

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118632.D
 Acq On : 21 Jan 2020 13:25
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 1/22/2020 1:36:15 PM

Quant Time: Jan 21 15:30:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	388137	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1430855	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	807961	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1457377	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1019439	20.00	ng	0.00
87) Perylene-d12	15.51	264	928548	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1778385	85.10	ng	0.00
7) Phenol-d6	6.51	99	2264200	83.36	ng	0.00
23) Nitrobenzene-d5	7.45	82	2031180	79.40	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	799123	85.51	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3855107	78.42	ng	0.00
79) Terphenyl-d14	12.99	244	4369467	93.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	409995	40.505	ng	98
3) Pyridine	3.42	79	1160505	40.677	ng	100
4) n-Nitrosodimethylamine	3.36	42	462683	37.828	ng	90
6) Aniline	6.55	93	1468876	41.068	ng	97
8) 2-Chlorophenol	6.67	128	984855	41.985	ng	98
9) Benzaldehyde	6.43	77	703035	42.559	ng	96
10) Phenol	6.52	94	1245304	40.229	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	956342	41.641	ng	98
12) 1,3-Dichlorobenzene	6.83	146	1158811	42.207	ng	98
13) 1,4-Dichlorobenzene	6.90	146	1163512	42.217	ng	99
14) 1,2-Dichlorobenzene	7.06	146	1097403	42.357	ng	98
15) Benzyl Alcohol	7.02	79	899426	41.755	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1320415	41.276	ng	100
17) 2-Methylphenol	7.13	107	809997	41.455	ng	98
18) Hexachloroethane	7.40	117	415248	41.551	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	753100	41.061	ng	95
20) 3+4-Methylphenols	7.28	107	1005960	42.169	ng	# 86
22) Acetophenone	7.29	105	1378342	40.664	ng	# 97
24) Nitrobenzene	7.46	77	1035552	39.535	ng	97
25) Isophorone	7.70	82	1894160	40.596	ng	99
26) 2-Nitrophenol	7.78	139	478032	42.796	ng	95
27) 2,4-Dimethylphenol	7.82	122	757859	39.291	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	1242803	41.338	ng	99
29) 2,4-Dichlorophenol	8.02	162	890606	41.769	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	1028836	41.615	ng	99
31) Naphthalene	8.19	128	2788360	43.139	ng	100
32) Benzoic acid	7.93	122	615991	42.553	ng	97
33) 4-Chloroaniline	8.23	127	1237060	41.408	ng	97
34) Hexachlorobutadiene	8.31	225	634409	42.137	ng	100
35) Caprolactam	8.60	113	275805m	39.526	ng	
36) 4-Chloro-3-methylphenol	8.71	107	862969	40.985	ng	100
37) 2-Methylnaphthalene	8.88	142	1931203	42.328	ng	99
38) 1-Methylnaphthalene	8.98	142	1855181	42.800	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1066777	42.197	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	458306	35.932	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	703339	41.926	nq	100
44) 2,4,5-Trichlorophenol	9.19	196	713271	41.631	nq	98
46) 1,1'-Biphenyl	9.35	154	2416069	43.388	nq	97
47) 2-Chloronaphthalene	9.37	162	1988426	42.366	nq	97
48) 2-Nitroaniline	9.46	65	552496	38.294	nq	95
49) Acenaphthylene	9.79	152	2828874	42.843	nq	97
50) Dimethylphthalate	9.64	163	2243958	42.629	nq	100
51) 2,6-Dinitrotoluene	9.70	165	466265	39.556	nq	94
52) Acenaphthene	9.96	154	1852290	41.953	nq	99
53) 3-Nitroaniline	9.87	138	540433	40.152	nq	97
54) 2,4-Dinitrophenol	9.97	184	187927	39.935	nq	# 57
55) Dibenzofuran	10.13	168	2610995	42.673	nq	99
56) 4-Nitrophenol	10.02	139	398144	39.184	nq	89
57) 2,4-Dinitrotoluene	10.10	165	603011	40.580	nq	97
58) Fluorene	10.47	166	2048280	42.643	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	624125	41.416	nq	99
60) Diethylphthalate	10.34	149	2207232	43.247	nq	100
61) 4-Chlorophenyl-phenylether	10.46	204	1134110	43.412	nq	97
62) 4-Nitroaniline	10.48	138	542652	39.304	nq	97
63) Azobenzene	10.62	77	2081029	42.102	nq	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	267166	41.690	nq	81
66) n-Nitrosodiphenylamine	10.57	169	1876552	42.696	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	778034	43.211	nq	97
68) Hexachlorobenzene	11.02	284	862545	42.254	nq	96
69) Atrazine	11.10	200	651505	42.768	nq	99
70) Pentachlorophenol	11.21	266	463158	40.809	nq	99
71) Phenanthrene	11.43	178	2978724	42.366	nq	98
72) Anthracene	11.48	178	3003394	43.170	nq	98
73) Carbazole	11.63	167	2661823	41.713	nq	99
74) Di-n-butylphthalate	11.96	149	3202515	45.170	nq	100
75) Fluoranthene	12.62	202	3105395	41.876	nq	99
77) Benzidine	12.73	184	1414639	51.935	nq	99
78) Pyrene	12.84	202	3140304	45.373	nq	98
80) Butylbenzylphthalate	13.46	149	1327146	46.854	nq	95
81) Benzo(a)anthracene	14.03	228	2669284	43.527	nq	99
82) 3,3'-Dichlorobenzidine	13.99	252	996571	45.606	nq	98
83) Chrysene	14.07	228	2521402	42.900	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1718603	49.662	nq	100
85) Di-n-octyl phthalate	14.63	149	2648547	51.706	nq	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	2427938	47.543	nq	100
88) Benzo(b)fluoranthene	15.09	252	2385183	40.866	nq	99
89) Benzo(k)fluoranthene	15.12	252	2199771	40.681	nq	99
90) Benzo(a)pyrene	15.45	252	2069137	41.096	nq	98
91) Dibenzo(a,h)anthracene	17.01	278	2013329	45.207	nq	100
92) Benzo(g,h,i)perylene	17.44	276	1926401	44.549	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

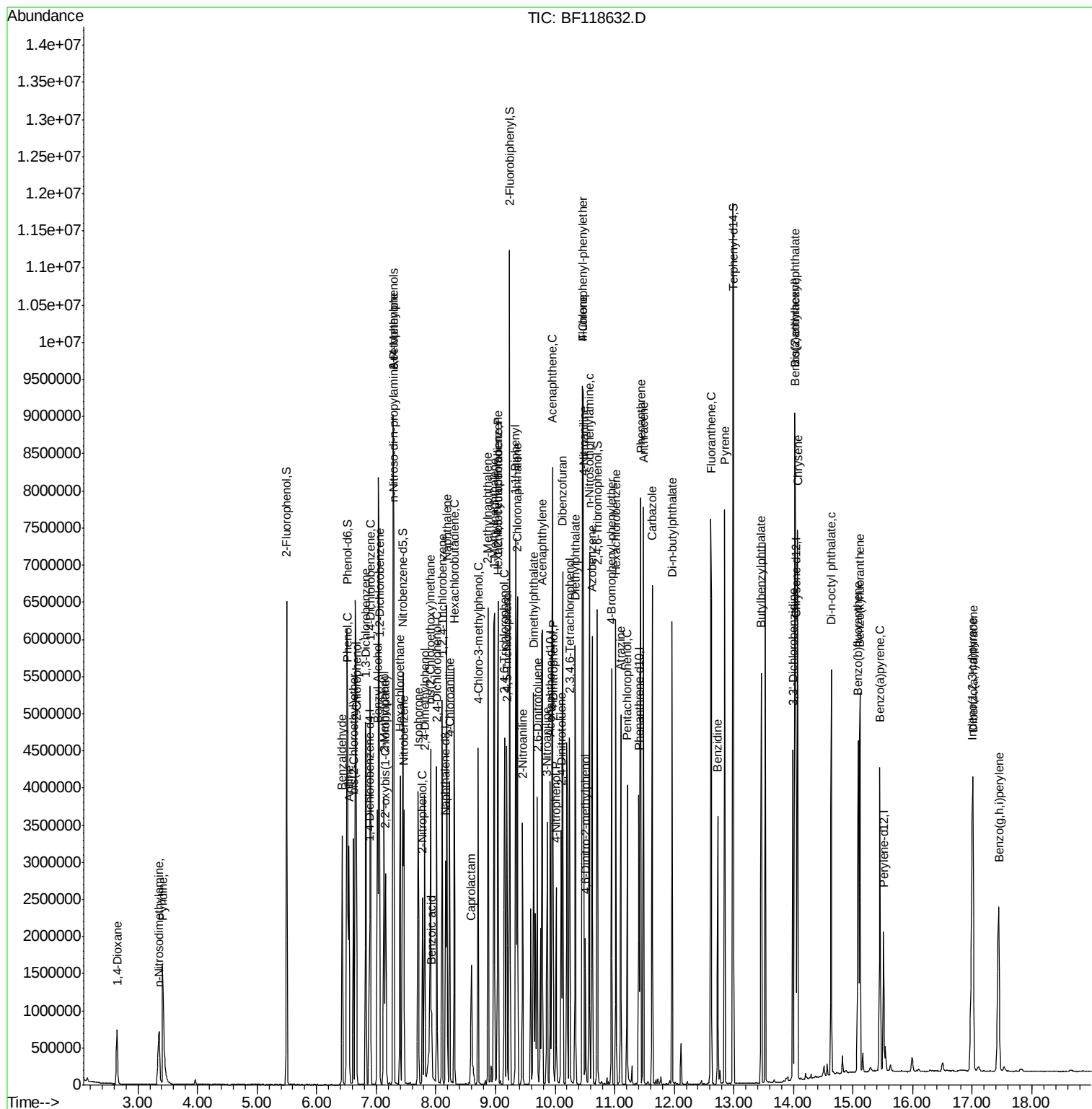
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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\  
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Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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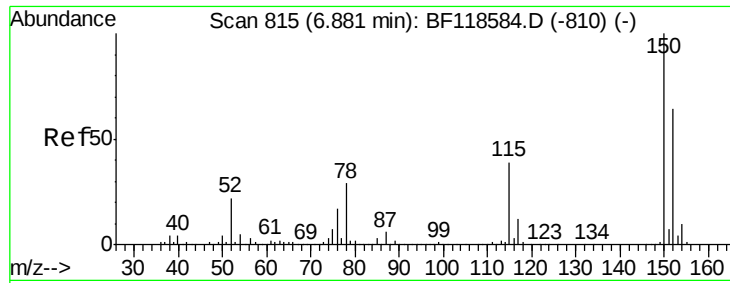
Instrument :
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ClientSampleId :
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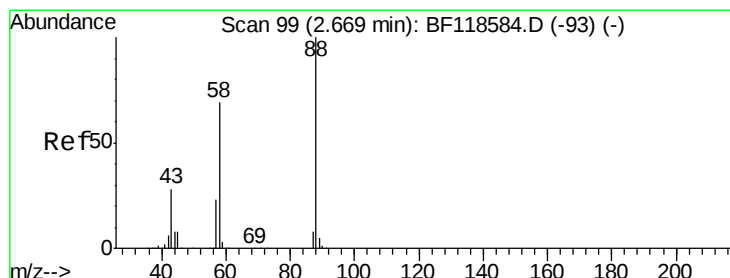
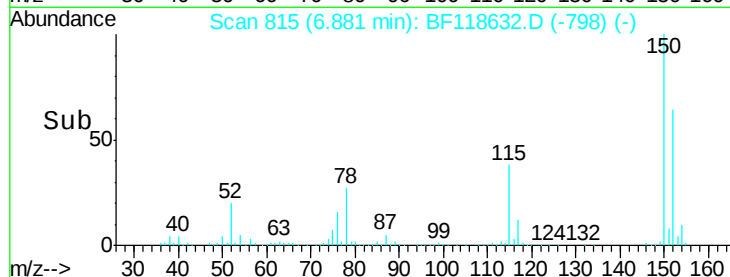
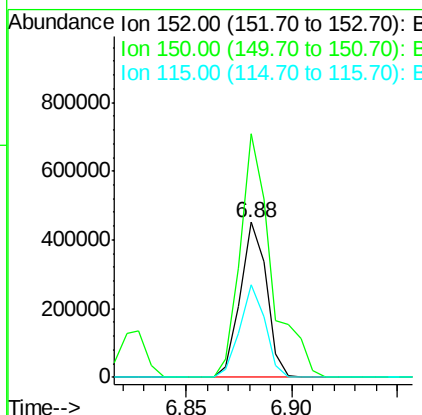
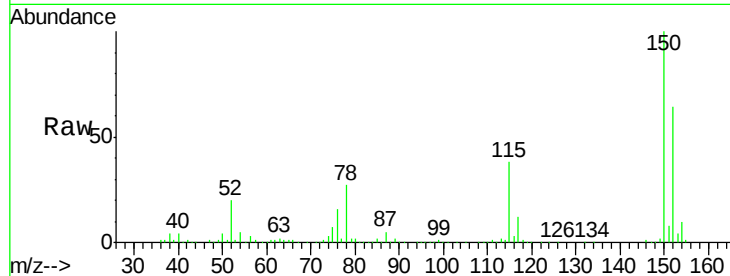
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF118632.D
 Acq: 21 Jan 2020 13:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.6	188.4
115	59.5	48.4	72.6

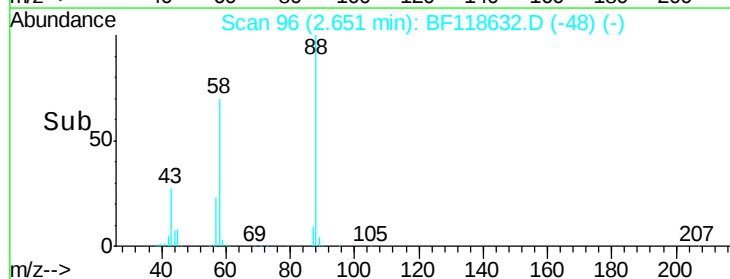
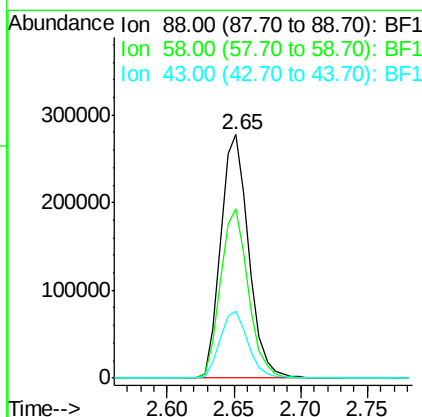
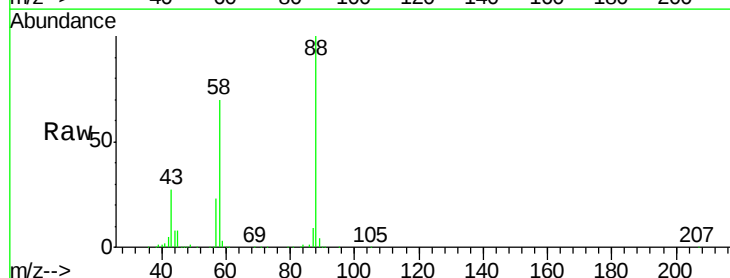
Manual Integrations
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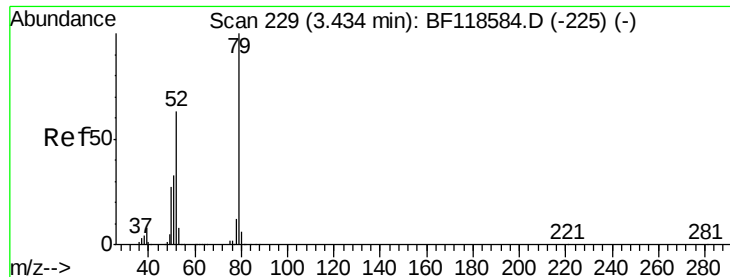
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#2
 1,4-Dioxane
 Concen: 40.505 ng
 RT: 2.65 min Scan# 96
 Delta R.T. -0.02 min
 Lab File: BF118632.D
 Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	56.1	84.1
43	27.3	23.0	34.6





#3

Pvridine

Concen: 40.677 ng

RT: 3.42 min Scan# 226

Delta R.T. -0.02 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1160505

Ion Ratio Lower Upper

79 100

52 63.4 50.7 76.1

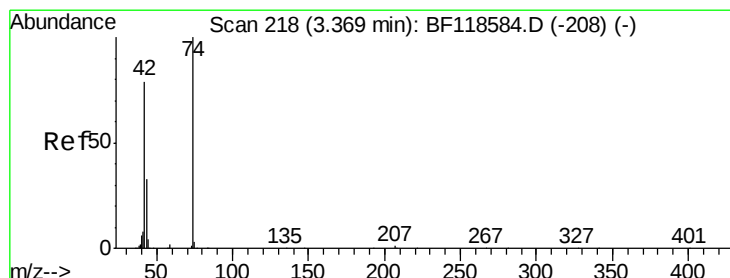
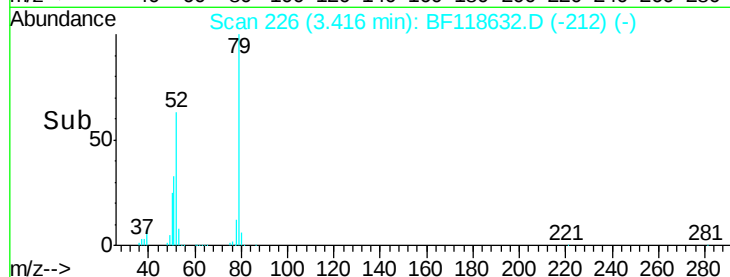
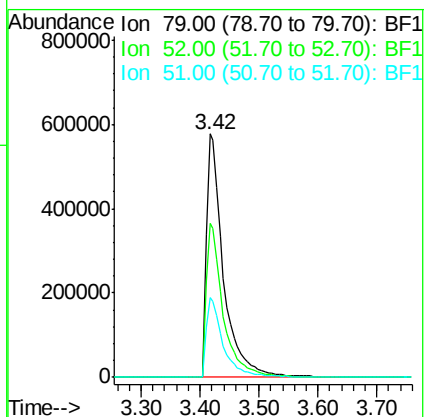
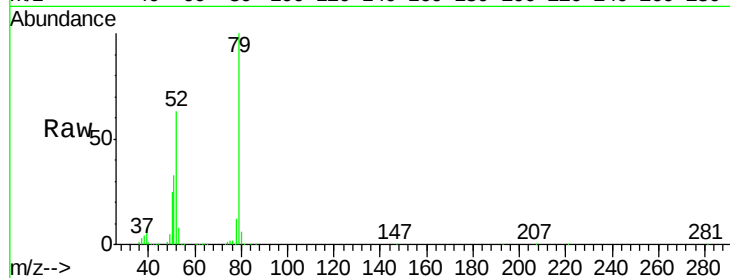
51 33.0 26.6 40.0

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 37.828 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

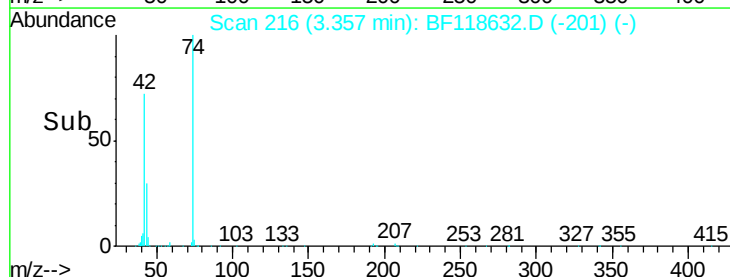
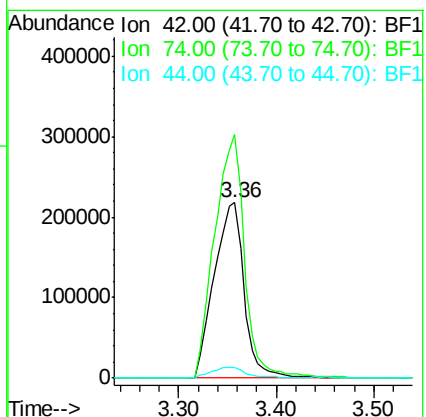
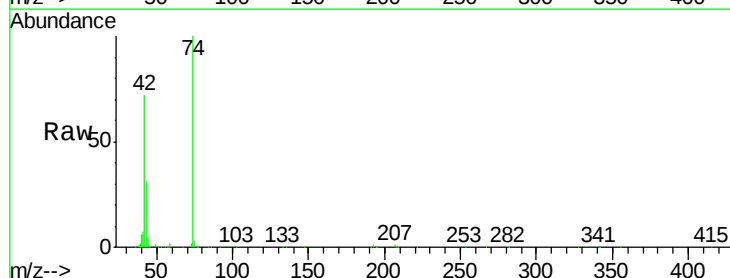
Tgt Ion: 42 Resp: 462683

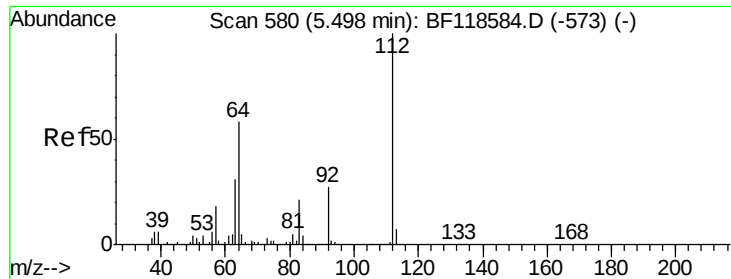
Ion Ratio Lower Upper

42 100

74 138.9 101.6 152.4

44 6.3 4.9 7.3





#5

2-Fluorophenol

Concen: 85.097 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1778385

Ion Ratio Lower Upper

112 100

64 58.8 46.6 70.0

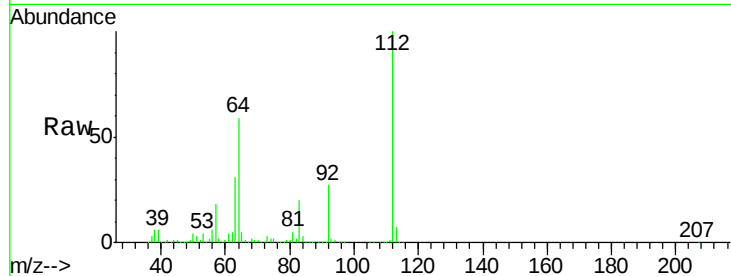
63 30.7 25.1 37.7

Manual Integrations

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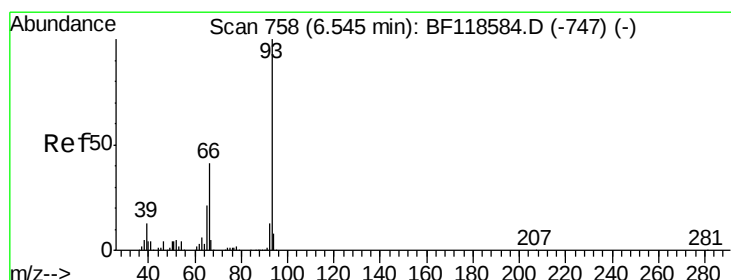
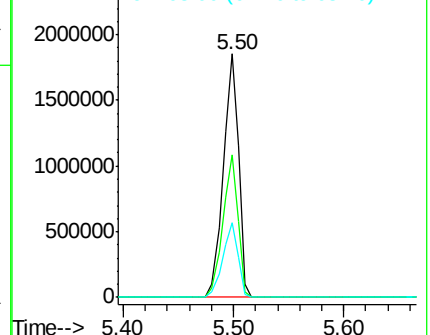
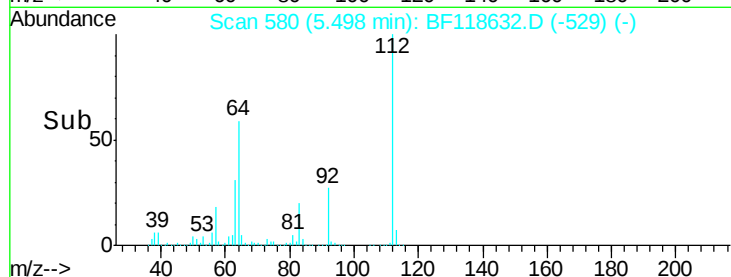
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.068 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

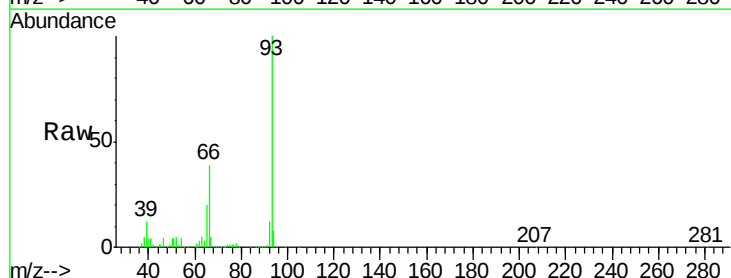
Tgt Ion: 93 Resp: 1468876

Ion Ratio Lower Upper

93 100

66 38.9 32.8 49.2

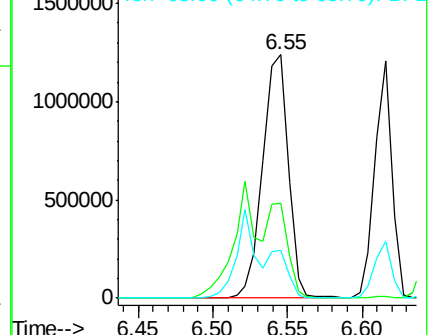
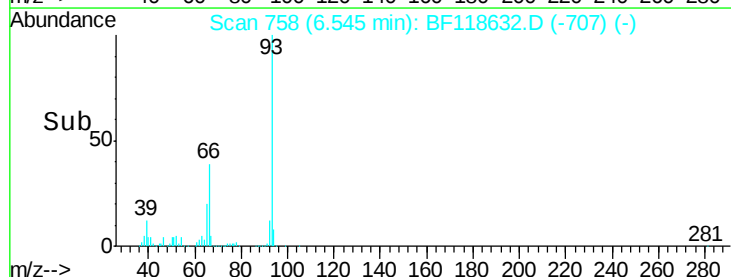
65 19.8 16.5 24.7

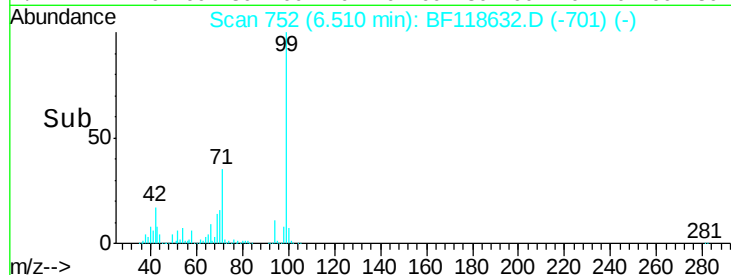
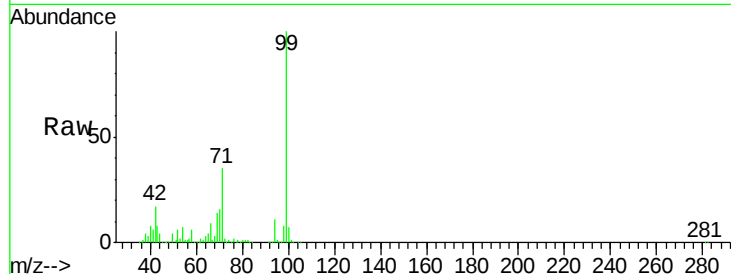
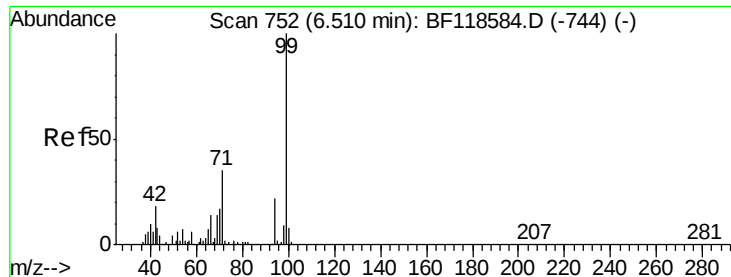


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.357 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Tot Ion: 99 Resp: 2264200

Ion Ratio Lower Upper

99 100

42 17.2 14.2 21.2

71 34.9 27.8 41.6

Instrument :

BNA_F

ClientSampleId :

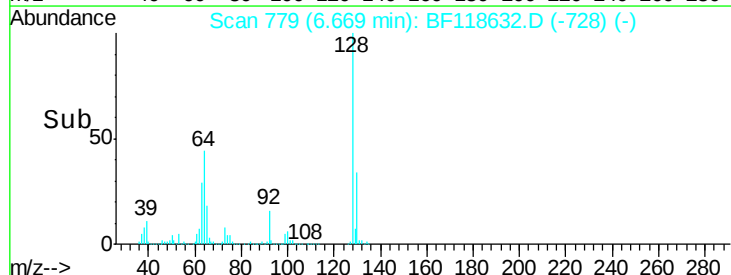
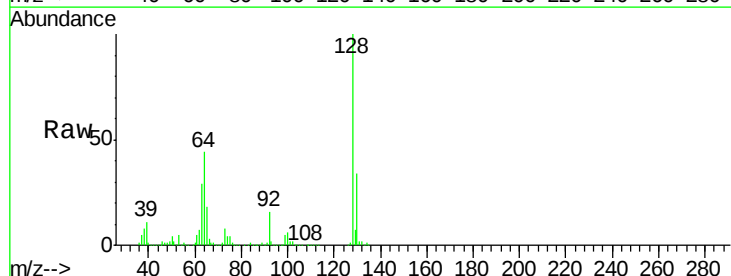
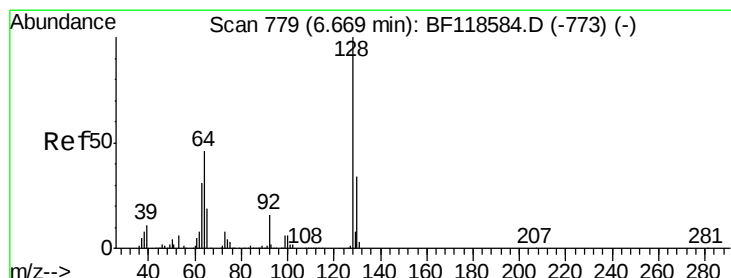
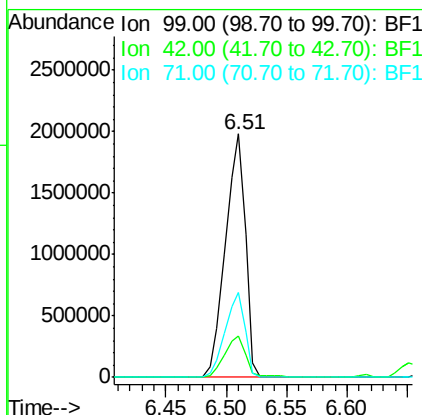
SSTDCCC040

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.985 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

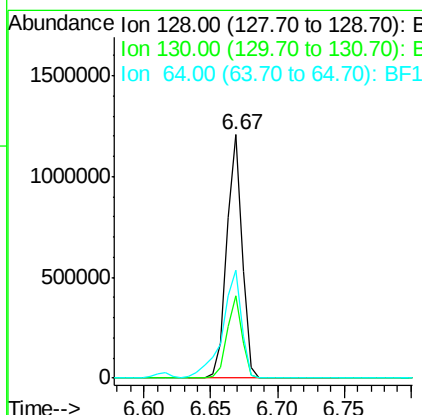
Tgt Ion: 128 Resp: 984855

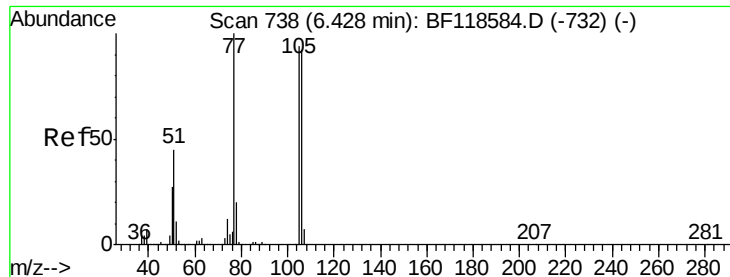
Ion Ratio Lower Upper

128 100

130 33.7 13.6 53.6

64 44.4 26.4 66.4





#9

Benzaldehyde

Concen: 42.559 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

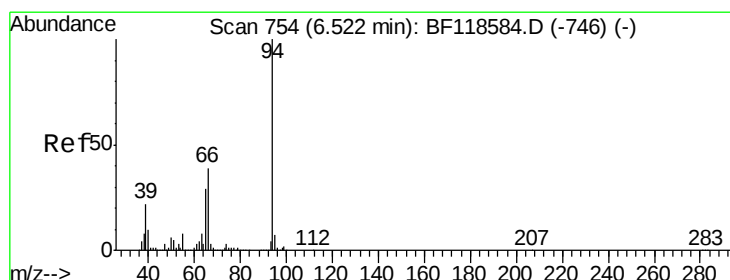
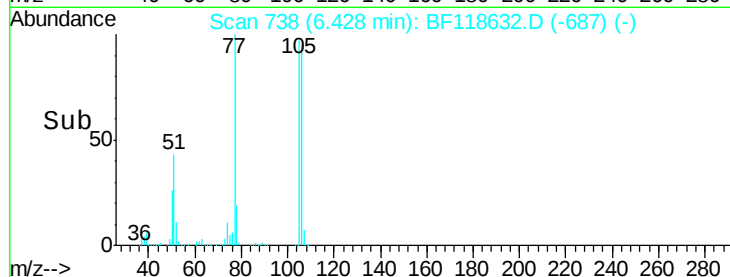
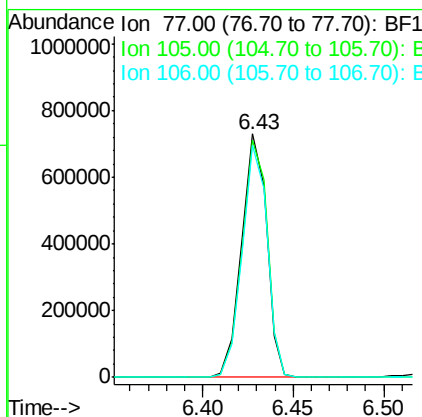
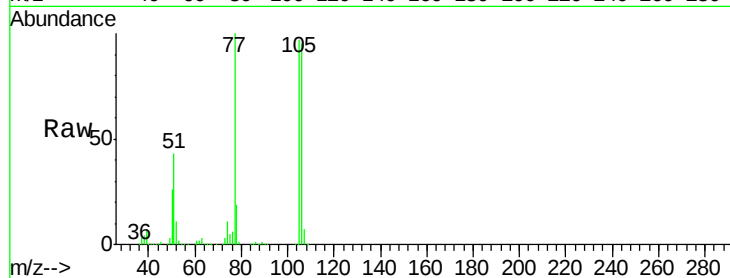
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	703035
Ion Ratio	Lower	Upper	
77	100		
105	97.5	73.5	113.5
106	95.2	71.9	111.9

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#10

Phenol

Concen: 40.229 ng

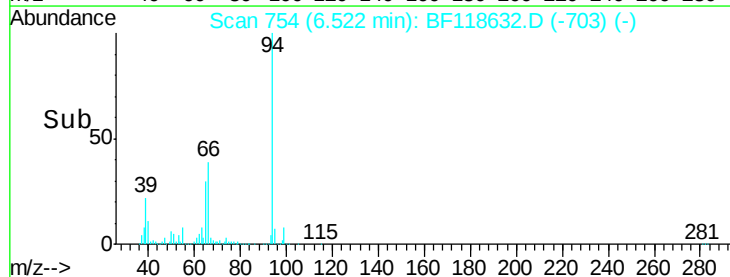
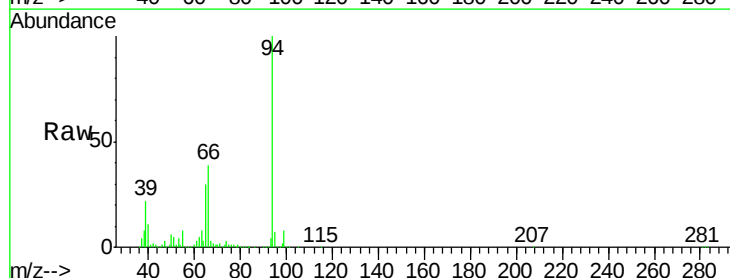
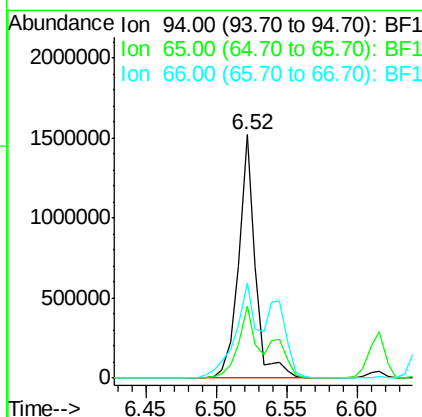
RT: 6.52 min Scan# 754

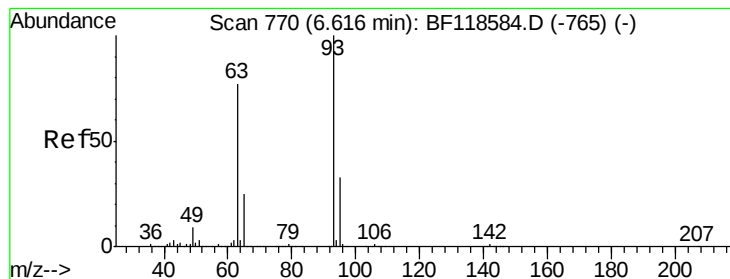
Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Tgt Ion:	94	Resp:	1245304
Ion Ratio	Lower	Upper	
94	100		
65	29.5	9.5	49.5
66	39.3	18.5	58.5





#11

bis(2-Chloroethyl)ether

Concen: 41.641 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

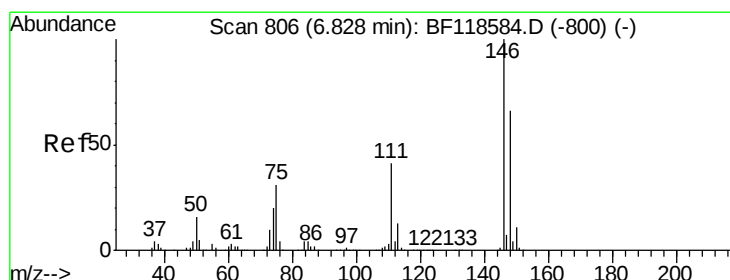
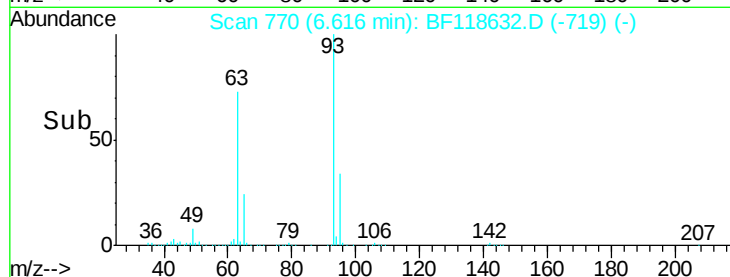
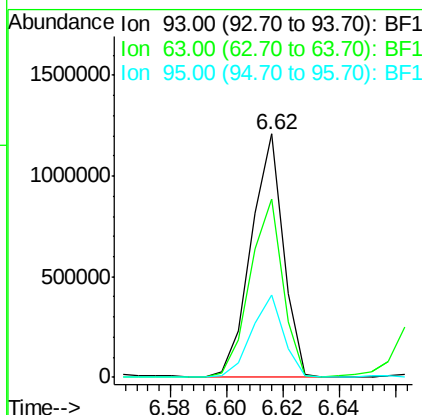
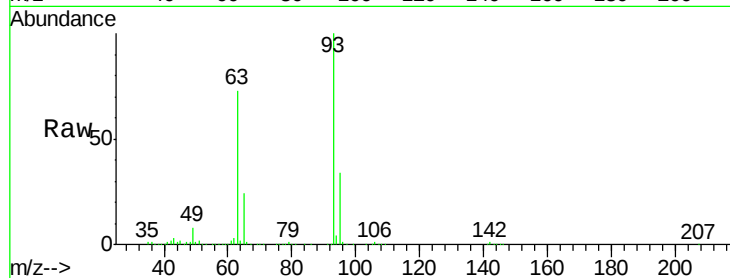
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	956342
Ion	Ratio	Lower	Upper
93	100		
63	73.5	56.3	96.3
95	33.7	13.3	53.3

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#12

1,3-Dichlorobenzene

Concen: 42.207 ng

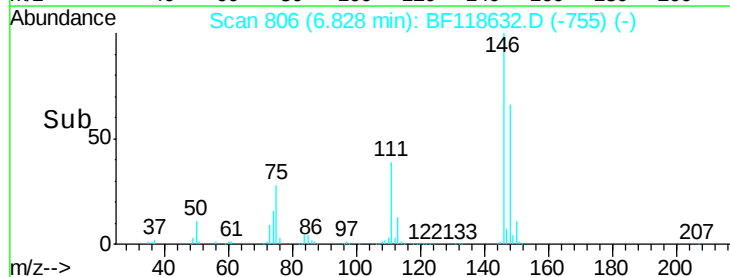
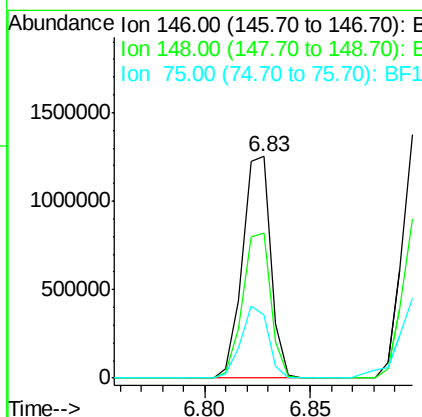
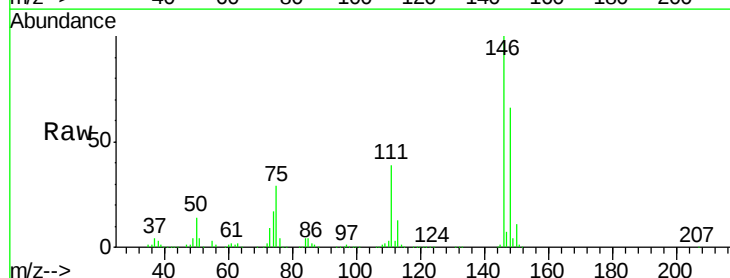
RT: 6.83 min Scan# 806

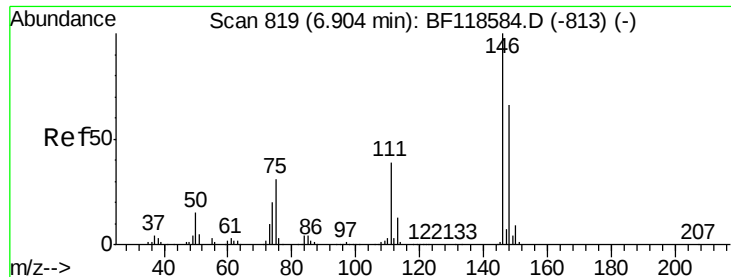
Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Tgt Ion:	146	Resp:	1158811
Ion	Ratio	Lower	Upper
146	100		
148	65.6	53.0	79.6
75	28.6	25.1	37.7





#13

1,4-Dichlorobenzene

Concen: 42.217 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:146 Resp: 1163512

Ion Ratio Lower Upper

146 100

148 65.3 52.4 78.6

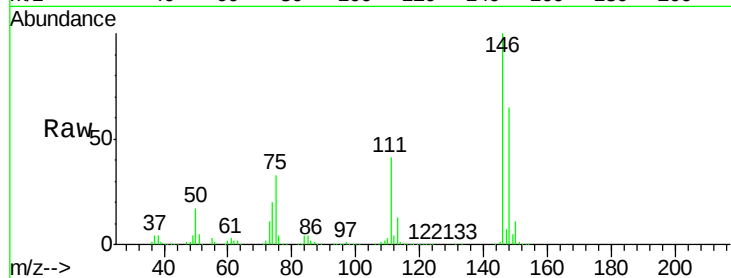
111 40.6 31.6 47.4

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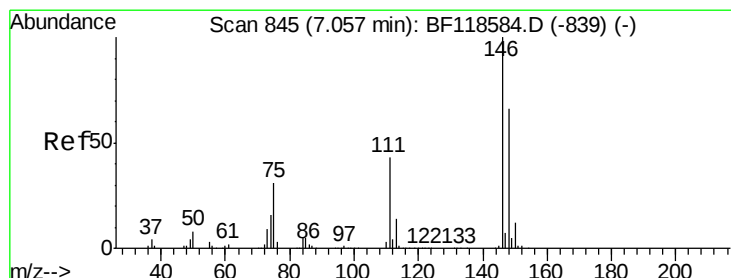
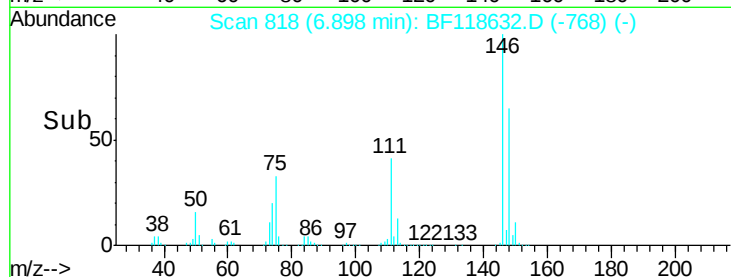
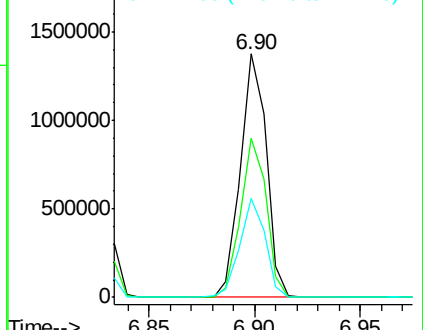
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.357 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

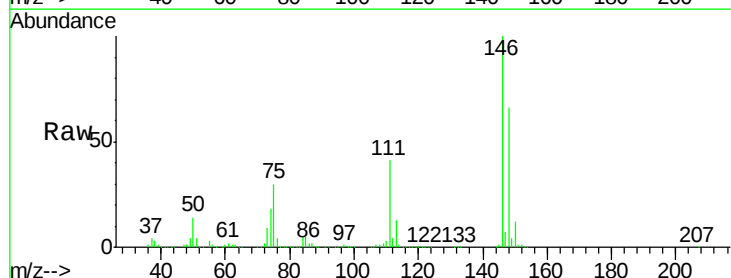
Tgt Ion:146 Resp: 1097403

Ion Ratio Lower Upper

146 100

148 65.6 52.7 79.1

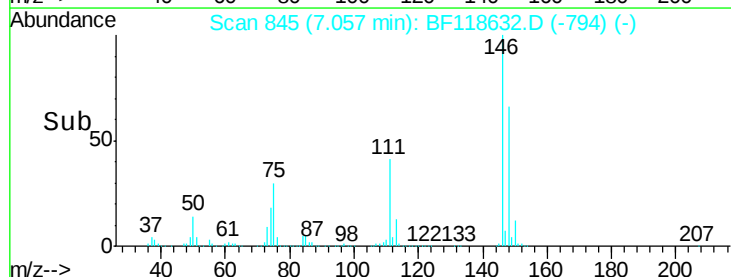
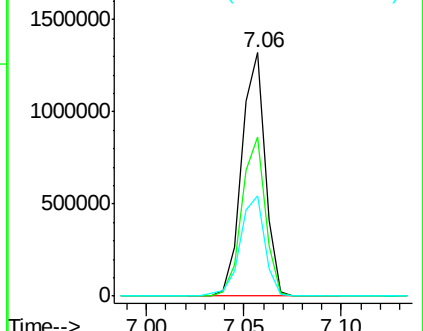
111 41.0 34.6 52.0

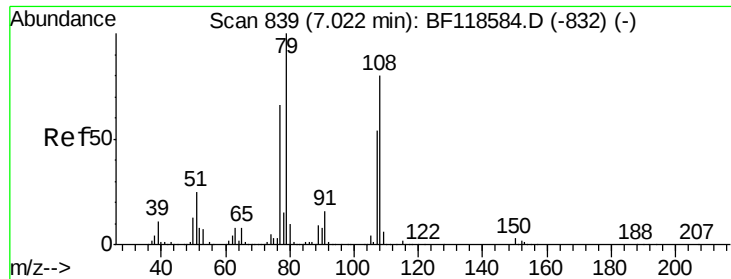


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





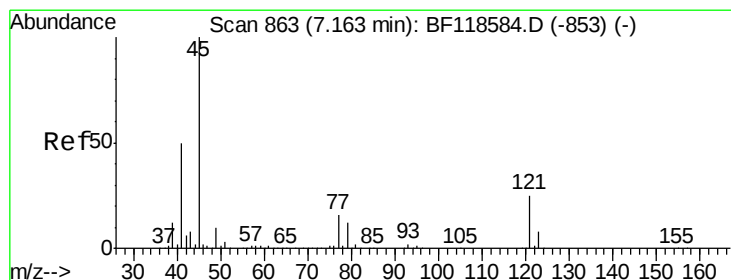
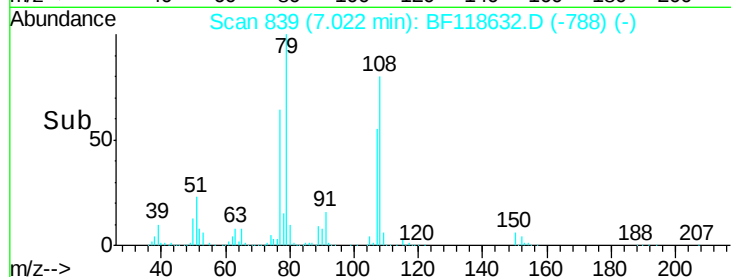
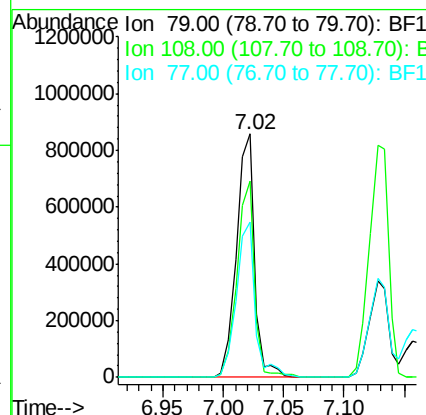
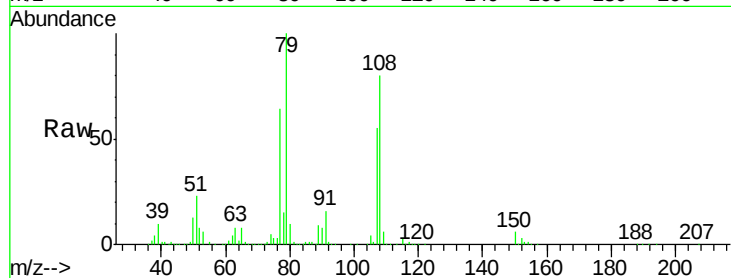
#15
Benzyl Alcohol
Concen: 41.755 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.4	63.6	95.4
77	63.6	52.5	78.7

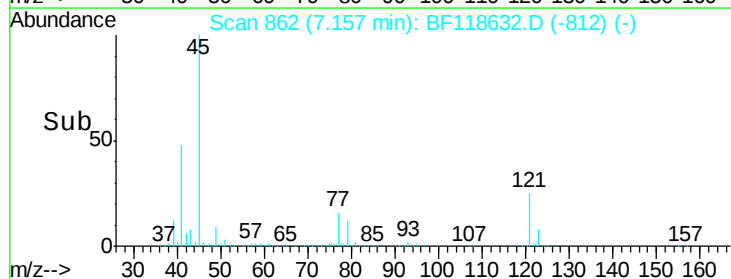
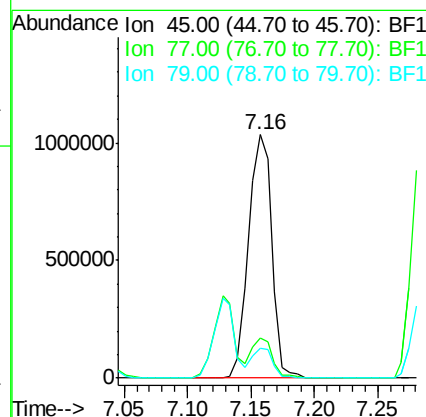
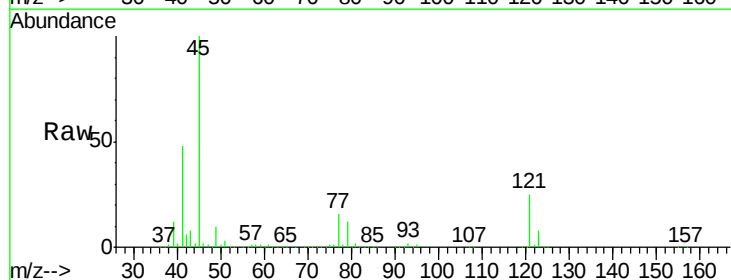
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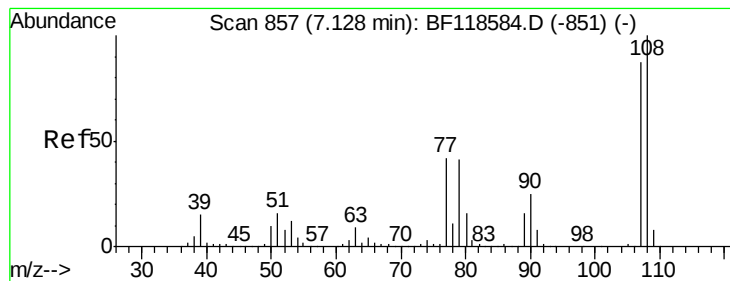
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.276 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	36.1
79	12.4	0.0	32.4





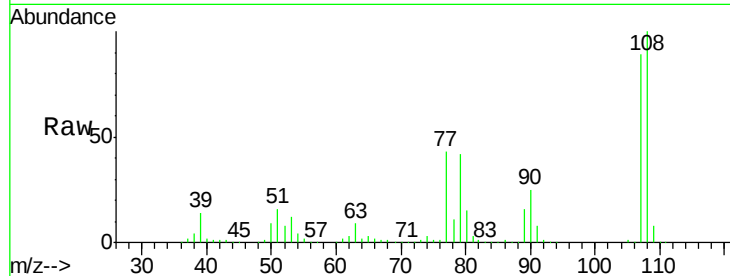
#17
2-Methylphenol
Concen: 41.455 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.5	137.3
77	47.9	38.7	58.1
79	46.6	37.7	56.5

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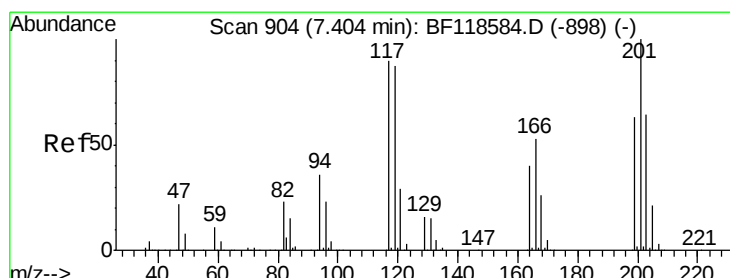
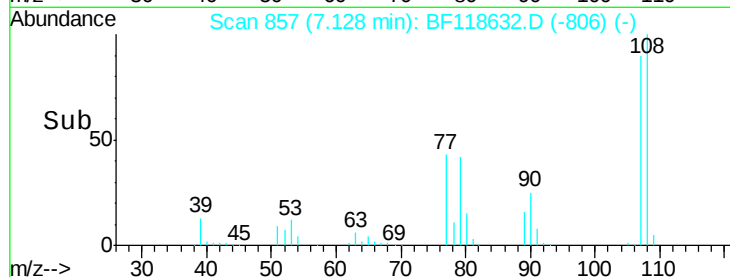
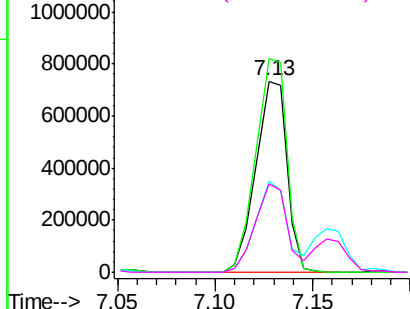
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

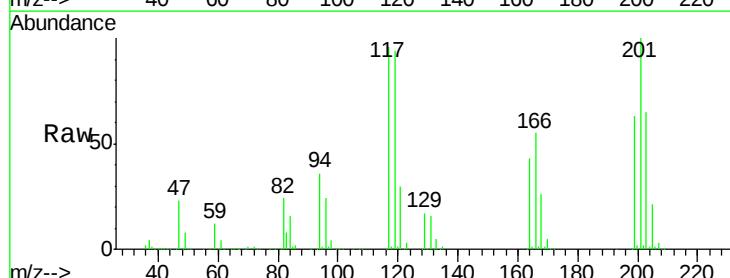
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.551 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.6	116.4
201	103.9	88.8	133.2

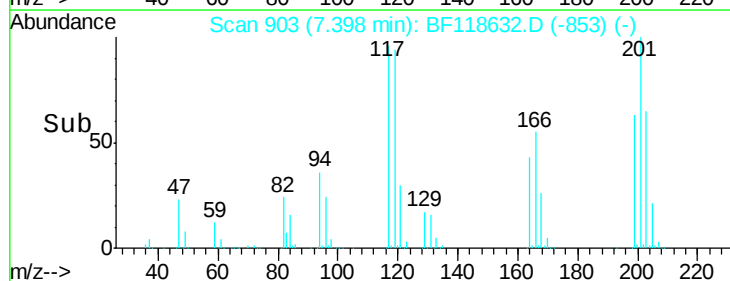
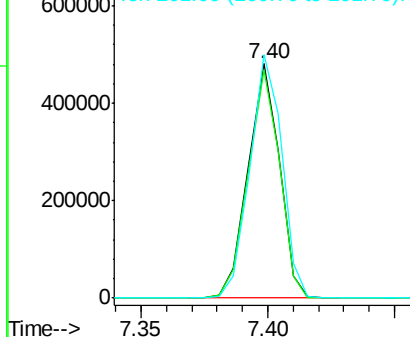


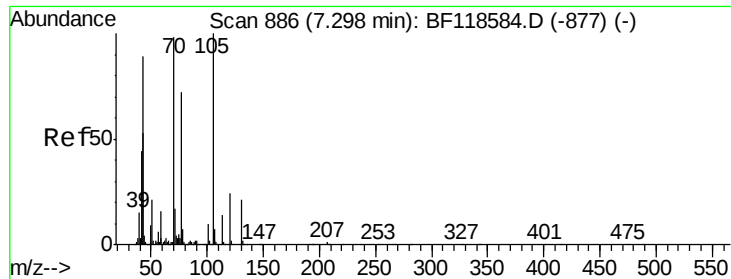
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





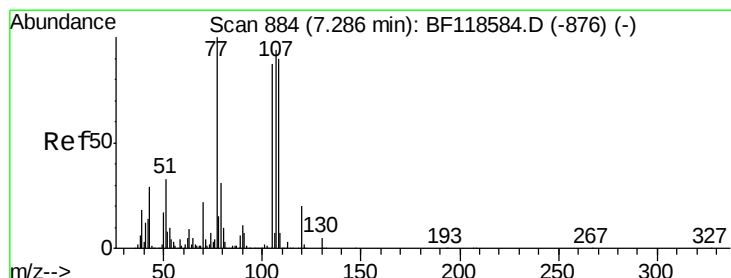
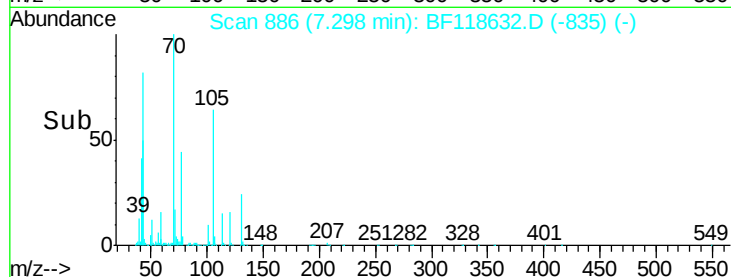
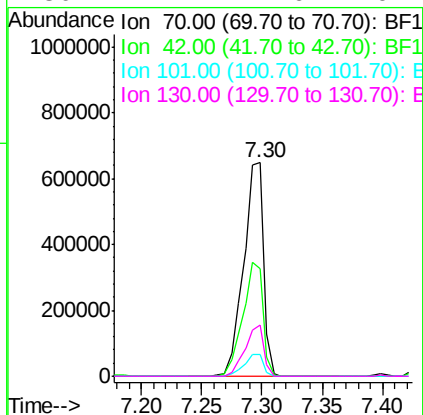
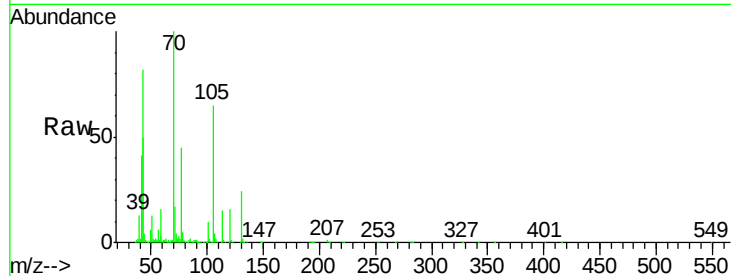
#19
n-Nitroso-di-n-propylamine
Concen: 41.061 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.1	43.4	65.0	
101	10.0	8.1	12.1	
130	24.2	17.6	26.4	

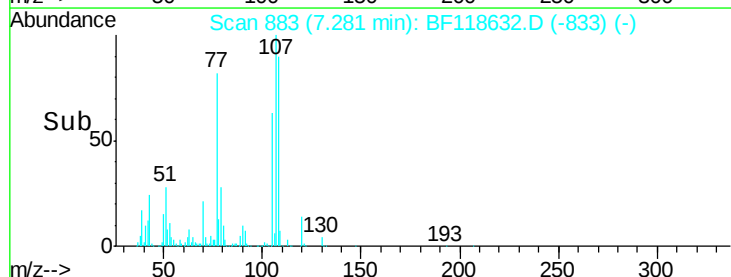
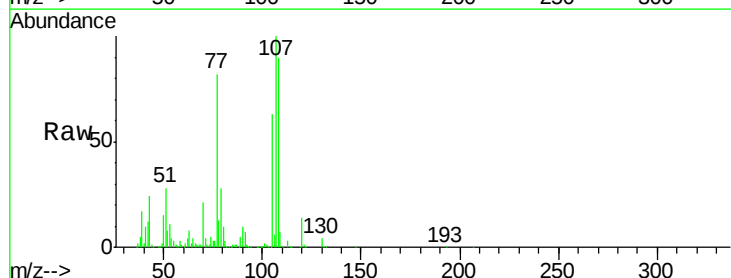
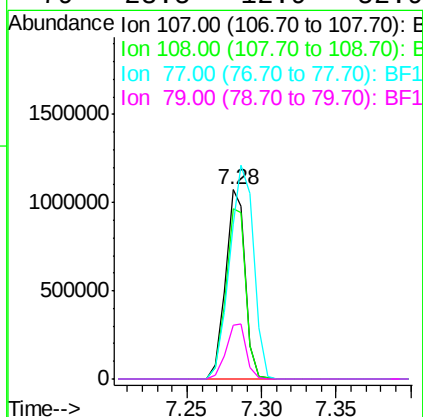
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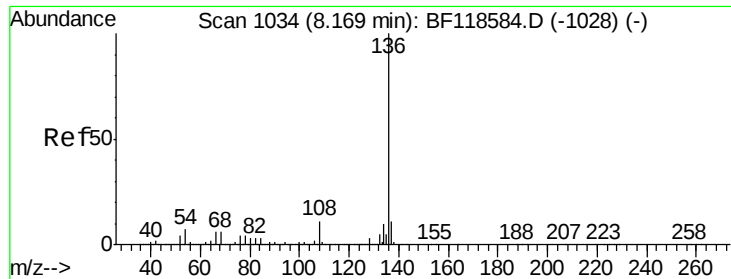
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#20
3+4-Methylphenols
Concen: 42.169 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.8	75.8	115.8	
77	82.1	86.5	126.5	
79	28.5	12.9	52.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1430855

Ion Ratio Lower Upper

136 100

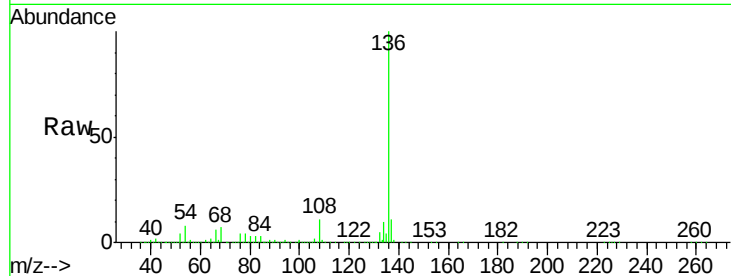
137 11.4 9.1 13.7

54 7.6 5.8 8.6

68 6.6 5.0 7.4

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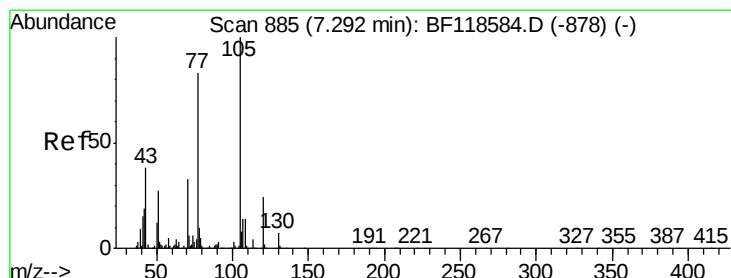
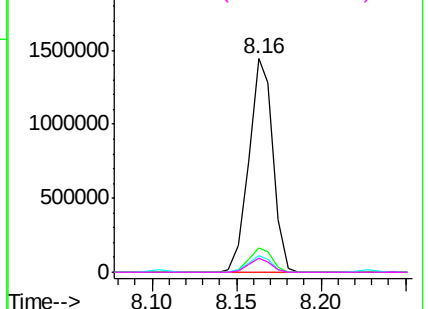
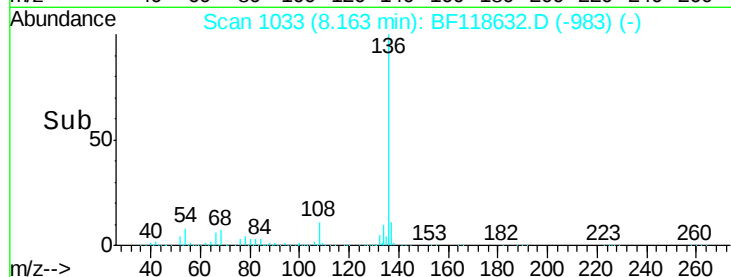


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.664 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Tgt Ion:105 Resp: 1378342

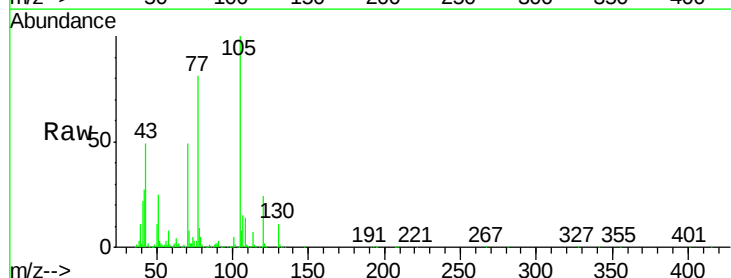
Ion Ratio Lower Upper

105 100

71 8.4 4.5 6.7#

51 24.6 21.5 32.3

120 24.5 19.0 28.6

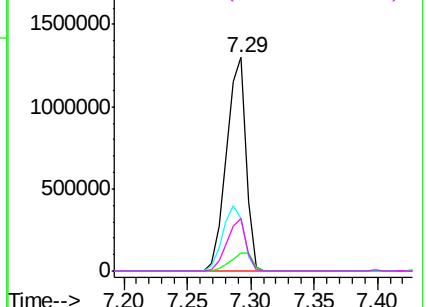
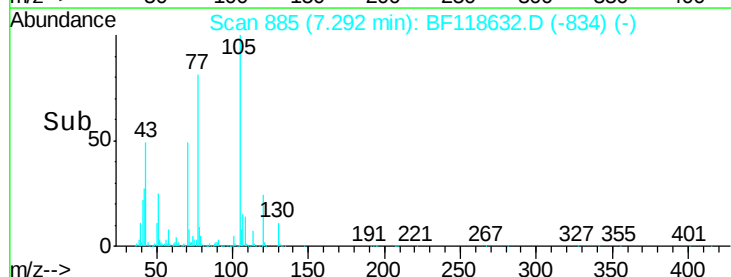


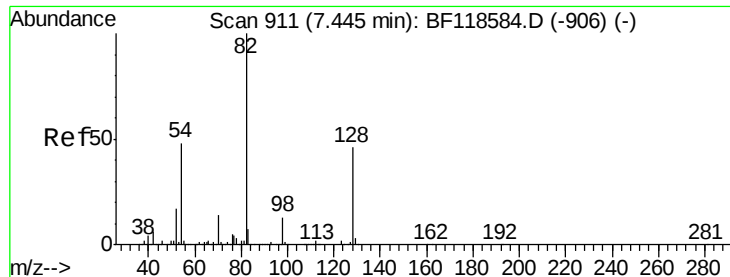
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





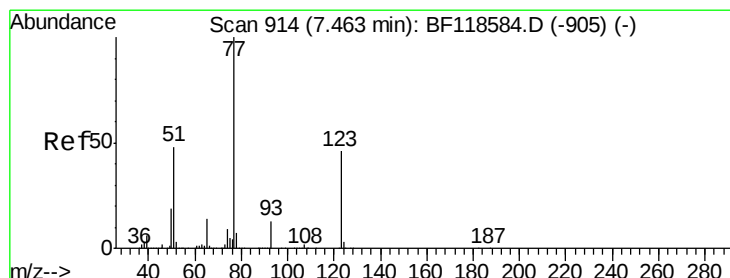
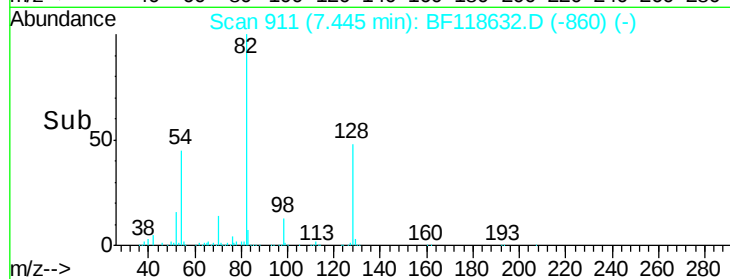
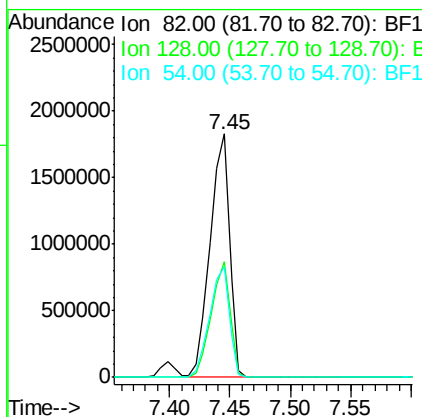
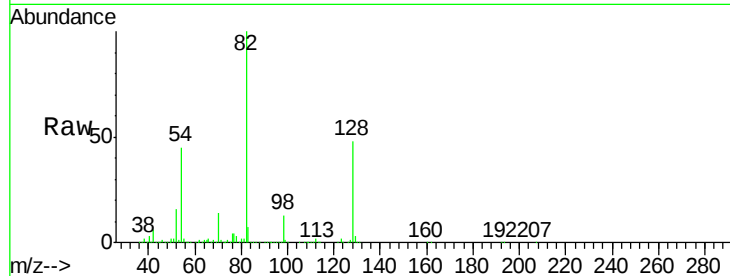
#23
 Nitrobenzene-d5
 Concen: 79.401 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF118632.D
 Acq: 21 Jan 2020 13:25

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	82	Resp	2031180
Ion Ratio	Lower	Upper	
82	100		
128	47.6	36.6	54.8
54	45.4	38.0	57.0

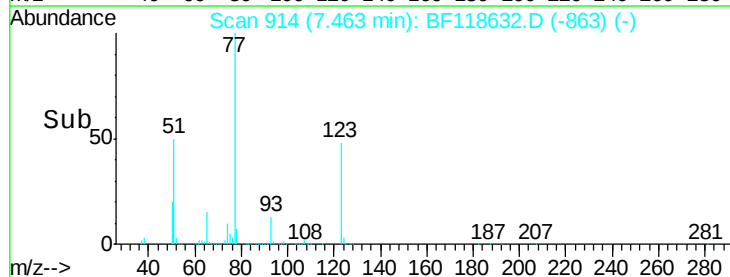
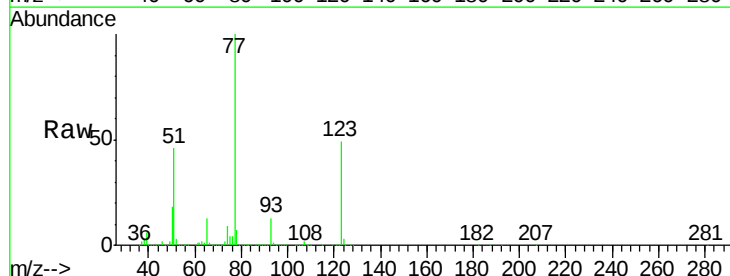
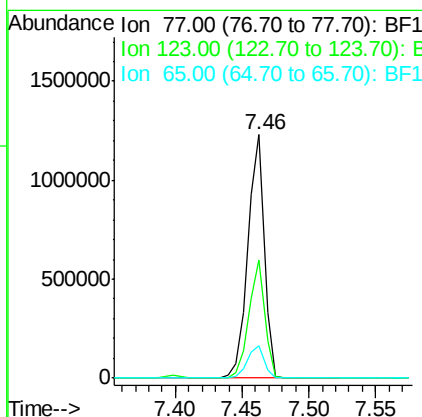
Manual Integrations
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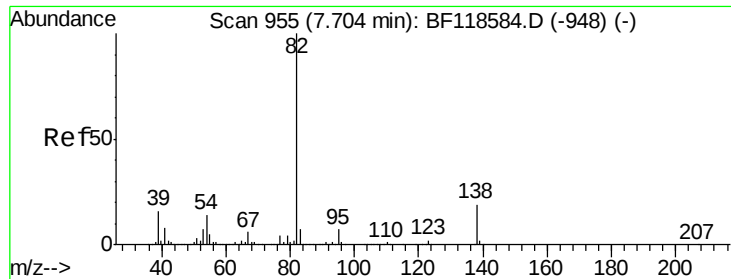
mohammad
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#24
 Nitrobenzene
 Concen: 39.535 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF118632.D
 Acq: 21 Jan 2020 13:25

Tgt Ion	77	Resp	1035552
Ion Ratio	Lower	Upper	
77	100		
123	48.5	37.0	55.4
65	13.4	11.1	16.7





#25

Isophorone

Concen: 40.596 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1894160

Ion Ratio Lower Upper

82 100

95 7.3 5.9 8.9

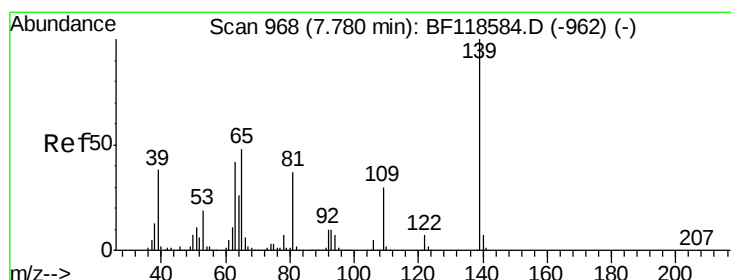
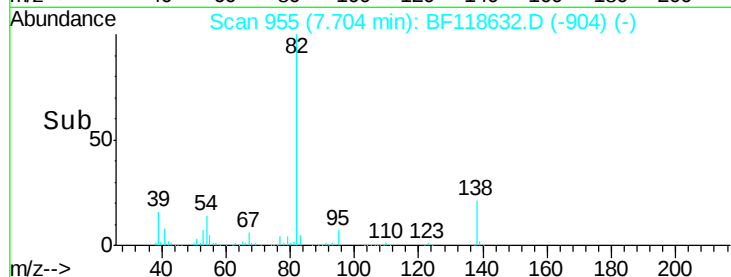
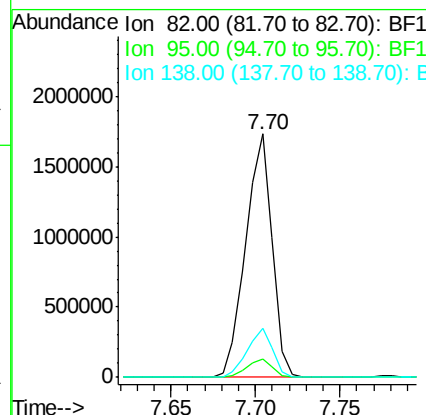
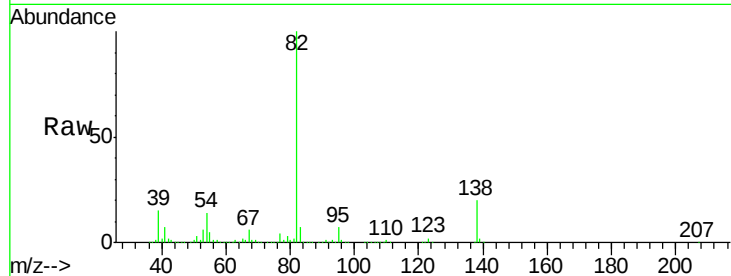
138 19.9 15.3 22.9

Manual Integrations

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#26

2-Nitrophenol

Concen: 42.796 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

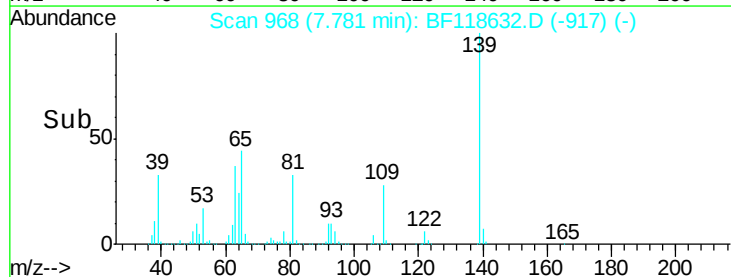
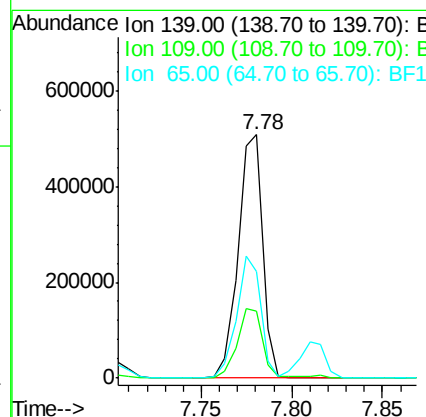
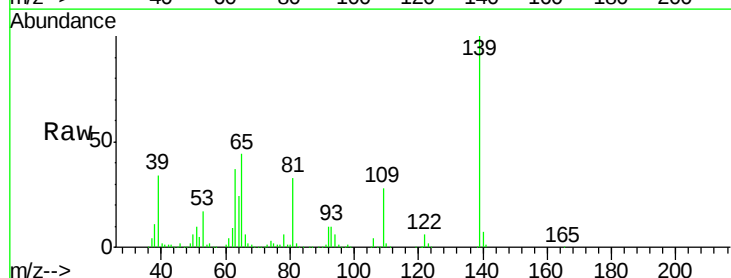
Tgt Ion: 139 Resp: 478032

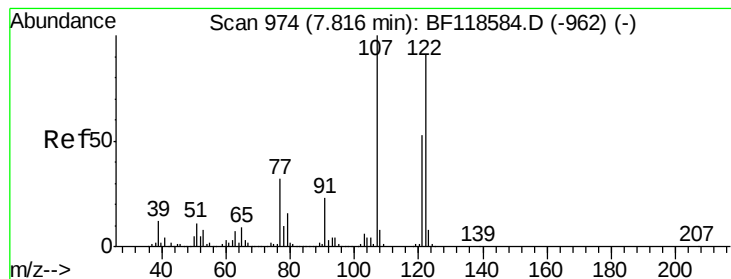
Ion Ratio Lower Upper

139 100

109 27.7 23.8 35.8

65 43.9 38.5 57.7





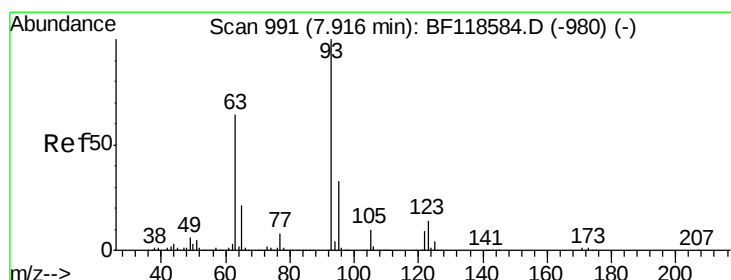
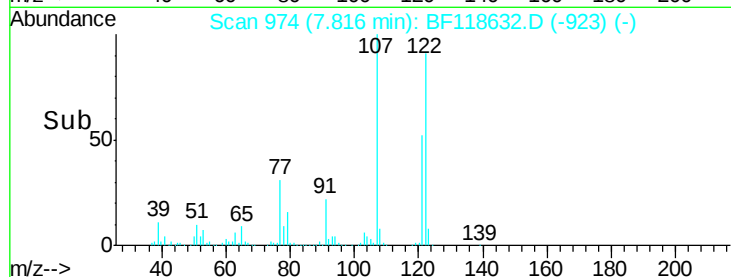
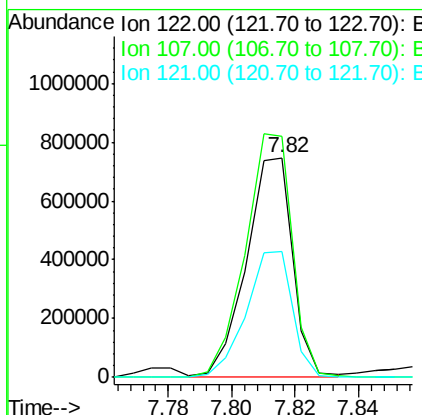
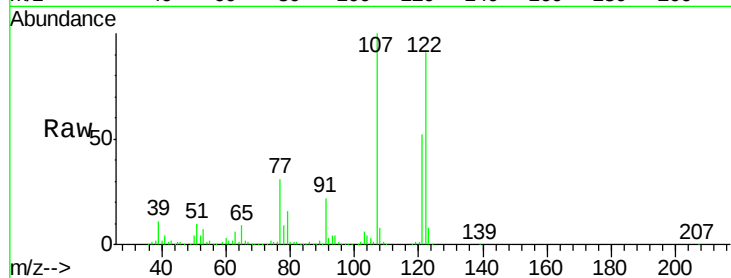
#27
2,4-Dimethylphenol
Concen: 39.291 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.6	88.0	132.0
121	57.2	46.3	69.5

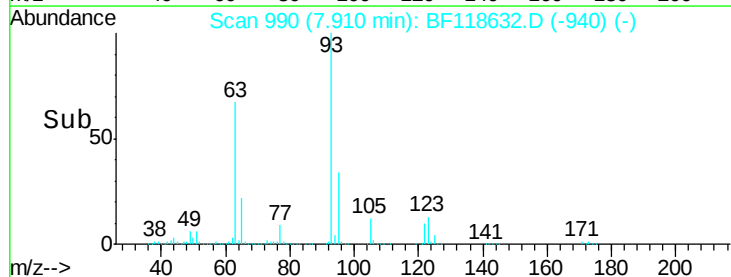
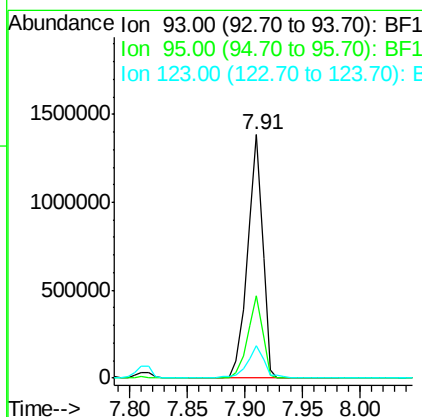
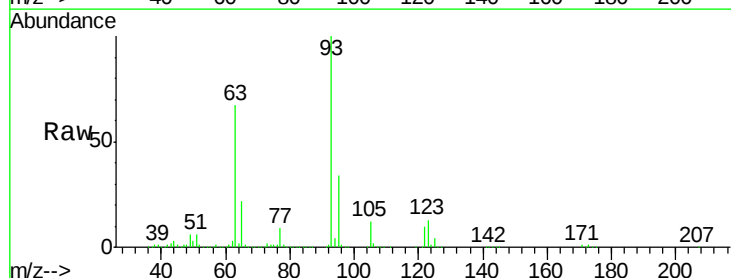
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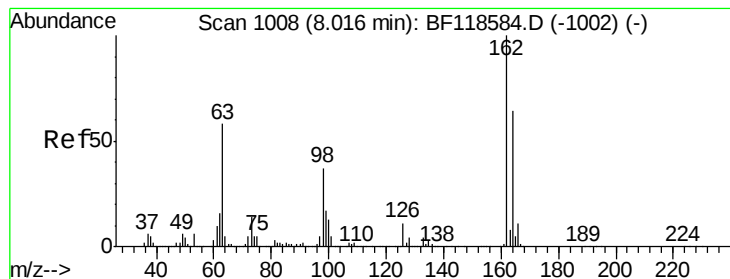
mohammad
1/22/2020 1:36:15 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.338 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.7	40.1
123	13.2	11.0	16.6





#29

2,4-Dichlorophenol

Concen: 41.769 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

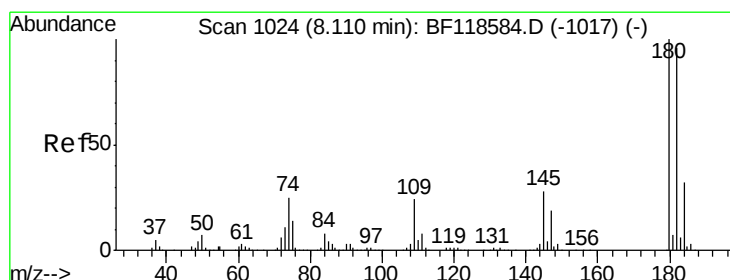
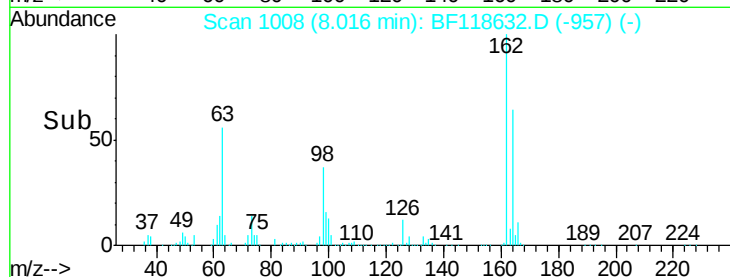
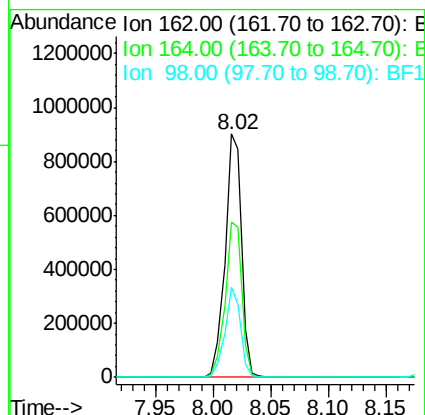
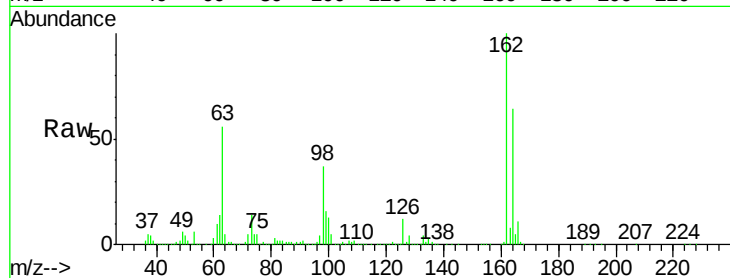
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.3	84.3
98	37.2	17.5	57.5

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 41.615 ng

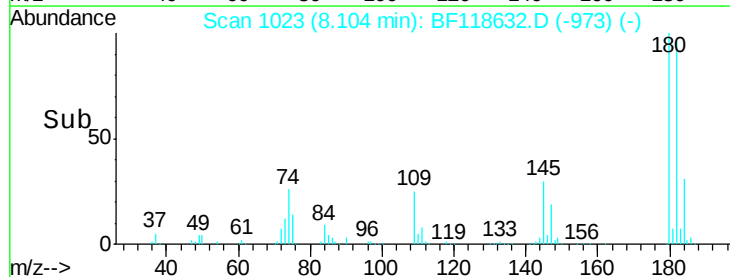
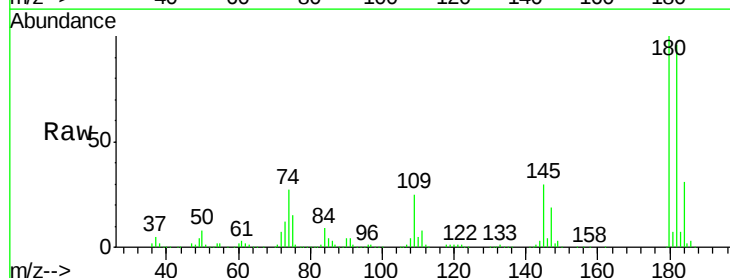
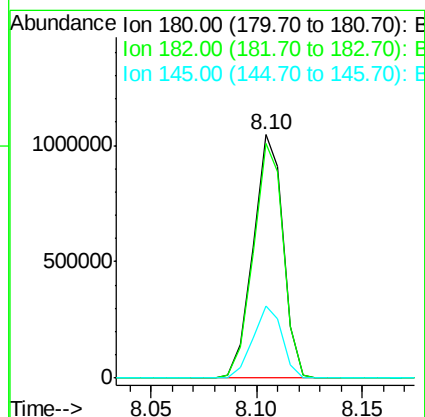
RT: 8.10 min Scan# 1023

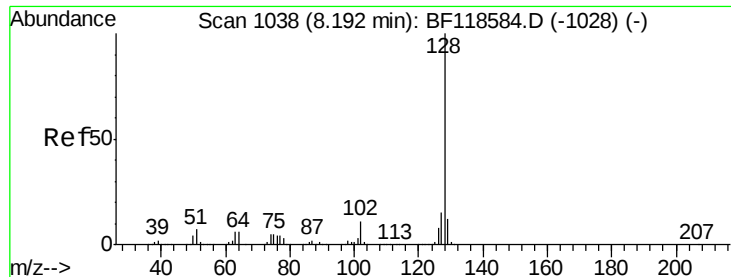
Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.9	115.3
145	29.8	22.8	34.2





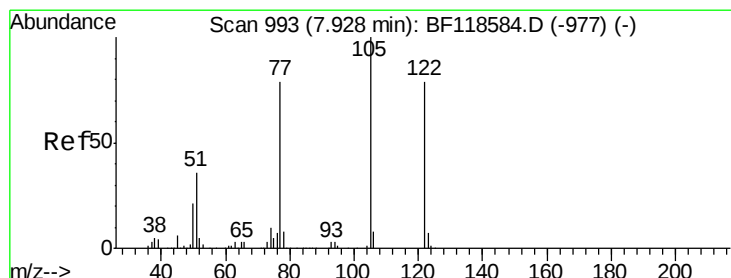
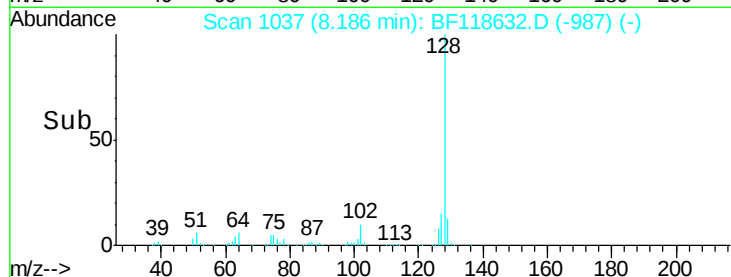
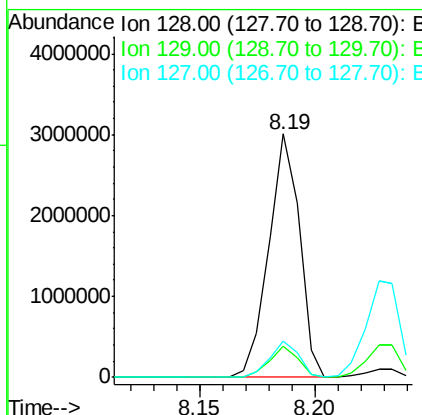
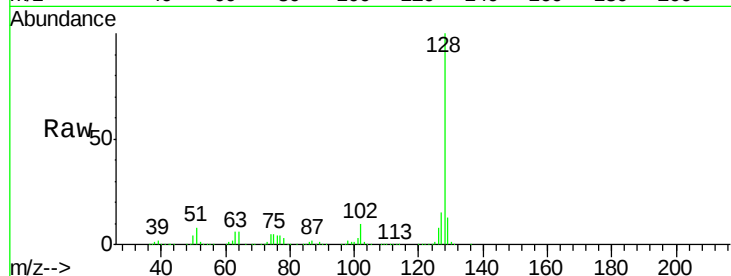
#31
Naphthalene
Concen: 43.139 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.9	14.9
127	14.8	12.0	18.0

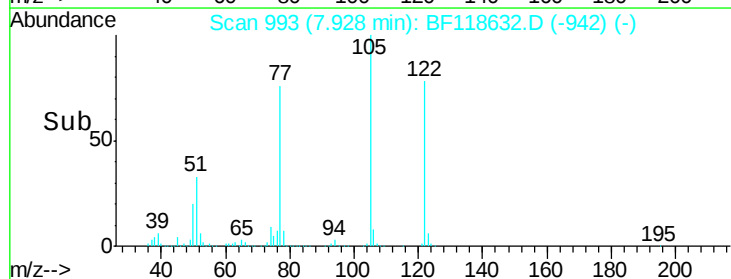
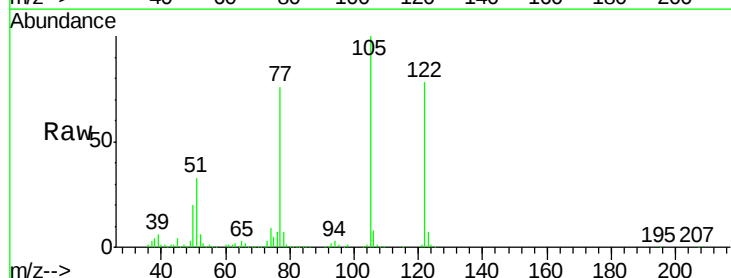
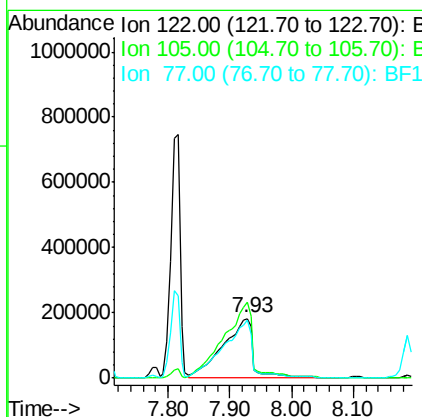
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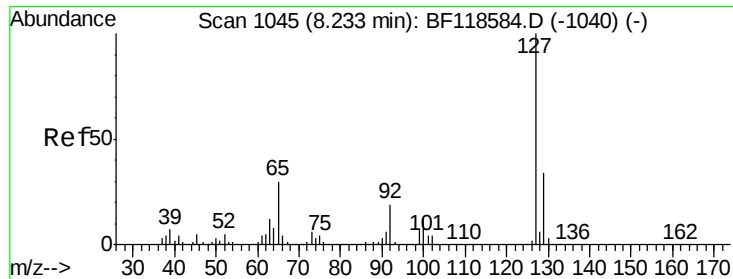
mohammad
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#32
Benzoic acid
Concen: 42.553 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	104.3	144.3
77	97.7	79.4	119.4





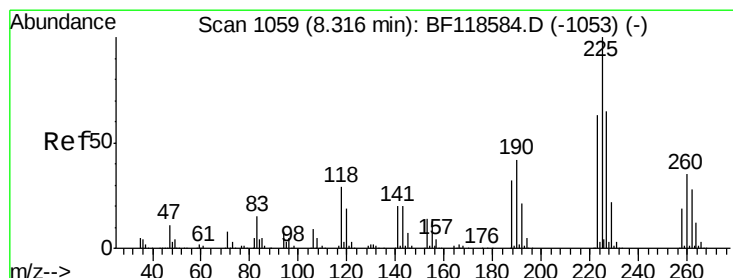
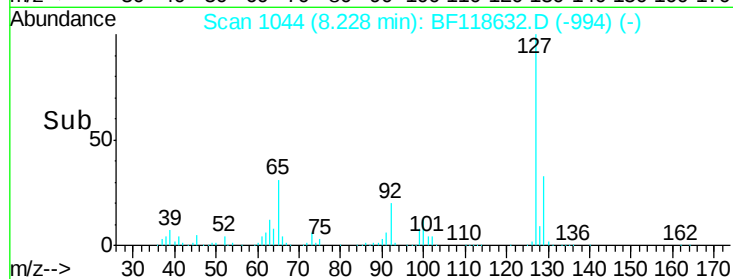
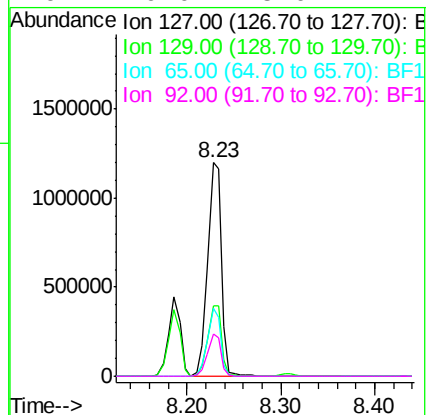
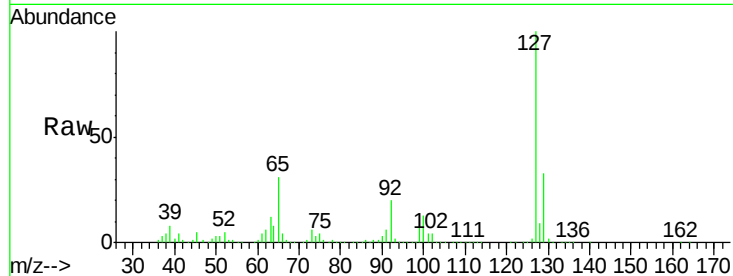
#33
4-Chloroaniline
Concen: 41.408 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	33.1	27.4	41.0	
65	31.5	23.6	35.4	
92	20.0	15.0	22.4	

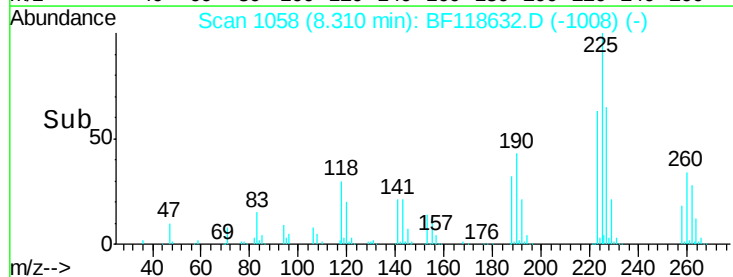
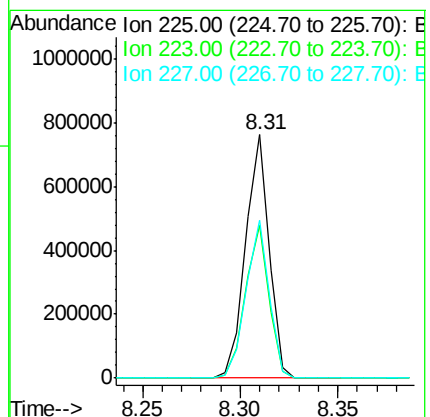
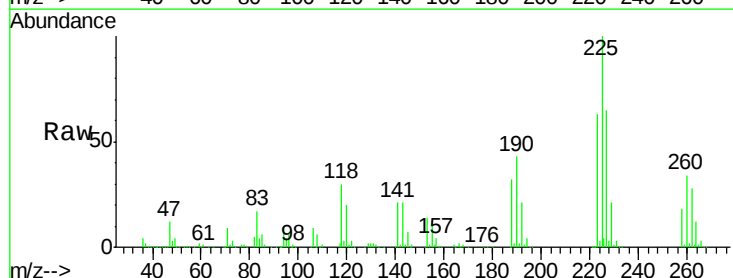
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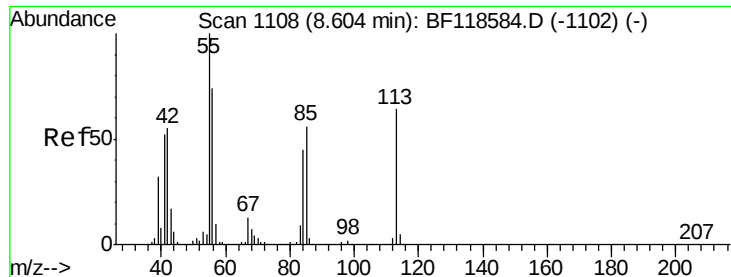
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#34
Hexachlorobutadiene
Concen: 42.137 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	62.9	50.2	75.4	
227	64.9	52.1	78.1	





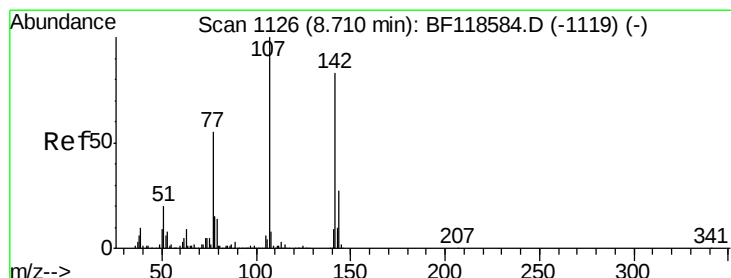
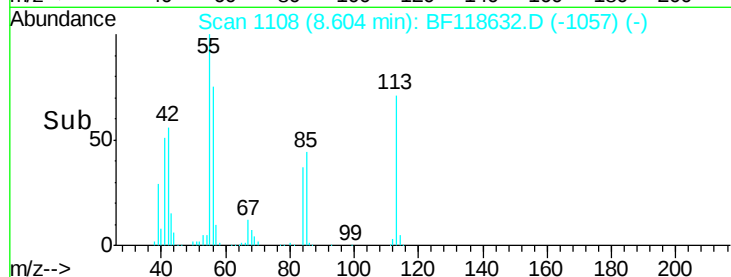
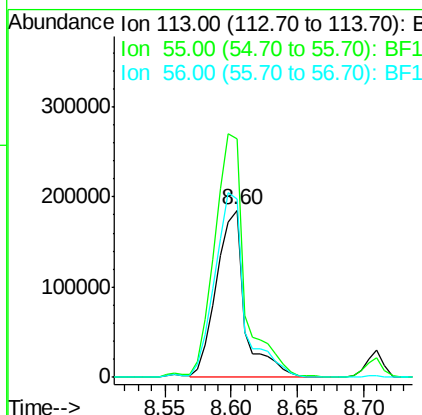
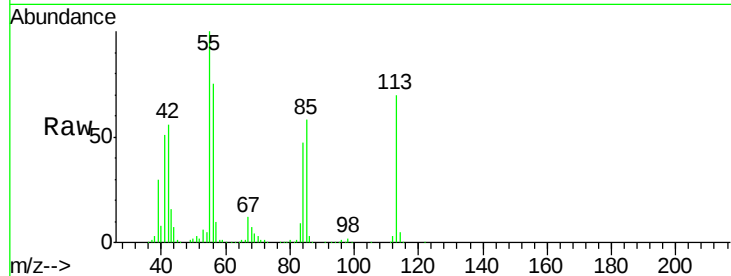
#35
 Caprolactam
 Concen: 39.526 ng/ml
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: BF118632.D
 Acq: 21 Jan 2020 13:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	142.1	136.1	176.1
56	106.7	95.2	135.2

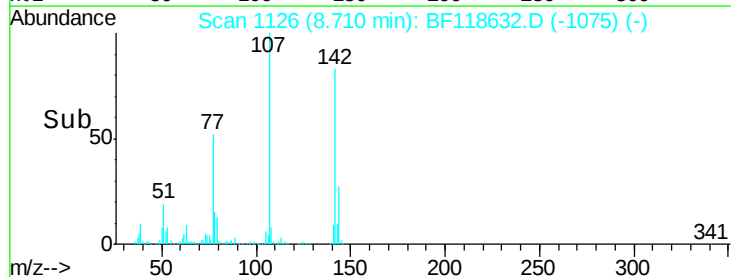
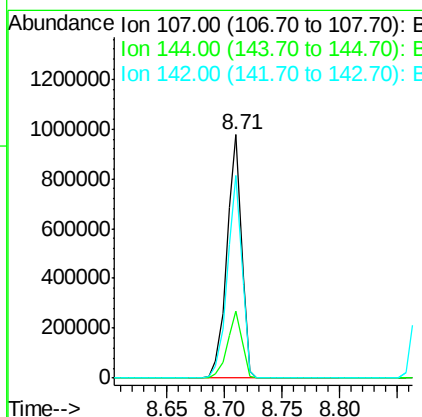
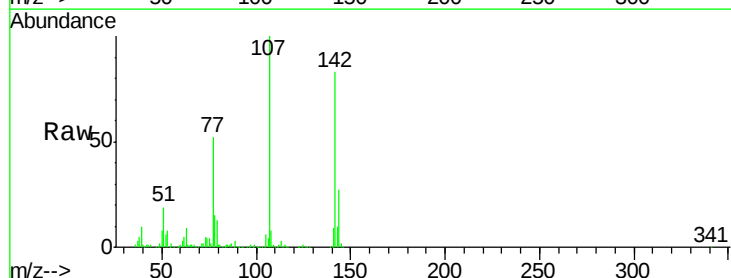
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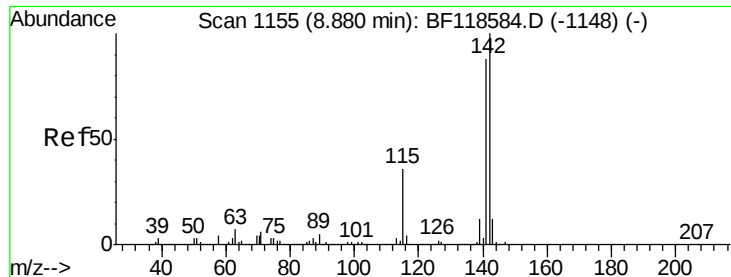
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#36
 4-Chloro-3-methylphenol
 Concen: 40.985 ng/ml
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF118632.D
 Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	21.8	32.8
142	83.0	66.5	99.7





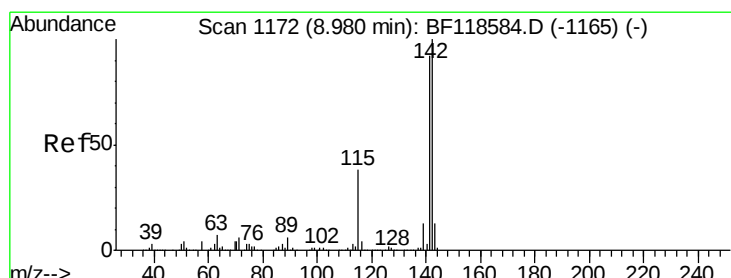
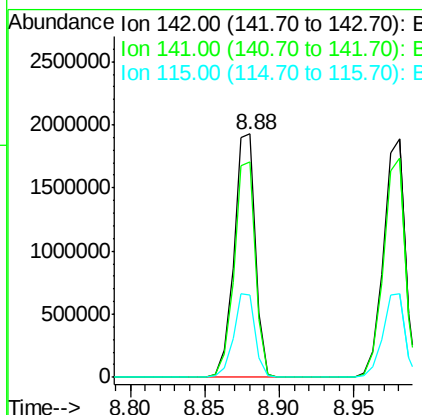
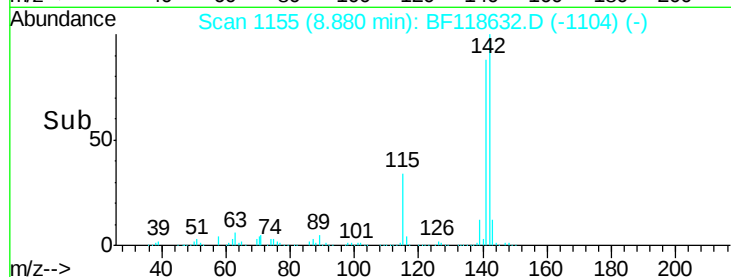
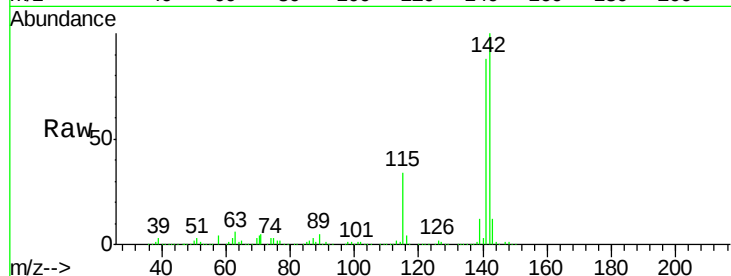
#37
2-Methylnaphthalene
Concen: 42.328 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.7	106.1
115	34.0	28.5	42.7

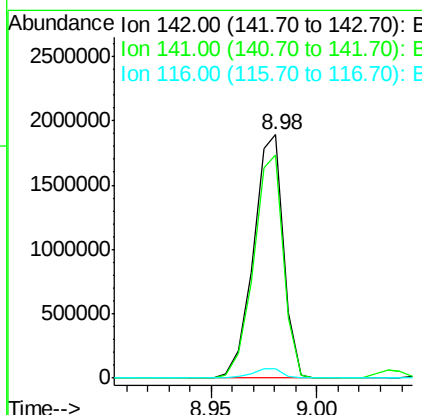
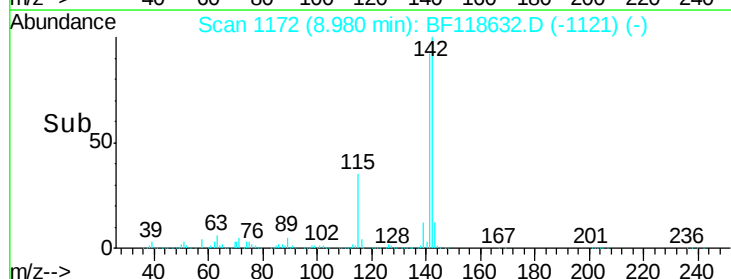
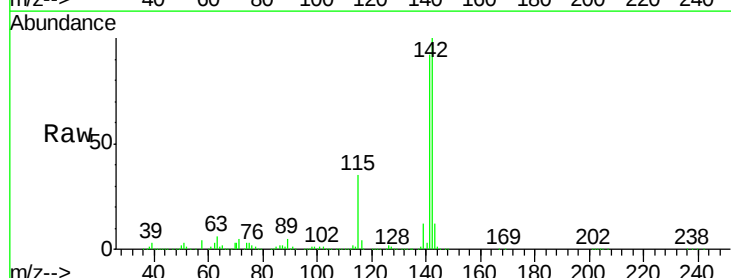
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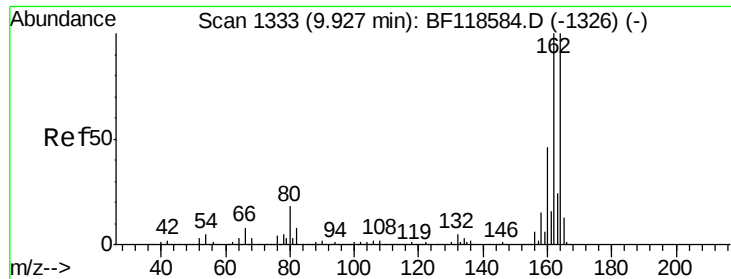
mohammad
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#38
1-Methylnaphthalene
Concen: 42.800 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.2
116	3.7	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

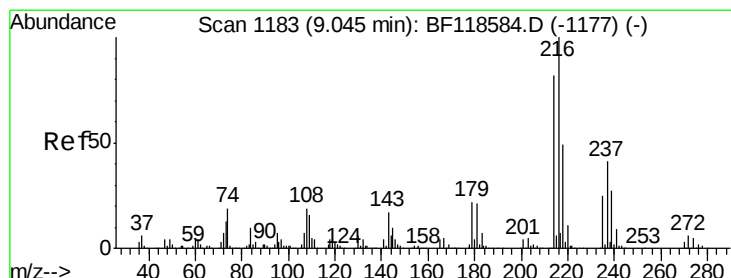
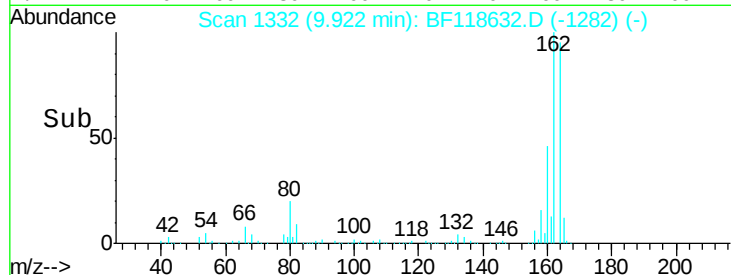
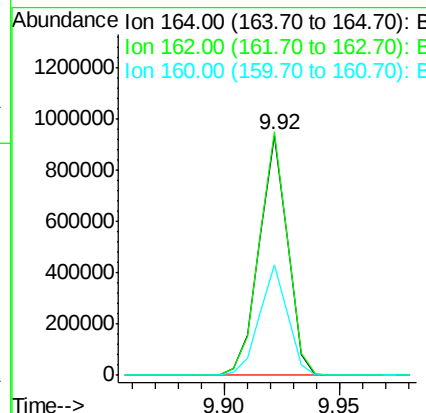
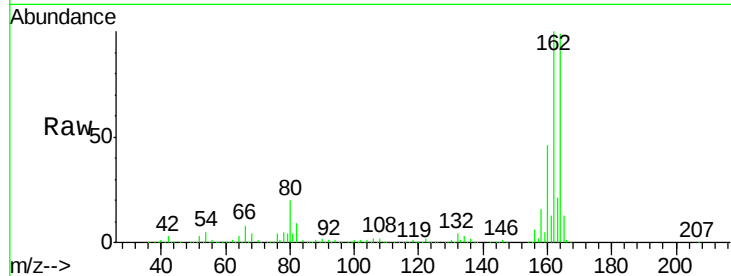
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	807961
Ion Ratio	Lower	Upper	
164	100		
162	101.3	80.4	120.6
160	46.2	36.6	55.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.197 ng

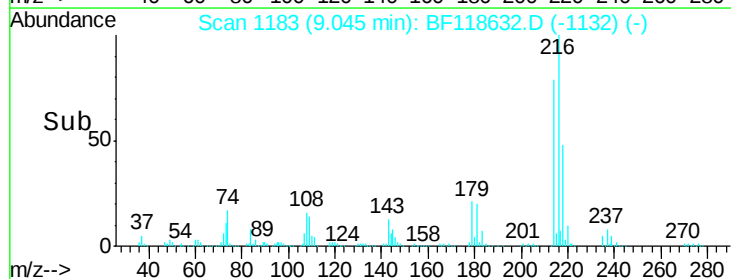
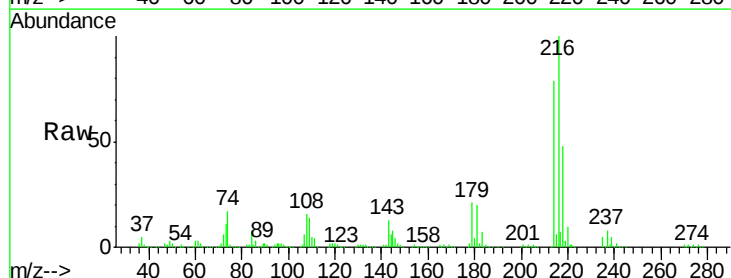
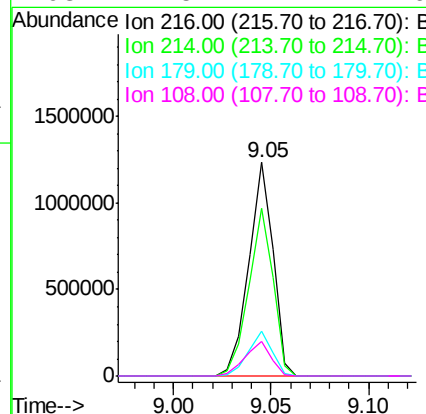
RT: 9.05 min Scan# 1183

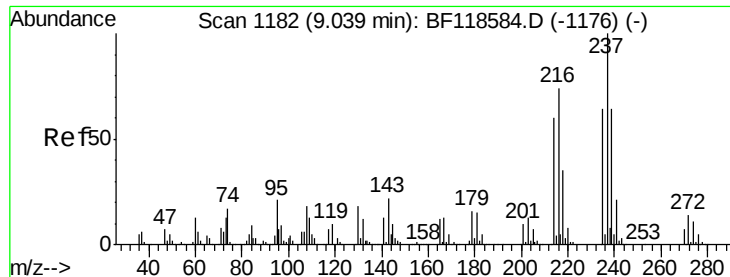
Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Tgt Ion:	216	Resp:	1066777
Ion Ratio	Lower	Upper	
216	100		
214	79.0	64.2	96.2
179	20.4	16.6	25.0
108	17.5	14.4	21.6





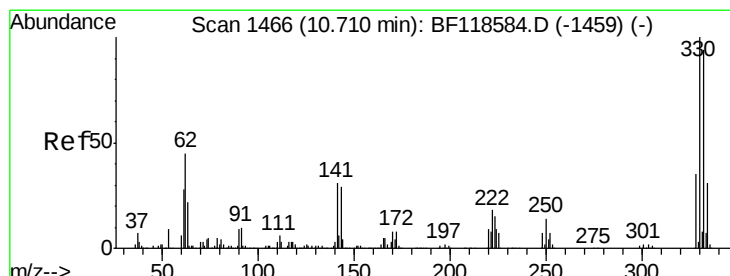
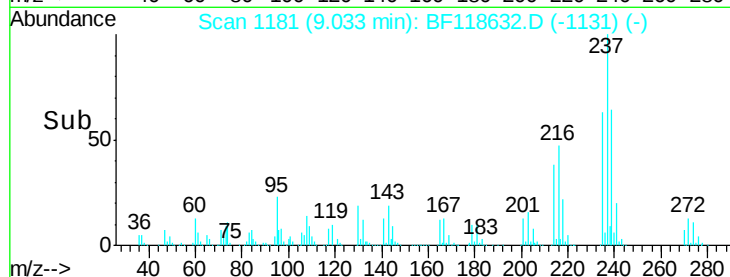
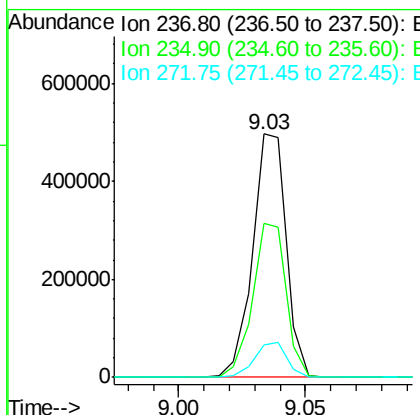
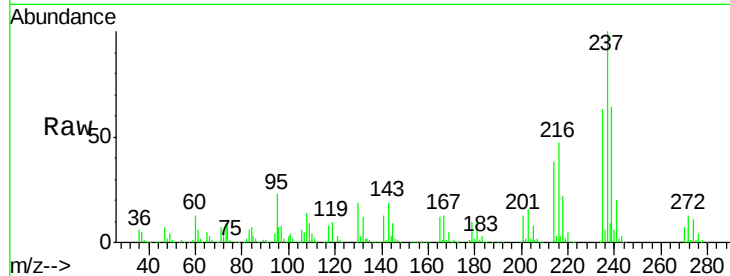
#41
Hexachlorocyclopentadiene
Concen: 35.932 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.3	44.0	84.0
272	13.4	0.0	34.0

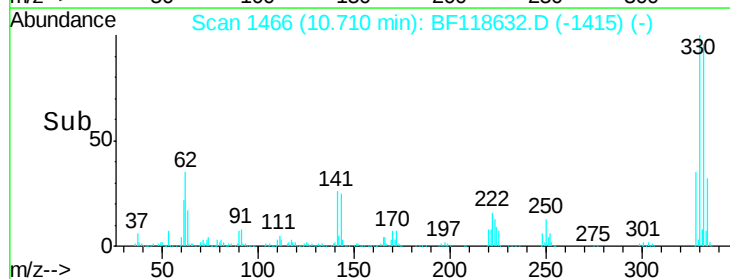
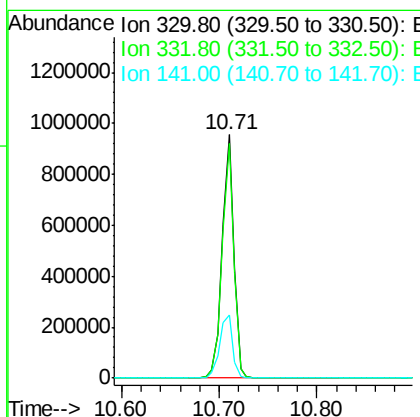
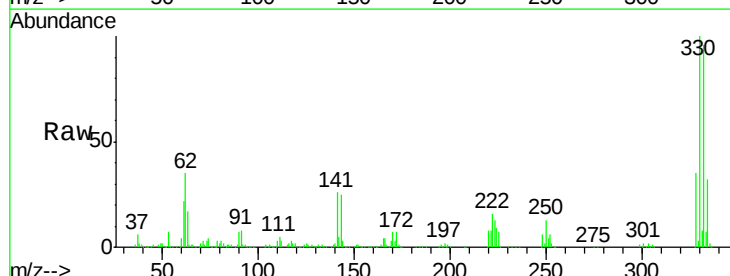
Manual Integrations
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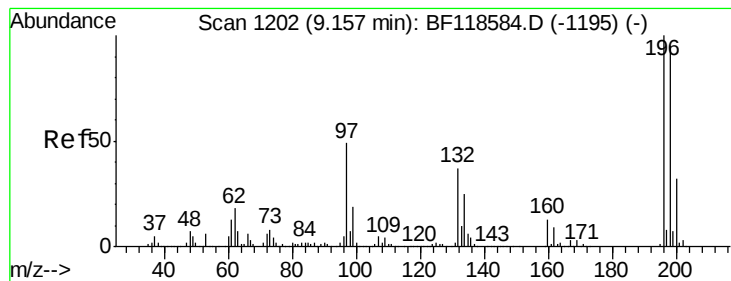
mohammad
1/22/2020 1:36:15 PM



#42
2,4,6-Tribromophenol
Concen: 85.512 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.1	76.2	114.4
141	28.6	23.9	35.9





#43

2,4,6-Trichlorophenol

Concen: 41.926 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

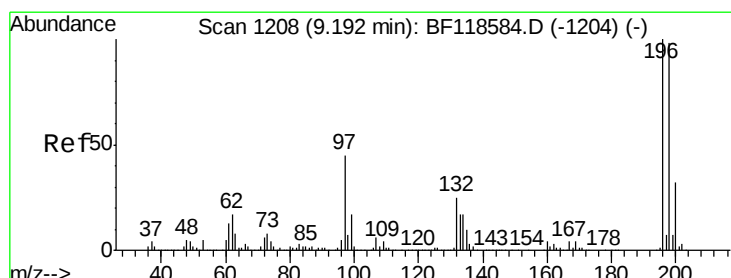
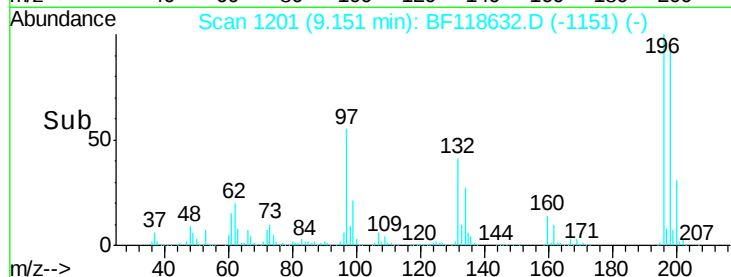
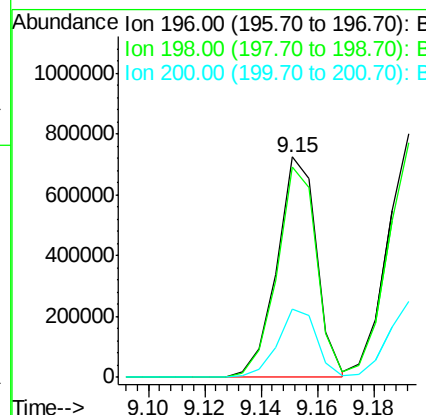
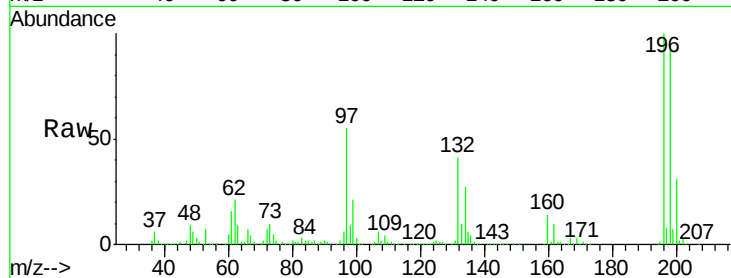
ClientSampleId :

SSTDCCC040

Tot Ion:	196	Resp:	703339
Ion Ratio	Lower	Upper	
196	100		
198	95.5	76.3	114.5
200	31.0	25.4	38.2

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#44

2,4,5-Trichlorophenol

Concen: 41.631 ng

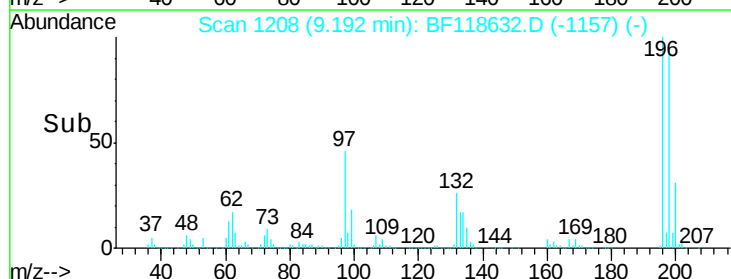
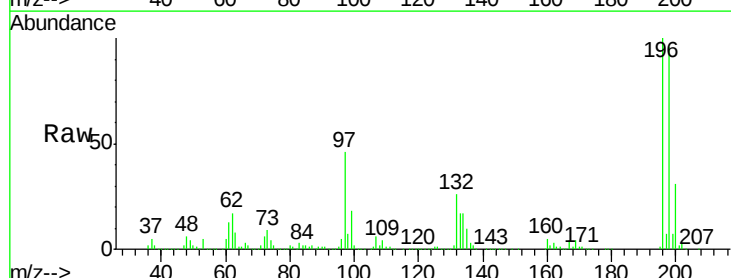
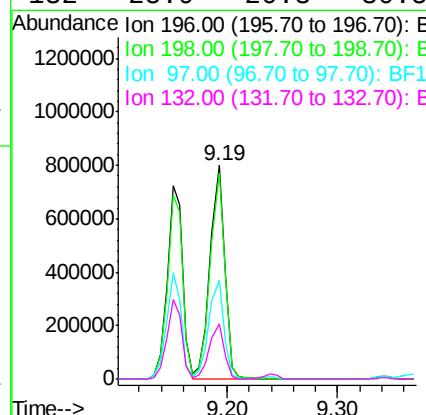
RT: 9.19 min Scan# 1208

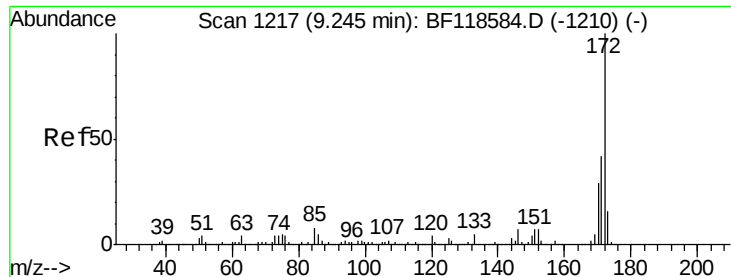
Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Tgt Ion:	196	Resp:	713271
Ion Ratio	Lower	Upper	
196	100		
198	96.4	78.3	117.5
97	46.1	35.9	53.9
132	25.9	20.3	30.5





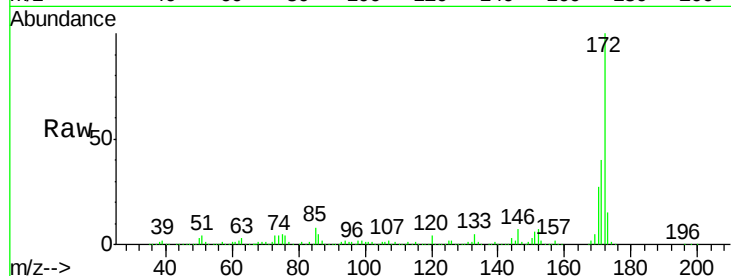
#45
2-Fluorobiphenyl
Concen: 78.423 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

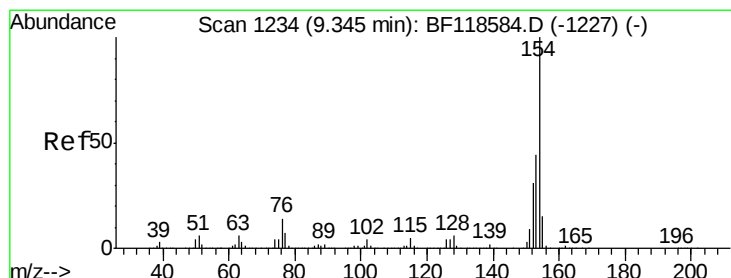
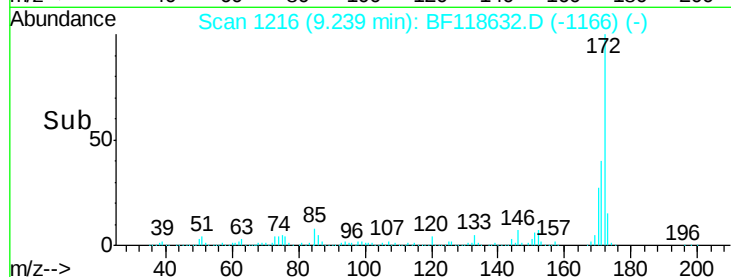
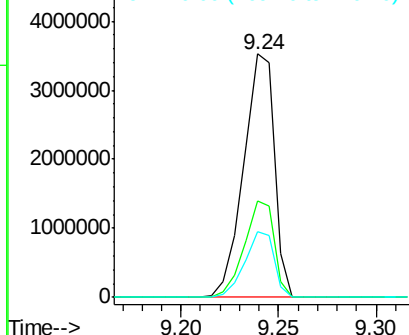
Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	39.8	33.4	50.2	
170	26.8	23.2	34.8	

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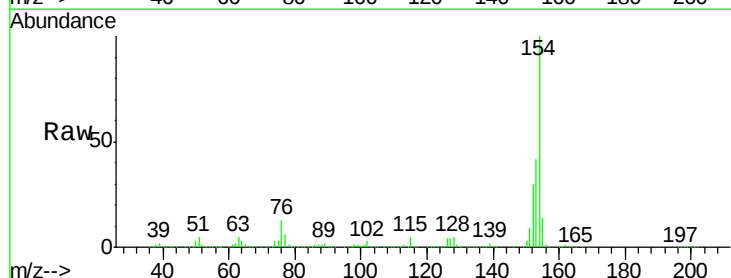


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

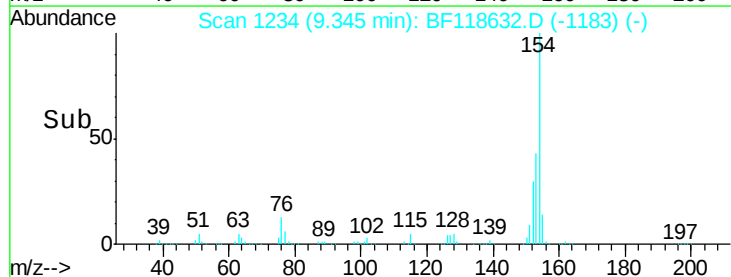
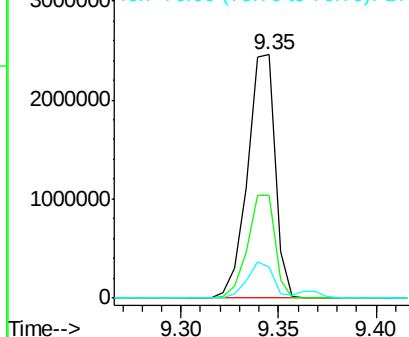


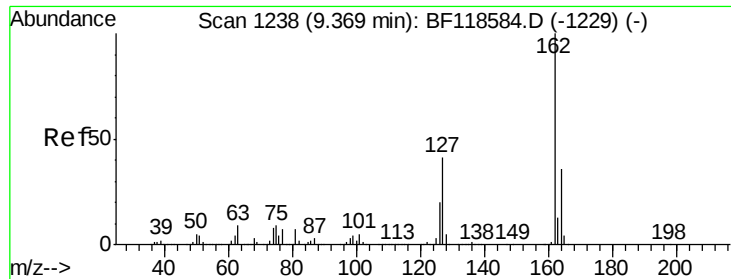
#46
1,1'-Biphenyl
Concen: 43.388 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	42.5	23.8	63.8	
76	12.6	0.0	34.3	



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





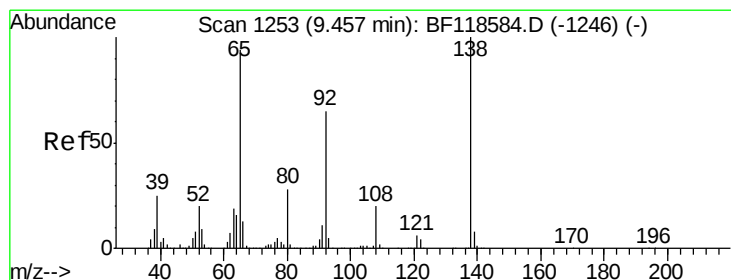
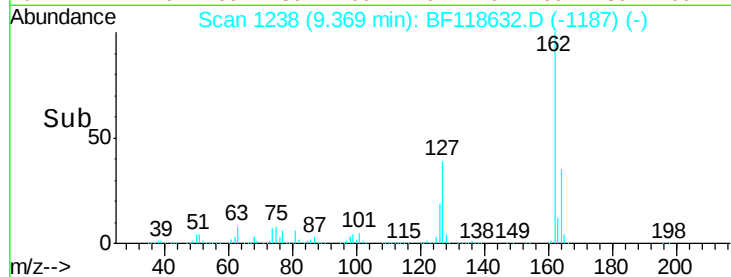
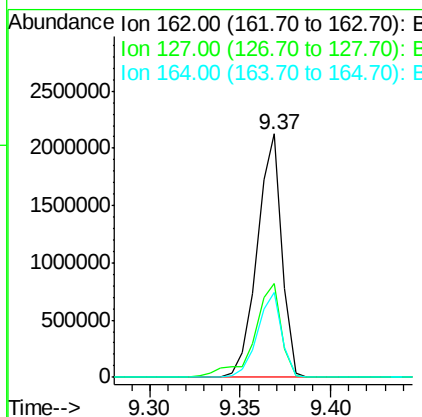
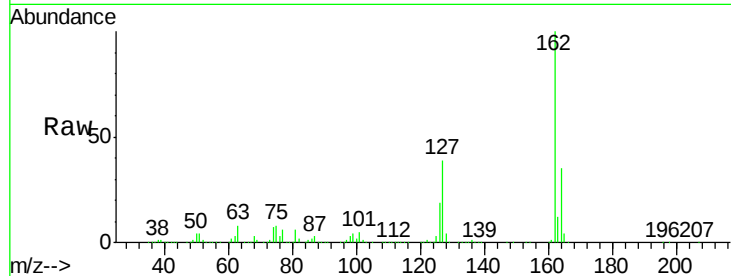
#47
 2-Chloronaphthalene
 Concen: 42.366 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF118632.D
 Acq: 21 Jan 2020 13:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	33.0	49.6
164	35.1	28.6	42.8

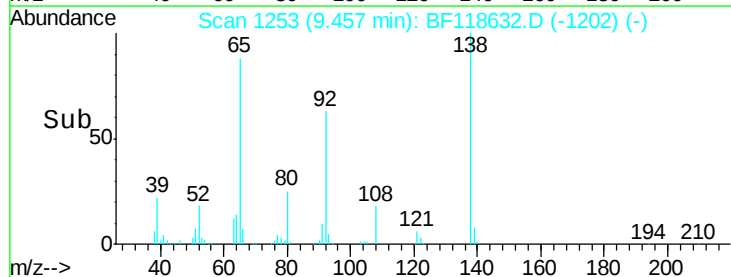
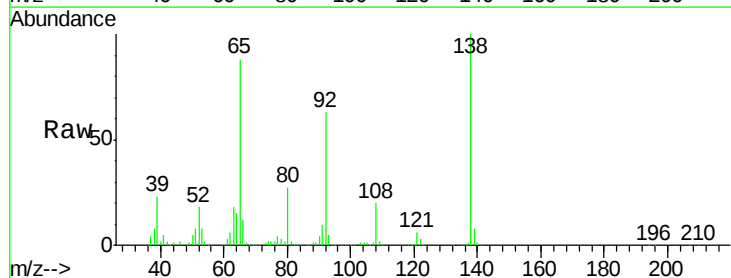
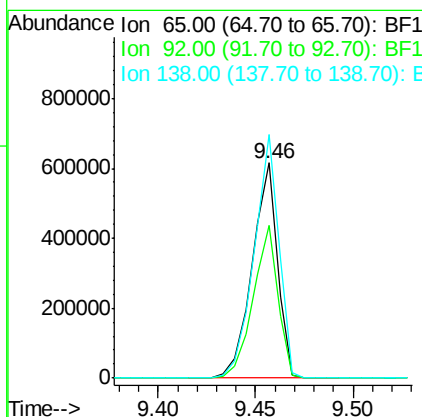
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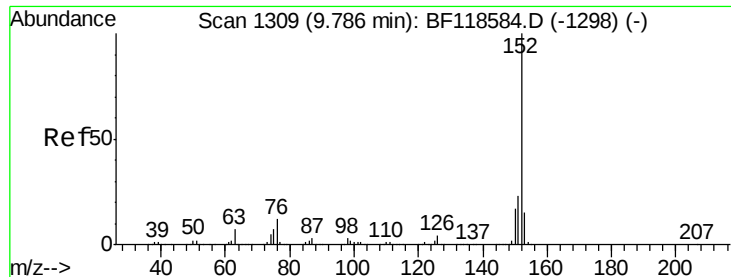
mohammad
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#48
 2-Nitroaniline
 Concen: 38.294 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF118632.D
 Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.2	55.4	83.0
138	113.2	85.0	127.6





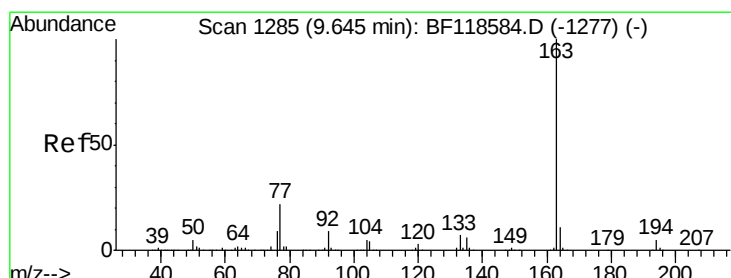
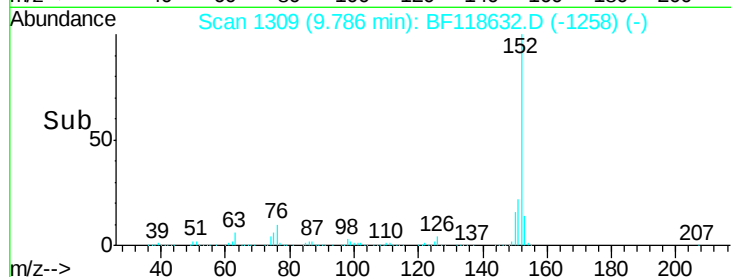
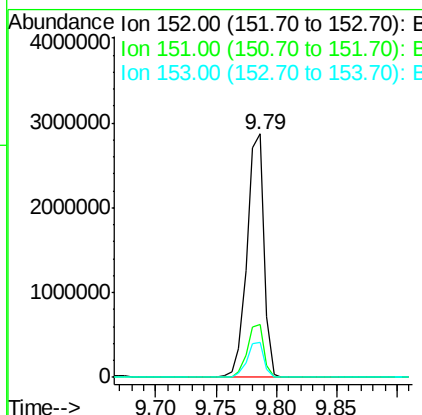
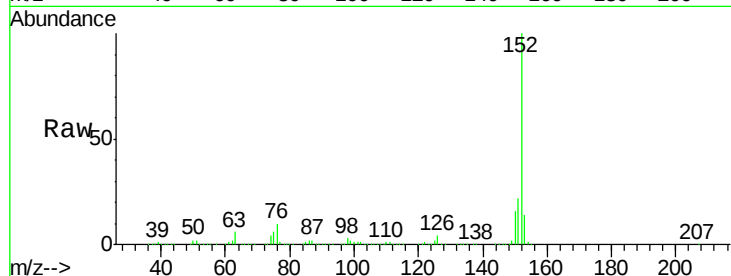
#49
Acenaphthylene
Concen: 42.843 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.9	18.6	27.8
153	14.2	12.2	18.4

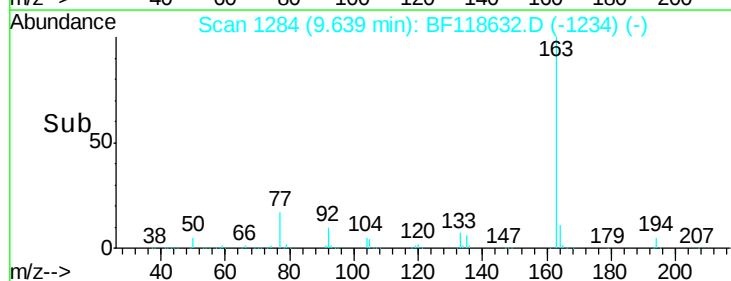
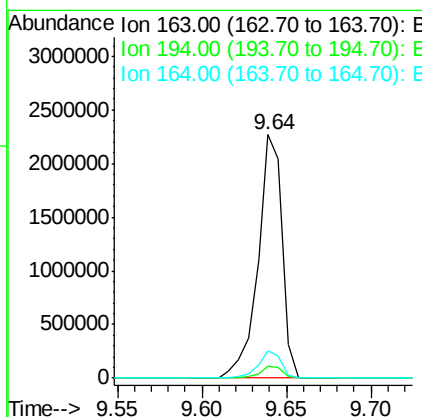
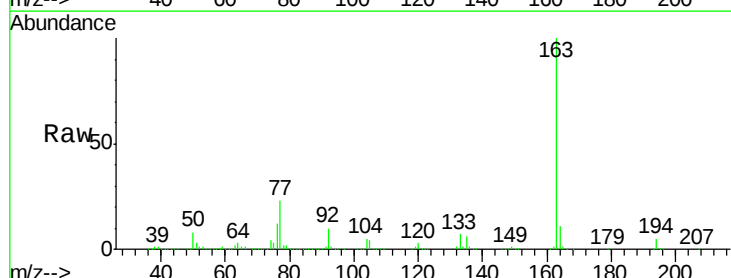
Manual Integrations
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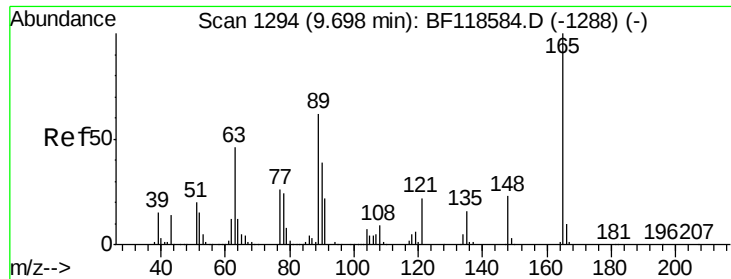
mohammad
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#50
Dimethylphthalate
Concen: 42.629 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.9	5.9
164	11.4	9.1	13.7





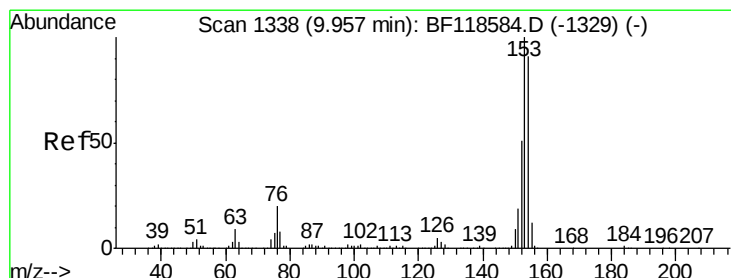
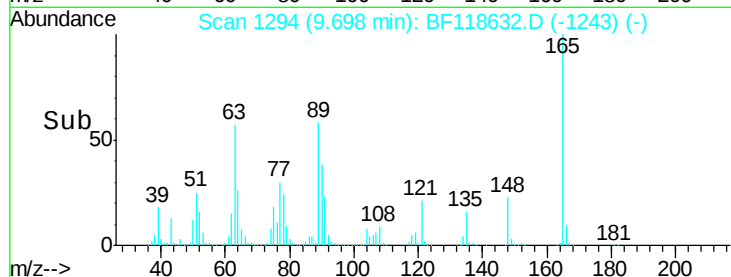
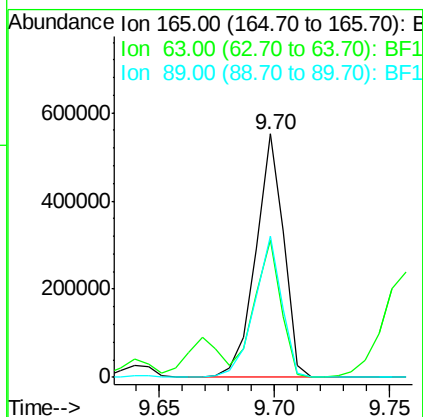
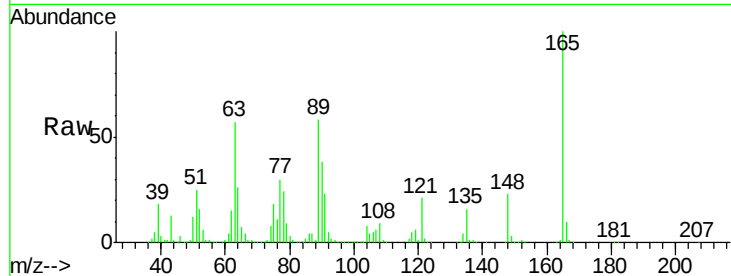
#51
2,6-Dinitrotoluene
Concen: 39.556 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	466265		
63	56.6	48.9	73.3	
89	58.2	49.8	74.6	

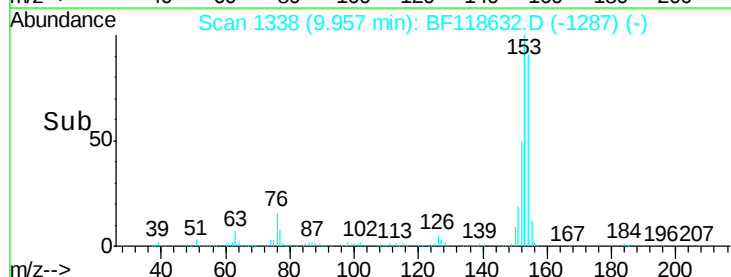
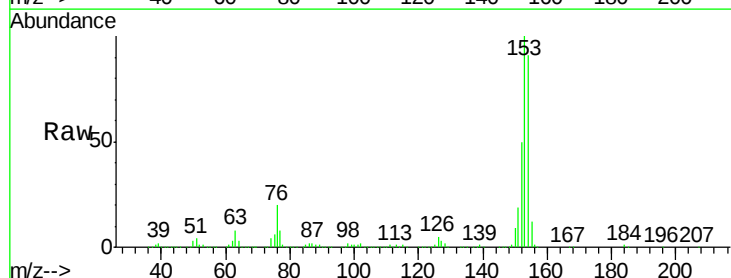
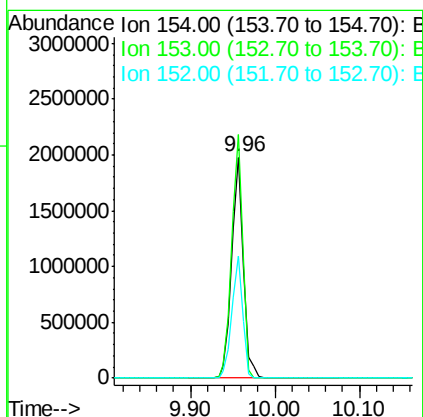
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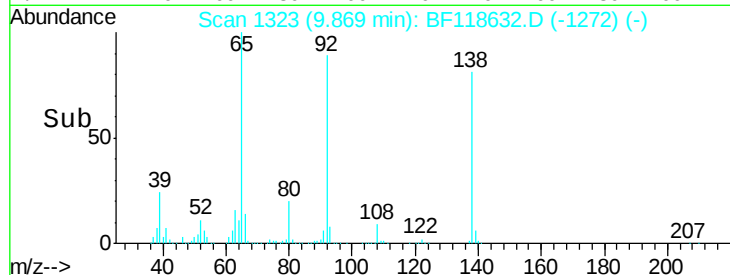
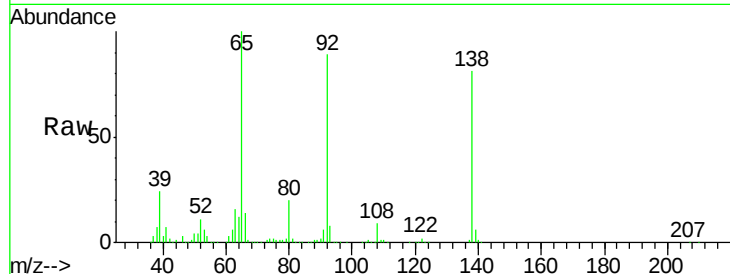
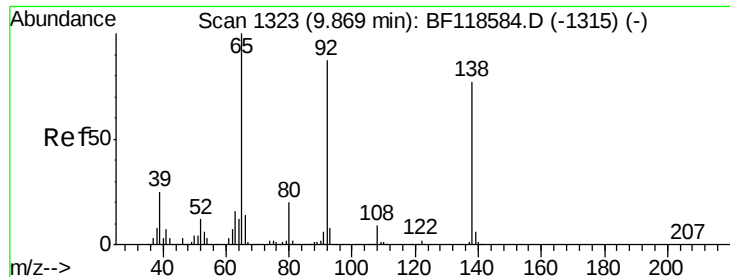
mohammad
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#52
Acenaphthene
Concen: 41.953 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1852290		
153	110.3	87.6	131.4	
152	55.1	44.4	66.6	





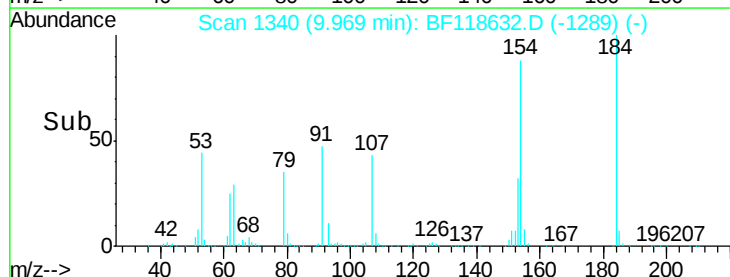
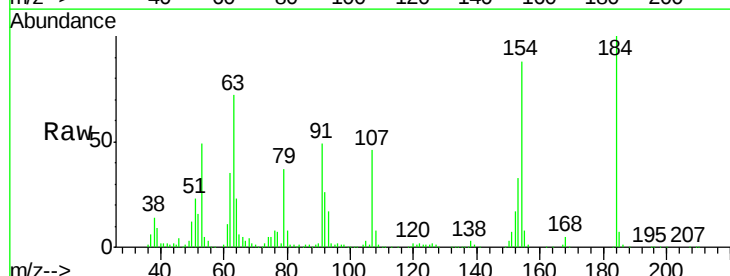
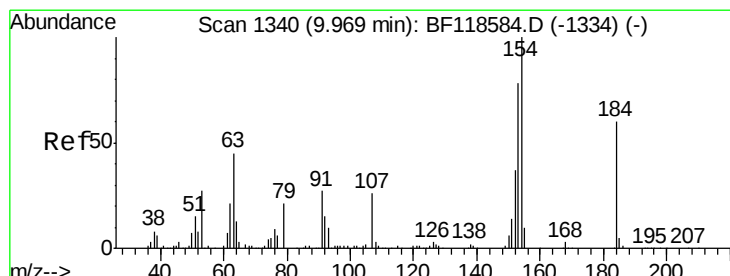
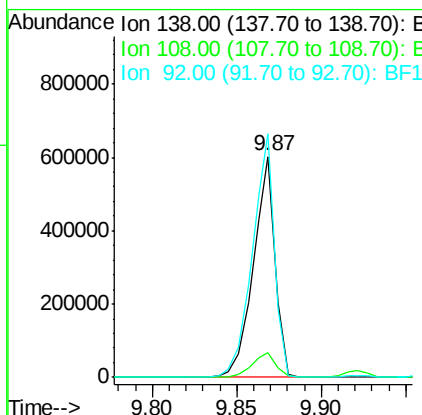
#53
3-Nitroaniline
Concen: 40.152 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.6	14.4
92	110.3	90.6	136.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

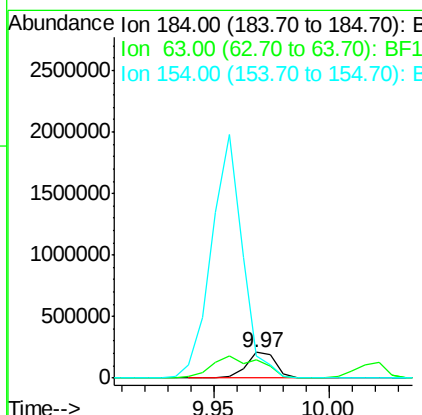
Manual Integrations
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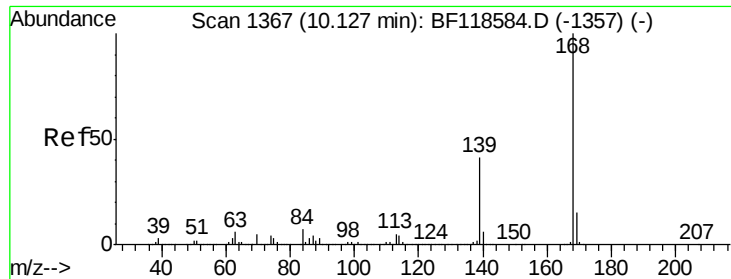
mohammad
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#54
2,4-Dinitrophenol
Concen: 39.935 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.9	60.6	90.8
154	88.2	137.3	205.9#





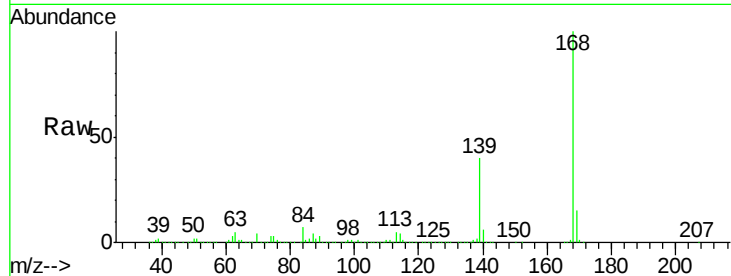
#55
Dibenzofuran
Concen: 42.673 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	32.7	49.1
169	15.2	12.2	18.2

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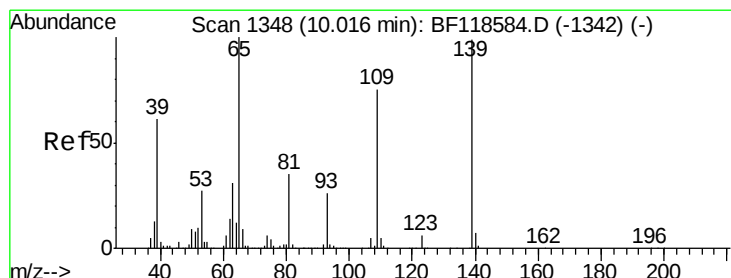
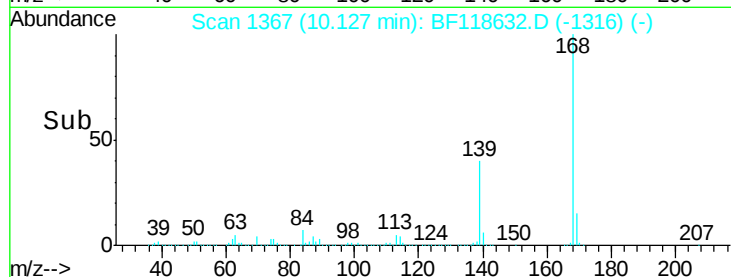
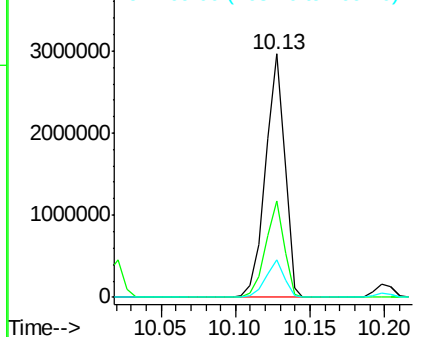


Abundance

Ion 168.00 (167.70 to 168.70): E

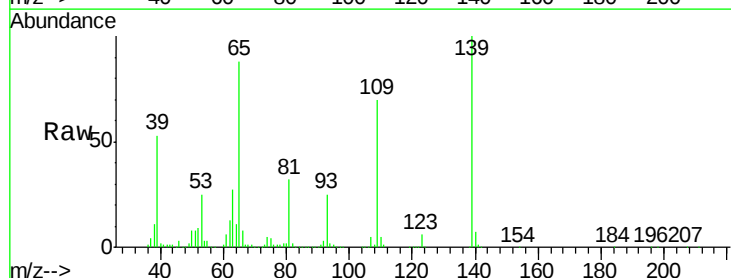
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 39.184 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.0	56.0	96.0
65	88.2	81.4	121.4

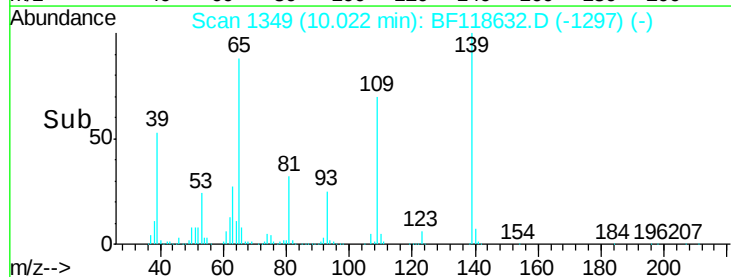
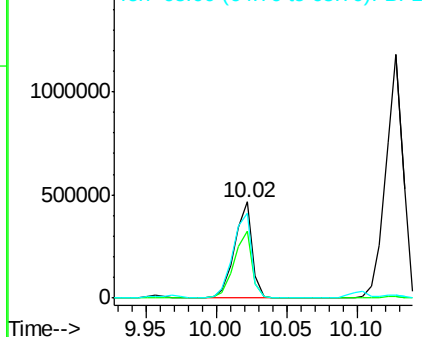


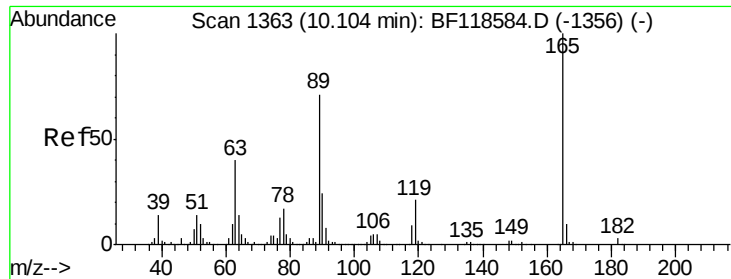
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





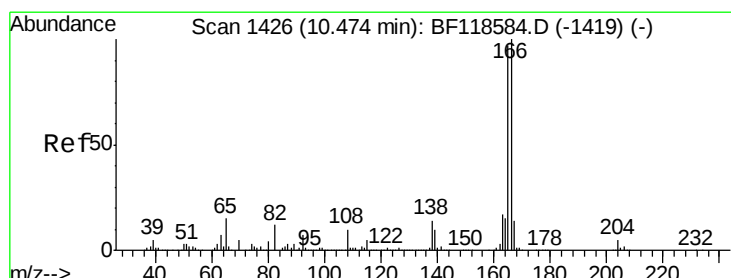
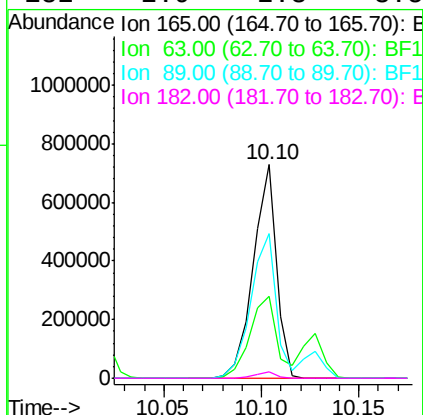
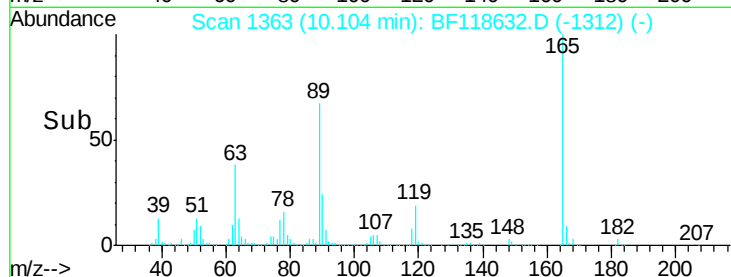
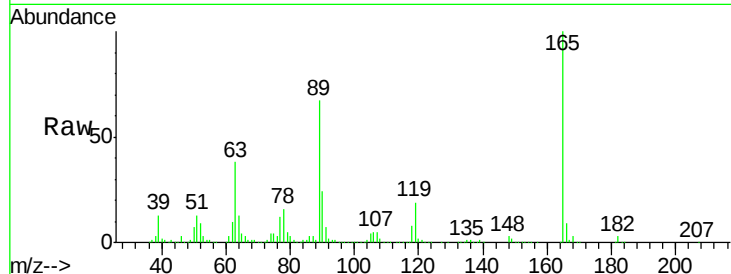
#57
2,4-Dinitrotoluene
Concen: 40.580 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.5	32.4	48.6
89	67.5	56.4	84.6
182	2.9	2.3	3.5

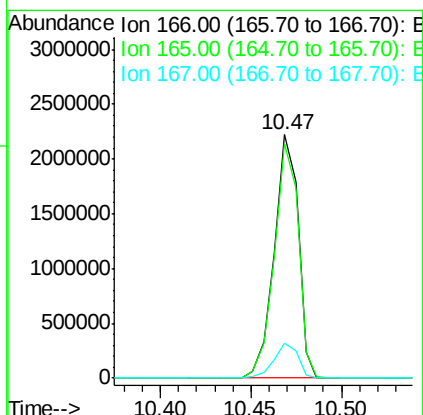
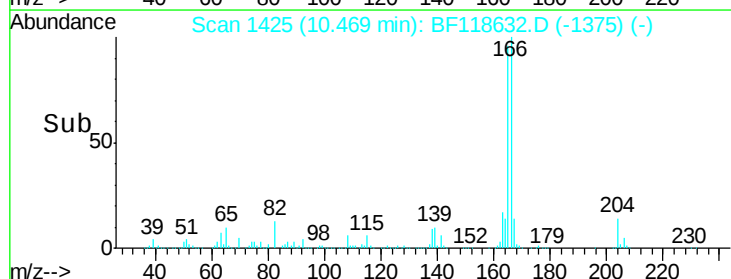
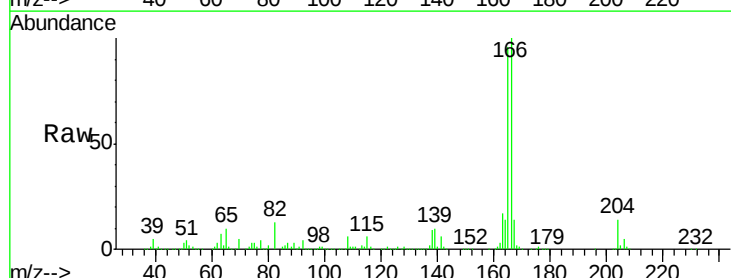
Manual Integrations
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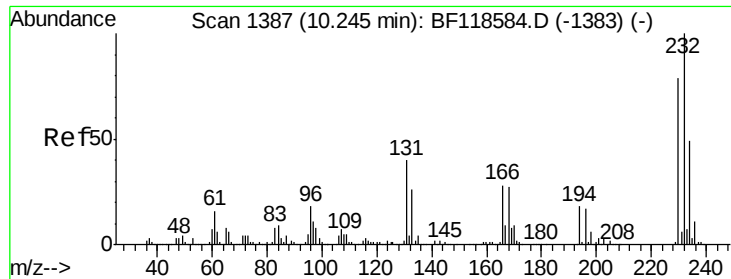
mohammad
1/22/2020 1:36:15 PM



#58
Fluorene
Concen: 42.643 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.3	115.9
167	14.4	11.5	17.3





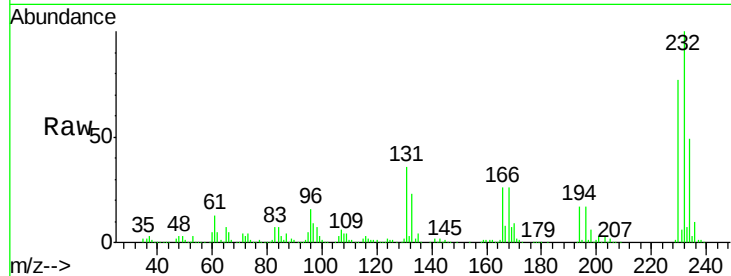
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.416 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

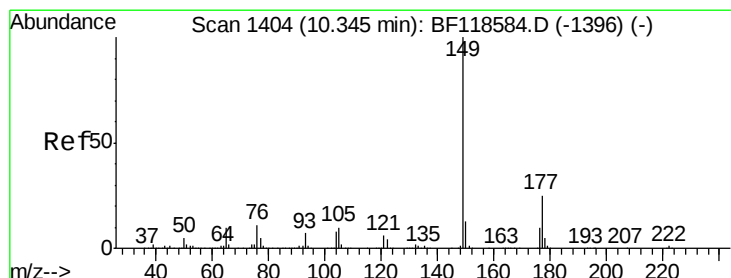
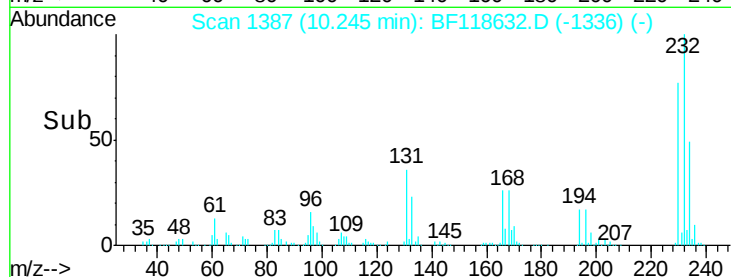
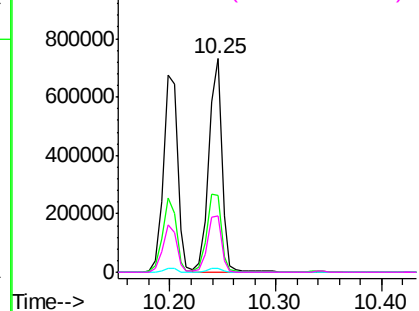
Tot Ion	Ratio	Lower	Upper
232	100		
131	40.5	33.2	49.8
130	2.1	1.8	2.6
166	28.5	22.6	33.8

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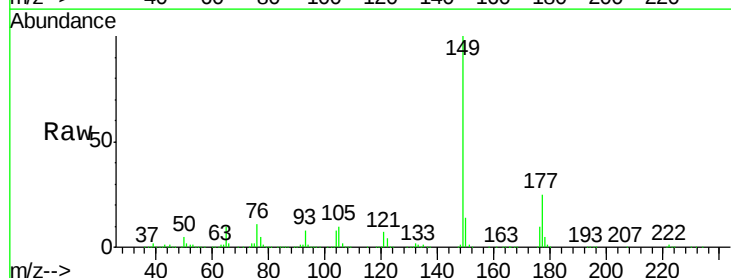


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

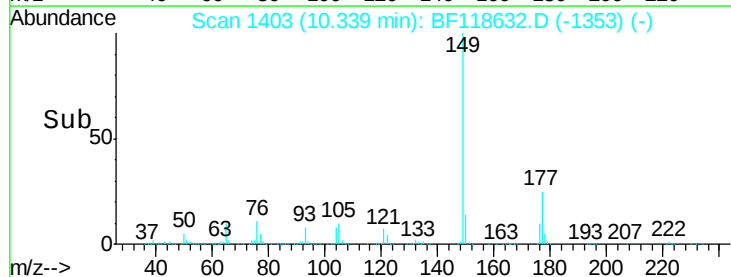
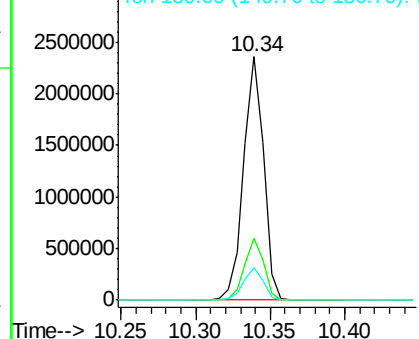


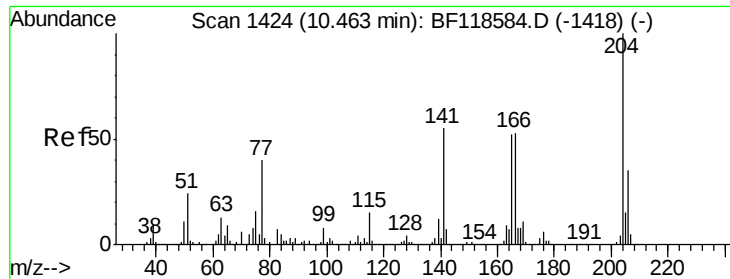
#60
Diethylphthalate
Concen: 43.247 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.2	20.0	30.0
150	13.5	10.6	16.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





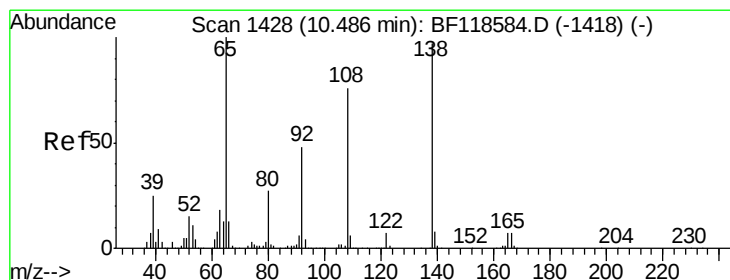
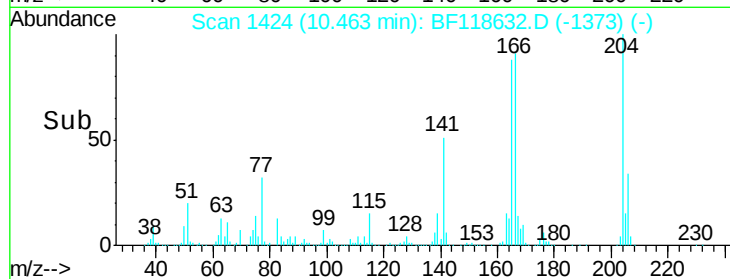
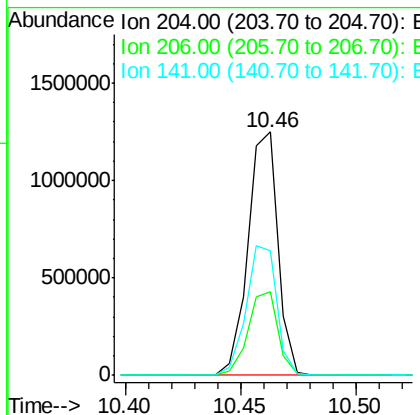
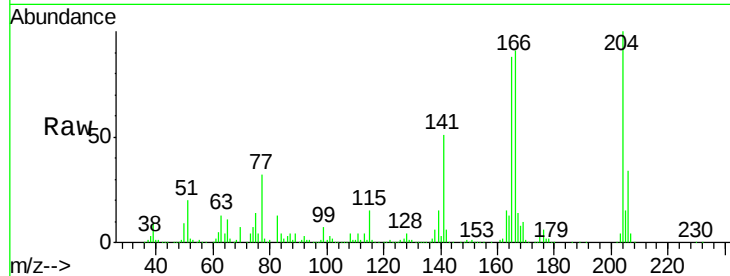
#61
4-Chlorophenyl-phenylether
Concen: 43.412 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 1134110
Ion Ratio Lower Upper
204 100
206 34.5 27.8 41.6
141 51.0 43.7 65.5

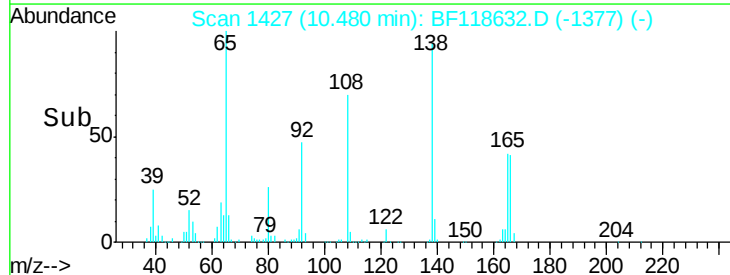
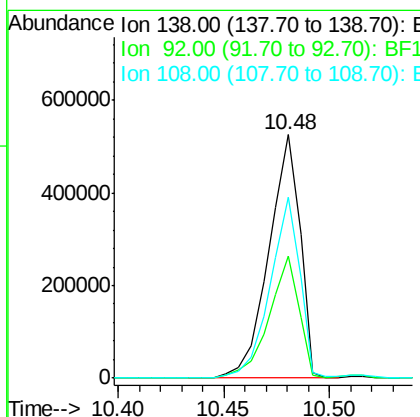
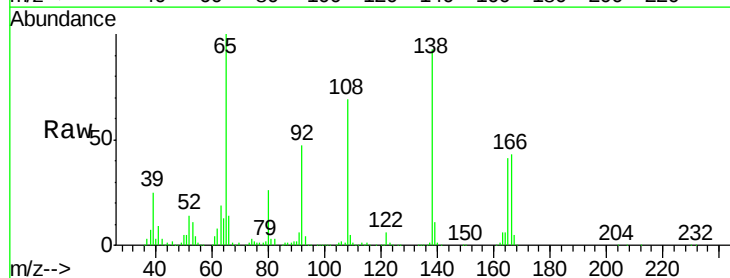
Manual Integrations
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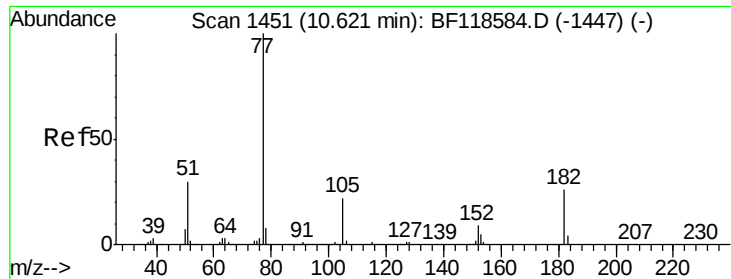
mohammad
1/22/2020 1:36:15 PM



#62
4-Nitroaniline
Concen: 39.304 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion:138 Resp: 542652
Ion Ratio Lower Upper
138 100
92 50.1 29.4 69.4
108 74.5 58.2 98.2





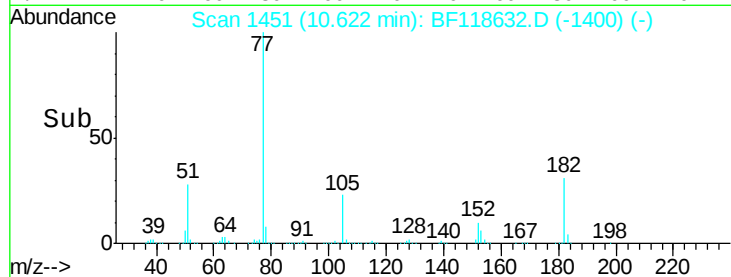
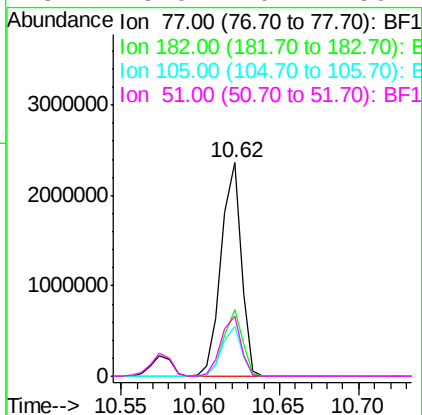
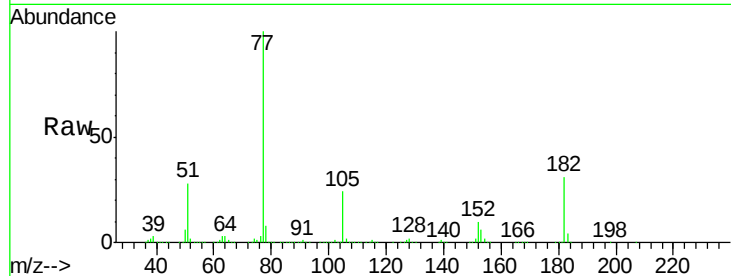
#63
Azobenzene
Concen: 42.102 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.0	5.6	45.6
105	23.7	2.0	42.0
51	28.0	10.2	50.2

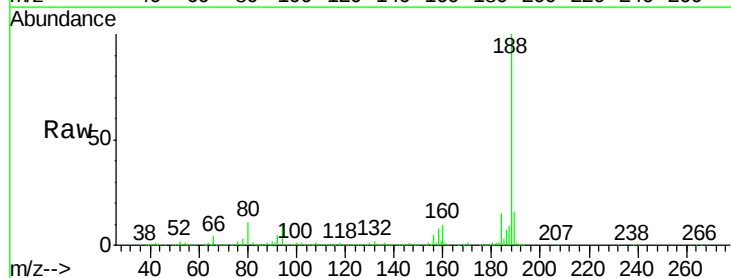
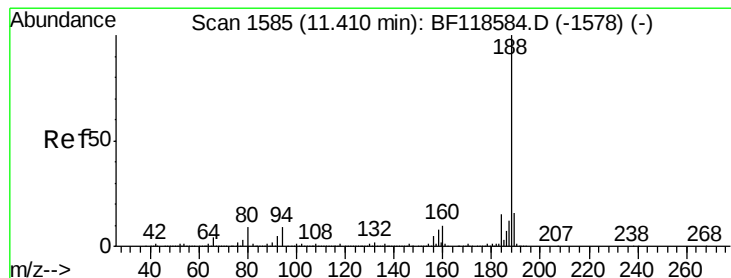
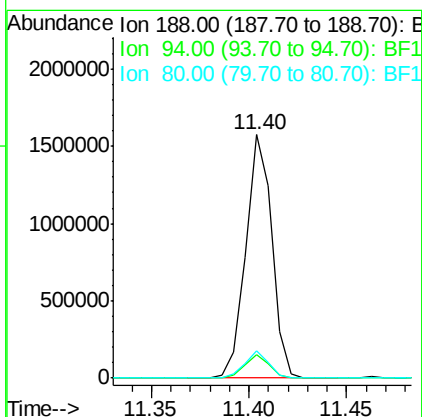
Manual Integrations
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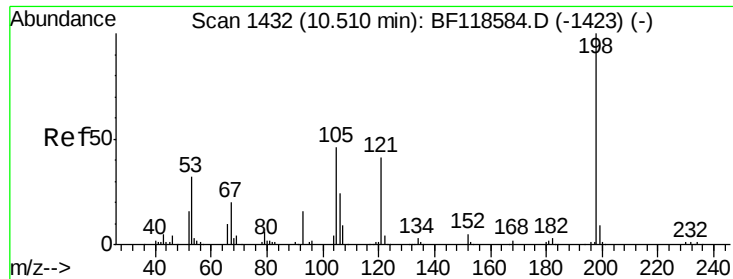
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.1	10.7
80	11.0	7.5	11.3





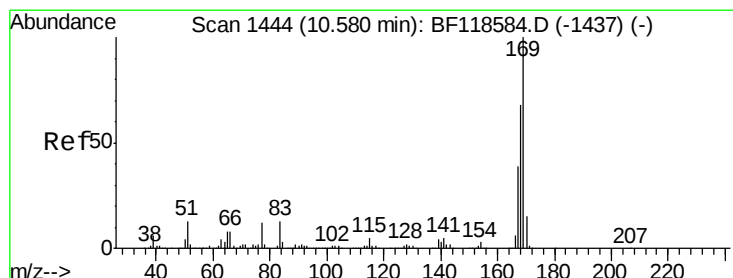
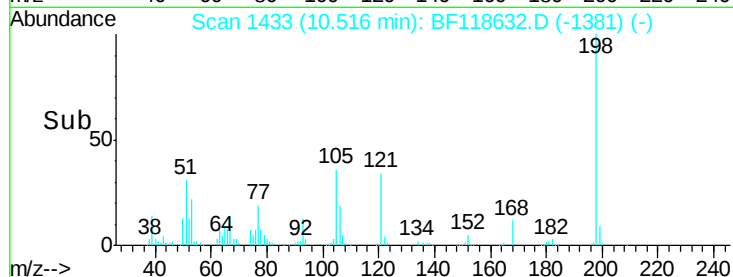
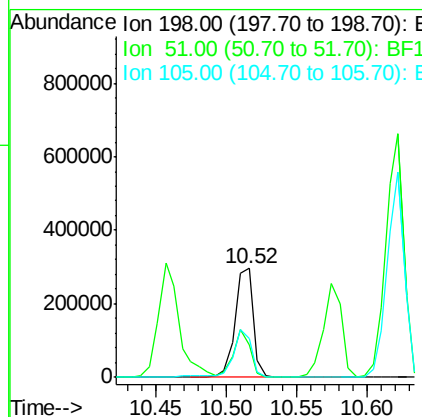
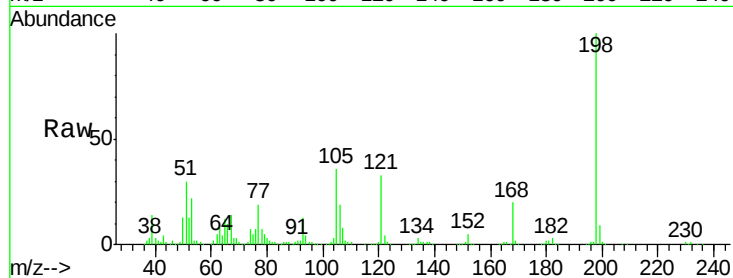
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.690 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF118632.D
 Acq: 21 Jan 2020 13:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	30.1	25.2	65.2
105	35.9	26.3	66.3

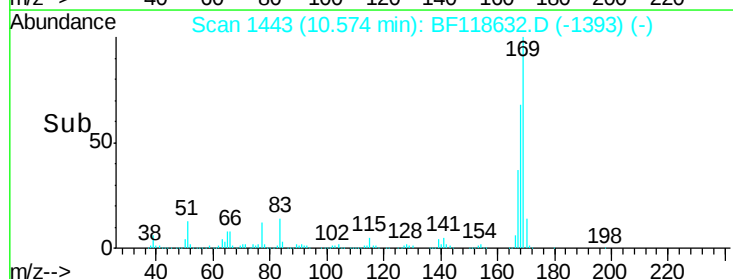
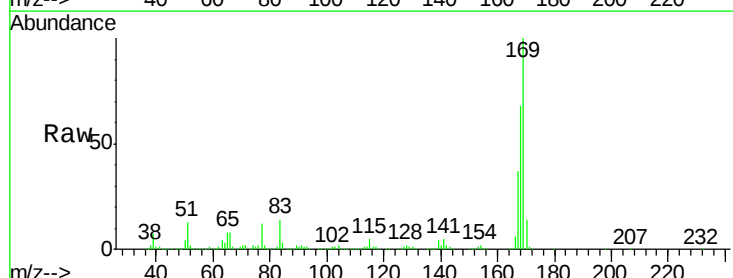
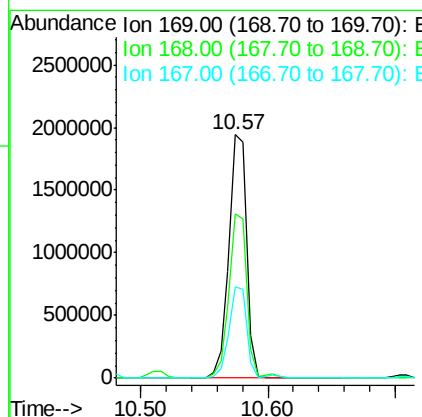
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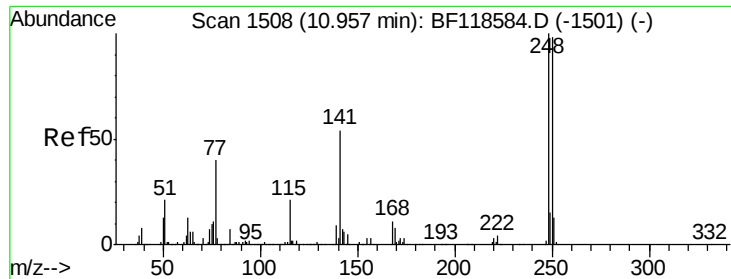
mohammad
 1/22/2020 1:36:15 PM



#66
 n-Nitrosodiphenylamine
 Concen: 42.696 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF118632.D
 Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.6	82.0
167	37.5	30.9	46.3





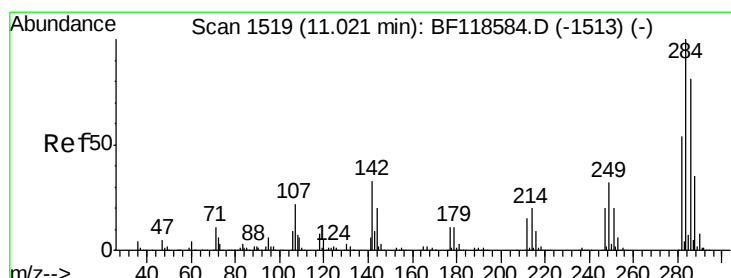
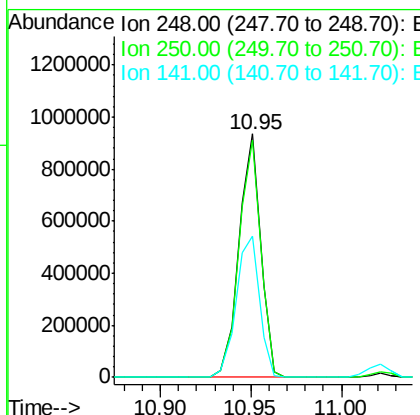
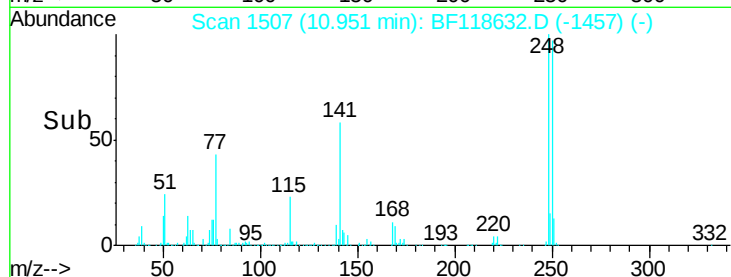
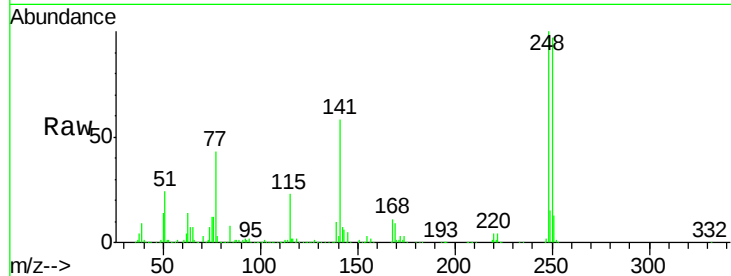
#67
4-Bromophenyl-phenylether
Concen: 43.211 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.7	118.1
141	58.2	43.2	64.8

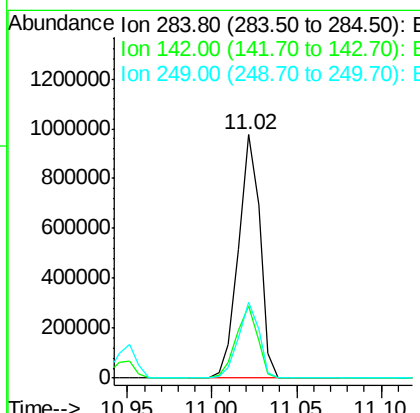
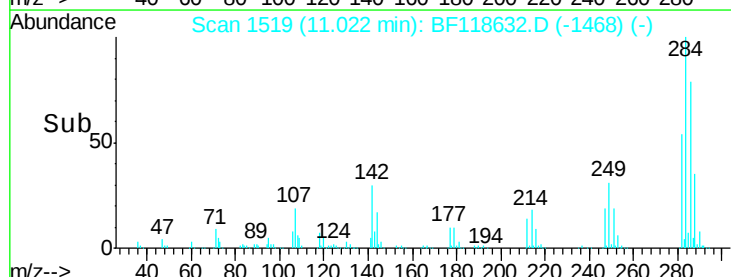
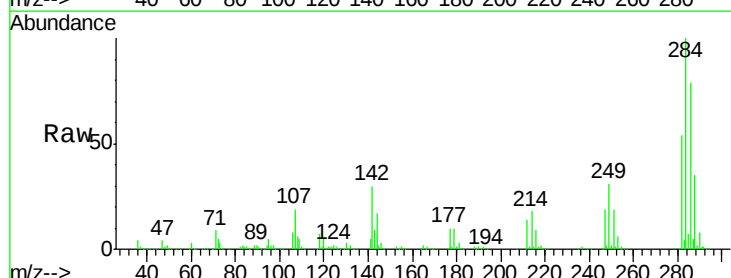
Manual Integrations
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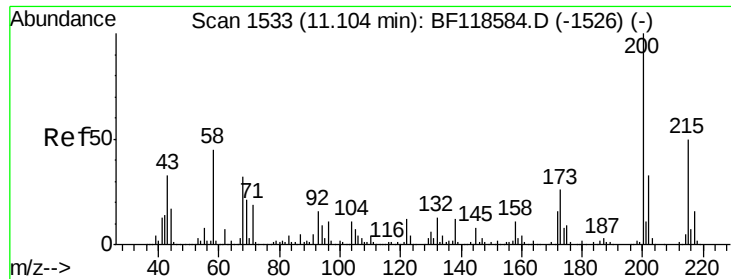
mohammad
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#68
Hexachlorobenzene
Concen: 42.254 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	26.6	39.8
249	30.9	25.2	37.8





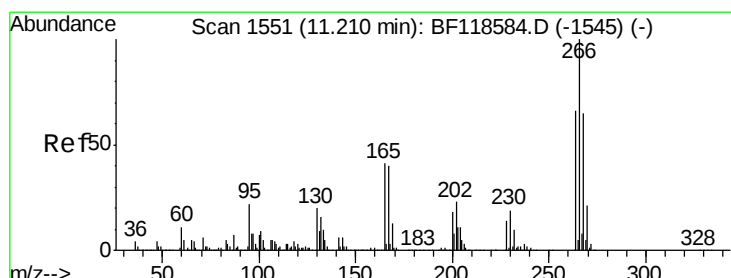
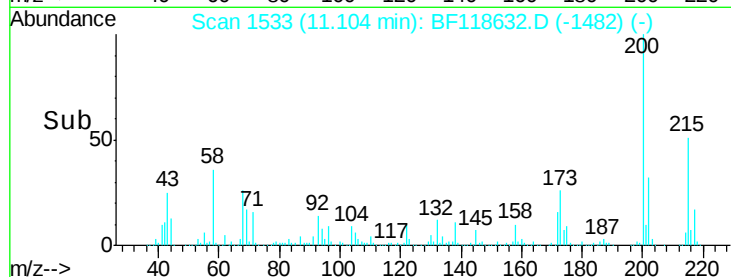
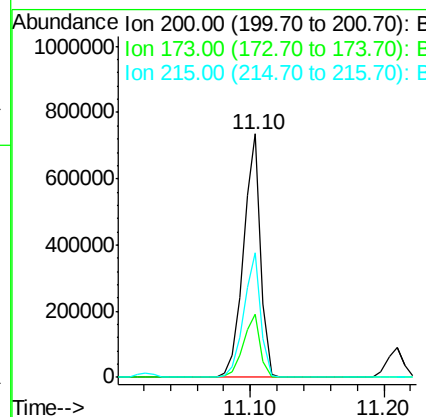
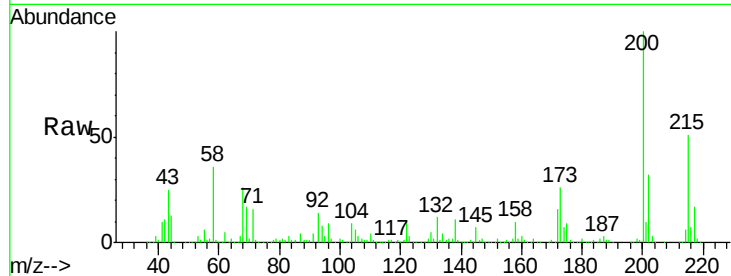
#69
Atrazine
Concen: 42.768 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	6.3	46.3
215	51.2	30.2	70.2

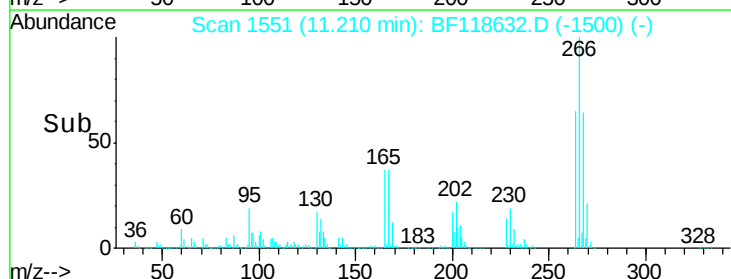
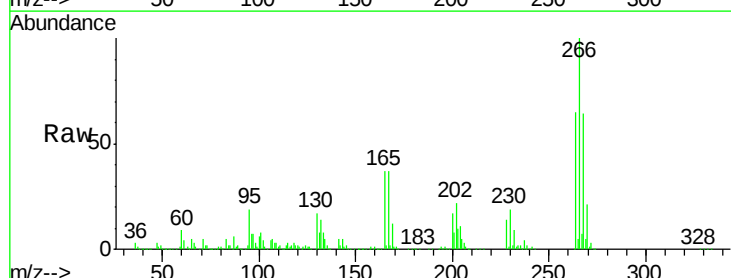
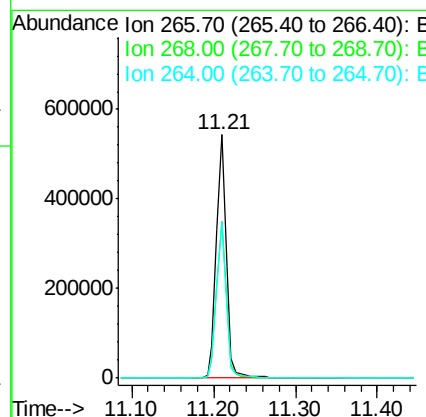
Manual Integrations
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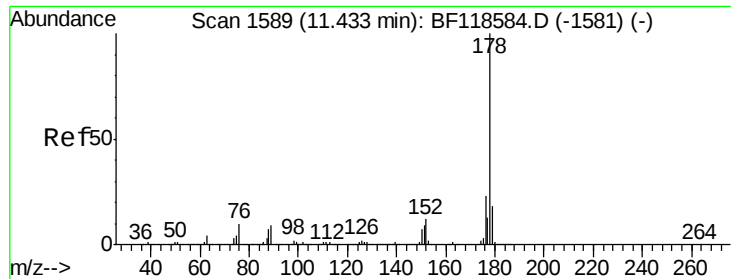
mohammad
1/22/2020 1:36:15 PM



#70
Pentachlorophenol
Concen: 40.809 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.1	78.1
264	64.6	52.4	78.6





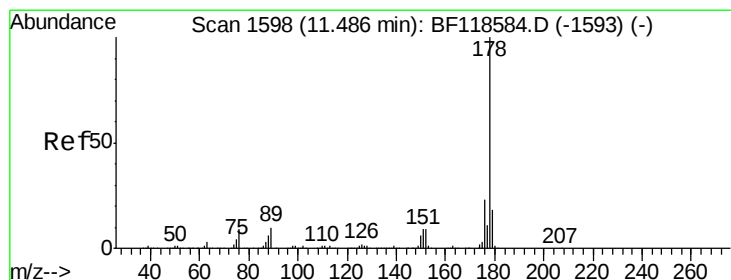
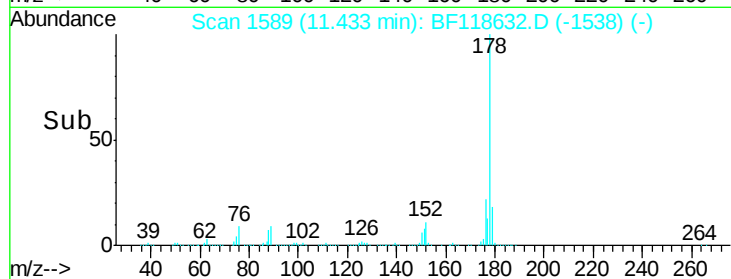
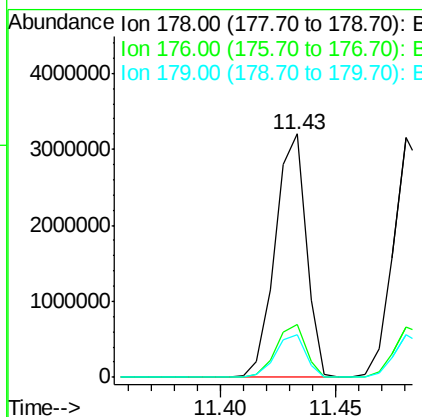
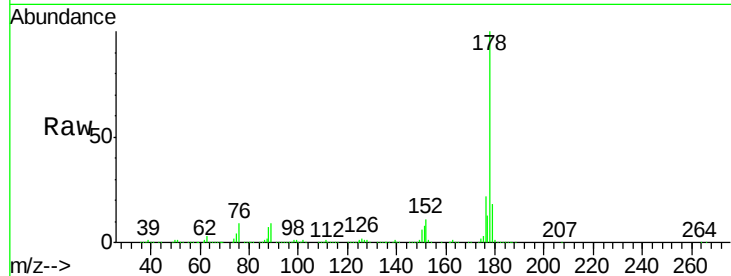
#71
Phenanthrene
Concen: 42.366 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 2978724
Ion Ratio Lower Upper
178 100
176 21.9 18.6 27.8
179 17.5 14.7 22.1

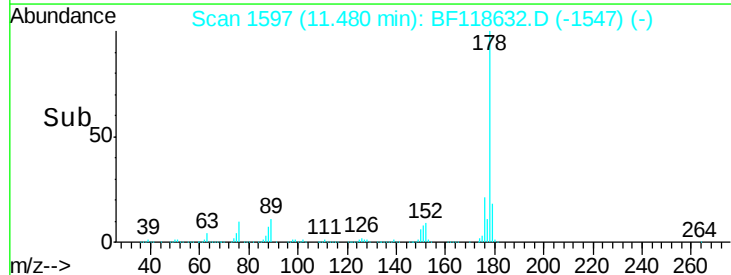
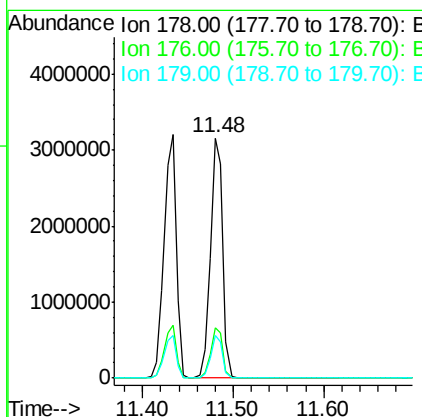
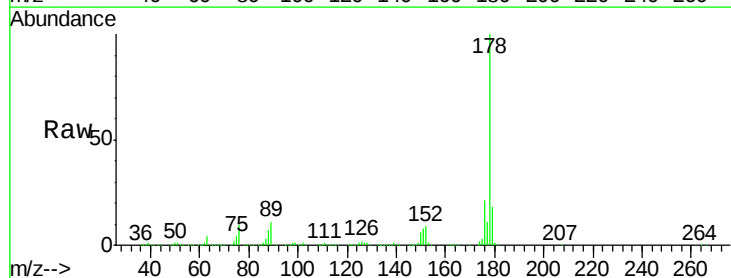
Manual Integrations
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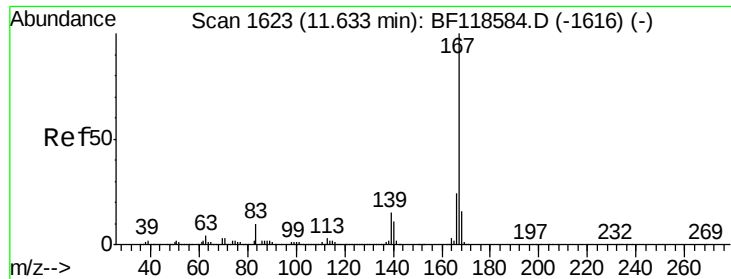
mohammad
1/22/2020 1:36:15 PM



#72
Anthracene
Concen: 43.170 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion:178 Resp: 3003394
Ion Ratio Lower Upper
178 100
176 21.1 18.0 27.0
179 17.8 14.7 22.1





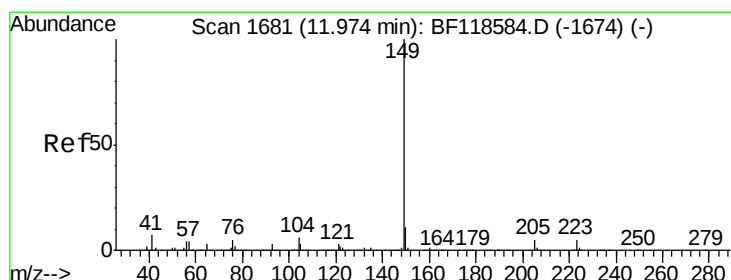
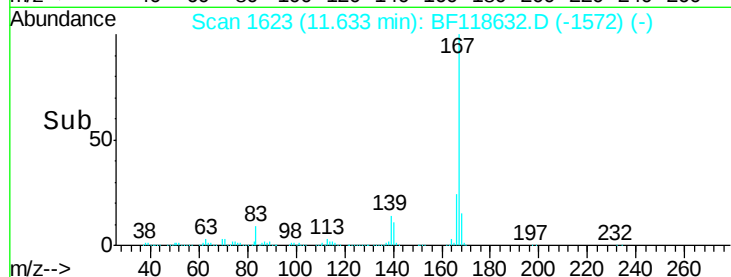
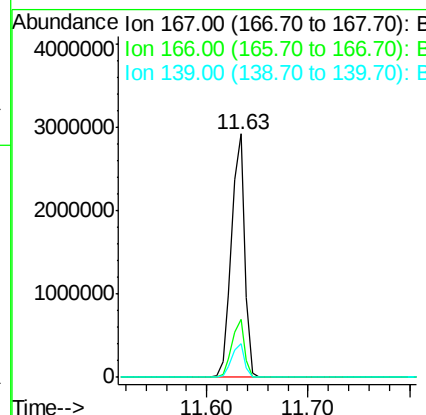
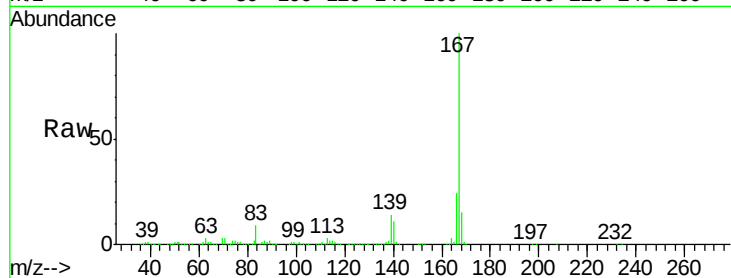
#73
 Carbazole
 Concen: 41.713 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF118632.D
 Acq: 21 Jan 2020 13:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.4	29.2
139	13.8	11.7	17.5

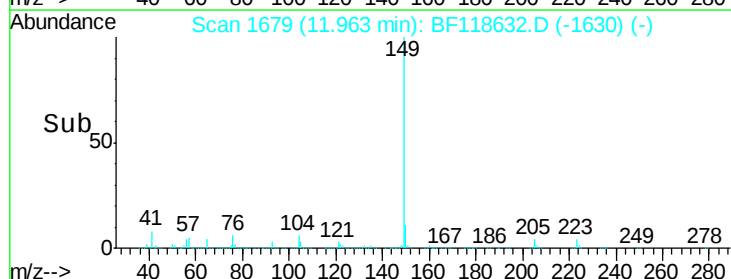
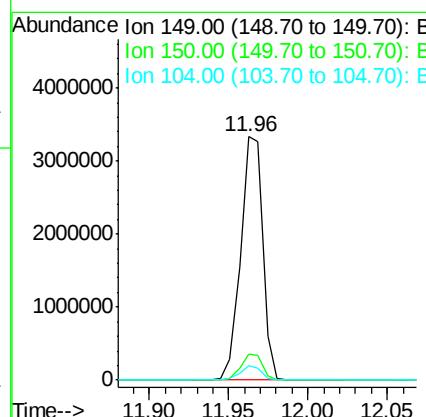
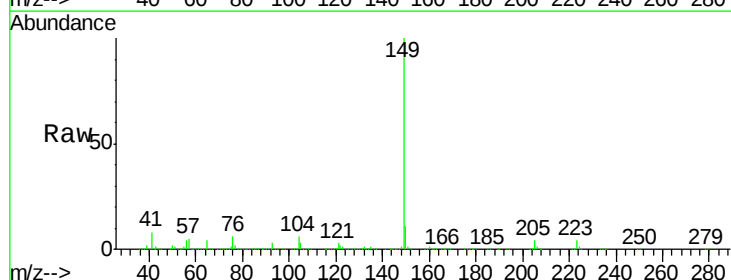
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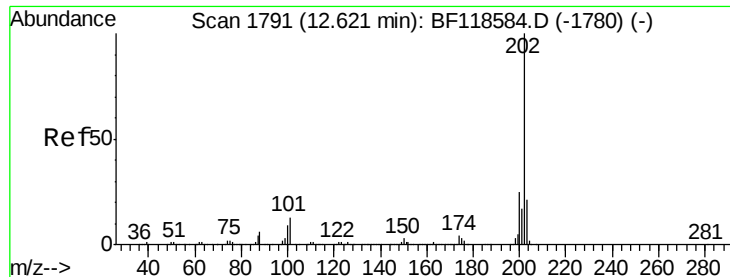
mohammad
 1/22/2020 1:36:15 PM



#74
 Di-n-butylphthalate
 Concen: 45.170 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118632.D
 Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.7	13.1
104	5.9	4.6	6.8





#75

Fluoranthene

Concen: 41.876 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 3105395

Ion Ratio Lower Upper

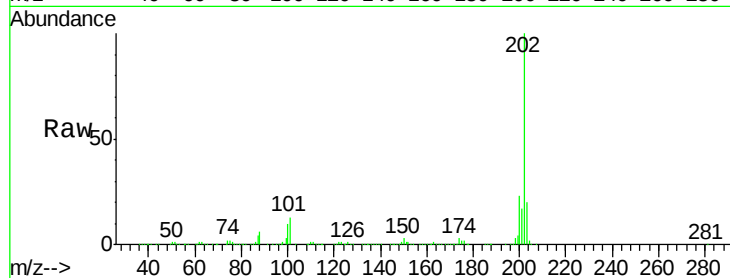
202 100

101 12.6 0.0 32.5

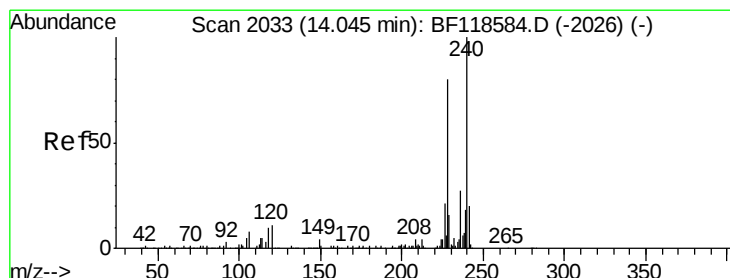
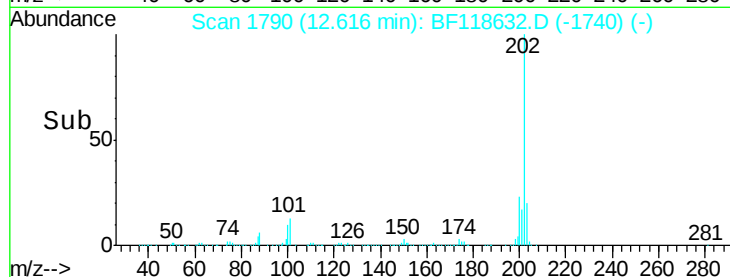
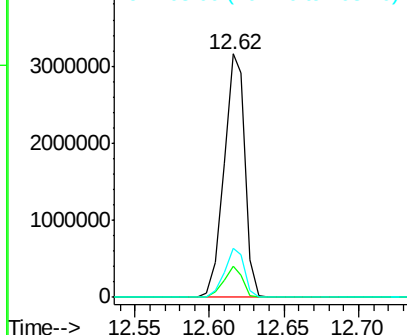
203 20.1 0.8 40.8

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

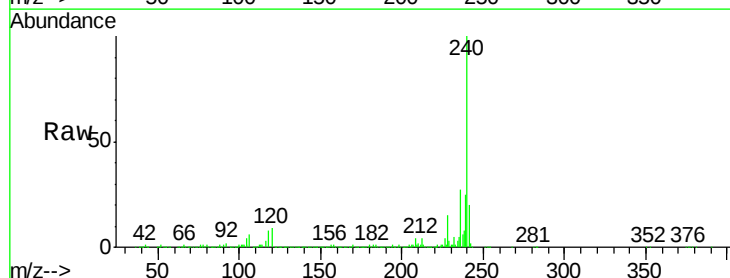
Tgt Ion:240 Resp: 1019439

Ion Ratio Lower Upper

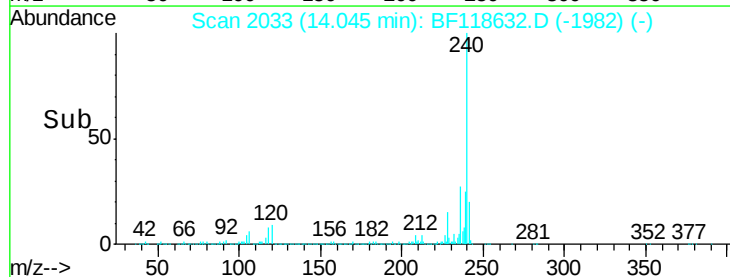
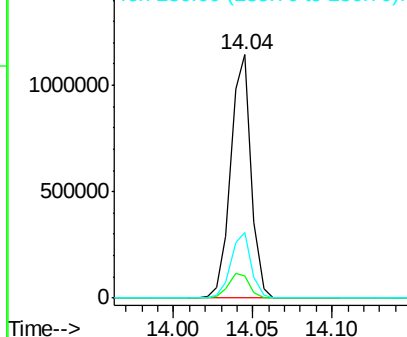
240 100

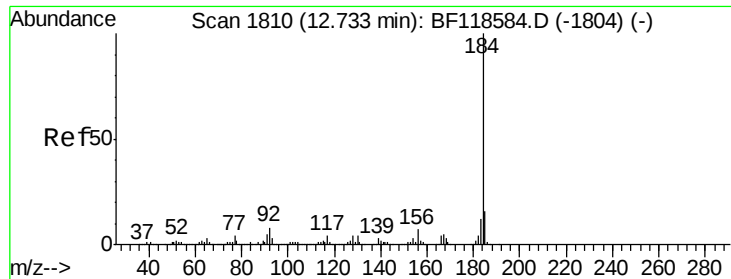
120 8.9 8.9 13.3

236 27.2 21.5 32.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.935 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1414639

Ion Ratio Lower Upper

184 100

185 15.4 12.9 19.3

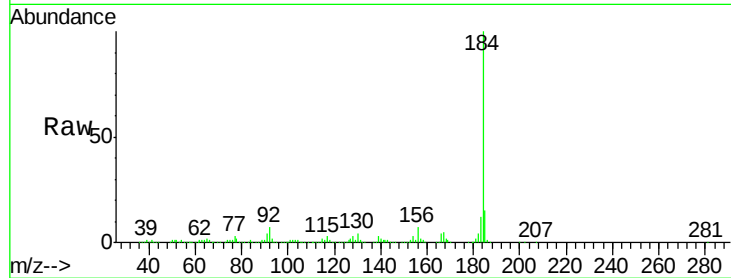
183 12.1 9.6 14.4

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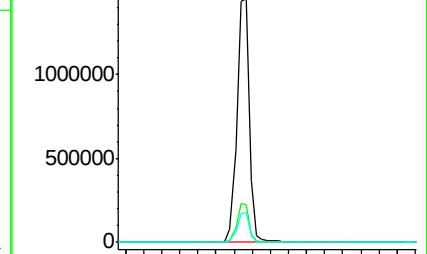
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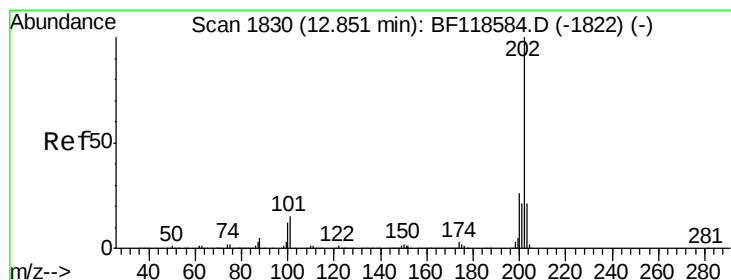
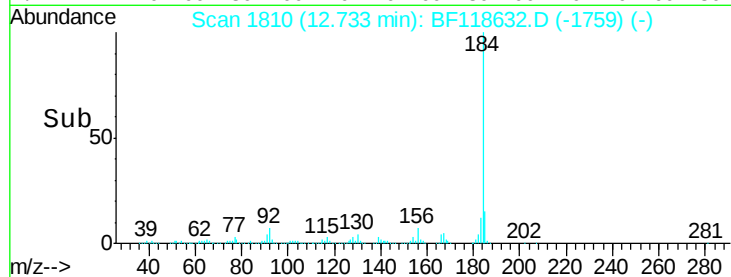
Abundance Ion 184.00 (183.70 to 184.70): E

2000000 Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.60 12.70 12.80



#78

Pyrene

Concen: 45.373 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

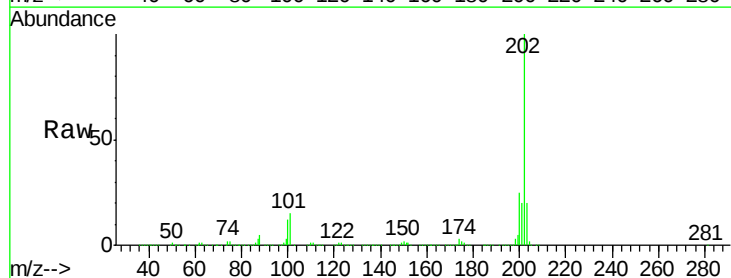
Tgt Ion:202 Resp: 3140304

Ion Ratio Lower Upper

202 100

200 24.6 20.6 31.0

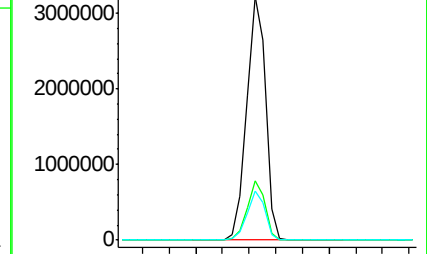
203 20.2 16.8 25.2



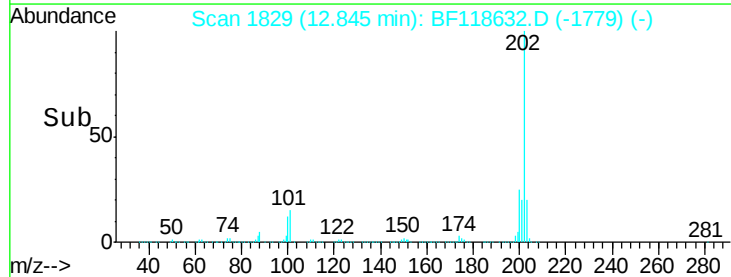
Abundance Ion 202.00 (201.70 to 202.70): E

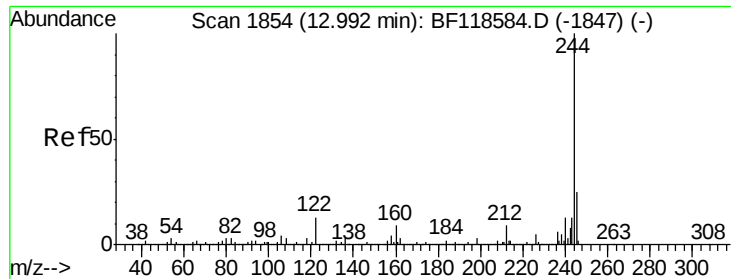
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.80 12.90





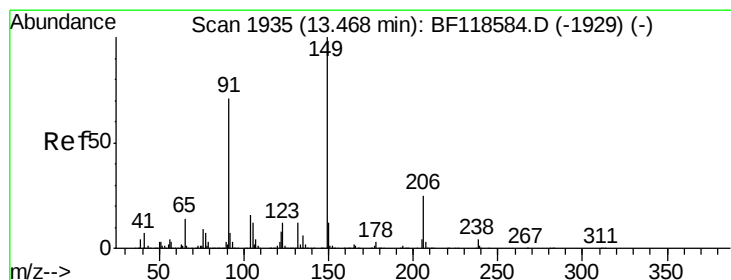
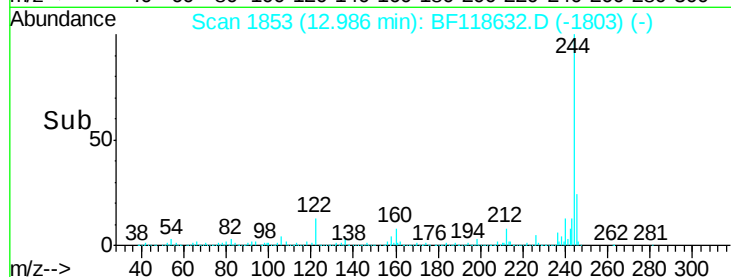
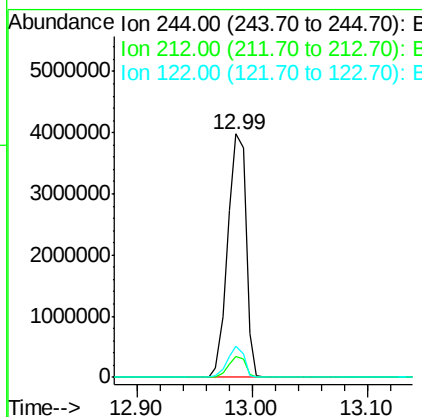
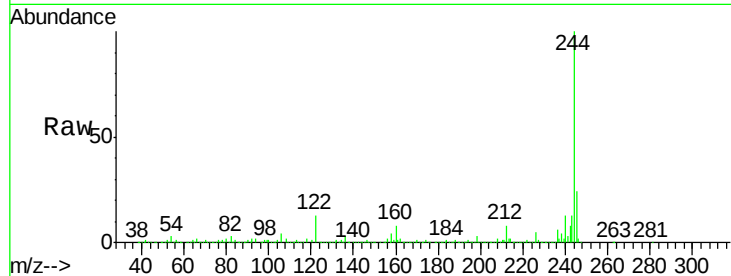
#79
 Terphenyl-d14
 Concen: 93.485 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF118632.D
 Acq: 21 Jan 2020 13:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.4
122	12.7	10.7	16.1

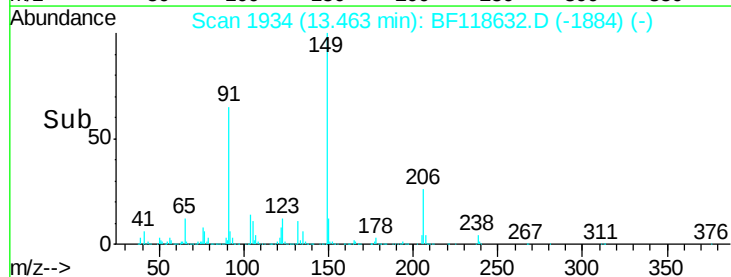
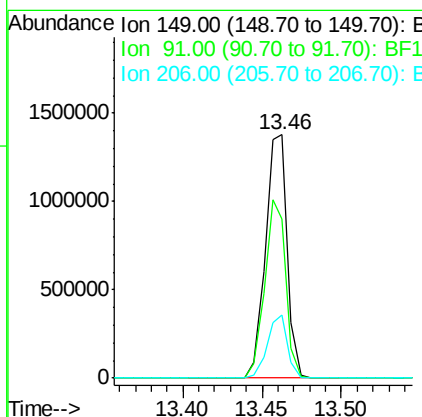
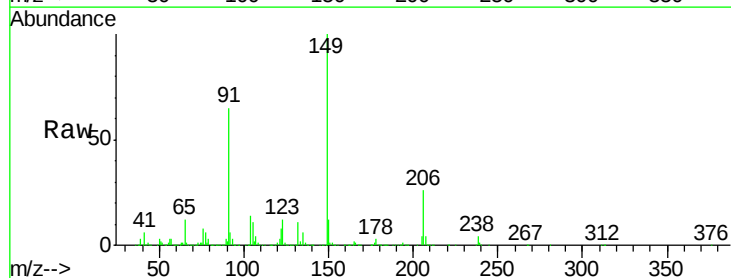
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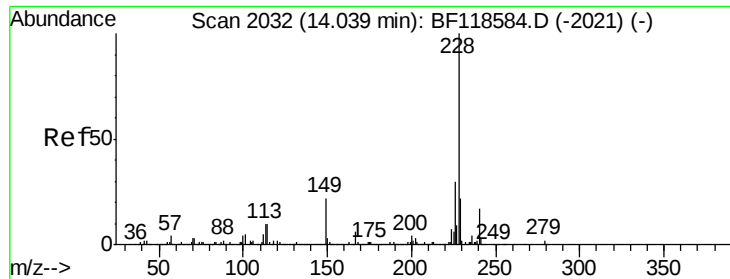
mohammad
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#80
 Butylbenzylphthalate
 Concen: 46.854 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF118632.D
 Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.3	56.5	84.7
206	26.0	19.9	29.9





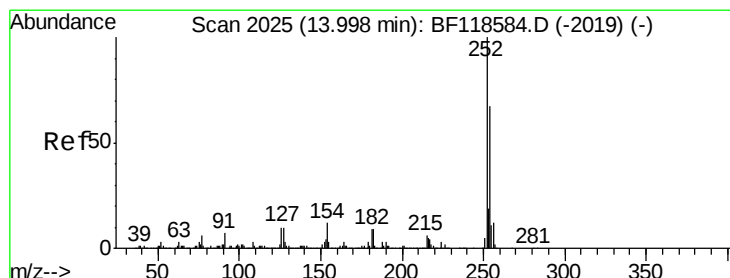
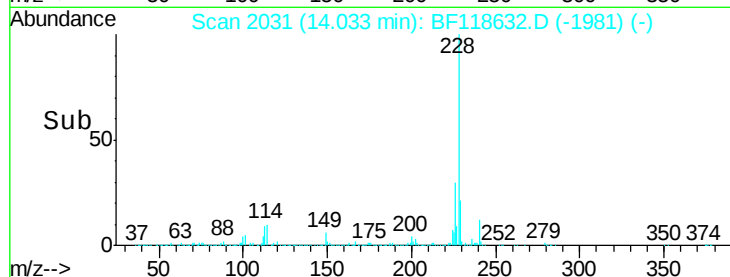
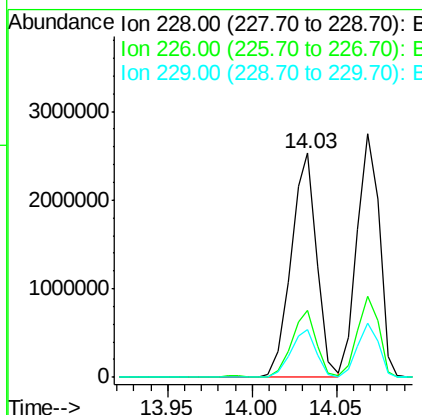
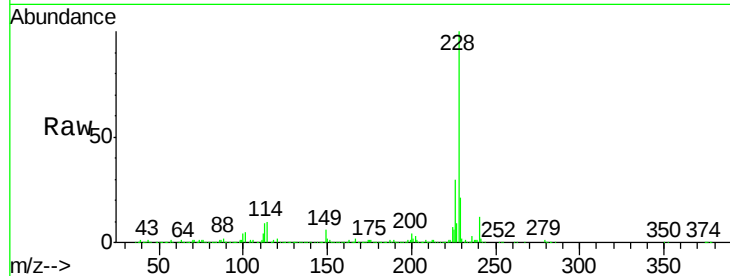
#81
Benzo(a)anthracene
Concen: 43.527 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	21.5	17.6	26.4

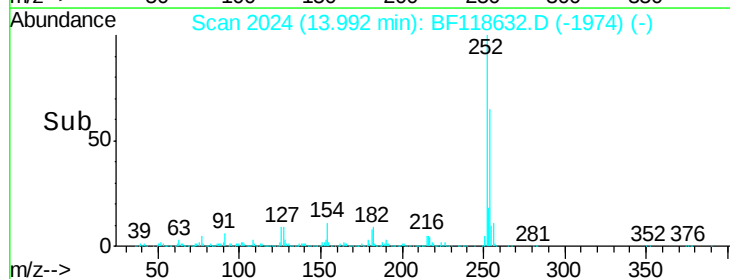
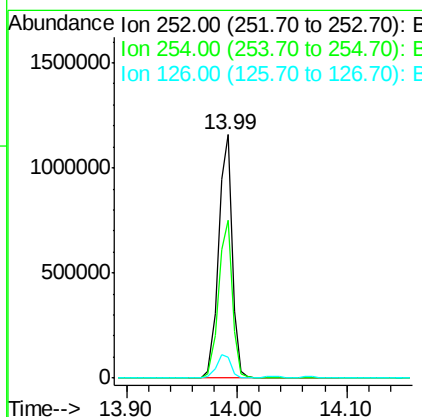
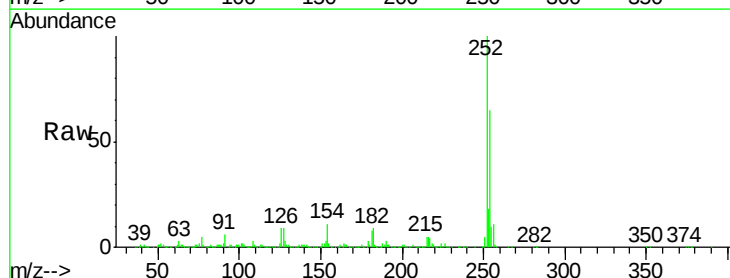
Manual Integrations
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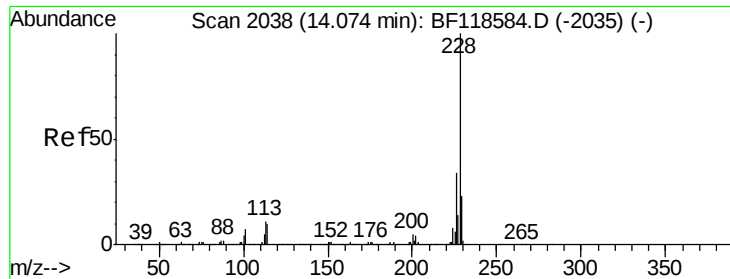
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 45.606 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	53.4	80.2
126	8.8	8.0	12.0





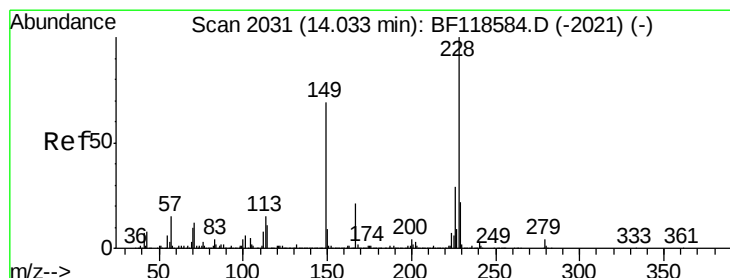
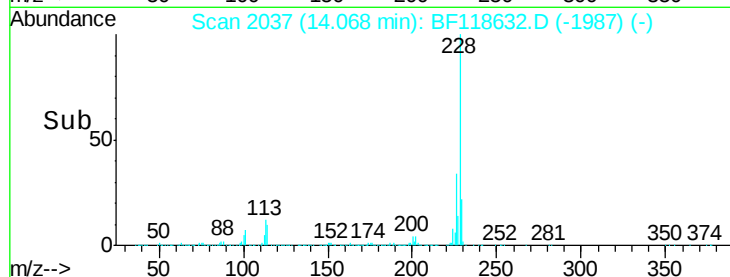
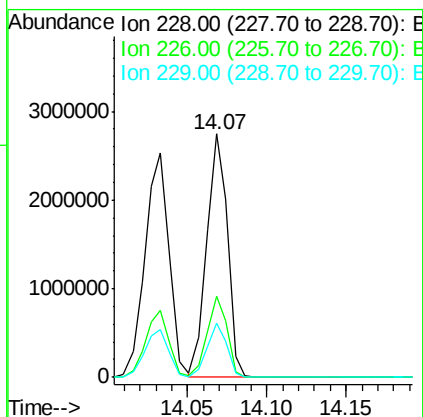
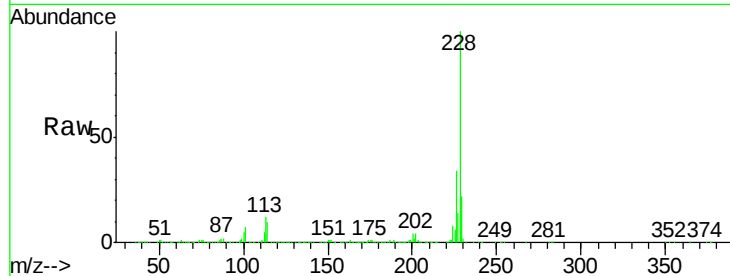
#83
Chrysene
Concen: 42.900 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 2521402
Ion Ratio Lower Upper
228 100
226 33.5 27.4 41.0
229 22.0 18.3 27.5

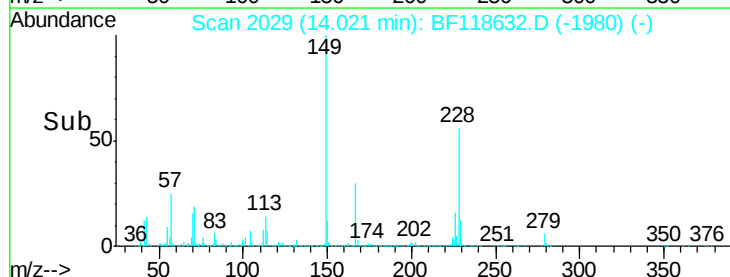
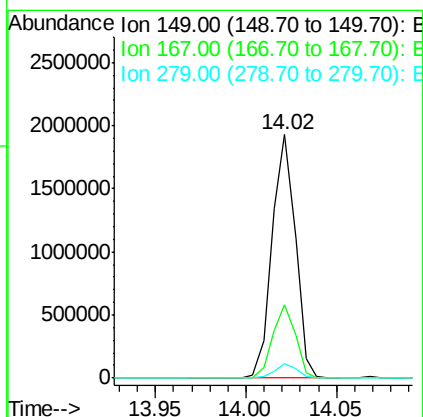
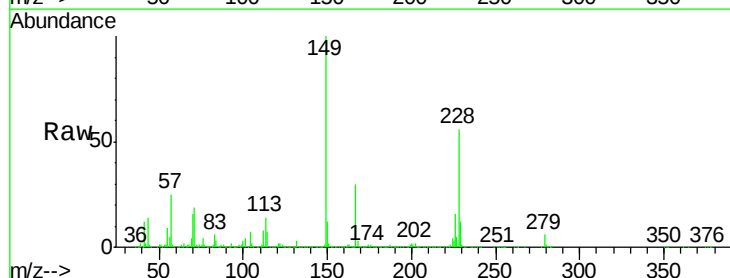
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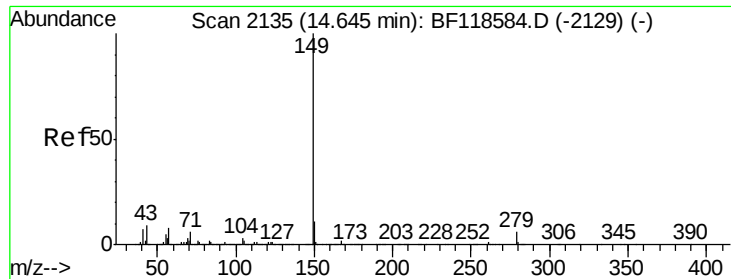
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.662 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF118632.D
Acq: 21 Jan 2020 13:25

Tgt Ion:149 Resp: 1718603
Ion Ratio Lower Upper
149 100
167 30.1 24.2 36.4
279 5.9 5.0 7.4





#85

Di-n-octyl phthalate

Concen: 51.706 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2648547

Ion Ratio Lower Upper

149 100

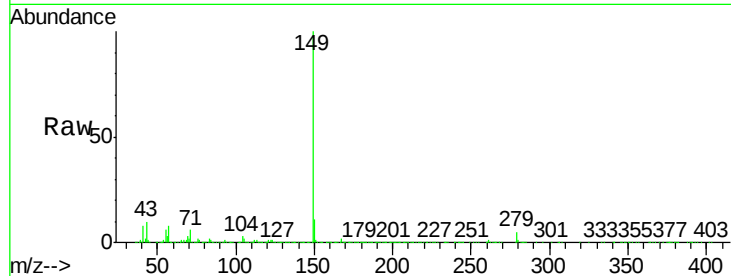
167 1.6 1.4 2.0

43 9.4 8.1 12.1

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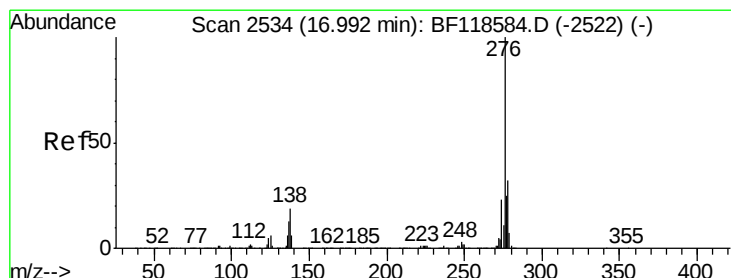
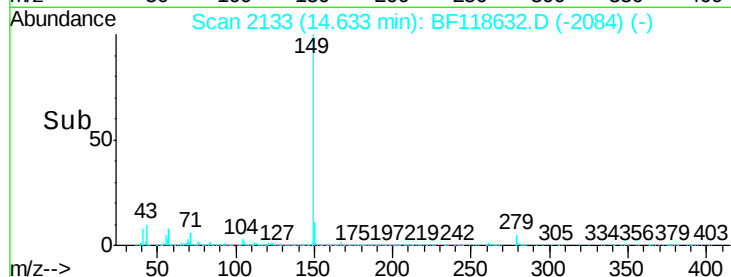
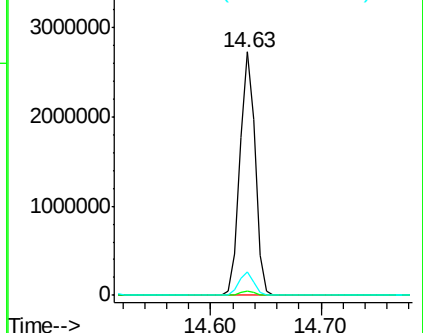
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.543 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

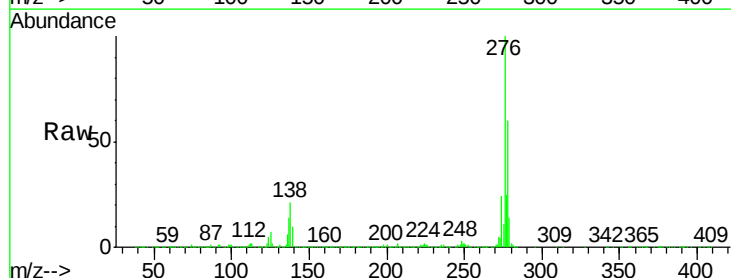
Tgt Ion:276 Resp: 2427938

Ion Ratio Lower Upper

276 100

138 21.9 17.2 25.8

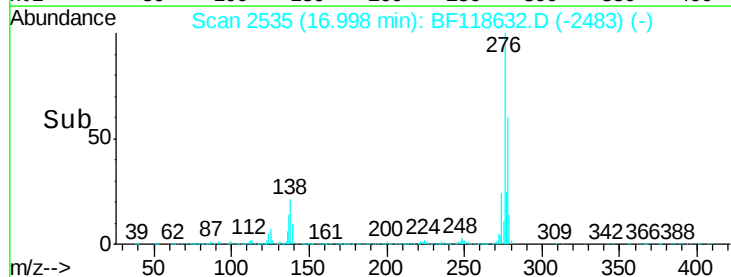
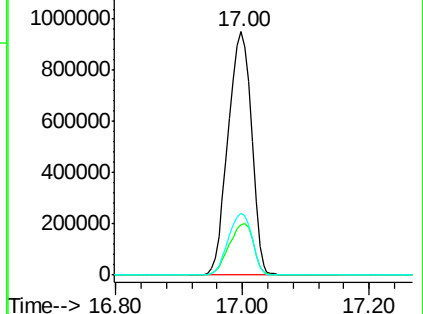
277 25.6 20.5 30.7

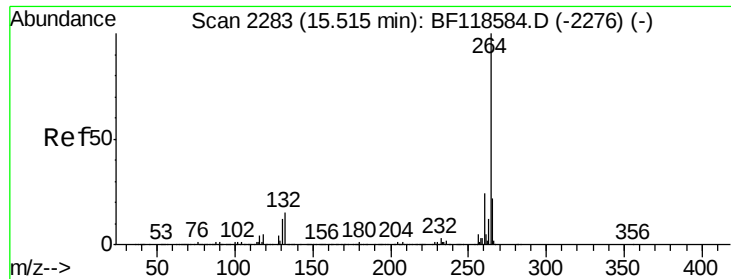


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

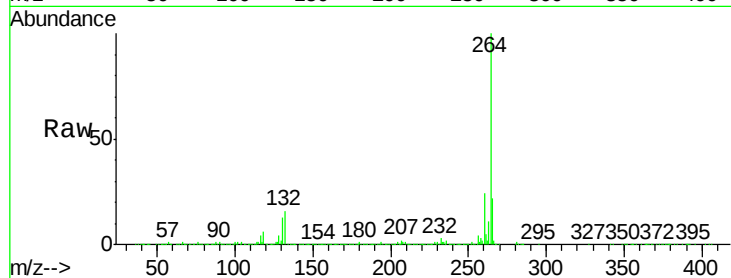
ClientSampleId :

SSTDCCC040

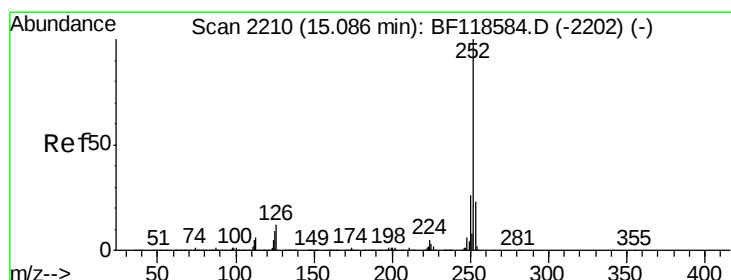
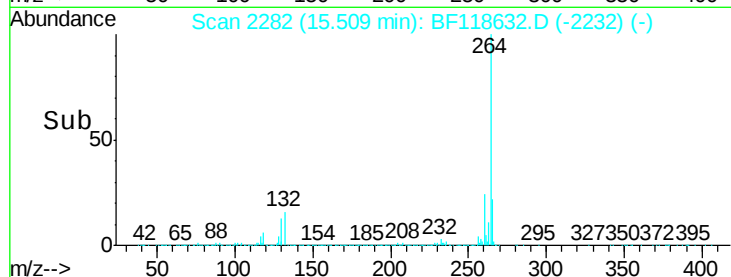
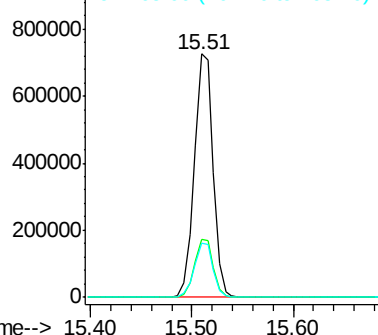
Tot Ion:	264	Resp:	928548
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.6	29.4
265	22.0	17.7	26.5

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.866 ng

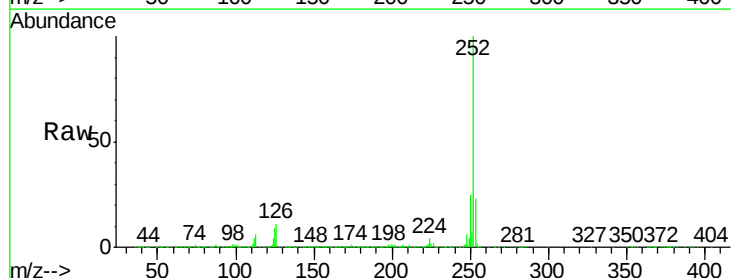
RT: 15.09 min Scan# 2210

Delta R.T. 0.00 min

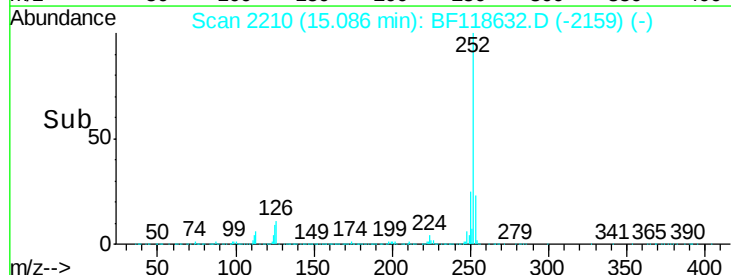
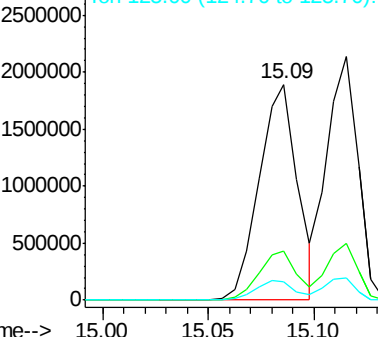
Lab File: BF118632.D

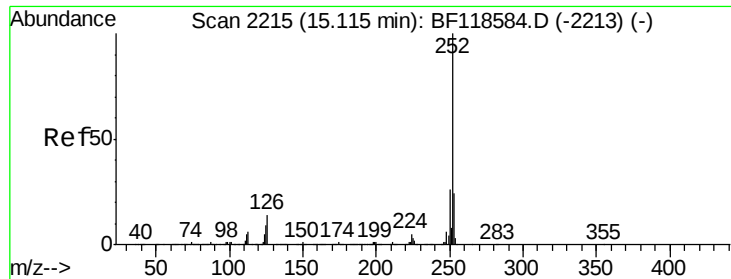
Acq: 21 Jan 2020 13:25

Tgt Ion:	252	Resp:	2385183
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.7	28.1
125	8.6	7.3	10.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.681 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 2199771

Ion Ratio Lower Upper

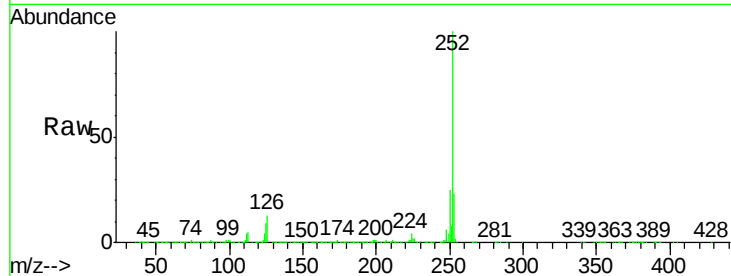
252 100

253 23.3 19.0 28.4

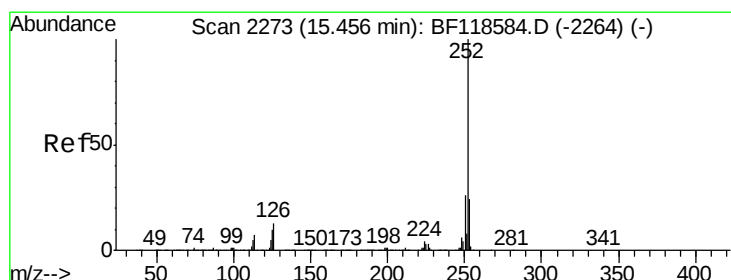
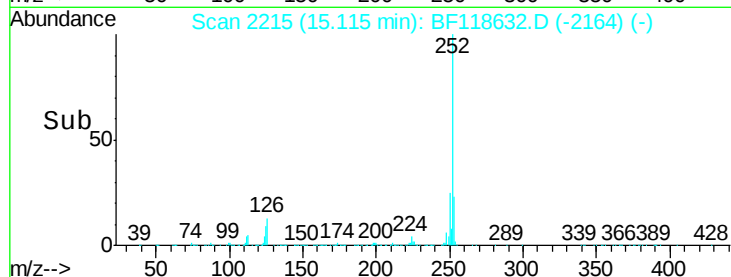
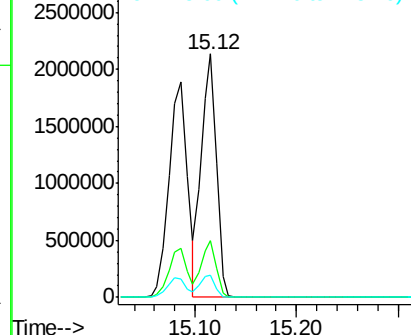
125 8.9 7.6 11.4

Manual Integrations
APPROVED

mohammad
1/22/2020 1:36:15 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.096 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

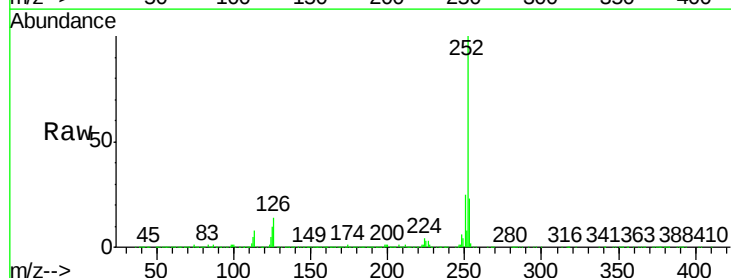
Tgt Ion:252 Resp: 2069137

Ion Ratio Lower Upper

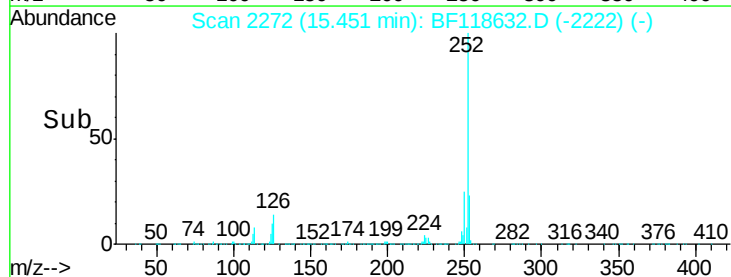
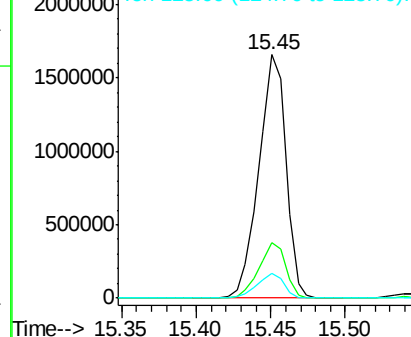
252 100

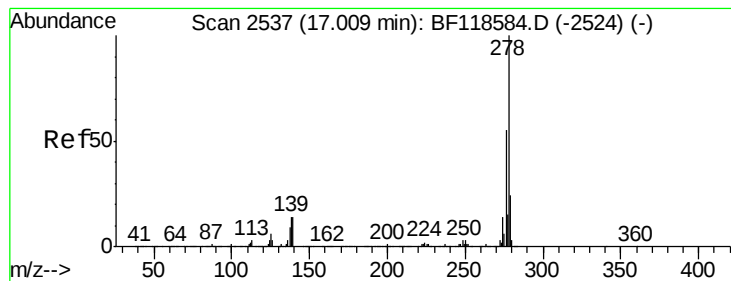
253 22.5 18.8 28.2

125 10.3 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.207 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 2013329

Ion Ratio Lower Upper

278 100

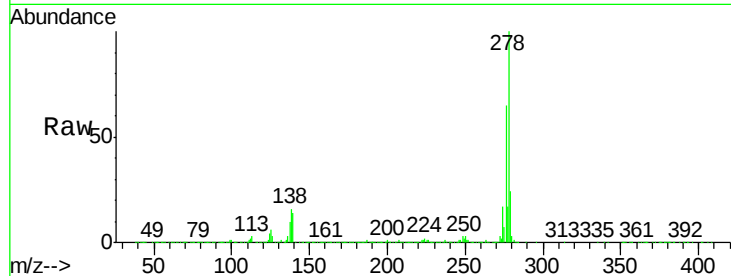
139 14.0 11.4 17.0

279 24.1 19.0 28.6

Manual Integrations
APPROVED

mohammad

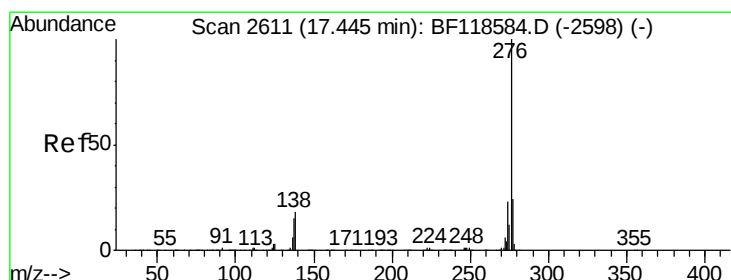
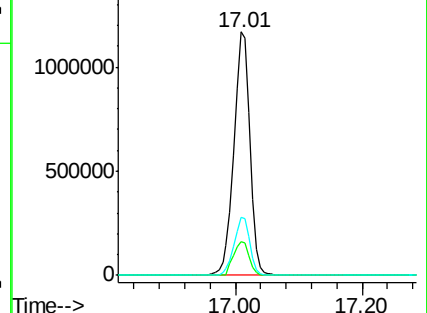
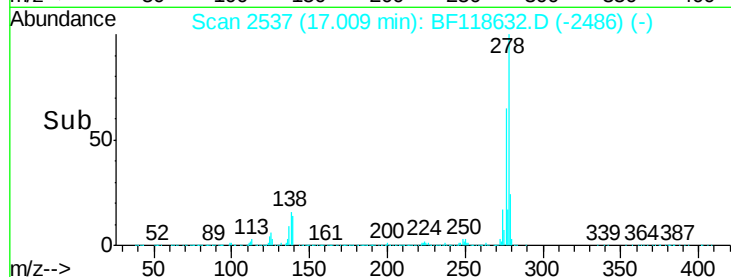
1/22/2020 1:36:15 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.549 ng

RT: 17.44 min Scan# 2611

Delta R.T. 0.00 min

Lab File: BF118632.D

Acq: 21 Jan 2020 13:25

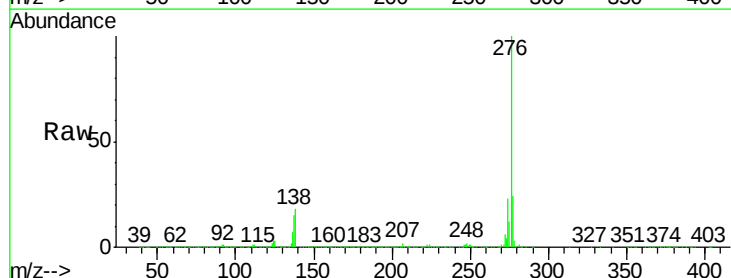
Tgt Ion:276 Resp: 1926401

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 18.5 14.4 21.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

