

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118749.D
 Acq On : 30 Jan 2020 14:05
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 2/3/2020 7:56:50 AM

Quant Time: Jan 31 02:13:13 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 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	346254	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1250181	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	688511	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1226503	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	814692	20.00	ng	-0.01
87) Perylene-d12	15.46	264	767042	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1529952	82.06	ng	-0.02
7) Phenol-d6	6.47	99	1909458	78.80	ng	-0.02
23) Nitrobenzene-d5	7.41	82	1728562	77.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	668495	83.94	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	3174517	75.78	ng	-0.02
79) Terphenyl-d14	12.95	244	3556443	95.21	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.59	88	342276	37.905	ng	100
3) Pyridine	3.34	79	962101	37.802	ng	99
4) n-Nitrosodimethylamine	3.29	42	352196	32.278	ng	100
6) Aniline	6.50	93	1241443	38.908	ng	99
8) 2-Chlorophenol	6.63	128	860226	41.108	ng	99
9) Benzaldehyde	6.39	77	557110	37.804	ng	99
10) Phenol	6.49	94	1063889	38.526	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	805646	39.322	ng	98
12) 1,3-Dichlorobenzene	6.79	146	1017092	41.526	ng	99
13) 1,4-Dichlorobenzene	6.86	146	1005784	40.908	ng	98
14) 1,2-Dichlorobenzene	7.02	146	939900	40.666	ng	99
15) Benzyl Alcohol	6.98	79	740572	38.539	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	998536	34.990	ng	99
17) 2-Methylphenol	7.09	107	706151	40.512	ng	98
18) Hexachloroethane	7.36	117	357133	40.059	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	575120	35.150	ng	97
20) 3+4-Methylphenols	7.25	107	826257	38.825	ng	89
22) Acetophenone	7.26	105	1124577	37.972	ng	# 95
24) Nitrobenzene	7.43	77	876178	38.285	ng	96
25) Isophorone	7.67	82	1540180	37.780	ng	99
26) 2-Nitrophenol	7.74	139	462828	47.423	ng	98
27) 2,4-Dimethylphenol	7.78	122	627346	37.225	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	1021963	38.905	ng	99
29) 2,4-Dichlorophenol	7.98	162	763217	40.967	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	888329	41.124	ng	98
31) Naphthalene	8.15	128	2372802	42.015	ng	99
32) Benzoic acid	7.90	122	488894m	38.654	ng	
33) 4-Chloroaniline	8.19	127	1050406	40.241	ng	98
34) Hexachlorobutadiene	8.27	225	540824	41.113	ng	98
35) Caprolactam	8.57	113	233478	38.296	ng	98
36) 4-Chloro-3-methylphenol	8.67	107	744908	40.490	ng	100
37) 2-Methylnaphthalene	8.84	142	1619852	40.635	ng	99
38) 1-Methylnaphthalene	8.94	142	1525242	40.274	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	868412	40.310	ng	99

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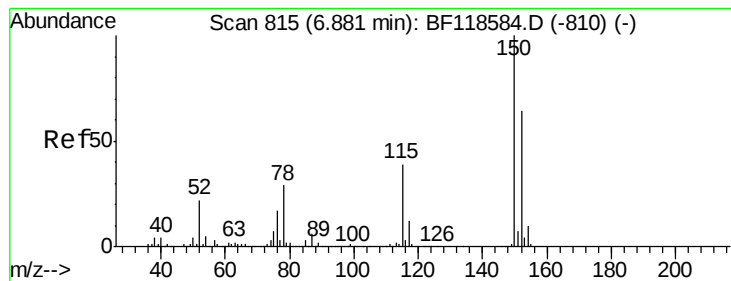
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	431206	39.672	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	583520	40.818	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	592217	40.563	nq	97
46) 1,1'-Biphenyl	9.30	154	2007242	42.300	nq	99
47) 2-Chloronaphthalene	9.33	162	1662509	41.567	nq	99
48) 2-Nitroaniline	9.42	65	468824	38.132	nq	95
49) Acenaphthylene	9.75	152	2385775	42.401	nq	99
50) Dimethylphthalate	9.60	163	1885064	42.023	nq	98
51) 2,6-Dinitrotoluene	9.66	165	437116	43.517	nq	98
52) Acenaphthene	9.92	154	1548770	41.164	nq	100
53) 3-Nitroaniline	9.83	138	477095	41.596	nq	97
54) 2,4-Dinitrophenol	9.93	184	189975	47.374	nq	# 89
55) Dibenzofuran	10.09	168	2184790	41.902	nq	100
56) 4-Nitrophenol	9.99	139	342224	39.524	nq	99
57) 2,4-Dinitrotoluene	10.07	165	572390	45.202	nq	95
58) Fluorene	10.43	166	1617699	39.521	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	513090	39.955	nq	100
60) Diethylphthalate	10.30	149	1801483	41.421	nq	100
61) 4-Chlorophenyl-phenylether	10.42	204	886783	39.834	nq	95
62) 4-Nitroaniline	10.45	138	468605	39.830	nq	100
63) Azobenzene	10.58	77	1610653	38.239	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	277850	51.518	nq	87
66) n-Nitrosodiphenylamine	10.54	169	1515864	40.982	nq	99
67) 4-Bromophenyl-phenylether	10.91	248	624465	41.211	nq	95
68) Hexachlorobenzene	10.99	284	709518	41.300	nq	# 94
69) Atrazine	11.07	200	505981	39.467	nq	99
70) Pentachlorophenol	11.17	266	374555	39.214	nq	99
71) Phenanthrene	11.39	178	2441505	41.261	nq	99
72) Anthracene	11.45	178	2467321	42.141	nq	100
73) Carbazole	11.59	167	2183049	40.649	nq	100
74) Di-n-butylphthalate	11.93	149	2622189	43.947	nq	99
75) Fluoranthene	12.58	202	2544960	40.779	nq	99
77) Benzidine	12.69	184	1018985	46.811	nq	100
78) Pyrene	12.81	202	2506700	45.321	nq	99
80) Butylbenzylphthalate	13.43	149	1064151	47.011	nq	99
81) Benzo(a)anthracene	14.00	228	2045827	41.745	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	819015	46.900	nq	100
83) Chrysene	14.03	228	2006267	42.714	nq	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1323368	47.852	nq	98
85) Di-n-octyl phthalate	14.60	149	2121144	51.817	nq	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	1965499m	48.160	nq	
88) Benzo(b)fluoranthene	15.04	252	2037420	42.258	nq	100
89) Benzo(k)fluoranthene	15.07	252	1703307	38.132	nq	100
90) Benzo(a)pyrene	15.40	252	1698823	40.846	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	1619553	44.022	nq	100
92) Benzo(g,h,i)perylene	17.36	276	1620724	45.372	nq	99

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



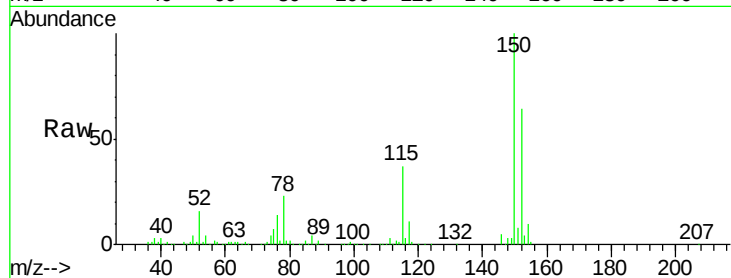
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF118749.D
 Acq: 30 Jan 2020 14:05

Instrument :
 BNA_F
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 SSTDCCC040

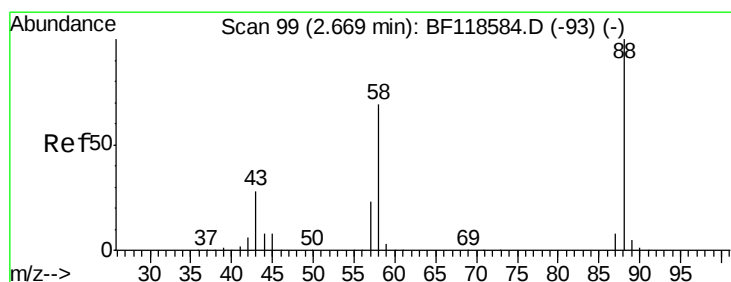
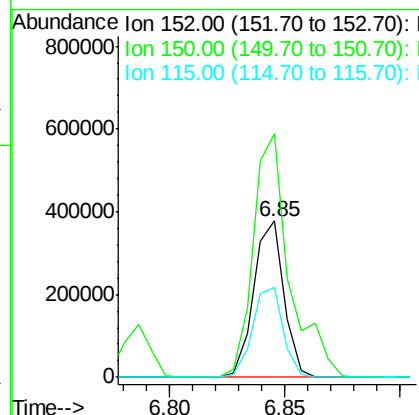
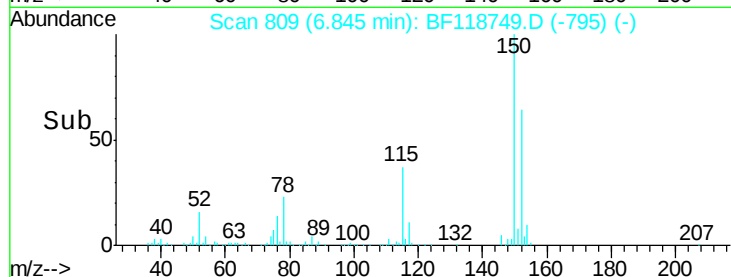
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.7	185.5
115	57.8	45.1	67.7

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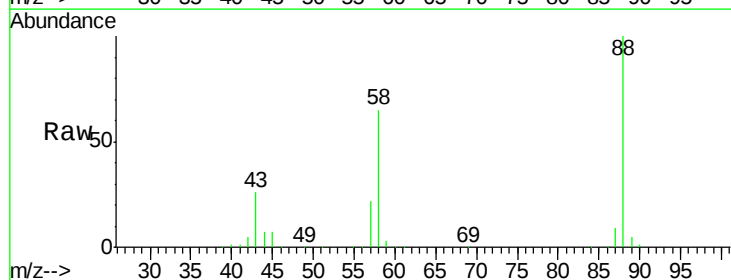


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

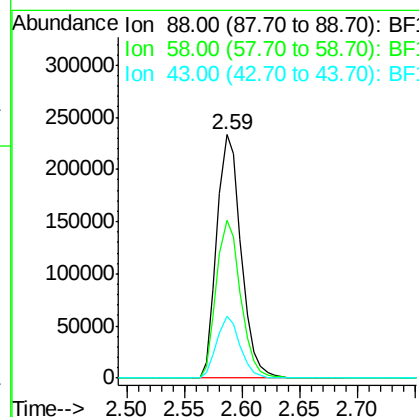
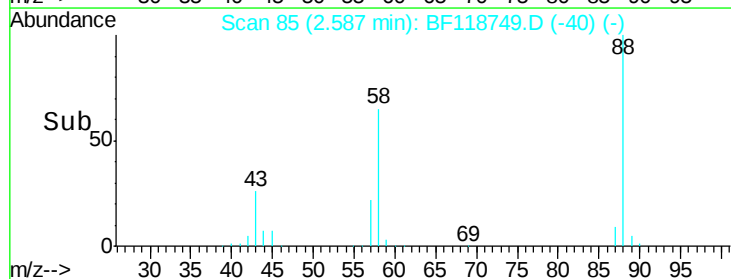


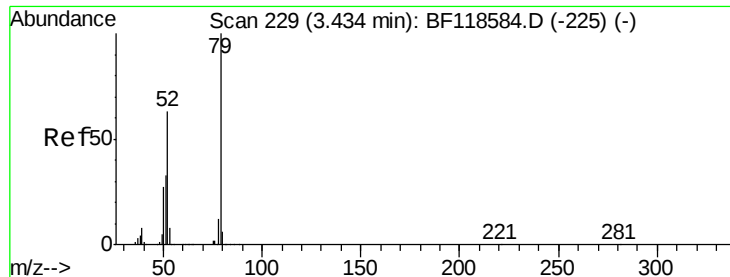
#2
 1,4-Dioxane
 Concen: 37.905 ng
 RT: 2.59 min Scan# 85
 Delta R.T. -0.04 min
 Lab File: BF118749.D
 Acq: 30 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.8	51.9	77.9
43	24.7	19.3	28.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





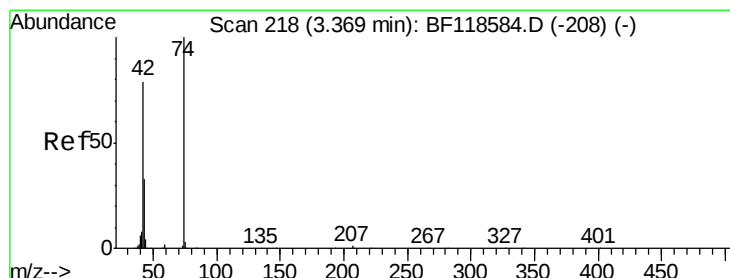
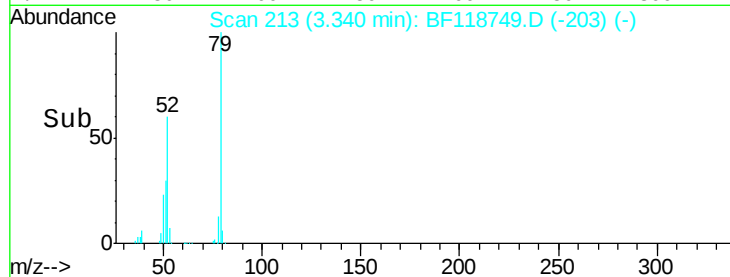
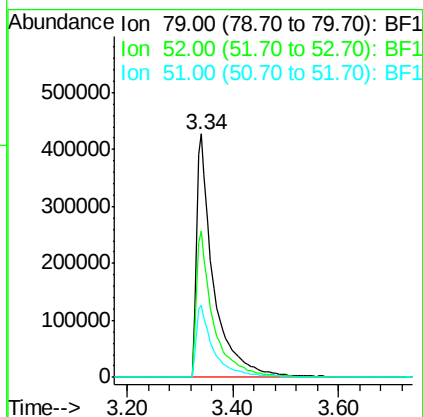
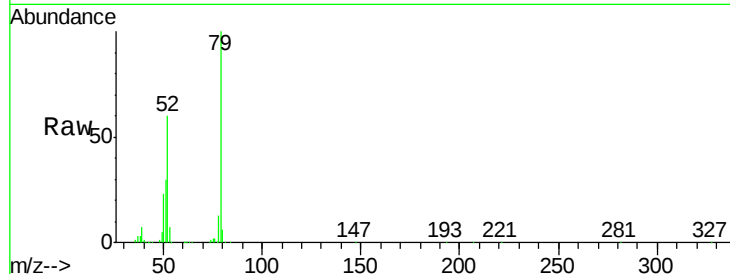
#3
 Pvridine
 Concen: 37.802 ng
 RT: 3.34 min Scan# 213
 Delta R.T. -0.04 min
 Lab File: BF118749.D
 Acq: 30 Jan 2020 14:05

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 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	59.9	48.8	73.2
51	29.8	24.4	36.6

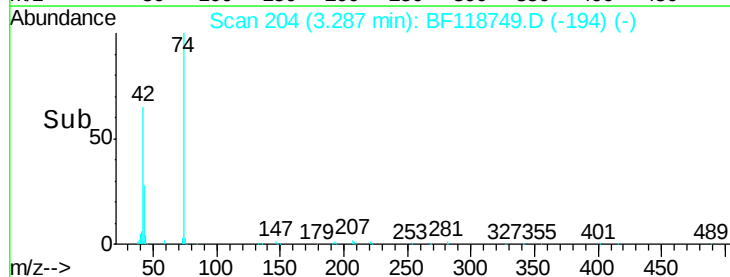
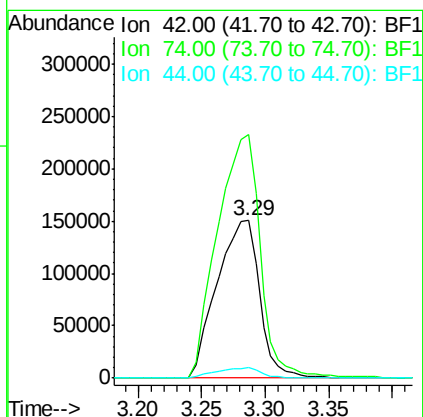
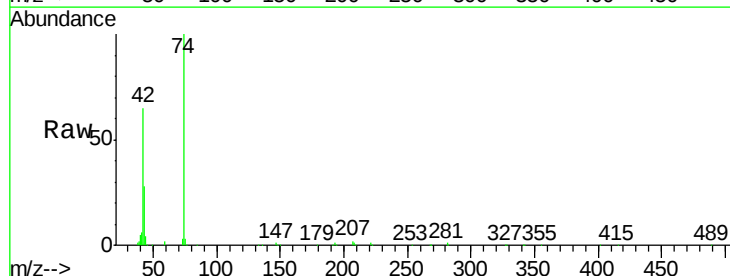
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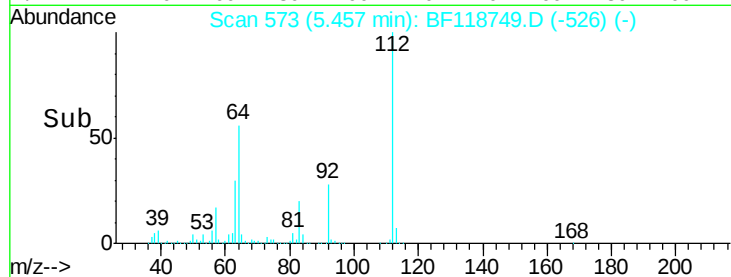
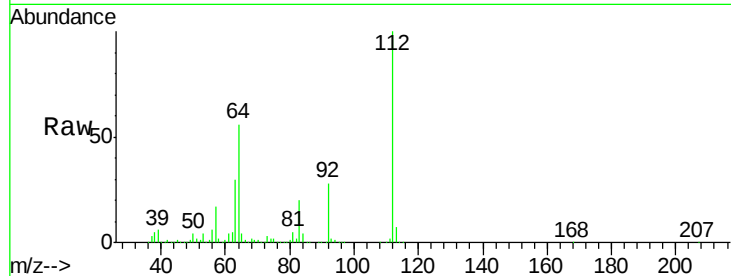
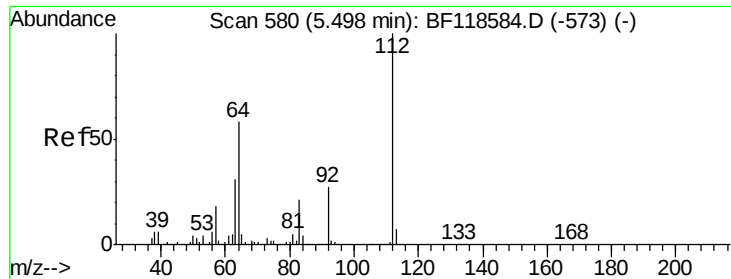
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#4
 n-Nitrosodimethylamine
 Concen: 32.278 ng
 RT: 3.29 min Scan# 204
 Delta R.T. -0.04 min
 Lab File: BF118749.D
 Acq: 30 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	154.4	123.5	185.3
44	6.4	5.6	8.4





#5

2-Fluorophenol

Concen: 82.064 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.02 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Tot Ion:	112	Resp:	1529952
Ion	Ratio	Lower	Upper
112	100		
64	55.9	42.4	63.6
63	29.7	21.7	32.5

Instrument :

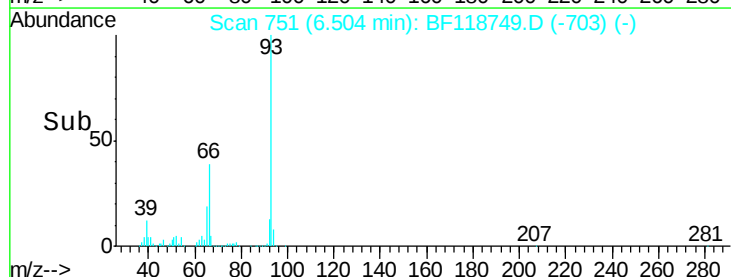
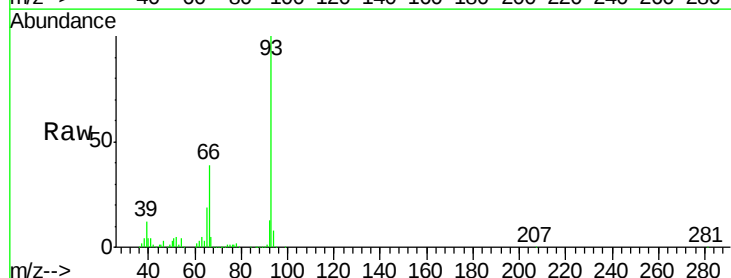
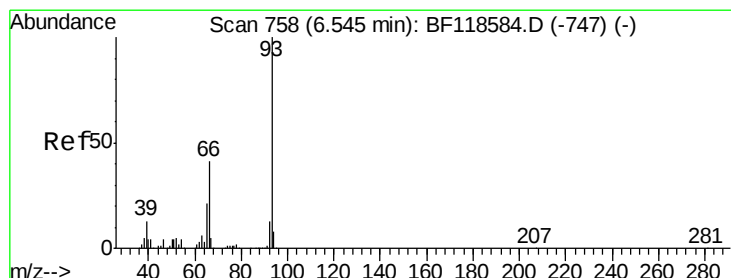
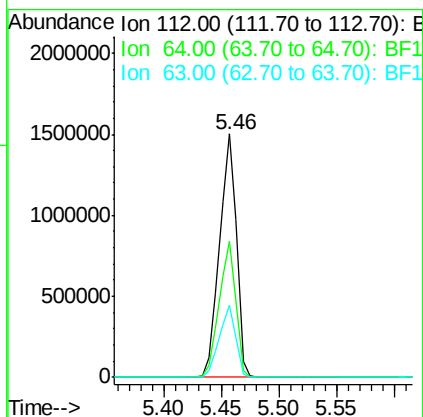
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ClientSampleId :

SSTDCCC040

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#6

Aniline

Concen: 38.908 ng

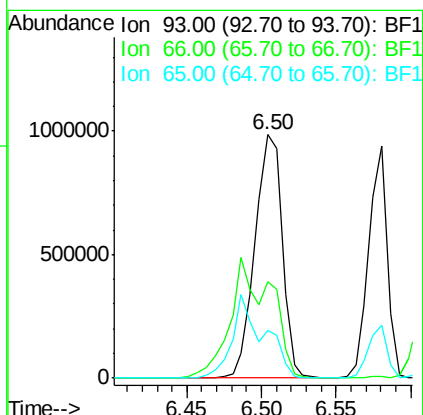
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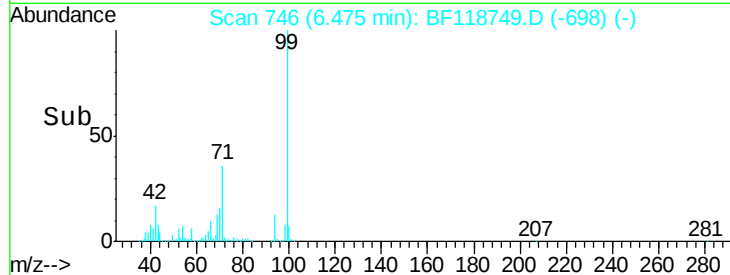
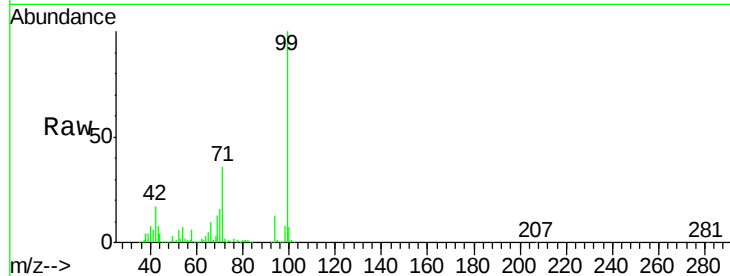
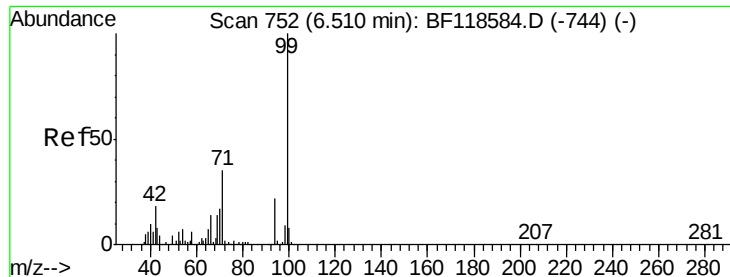
Delta R.T. -0.02 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Tgt Ion:	93	Resp:	1241443
Ion	Ratio	Lower	Upper
93	100		
66	39.5	31.3	46.9
65	19.4	15.3	22.9





#7

Phenol-d6

Concen: 78.800 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Tot Ion:	99	Resp:	1909458
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.1	19.7
71	36.0	28.4	42.6

Instrument :

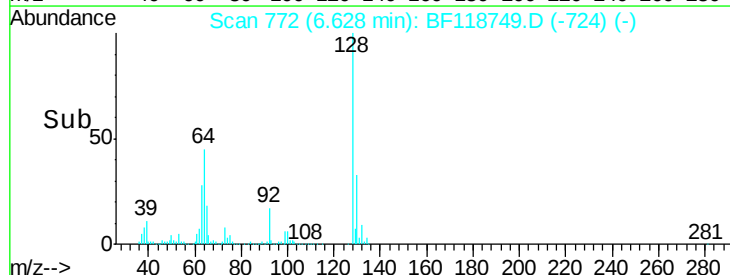
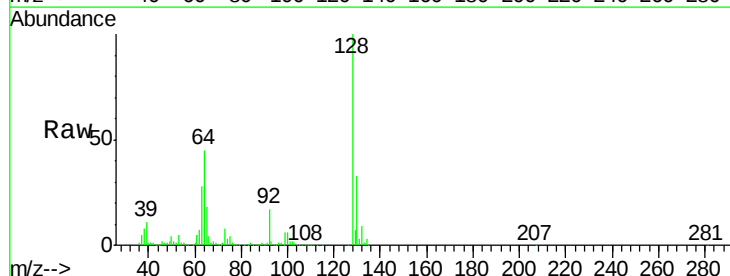
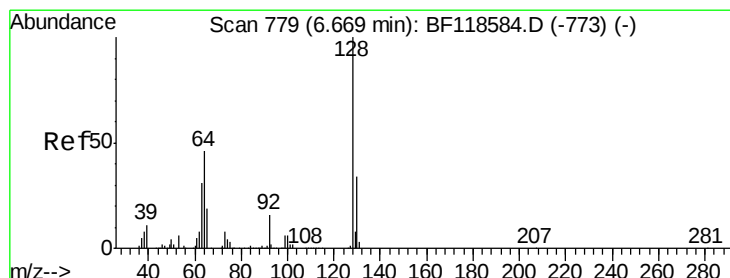
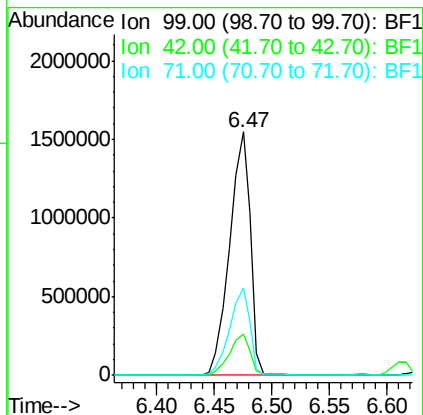
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#8

2-Chlorophenol

Concen: 41.108 ng

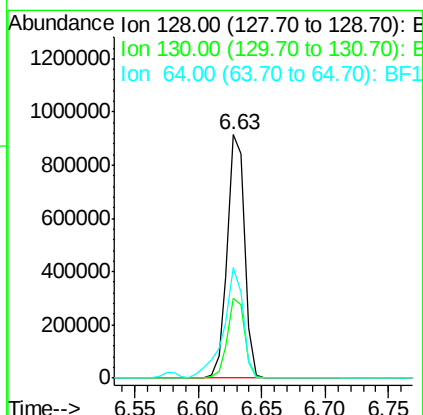
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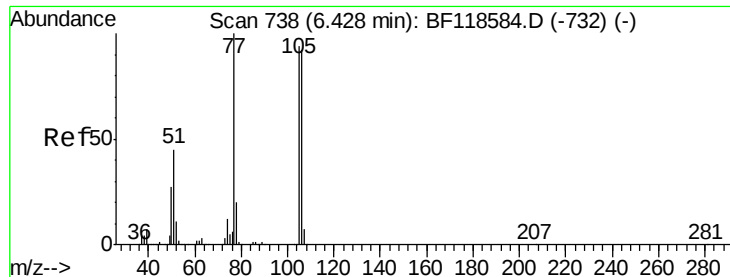
Delta R.T. -0.02 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Tgt Ion:	128	Resp:	860226
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.8	52.8
64	45.3	24.5	64.5





#9

Benzaldehyde

Concen: 37.804 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Instrument :

BNA_F

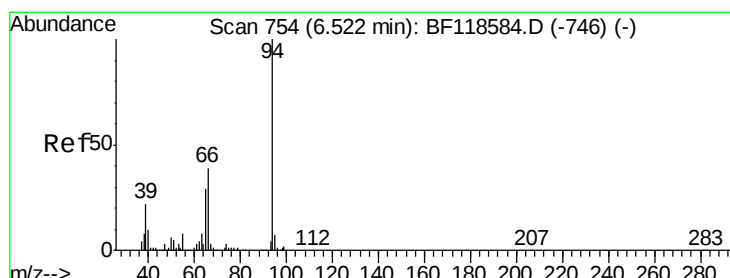
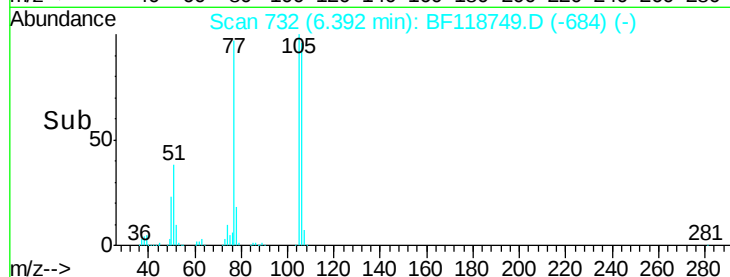
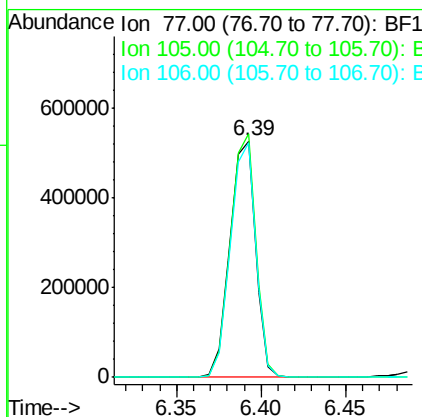
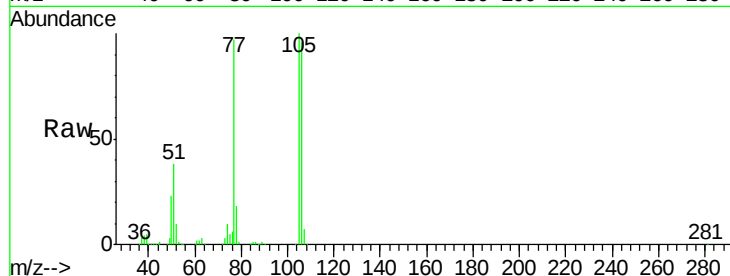
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	103.0	84.3	124.3	
106	99.4	80.4	120.4	

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#10

Phenol

Concen: 38.526 ng

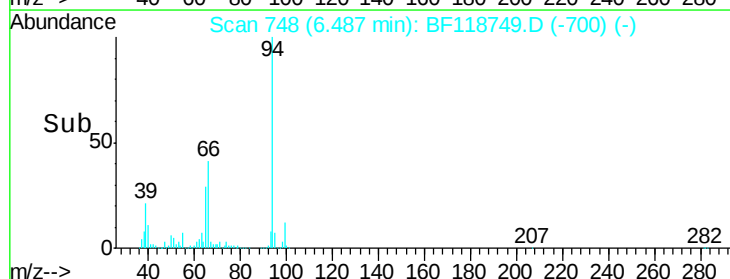
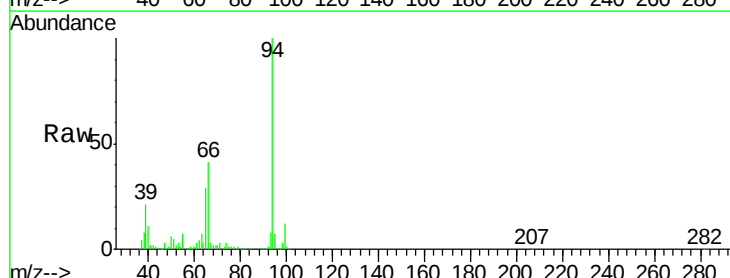
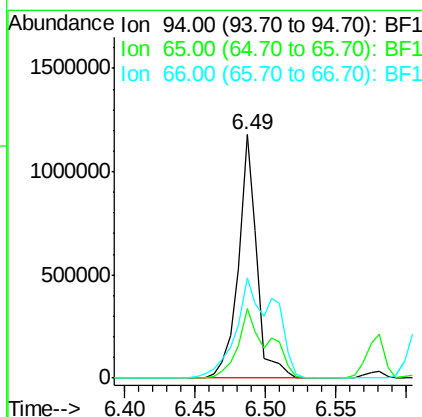
RT: 6.49 min Scan# 748

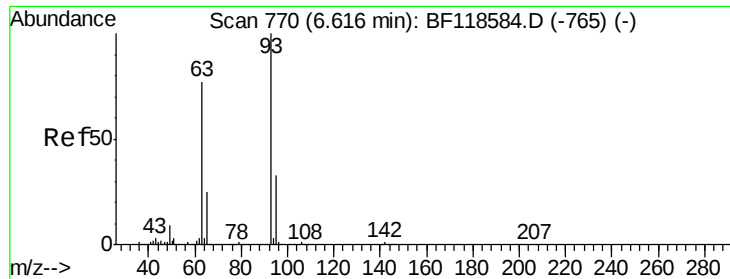
Delta R.T. -0.02 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	28.6	7.9	47.9	
66	41.3	19.1	59.1	





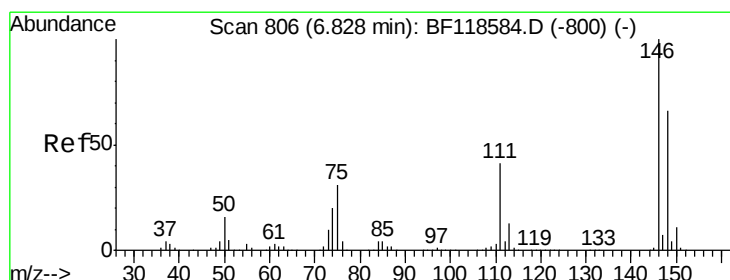
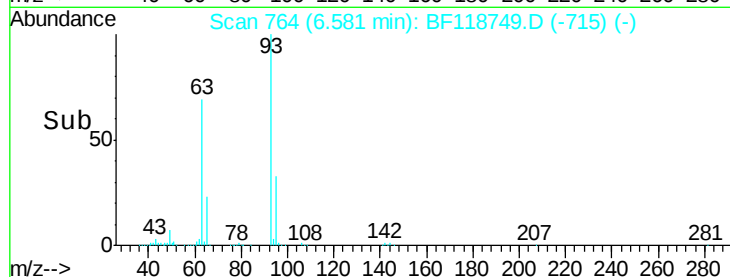
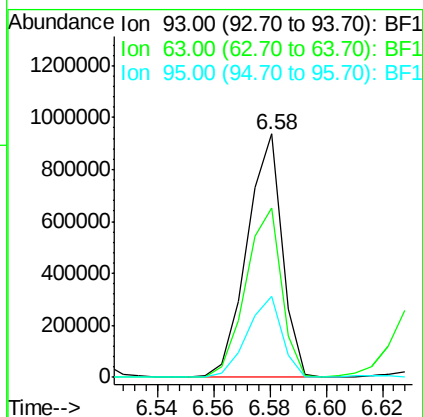
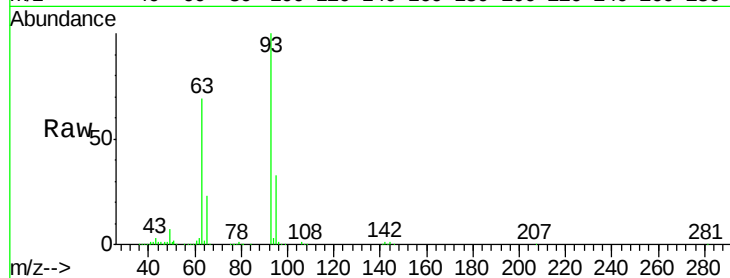
#11
bis(2-Chloroethyl)ether
Concen: 39.322 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	805646
Ion	Ratio	Lower	Upper
93	100		
63	69.3	52.1	92.1
95	33.4	13.2	53.2

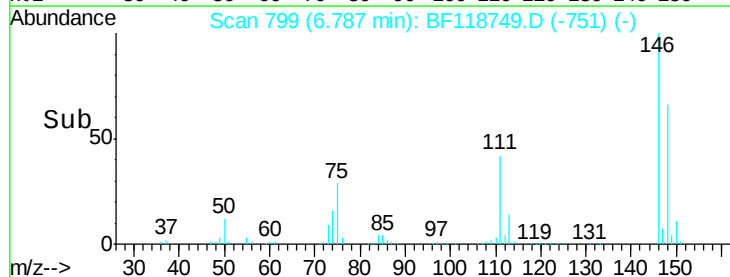
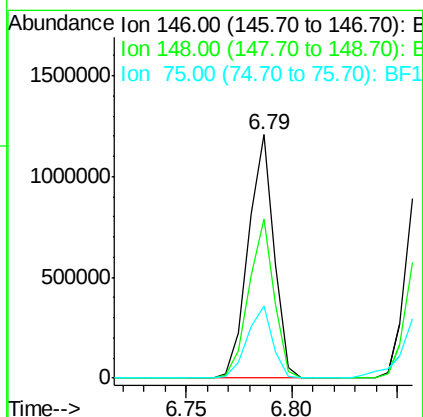
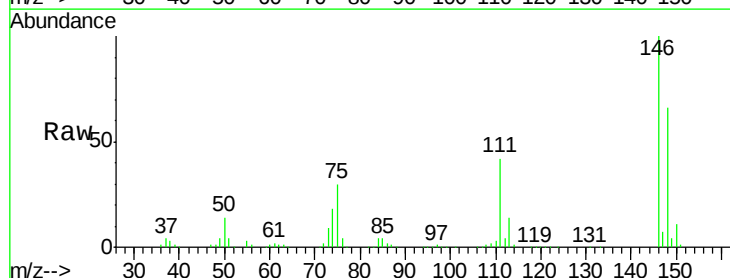
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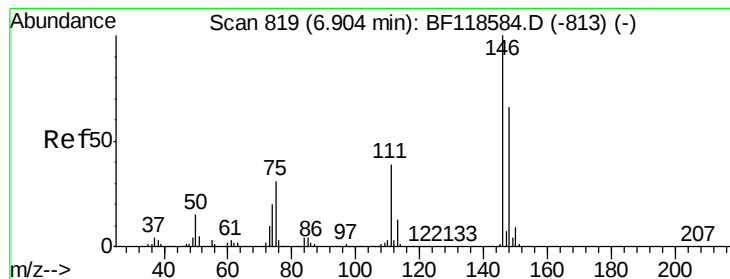
mohammad
2/3/2020 7:56:50 AM



#12
1,3-Dichlorobenzene
Concen: 41.526 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion:	146	Resp:	1017092
Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.2	78.4
75	29.6	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 40.908 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:146 Resp: 1005784

Ion Ratio Lower Upper

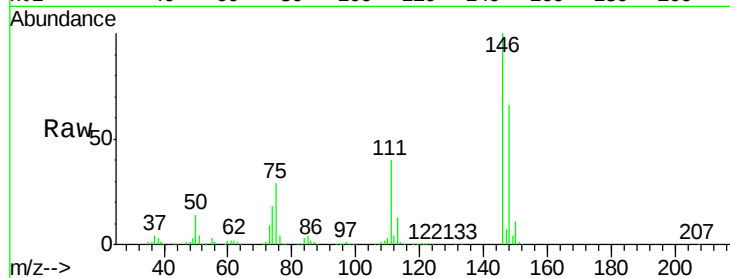
146 100

148 66.0 51.5 77.3

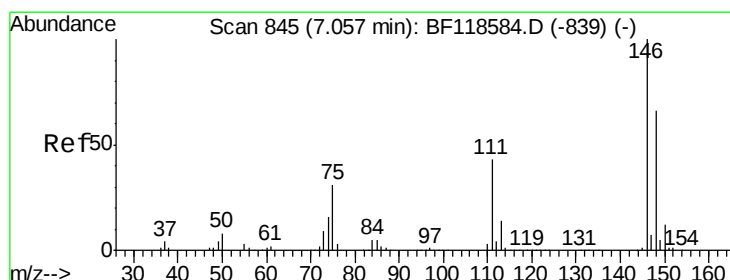
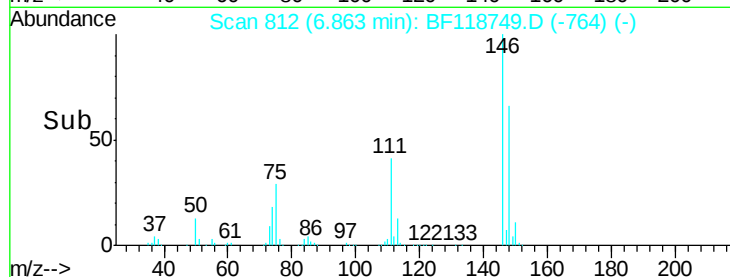
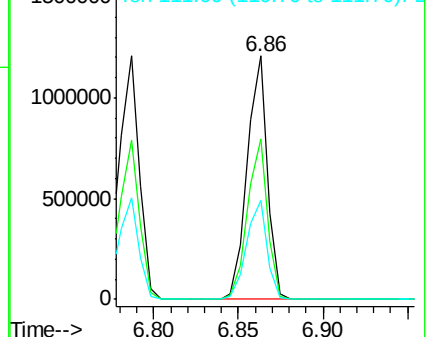
111 40.5 31.8 47.6

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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: 40.666 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.02 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

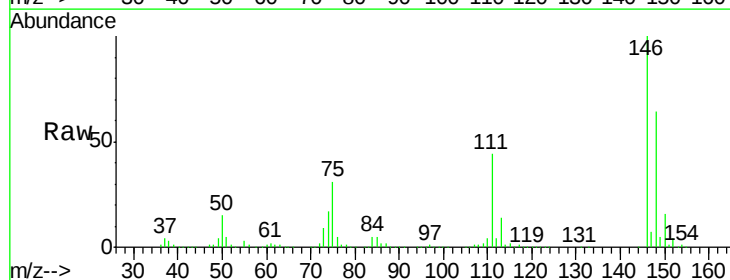
Tgt Ion:146 Resp: 939900

Ion Ratio Lower Upper

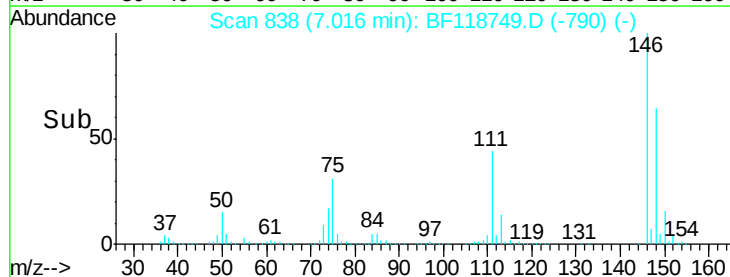
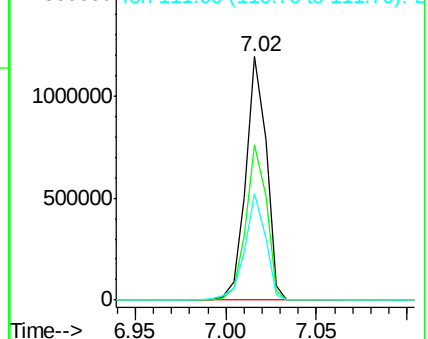
146 100

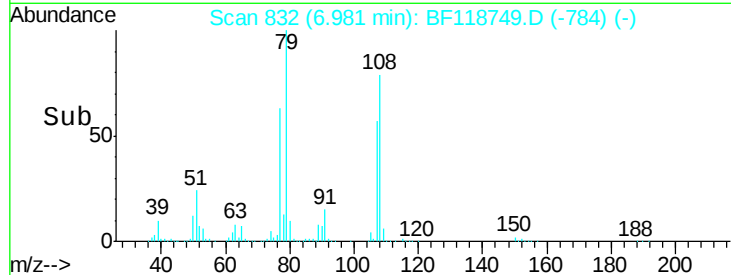
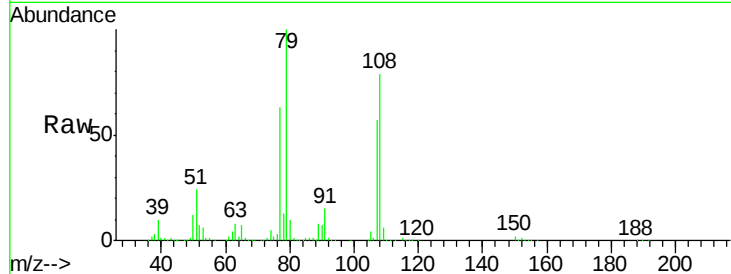
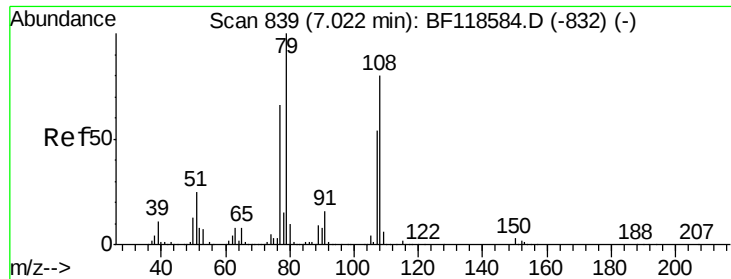
148 64.0 51.7 77.5

111 43.7 35.3 52.9



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





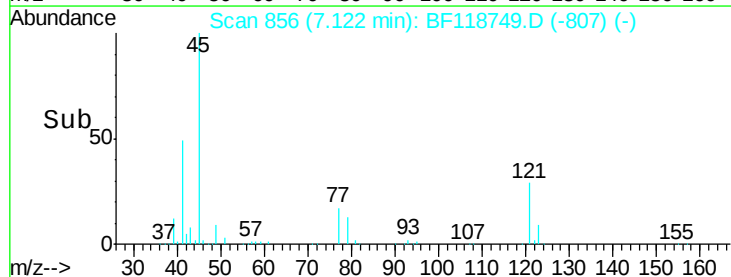
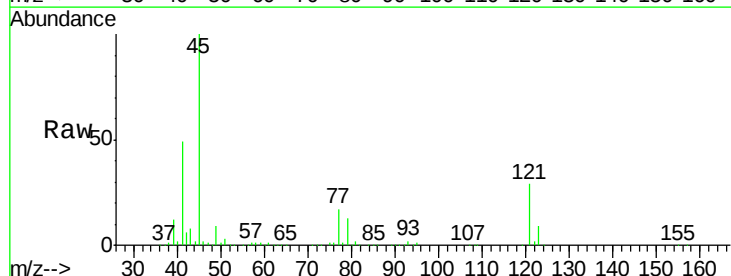
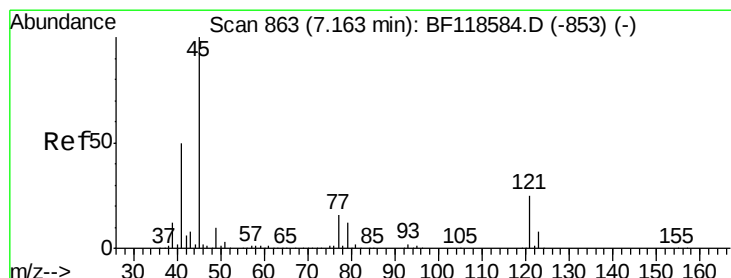
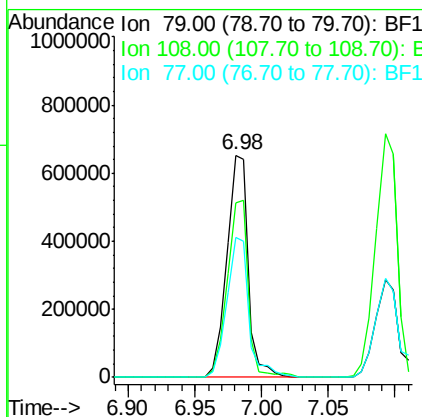
#15
Benzyl Alcohol
Concen: 38.539 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.5	63.4	95.2
77	63.0	49.8	74.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

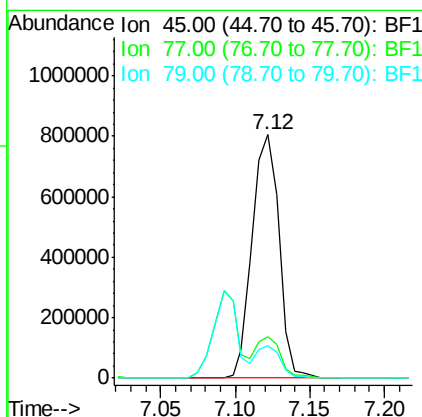
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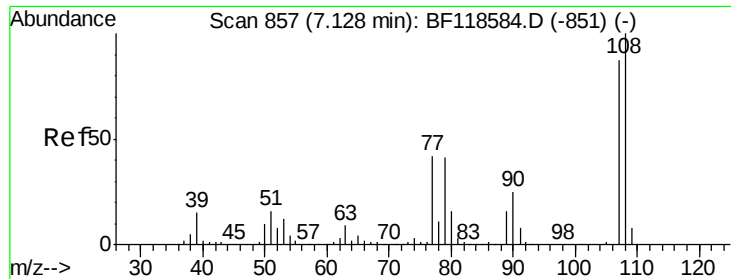
mohammad
2/3/2020 7:56:50 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.990 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	36.9
79	13.4	0.0	32.5





#17

2-Methylphenol

Concen: 40.512 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Instrument :

BNA_F

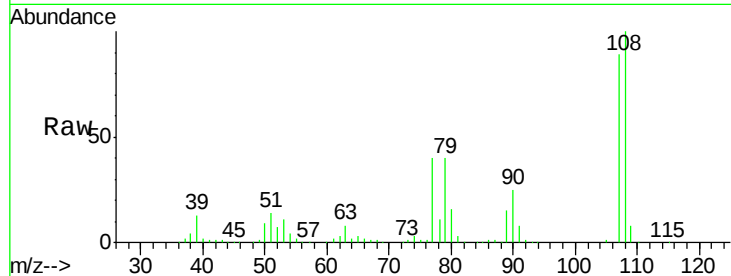
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	88.0	132.0
77	45.4	35.3	52.9
79	45.2	35.4	53.2

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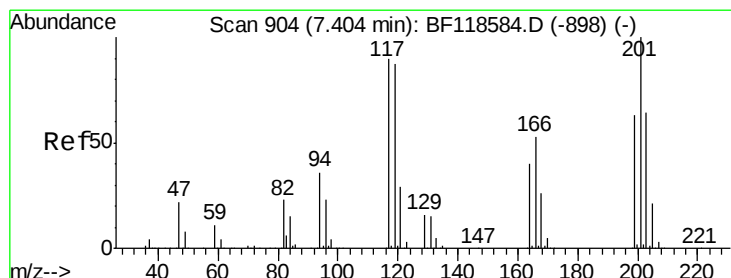
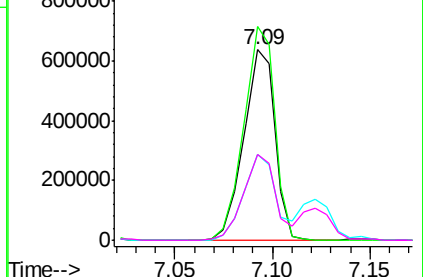
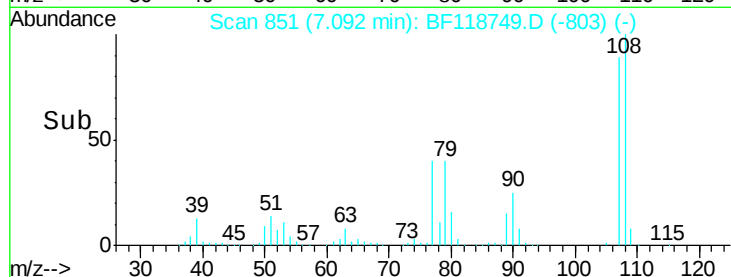


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.059 ng

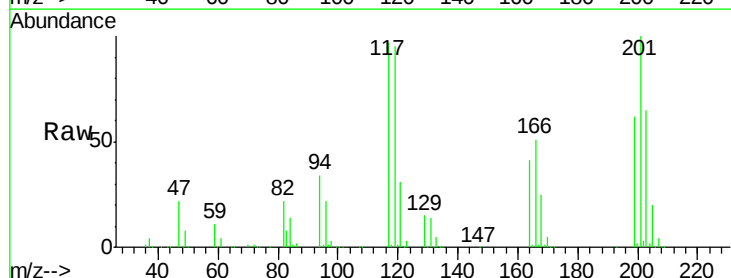
RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

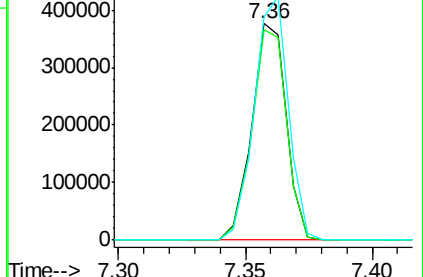
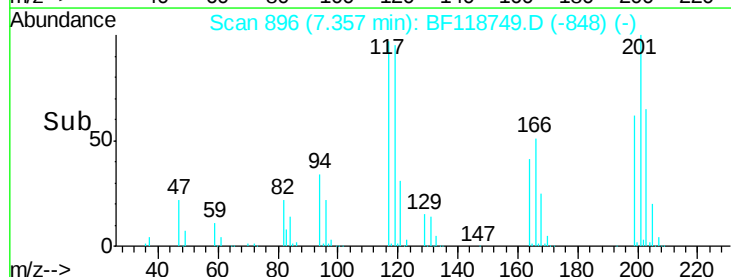
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.2	114.2
201	102.9	83.3	124.9

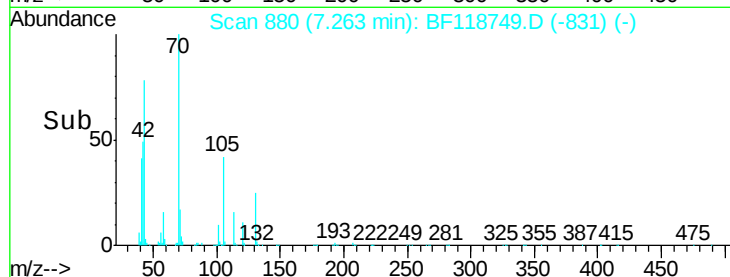
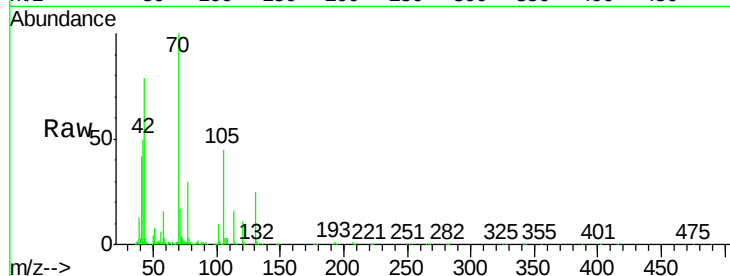
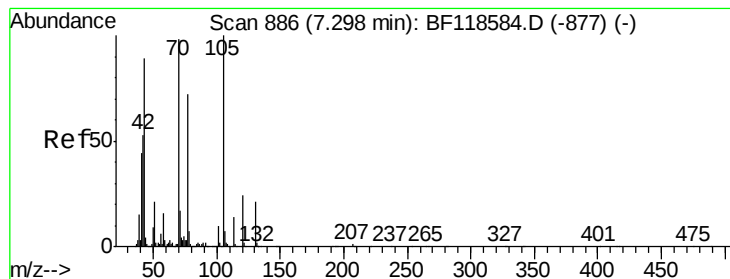


Abundance Ion 117.00 (116.70 to 117.70): E

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: 35.150 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 575120

Ion Ratio Lower Upper

70 100

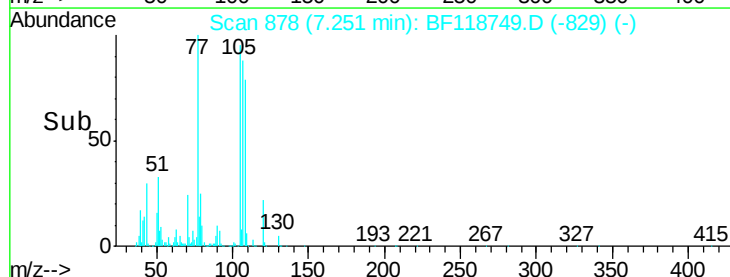
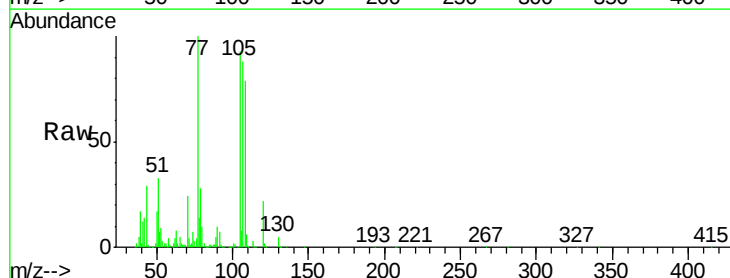
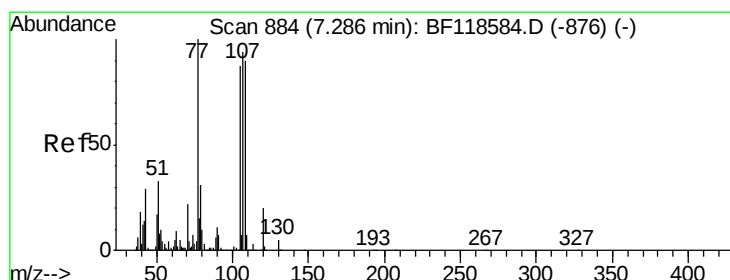
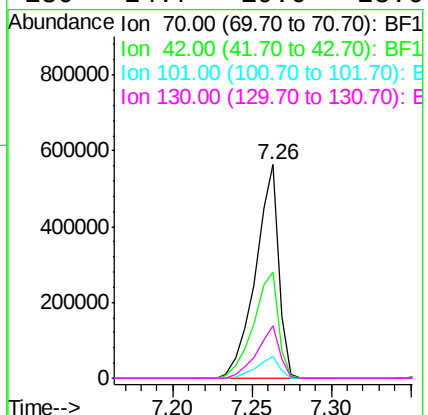
42 49.6 41.6 62.4

101 10.1 7.9 11.9

130 24.7 19.0 28.6

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#20

3+4-Methylphenols

Concen: 38.825 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Tgt Ion: 107 Resp: 826257

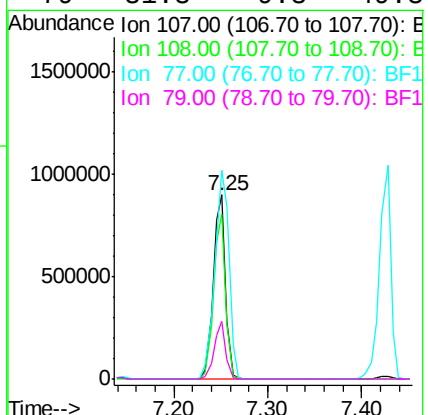
Ion Ratio Lower Upper

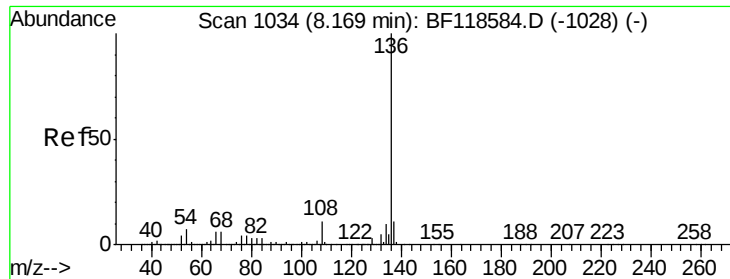
107 100

108 90.1 67.5 107.5

77 113.5 73.6 113.6

79 31.3 9.3 49.3





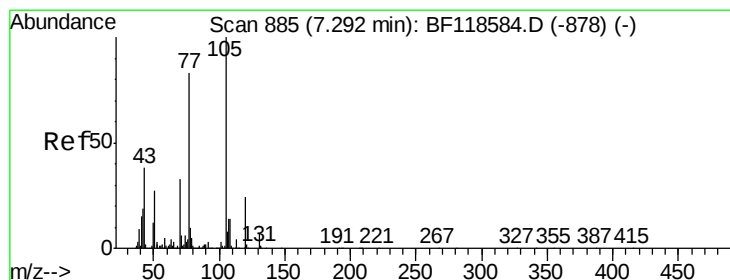
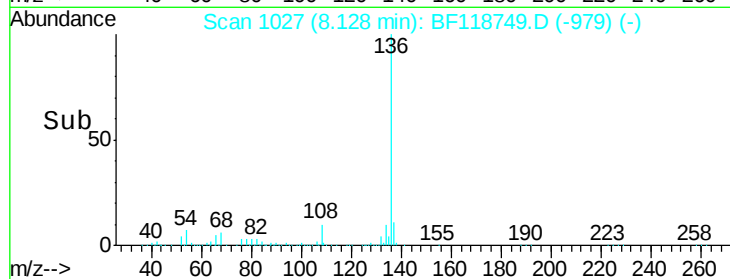
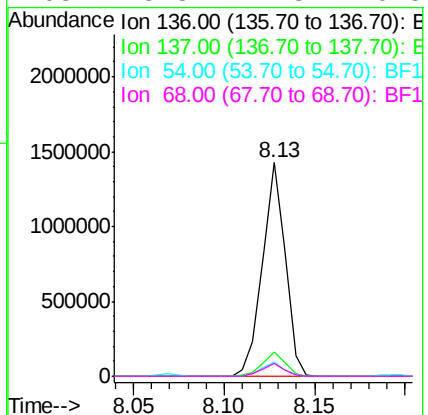
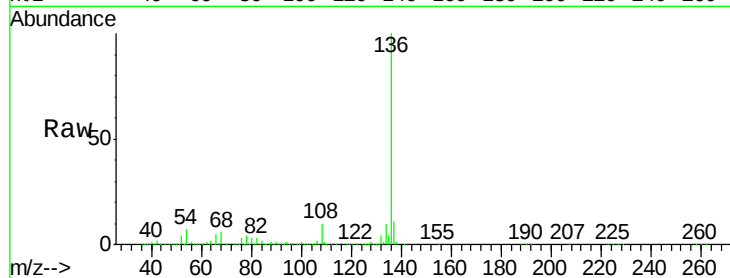
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.5	5.1	7.7
68	5.8	4.3	6.5

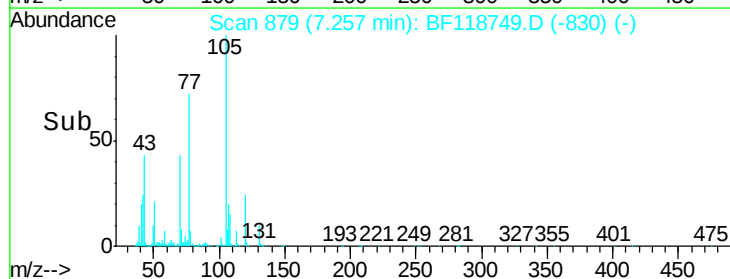
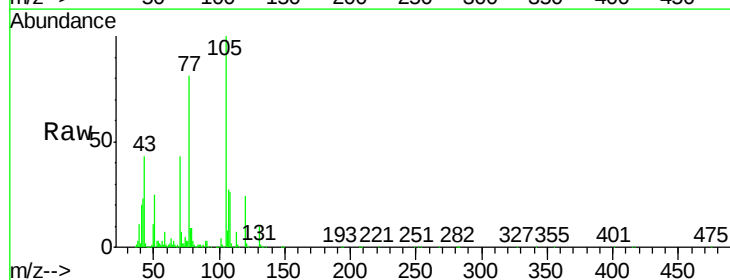
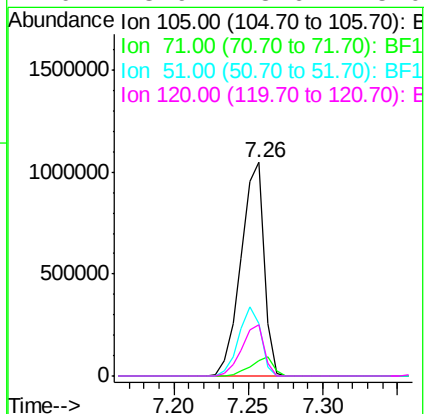
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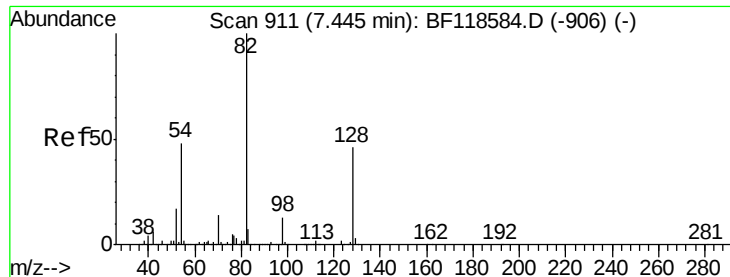
mohammad
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#22
Acetophenone
Concen: 37.972 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.5	4.3	6.5#
51	24.7	23.5	35.3
120	23.9	18.6	28.0





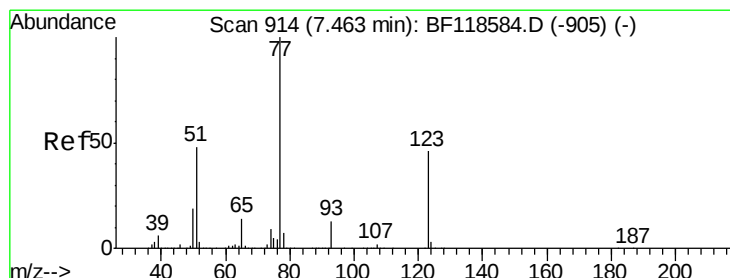
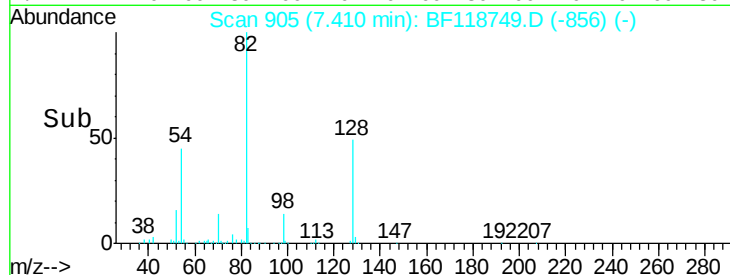
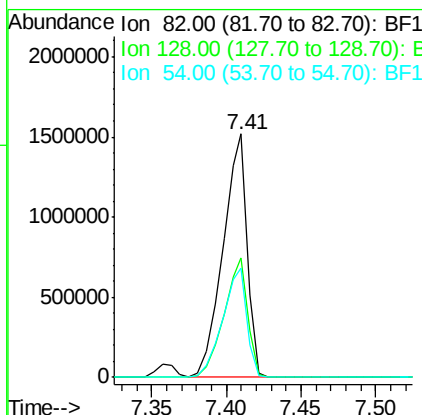
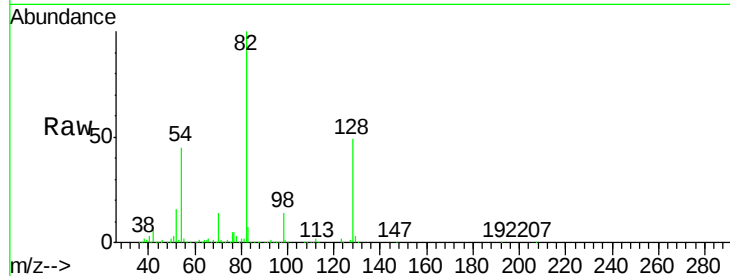
#23
Nitrobenzene-d5
Concen: 77.337 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	1728562
Ion	Ratio	Lower	Upper
82	100		
128	49.2	38.2	57.2
54	45.1	36.1	54.1

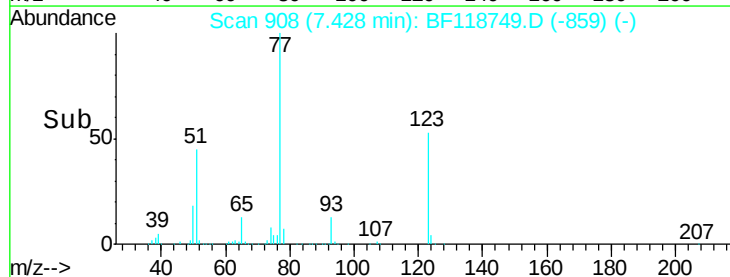
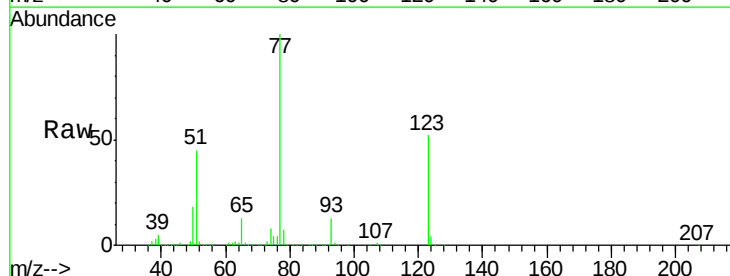
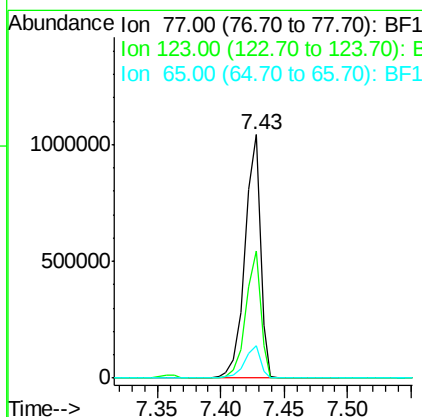
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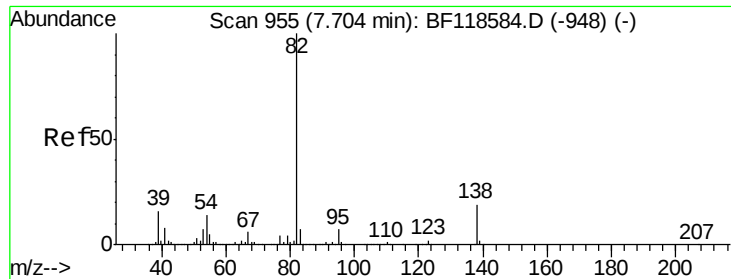
mohammad
2/3/2020 7:56:50 AM



#24
Nitrobenzene
Concen: 38.285 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion	77	Resp	876178
Ion	Ratio	Lower	Upper
77	100		
123	52.4	39.2	58.8
65	13.3	10.6	15.8





#25

Isophorone

Concen: 37.780 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1540180

Ion Ratio Lower Upper

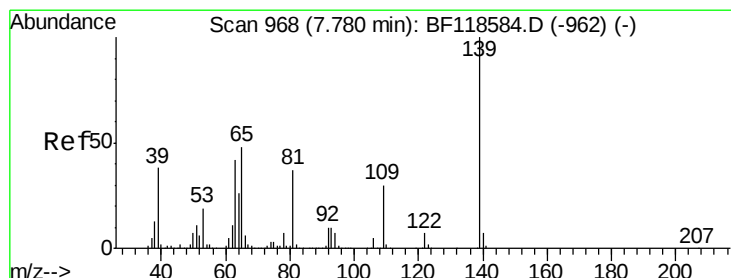
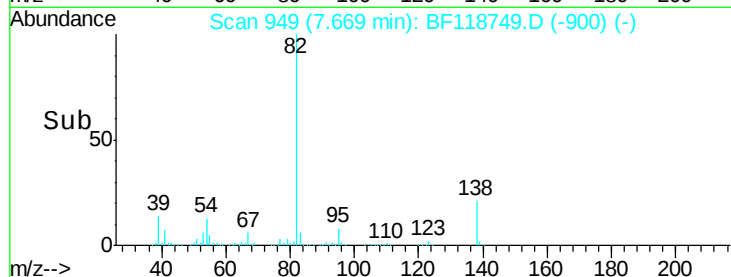
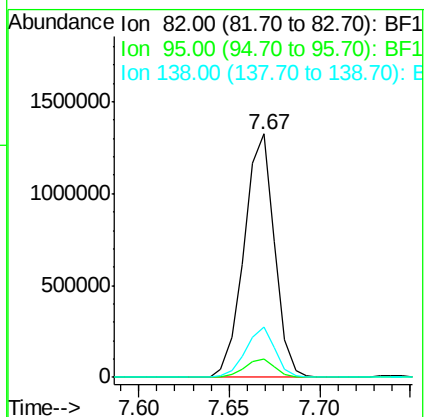
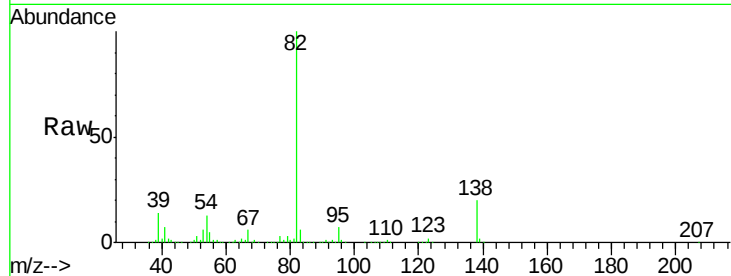
82 100

95 7.4 5.8 8.8

138 20.5 15.8 23.8

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#26

2-Nitrophenol

Concen: 47.423 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.02 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

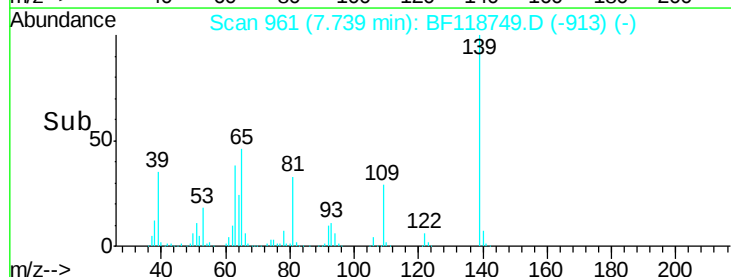
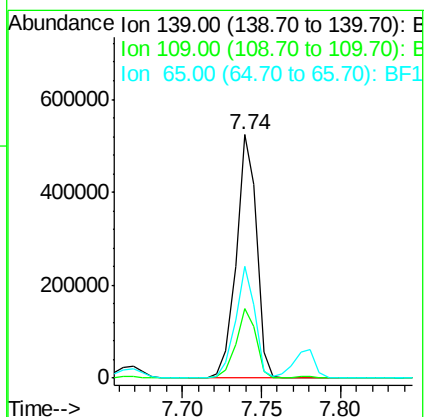
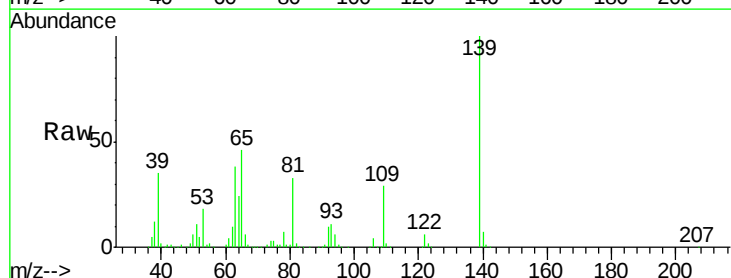
Tgt Ion: 139 Resp: 462828

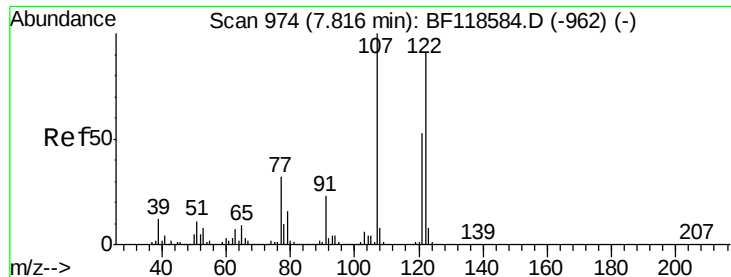
Ion Ratio Lower Upper

139 100

109 28.7 23.1 34.7

65 46.0 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 37.225 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Instrument :

BNA_F

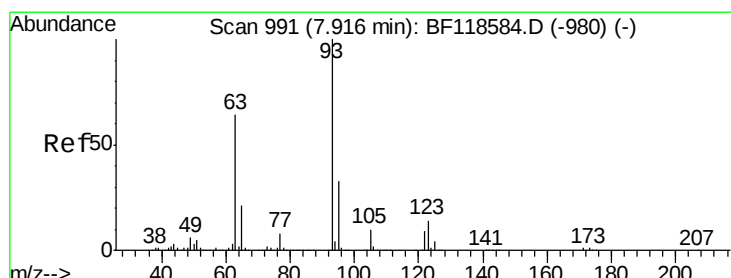
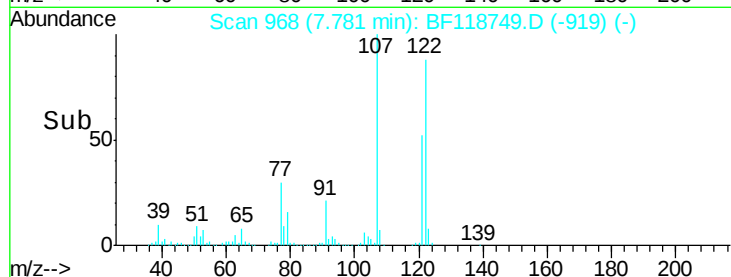
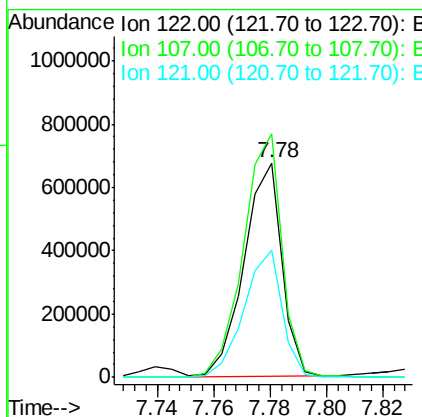
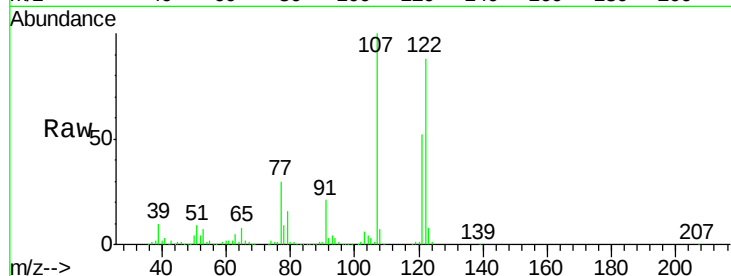
ClientSampled :

SSTDCCC040

Tot Ion:	122	Resp:	627346
Ion	Ratio	Lower	Upper
122	100		
107	113.6	91.8	137.8
121	59.3	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 38.905 ng

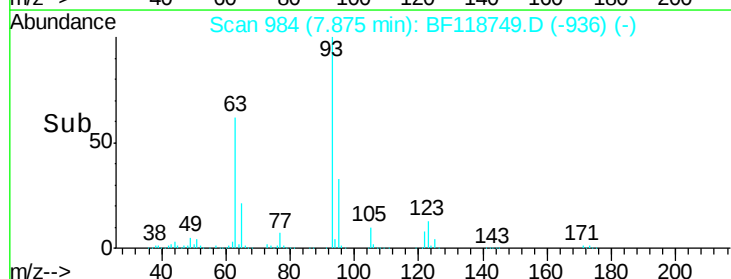
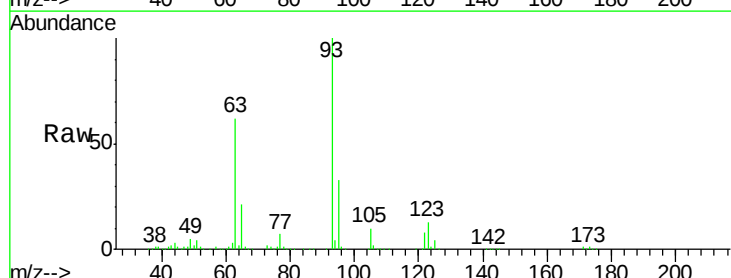
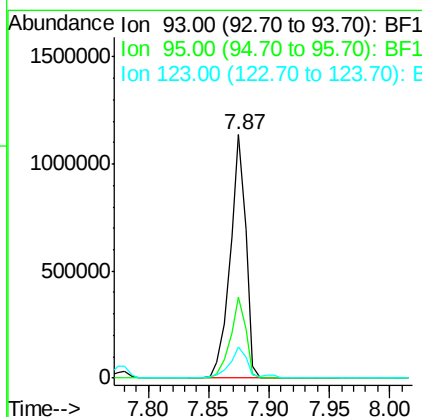
RT: 7.87 min Scan# 984

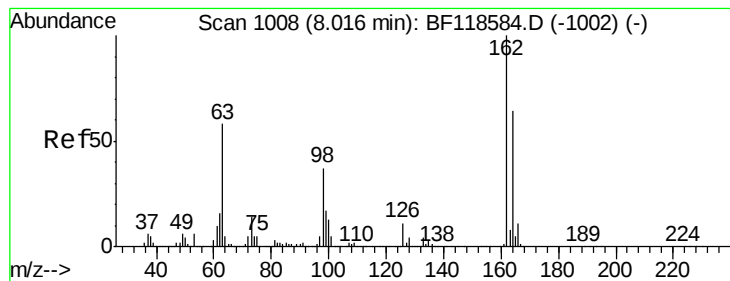
Delta R.T. -0.02 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Tgt Ion:	93	Resp:	1021963
Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.8	40.2
123	12.8	10.7	16.1





#29

2,4-Dichlorophenol

Concen: 40.967 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Instrument :

BNA_F

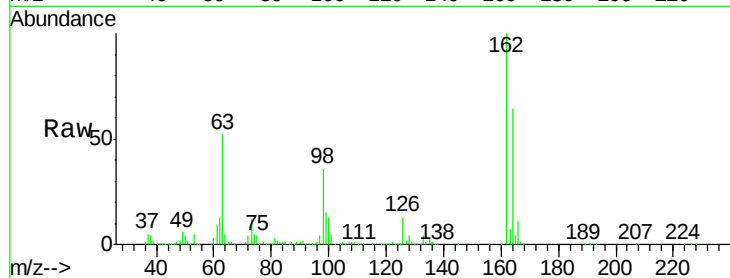
ClientSampleId :

SSTDCCC040

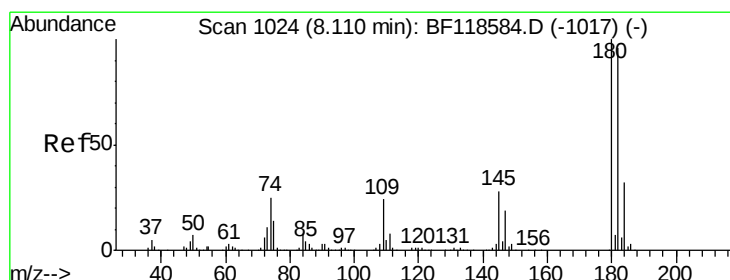
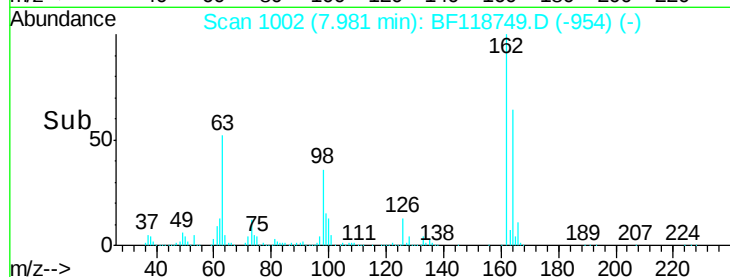
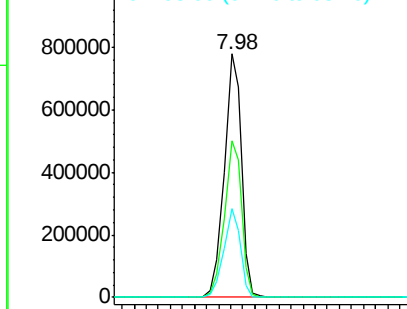
Tot Ion:	162	Resp:	763217
Ion Ratio	Lower	Upper	
162	100		
164	64.2	43.8	83.8
98	36.4	15.0	55.0

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.124 ng

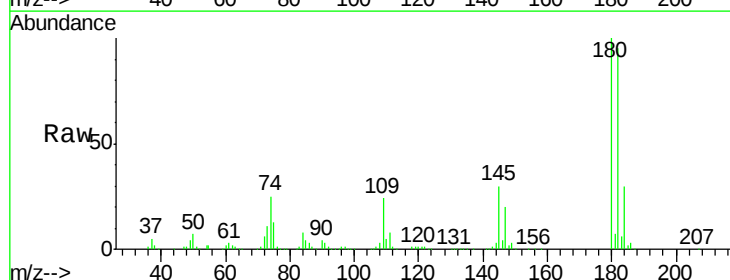
RT: 8.07 min Scan# 1017

Delta R.T. -0.02 min

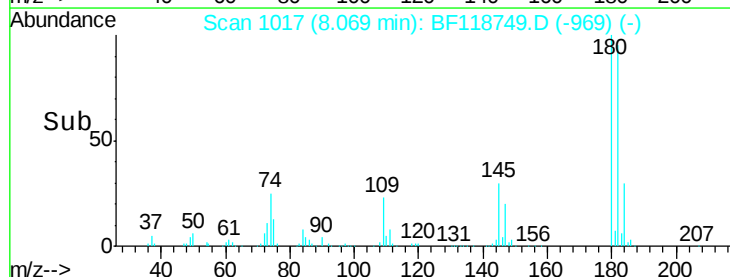
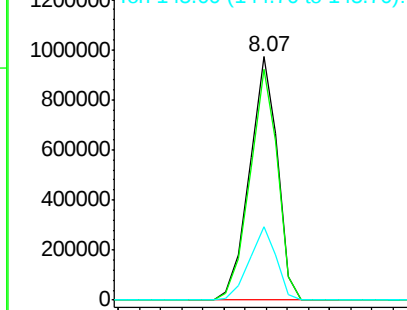
Lab File: BF118749.D

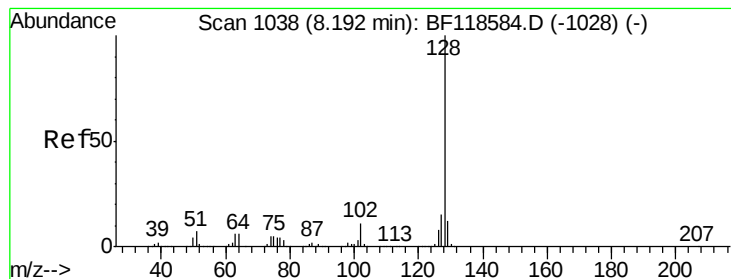
Acq: 30 Jan 2020 14:05

Tgt Ion:	180	Resp:	888329
Ion Ratio	Lower	Upper	
180	100		
182	94.7	77.0	115.4
145	30.1	23.5	35.3



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.015 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Instrument :

BNA_F

ClientSampleId :

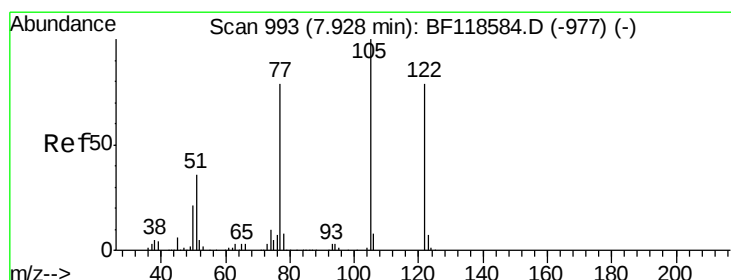
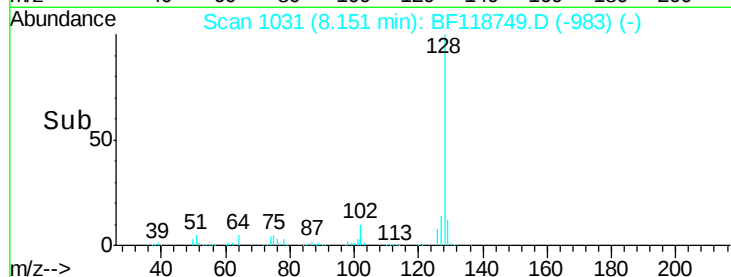
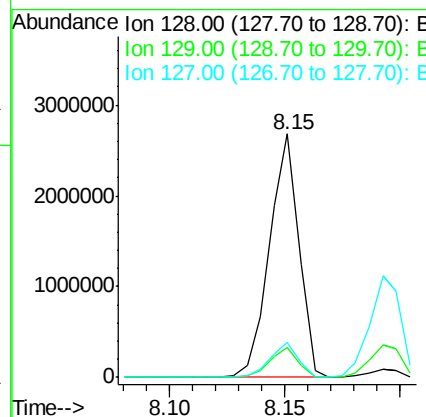
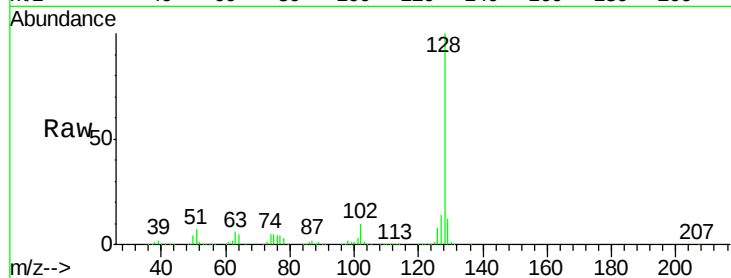
SSTDCCC040

Tot Ion:128 Resp: 2372802

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.0
127	14.5	11.3	16.9

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#32

Benzoic acid

Concen: 38.654 ng m

RT: 7.90 min Scan# 989

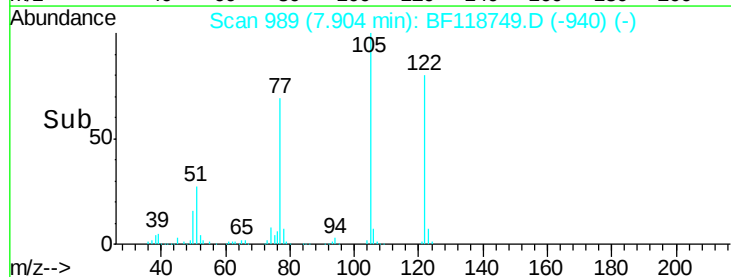
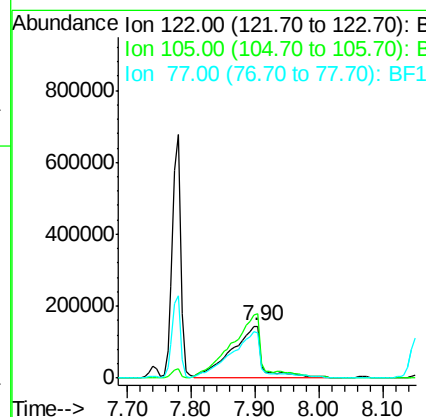
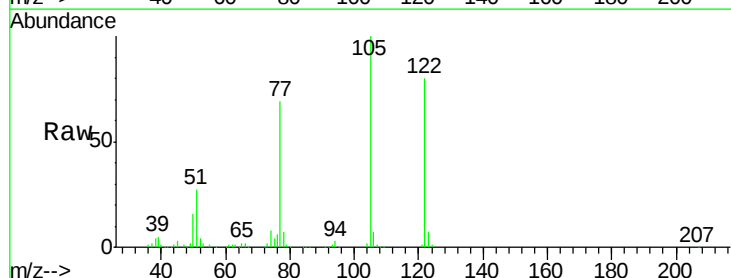
Delta R.T. -0.01 min

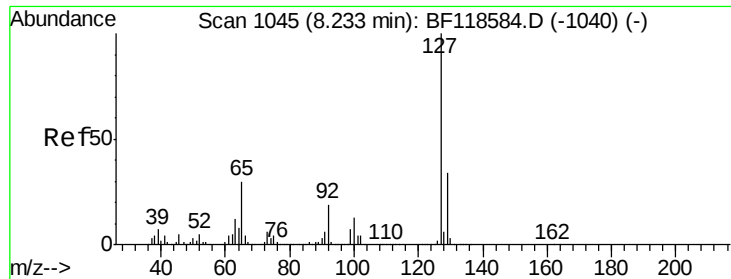
Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Tgt Ion:122 Resp: 488894

Ion	Ratio	Lower	Upper
122	100		
105	124.6	100.9	140.9
77	85.9	65.1	105.1





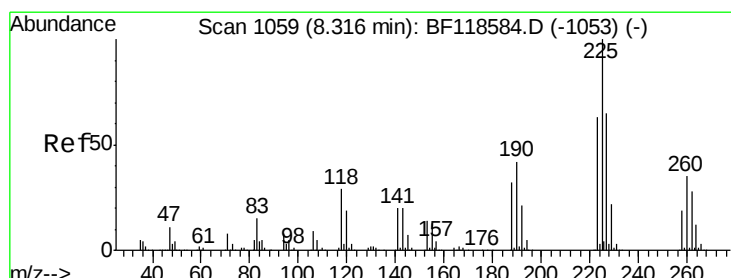
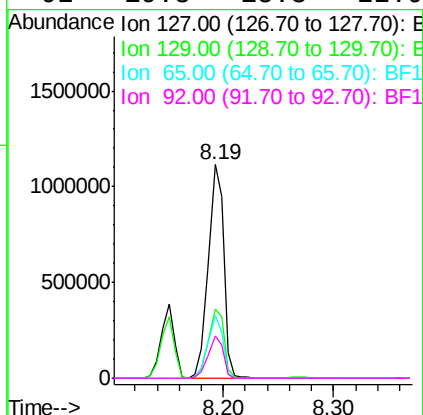
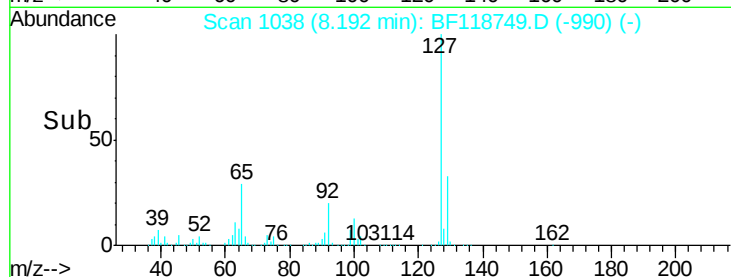
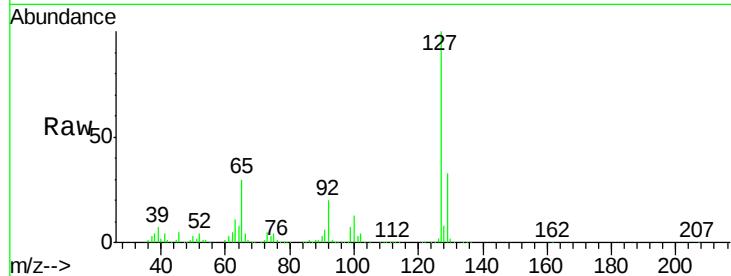
#33
4-Chloroaniline
Concen: 40.241 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.4	39.6		
65	29.6	22.6	33.8		
92	19.8	15.3	22.9		

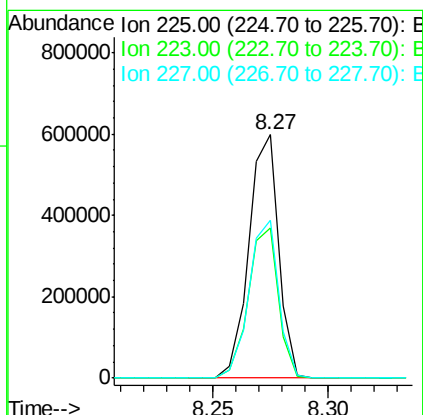
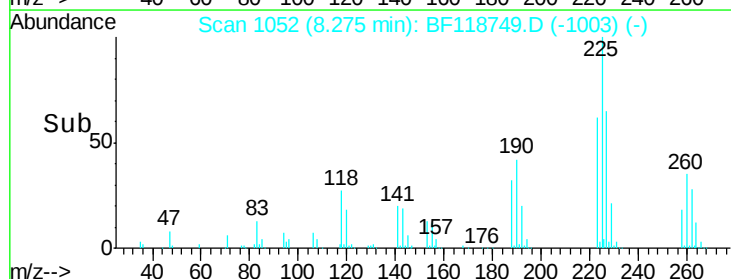
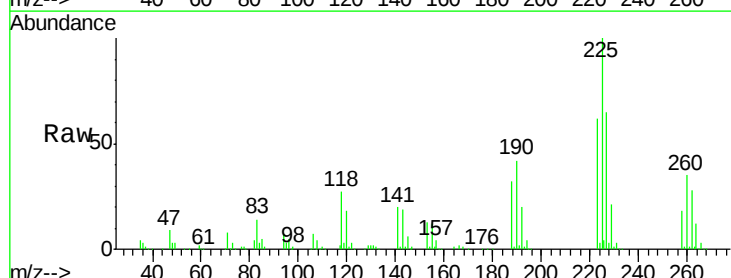
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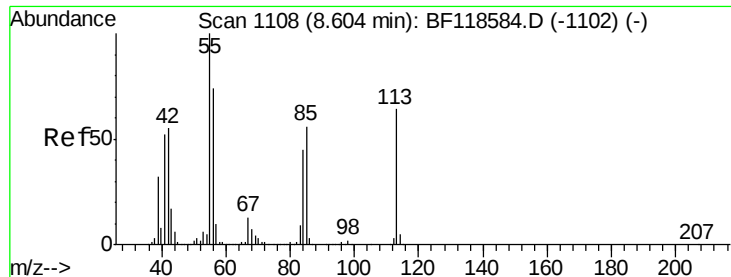
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#34
Hexachlorobutadiene
Concen: 41.113 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	50.3	75.5		
227	64.7	50.5	75.7		





#35

Caprolactam

Concen: 38.296 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 233478

Ion Ratio Lower Upper

113 100

55 137.7 119.0 159.0

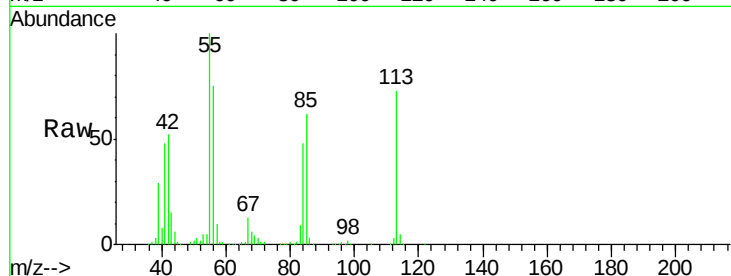
56 103.1 85.4 125.4

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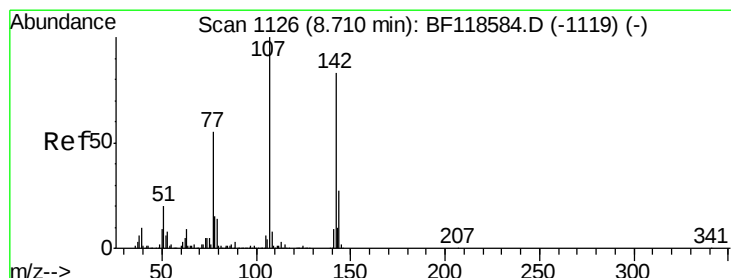
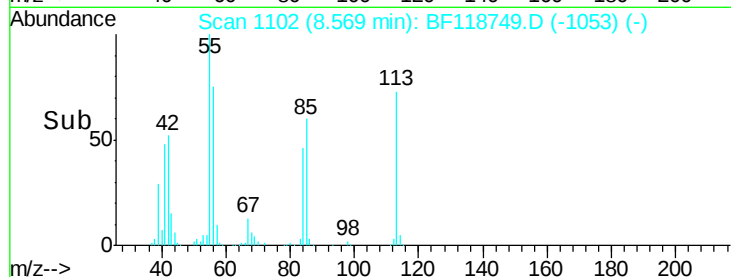
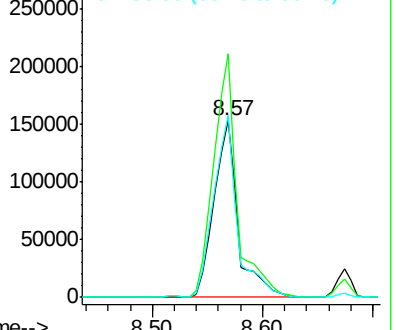
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.490 ng

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

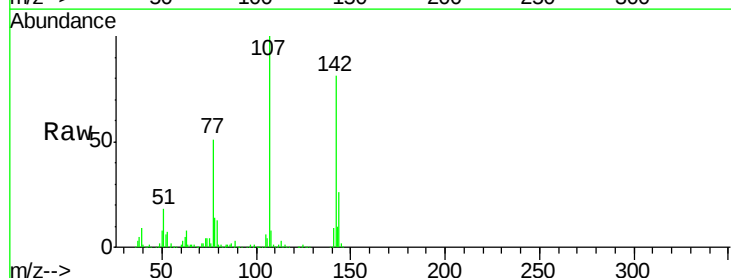
Tgt Ion:107 Resp: 744908

Ion Ratio Lower Upper

107 100

144 26.3 20.9 31.3

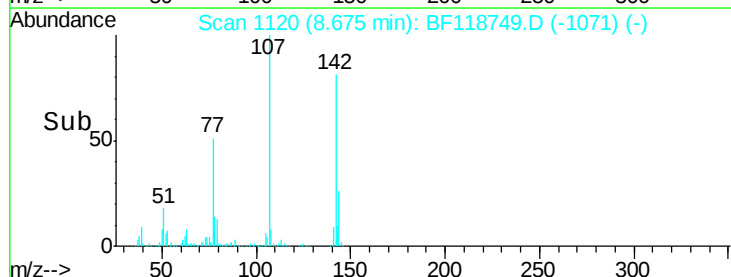
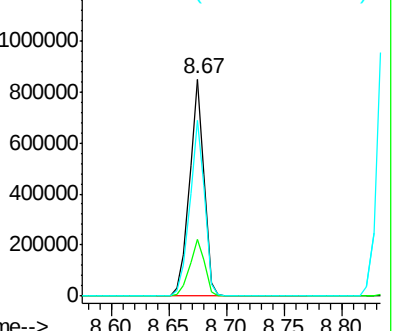
142 80.9 64.5 96.7

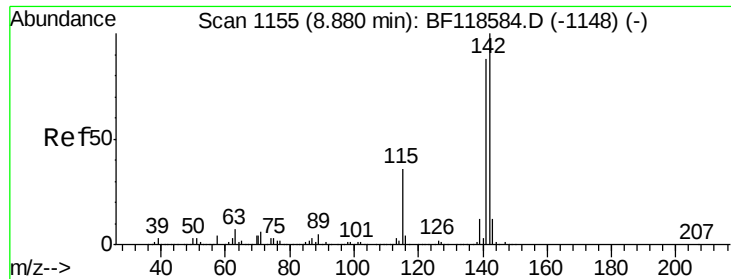


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





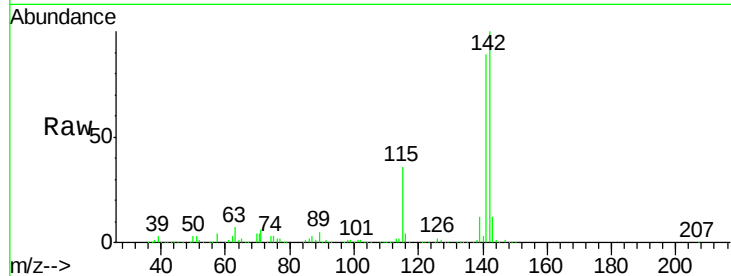
#37
2-Methylnaphthalene
Concen: 40.635 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

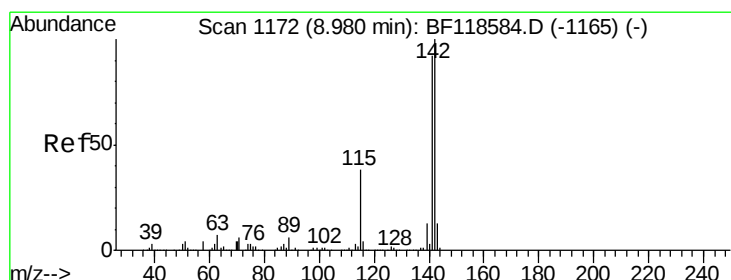
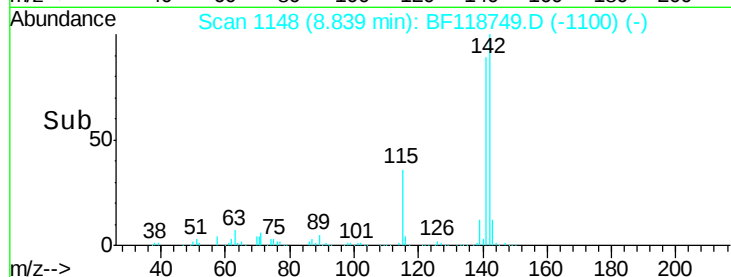
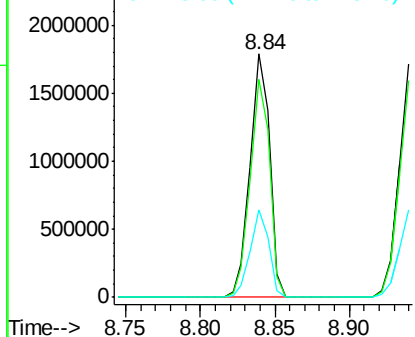
Tot Ion	Ion	Ratio	Lower	Upper
142	100			
141	89.5	71.4	107.0	
115	36.1	27.5	41.3	

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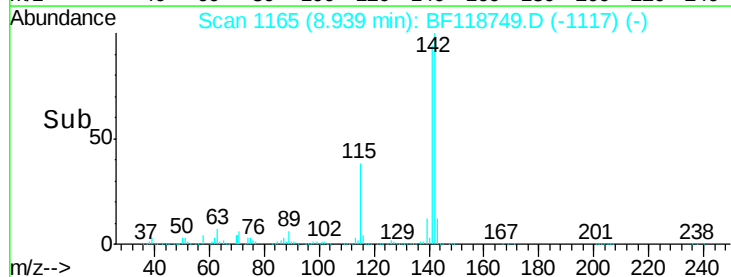
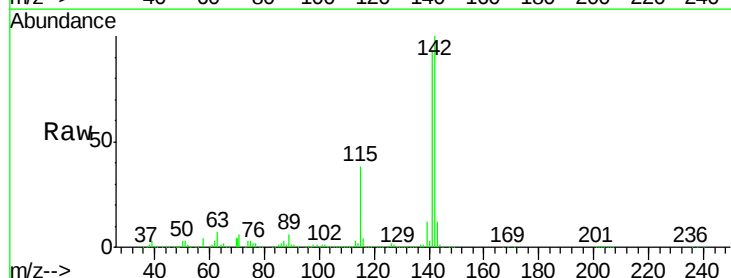
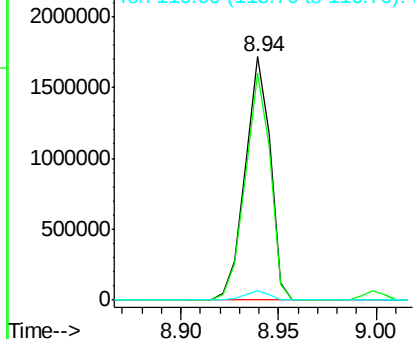
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

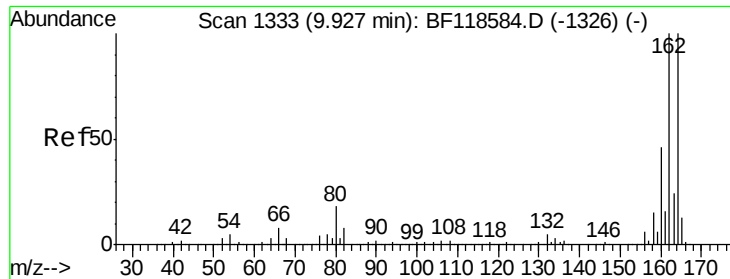


#38
1-Methylnaphthalene
Concen: 40.274 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion	Ion	Ratio	Lower	Upper
142	100			
141	93.0	73.5	110.3	
116	3.9	3.0	4.6	

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





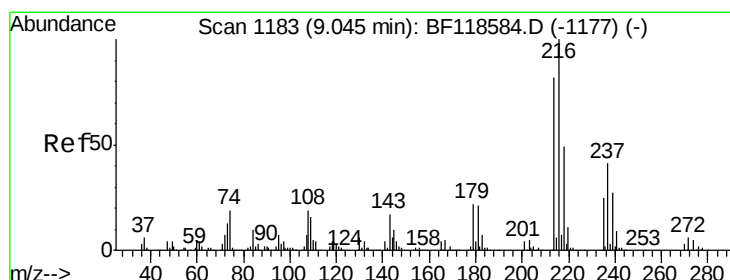
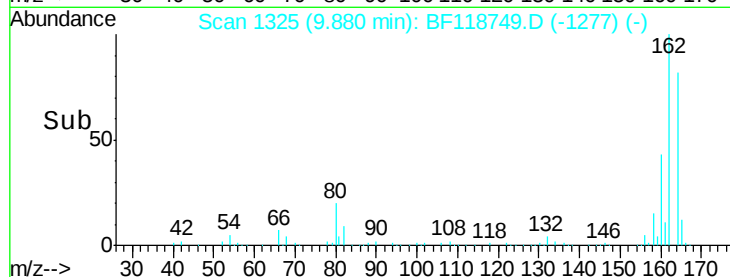
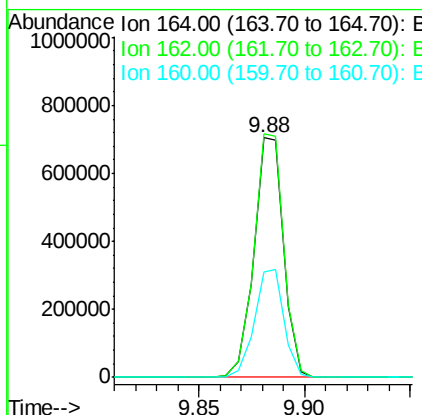
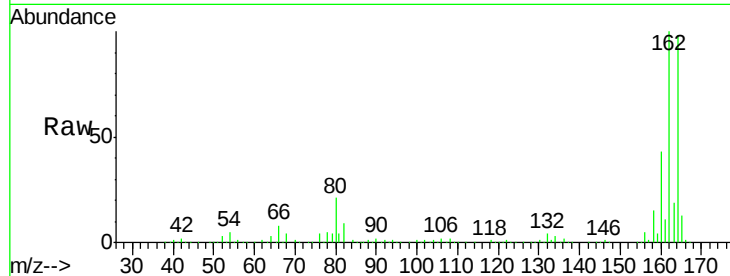
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.7	80.8	121.2	
160	44.1	35.4	53.0	

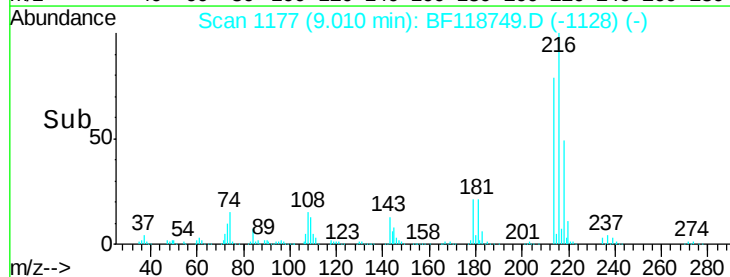
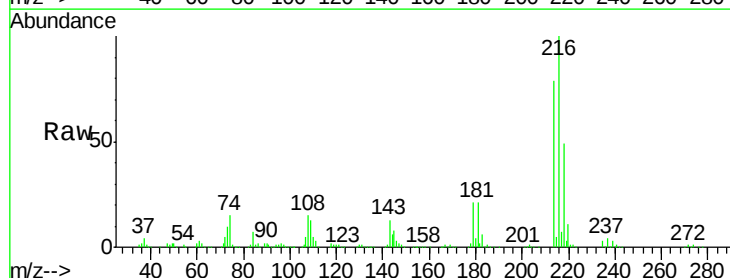
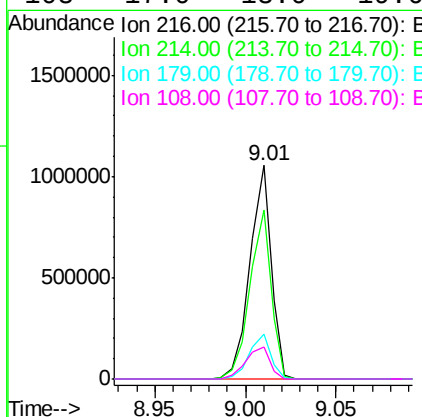
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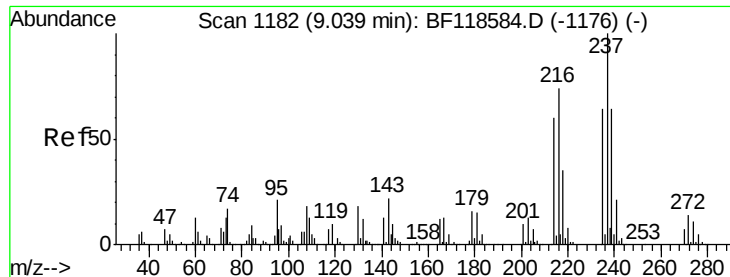
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.310 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.9	63.4	95.2	
179	21.1	17.0	25.4	
108	17.0	13.0	19.6	





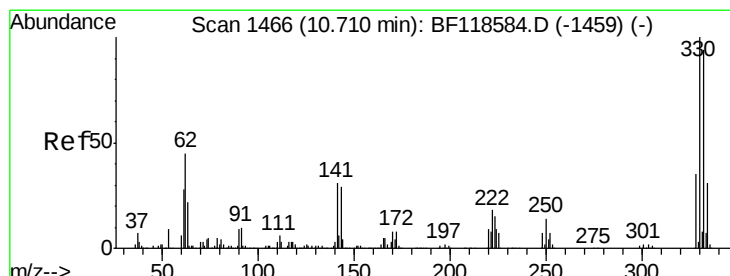
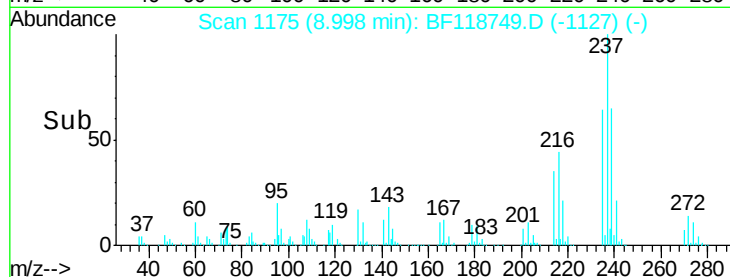
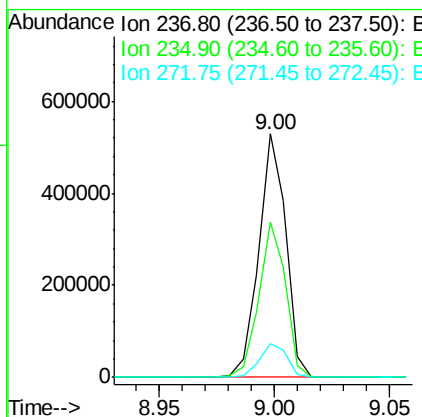
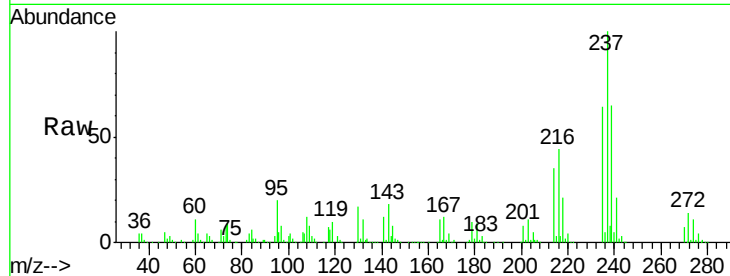
#41
 Hexachlorocyclopentadiene
 Concen: 39.672 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BF118749.D
 Acq: 30 Jan 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	237	Resp:	431206
Ion Ratio	Lower	Upper	
237	100		
235	63.9	42.7	82.7
272	13.7	0.0	34.4

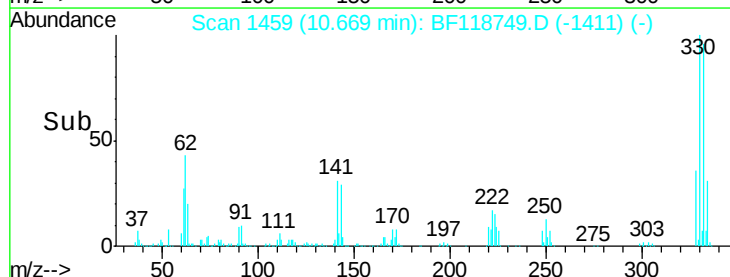
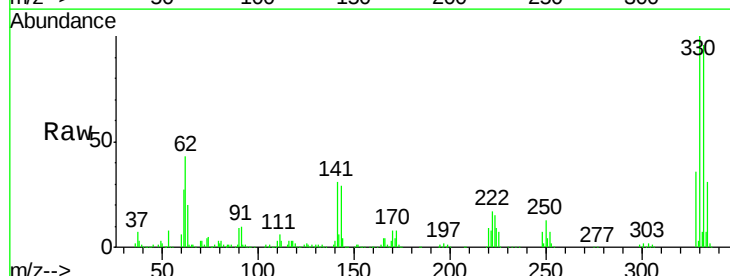
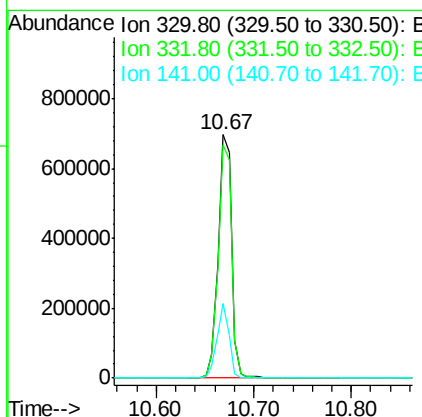
Manual Integrations
 APPROVED

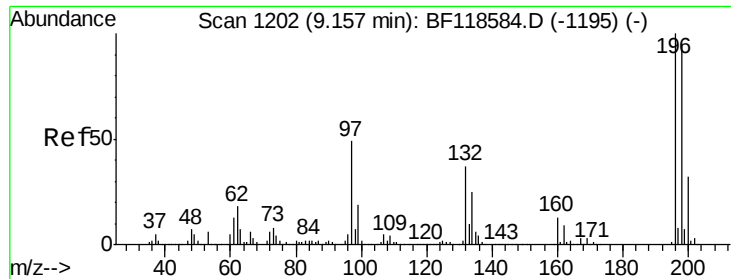
mohammad
 2/3/2020 7:56:50 AM



#42
 2,4,6-Tribromophenol
 Concen: 83.945 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF118749.D
 Acq: 30 Jan 2020 14:05

Tgt Ion:	330	Resp:	668495
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.6	116.4
141	27.8	22.2	33.2





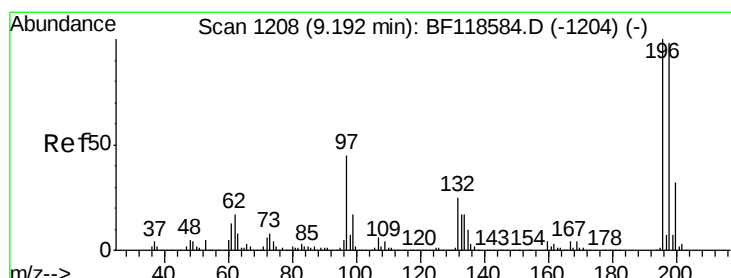
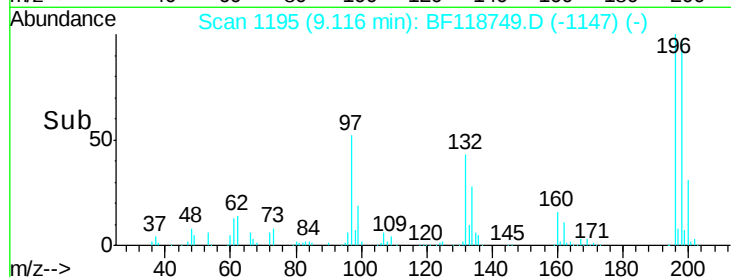
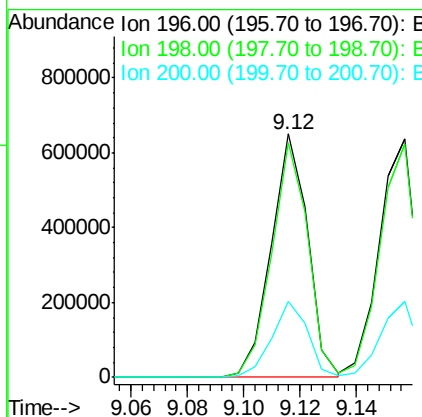
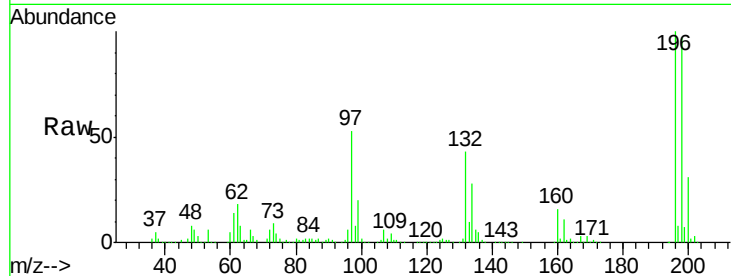
#43
2,4,6-Trichlorophenol
Concen: 40.818 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	583520		
198	96.6		76.4	114.6
200	31.2		25.4	38.2

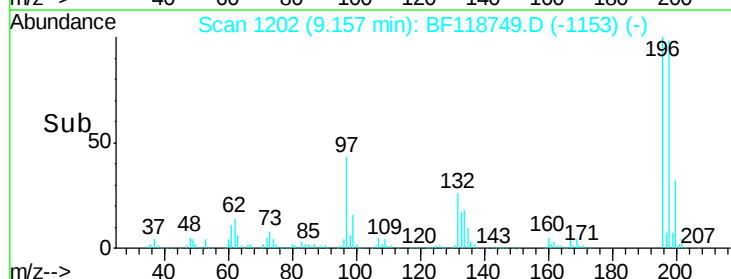
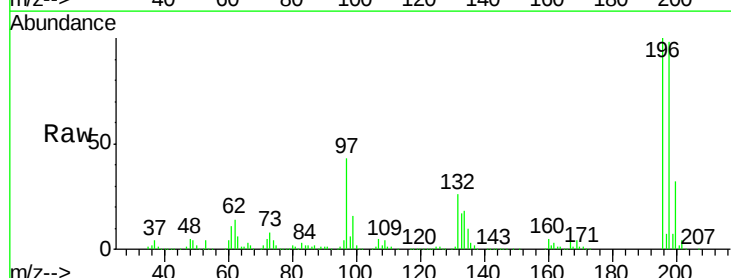
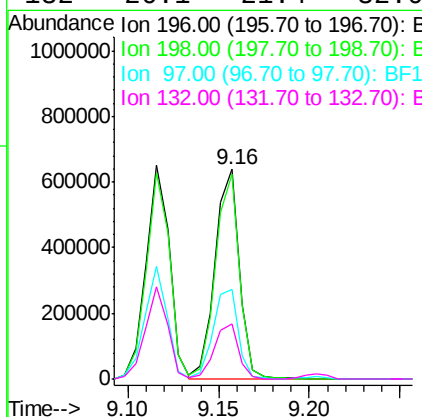
Manual Integrations
APPROVED

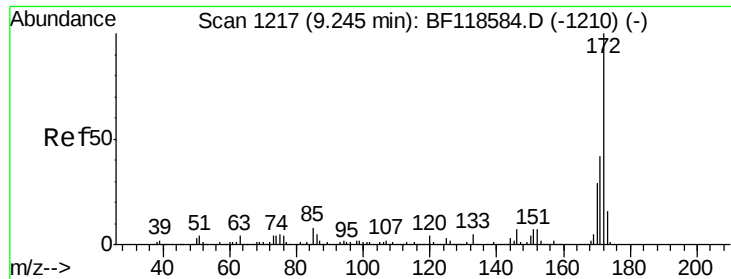
mohammad
2/3/2020 7:56:50 AM



#44
2,4,5-Trichlorophenol
Concen: 40.563 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	592217		
198	98.0		76.2	114.4
97	42.6		35.7	53.5
132	26.1		21.4	32.0





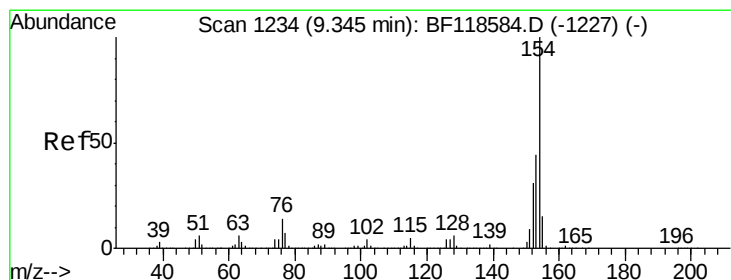
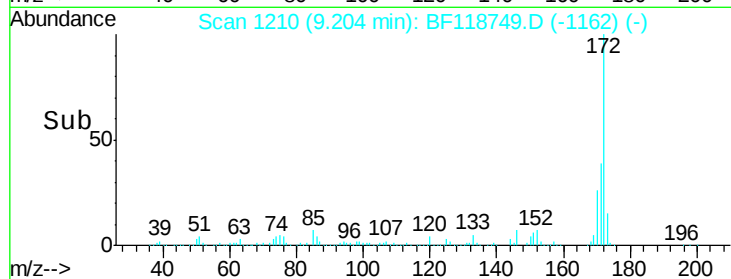
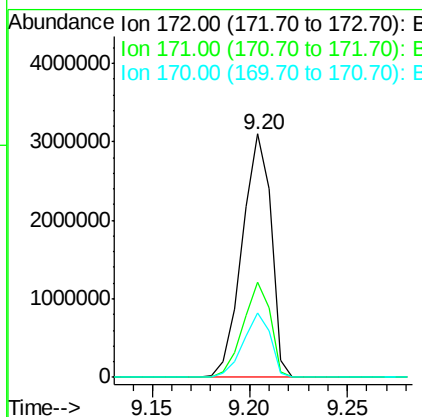
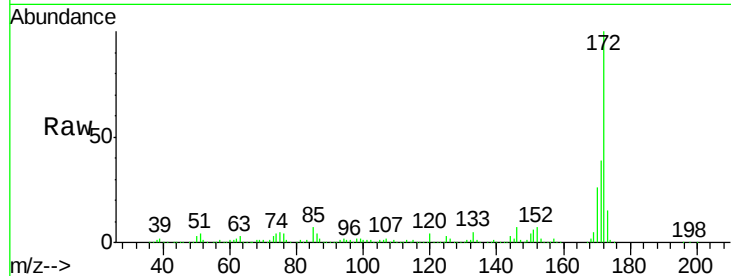
#45
2-Fluorobiphenyl
Concen: 75.782 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.0	46.4
170	26.2	20.7	31.1

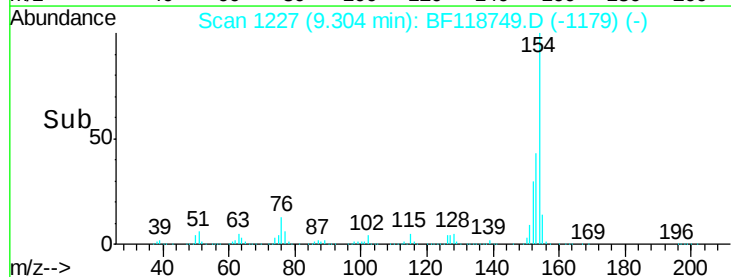
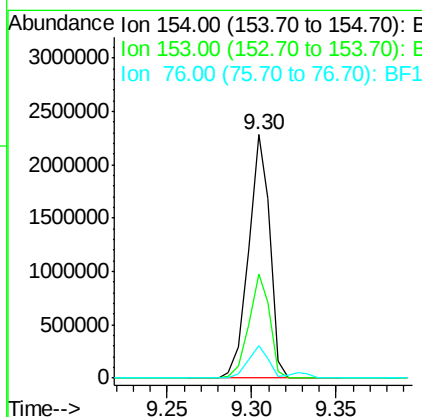
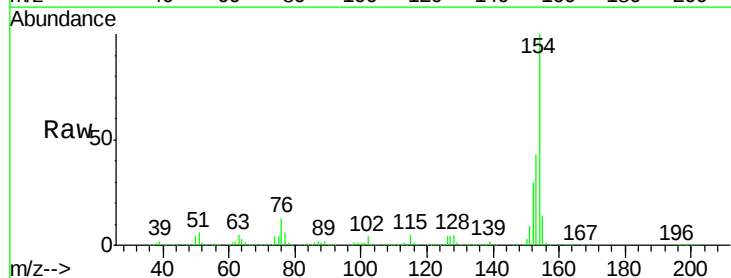
Manual Integrations
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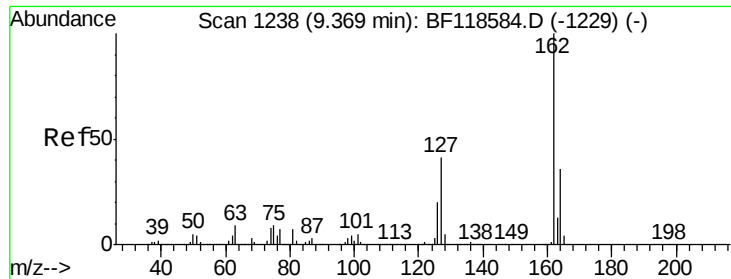
mohammad
2/3/2020 7:56:50 AM



#46
1,1'-Biphenyl
Concen: 42.300 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.3	62.3
76	13.4	0.0	32.0





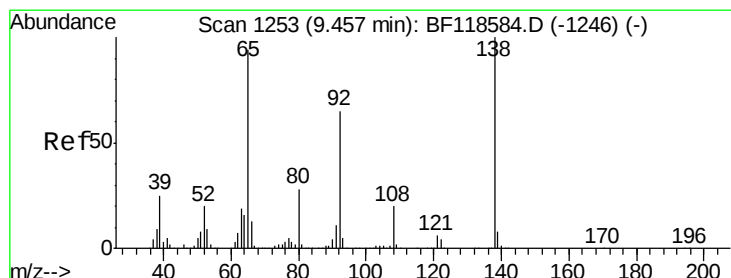
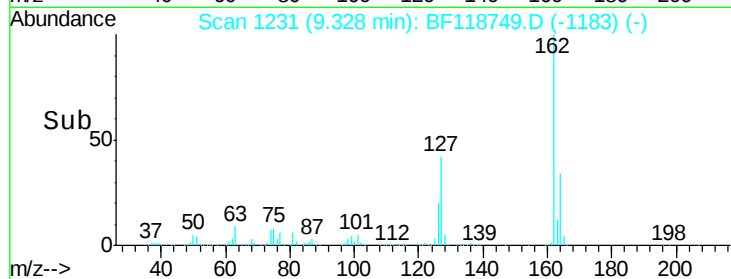
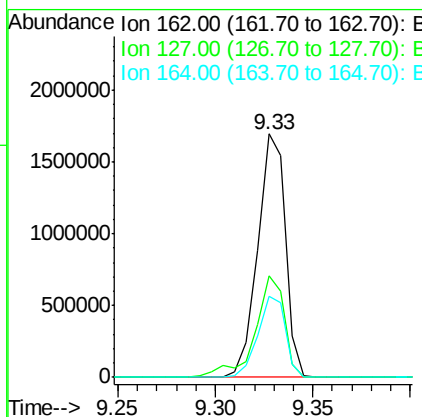
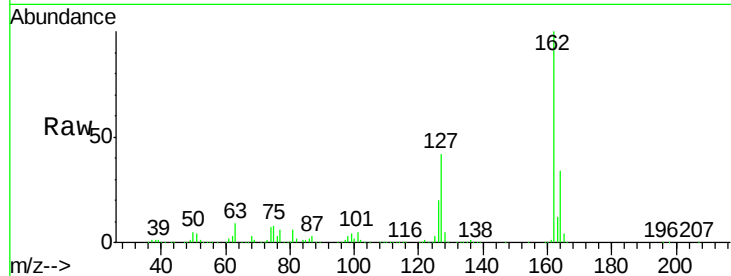
#47
 2-Chloronaphthalene
 Concen: 41.567 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF118749.D
 Acq: 30 Jan 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.9	49.3
164	33.5	27.5	41.3

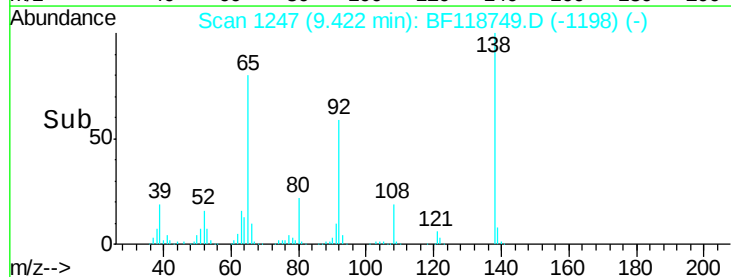
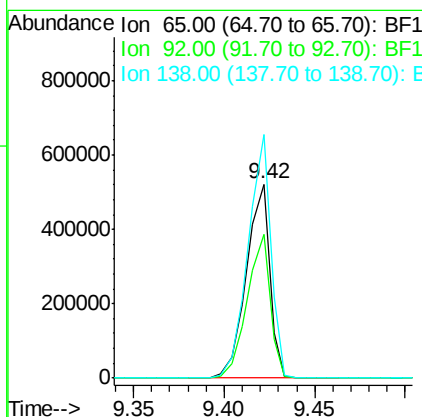
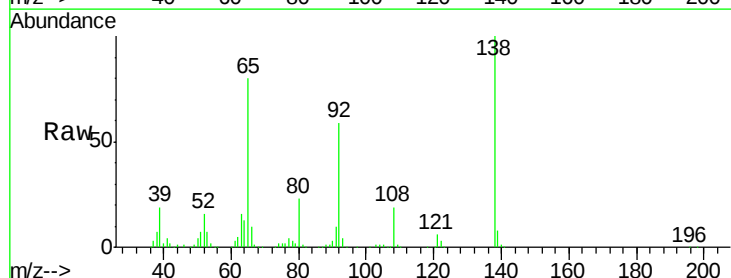
Manual Integrations
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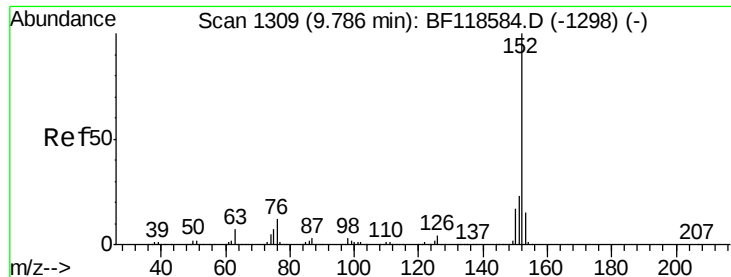
mohammad
 2/3/2020 7:56:50 AM



#48
 2-Nitroaniline
 Concen: 38.132 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF118749.D
 Acq: 30 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.3	57.8	86.6
138	125.6	95.1	142.7





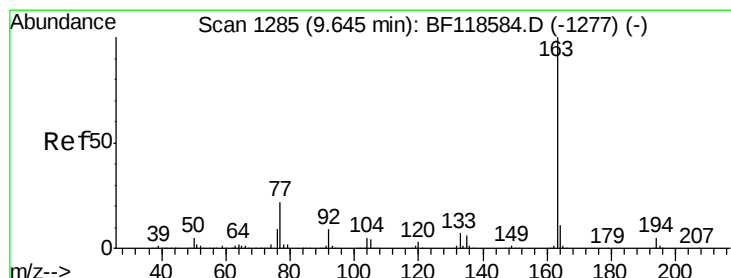
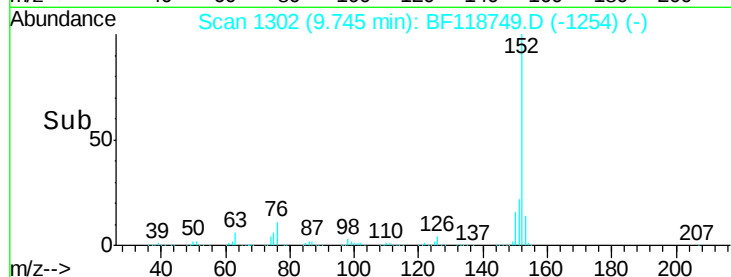
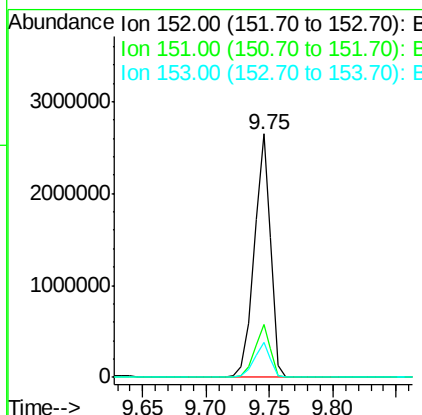
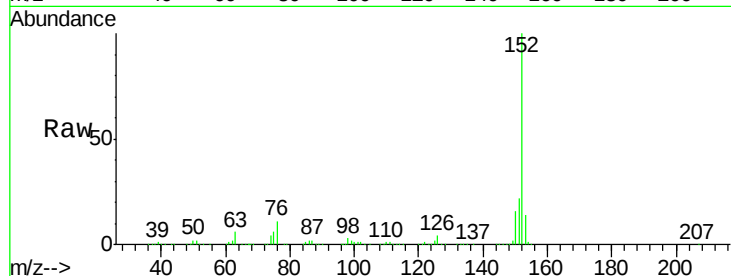
#49
Acenaphthylene
Concen: 42.401 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.1	25.7
153	14.5	11.0	16.4

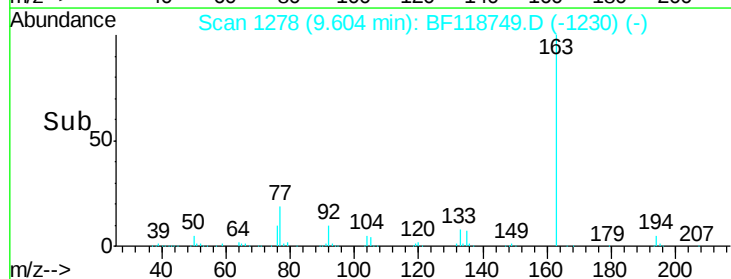
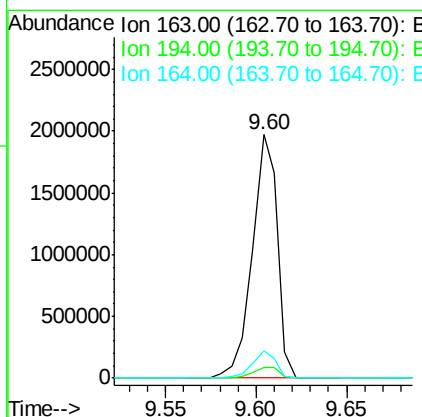
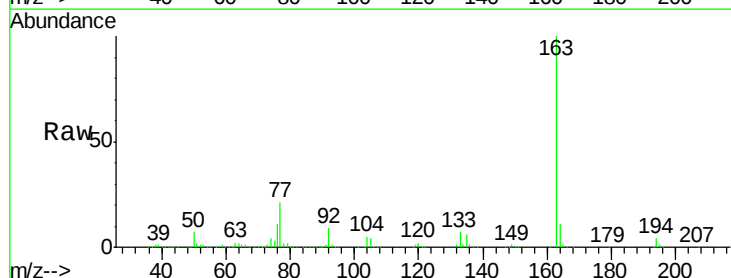
Manual Integrations
APPROVED

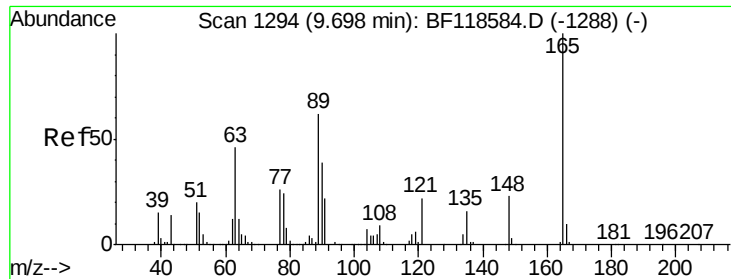
mohammad
2/3/2020 7:56:50 AM



#50
Dimethylphthalate
Concen: 42.023 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	11.1	8.2	12.2





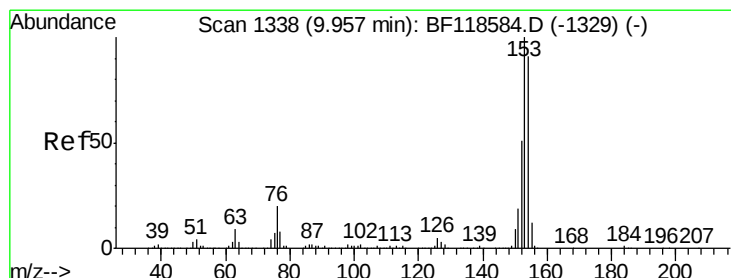
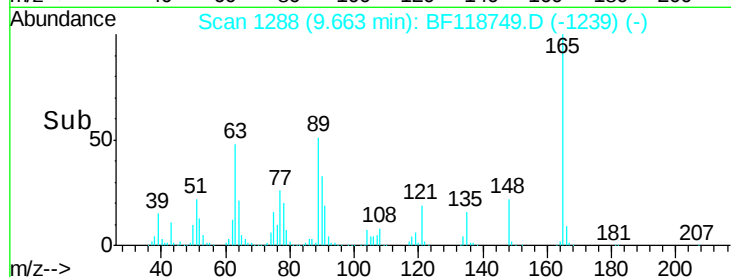
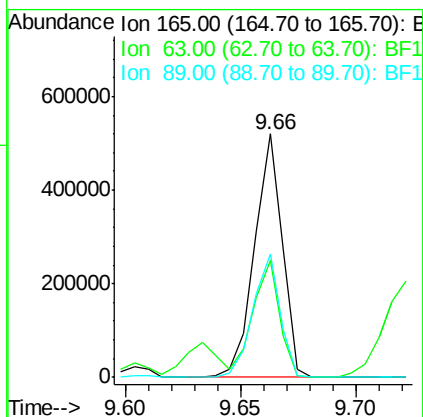
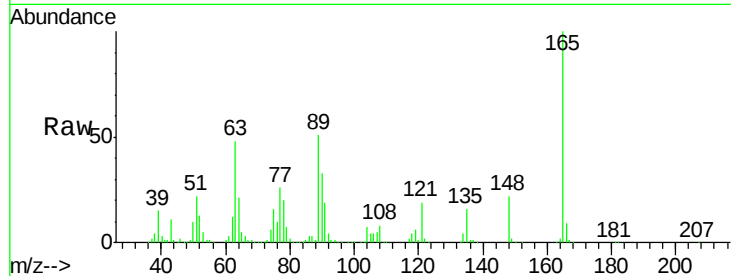
#51
2,6-Dinitrotoluene
Concen: 43.517 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	437116		
63	47.8		39.8	59.6
89	50.7		41.4	62.2

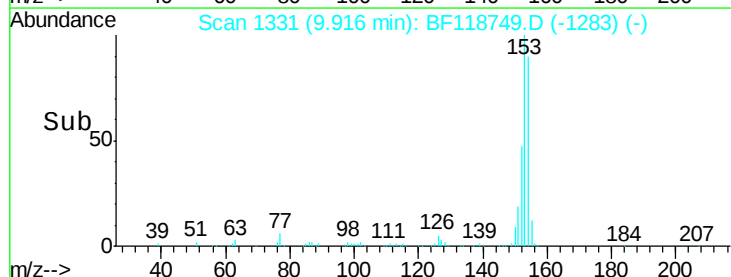
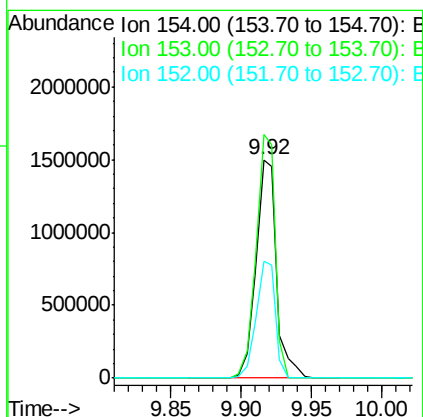
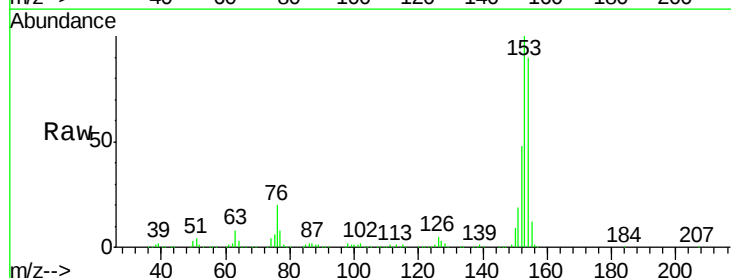
Manual Integrations
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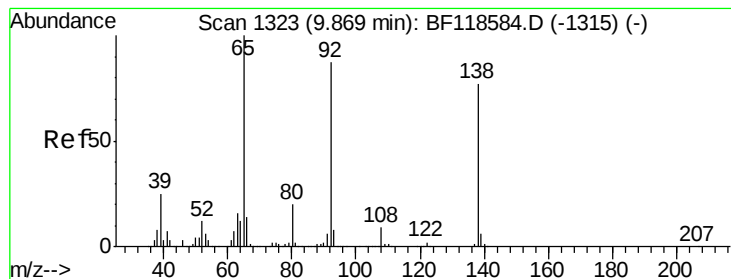
mohammad
2/3/2020 7:56:50 AM



#52
Acenaphthene
Concen: 41.164 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1548770		
153	111.5		89.1	133.7
152	53.4		43.0	64.6





#53

3-Nitroaniline

Concen: 41.596 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Instrument :

BNA_F

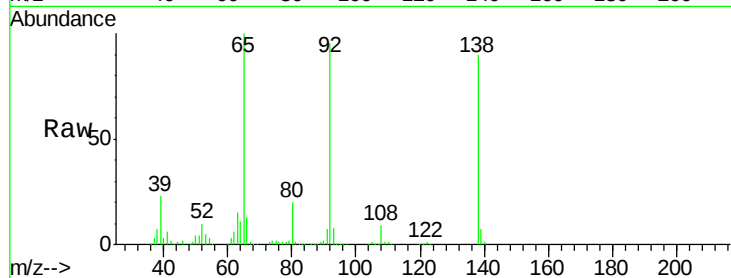
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.8	13.2
92	106.2	87.8	131.6

Manual Integrations
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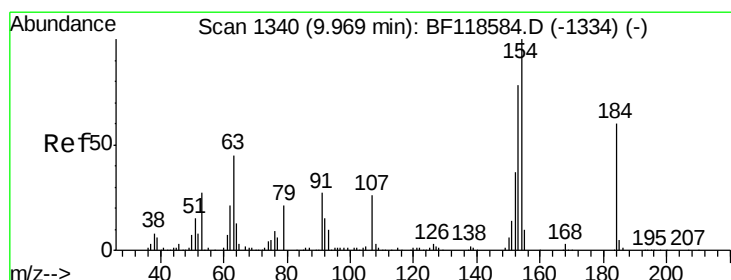
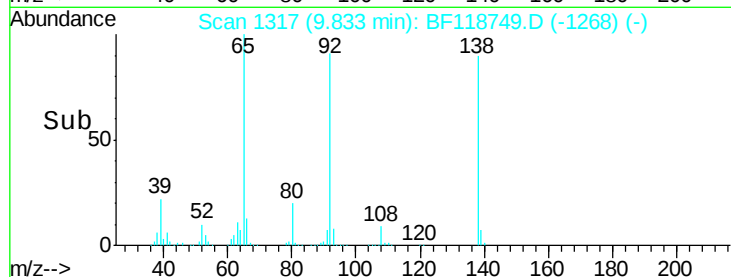
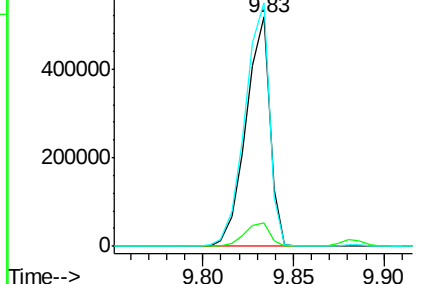
mohammad
2/3/2020 7:56:50 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 47.374 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF118749.D

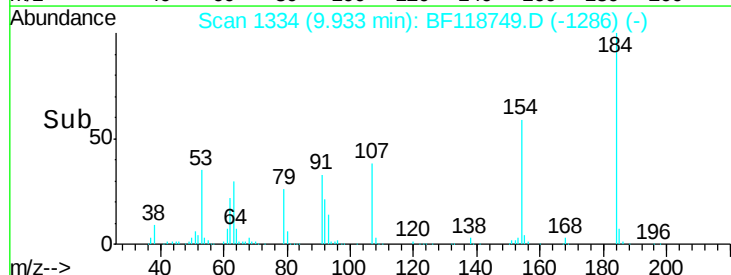
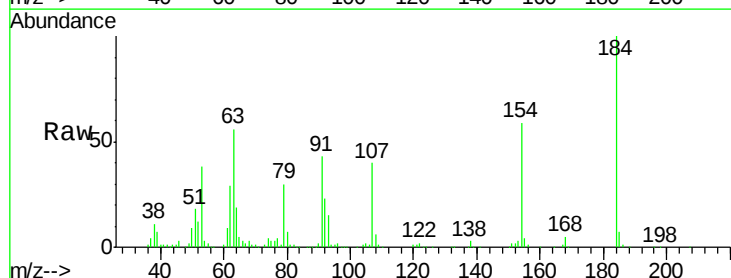
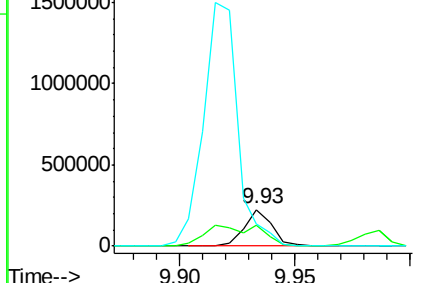
Acq: 30 Jan 2020 14:05

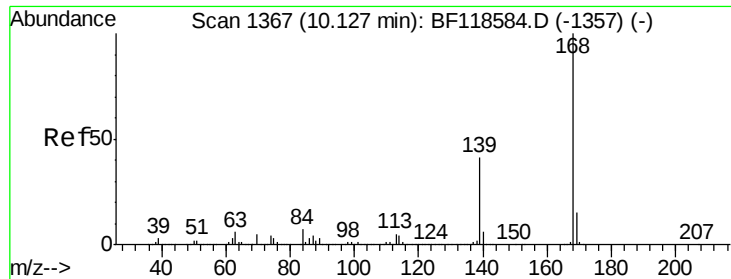
Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.5	36.0	54.0#
154	59.4	44.6	66.8

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





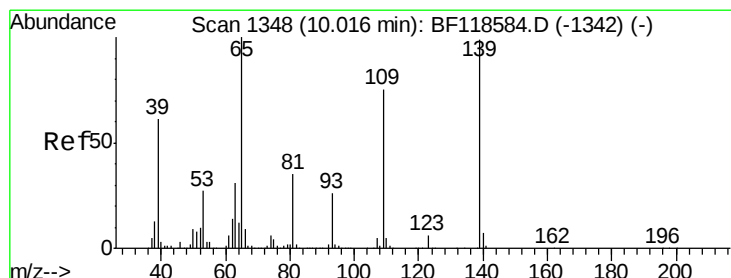
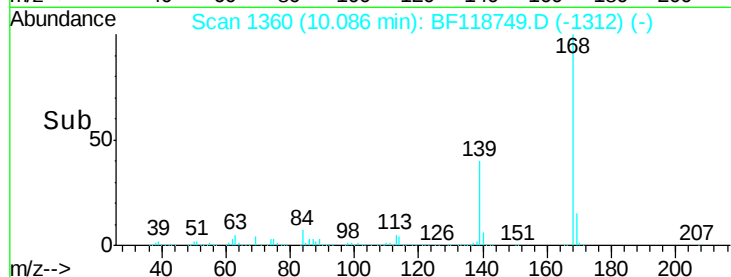
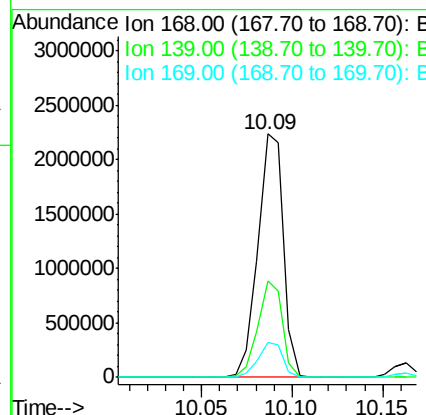
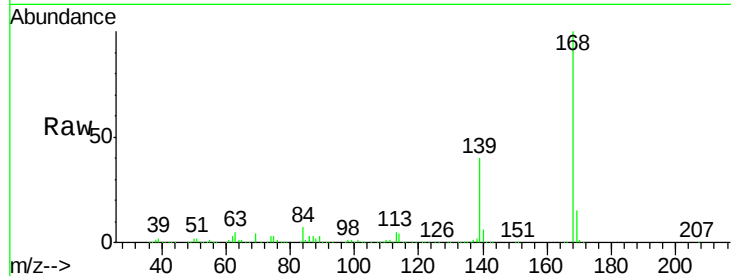
#55
Dibenzofuran
Concen: 41.902 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.6	47.4
169	14.5	11.4	17.0

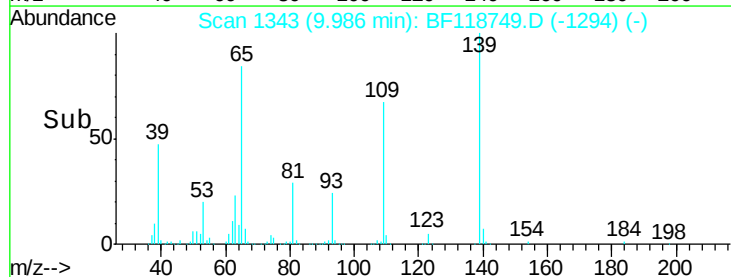
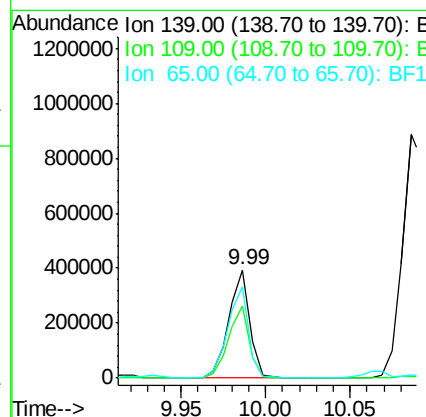
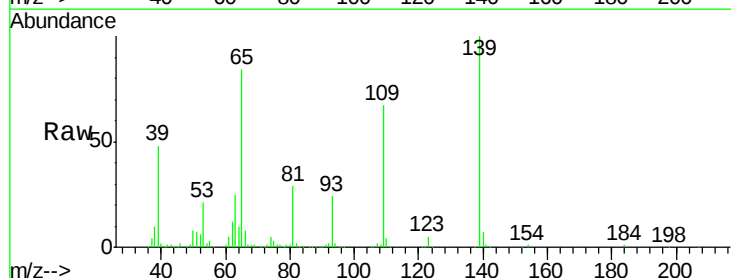
Manual Integrations
APPROVED

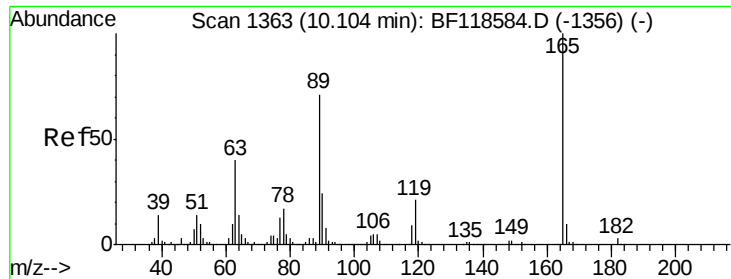
mohammad
2/3/2020 7:56:50 AM



#56
4-Nitrophenol
Concen: 39.524 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.5	47.0	87.0
65	84.5	65.7	105.7





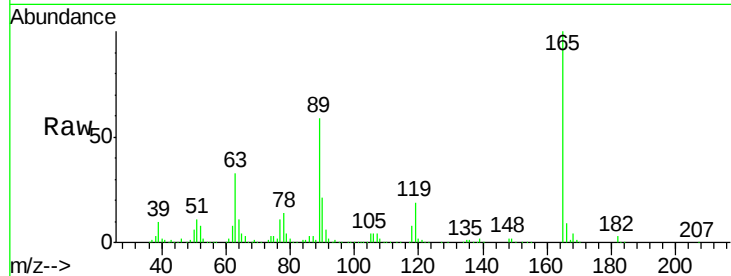
#57
2,4-Dinitrotoluene
Concen: 45.202 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

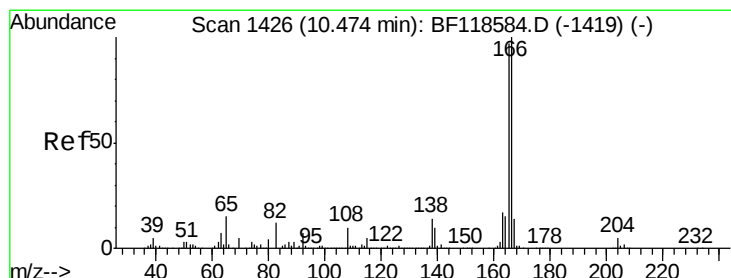
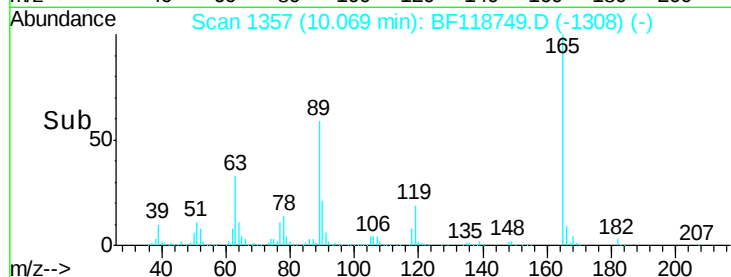
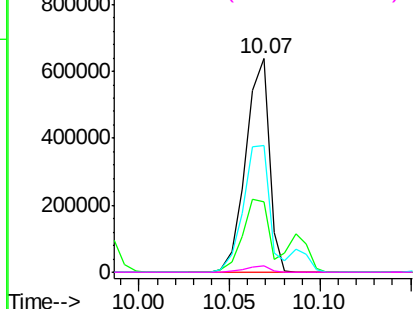
Tot Ion	Ratio	Resp	Lower	Upper
165	100	572390		
63	33.0	28.5	42.7	
89	59.1	50.4	75.6	
182	3.1	2.3	3.5	

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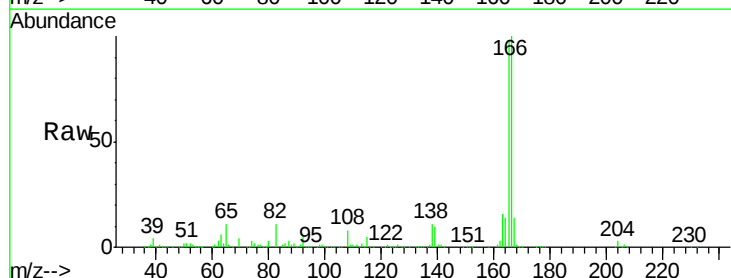


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

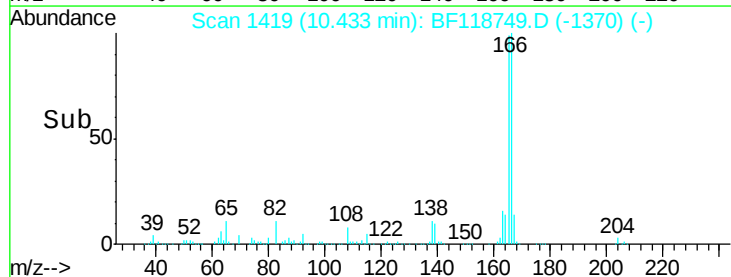
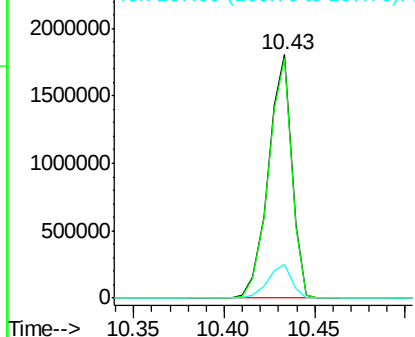


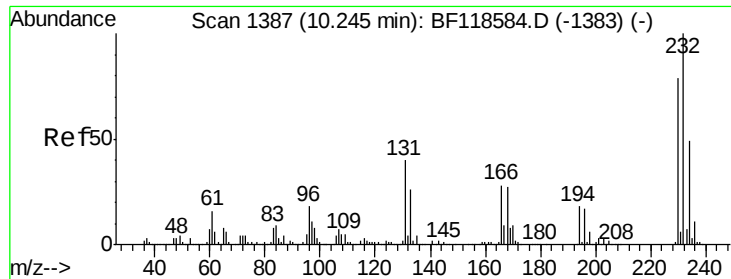
#58
Fluorene
Concen: 39.521 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1617699		
165	98.4	78.6	118.0	
167	13.8	11.4	17.2	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





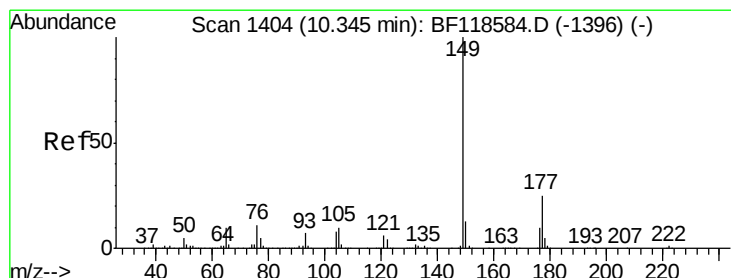
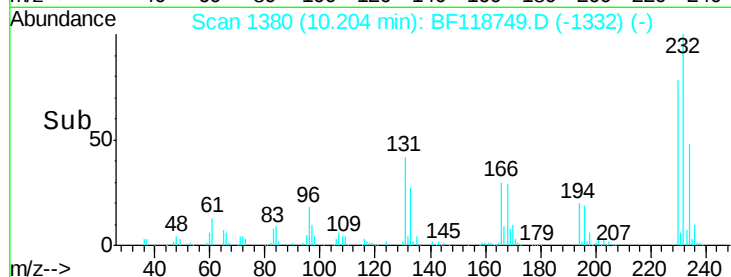
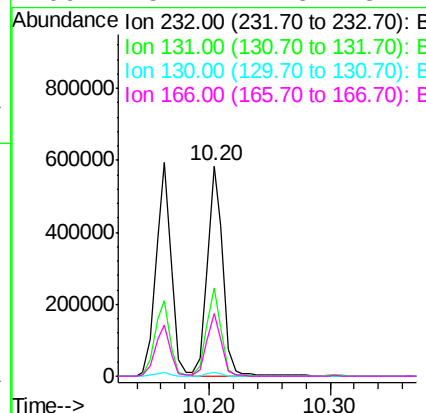
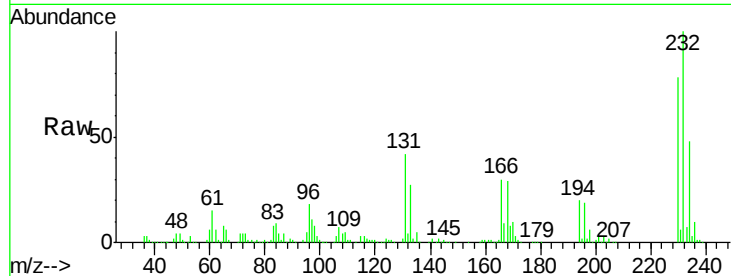
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.955 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.02 min
 Lab File: BF118749.D
 Acq: 30 Jan 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		513090		
131	39.9	31.8	47.6		
130	1.9	1.5	2.3		
166	28.4	22.8	34.2		

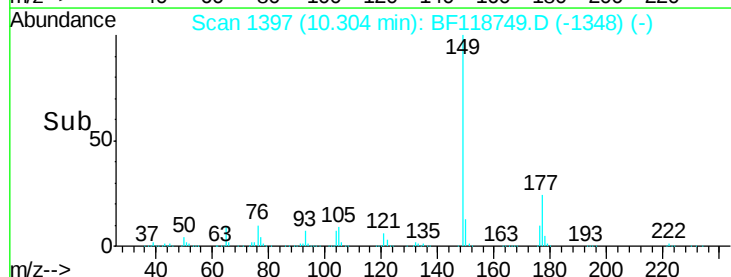
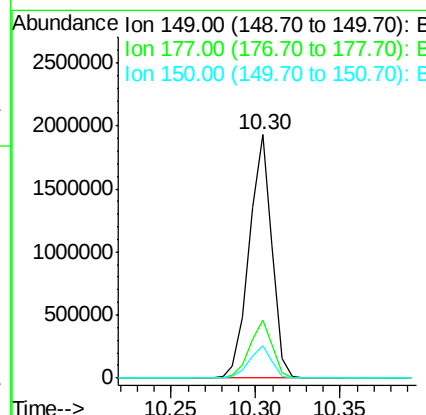
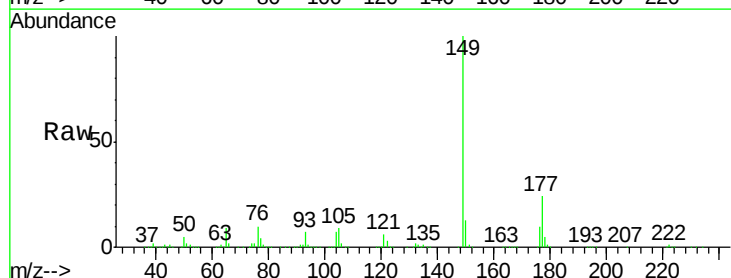
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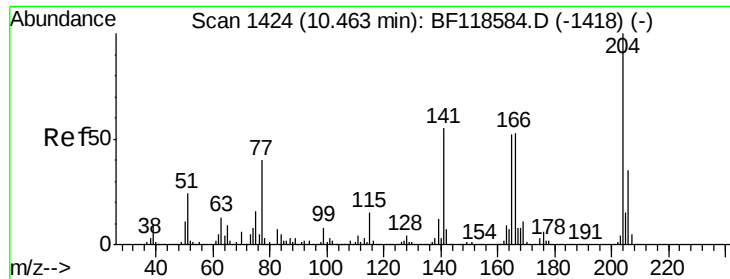
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#60
 Diethylphthalate
 Concen: 41.421 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF118749.D
 Acq: 30 Jan 2020 14:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1801483		
177	24.1	19.1	28.7		
150	13.3	10.5	15.7		





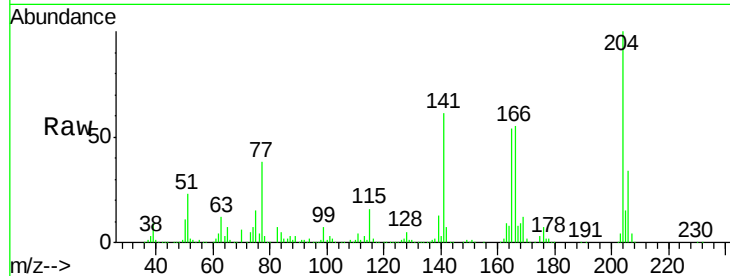
#61
4-Chlorophenyl-phenylether
Concen: 39.834 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

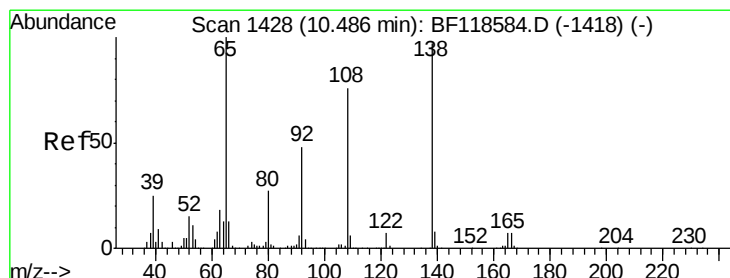
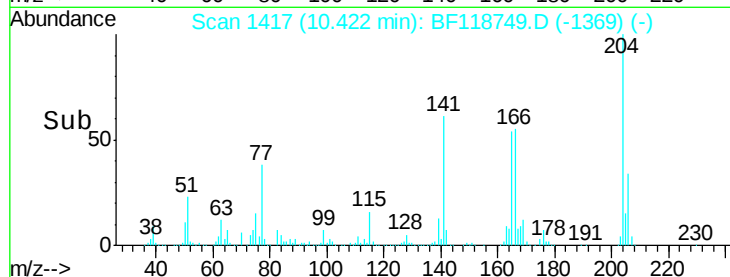
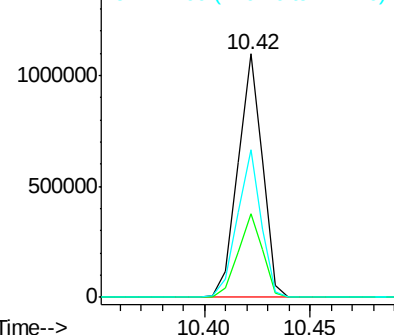
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	27.0	40.6
141	60.8	43.9	65.9

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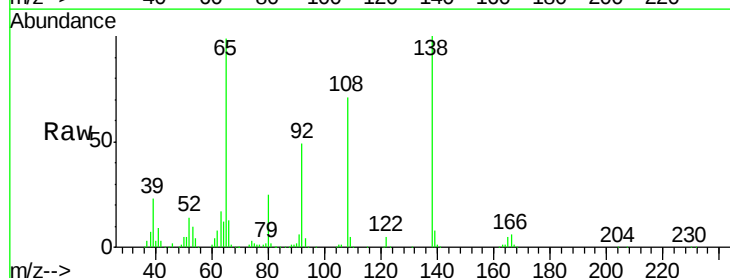


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

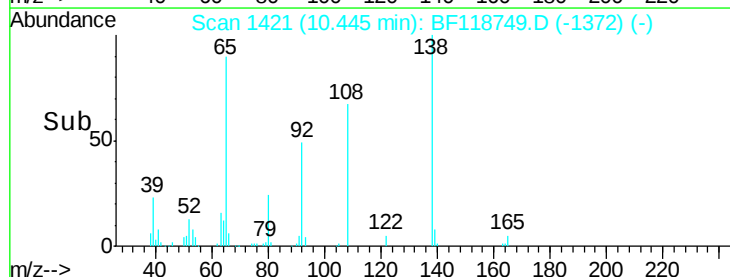
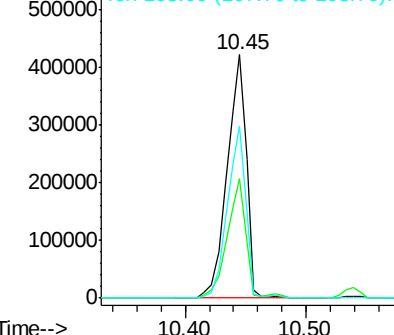


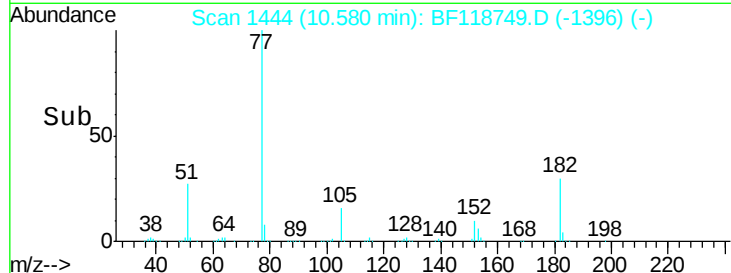
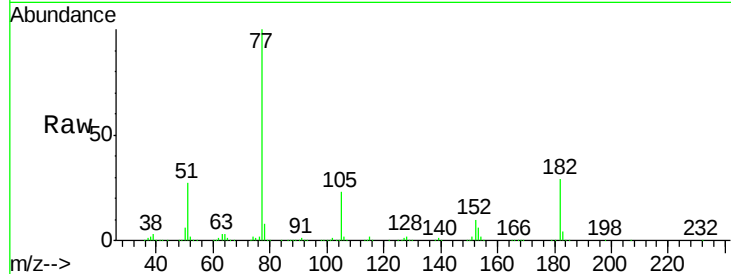
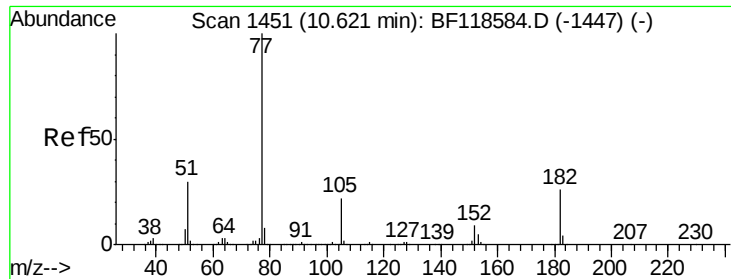
#62
4-Nitroaniline
Concen: 39.830 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	29.2	69.2
108	70.6	50.8	90.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





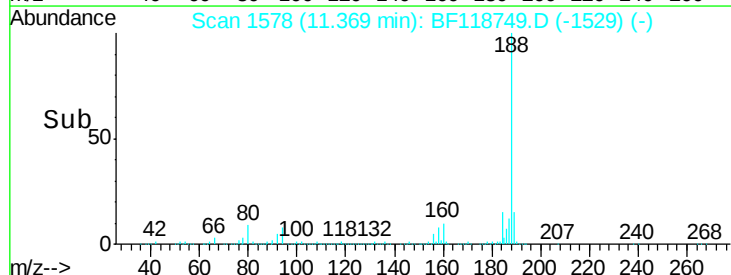
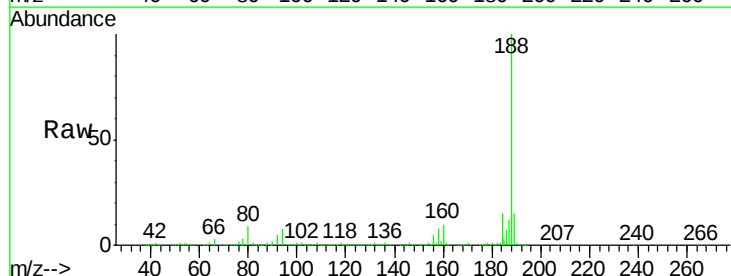
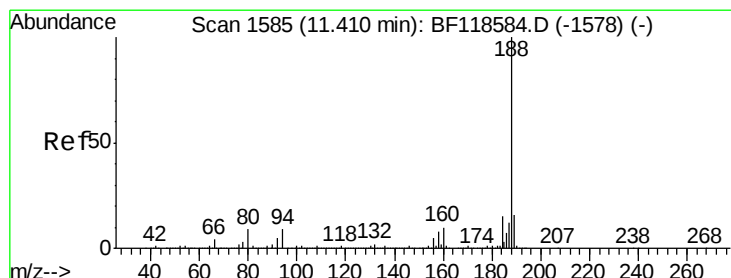
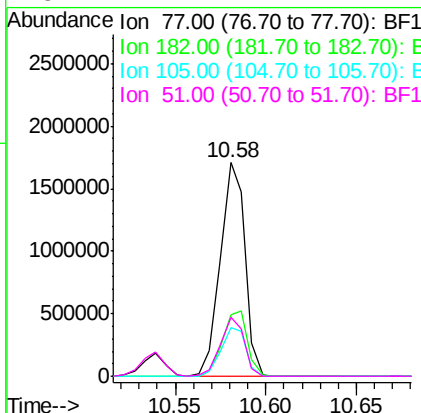
#63
Azobenzene
Concen: 38.239 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.02 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tot Ion: 77 Resp: 1610653
Ion Ratio Lower Upper
77 100
182 28.6 12.3 52.3
105 22.7 4.0 44.0
51 27.4 7.2 47.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

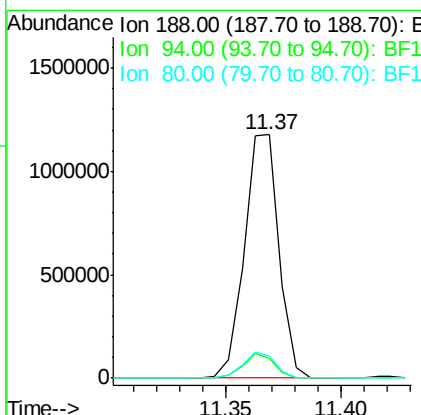
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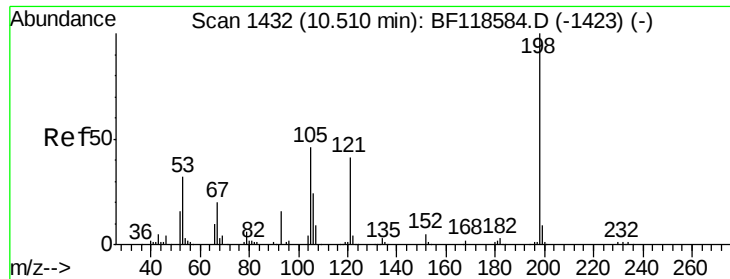
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion: 188 Resp: 1226503
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 9.0 7.8 11.8





#65

4,6-Dinitro-2-methylphenol

Concen: 51.518 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Instrument :

BNA_F

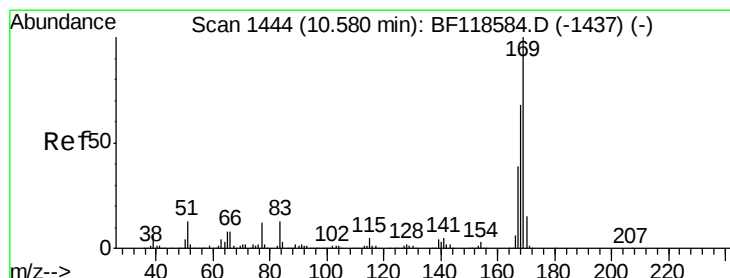
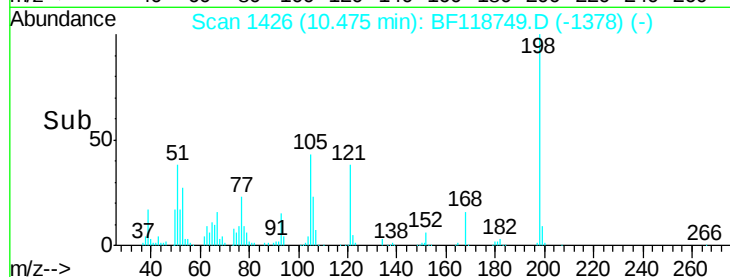
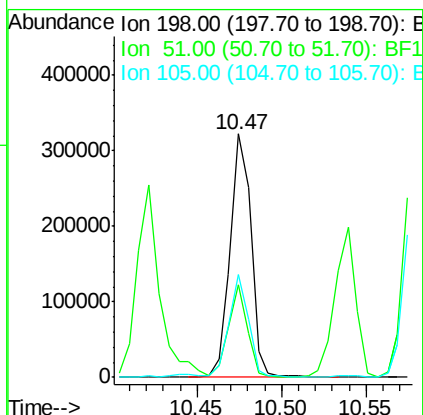
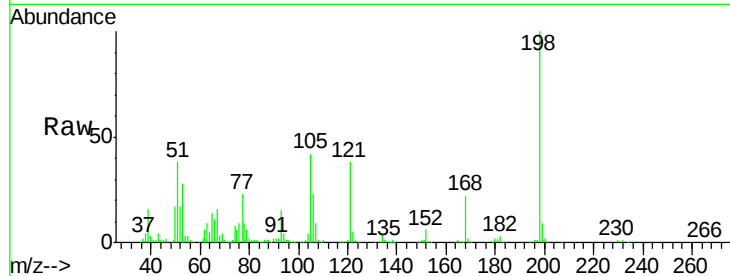
ClientSampleId :

SSTDCCC040

Tot Ion:	198	Resp:	277850
Ion Ratio	Lower	Upper	
198	100		
51	37.9	9.6	49.6
105	42.2	15.5	55.5

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#66

n-Nitrosodiphenylamine

Concen: 40.982 ng

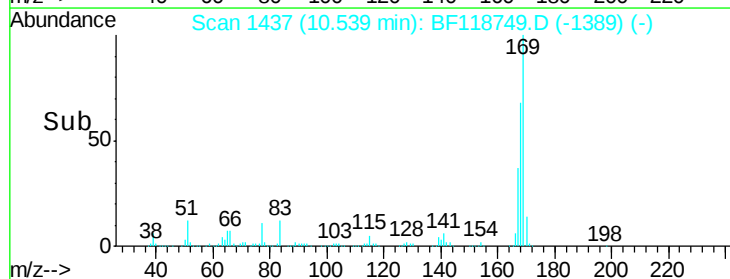
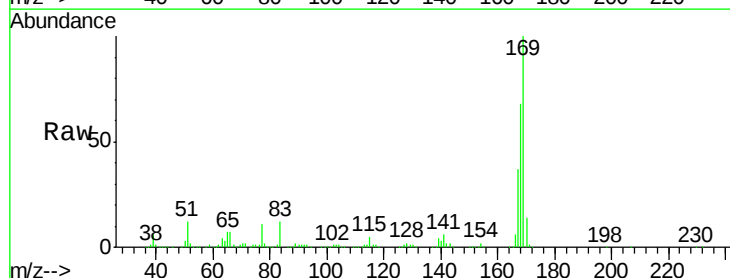
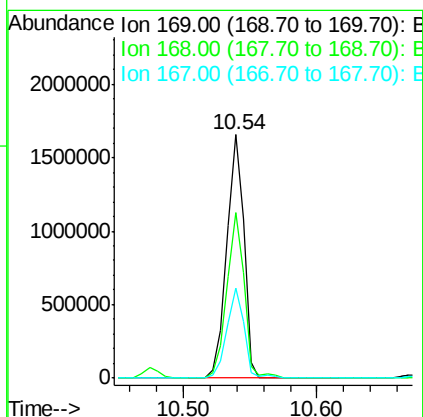
RT: 10.54 min Scan# 1437

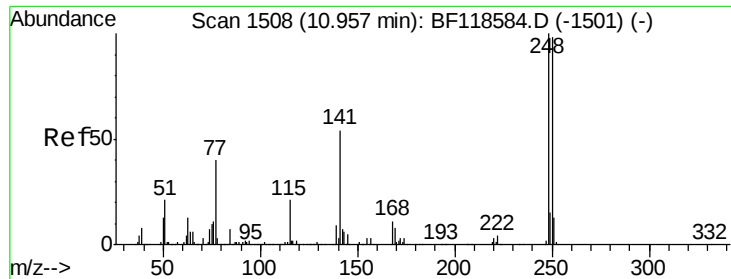
Delta R.T. -0.02 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Tgt Ion:	169	Resp:	1515864
Ion Ratio	Lower	Upper	
169	100		
168	68.0	53.4	80.0
167	36.9	29.2	43.8





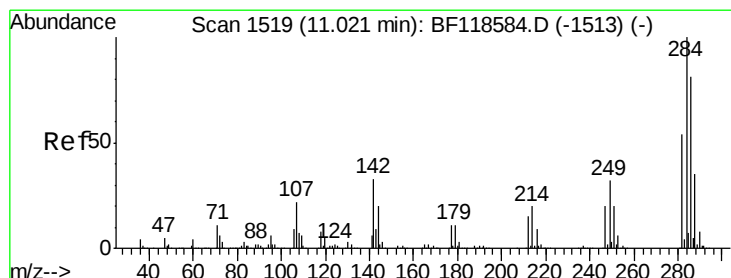
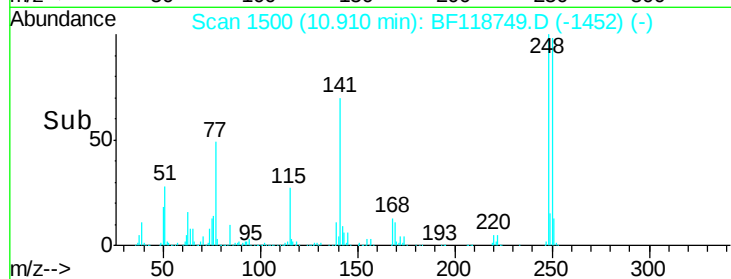
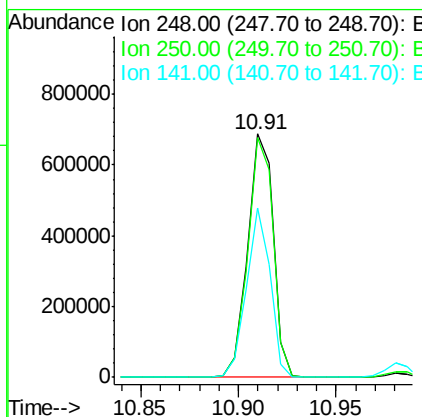
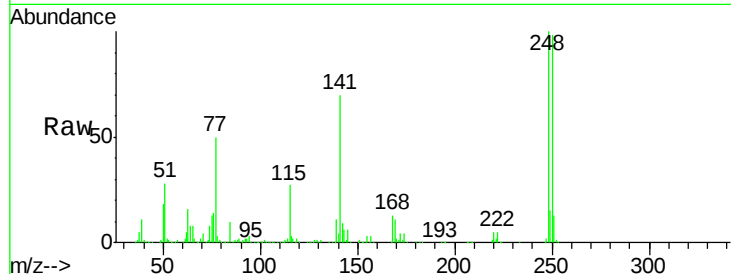
#67
 4-Bromophenyl-phenylether
 Concen: 41.211 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.02 min
 Lab File: BF118749.D
 Acq: 30 Jan 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	248	Resp:	624465
Ion Ratio	Lower	Upper	
248	100		
250	98.3	78.7	118.1
141	69.8	48.4	72.6

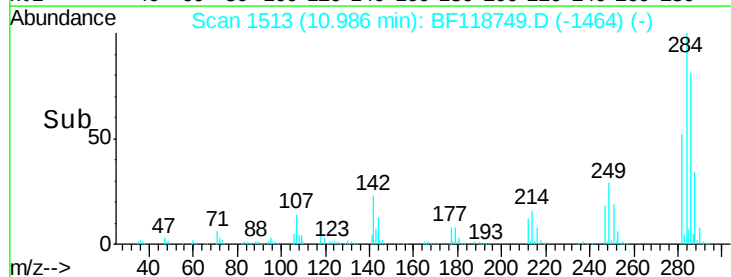
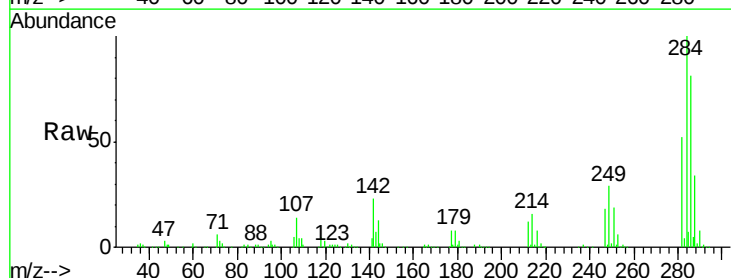
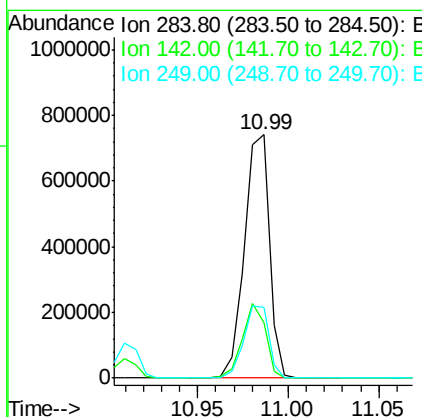
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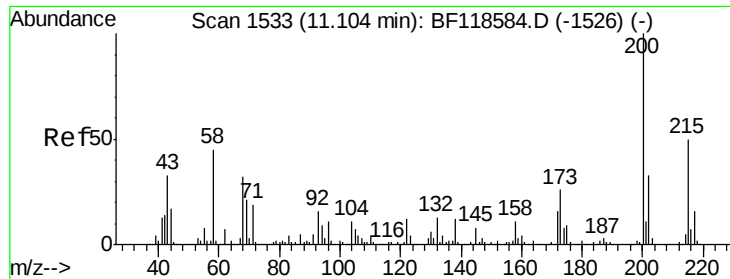
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#68
 Hexachlorobenzene
 Concen: 41.300 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF118749.D
 Acq: 30 Jan 2020 14:05

Tgt Ion:	284	Resp:	709518
Ion Ratio	Lower	Upper	
284	100		
142	23.0	23.1	34.7#
249	28.9	24.0	36.0





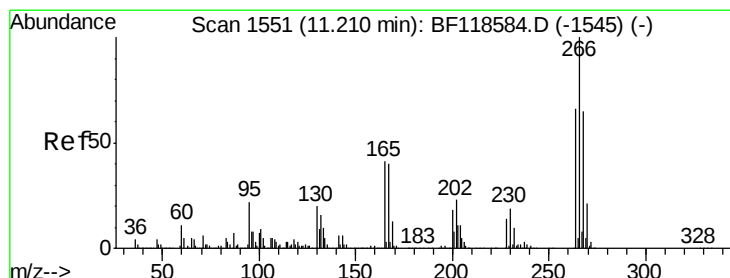
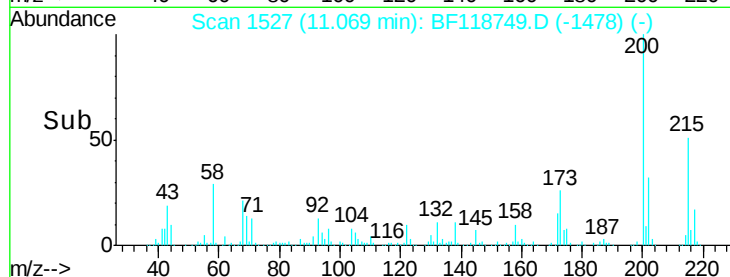
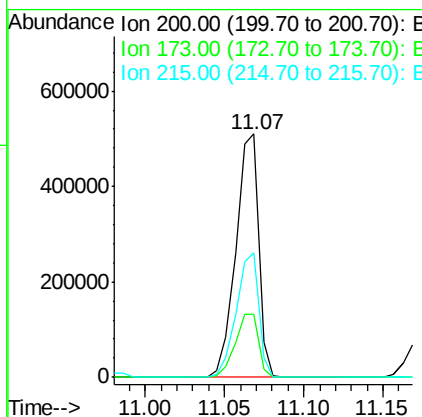
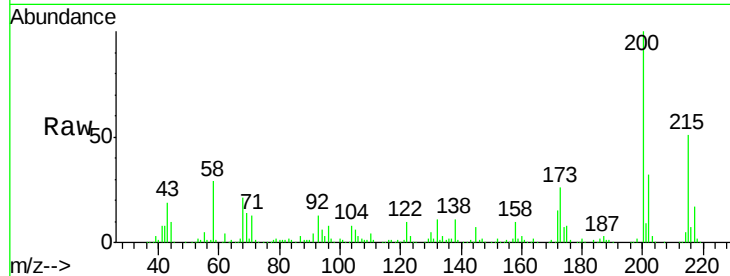
#69
Atrazine
Concen: 39.467 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	6.8	46.8
215	51.1	30.4	70.4

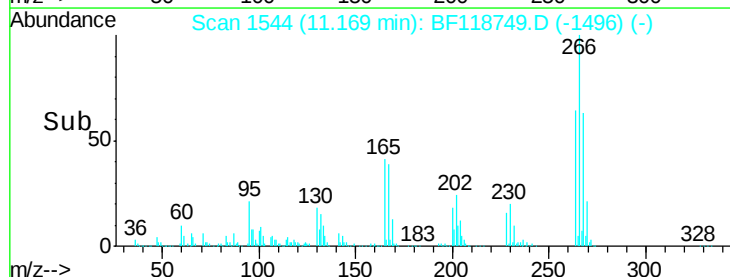
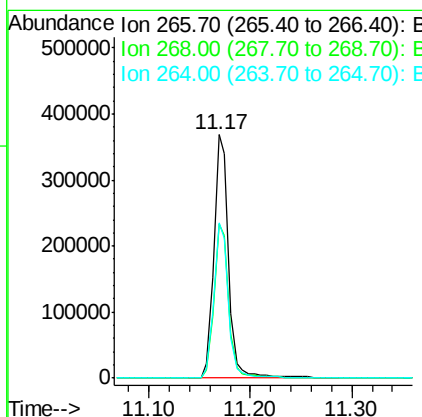
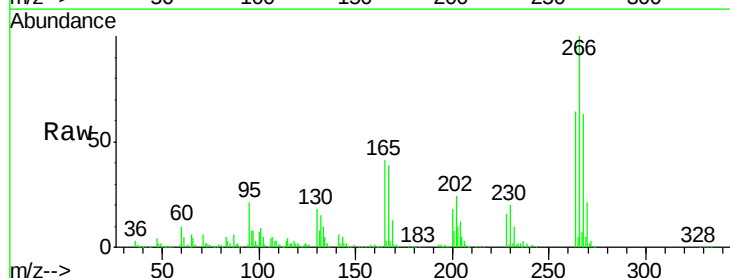
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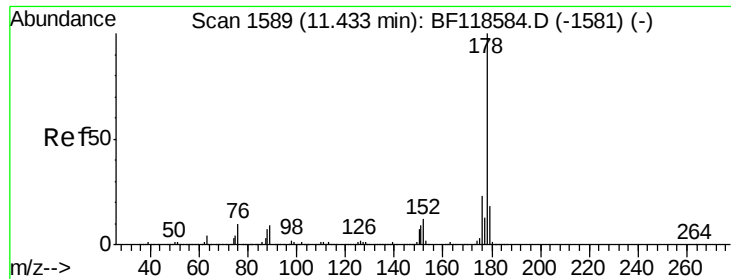
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#70
Pentachlorophenol
Concen: 39.214 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.6	77.4
264	63.8	50.9	76.3





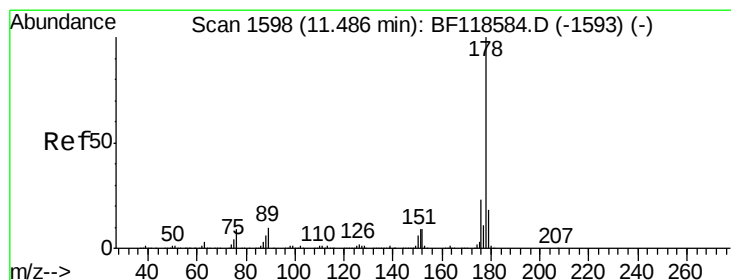
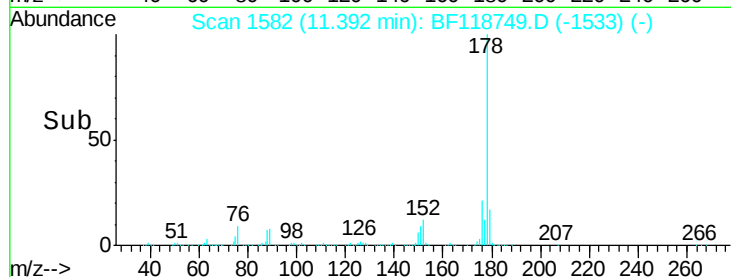
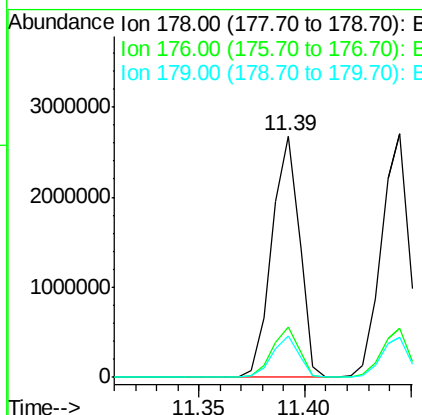
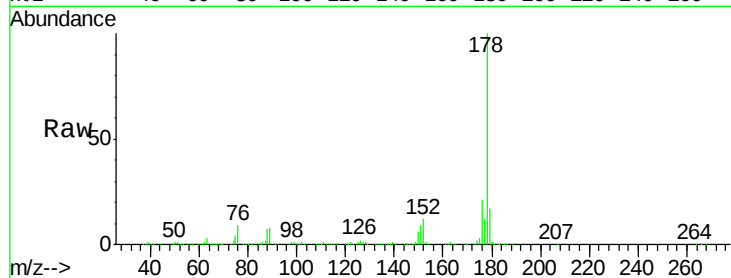
#71
Phenanthrene
Concen: 41.261 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 2441505
Ion Ratio Lower Upper
178 100
176 21.0 16.5 24.7
179 17.0 13.3 19.9

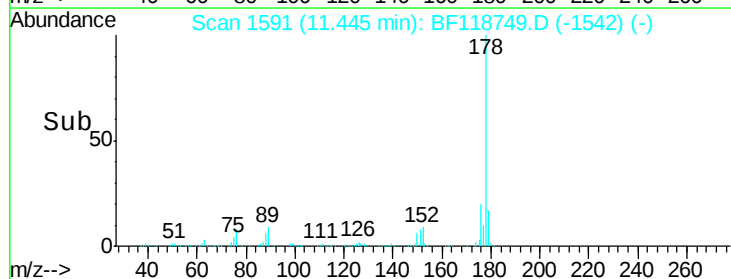
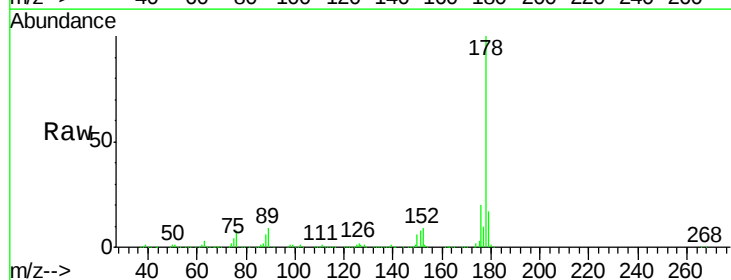
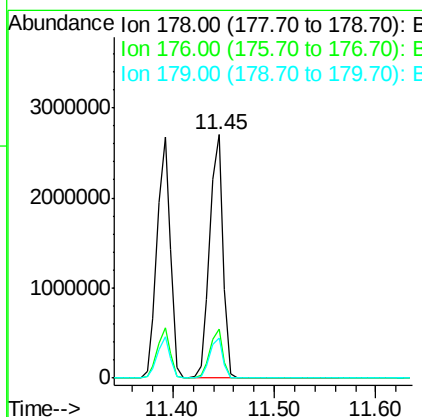
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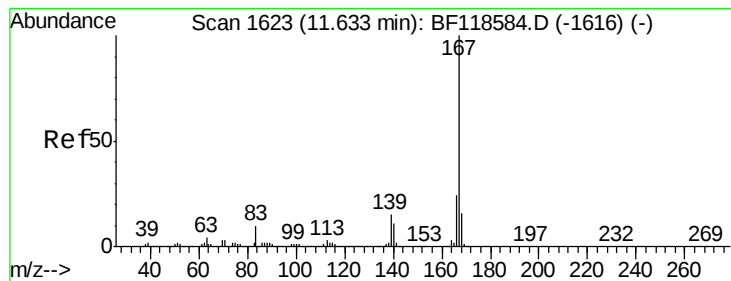
mohammad
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#72
Anthracene
Concen: 42.141 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion:178 Resp: 2467321
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 16.5 13.3 19.9





#73

Carbazole

Concen: 40.649 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.02 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 2183049

Ion Ratio Lower Upper

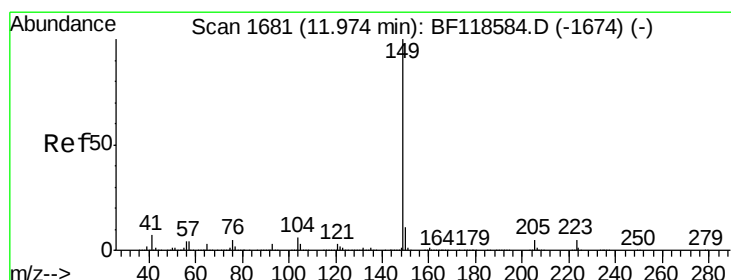
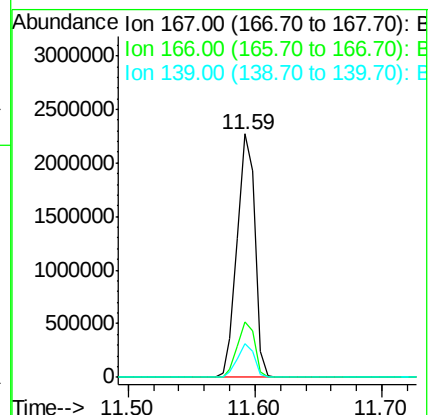
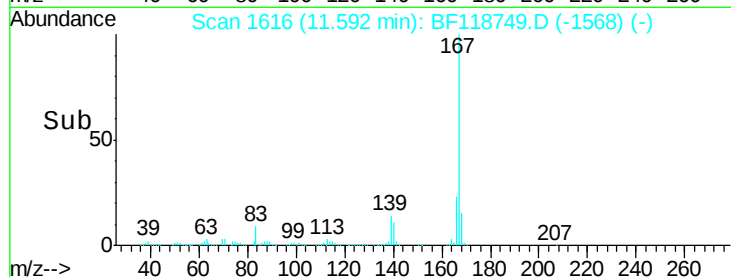
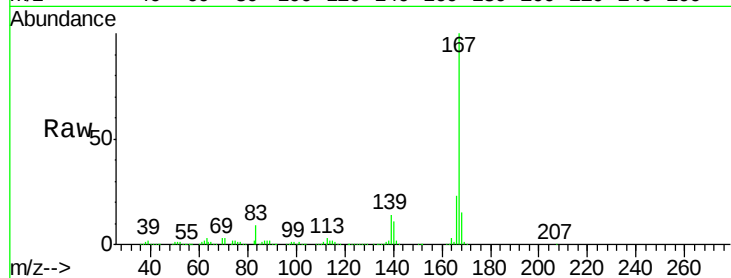
167 100

166 22.9 18.3 27.5

139 13.9 11.0 16.4

Manual Integrations
APPROVED

mohammad
2/3/2020 7:56:50 AM



#74

Di-n-butylphthalate

Concen: 43.947 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

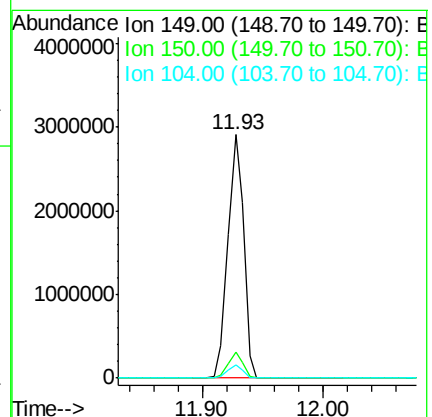
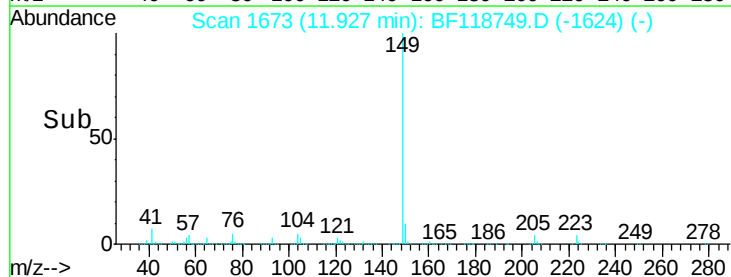
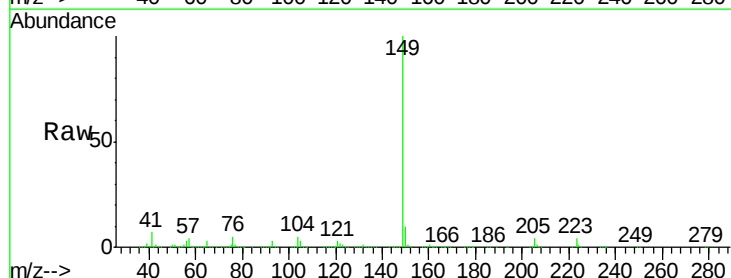
Tgt Ion:149 Resp: 2622189

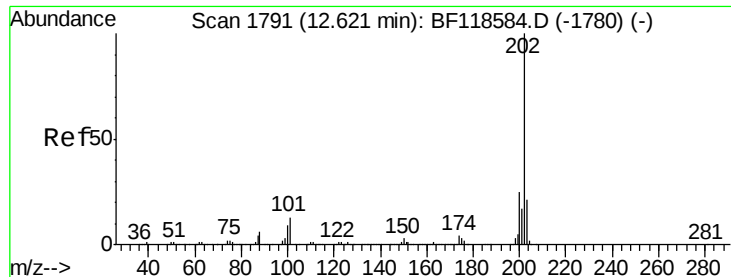
Ion Ratio Lower Upper

149 100

150 10.5 8.2 12.2

104 5.5 4.2 6.4





#75

Fluoranthene

Concen: 40.779 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Instrument :

BNA_F

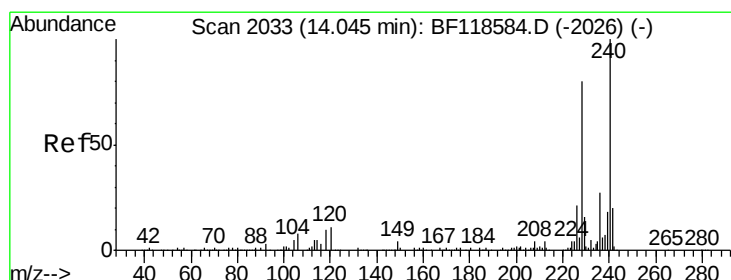
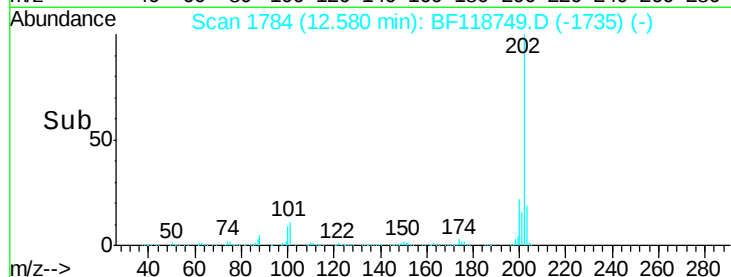
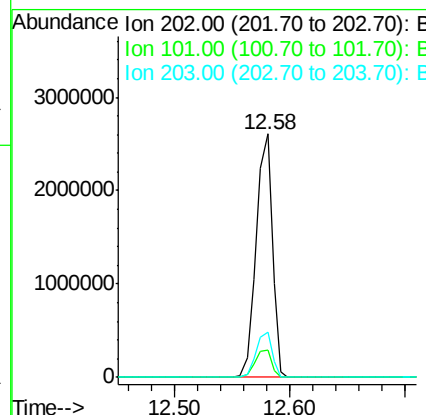
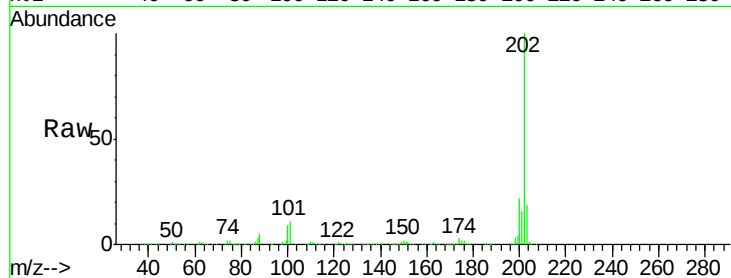
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	2544960
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.1
203	18.6	0.0	38.9

Manual Integrations
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mohammad
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#76

Chrysene-d12

Concen: 20.000 ng

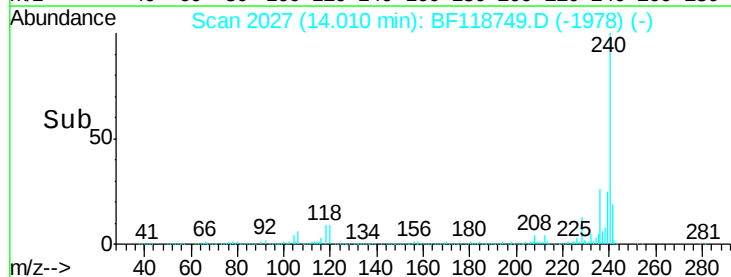
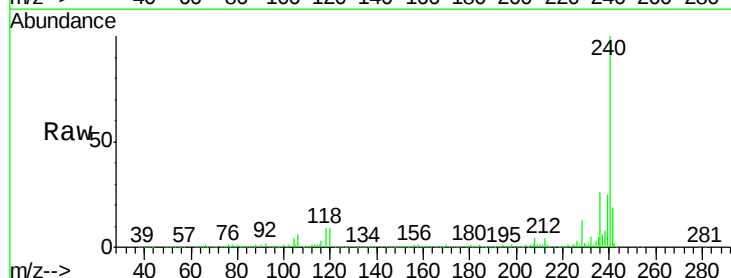
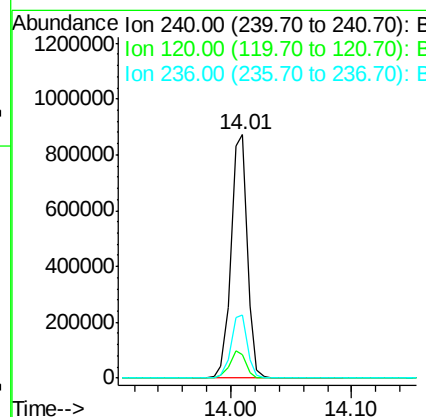
RT: 14.01 min Scan# 2027

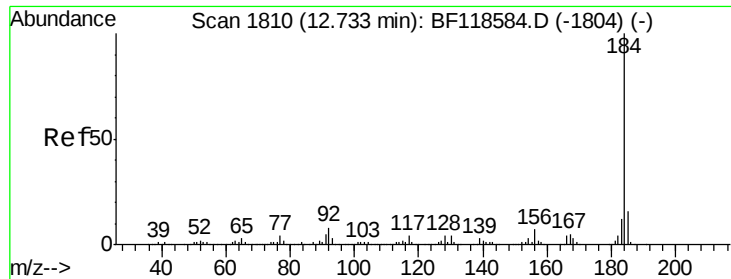
Delta R.T. -0.01 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Tgt Ion:	240	Resp:	814692
Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.6	11.4
236	26.1	21.0	31.4





#77

Benzidine

Concen: 46.811 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1018985

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.8
183	12.2	9.7	14.5

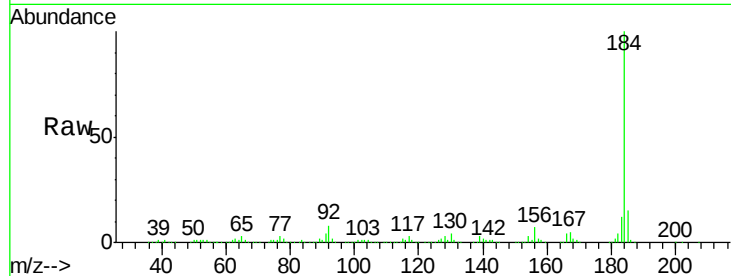
184 100

185 14.6 11.8 17.8

183 12.2 9.7 14.5

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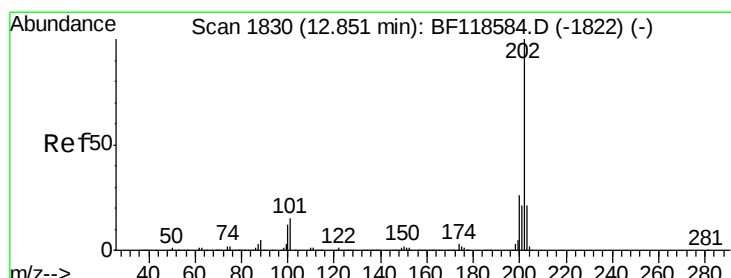
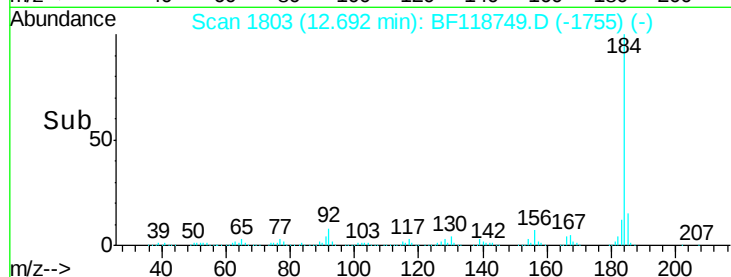
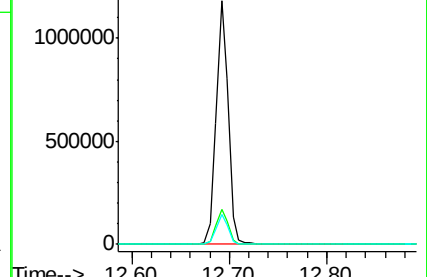
mohammad
2/3/2020 7:56:50 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.321 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

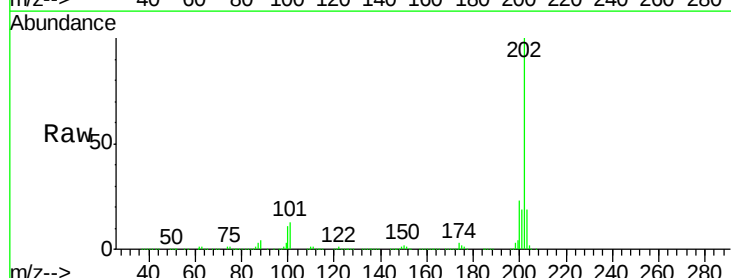
Tgt Ion:202 Resp: 2506700

Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.1	27.1
203	18.9	15.2	22.8

202 100

200 23.0 18.1 27.1

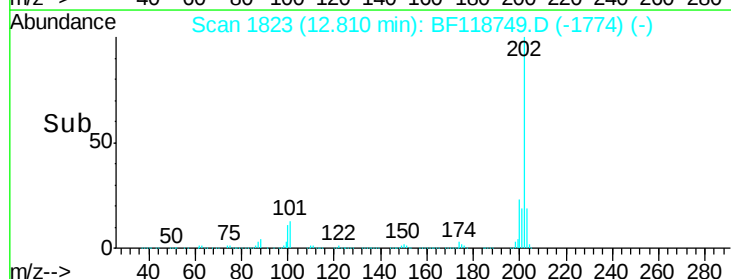
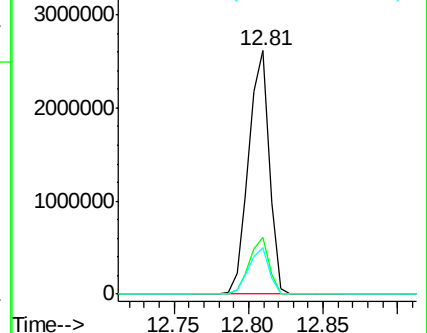
203 18.9 15.2 22.8

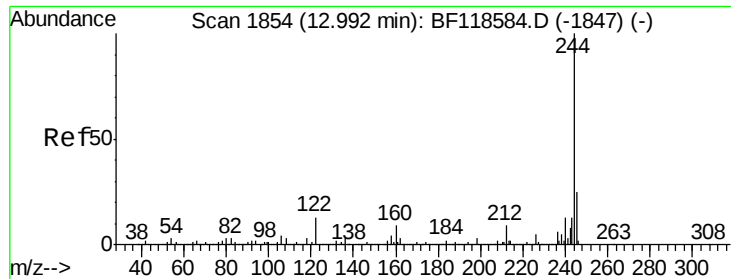


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





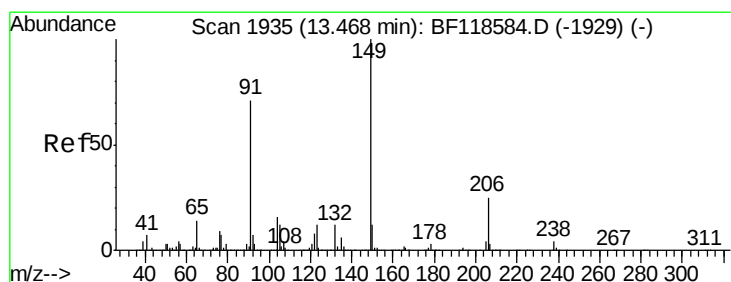
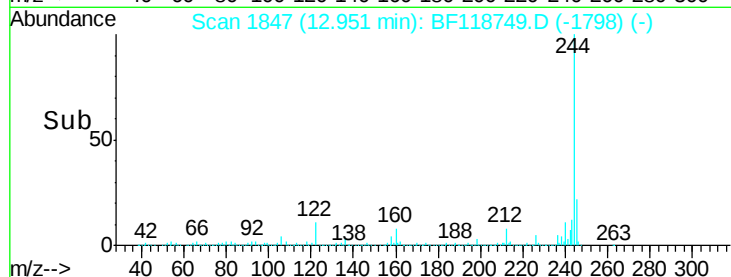
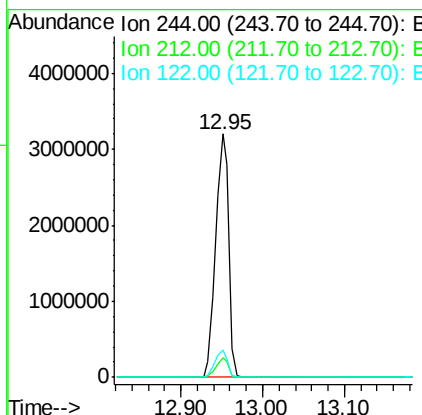
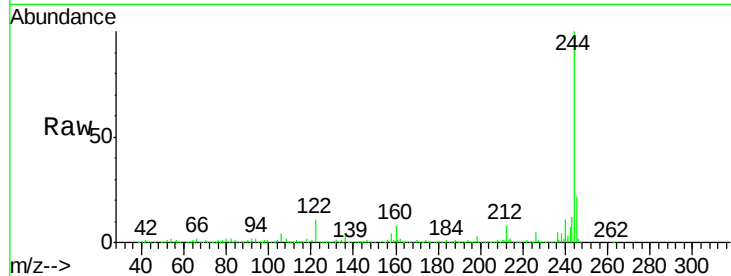
#79
 Terphenyl-d14
 Concen: 95.213 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF118749.D
 Acq: 30 Jan 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 3556443
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 11.2 9.2 13.8

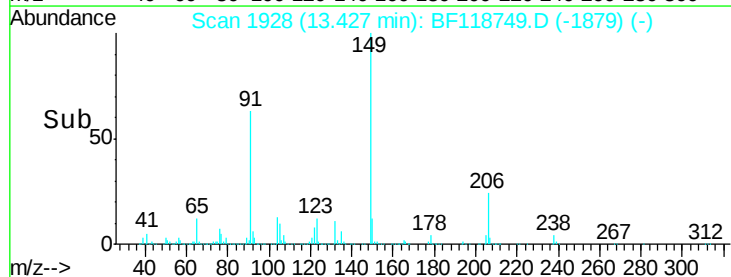
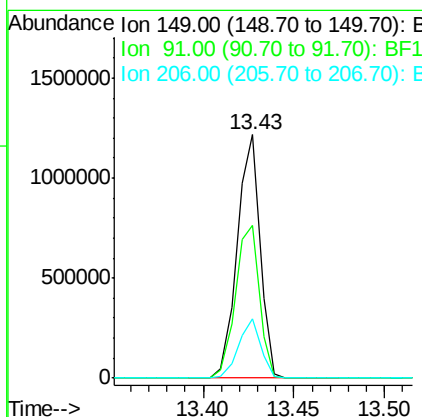
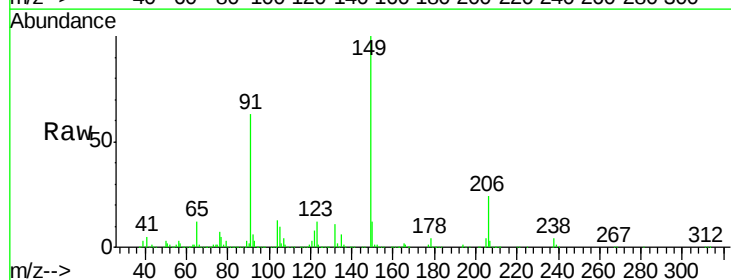
Manual Integrations
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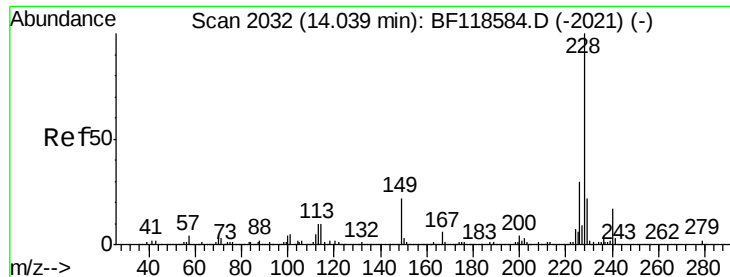
mohammad
 2/3/2020 7:56:50 AM



#80
 Butylbenzylphthalate
 Concen: 47.011 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BF118749.D
 Acq: 30 Jan 2020 14:05

Tgt Ion:149 Resp: 1064151
 Ion Ratio Lower Upper
 149 100
 91 62.8 49.6 74.4
 206 24.4 19.9 29.9





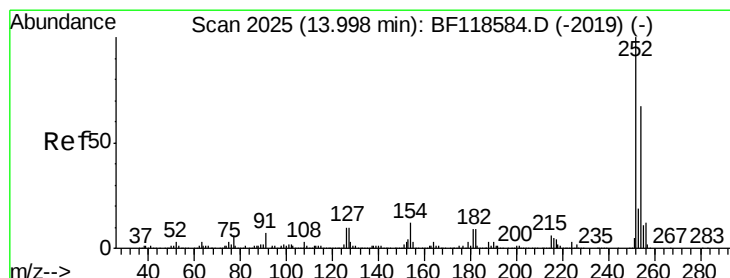
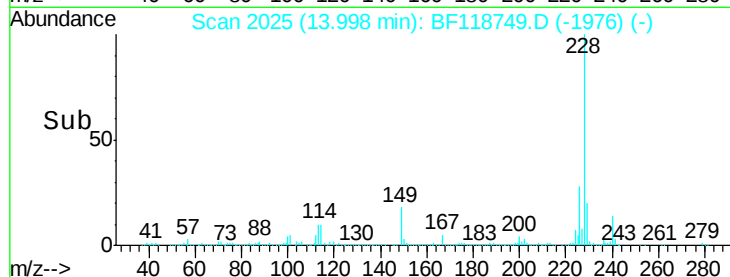
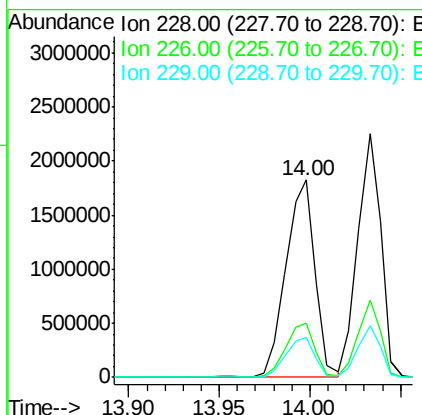
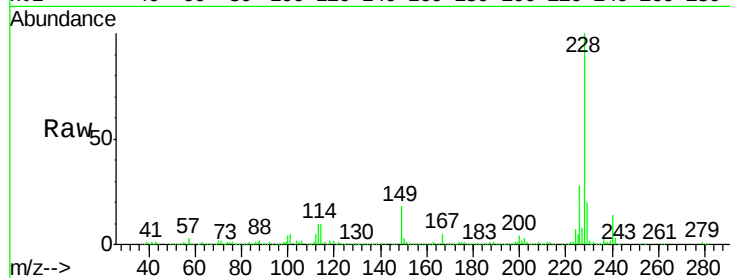
#81
Benzo(a)anthracene
Concen: 41.745 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	34.0
229	20.3	16.6	25.0

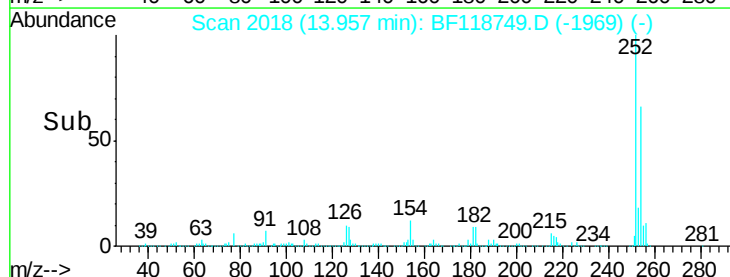
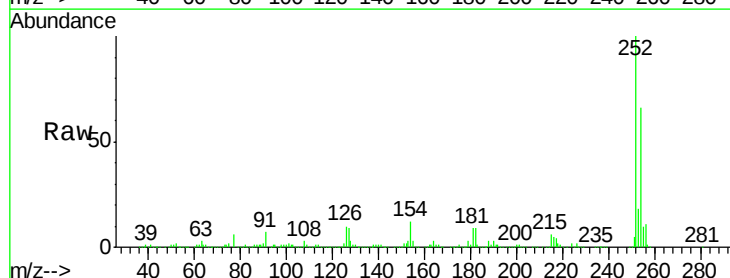
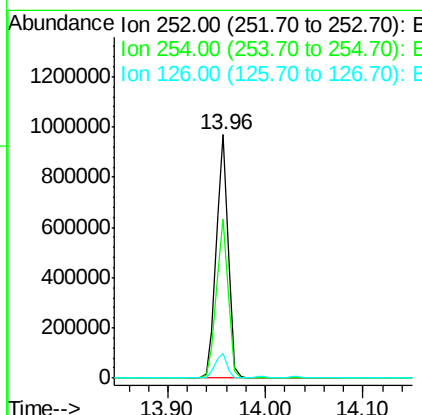
Manual Integrations
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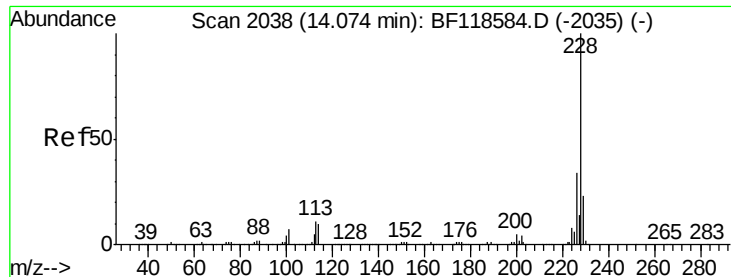
mohammad
2/3/2020 7:56:50 AM



#82
3,3'-Dichlorobenzidine
Concen: 46.900 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.6	78.8
126	10.2	8.1	12.1





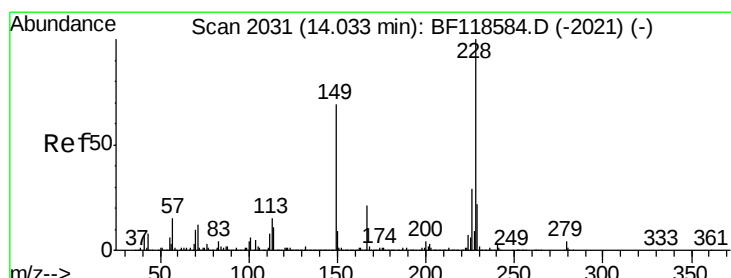
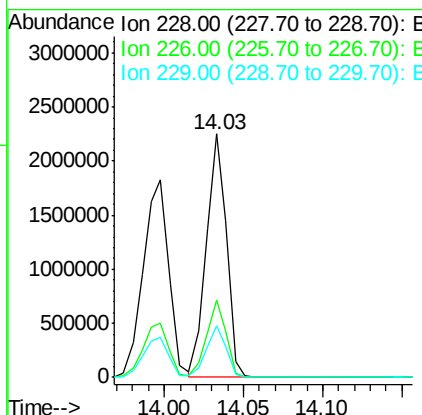
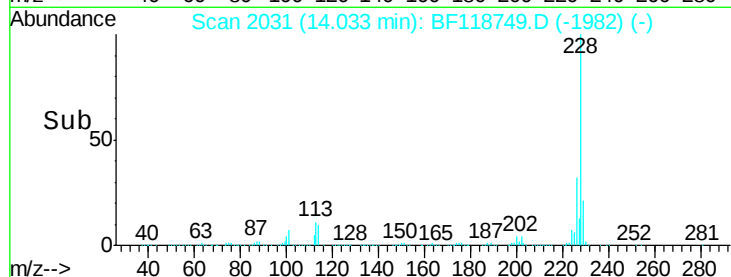
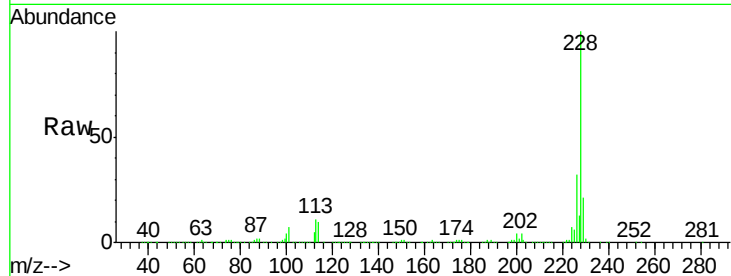
#83
Chrysene
Concen: 42.714 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 2006267
Ion Ratio Lower Upper
228 100
226 31.7 25.6 38.4
229 21.5 17.1 25.7

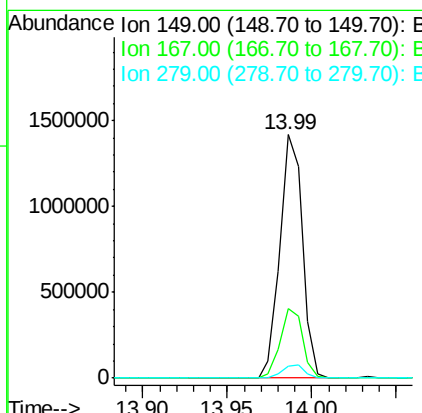
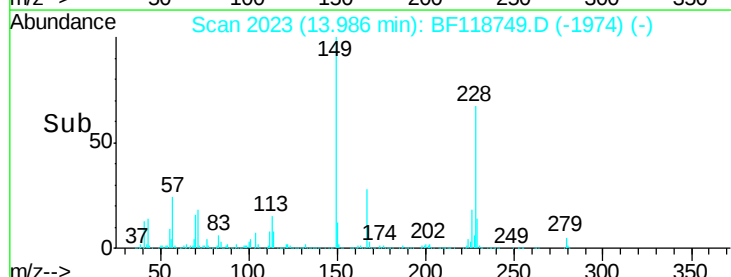
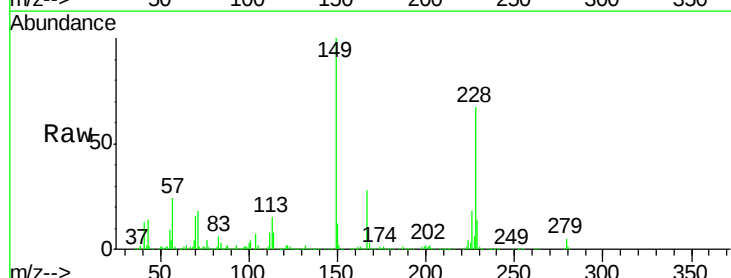
Manual Integrations
APPROVED

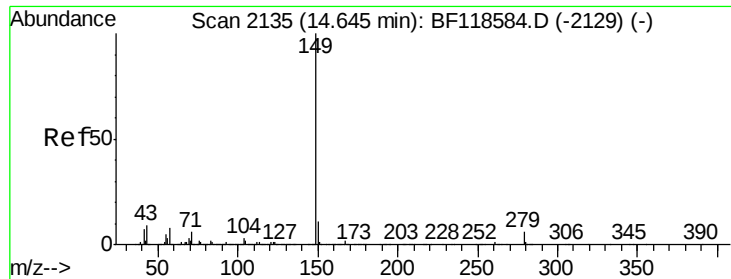
mohammad
2/3/2020 7:56:50 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.852 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion:149 Resp: 1323368
Ion Ratio Lower Upper
149 100
167 28.3 23.6 35.4
279 4.9 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 51.817 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2121144

Ion Ratio Lower Upper

149 100

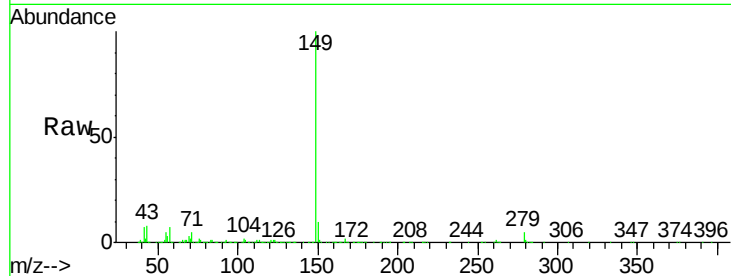
167 1.7 1.4 2.0

43 8.1 6.6 10.0

Manual Integrations
APPROVED

mohammad

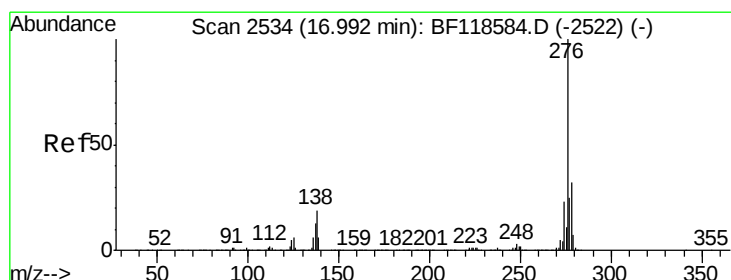
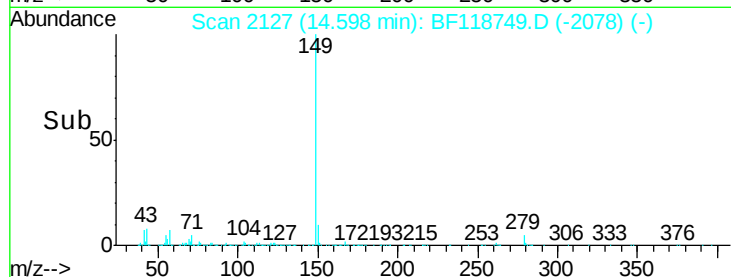
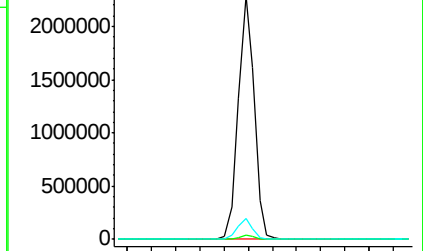
2/3/2020 7:56:50 AM



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: 48.160 ng m

RT: 16.92 min Scan# 2522

Delta R.T. -0.03 min

Lab File: BF118749.D

Acq: 30 Jan 2020 14:05

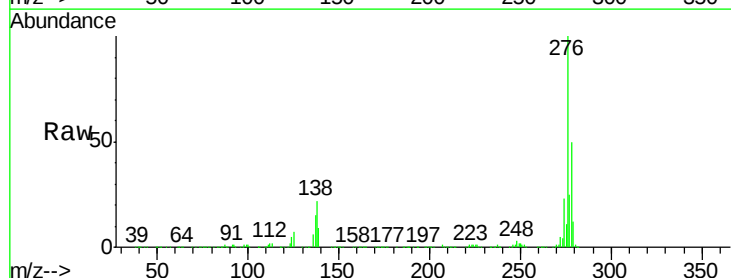
Tgt Ion:276 Resp: 1965499

Ion Ratio Lower Upper

276 100

138 23.2 18.2 27.4

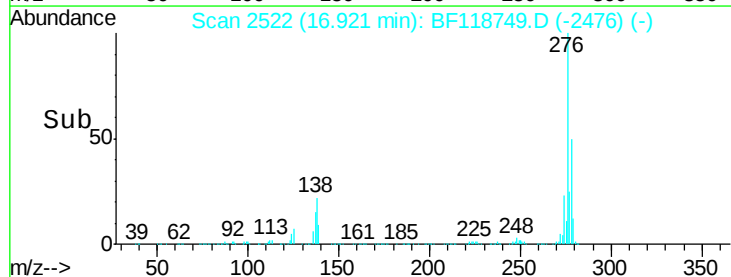
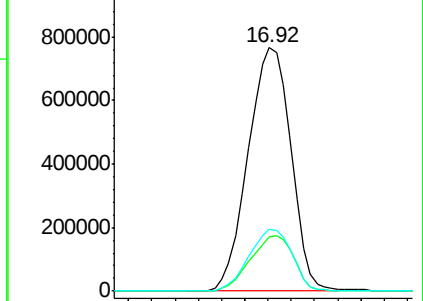
277 25.7 20.4 30.6

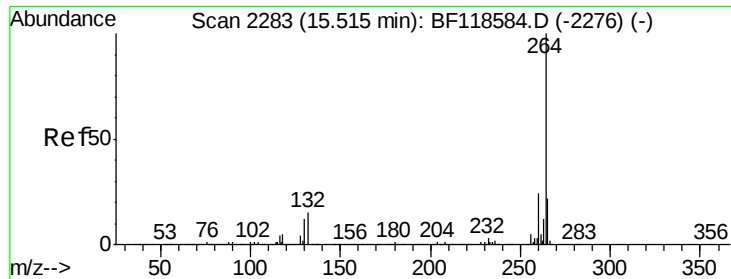


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





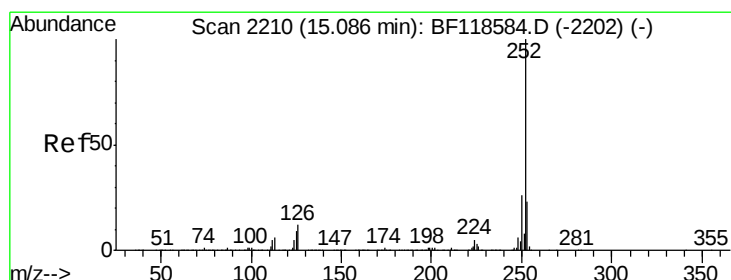
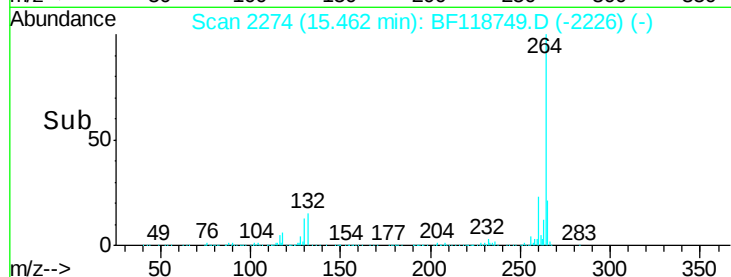
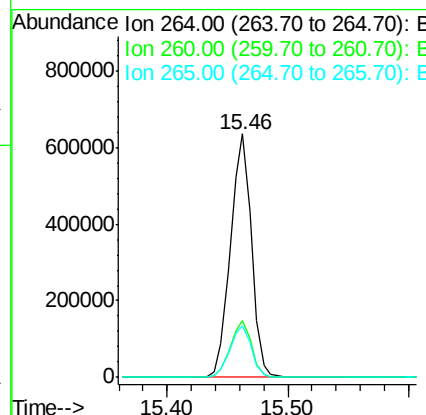
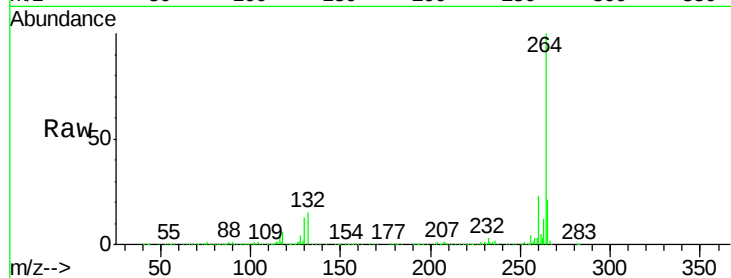
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.0	17.0	25.6

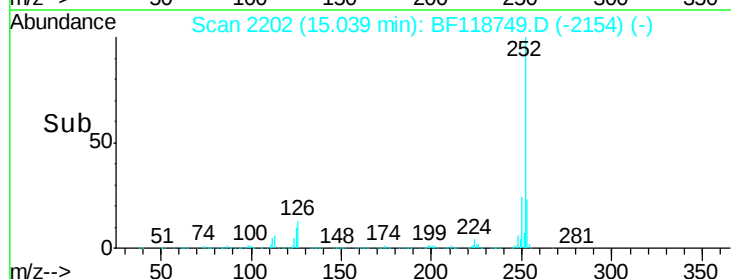
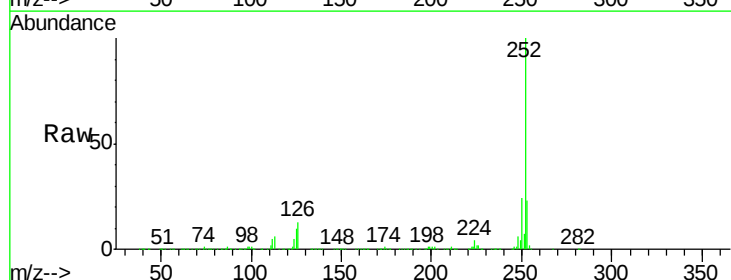
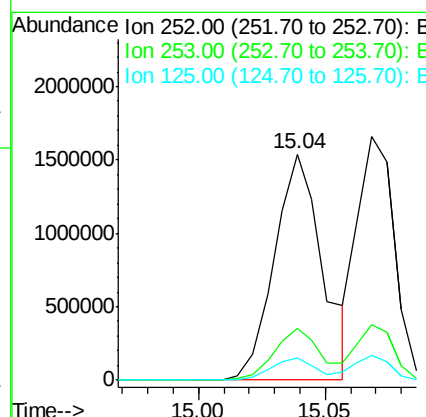
Manual Integrations
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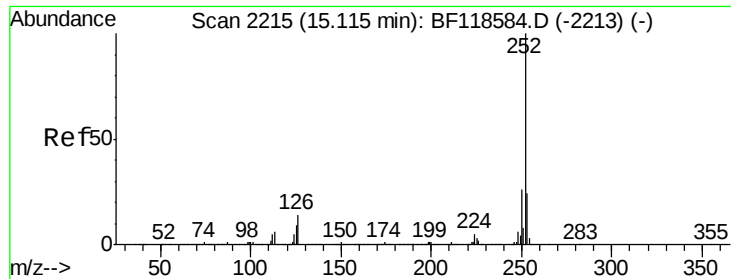
mohammad
2/3/2020 7:56:50 AM



#88
Benzo(b)fluoranthene
Concen: 42.258 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	9.8	7.7	11.5





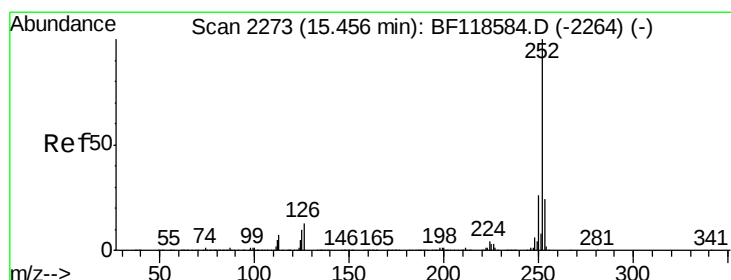
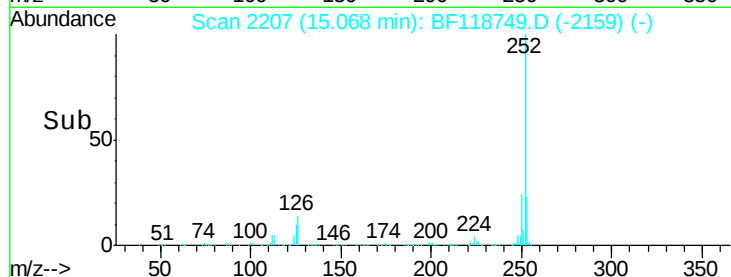
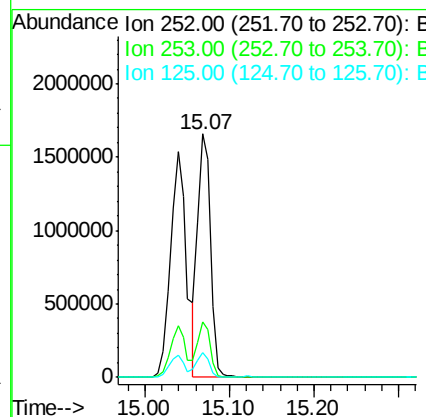
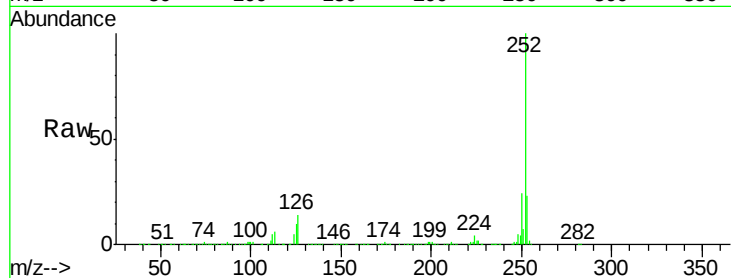
#89
Benzo(k)fluoranthene
Concen: 38.132 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	10.0	8.1	12.1

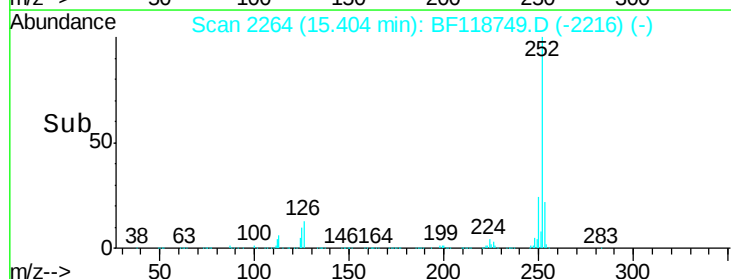
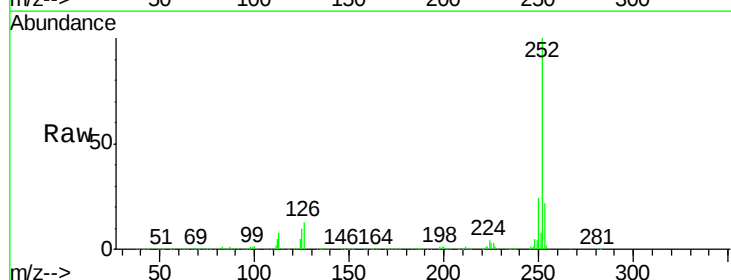
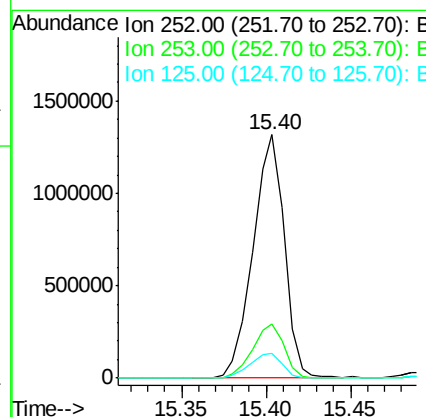
Manual Integrations
APPROVED

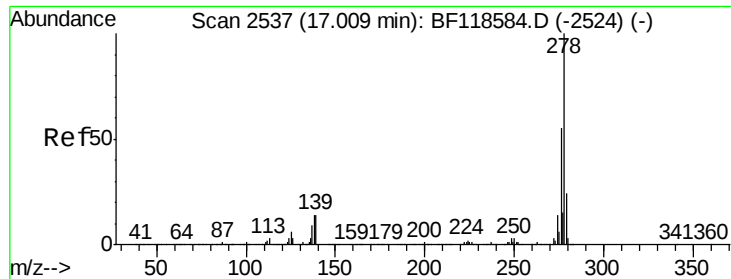
mohammad
2/3/2020 7:56:50 AM



#90
Benzo(a)pyrene
Concen: 40.846 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	10.4	8.3	12.5





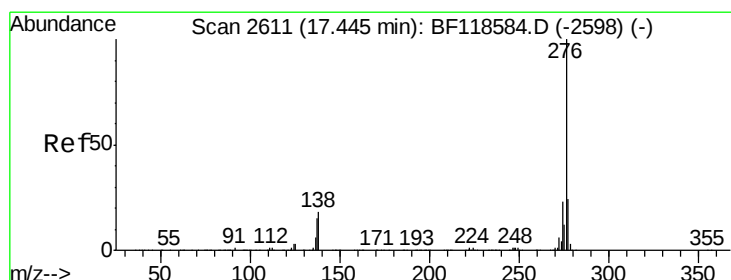
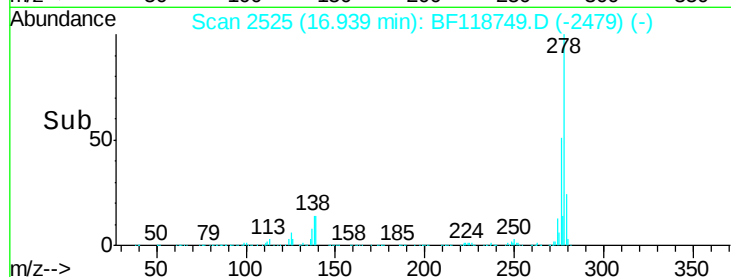
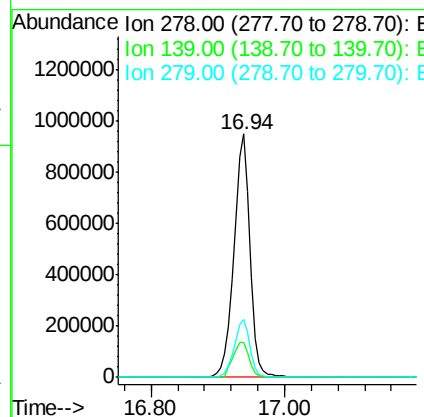
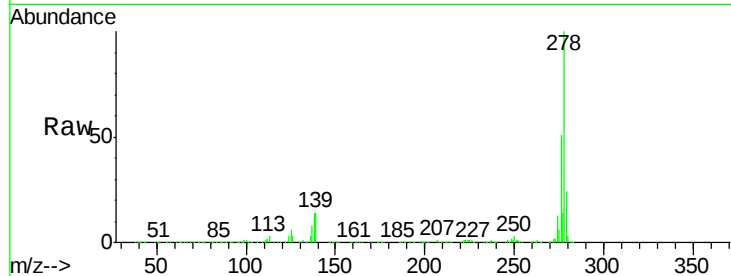
#91
Dibenzo(a,h)anthracene
Concen: 44.022 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.03 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.8	17.6
279	24.0	19.1	28.7

Manual Integrations
APPROVED

mohammad
2/3/2020 7:56:50 AM



#92
Benzo(g,h,i)perylene
Concen: 45.372 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.03 min
Lab File: BF118749.D
Acq: 30 Jan 2020 14:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.6
138	19.6	15.4	23.2

