

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118588.D
 Acq On : 20 Jan 2020 13:28
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

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 1/21/2020 2:25:55 PM

Quant Time: Jan 20 14:47:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 12:07:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	482922	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1729007	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	987942	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1801768	20.00	ng	0.00
76) Chrysene-d12	14.05	240	1250726	20.00	ng	0.00
87) Perylene-d12	15.52	264	1049673	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	3652890	139.76	ng	0.00
7) Phenol-d6	6.52	99	4814330	140.58	ng	0.01
23) Nitrobenzene-d5	7.46	82	4597885	164.24	ng	0.01
42) 2,4,6-Tribromophenol	10.72	330	1693069	155.02	ng	0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	13.00	244	7386121	116.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	936194	74.548	ng	99
3) Pyridine	3.43	79	2640565	76.134	ng	100
4) n-Nitrosodimethylamine	3.39	42	1142864	71.843	ng	94
6) Aniline	6.56	93	3286804	73.326	ng	100
8) 2-Chlorophenol	6.67	128	2113300	71.096	ng	97
9) Benzaldehyde	6.43	77	1280748	73.056	ng	97
10) Phenol	6.53	94	2787395	74.186	ng	88
11) bis(2-Chloroethyl)ether	6.63	93	2086368	69.329	ng	97
12) 1,3-Dichlorobenzene	6.83	146	2449709	69.303	ng	98
13) 1,4-Dichlorobenzene	6.90	146	2440999	68.739	ng	96
14) 1,2-Dichlorobenzene	7.06	146	2239589	67.407	ng	97
15) Benzyl Alcohol	7.03	79	1973979	70.235	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	2873357	65.087	ng	98
17) 2-Methylphenol	7.13	107	1821395	72.189	ng	99
18) Hexachloroethane	7.40	117	916608	70.831	ng	99
19) n-Nitroso-di-n-propylamine	7.32	70	1710192	69.637	ng	97
20) 3+4-Methylphenols	7.30	107	2038224	67.553	ng	96
22) Acetophenone	7.30	105	2875764	68.539	ng	98
24) Nitrobenzene	7.47	77	2355157	79.109	ng	94
25) Isophorone	7.72	82	4330923	71.282	ng	98
26) 2-Nitrophenol	7.79	139	1117328	94.990	ng	99
27) 2,4-Dimethylphenol	7.82	122	1782305	73.759	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	2708640	69.385	ng	97
29) 2,4-Dichlorophenol	8.03	162	1973200	74.187	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	2183208	70.434	ng	98
31) Naphthalene	8.19	128	5313864	65.169	ng	# 94
32) Benzoic acid	7.97	122	1556124	104.820	ng	98
33) 4-Chloroaniline	8.24	127	2620574	69.169	ng	97
34) Hexachlorobutadiene	8.32	225	1341209	69.371	ng	99
35) Caprolactam	8.63	113	721916m	87.248	ng	
36) 4-Chloro-3-methylphenol	8.72	107	1940993	73.615	ng	99
37) 2-Methylnaphthalene	8.89	142	3829819	66.297	ng	97
38) 1-Methylnaphthalene	8.99	142	3661663	67.001	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	2211004	69.386	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1172799	70.442	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	1580714	77.858	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	1605117	78.198	ng	97
46) 1,1'-Biphenyl	9.35	154	4508473	63.866	ng	93
47) 2-Chloronaphthalene	9.37	162	4020659	67.574	ng	94
48) 2-Nitroaniline	9.47	65	1384879	89.490	ng	89
49) Acenaphthylene	9.79	152	5492985	65.385	ng	93
50) Dimethylphthalate	9.66	163	4633040	68.302	ng	97
51) 2,6-Dinitrotoluene	9.71	165	1159205	89.567	ng	94
52) Acenaphthene	9.96	154	3815133	69.322	ng	97
53) 3-Nitroaniline	9.88	138	1304347	88.965	ng	98
54) 2,4-Dinitrophenol	9.98	184	539870	124.045	ng	# 38
55) Dibenzofuran	10.13	168	5065167	65.036	ng	94
56) 4-Nitrophenol	10.03	139	985670	91.010	ng	94
57) 2,4-Dinitrotoluene	10.12	165	1490663	94.782	ng	99
58) Fluorene	10.48	166	3837221	63.625	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	1411208	80.363	ng	99
60) Diethylphthalate	10.35	149	4391864	66.320	ng	94
61) 4-Chlorophenyl-phenylether	10.47	204	2187190	66.290	ng	97
62) 4-Nitroaniline	10.50	138	1319298	90.601	ng	99
63) Azobenzene	10.63	77	4206304	65.172	ng	92
65) 4,6-Dinitro-2-methylphenol	10.53	198	713558	110.648	ng	87
66) n-Nitrosodiphenylamine	10.59	169	3833469	66.215	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	1664726	69.022	ng	94
68) Hexachlorobenzene	11.03	284	1861442	69.646	ng	97
69) Atrazine	11.12	200	1409795	84.384	ng	99
70) Pentachlorophenol	11.22	266	1140338	86.814	ng	99
71) Phenanthrene	11.44	178	5752284	63.515	ng	93
72) Anthracene	11.49	178	5673094	62.784	ng	93
73) Carbazole	11.64	167	5390407	66.146	ng	94
74) Di-n-butylphthalate	11.97	149	5781906	57.093	ng	# 94
75) Fluoranthene	12.63	202	5909626	60.677	ng	93
77) Benzidine	12.74	184	2101824	69.166	ng	# 93
78) Pyrene	12.86	202	6154033	65.925	ng	93
80) Butylbenzylphthalate	13.47	149	2814704	70.341	ng	96
81) Benzo(a)anthracene	14.04	228	5197011	65.830	ng	94
82) 3,3'-Dichlorobenzidine	14.00	252	1937939	69.967	ng	98
83) Chrysene	14.08	228	5107671	67.262	ng	93
84) Bis(2-ethylhexyl)phthalate	14.03	149	3139243	63.206	ng	96
85) Di-n-octyl phthalate	14.64	149	4777697	62.817	ng	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	5124417	68.575	ng	99
88) Benzo(b)fluoranthene	15.09	252	4776513	69.868	ng	96
89) Benzo(k)fluoranthene	15.13	252	4539158	73.465	ng	96
90) Benzo(a)pyrene	15.46	252	4293291	72.172	ng	97
91) Dibenzo(a,h)anthracene	17.03	278	4135694	74.436	ng	97
92) Benzo(g,h,i)perylene	17.46	276	4119713	76.764	ng	97

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

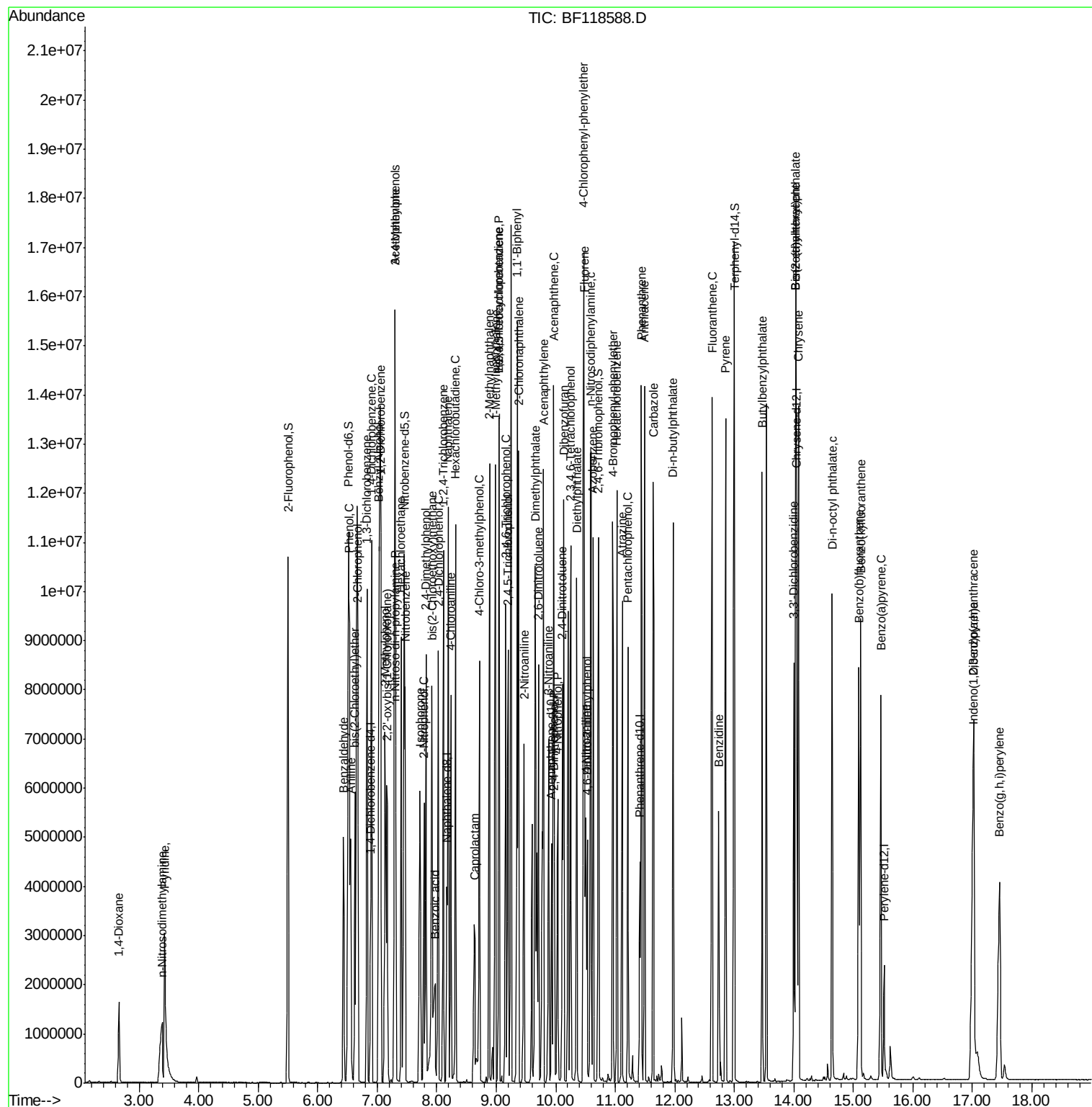
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
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 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

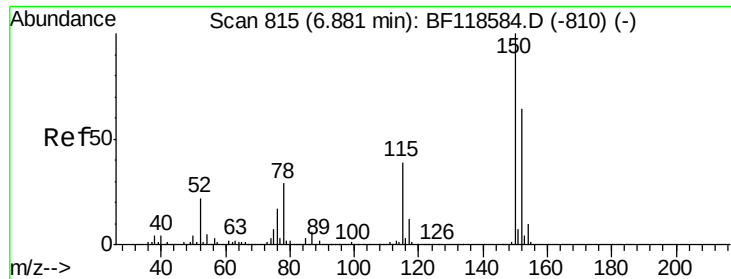
Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

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#1

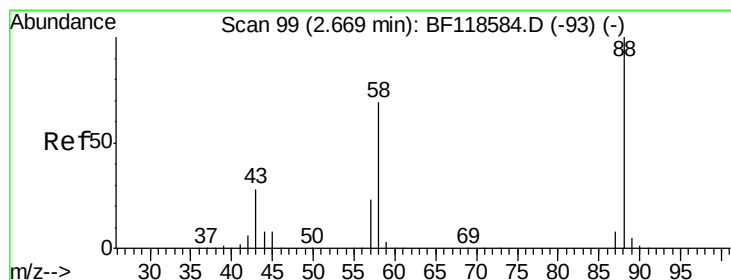
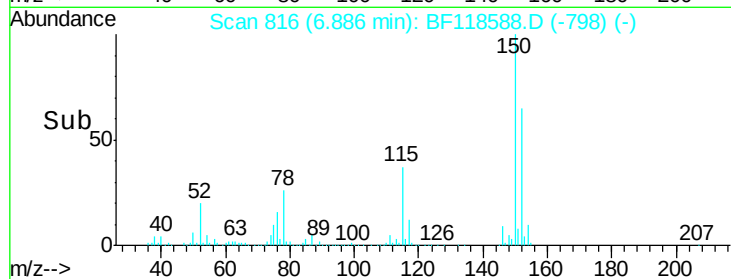
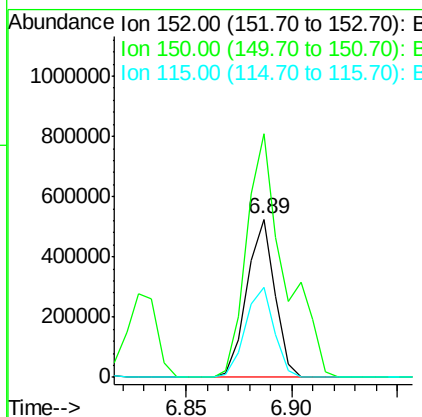
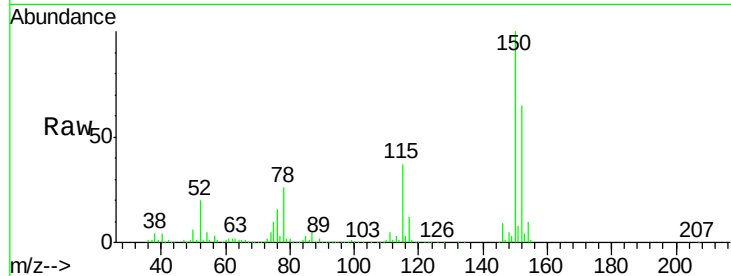
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.6	188.4
115	57.2	48.4	72.6

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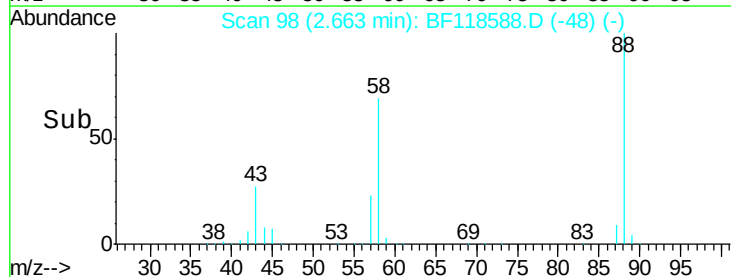
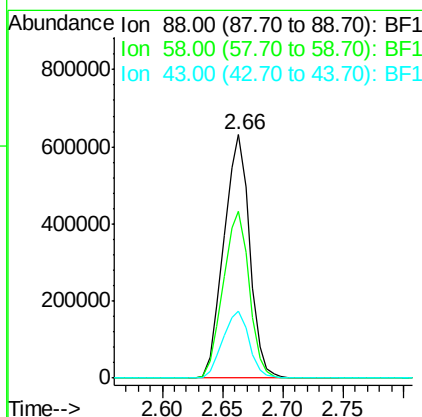
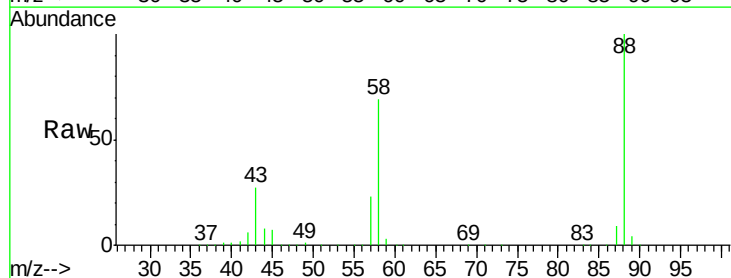
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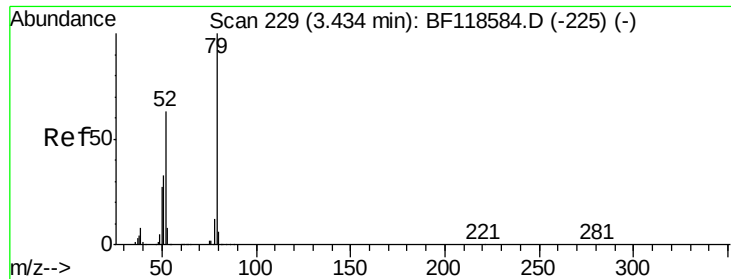


#2

1,4-Dioxane
Concen: 74.548 ng
RT: 2.66 min Scan# 98
Delta R.T. -0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	56.1	84.1
43	28.0	23.0	34.6





#3

Pvridine

Concen: 76.134 ng

RT: 3.43 min Scan# 228

Delta R.T. -0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 79 Resp: 2640565

Ion Ratio Lower Upper

79 100

52 63.2 50.7 76.1

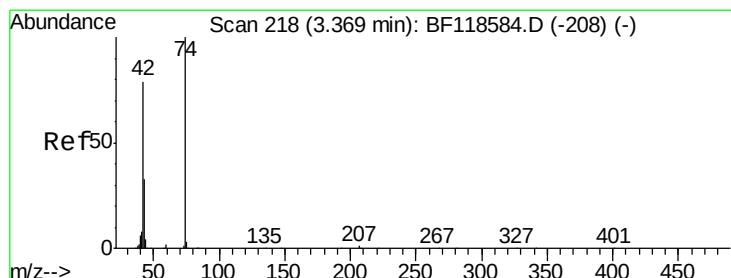
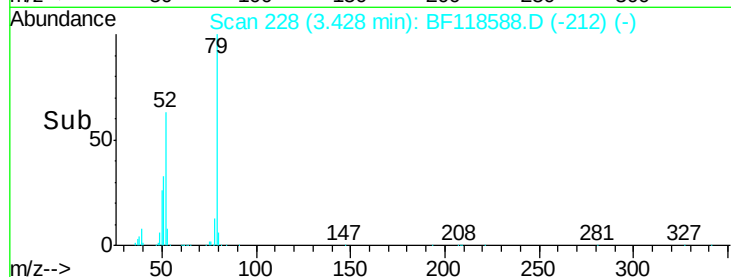
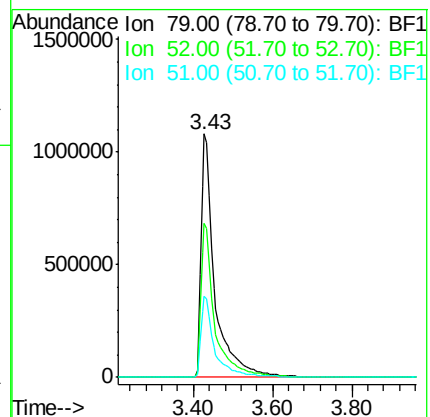
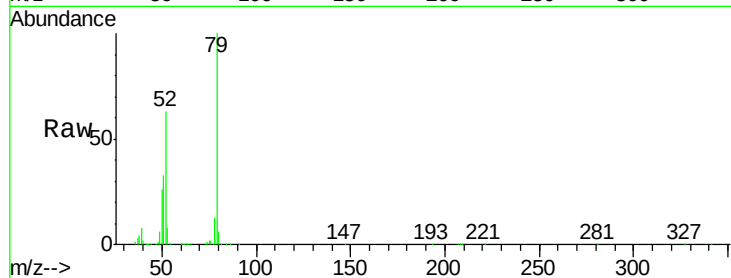
51 33.3 26.6 40.0

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 71.843 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.02 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

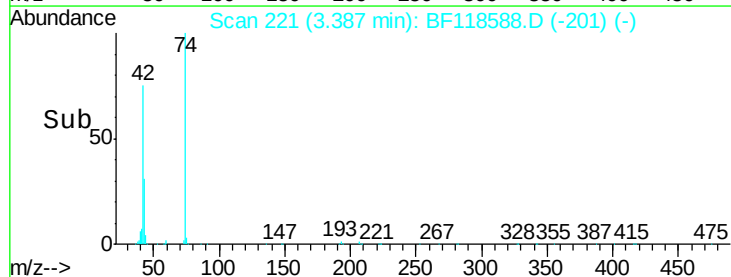
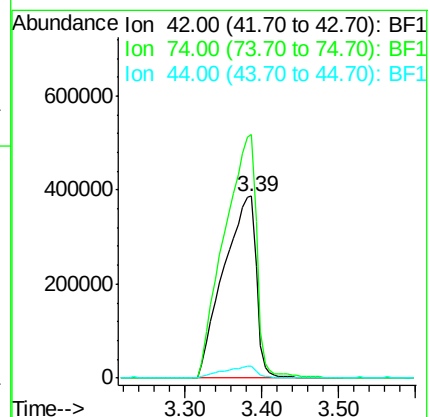
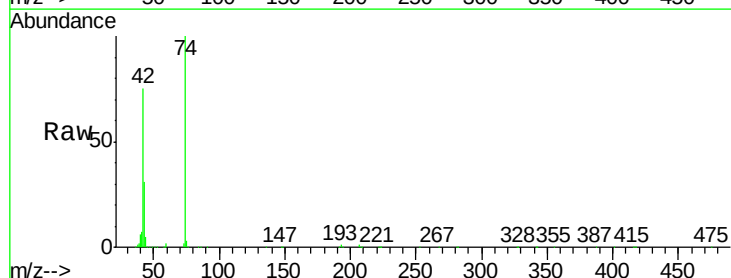
Tgt Ion: 42 Resp: 1142864

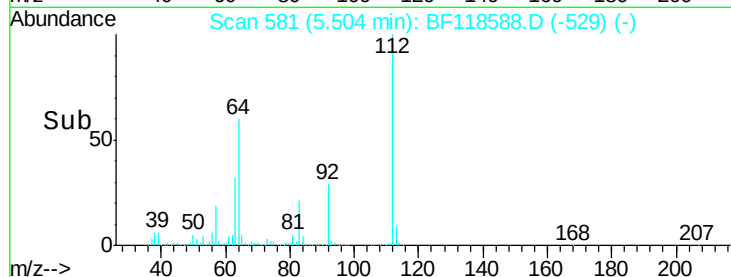
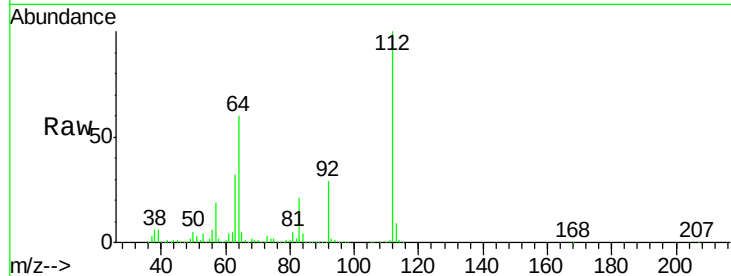
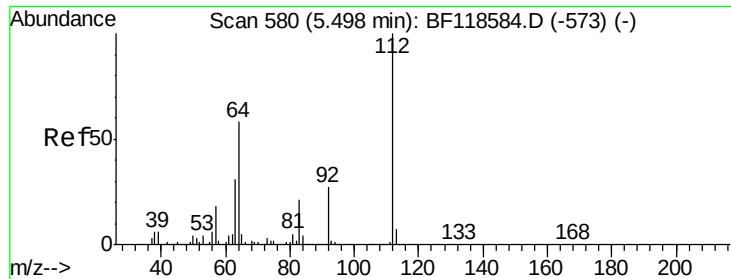
Ion Ratio Lower Upper

42 100

74 133.8 101.6 152.4

44 6.4 4.9 7.3





#5

2-Fluorophenol

Concen: 139.764 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Tot Ion:	112	Resp:	3652890
Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.6	70.0
63	32.3	25.1	37.7

Instrument :

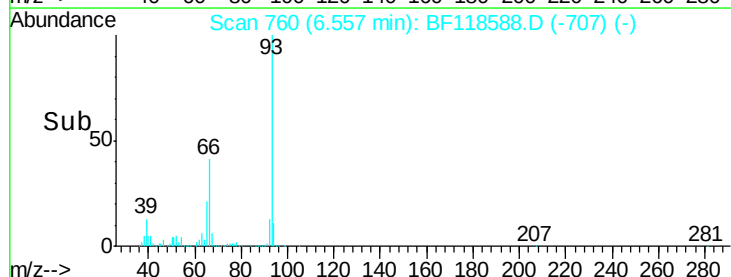
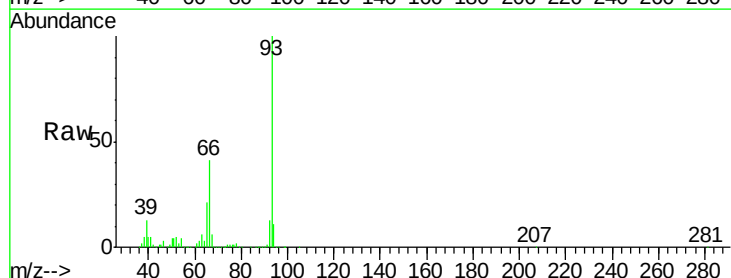
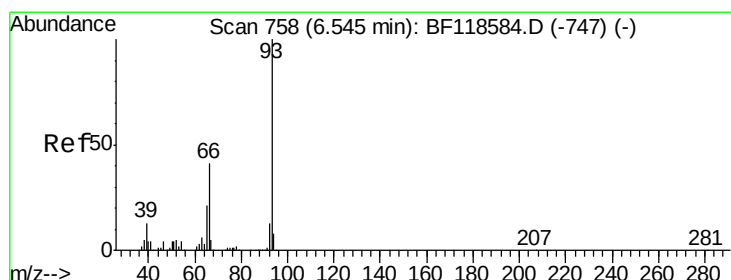
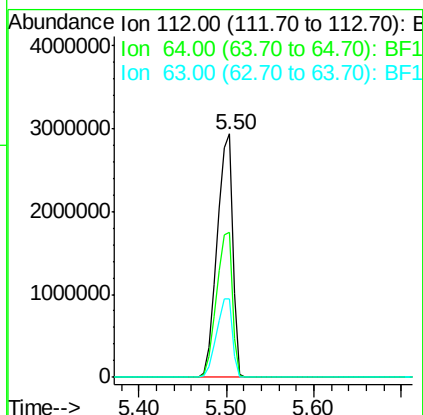
BNA_F

ClientSampleId :

SSTDICC080

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#6

Aniline

Concen: 73.326 ng

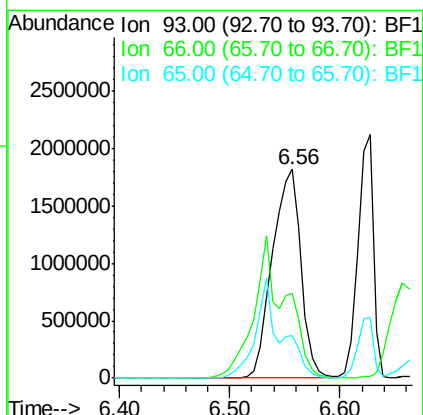
RT: 6.56 min Scan# 760

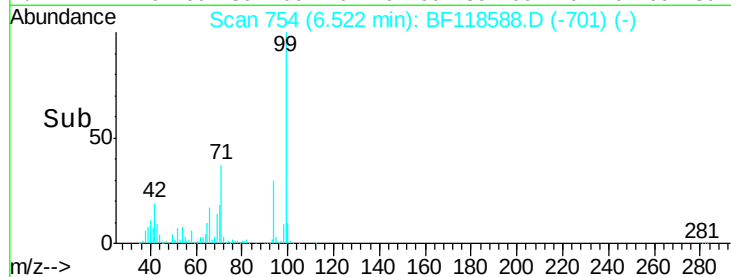
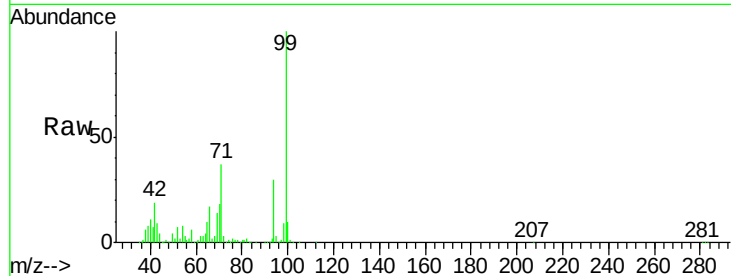
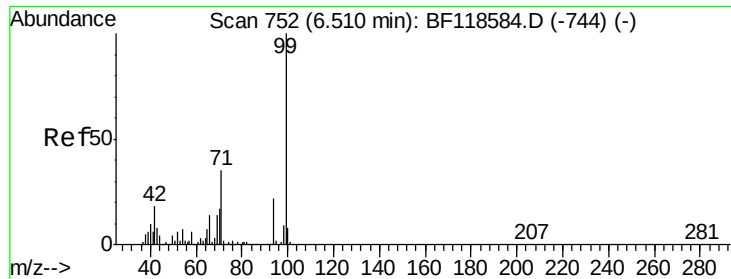
Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Tgt Ion:	93	Resp:	3286804
Ion	Ratio	Lower	Upper
93	100		
66	41.0	32.8	49.2
65	20.7	16.5	24.7





#7

Phenol-d6

Concen: 140.580 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Tot Ion:	99	Resp:	4814330
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.2	21.2
71	36.6	27.8	41.6

Instrument :

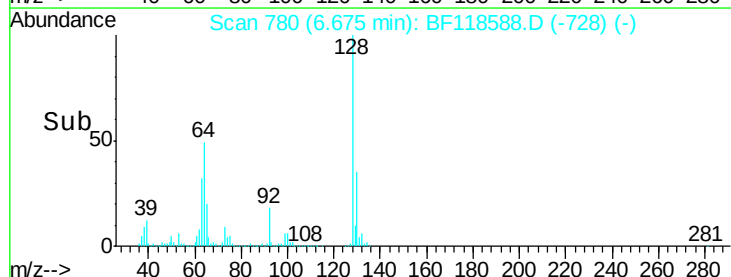
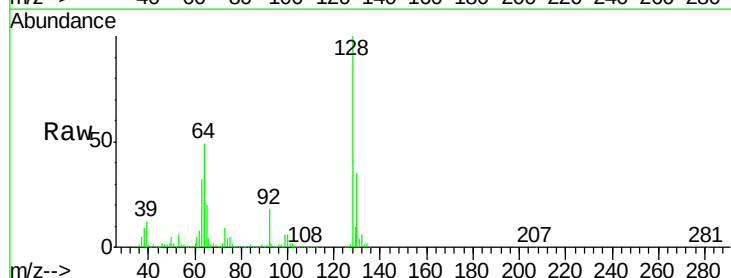
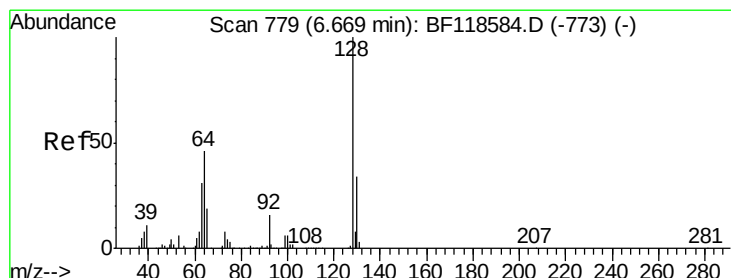
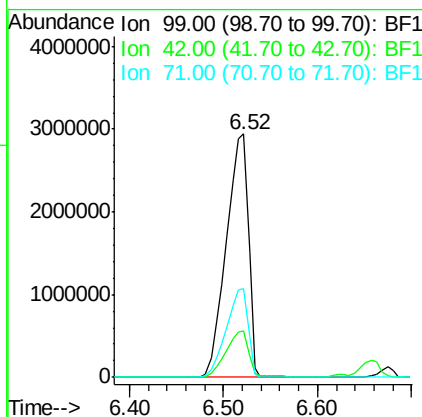
BNA_F

ClientSampleId :

SSTDIC080

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#8

2-Chlorophenol

Concen: 71.096 ng

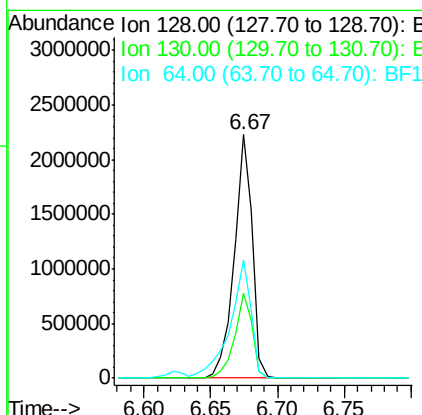
RT: 6.67 min Scan# 780

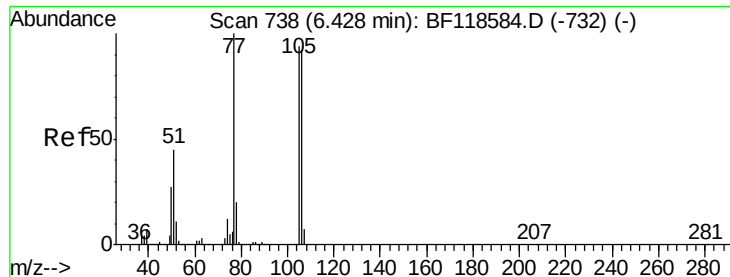
Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Tgt Ion:	128	Resp:	2113300
Ion	Ratio	Lower	Upper
128	100		
130	34.8	13.6	53.6
64	48.7	26.4	66.4





#9

Benzaldehyde

Concen: 73.056 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Instrument :

BNA_F

ClientSampled :

SSTDICC080

Tot Ion: 77 Resp: 1280748

Ion Ratio Lower Upper

77 100

105 97.0 73.5 113.5

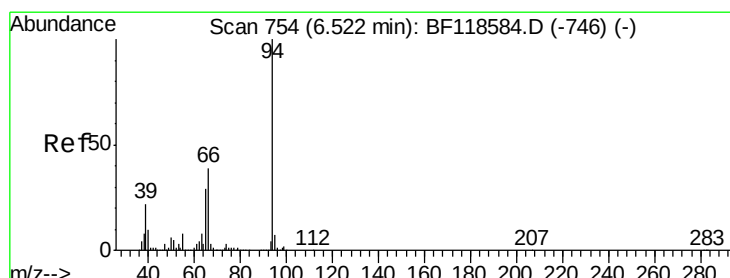
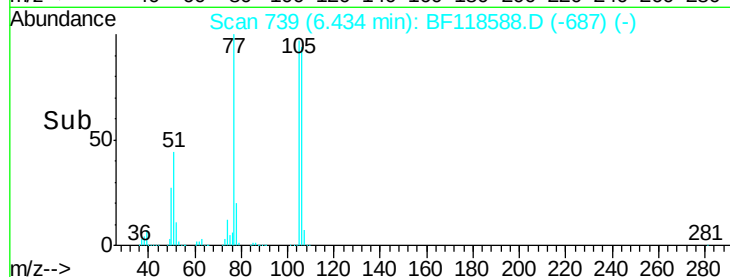
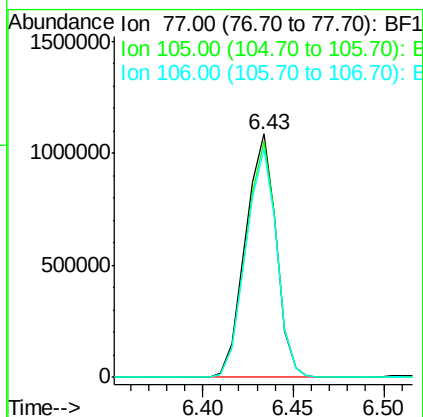
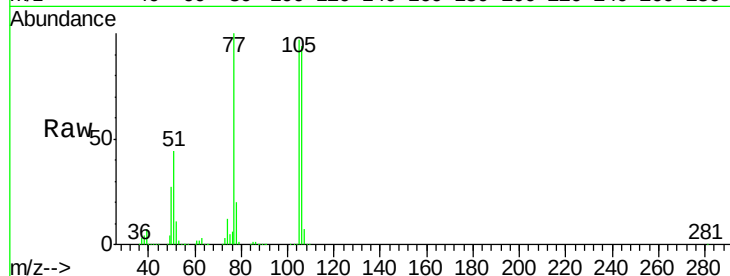
106 93.7 71.9 111.9

Manual Integrations

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#10

Phenol

Concen: 74.186 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF118588.D

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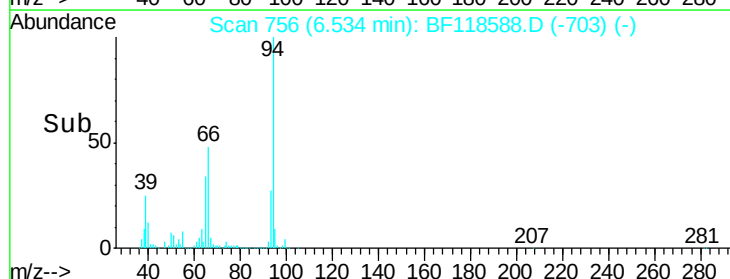
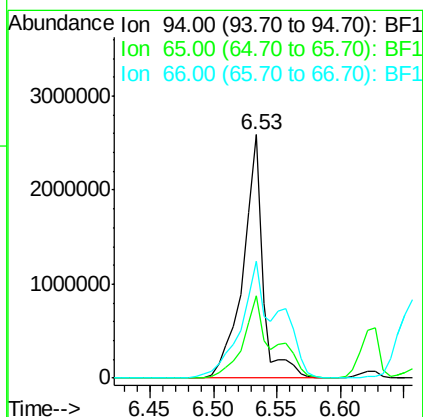
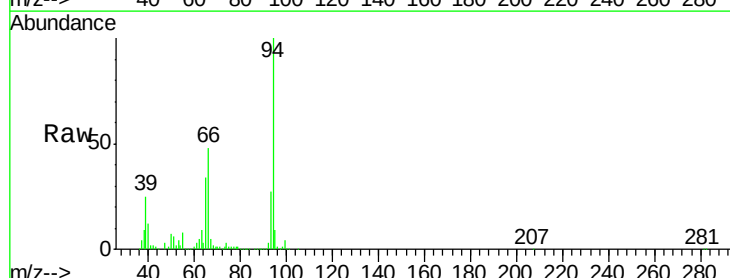
Tgt Ion: 94 Resp: 2787395

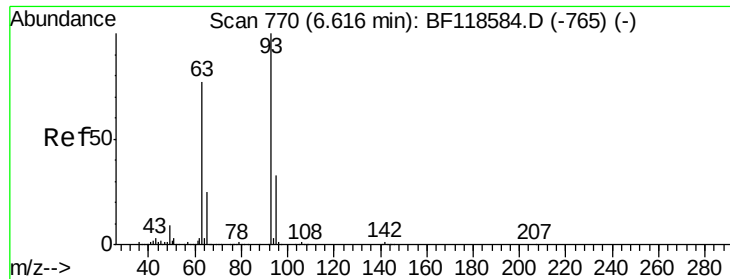
Ion Ratio Lower Upper

94 100

65 33.9 9.5 49.5

66 48.0 18.5 58.5





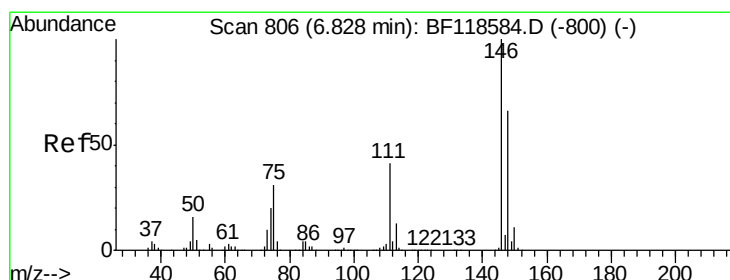
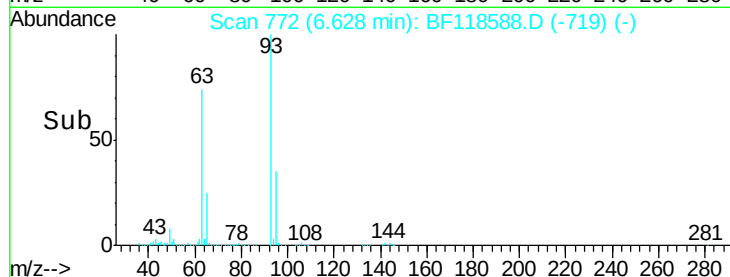
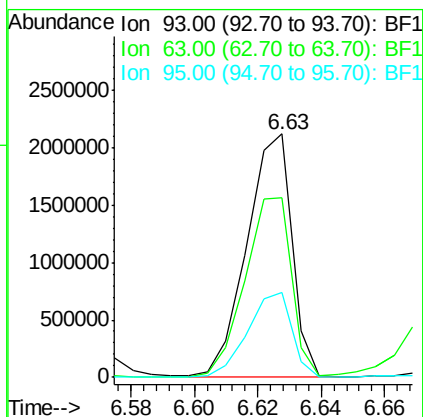
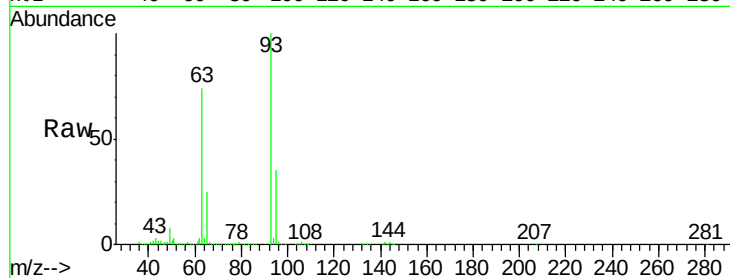
#11
bis(2-Chloroethyl)ether
Concen: 69.329 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion: 93 Resp: 2086368
Ion Ratio Lower Upper
93 100
63 73.6 56.3 96.3
95 34.6 13.3 53.3

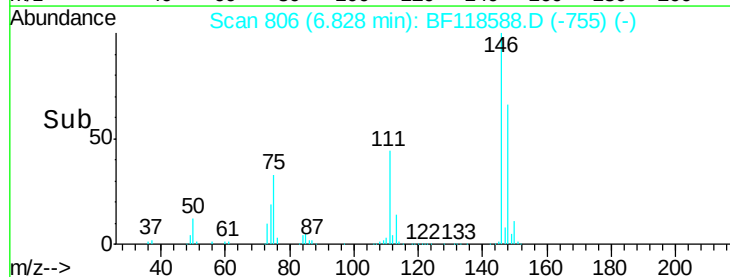
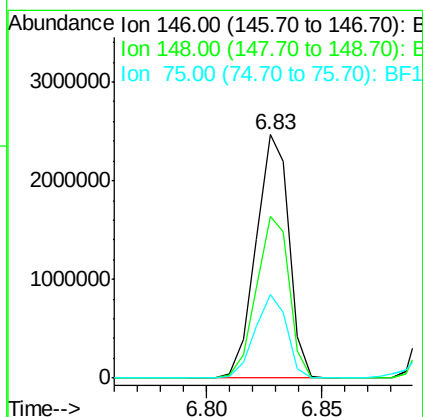
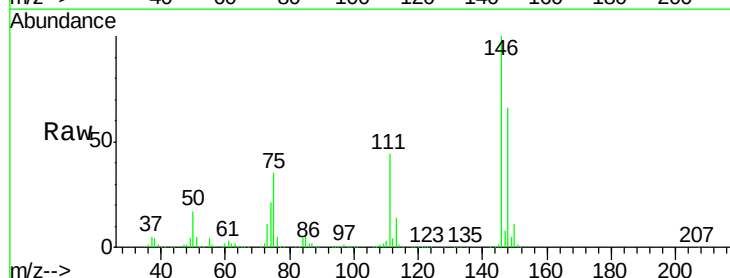
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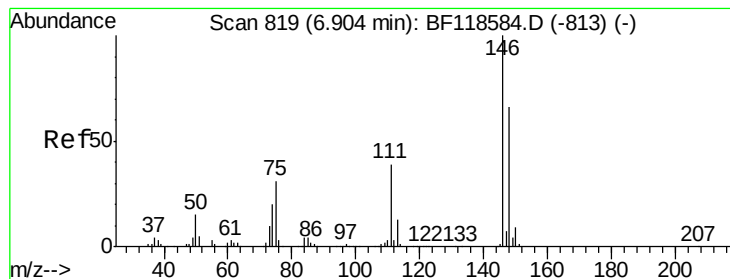
mohammad
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#12
1,3-Dichlorobenzene
Concen: 69.303 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Tgt Ion: 146 Resp: 2449709
Ion Ratio Lower Upper
146 100
148 66.4 53.0 79.6
75 34.5 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 68.739 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:146 Resp: 2440999

Ion Ratio Lower Upper

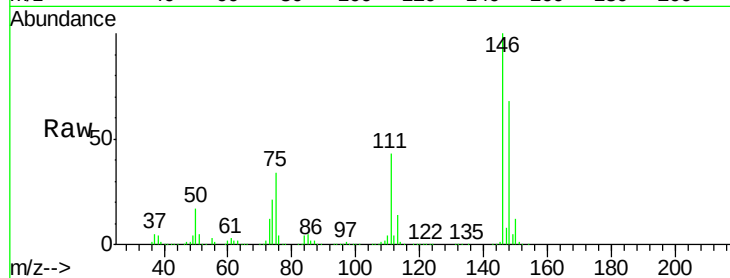
146 100

148 67.6 52.4 78.6

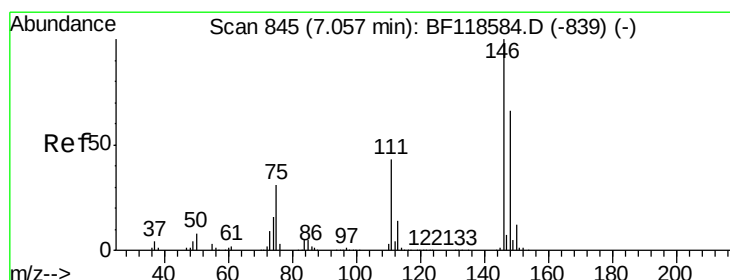
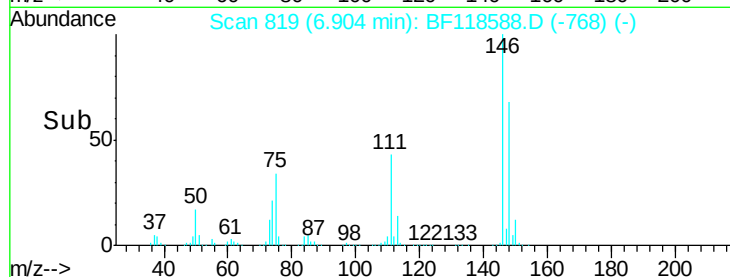
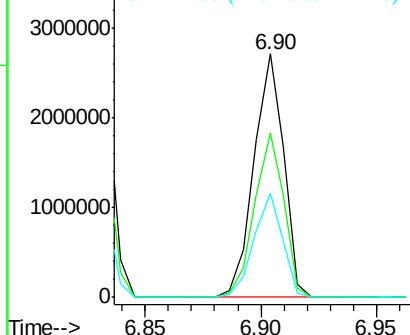
111 42.9 31.6 47.4

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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: 67.407 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

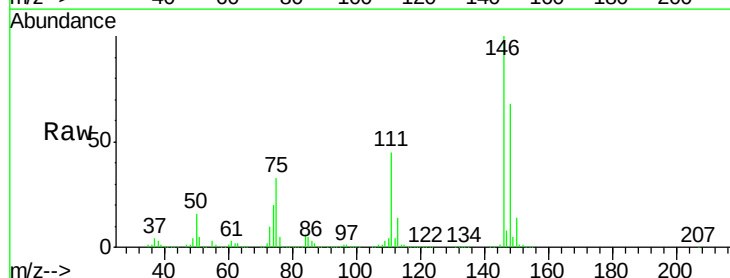
Tgt Ion:146 Resp: 2239589

Ion Ratio Lower Upper

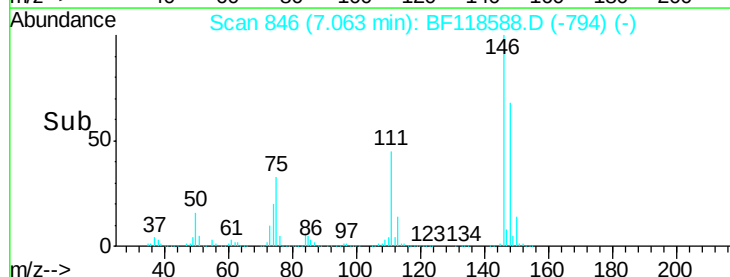
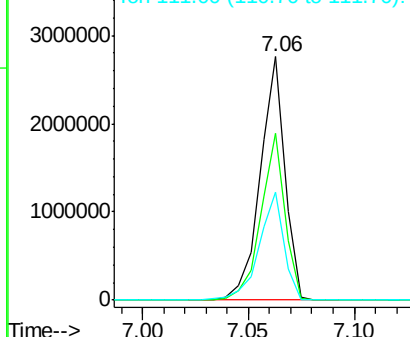
146 100

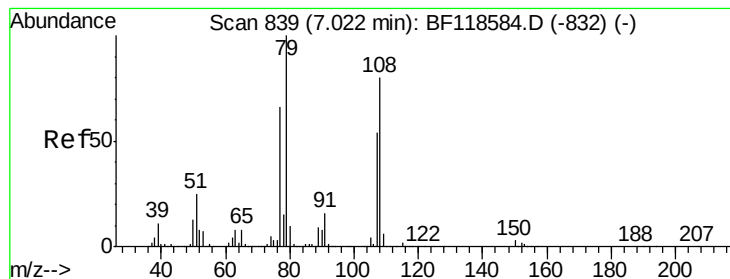
148 68.4 52.7 79.1

111 44.6 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 70.235 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 1973979

Ion Ratio Lower Upper

79 100

108 79.7 63.6 95.4

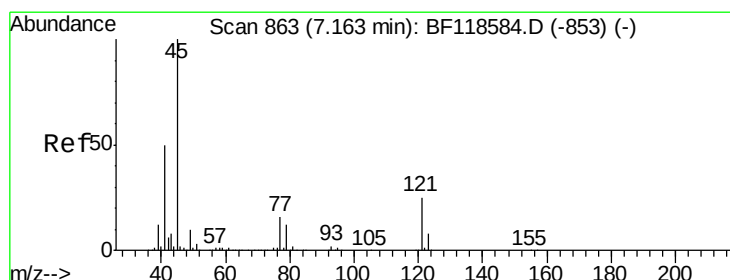
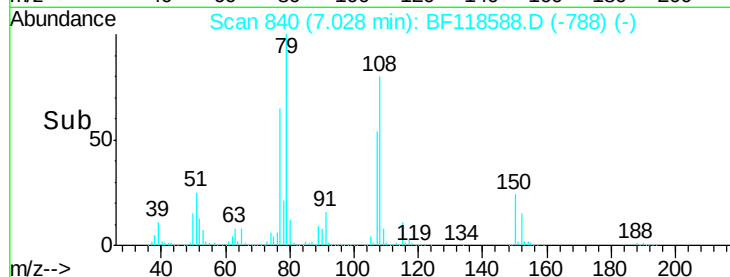
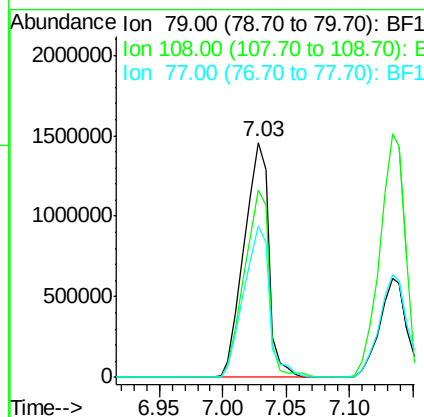
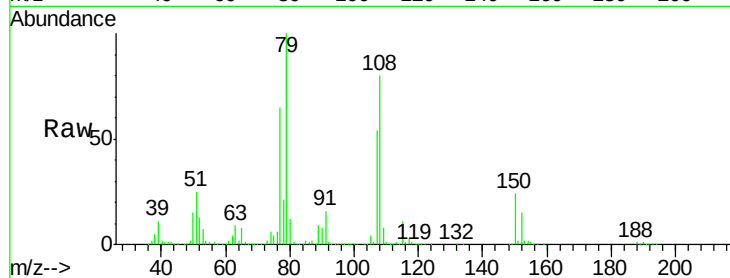
77 64.7 52.5 78.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 65.087 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

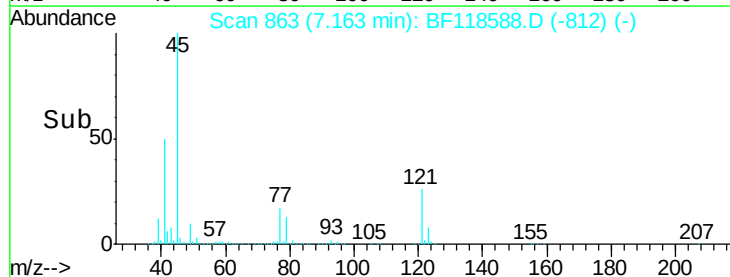
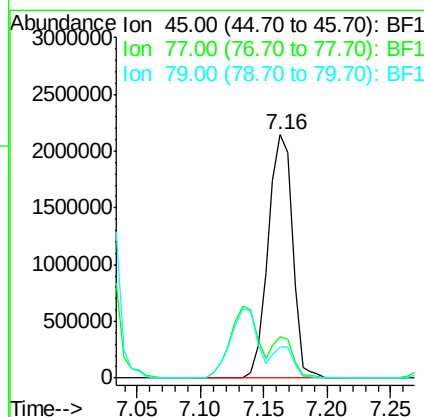
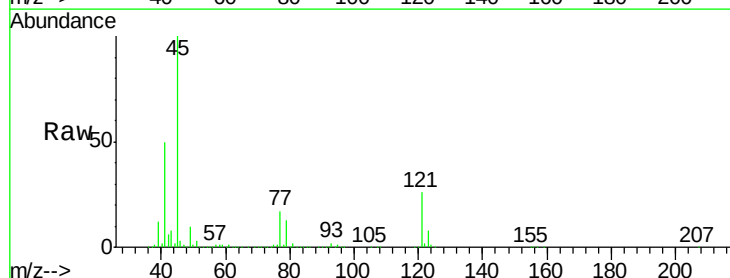
Tgt Ion: 45 Resp: 2873357

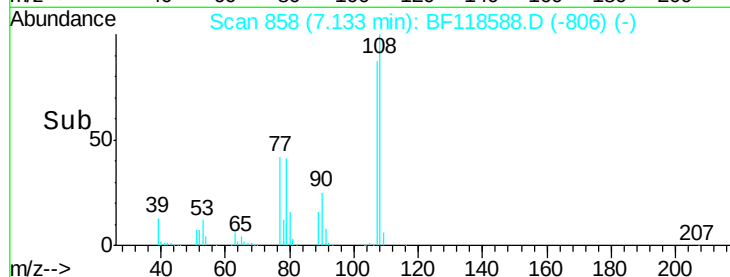
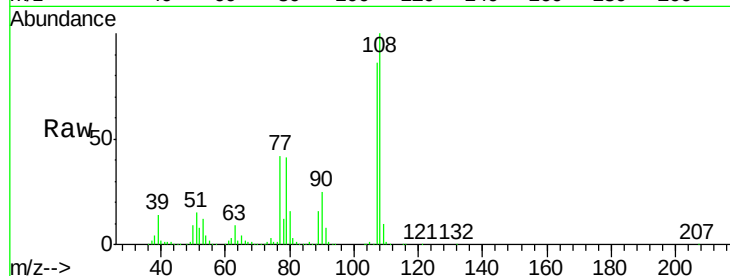
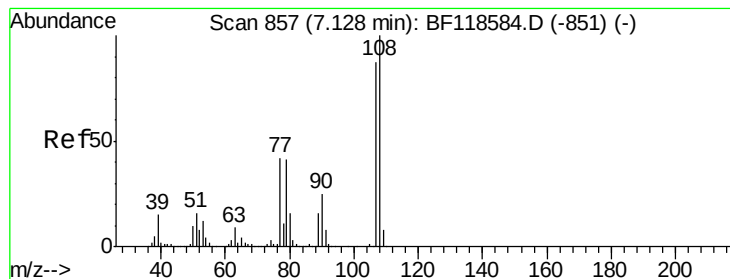
Ion Ratio Lower Upper

45 100

77 17.1 0.0 36.1

79 13.0 0.0 32.4





#17

2-Methylphenol

Concen: 72.189 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Tot Ion:107 Resp: 1821395

Ion Ratio Lower Upper

107 100

108 115.8 91.5 137.3

77 48.7 38.7 58.1

79 47.3 37.7 56.5

Instrument :

BNA_F

ClientSampleId :

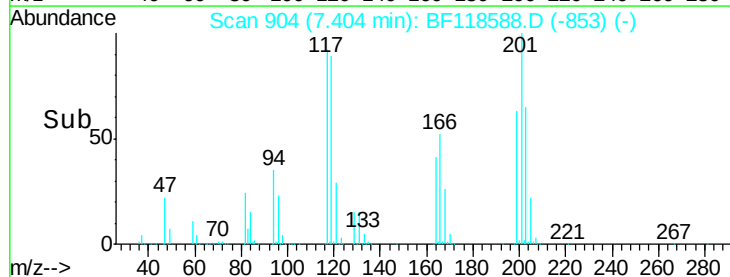
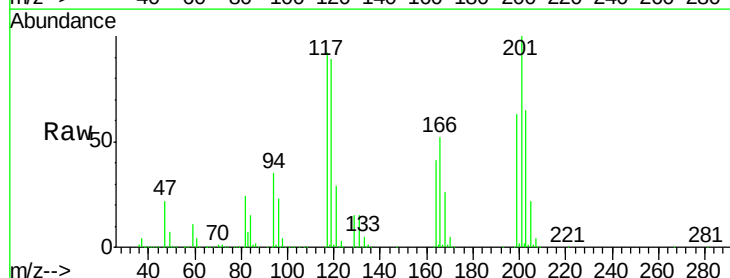
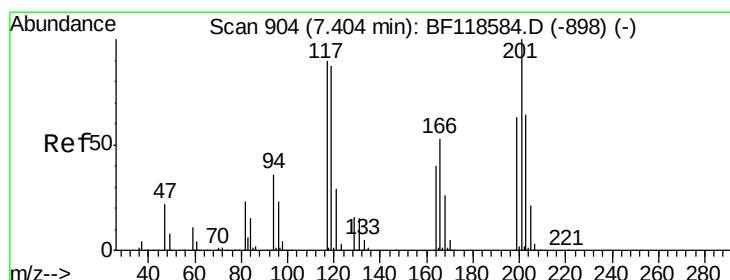
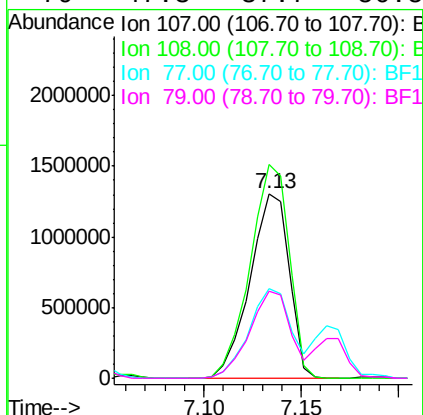
SSTDICC080

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#18

Hexachloroethane

Concen: 70.831 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

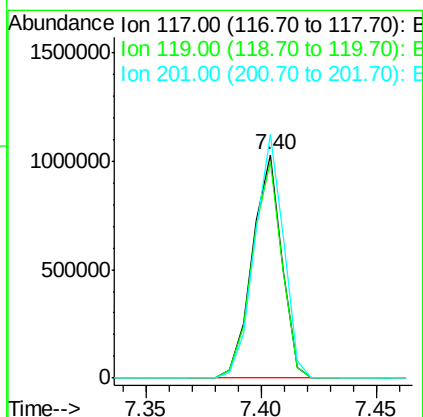
Tgt Ion:117 Resp: 916608

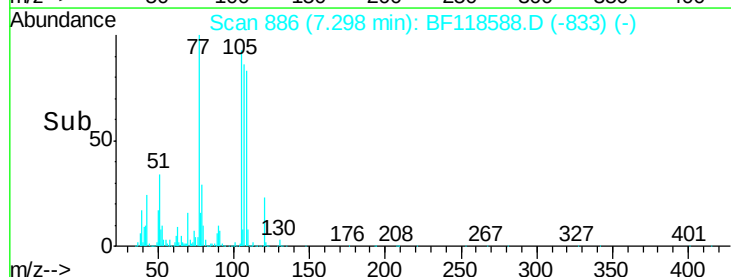
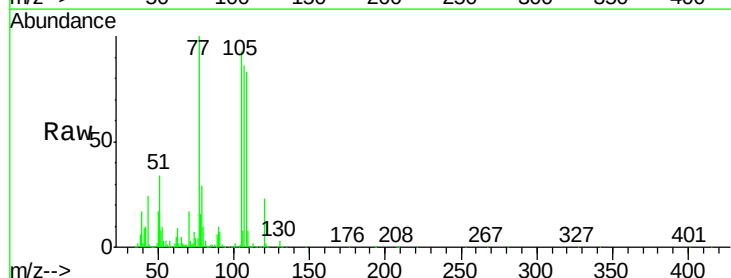
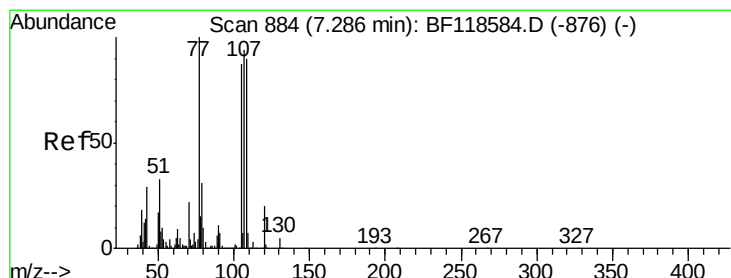
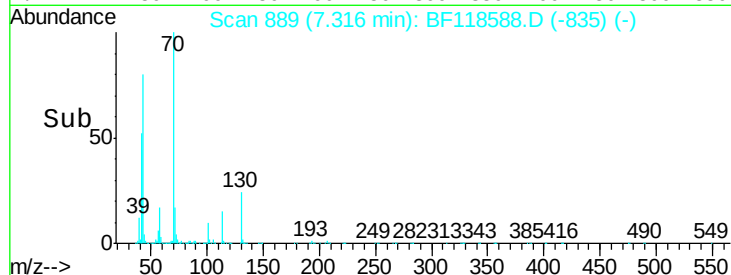
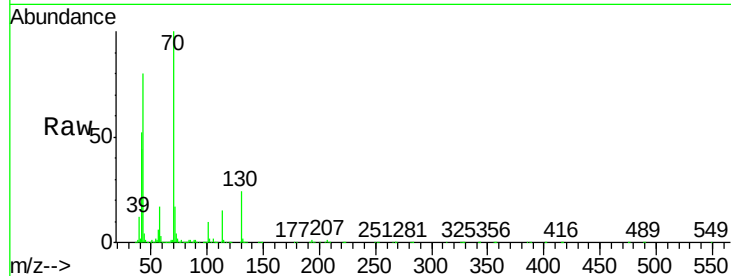
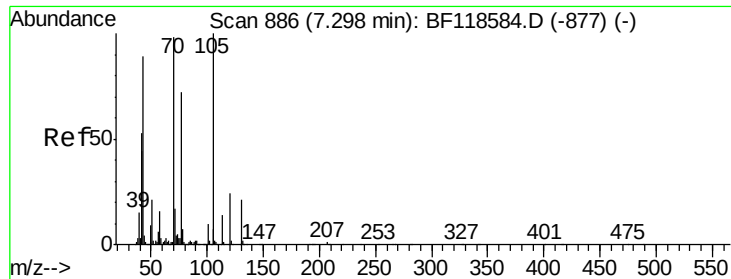
Ion Ratio Lower Upper

117 100

119 96.6 77.6 116.4

201 108.8 88.8 133.2





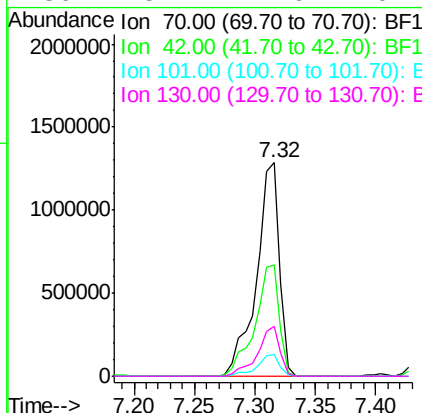
#19
n-Nitroso-di-n-propylamine
Concen: 69.637 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.3	43.4	65.0	
101	10.2	8.1	12.1	
130	23.7	17.6	26.4	

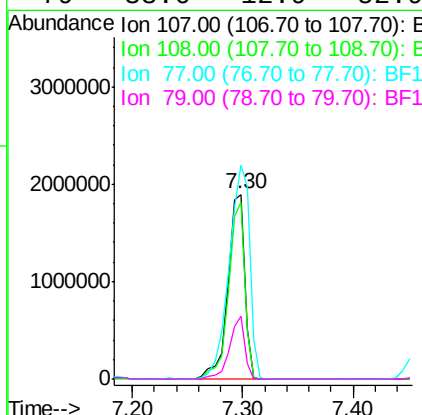
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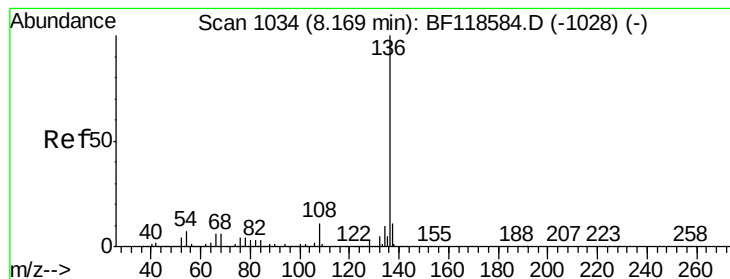
mohammad
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#20
3+4-Methylphenols
Concen: 67.553 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.9	75.8	115.8	
77	115.6	86.5	126.5	
79	33.6	12.9	52.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:136 Resp: 1729007

Ion Ratio Lower Upper

136 100

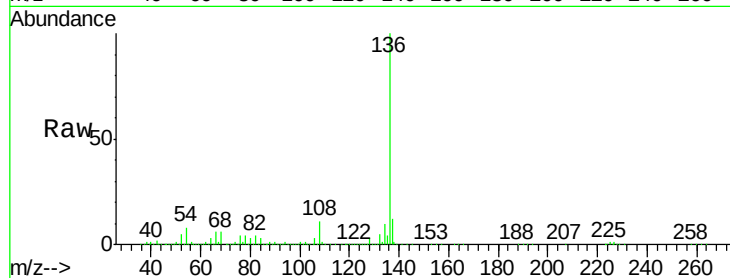
137 11.6 9.1 13.7

54 7.6 5.8 8.6

68 6.3 5.0 7.4

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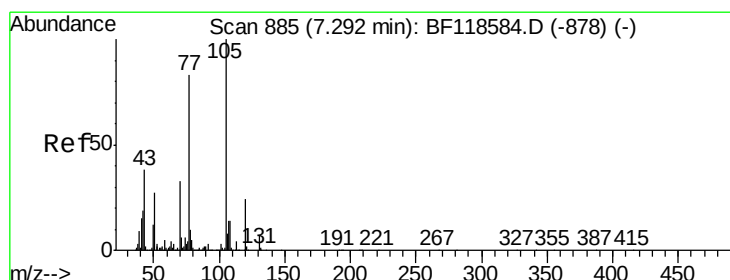
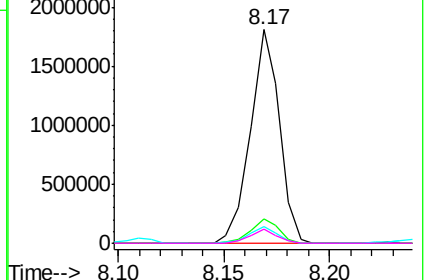
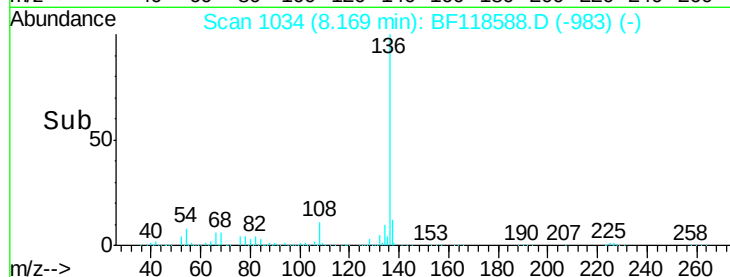


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 68.539 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Tgt Ion:105 Resp: 2875764

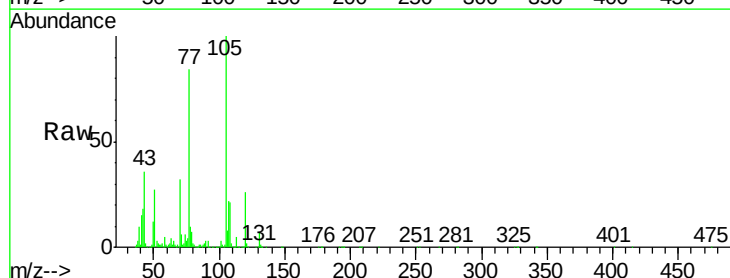
Ion Ratio Lower Upper

105 100

71 5.7 4.5 6.7

51 26.6 21.5 32.3

120 25.6 19.0 28.6

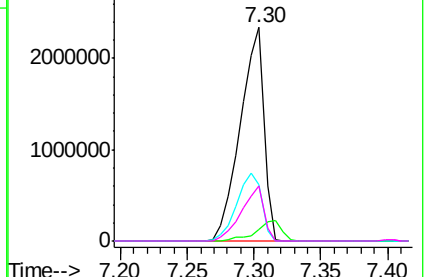
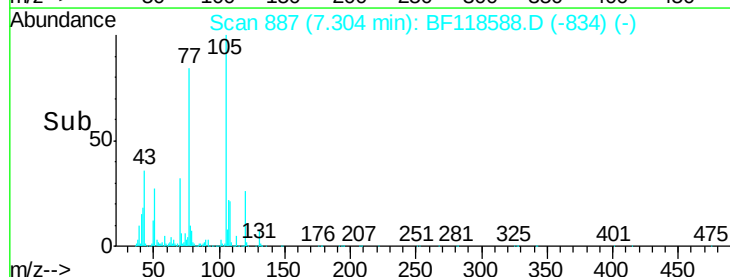


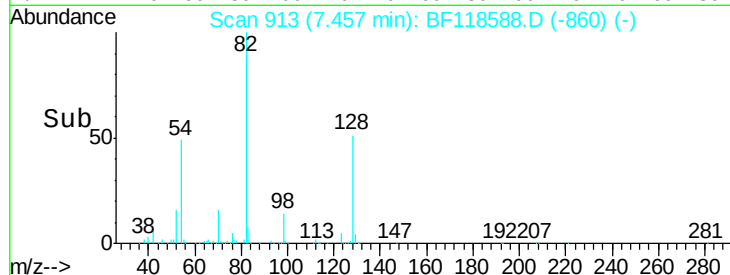
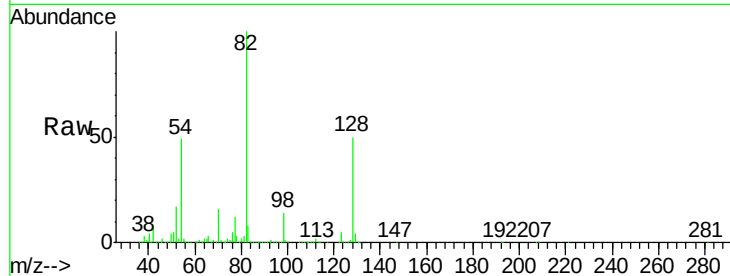
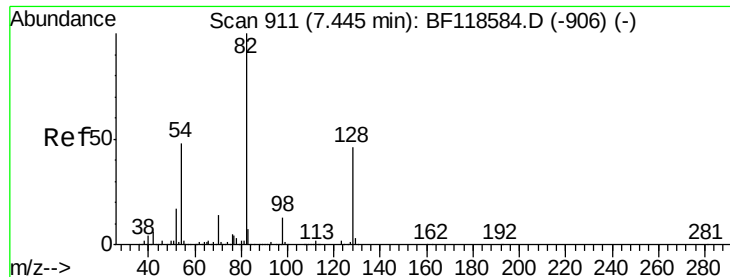
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 164.241 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Tot Ion:	82	Resp:	4597885
Ion	Ratio	Lower	Upper
82	100		
128	50.5	36.6	54.8
54	49.3	38.0	57.0

Instrument :

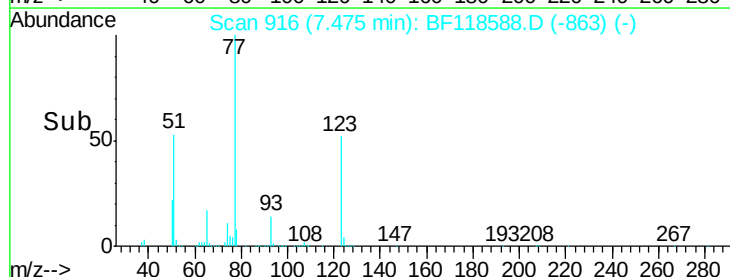
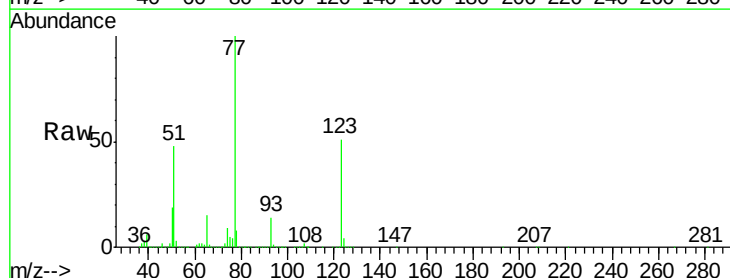
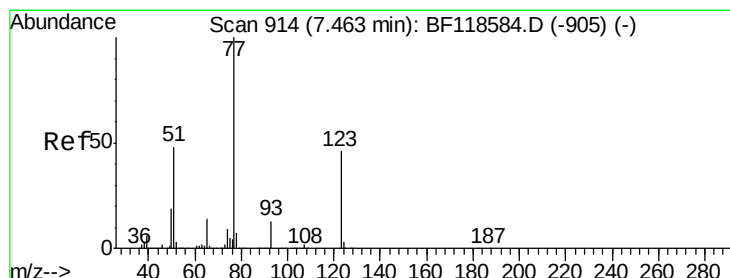
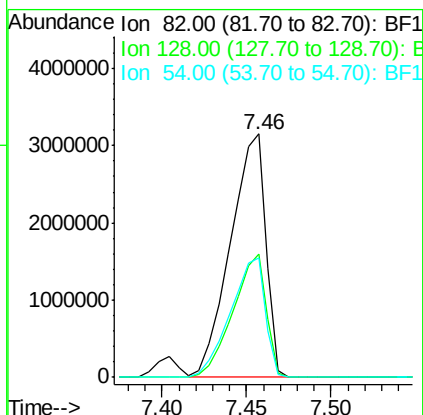
BNA_F

ClientSampleId :

SSTDICC080

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#24

Nitrobenzene

Concen: 79.109 ng

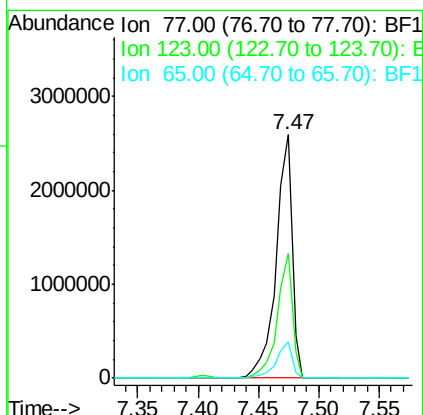
RT: 7.47 min Scan# 916

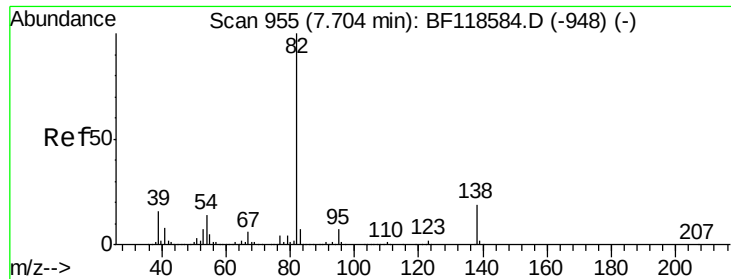
Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Tgt Ion:	77	Resp:	2355157
Ion	Ratio	Lower	Upper
77	100		
123	51.4	37.0	55.4
65	14.7	11.1	16.7





#25

Isophorone

Concen: 71.282 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 4330923

Ion Ratio Lower Upper

82 100

95 7.8 5.9 8.9

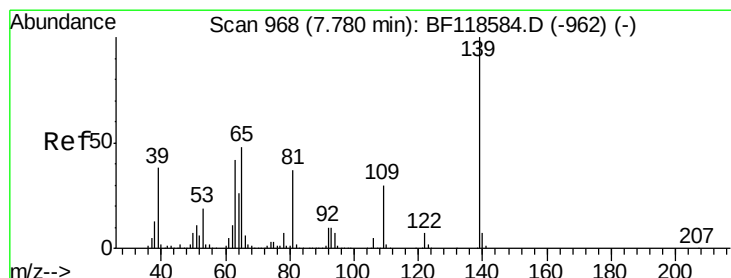
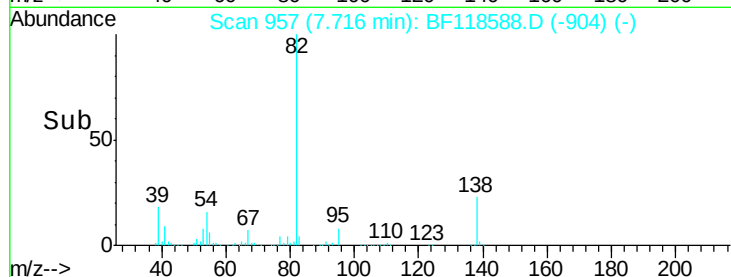
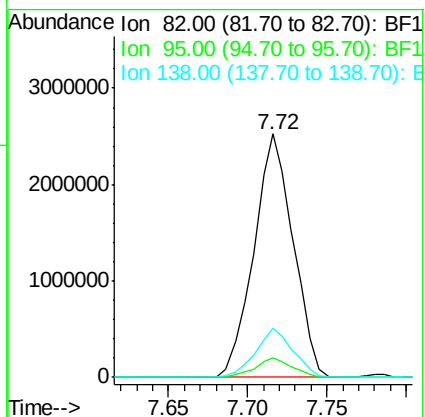
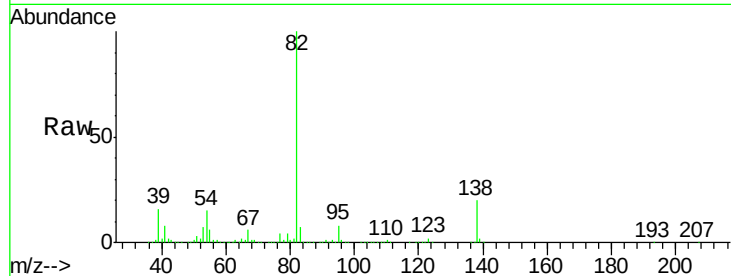
138 20.2 15.3 22.9

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#26

2-Nitrophenol

Concen: 94.990 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

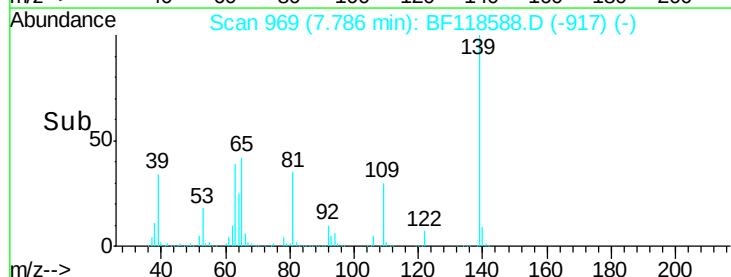
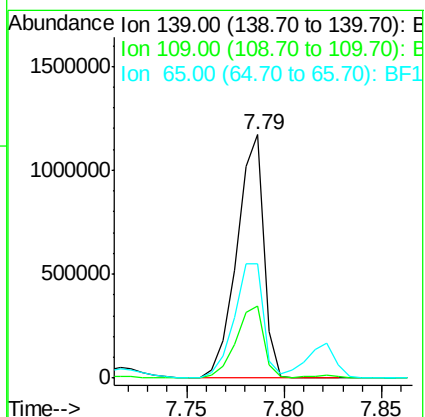
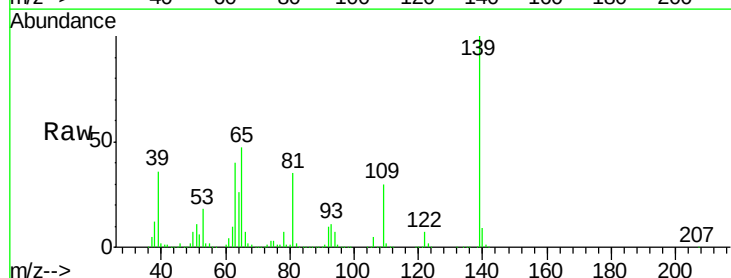
Tgt Ion: 139 Resp: 1117328

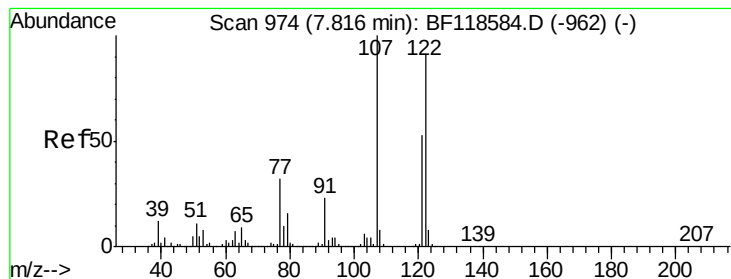
Ion Ratio Lower Upper

139 100

109 29.9 23.8 35.8

65 46.8 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 73.759 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:122 Resp: 1782305

Ion Ratio Lower Upper

122 100

107 111.1 88.0 132.0

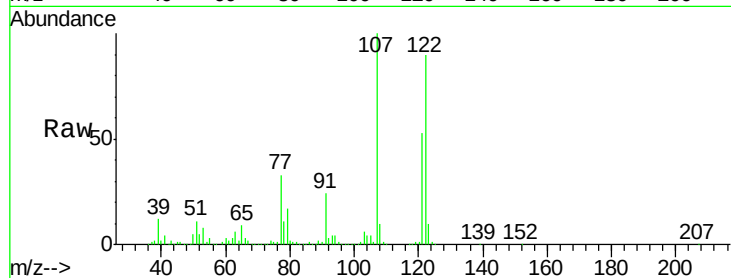
121 58.7 46.3 69.5

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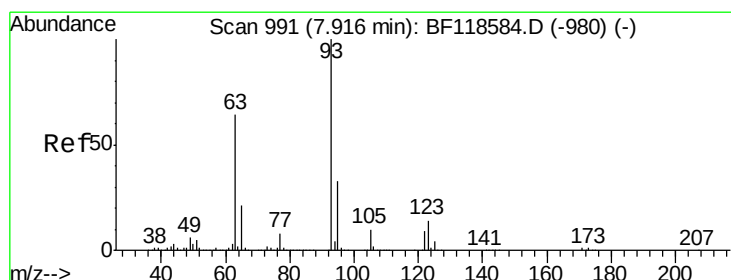
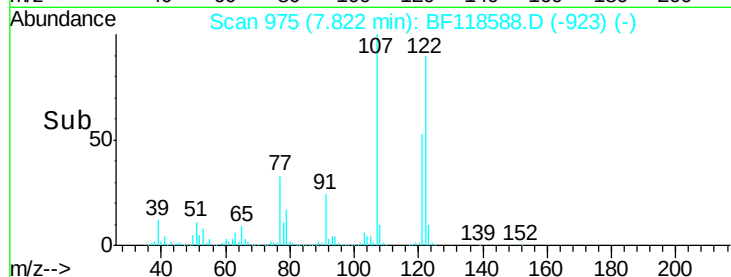
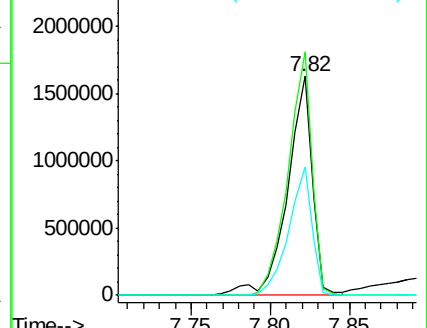
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 69.385 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

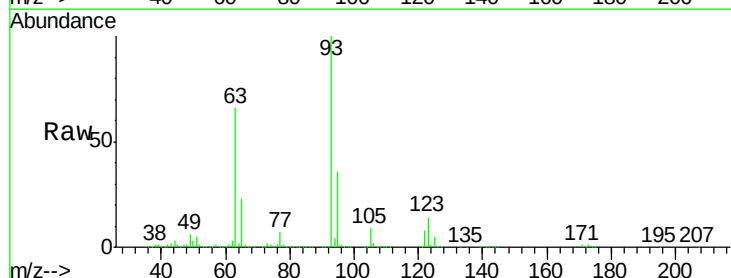
Tgt Ion: 93 Resp: 2708640

Ion Ratio Lower Upper

93 100

95 35.8 26.7 40.1

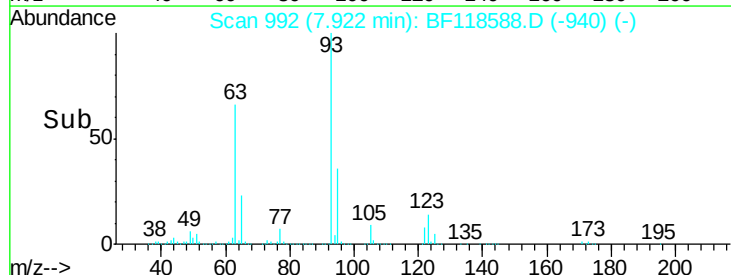
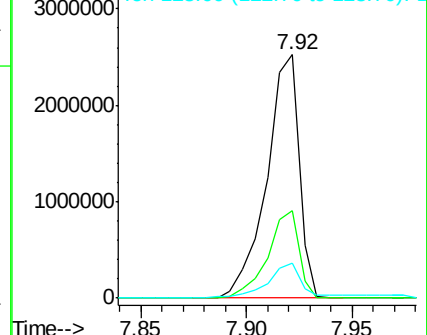
123 14.1 11.0 16.6

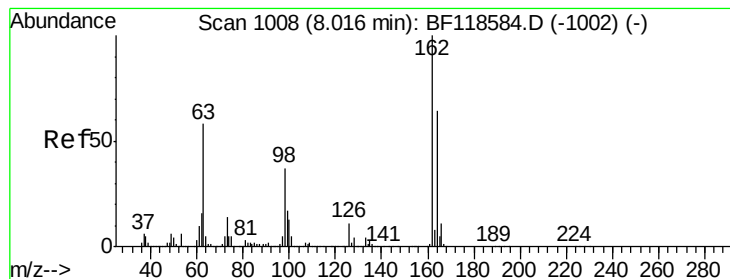


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





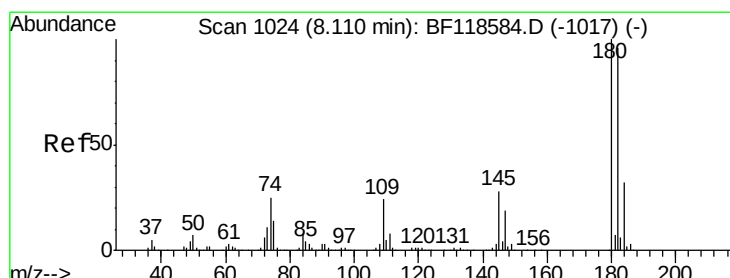
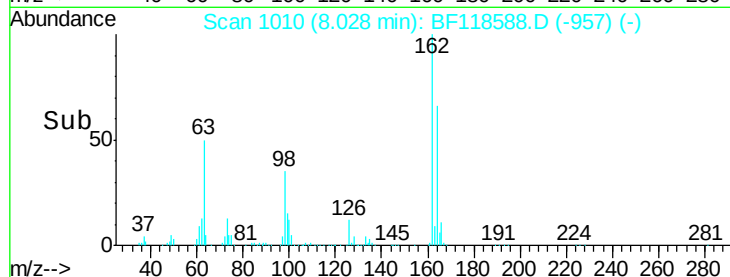
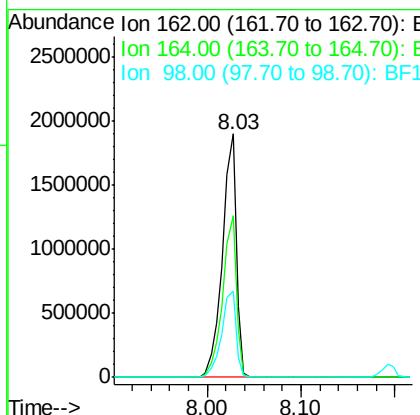
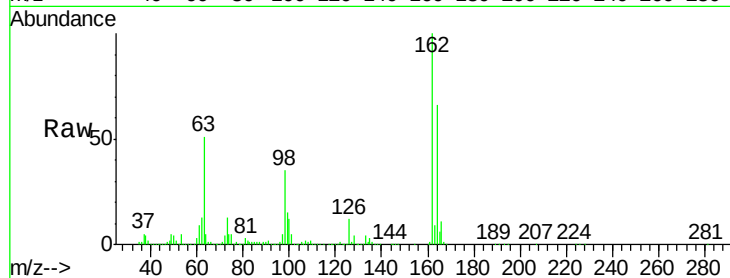
#29
 2,4-Dichlorophenol
 Concen: 74.187 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF118588.D
 Acq: 20 Jan 2020 13:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	44.3	84.3
98	35.3	17.5	57.5

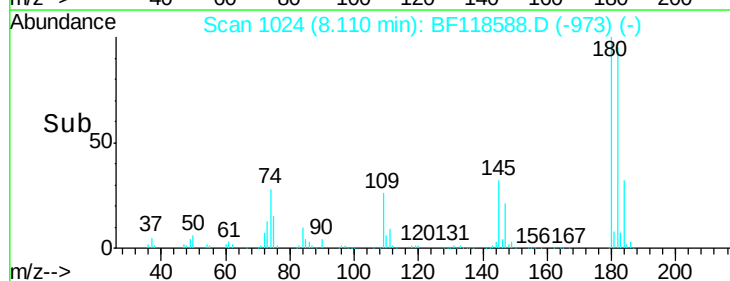
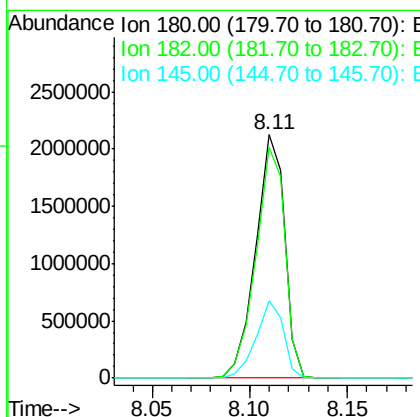
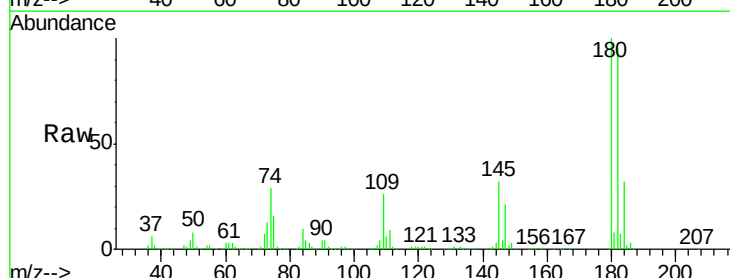
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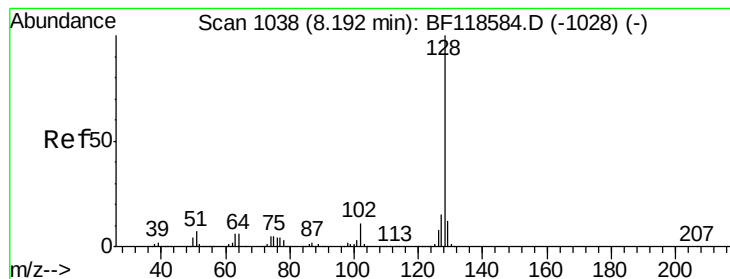
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 70.434 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF118588.D
 Acq: 20 Jan 2020 13:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.9	115.3
145	31.7	22.8	34.2





#31

Naphthalene

Concen: 65.169 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:128 Resp: 5313864

Ion Ratio Lower Upper

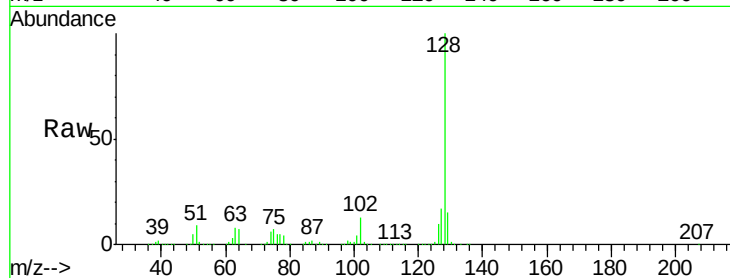
128 100

129 15.1 9.9 14.9#

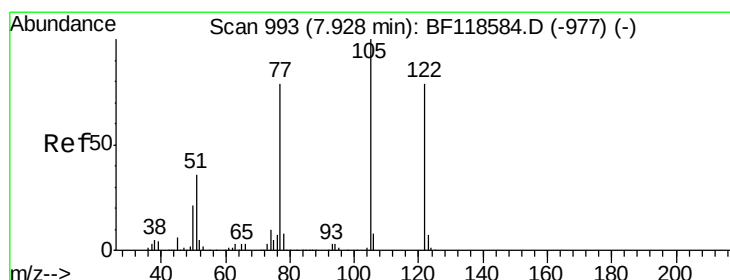
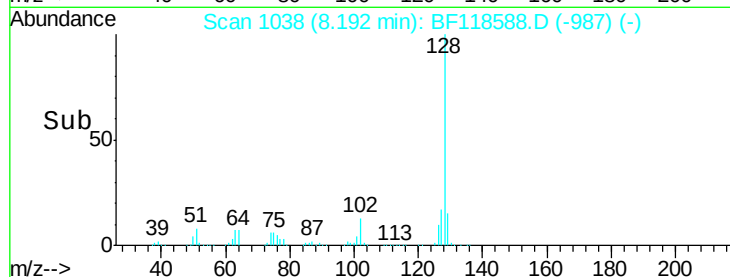
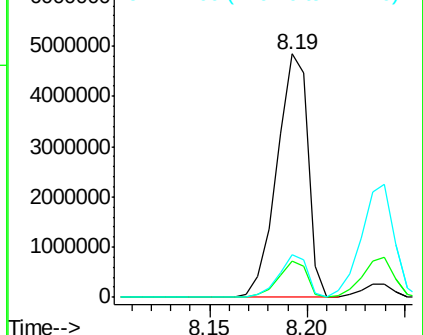
127 17.5 12.0 18.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 104.820 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.05 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

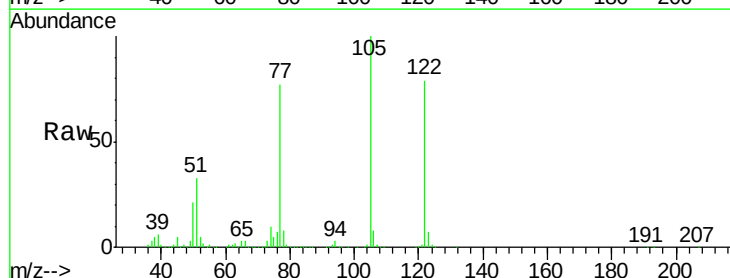
Tgt Ion:122 Resp: 1556124

Ion Ratio Lower Upper

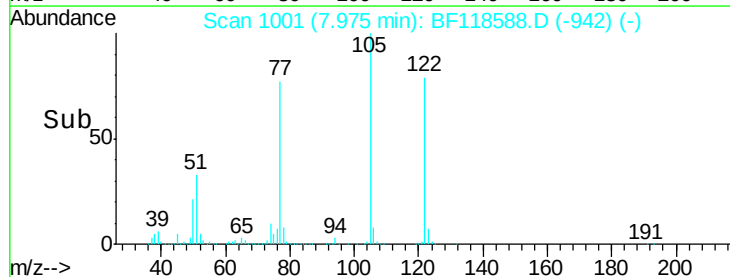
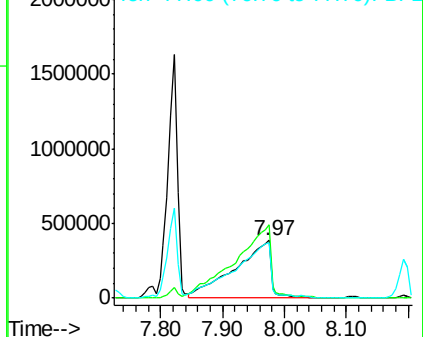
122 100

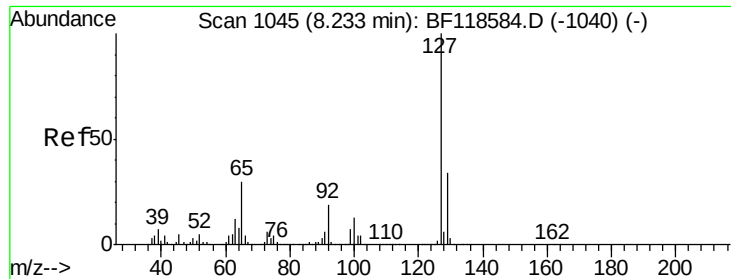
105 126.6 104.3 144.3

77 97.1 79.4 119.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





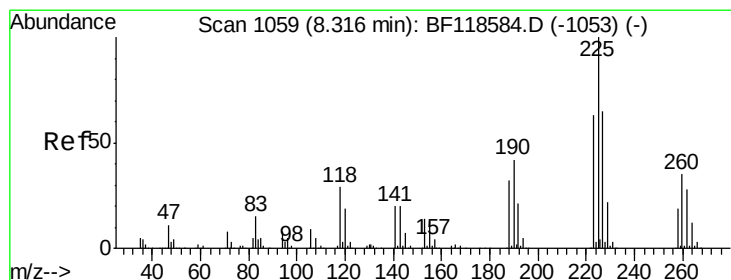
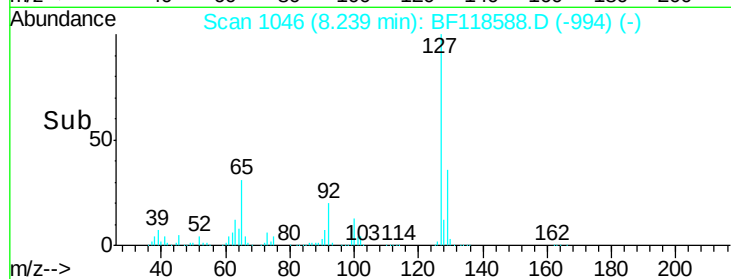
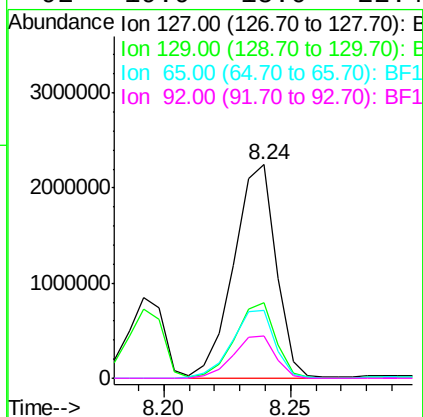
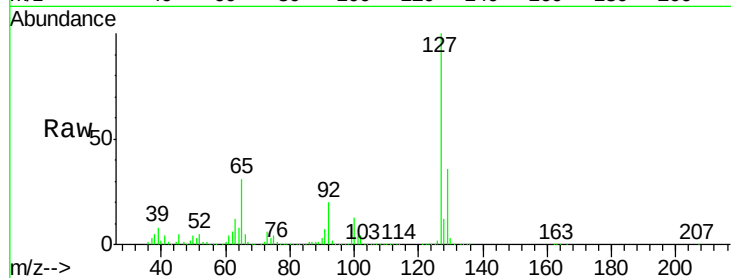
#33
4-Chloroaniline
Concen: 69.169 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	35.6	27.4	41.0	
65	31.5	23.6	35.4	
92	19.9	15.0	22.4	

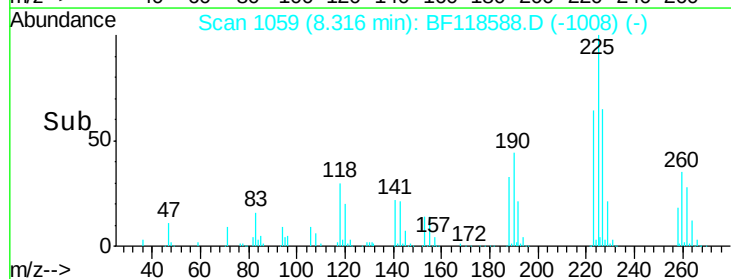
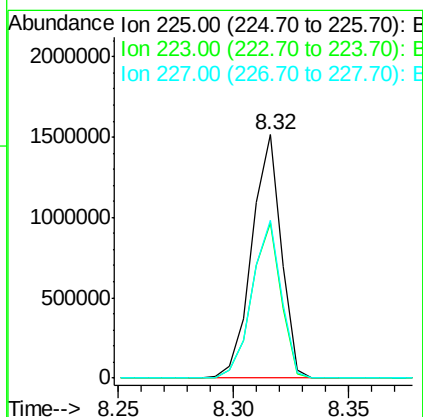
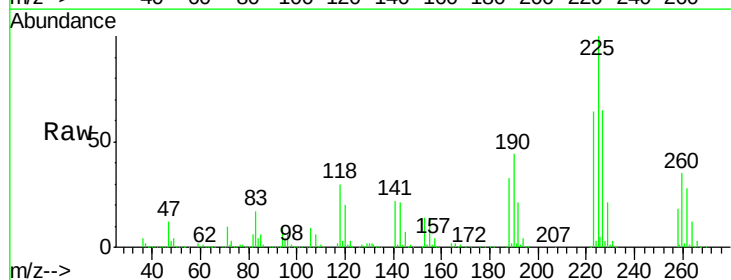
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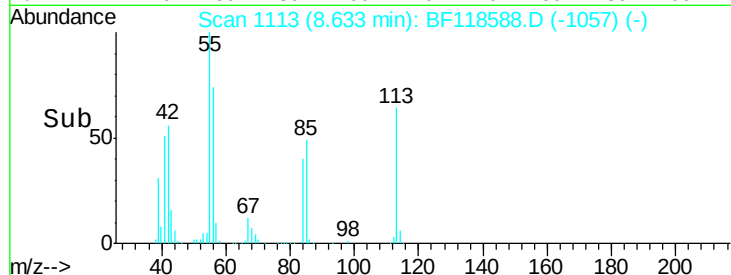
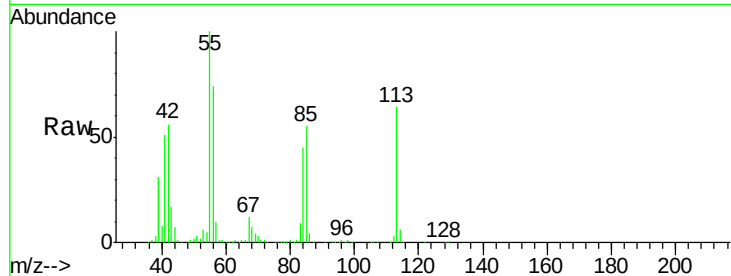
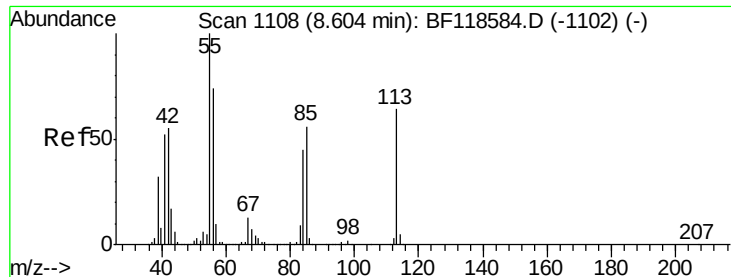
mohammad
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#34
Hexachlorobutadiene
Concen: 69.371 ng
RT: 8.32 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	63.7	50.2	75.4	
227	64.7	52.1	78.1	





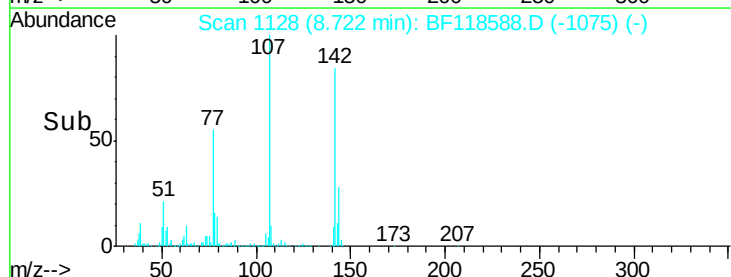
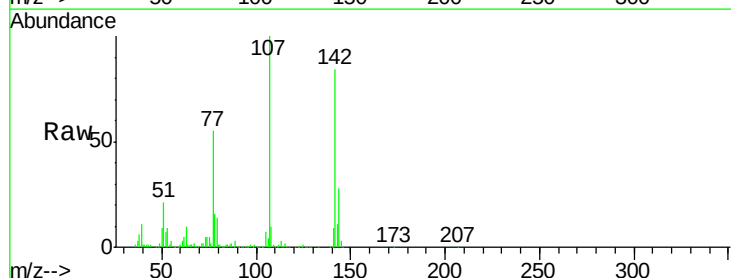
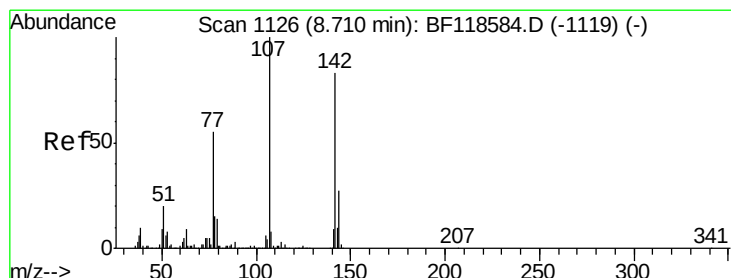
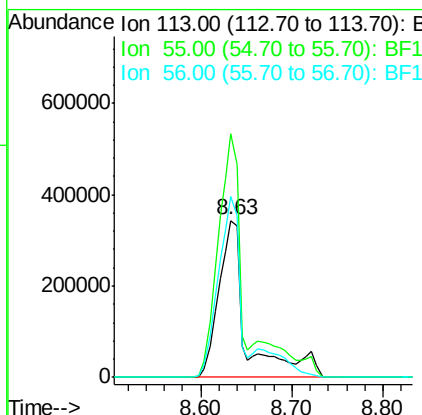
#35
Caprolactam
Concen: 87.248 ng/ml
RT: 8.63 min Scan# 1113
Delta R.T. 0.03 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Tot Ion	Ratio	Resp	Lower	Upper
113	100	721916		
55	155.3	136.1	176.1	
56	115.0	95.2	135.2	

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

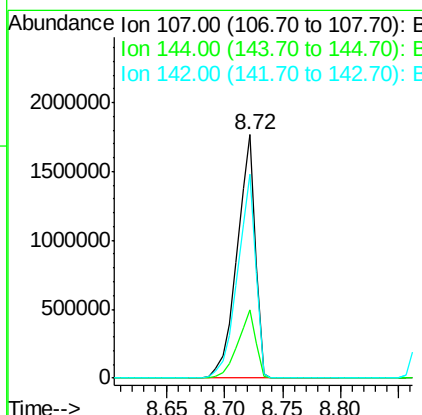
Manual Integrations
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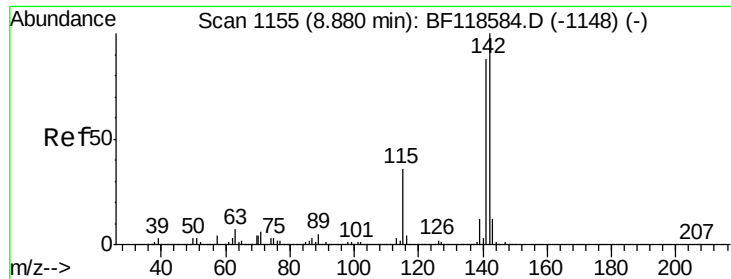
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 73.615 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	1940993		
144	28.1	21.8	32.8	
142	83.8	66.5	99.7	





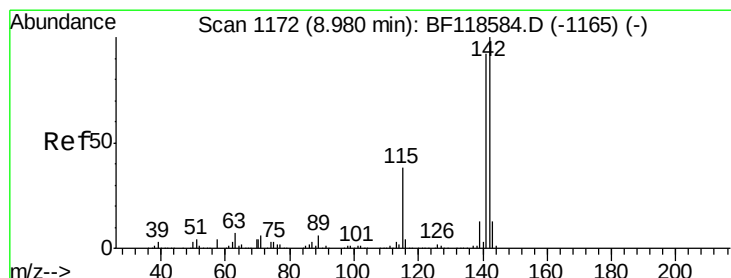
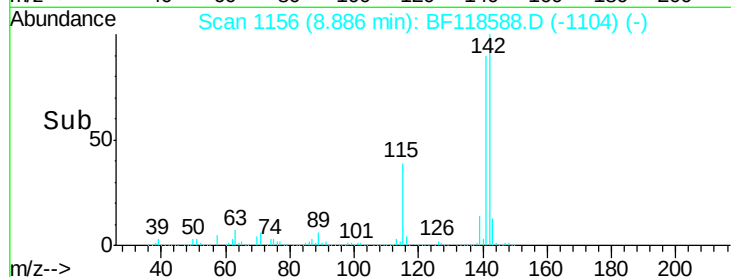
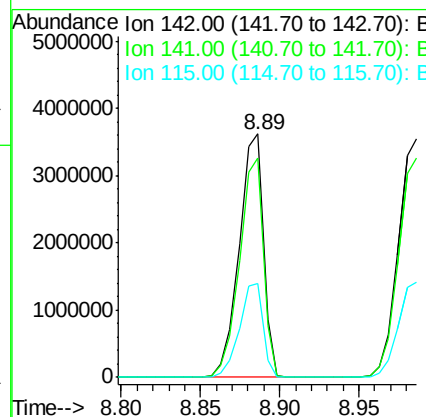
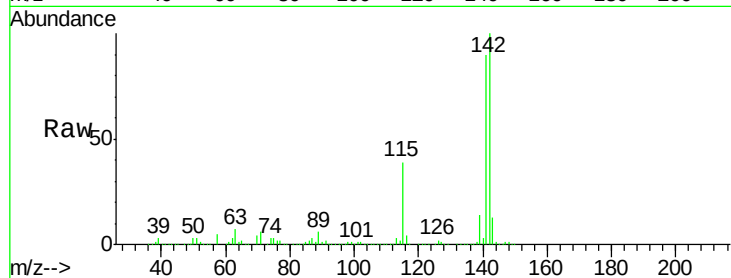
#37
2-Methylnaphthalene
Concen: 66.297 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.7	106.1
115	38.6	28.5	42.7

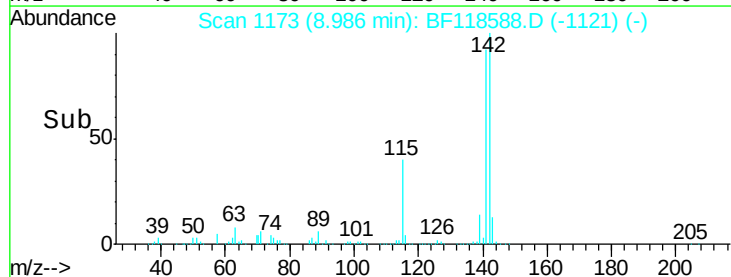
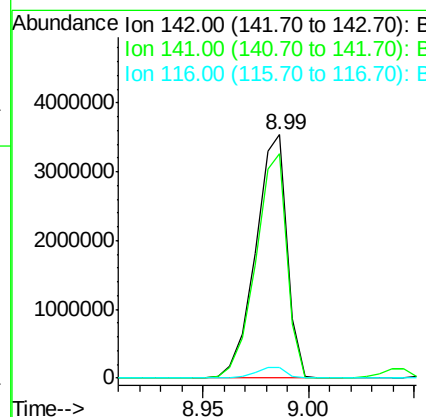
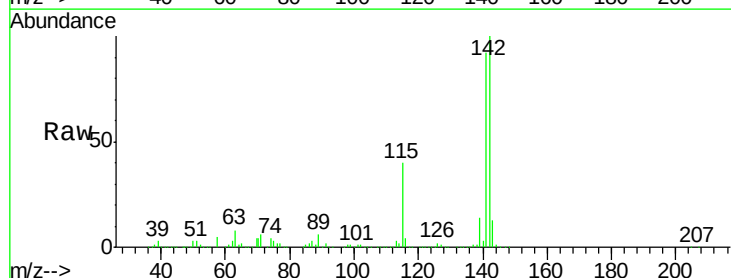
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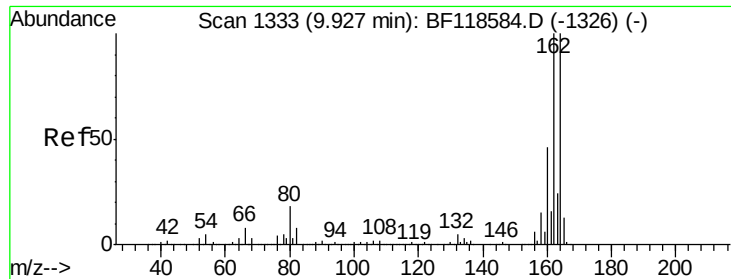
mohammad
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#38
1-Methylnaphthalene
Concen: 67.001 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.4	110.2
116	4.2	3.3	4.9





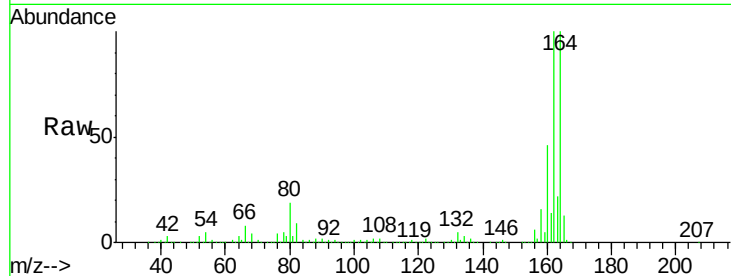
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.4	120.6
160	46.2	36.6	55.0

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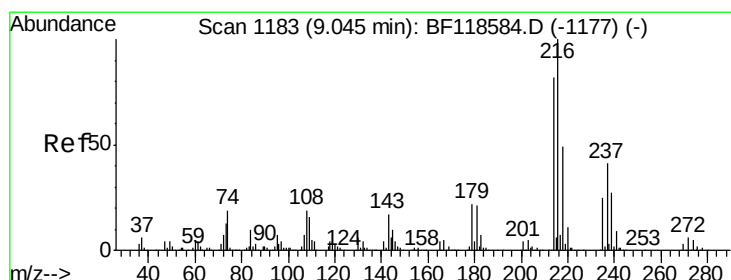
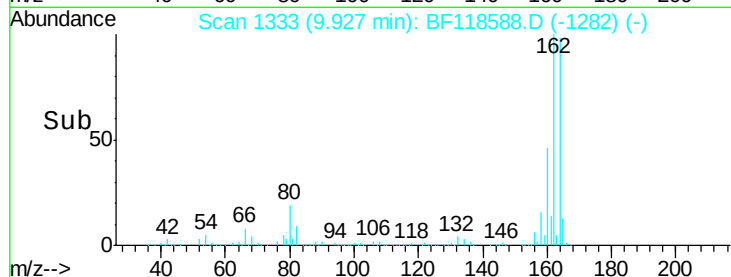
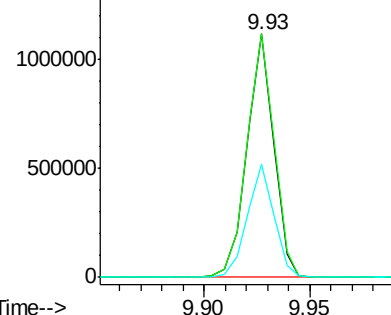


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 69.386 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	64.2	96.2
179	21.1	16.6	25.0
108	17.8	14.4	21.6

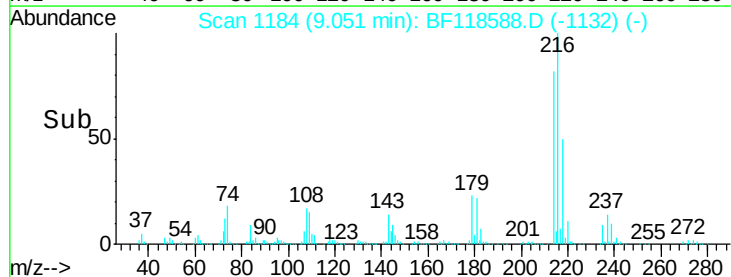
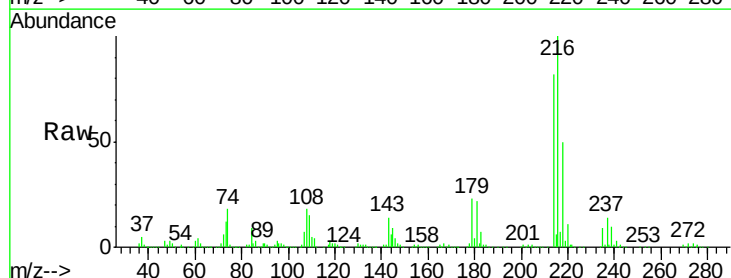
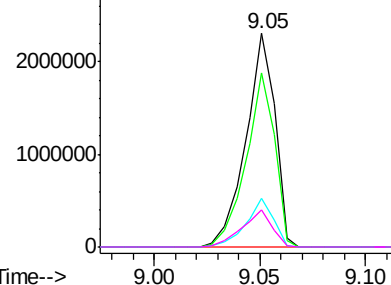
Abundance

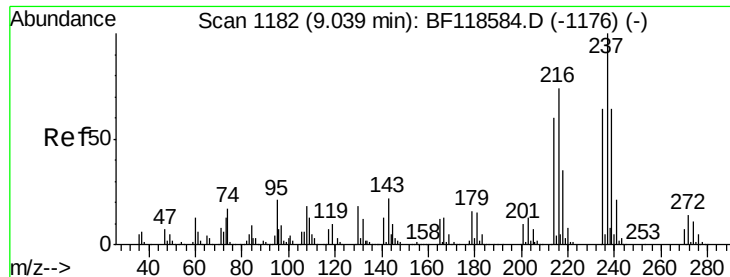
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





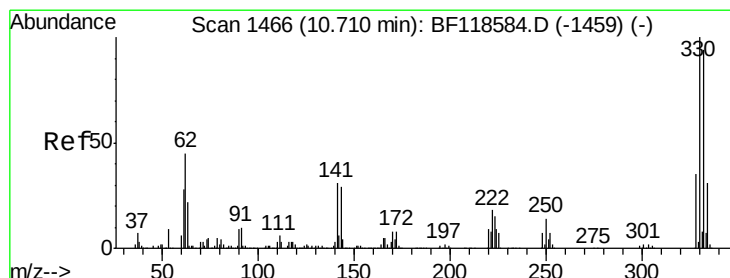
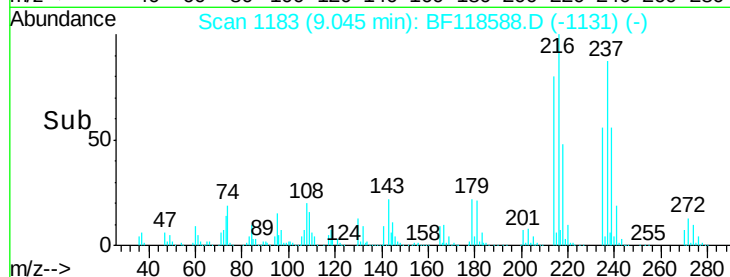
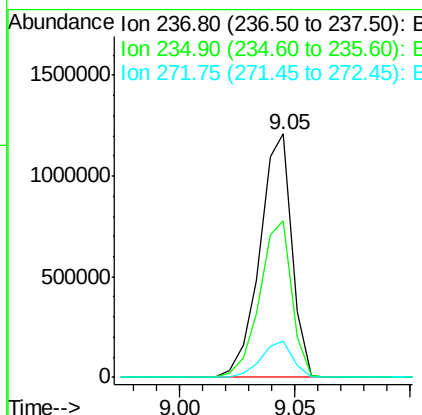
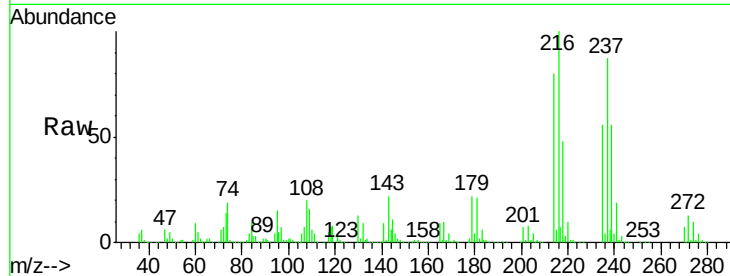
#41
Hexachlorocyclopentadiene
Concen: 70.442 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:237 Resp: 1172799
Ion Ratio Lower Upper
237 100
235 64.2 44.0 84.0
272 15.1 0.0 34.0

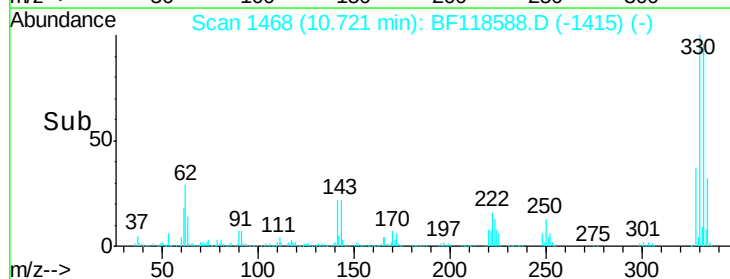
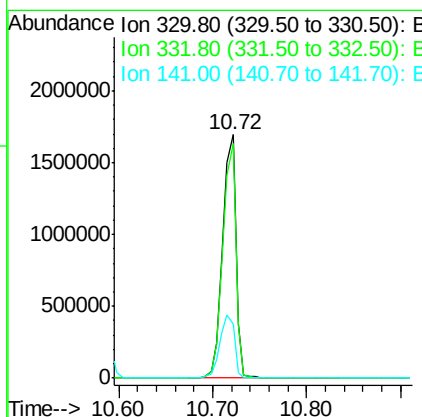
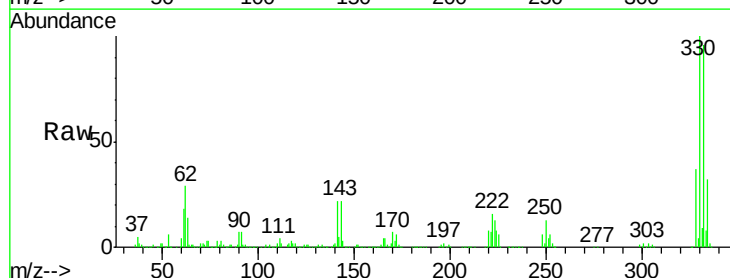
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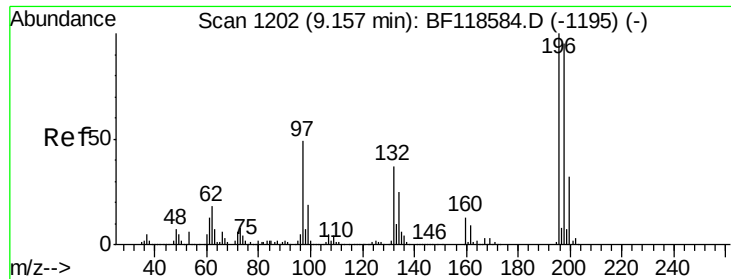
mohammad
1/21/2020 2:25:55 PM



#42
2,4,6-Tribromophenol
Concen: 155.022 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Tgt Ion:330 Resp: 1693069
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 28.3 23.9 35.9





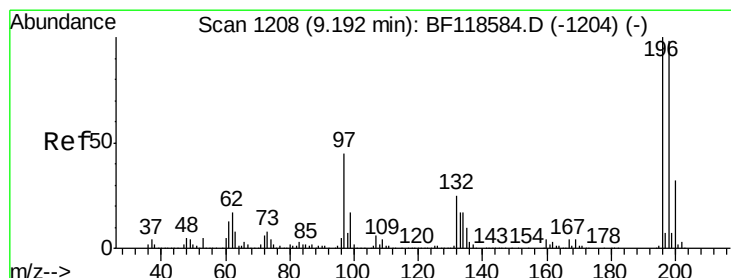
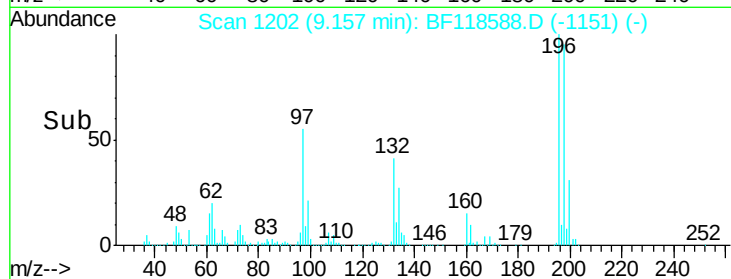
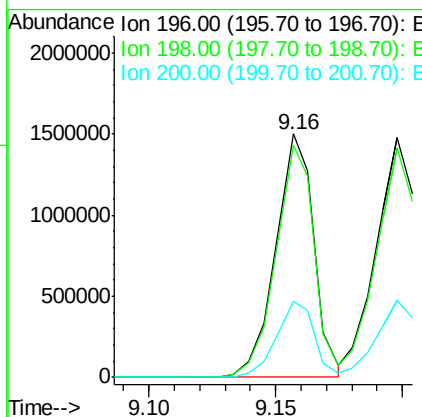
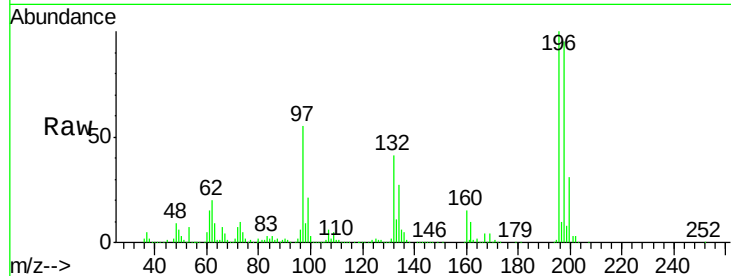
#43
 2,4,6-Trichlorophenol
 Concen: 77.858 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF118588.D
 Acq: 20 Jan 2020 13:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.3	114.5
200	31.3	25.4	38.2

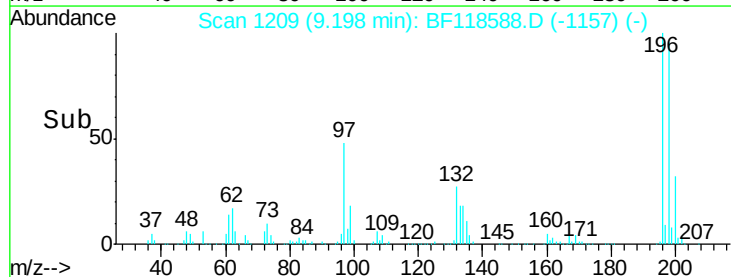
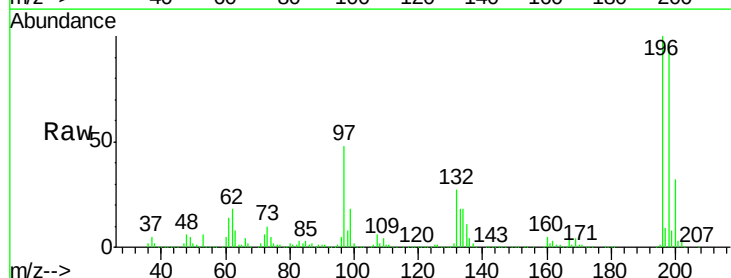
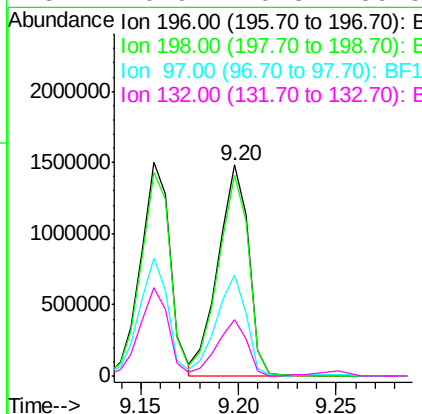
Manual Integrations
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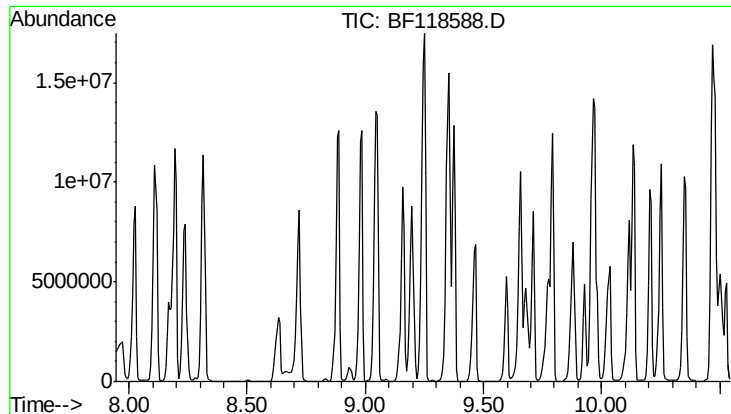
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 78.198 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF118588.D
 Acq: 20 Jan 2020 13:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	78.3	117.5
97	48.2	35.9	53.9
132	26.9	20.3	30.5





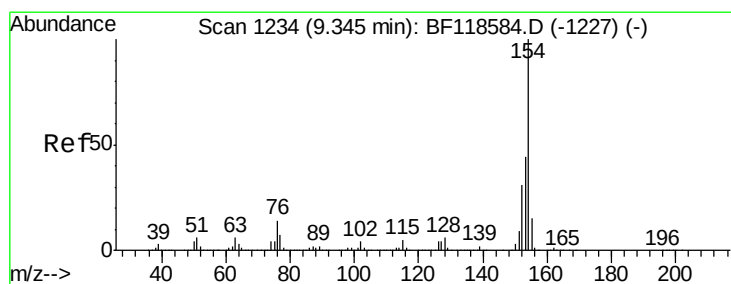
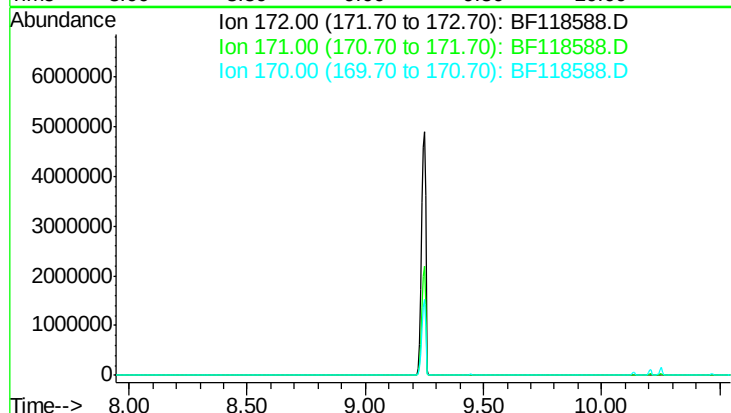
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.25 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion: 172
Sig Exp Ratio
172 100
171 41.8
170 29.0

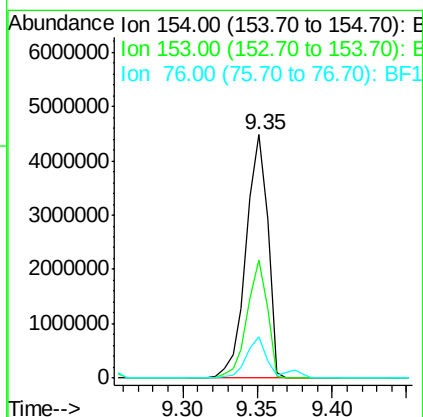
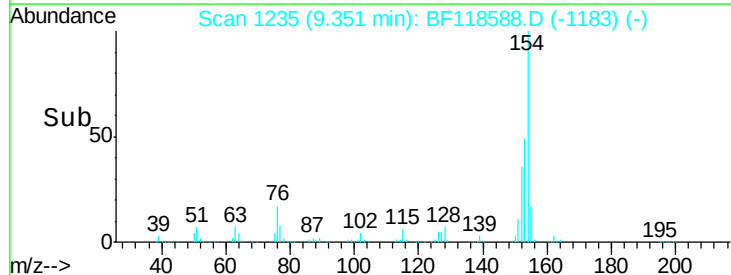
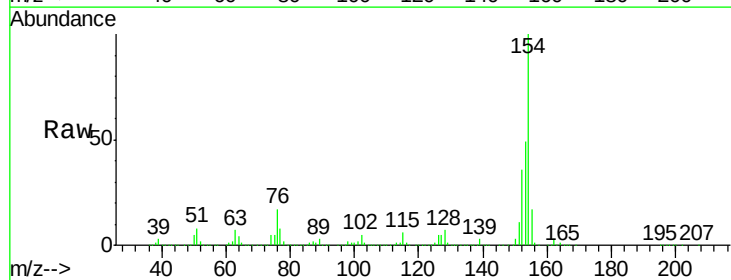
Manual Integrations
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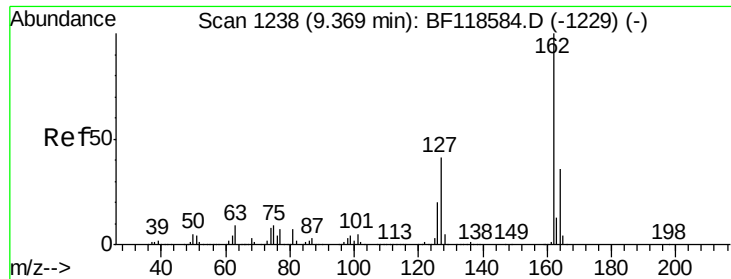
mohammad
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#46
1,1'-Biphenyl
Concen: 63.866 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Tgt Ion:154 Resp: 4508473
Ion Ratio Lower Upper
154 100
153 48.8 23.8 63.8
76 16.7 0.0 34.3





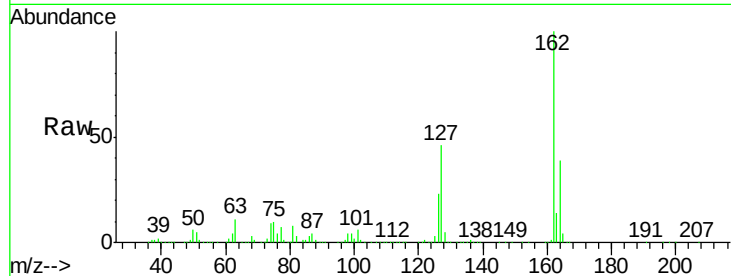
#47
 2-Chloronaphthalene
 Concen: 67.574 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: BF118588.D
 Acq: 20 Jan 2020 13:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

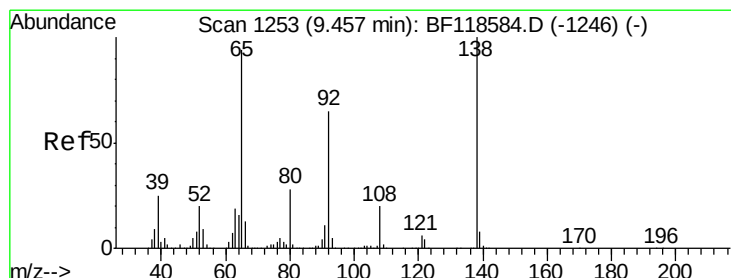
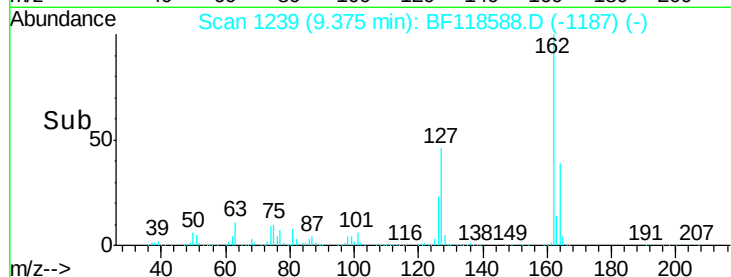
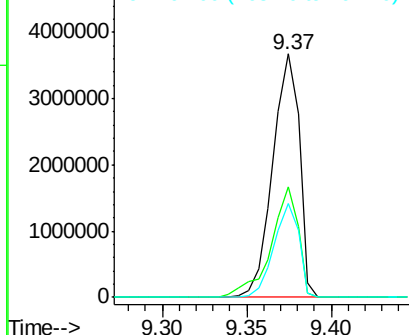
Tot Ion	Ratio	Lower	Upper
162	100		
127	45.6	33.0	49.6
164	38.5	28.6	42.8

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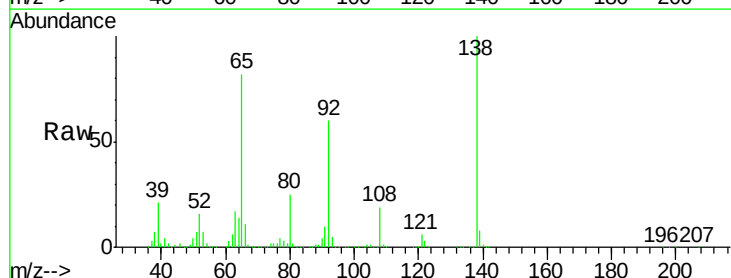


Abundance Ion 162.00 (161.70 to 162.70): E
 5000000
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

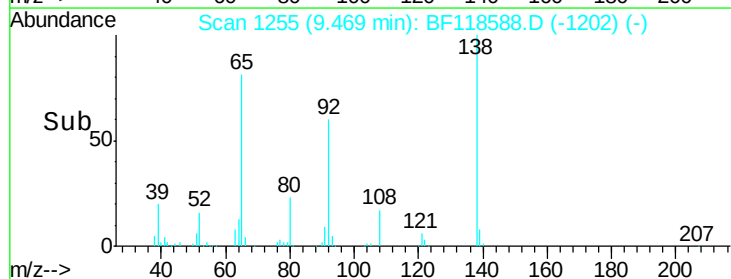
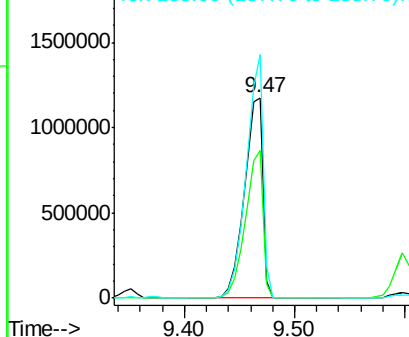


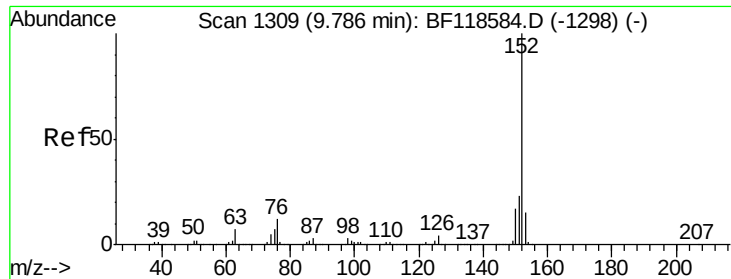
#48
 2-Nitroaniline
 Concen: 89.490 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.01 min
 Lab File: BF118588.D
 Acq: 20 Jan 2020 13:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	55.4	83.0
138	121.4	85.0	127.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 1500000
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 65.385 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:152 Resp: 5492985

Ion Ratio Lower Upper

152 100

151 27.0 18.6 27.8

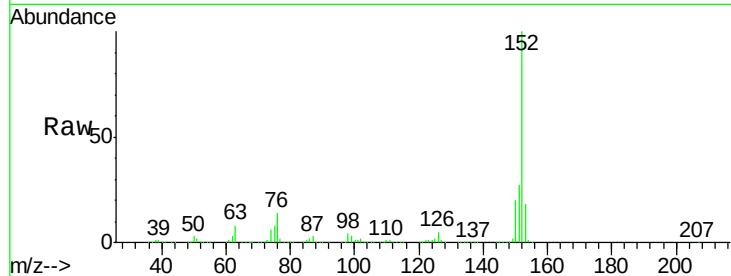
153 18.1 12.2 18.4

Manual Integrations

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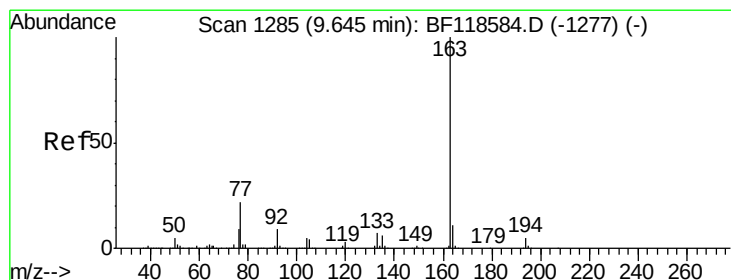
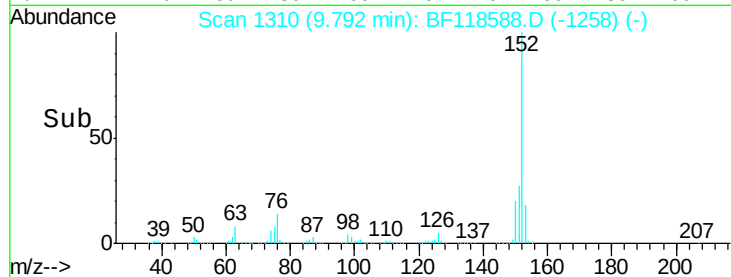
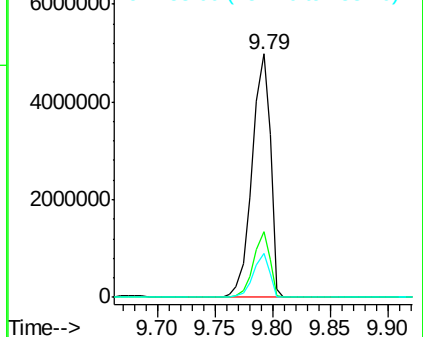
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 68.302 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

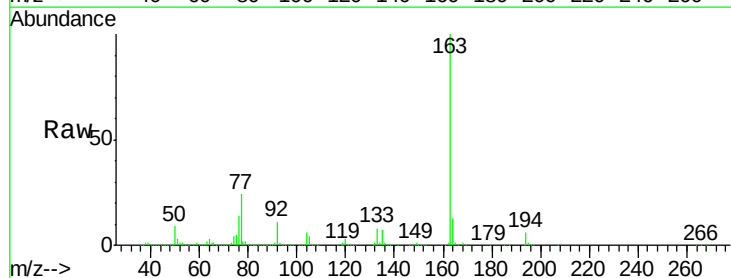
Tgt Ion:163 Resp: 4633040

Ion Ratio Lower Upper

163 100

194 5.6 3.9 5.9

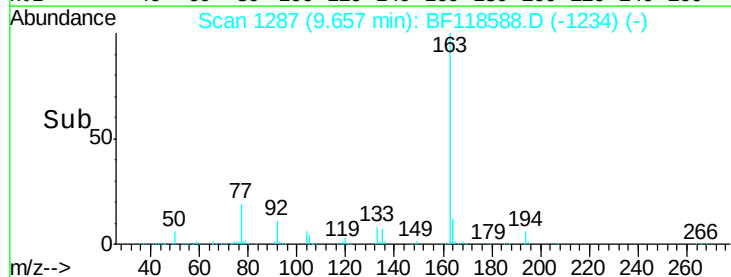
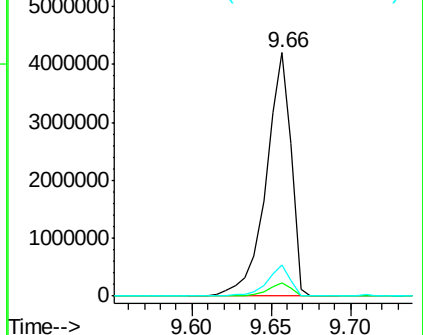
164 12.5 9.1 13.7

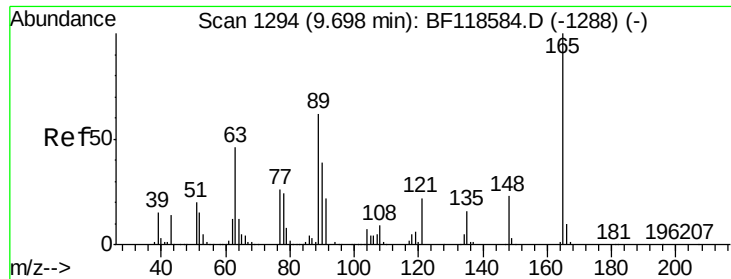


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





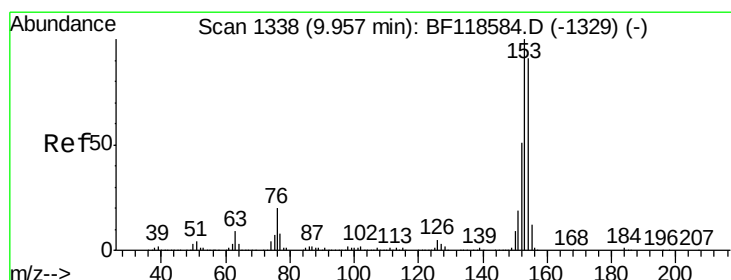
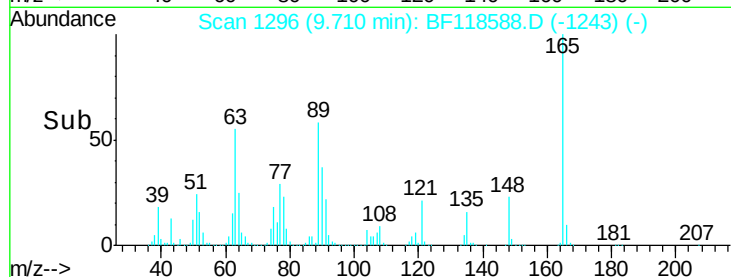
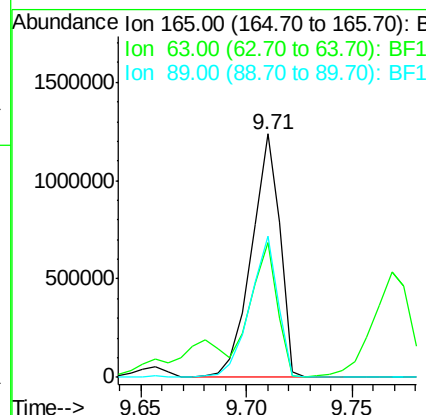
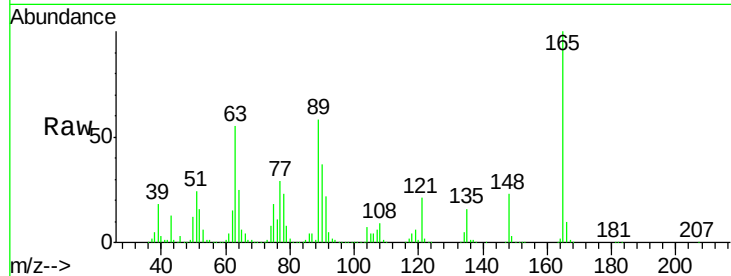
#51
 2,6-Dinitrotoluene
 Concen: 89.567 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF118588.D
 Acq: 20 Jan 2020 13:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.2	48.9	73.3
89	58.2	49.8	74.6

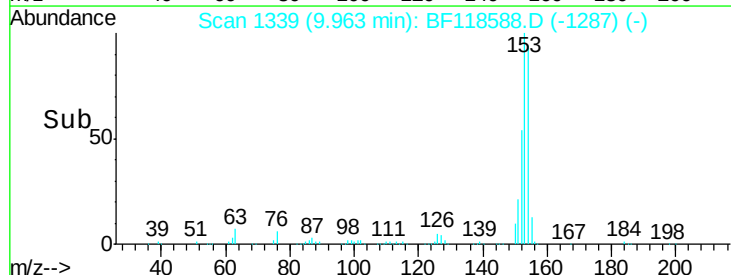
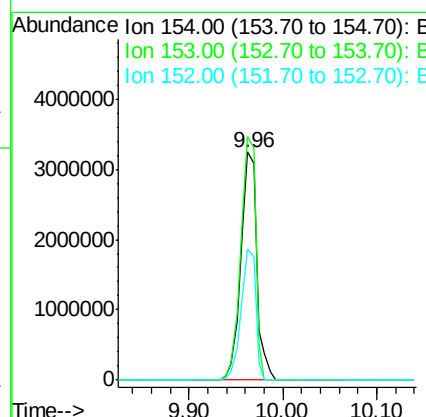
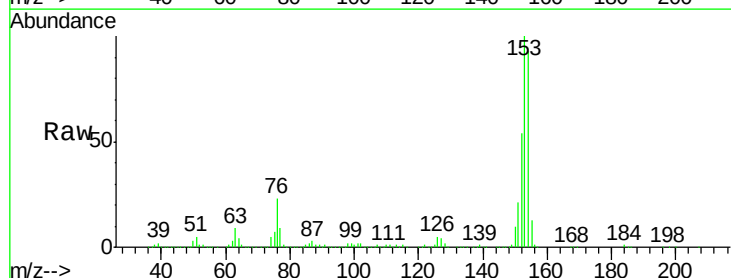
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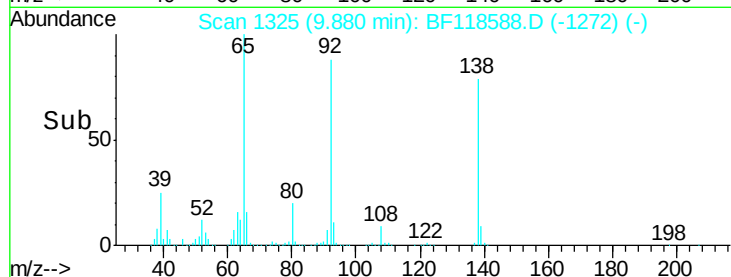
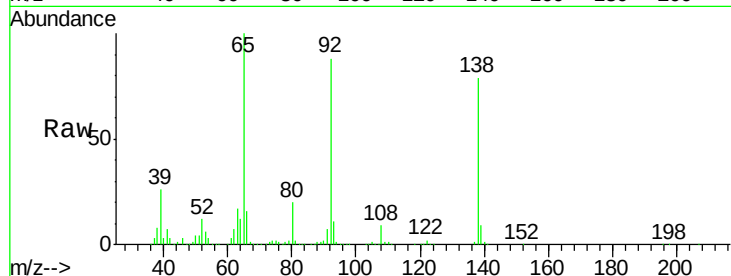
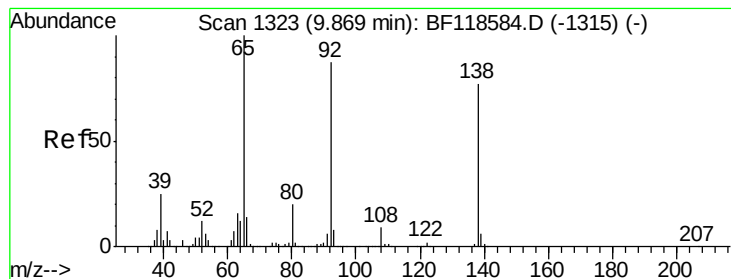
mohammad
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#52
 Acenaphthene
 Concen: 69.322 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF118588.D
 Acq: 20 Jan 2020 13:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	107.0	87.6	131.4
152	57.8	44.4	66.6





#53

3-Nitroaniline

Concen: 88.965 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Tot Ion:138 Resp: 1304347

Ion Ratio Lower Upper

138 100

108 11.1 9.6 14.4

92 111.4 90.6 136.0

Instrument :

BNA_F

ClientSampleId :

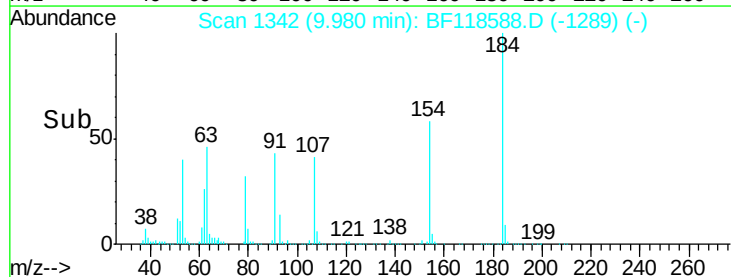
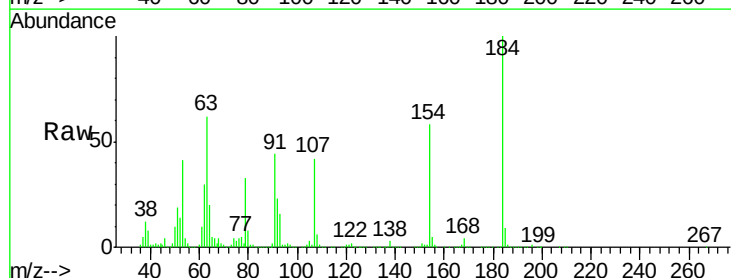
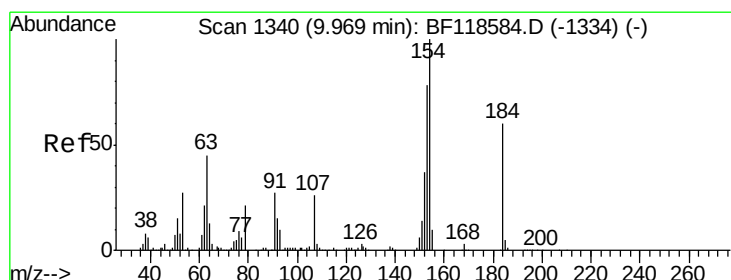
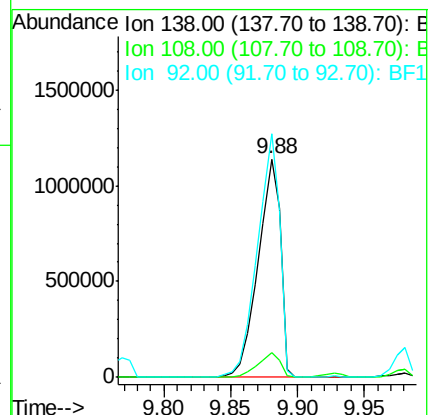
SSTDICC080

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#54

2,4-Dinitrophenol

Concen: 124.045 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

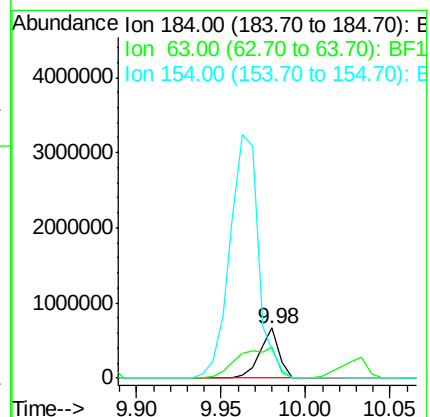
Tgt Ion:184 Resp: 539870

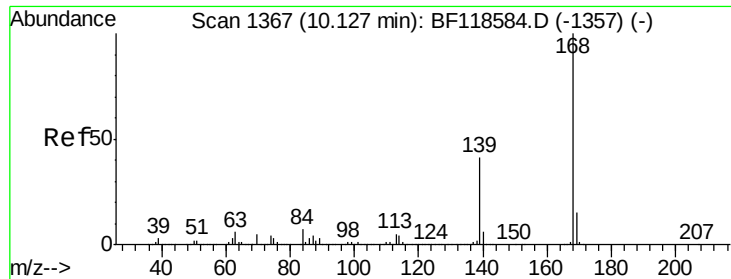
Ion Ratio Lower Upper

184 100

63 61.5 60.6 90.8

154 58.0 137.3 205.9#





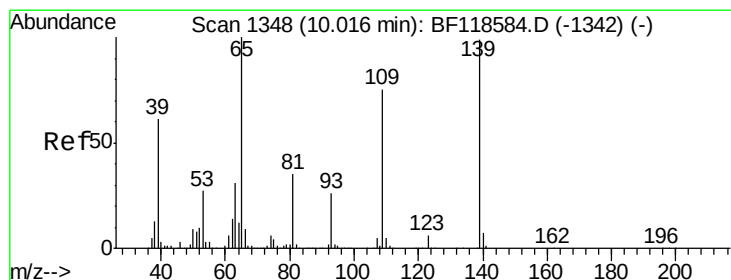
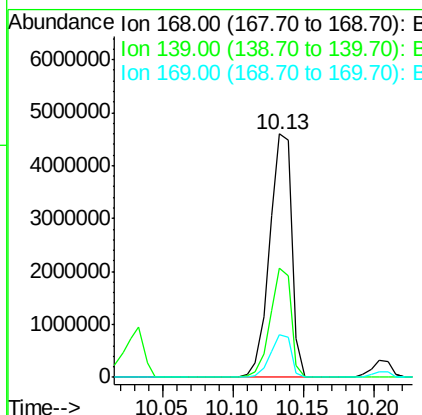
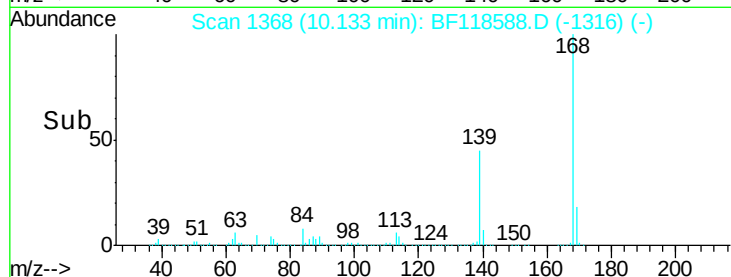
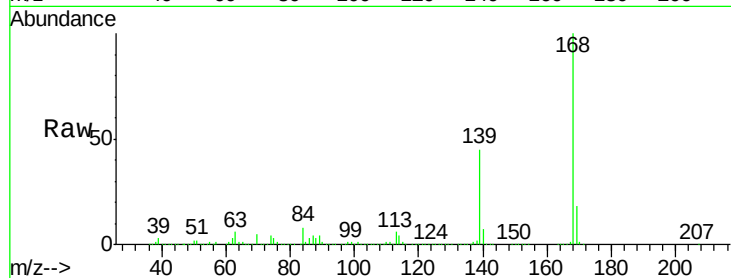
#55
Dibenzofuran
Concen: 65.036 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:168 Resp: 5065167
Ion Ratio Lower Upper
168 100
139 45.0 32.7 49.1
169 17.6 12.2 18.2

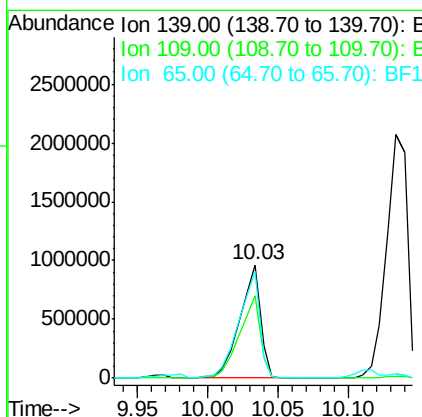
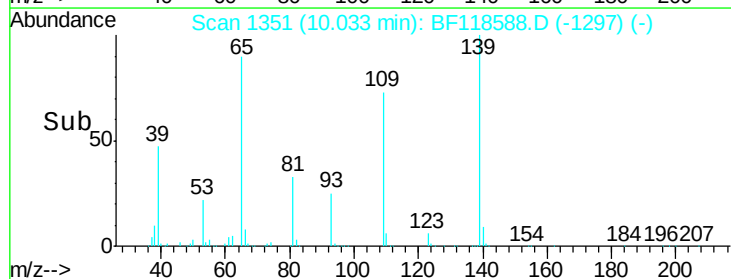
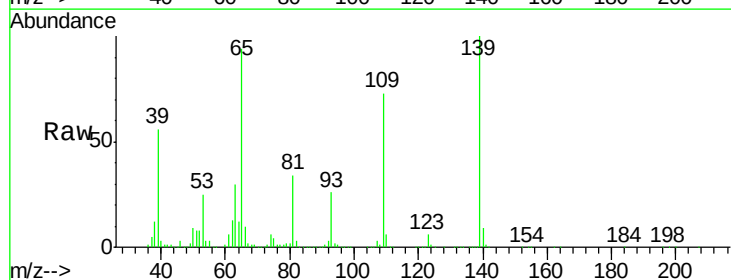
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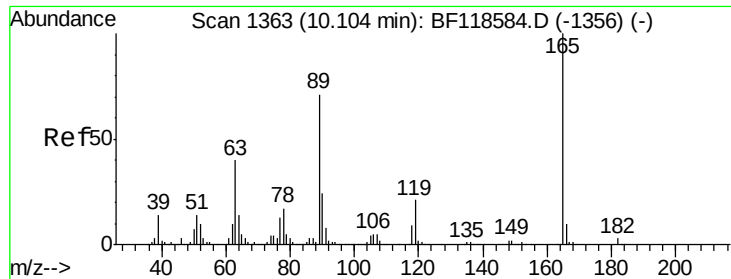
mohammad
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#56
4-Nitrophenol
Concen: 91.010 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.02 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Tgt Ion:139 Resp: 985670
Ion Ratio Lower Upper
139 100
109 72.9 56.0 96.0
65 93.9 81.4 121.4





#57

2,4-Dinitrotoluene

Concen: 94.782 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:165 Resp: 1490663

Ion Ratio Lower Upper

165 100

63 41.3 32.4 48.6

89 69.4 56.4 84.6

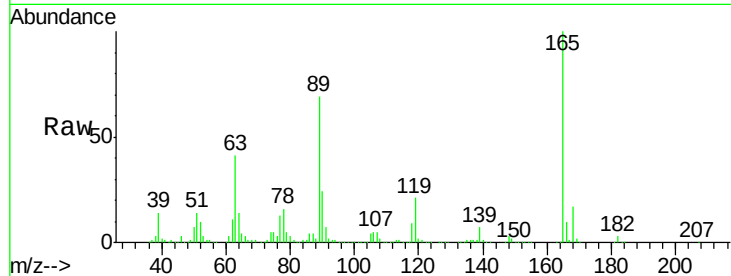
182 3.0 2.3 3.5

Manual Integrations

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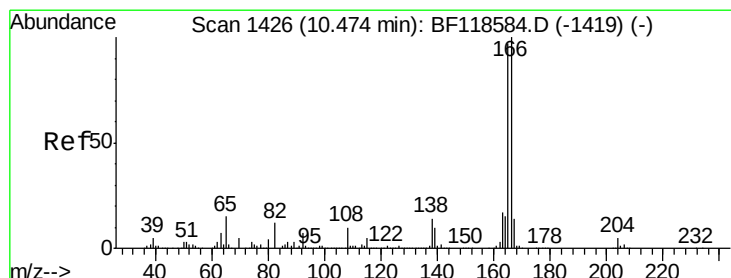
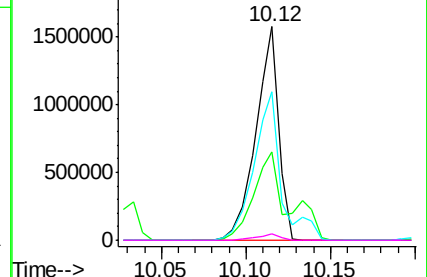
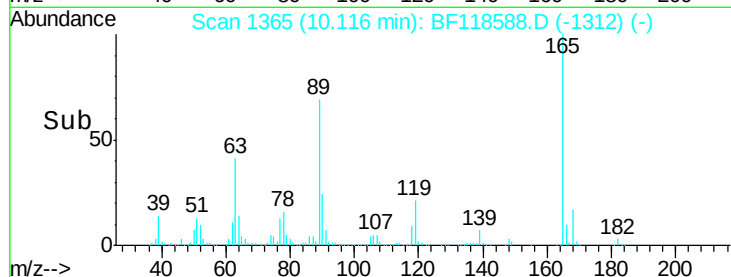
Abundance Ion 165.00 (164.70 to 165.70): E

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

Time-->



#58

Fluorene

Concen: 63.625 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

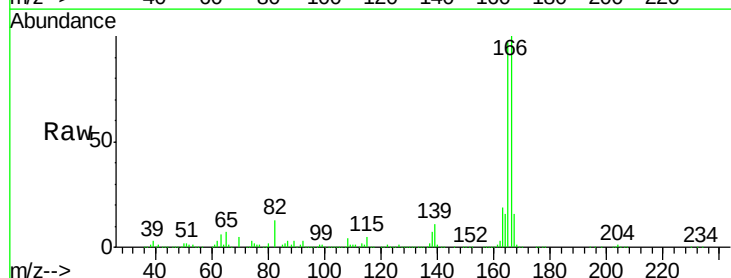
Tgt Ion:166 Resp: 3837221

Ion Ratio Lower Upper

166 100

165 96.9 77.3 115.9

167 15.8 11.5 17.3

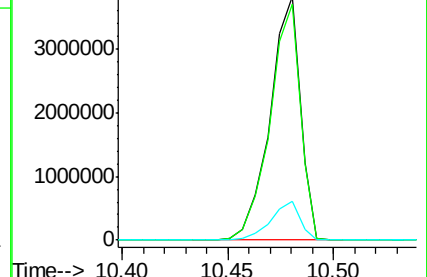
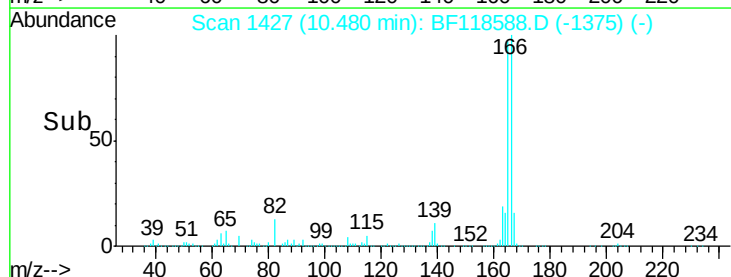


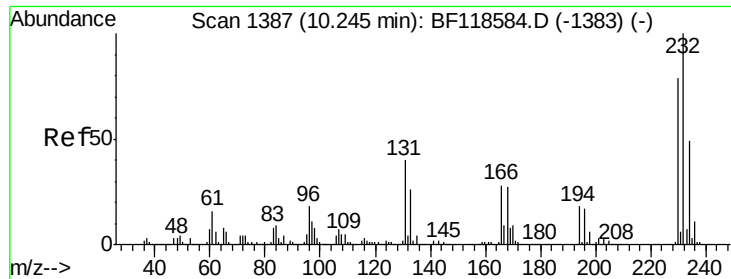
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->





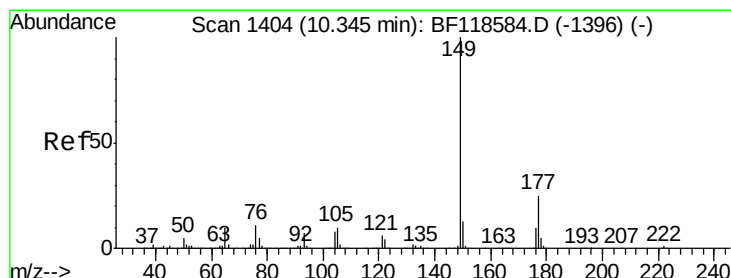
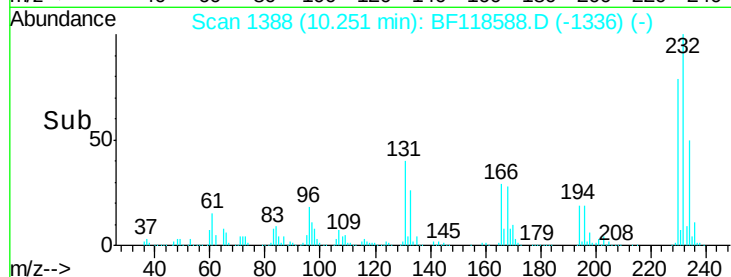
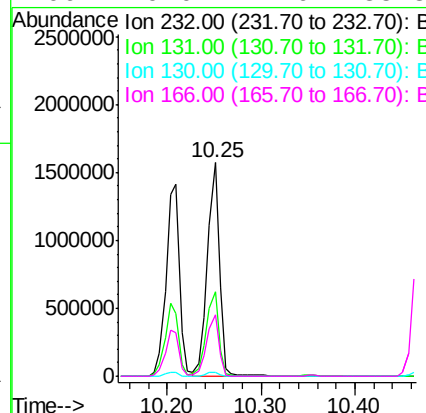
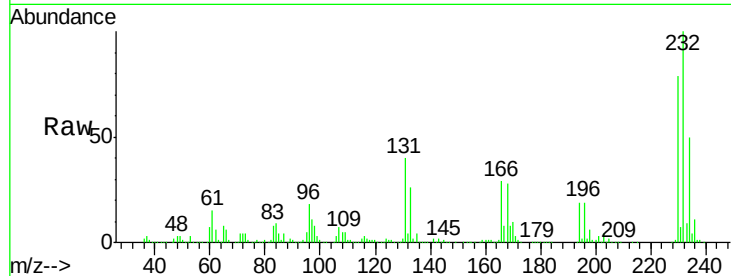
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 80.363 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF118588.D
 Acq: 20 Jan 2020 13:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.2	33.2	49.8
130	2.2	1.8	2.6
166	29.0	22.6	33.8

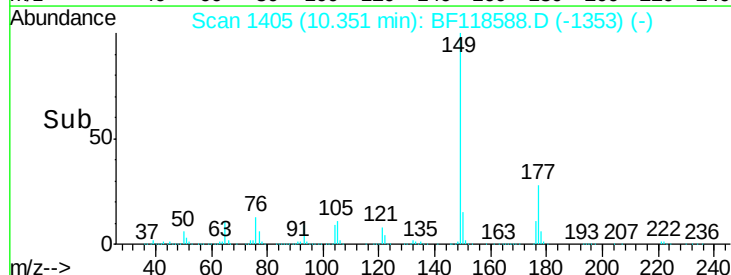
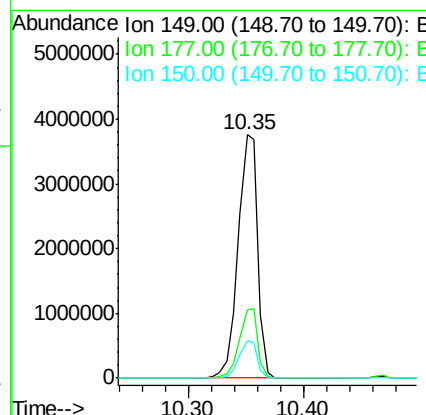
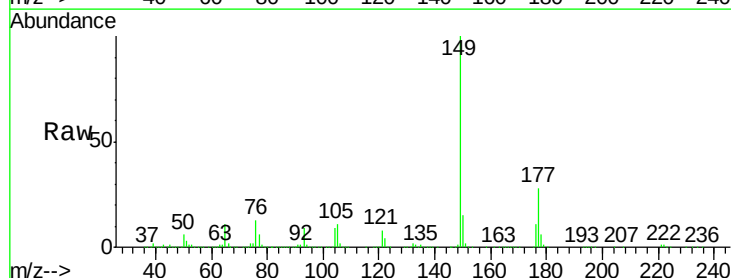
Manual Integrations
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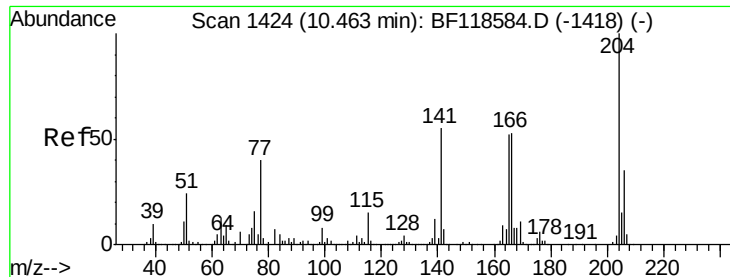
mohammad
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#60
 Diethylphthalate
 Concen: 66.320 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF118588.D
 Acq: 20 Jan 2020 13:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	28.0	20.0	30.0
150	15.3	10.6	16.0





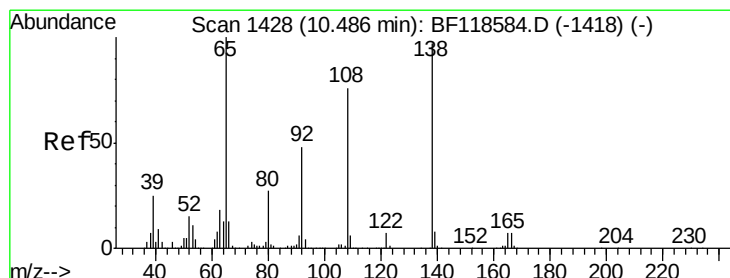
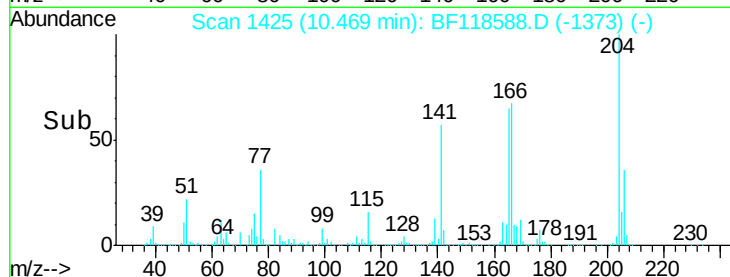
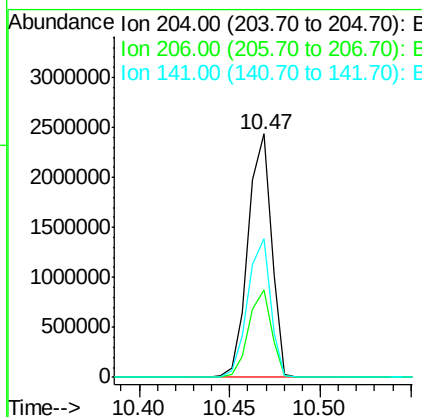
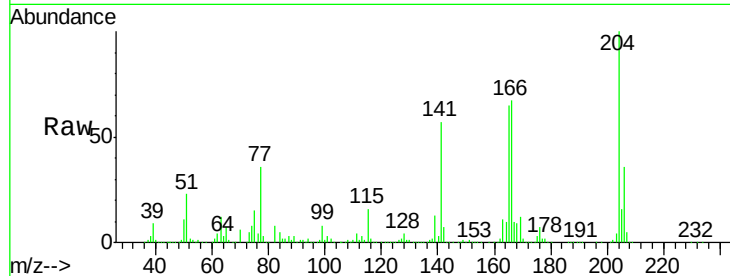
#61
4-Chlorophenyl-phenylether
Concen: 66.290 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:204 Resp: 2187190
Ion Ratio Lower Upper
204 100
206 36.1 27.8 41.6
141 56.8 43.7 65.5

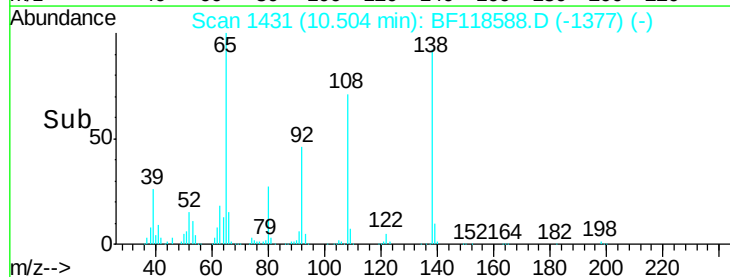
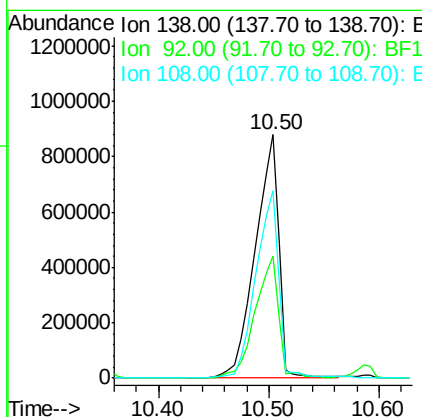
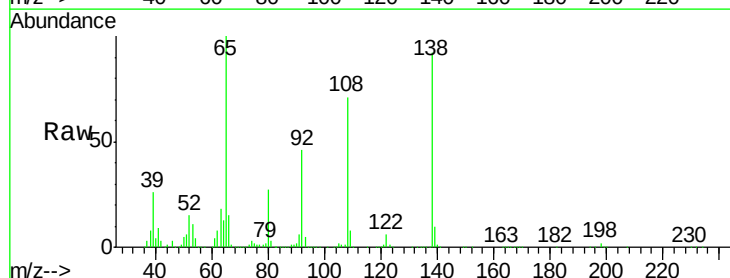
Manual Integrations
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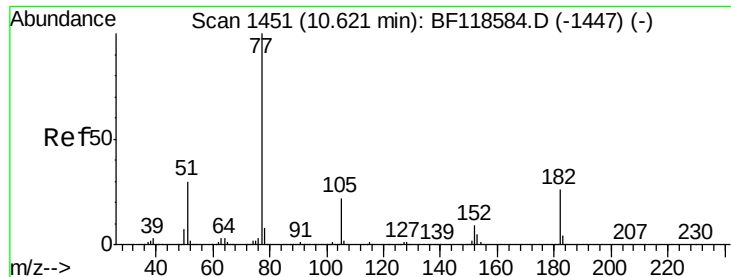
mohammad
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#62
4-Nitroaniline
Concen: 90.601 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.02 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Tgt Ion:138 Resp: 1319298
Ion Ratio Lower Upper
138 100
92 50.2 29.4 69.4
108 77.0 58.2 98.2





#63

Azobenzene

Concen: 65.172 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 4206304

Ion Ratio Lower Upper

77 100

182 32.7 5.6 45.6

105 25.9 2.0 42.0

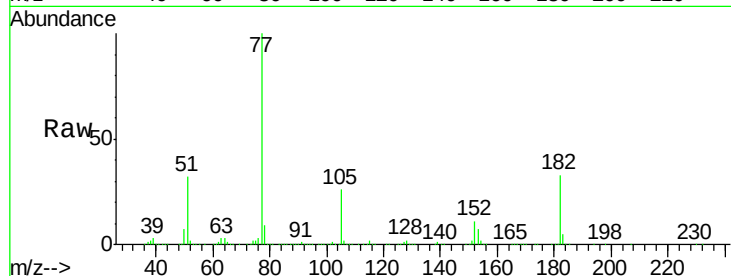
51 32.3 10.2 50.2

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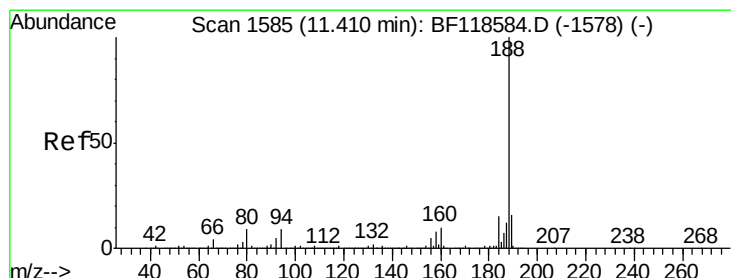
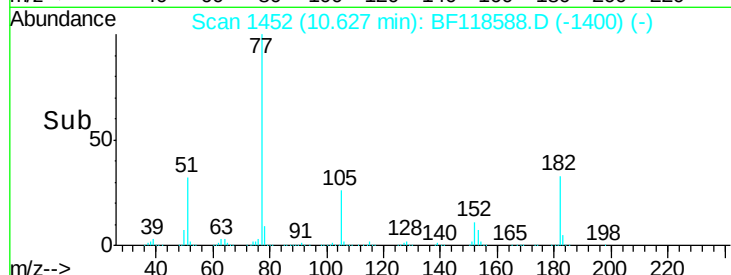
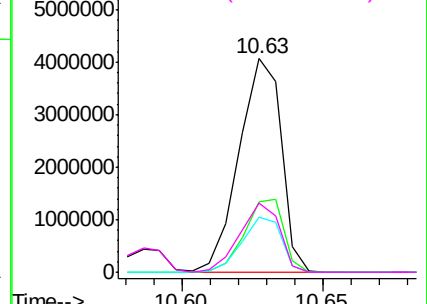
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

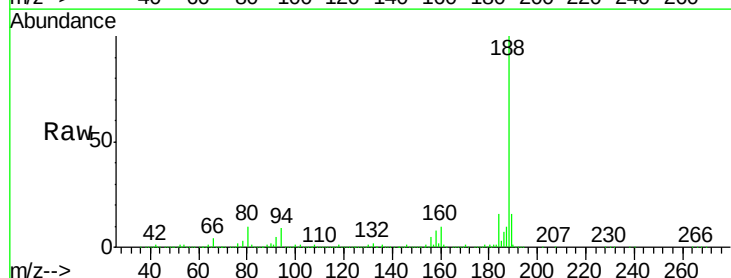
Tgt Ion: 188 Resp: 1801768

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

80 9.9 7.5 11.3

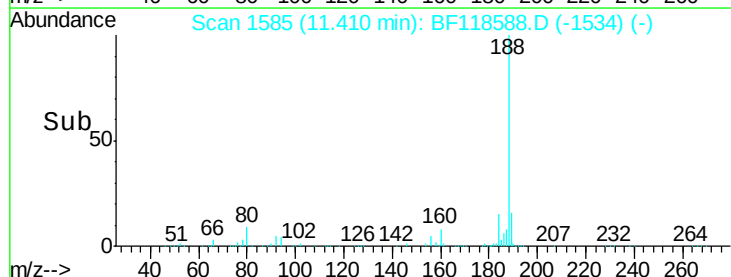
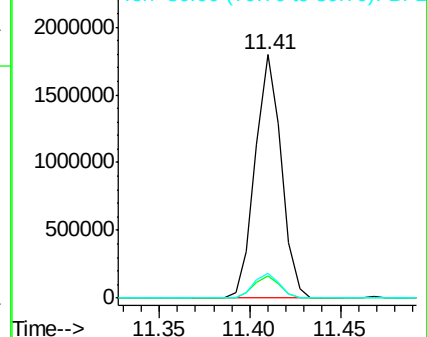


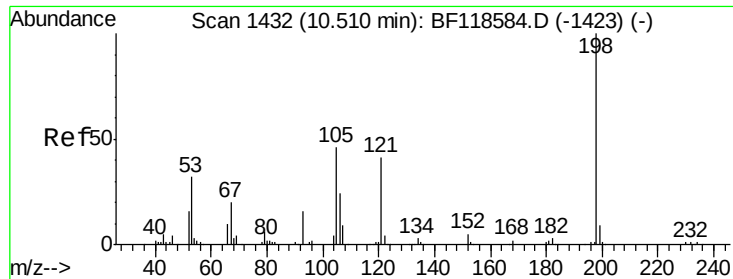
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





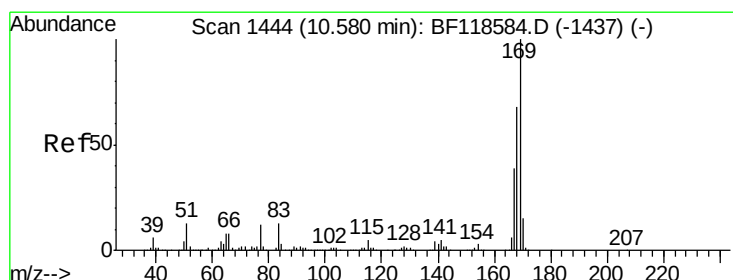
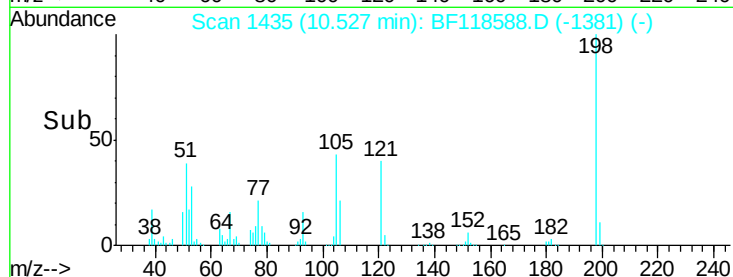
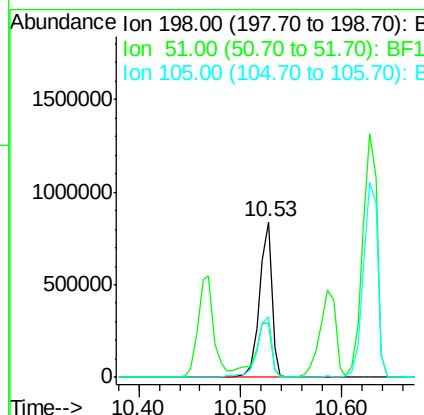
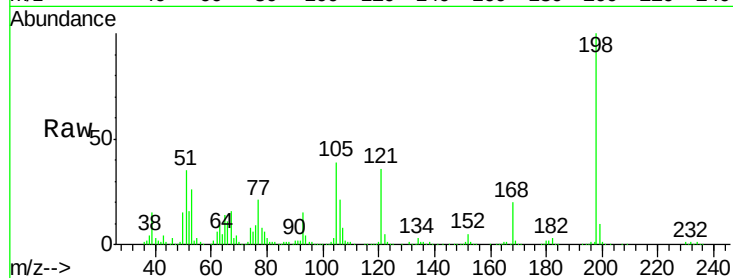
#65
4,6-Dinitro-2-methylphenol
Concen: 110.648 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.02 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
198	100		
51	35.2	25.2	65.2
105	39.3	26.3	66.3

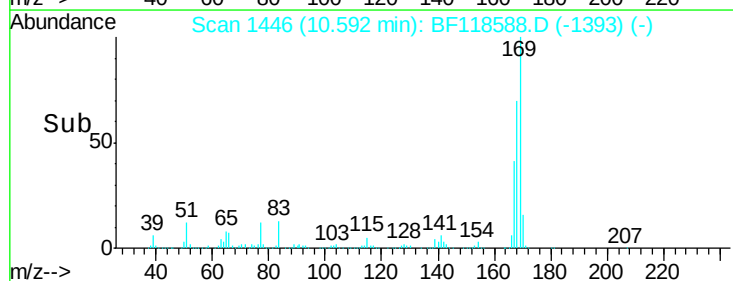
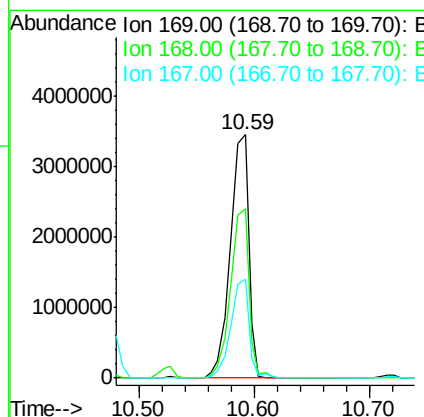
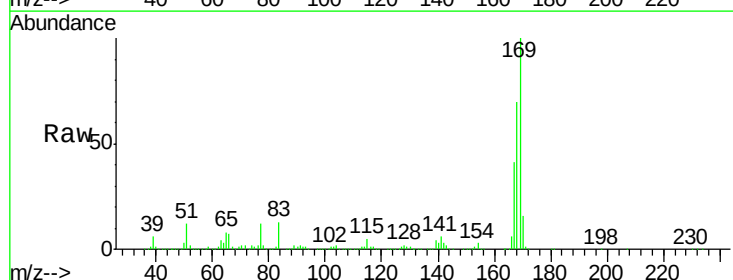
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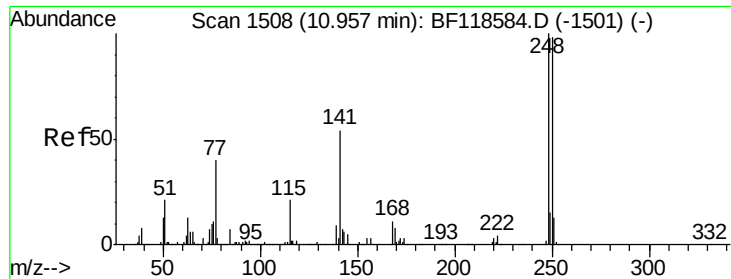
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 66.215 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.7	54.6	82.0
167	40.8	30.9	46.3





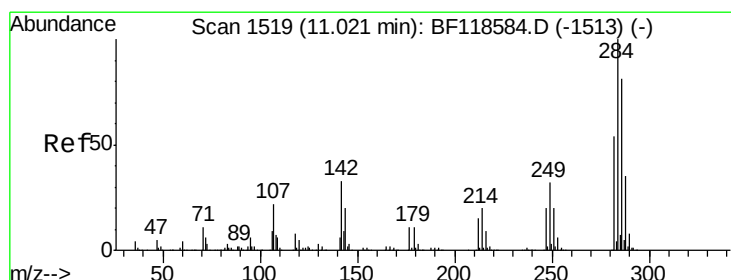
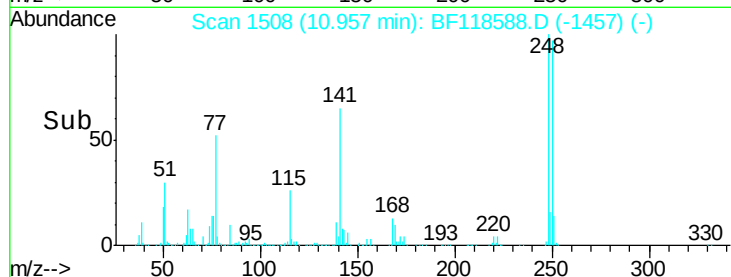
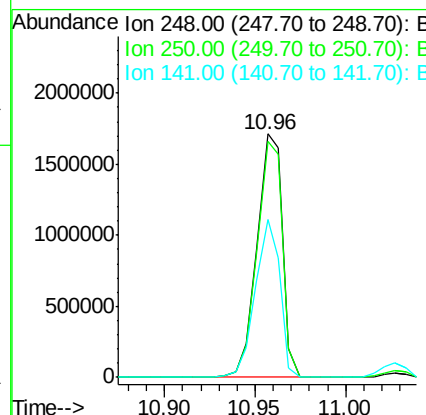
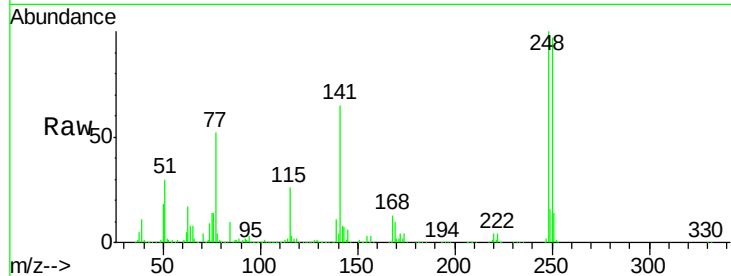
#67
4-Bromophenyl-phenylether
Concen: 69.022 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:248 Resp: 1664726
Ion Ratio Lower Upper
248 100
250 96.8 78.7 118.1
141 64.7 43.2 64.8

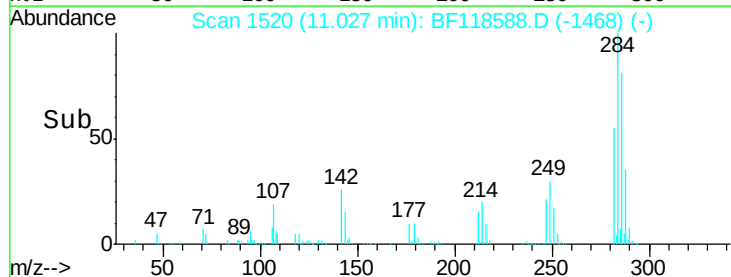
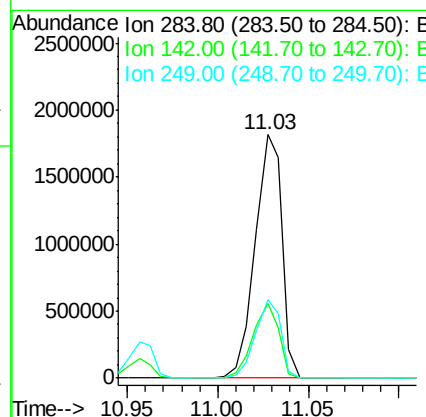
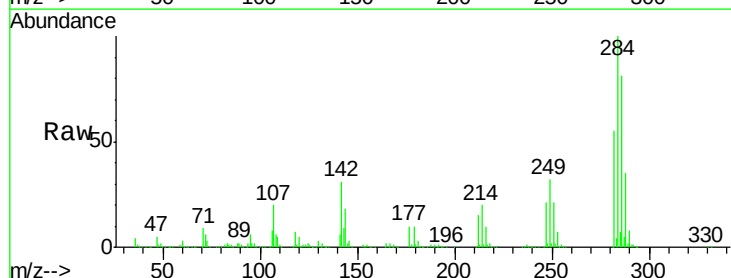
Manual Integrations
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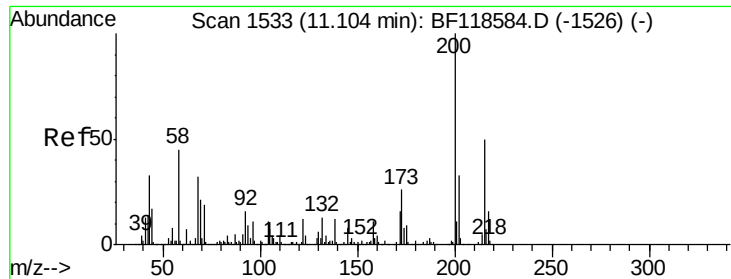
mohammad
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#68
Hexachlorobenzene
Concen: 69.646 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Tgt Ion:284 Resp: 1861442
Ion Ratio Lower Upper
284 100
142 30.6 26.6 39.8
249 32.1 25.2 37.8





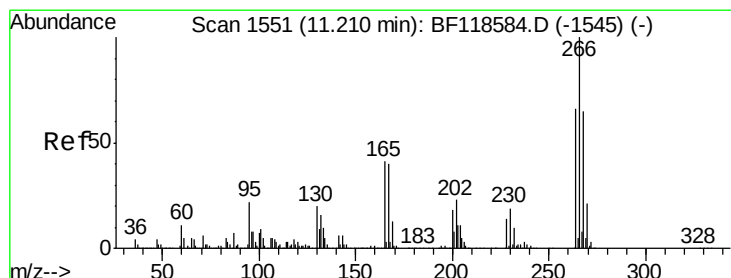
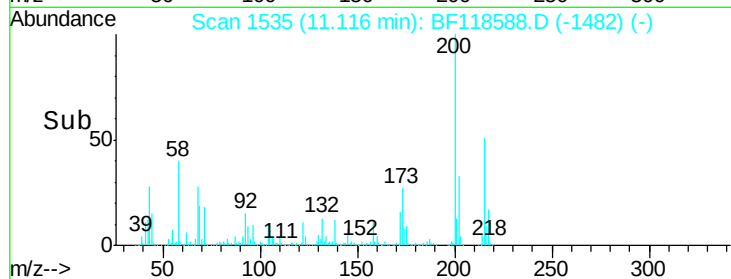
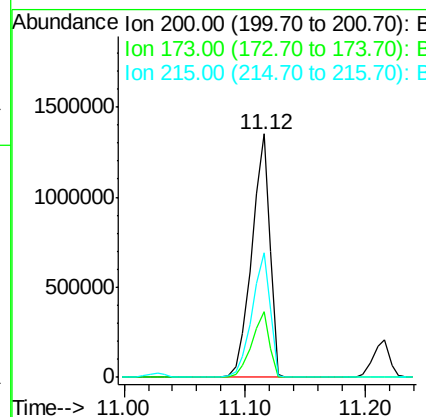
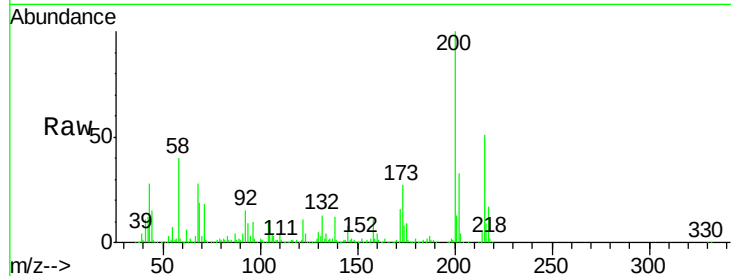
#69
Atrazine
Concen: 84.384 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.3	46.3
215	51.2	30.2	70.2

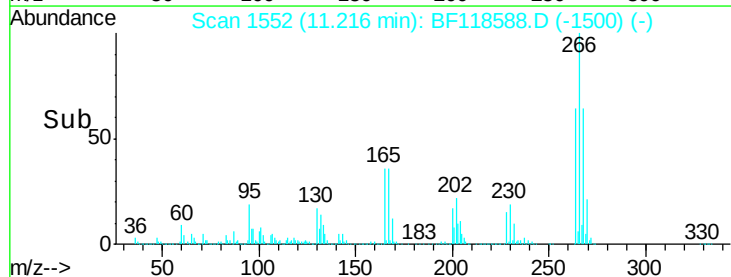
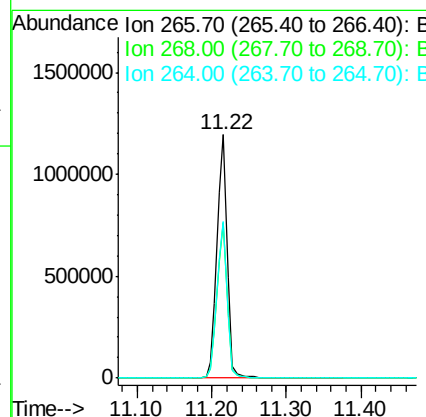
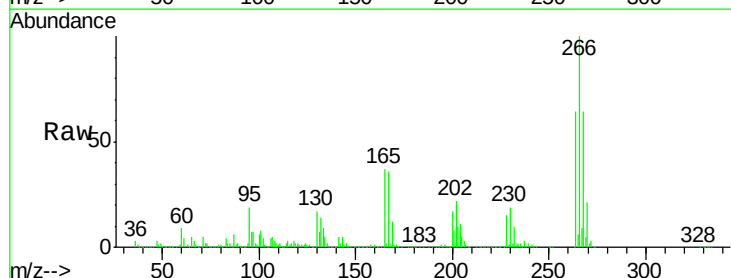
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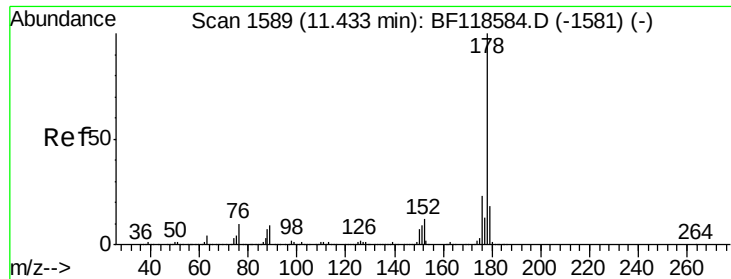
mohammad
1/21/2020 2:25:55 PM



#70
Pentachlorophenol
Concen: 86.814 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.1	78.1
264	64.5	52.4	78.6





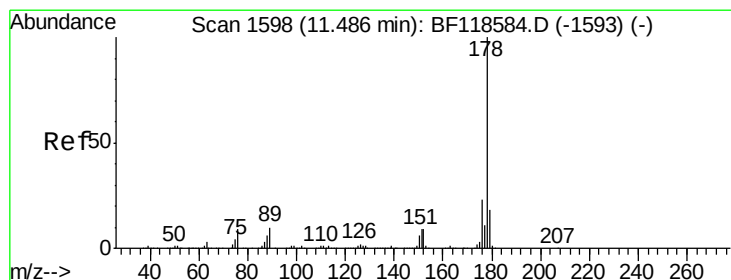
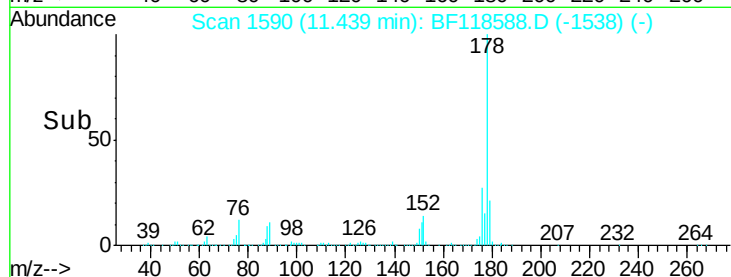
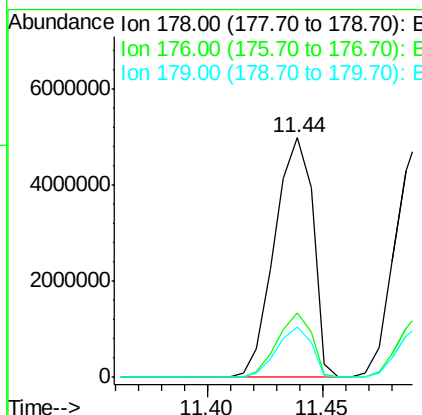
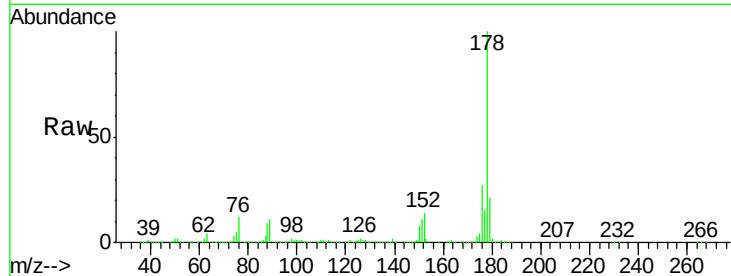
#71
Phenanthrene
Concen: 63.515 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:178 Resp: 5752284
Ion Ratio Lower Upper
178 100
176 26.7 18.6 27.8
179 21.0 14.7 22.1

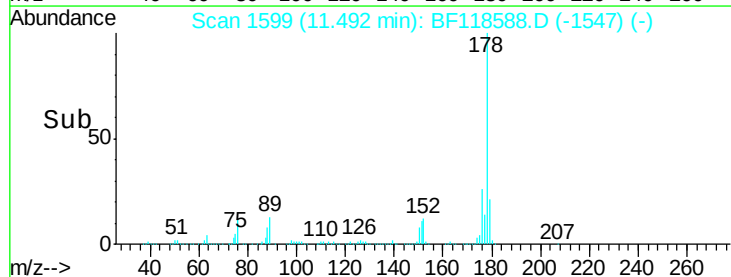
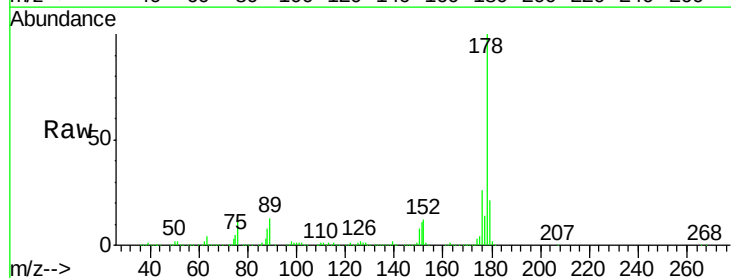
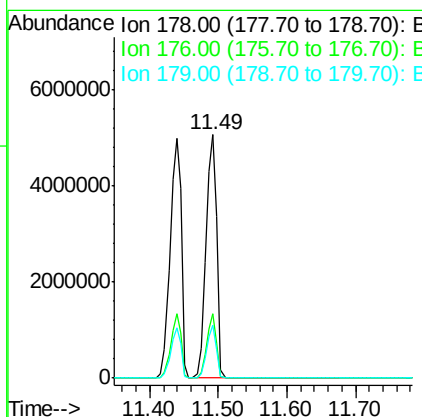
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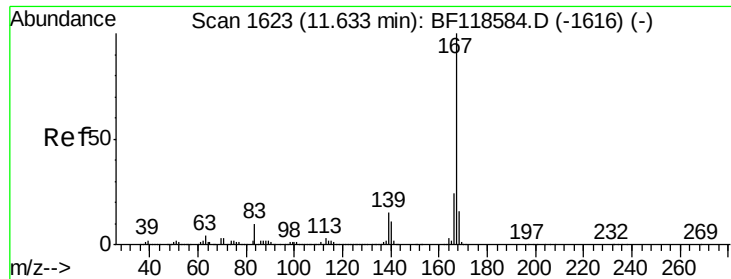
mohammad
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#72
Anthracene
Concen: 62.784 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Tgt Ion:178 Resp: 5673094
Ion Ratio Lower Upper
178 100
176 26.3 18.0 27.0
179 21.5 14.7 22.1





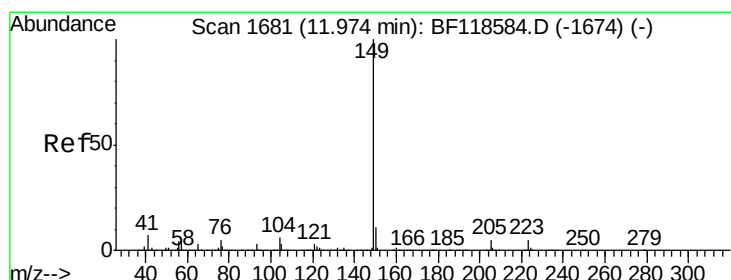
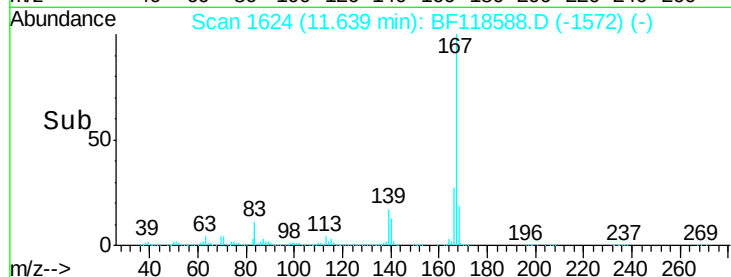
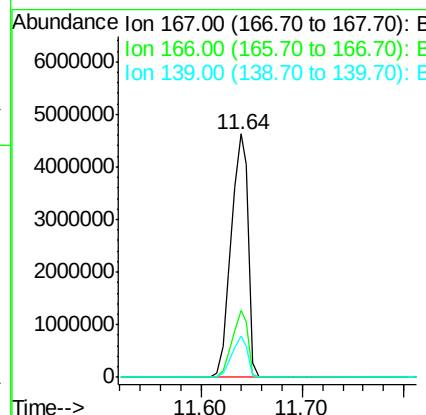
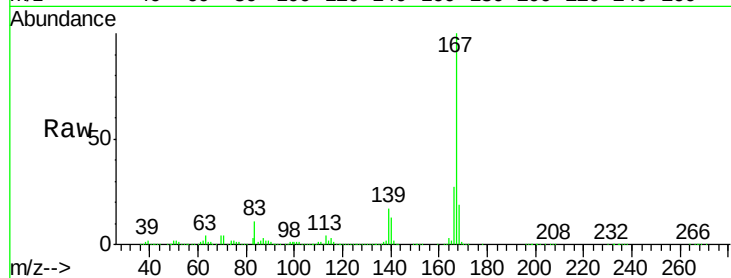
#73
 Carbazole
 Concen: 66.146 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF118588.D
 Acq: 20 Jan 2020 13:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
167	100		
166	27.3	19.4	29.2
139	16.9	11.7	17.5

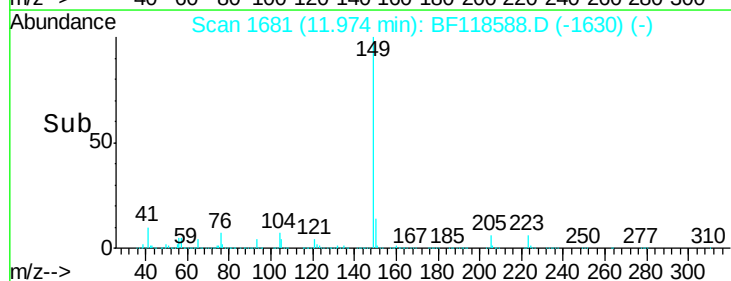
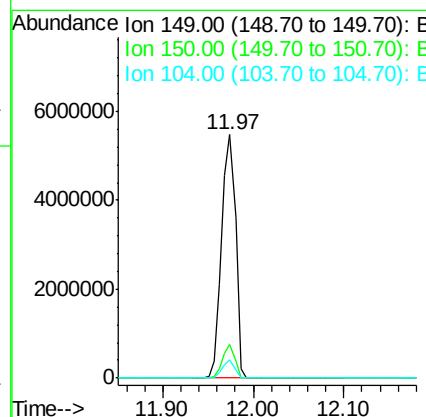
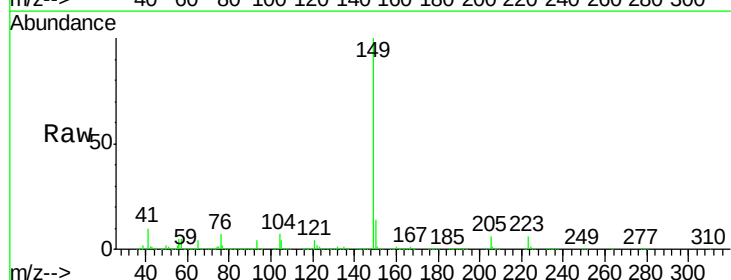
Manual Integrations
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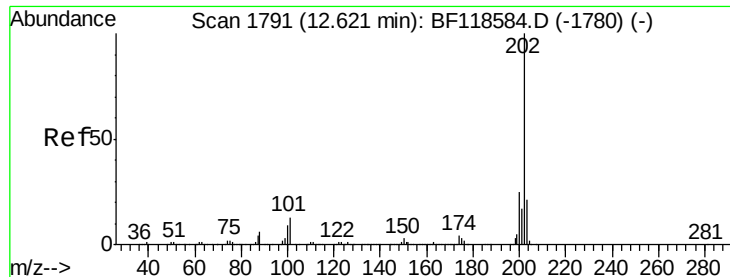
mohammad
 1/21/2020 2:25:55 PM



#74
 Di-n-butylphthalate
 Concen: 57.093 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BF118588.D
 Acq: 20 Jan 2020 13:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	13.6	8.7	13.1#
104	7.3	4.6	6.8#





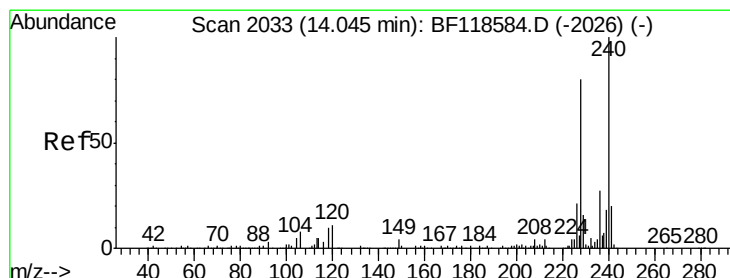
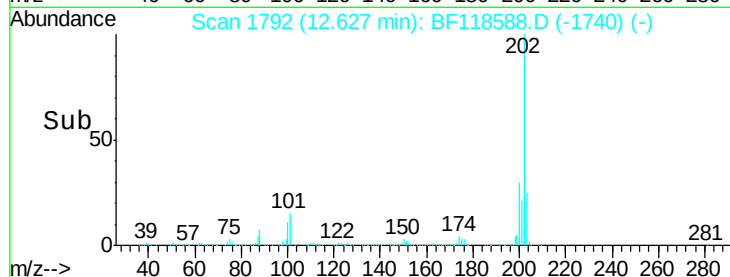
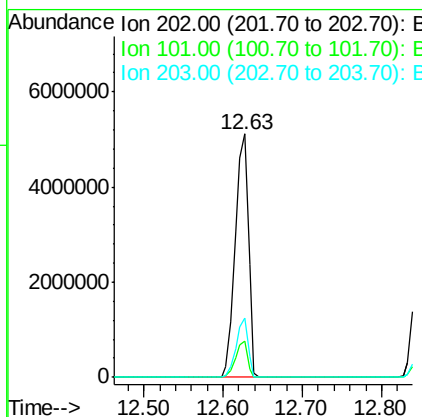
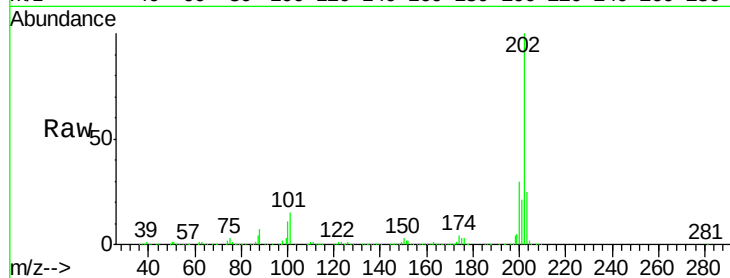
#75
Fluoranthene
Concen: 60.677 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	32.5
203	24.6	0.8	40.8

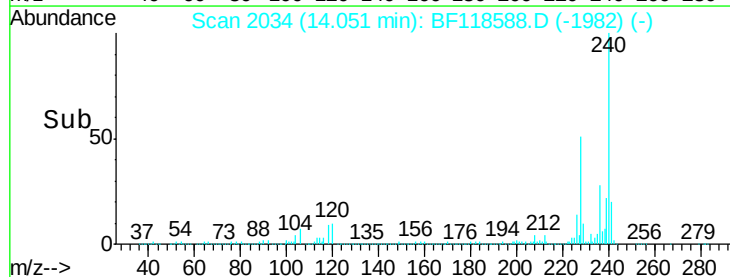
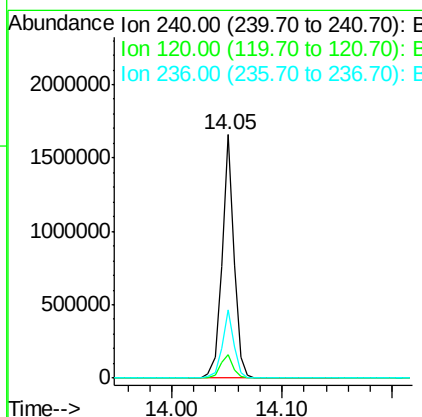
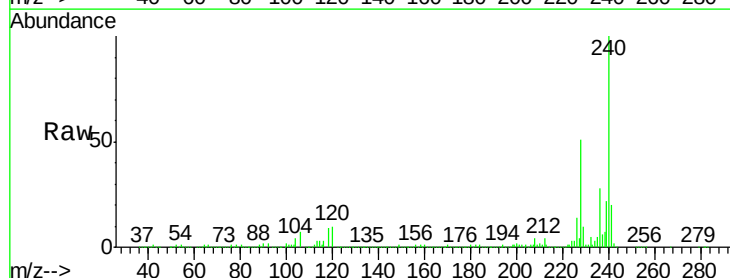
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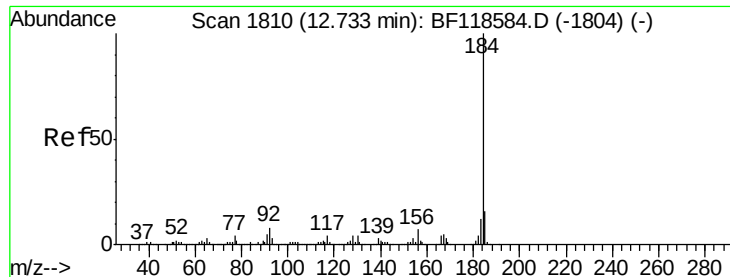
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.9	13.3
236	28.0	21.5	32.3





#77

Benzidine

Concen: 69.166 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:184 Resp: 2101824

Ion Ratio Lower Upper

184 100

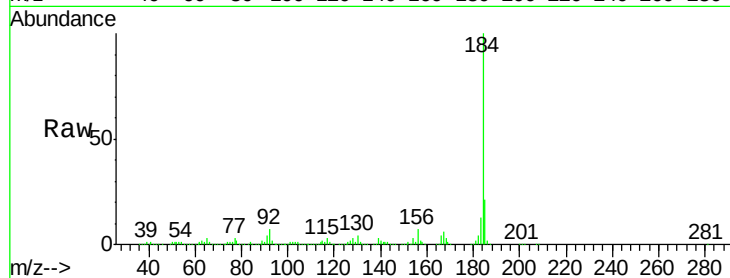
185 21.1 12.9 19.3#

183 12.6 9.6 14.4

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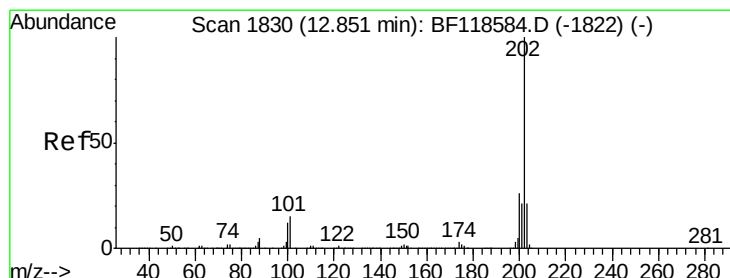
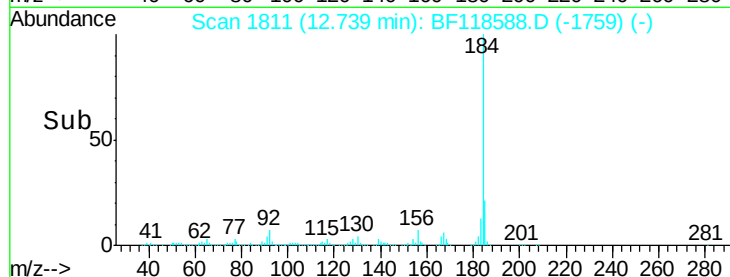
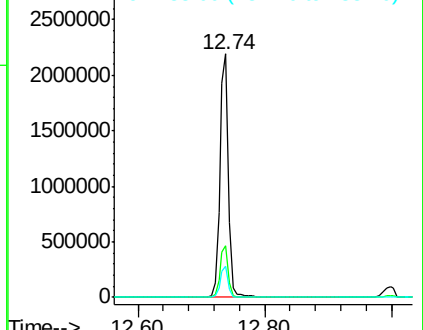
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 65.925 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

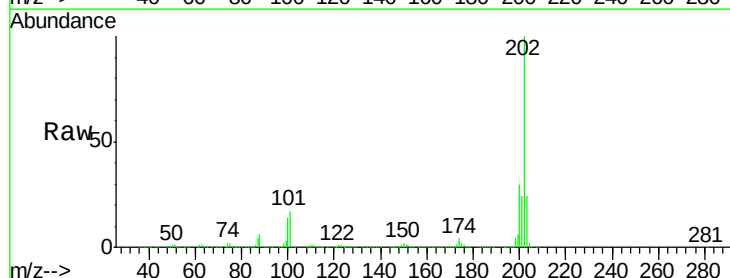
Tgt Ion:202 Resp: 6154033

Ion Ratio Lower Upper

202 100

200 29.6 20.6 31.0

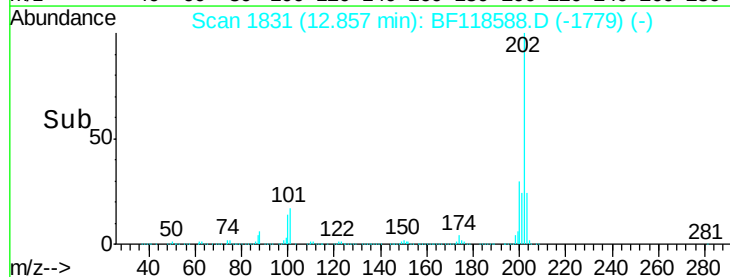
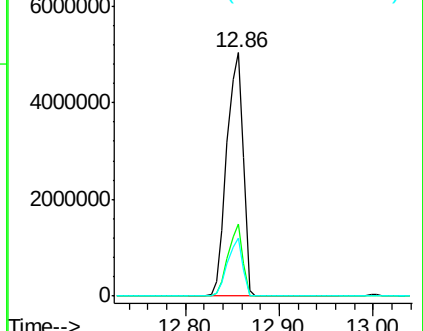
203 23.9 16.8 25.2

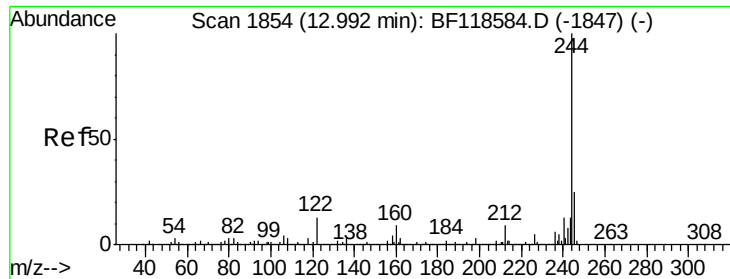


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 116.629 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:244 Resp: 7386121

Ion Ratio Lower Upper

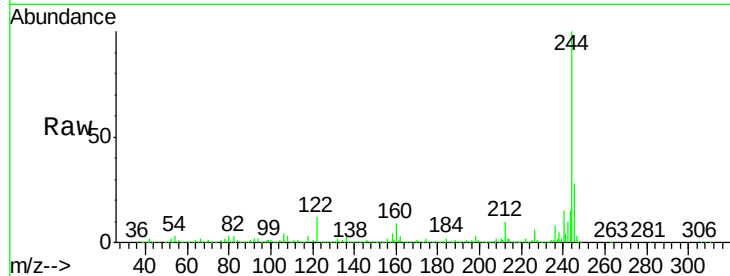
244 100

212 10.4 7.0 10.4

122 12.5 10.7 16.1

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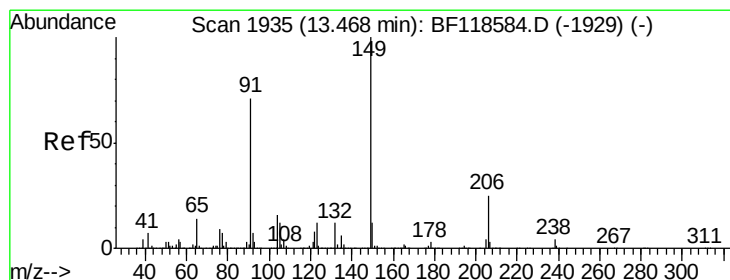
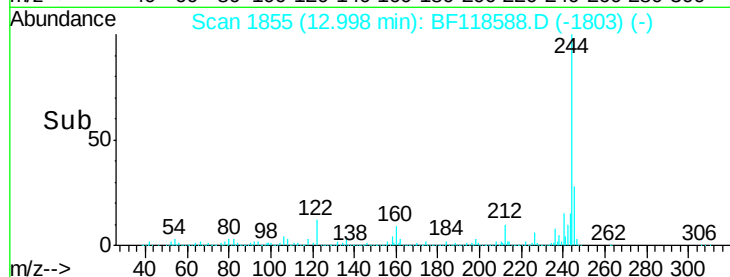
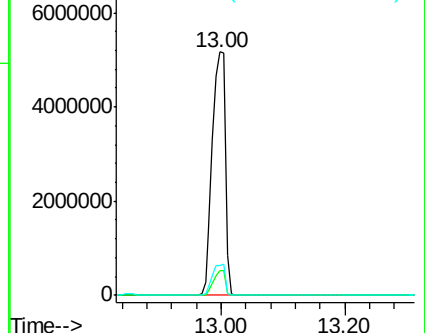
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 70.341 ng

RT: 13.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

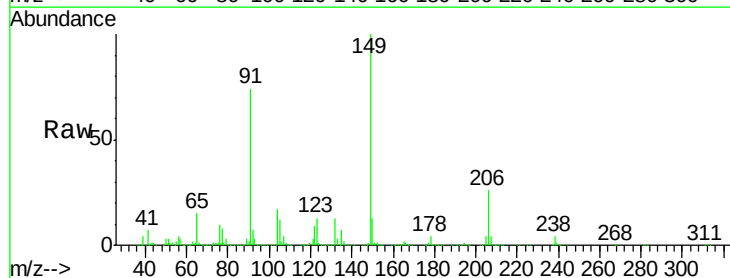
Tgt Ion:149 Resp: 2814704

Ion Ratio Lower Upper

149 100

91 74.0 56.5 84.7

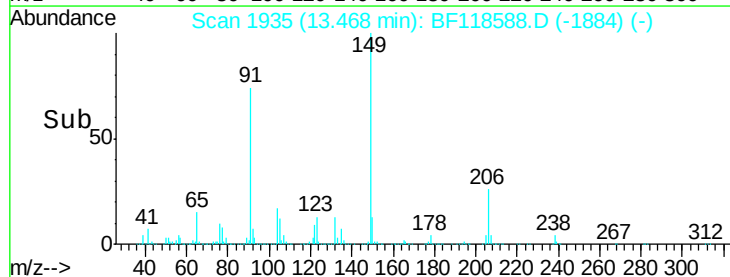
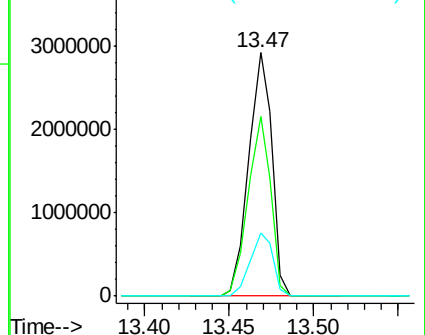
206 26.1 19.9 29.9

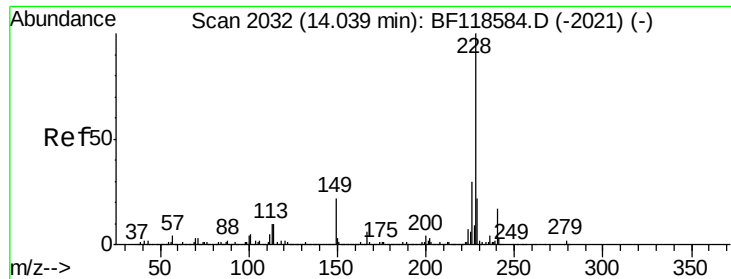


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





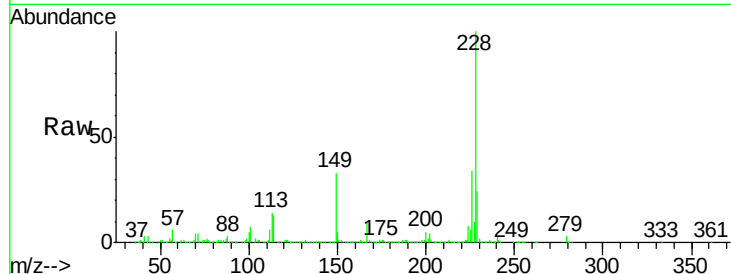
#81
Benzo(a)anthracene
Concen: 65.830 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

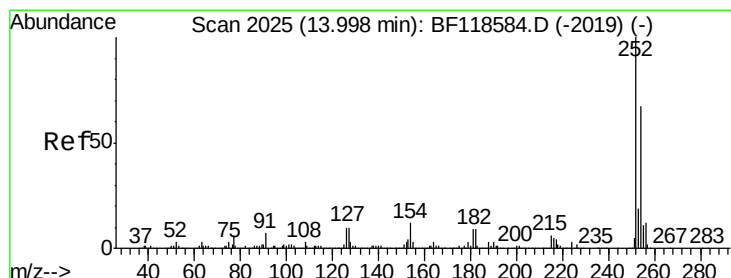
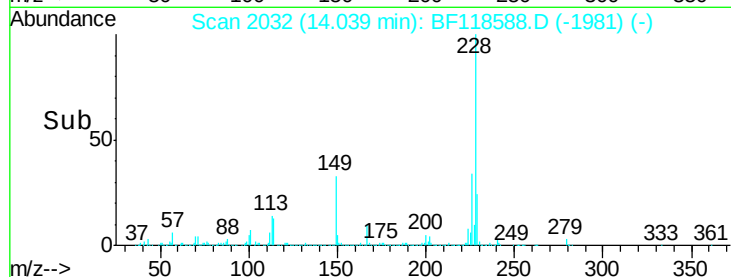
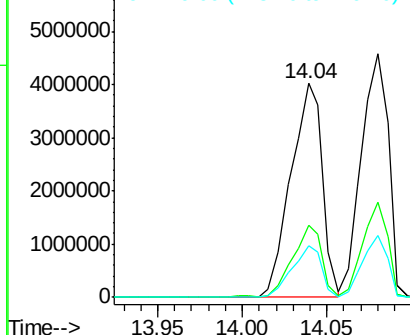
Tot Ion:228 Resp: 5197011
Ion Ratio Lower Upper
228 100
226 33.8 24.1 36.1
229 24.4 17.6 26.4

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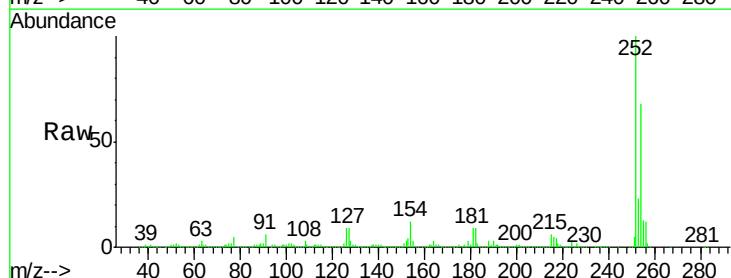


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

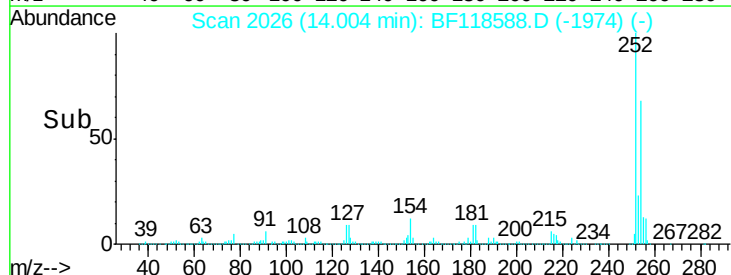
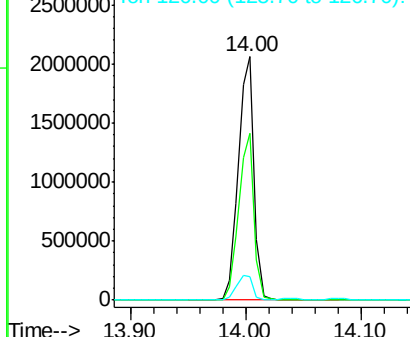


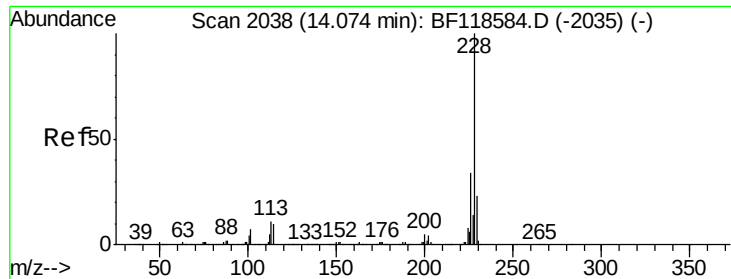
#82
3,3'-Dichlorobenzidine
Concen: 69.967 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Tgt Ion:252 Resp: 1937939
Ion Ratio Lower Upper
252 100
254 68.3 53.4 80.2
126 9.5 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





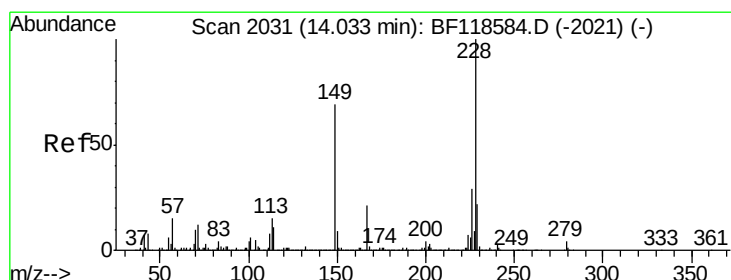
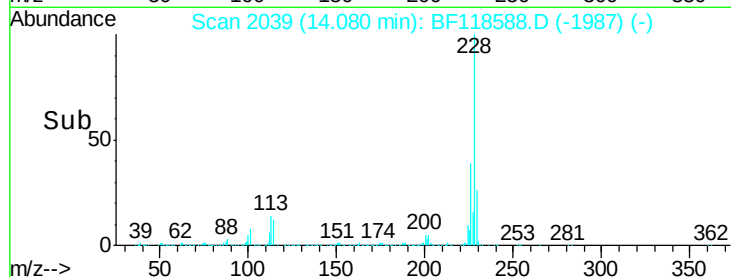
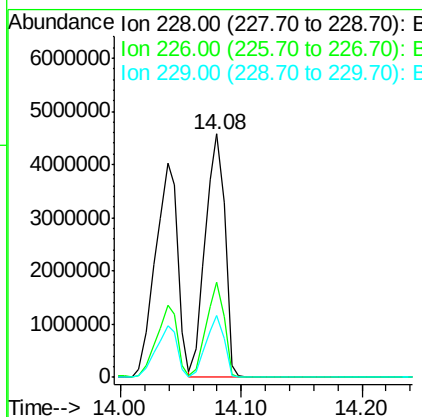
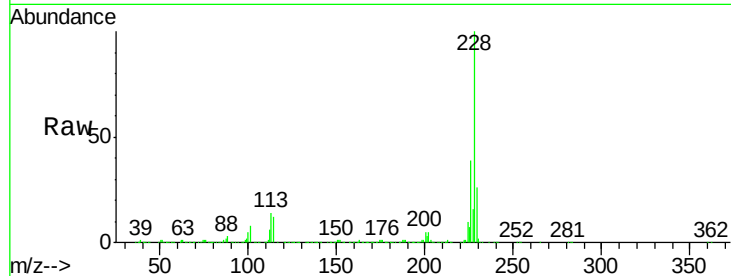
#83
 Chrvsene
 Concen: 67.262 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF118588.D
 Acq: 20 Jan 2020 13:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:228 Resp: 5107671
 Ion Ratio Lower Upper
 228 100
 226 38.9 27.4 41.0
 229 25.6 18.3 27.5

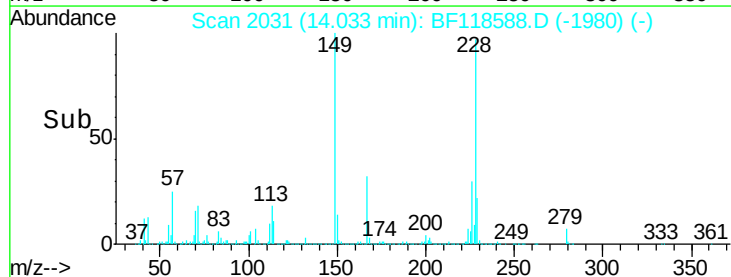
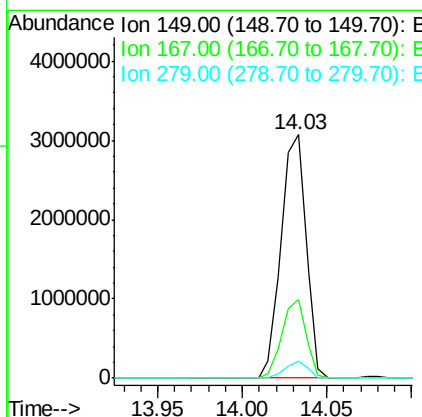
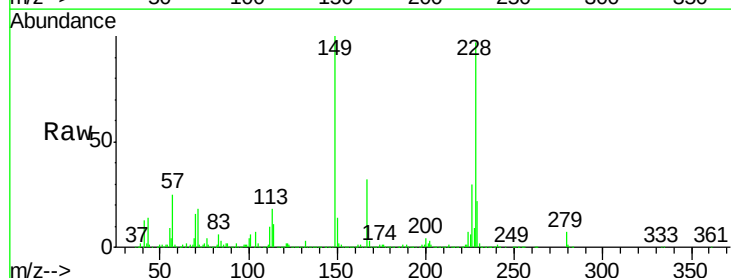
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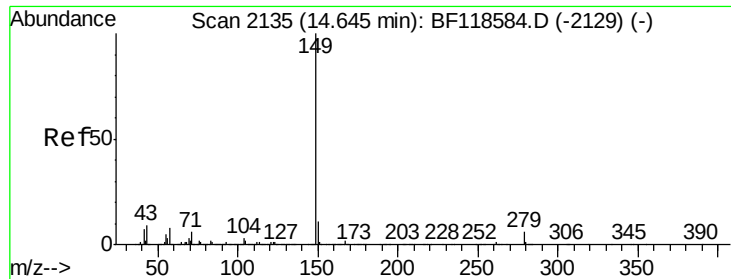
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 63.206 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BF118588.D
 Acq: 20 Jan 2020 13:28

Tgt Ion:149 Resp: 3139243
 Ion Ratio Lower Upper
 149 100
 167 32.4 24.2 36.4
 279 7.1 5.0 7.4





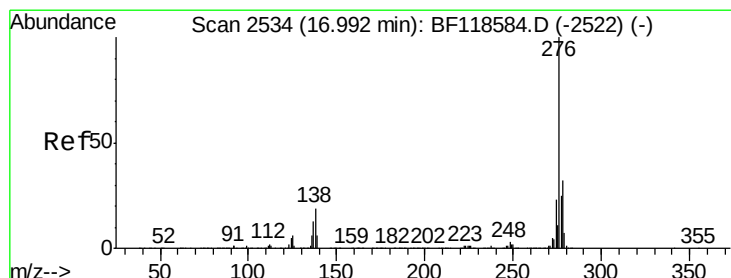
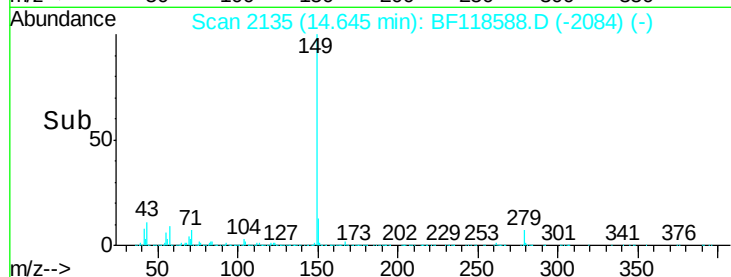
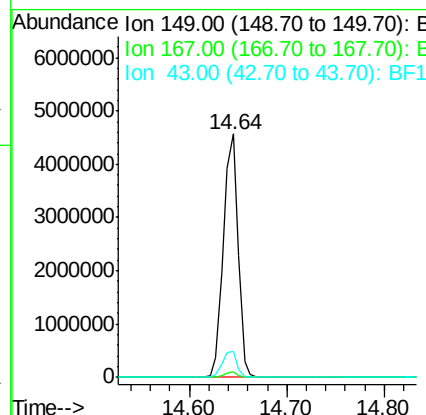
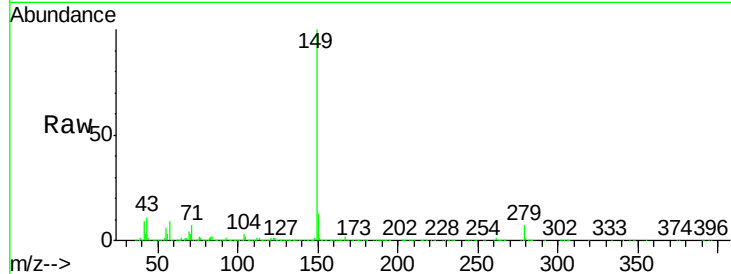
#85
Di-n-octyl phthalate
Concen: 62.817 ng
RT: 14.64 min Scan# 2135
Delta R.T. 0.00 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	10.8	8.1	12.1

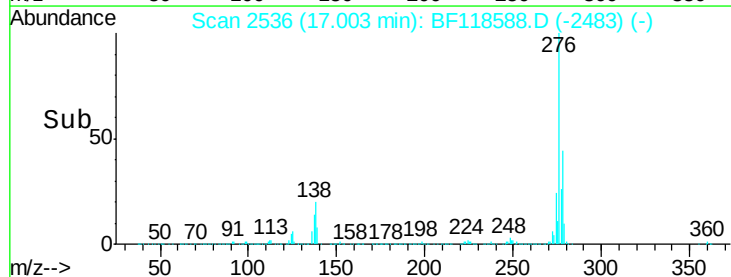
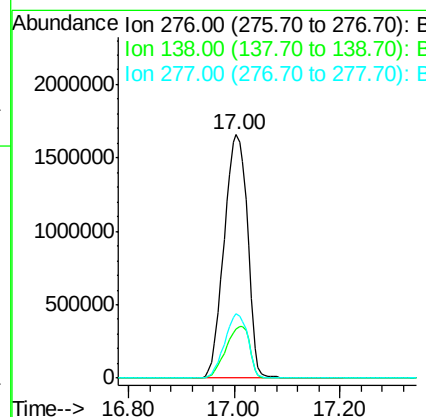
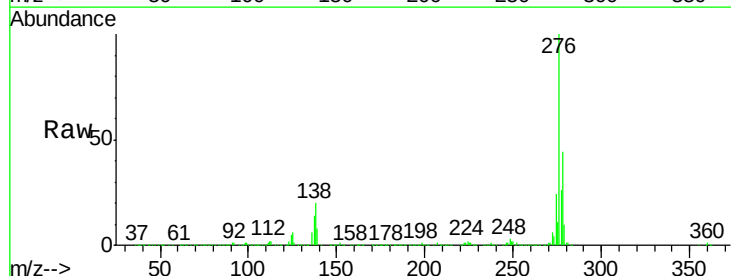
Manual Integrations
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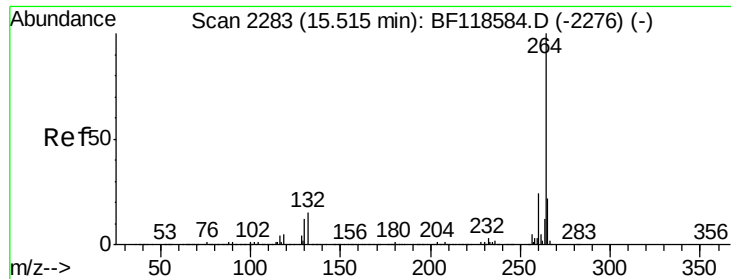
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 68.575 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.2	25.8
277	26.0	20.5	30.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

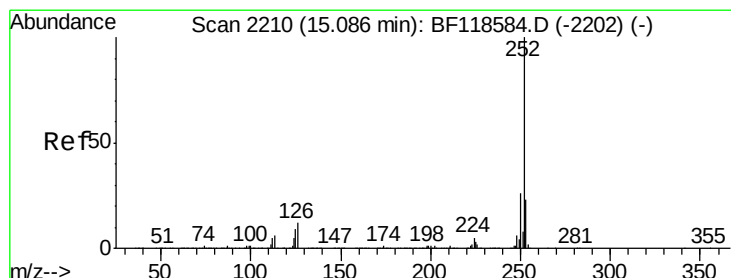
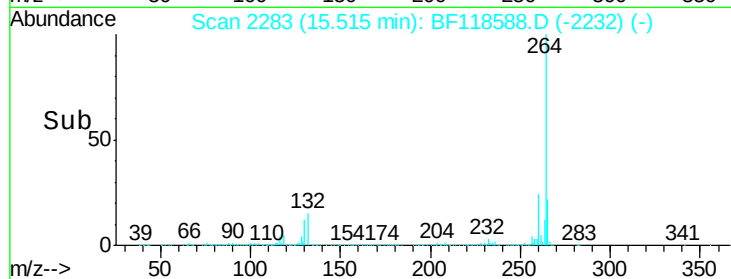
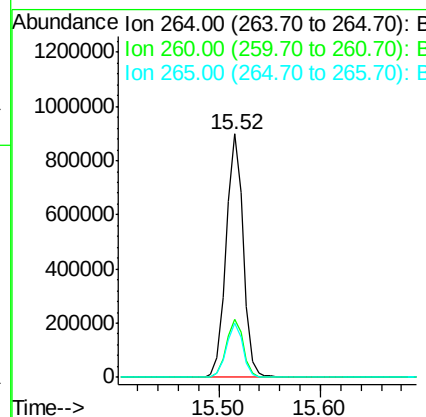
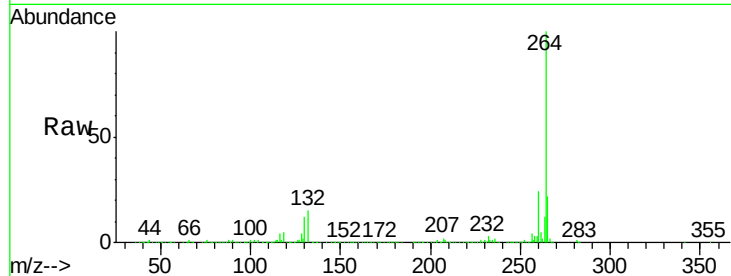
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:264 Resp: 1049673

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	22.0	17.7	26.5

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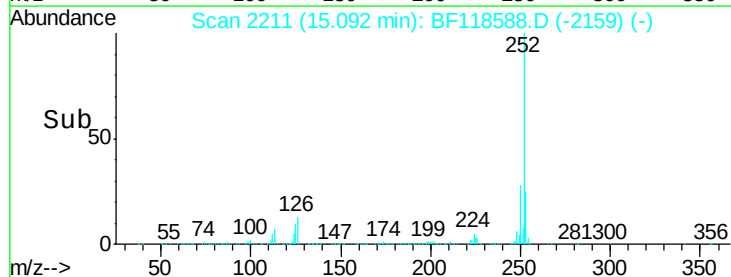
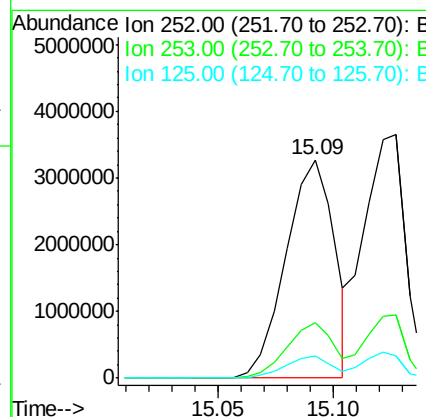
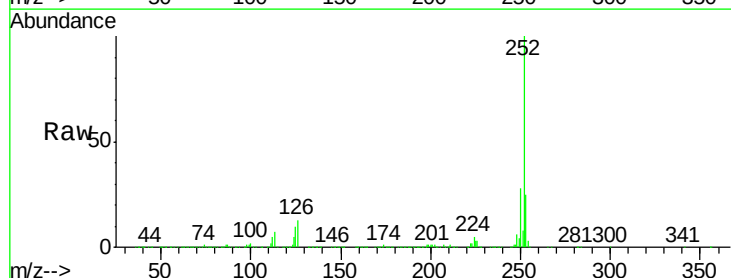
mohammad
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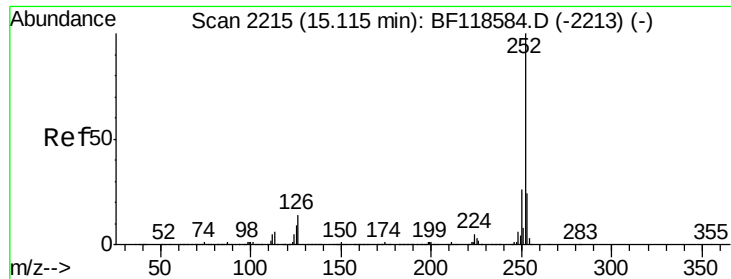


#88
Benzo(b)fluoranthene
Concen: 69.868 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Tgt Ion:252 Resp: 4776513

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.7	28.1
125	10.1	7.3	10.9





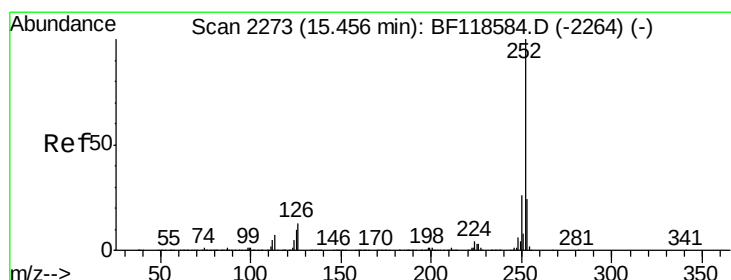
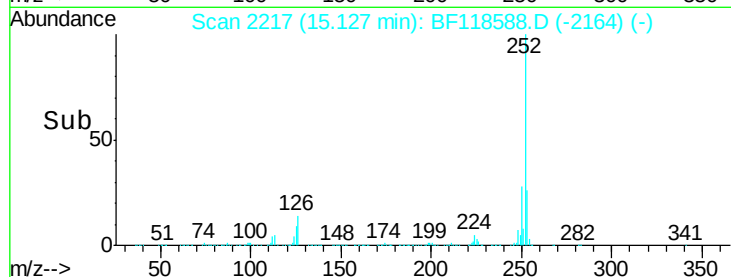
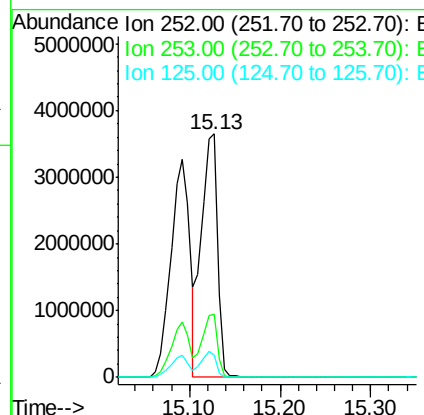
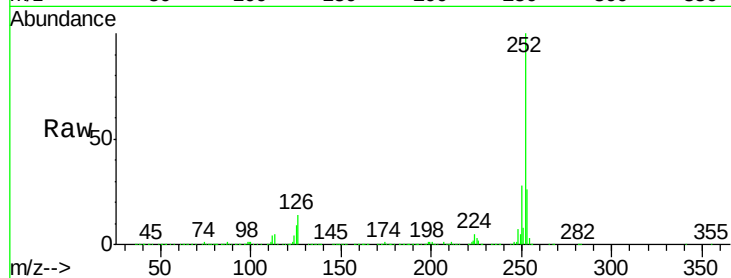
#89
Benzo(k)fluoranthene
Concen: 73.465 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	19.0	28.4
125	9.0	7.6	11.4

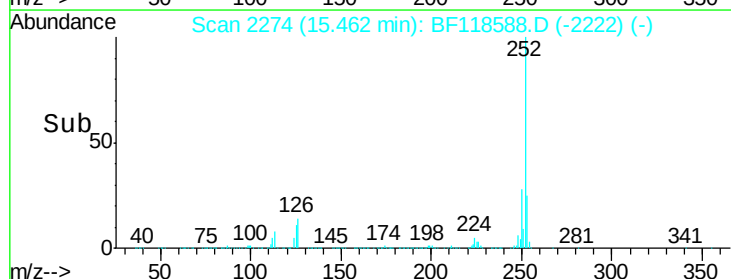
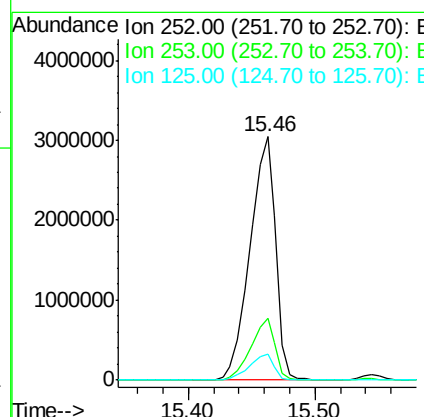
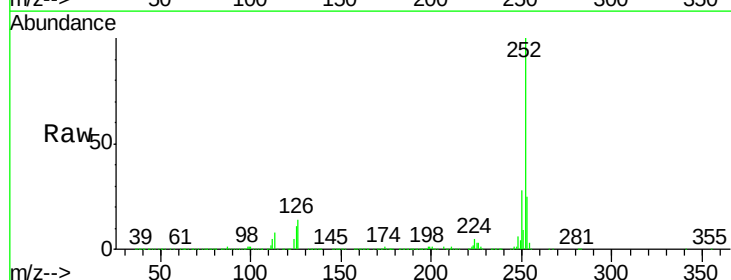
Manual Integrations
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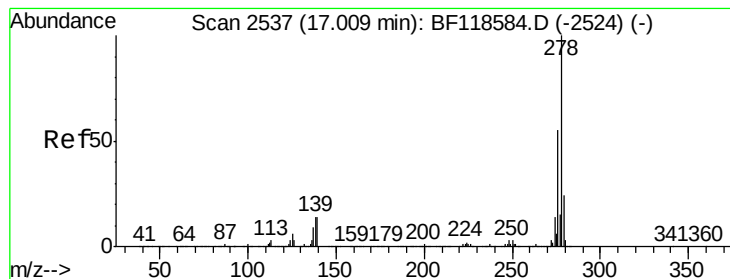
mohammad
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#90
Benzo(a)pyrene
Concen: 72.172 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF118588.D
Acq: 20 Jan 2020 13:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.8	28.2
125	10.6	7.8	11.6





#91

Dibenzo(a,h)anthracene

Concen: 74.436 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.02 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:278 Resp: 4135694

Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.4	17.0
279	25.7	19.0	28.6

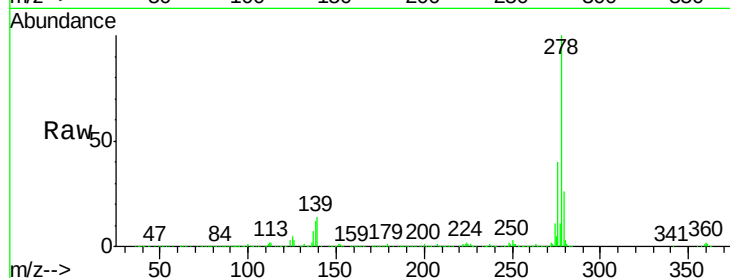
278 100

139 13.9 11.4 17.0

279 25.7 19.0 28.6

Manual Integrations
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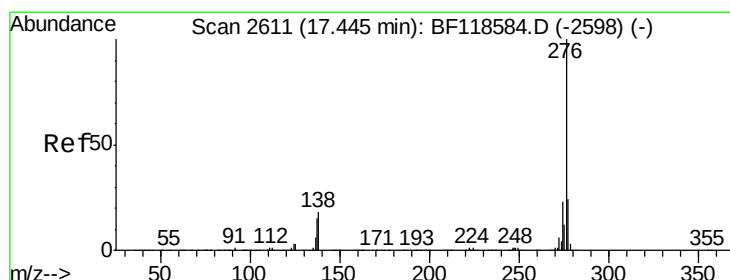
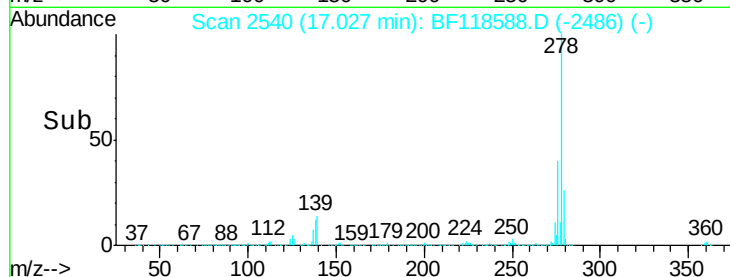
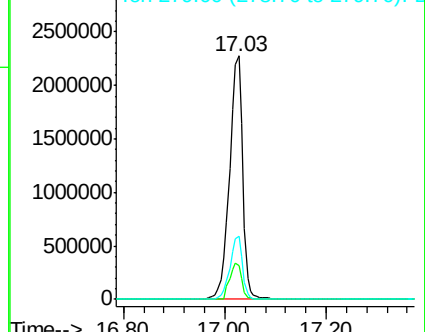


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 76.764 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.01 min

Lab File: BF118588.D

Acq: 20 Jan 2020 13:28

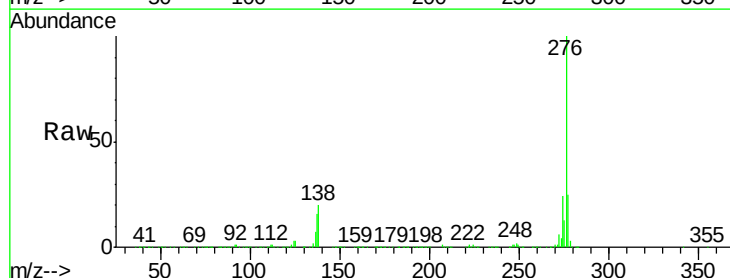
Tgt Ion:276 Resp: 4119713

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.9	28.3
138	19.7	14.4	21.6

276 100

277 24.8 18.9 28.3

138 19.7 14.4 21.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

