

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118594.D
 Acq On : 20 Jan 2020 16:31
 Operator : CG/JU
 Sample : PB126152BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126152BS

Manual Integrations
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Quant Time: Jan 21 01:55:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	456241	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1706898	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	979455	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1812665	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1441750	20.00	ng	0.00
87) Perylene-d12	15.52	264	1236882	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	3077459	125.28	ng	0.01
7) Phenol-d6	6.51	99	3995913	125.15	ng	0.00
23) Nitrobenzene-d5	7.44	82	2327287	76.26	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	1436700	126.82	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4310461	72.33	ng	0.00
79) Terphenyl-d14	12.99	244	4985061	75.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	475298	39.947	ng	100
3) Pyridine	3.52	79	1193199	35.580	ng	100
4) n-Nitrosodimethylamine	3.45	42	595792	41.440	ng	94
6) Aniline	6.55	93	1438874	34.224	ng	98
8) 2-Chlorophenol	6.67	128	1237627	44.886	ng	99
9) Benzaldehyde	6.43	77	667022	34.351	ng	97
10) Phenol	6.52	94	1582963	43.504	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	1159113	42.936	ng	100
12) 1,3-Dichlorobenzene	6.82	146	1340703	41.543	ng	97
13) 1,4-Dichlorobenzene	6.90	146	1362100	42.045	ng	98
14) 1,2-Dichlorobenzene	7.05	146	1296917	42.586	ng	98
15) Benzyl Alcohol	7.02	79	1135857	44.860	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1541919	41.005	ng	100
17) 2-Methylphenol	7.13	107	1031756	44.923	ng	99
18) Hexachloroethane	7.40	117	486086	41.379	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	930475	43.159	ng	97
20) 3+4-Methylphenols	7.28	107	1288850	45.963	ng	89
22) Acetophenone	7.29	105	1671202	41.331	ng	# 94
24) Nitrobenzene	7.46	77	1354625	43.353	ng	99
25) Isophorone	7.70	82	2437421	43.791	ng	99
26) 2-Nitrophenol	7.77	139	613012	46.005	ng	94
27) 2,4-Dimethylphenol	7.82	122	1202012	52.240	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	1485924	41.432	ng	99
29) 2,4-Dichlorophenol	8.02	162	1126784	44.299	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	1210057	41.029	ng	99
31) Naphthalene	8.19	128	3389550	43.959	ng	99
32) Benzoic acid	7.93	122	741273	42.926	ng	98
33) 4-Chloroaniline	8.23	127	746150	20.937	ng	99
34) Hexachlorobutadiene	8.31	225	716675	39.903	ng	98
35) Caprolactam	8.60	113	361688m	43.451	ng	
36) 4-Chloro-3-methylphenol	8.71	107	1124196	44.757	ng	100
37) 2-Methylnaphthalene	8.88	142	2462277	45.241	ng	100
38) 1-Methylnaphthalene	8.98	142	2340803	45.270	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1226956	40.036	ng	99

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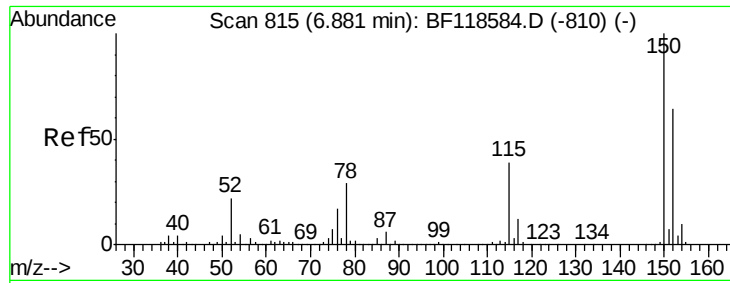
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	1530781	99.002	nq	98
43) 2,4,6-Trichlorophenol	9.15	196	879666	43.256	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	906021	43.622	nq	99
46) 1,1'-Biphenyl	9.35	154	2897645	42.926	nq	99
47) 2-Chloronaphthalene	9.37	162	2371604	41.682	nq	99
48) 2-Nitroaniline	9.46	65	725795	41.497	nq	95
49) Acenaphthylene	9.79	152	3579613	44.721	nq	100
50) Dimethylphthalate	9.65	163	2714475	42.538	nq	100
51) 2,6-Dinitrotoluene	9.70	165	646459	45.240	nq	94
52) Acenaphthene	9.96	154	2482982	46.391	nq	99
53) 3-Nitroaniline	9.86	138	431374	26.438	nq	98
54) 2,4-Dinitrophenol	9.97	184	574460	100.699	nq	# 35
55) Dibenzofuran	10.13	168	3242892	43.721	nq	99
56) 4-Nitrophenol	10.03	139	1135237	92.164	nq	93
57) 2,4-Dinitrotoluene	10.10	165	841830	46.732	nq	96
58) Fluorene	10.47	166	2588052	44.446	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	795341	43.537	nq	98
60) Diethylphthalate	10.35	149	2648468	42.806	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	1379265	43.552	nq	99
62) 4-Nitroaniline	10.49	138	658270	39.330	nq	98
63) Azobenzene	10.62	77	2661601	44.419	nq	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	394733	49.523	nq	98
66) n-Nitrosodiphenylamine	10.58	169	2390262	43.725	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	932940	41.659	nq	# 94
68) Hexachlorobenzene	11.02	284	1047489	41.256	nq	96
69) Atrazine	11.11	200	862498	45.521	nq	97
70) Pentachlorophenol	11.21	266	1215406	86.099	nq	99
71) Phenanthrene	11.43	178	3740662	42.775	nq	99
72) Anthracene	11.49	178	3817024	44.111	nq	99
73) Carbazole	11.63	167	3416739	43.048	nq	99
74) Di-n-butylphthalate	11.97	149	3746098	42.481	nq	98
75) Fluoranthene	12.62	202	3952037	42.847	nq	99
77) Benzidine	12.73	184	2282810	59.259	nq	97
78) Pyrene	12.85	202	4026466	41.136	nq	100
80) Butylbenzylphthalate	13.47	149	1650956	41.213	nq	97
81) Benzo(a)anthracene	14.03	228	3640250	41.973	nq	99
82) 3,3'-Dichlorobenzidine	13.99	252	829313	26.835	nq	97
83) Chrysene	14.07	228	3458140	41.604	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	2098955	42.887	nq	99
85) Di-n-octyl phthalate	14.64	149	3352841	46.283	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	2854153	39.518	nq	100
88) Benzo(b)fluoranthene	15.09	252	3191272	41.047	nq	99
89) Benzo(k)fluoranthene	15.12	252	3147865	43.703	nq	98
90) Benzo(a)pyrene	15.45	252	2751818	41.031	nq	99
91) Dibenzo(a,h)anthracene	17.01	278	2394406	40.361	nq	98
92) Benzo(g,h,i)perylene	17.43	276	2341529	40.651	nq	98

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



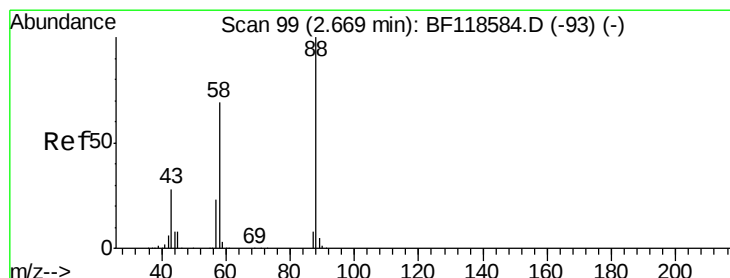
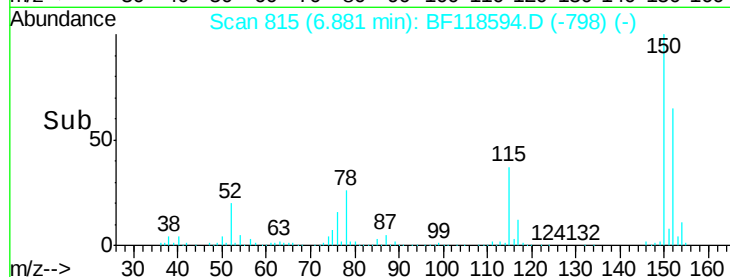
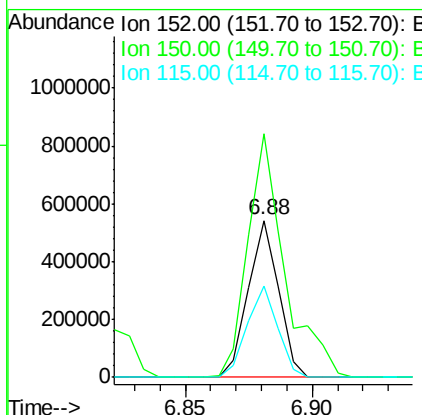
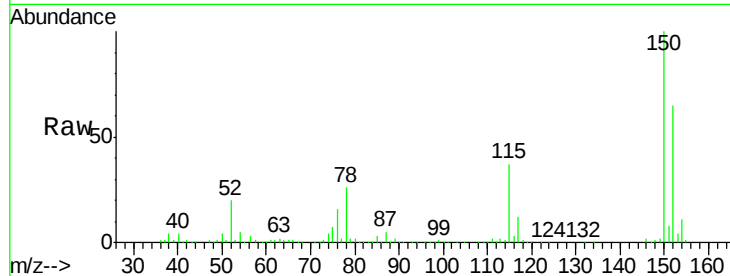
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Instrument :
 BNA_F
 ClientSampled :
 PB126152BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.6	188.4
115	58.1	48.4	72.6

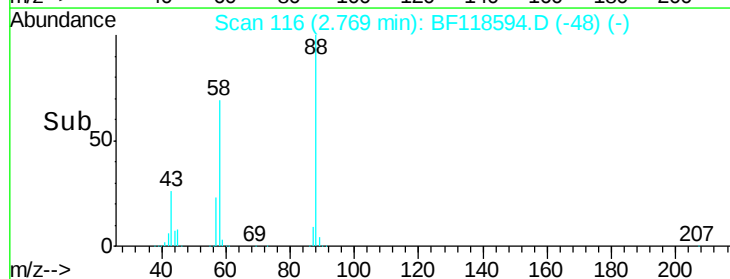
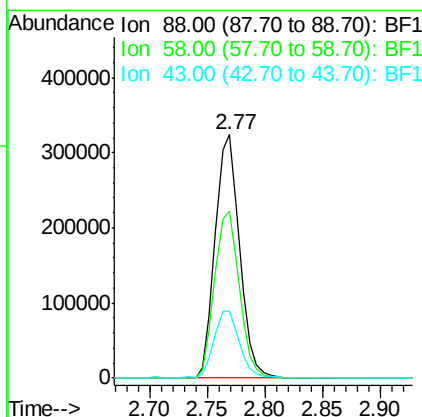
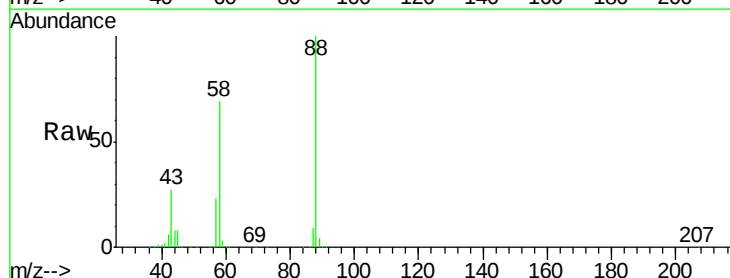
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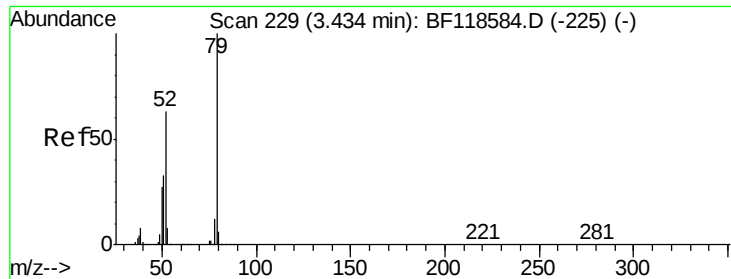
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#2
 1,4-Dioxane
 Concen: 39.947 ng
 RT: 2.77 min Scan# 116
 Delta R.T. 0.10 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.3	56.1	84.1
43	28.3	23.0	34.6





#3

Pvridine

Concen: 35.580 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.08 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

PB126152BS

Tot Ion: 79 Resp: 1193199

Ion Ratio Lower Upper

79 100

52 63.0 50.7 76.1

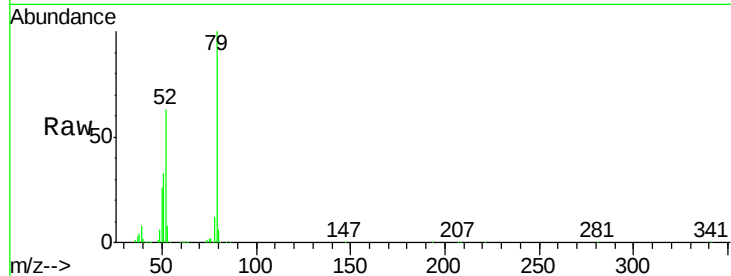
51 33.3 26.6 40.0

Manual Integrations

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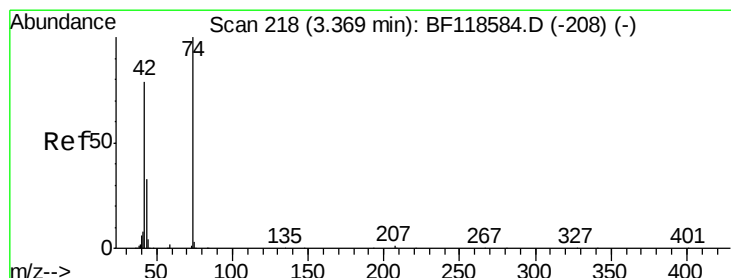
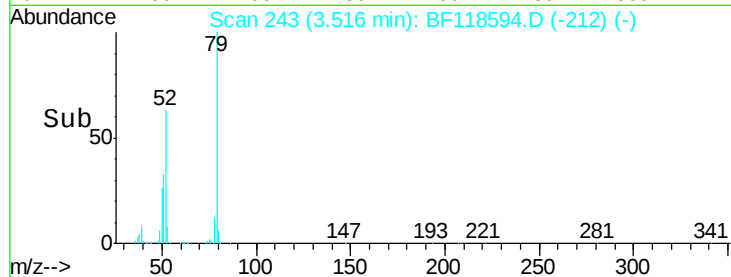
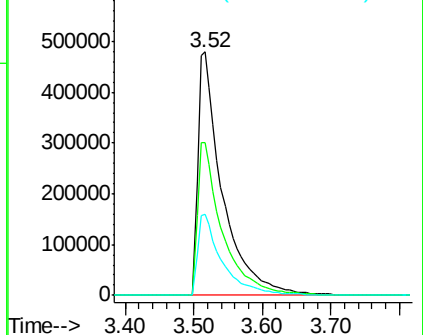
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.440 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.08 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

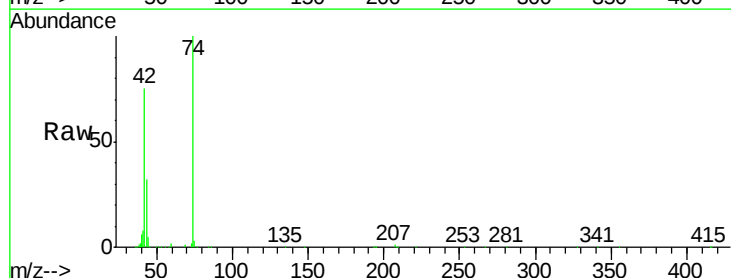
Tgt Ion: 42 Resp: 595792

Ion Ratio Lower Upper

42 100

74 134.2 101.6 152.4

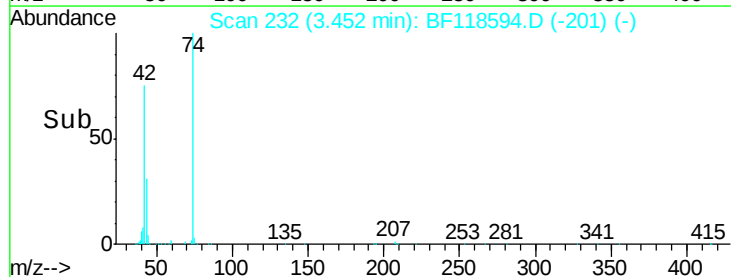
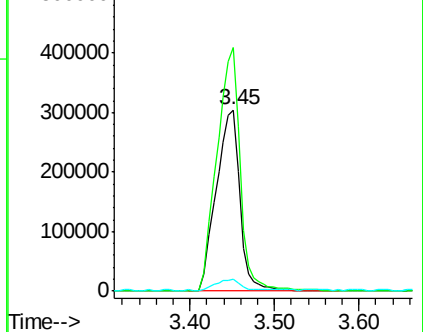
44 6.5 4.9 7.3

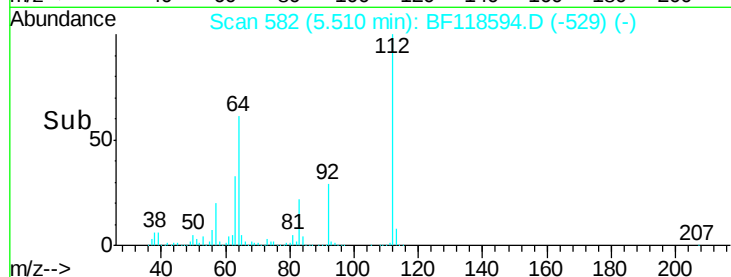
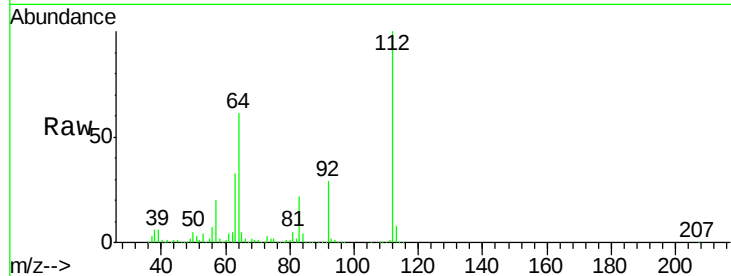
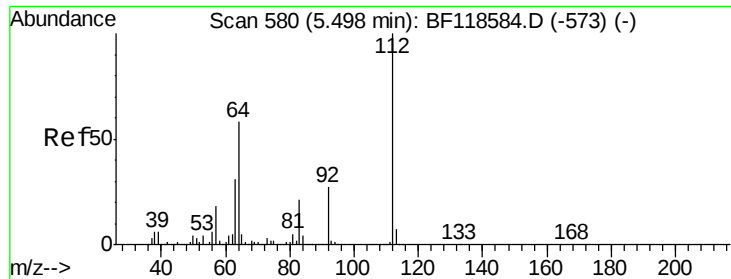


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





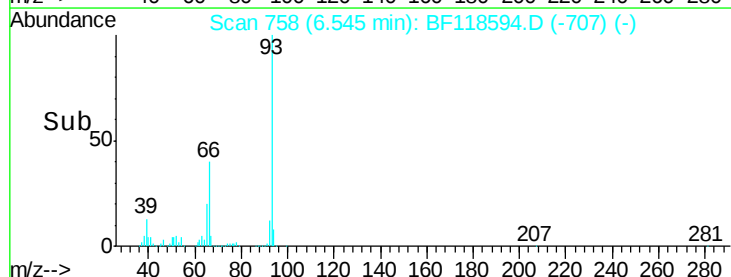
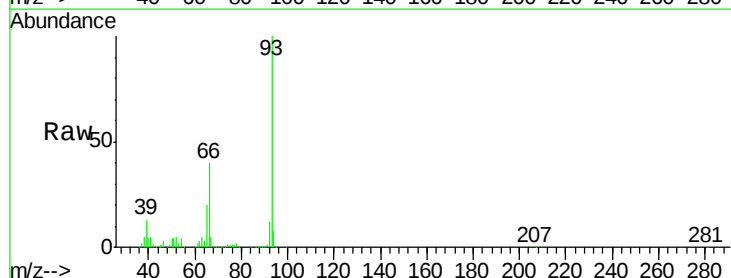
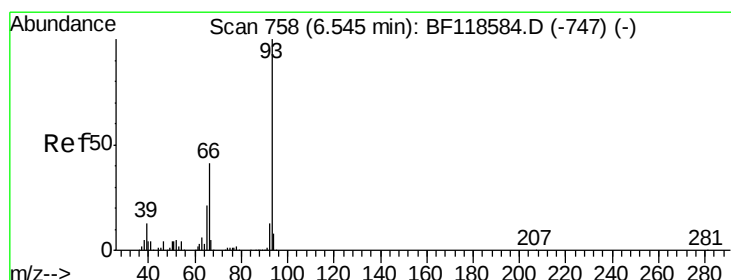
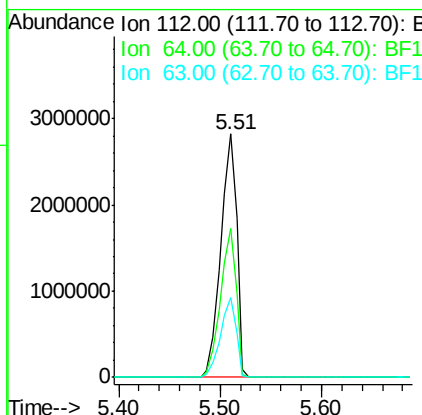
#5
2-Fluorophenol
Concen: 125.276 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tot Ion: 112 Resp: 3077459
Ion Ratio Lower Upper
112 100
64 61.1 46.6 70.0
63 33.0 25.1 37.7

Instrument :
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ClientSampleId :
PB126152BS

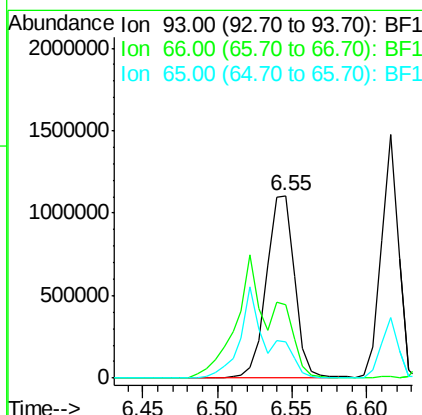
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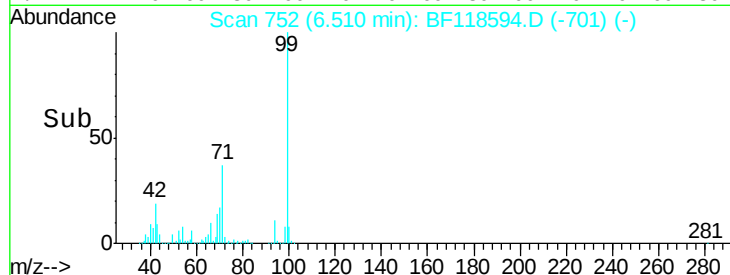
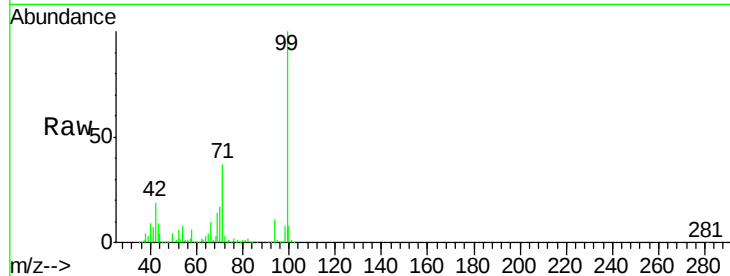
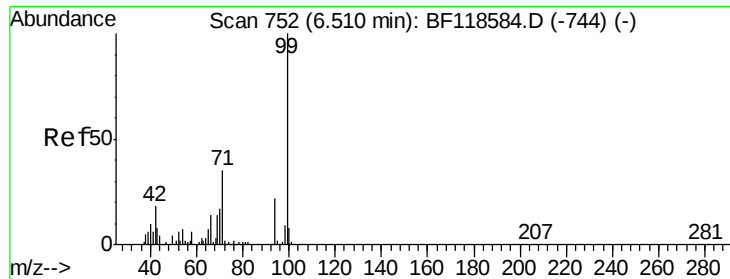
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#6
Aniline
Concen: 34.224 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion: 93 Resp: 1438874
Ion Ratio Lower Upper
93 100
66 39.9 32.8 49.2
65 20.1 16.5 24.7





#7

Phenol-d6

Concen: 125.151 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Tot Ion:	99	Resp:	3995913
Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.2	21.2
71	37.3	27.8	41.6

Instrument :

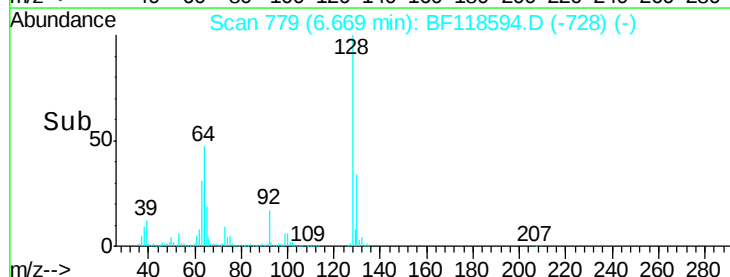
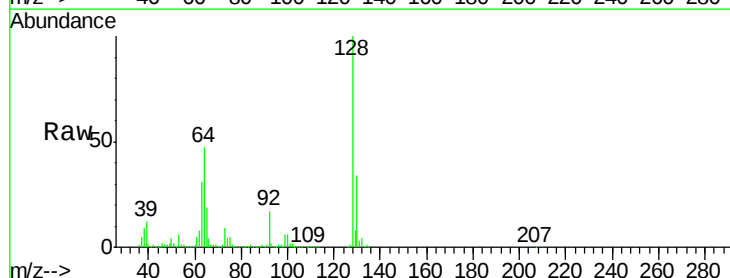
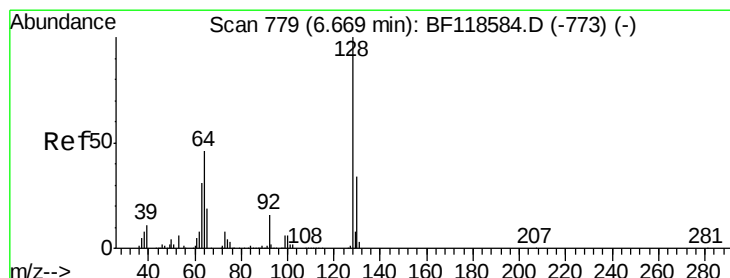
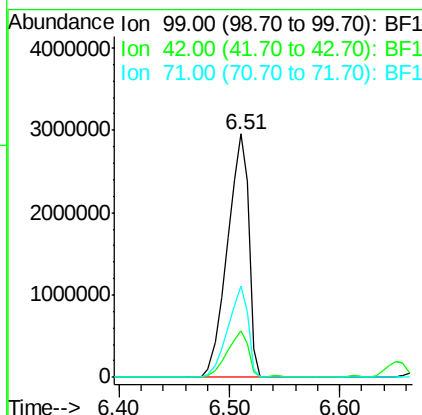
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ClientSampleId :

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#8

2-Chlorophenol

Concen: 44.886 ng

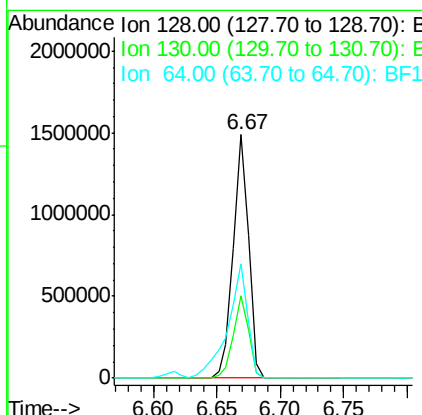
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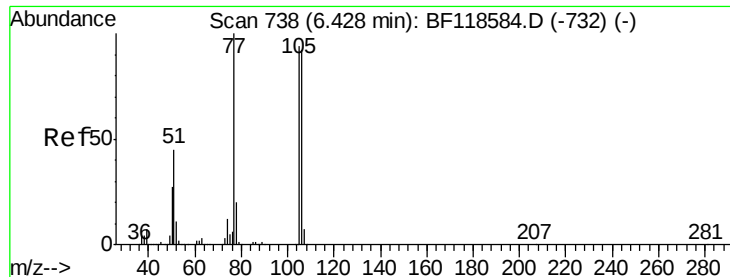
Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Tgt Ion:	128	Resp:	1237627
Ion	Ratio	Lower	Upper
128	100		
130	34.1	13.6	53.6
64	47.1	26.4	66.4





#9

Benzaldehyde

Concen: 34.351 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

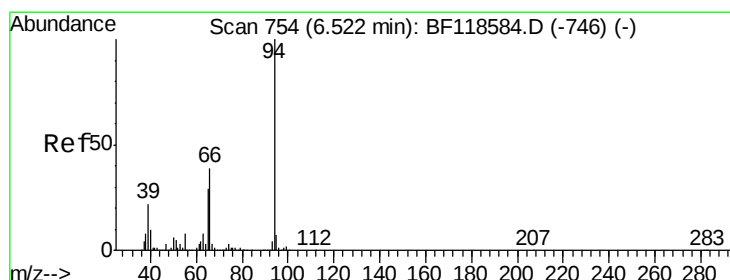
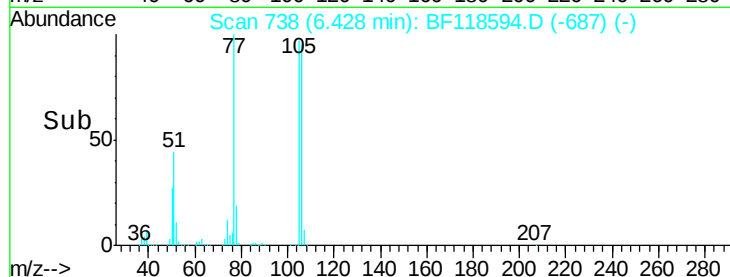
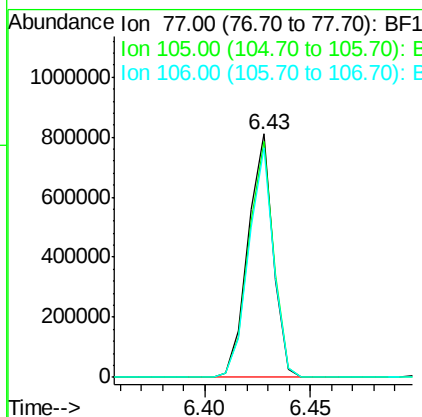
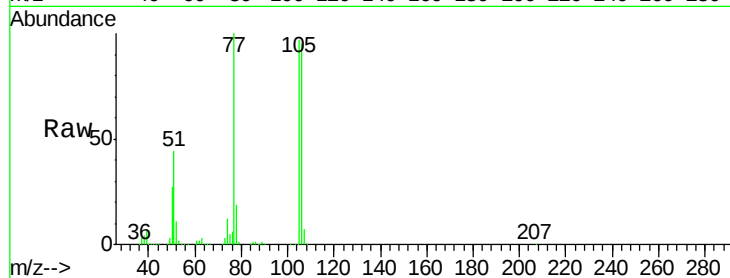
ClientSampled :

PB126152BS

Tot Ion:	77	Resp:	667022
Ion	Ratio	Lower	Upper
77	100		
105	97.0	73.5	113.5
106	94.5	71.9	111.9

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#10

Phenol

Concen: 43.504 ng

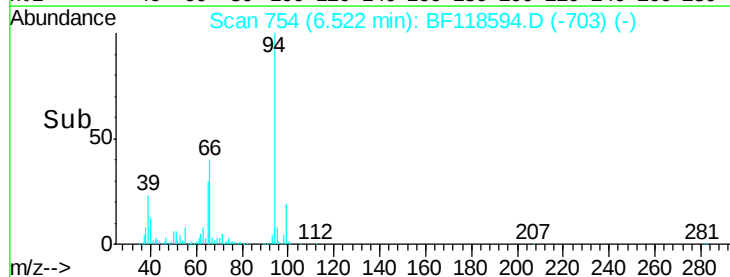
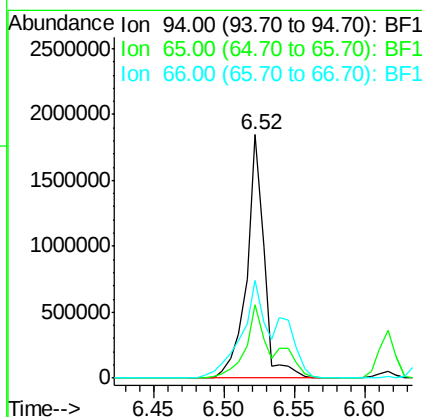
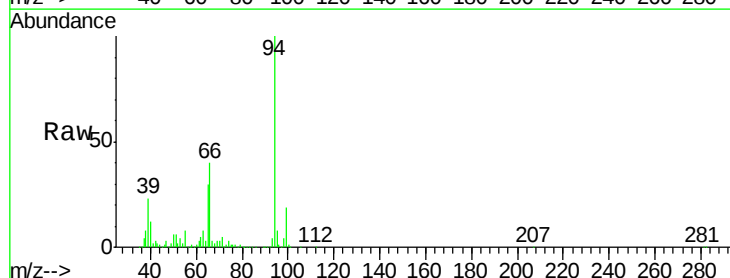
RT: 6.52 min Scan# 754

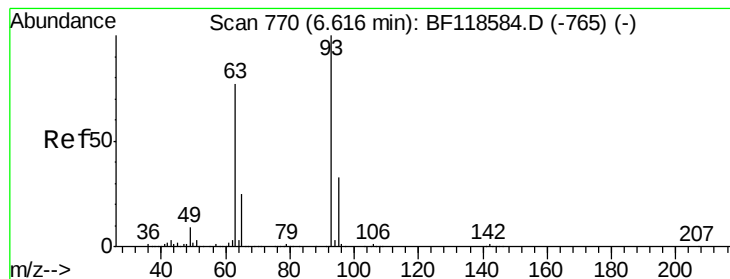
Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Tgt Ion:	94	Resp:	1582963
Ion	Ratio	Lower	Upper
94	100		
65	30.0	9.5	49.5
66	40.3	18.5	58.5





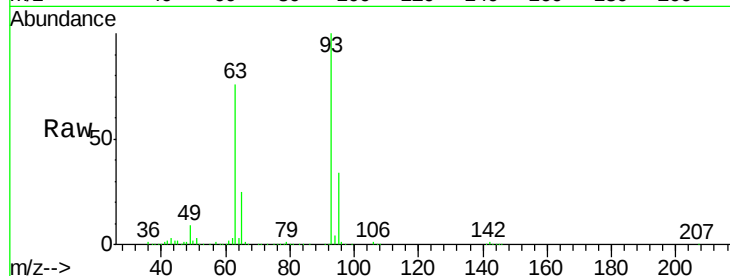
#11
bis(2-Chloroethyl)ether
Concen: 42.936 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB126152BS

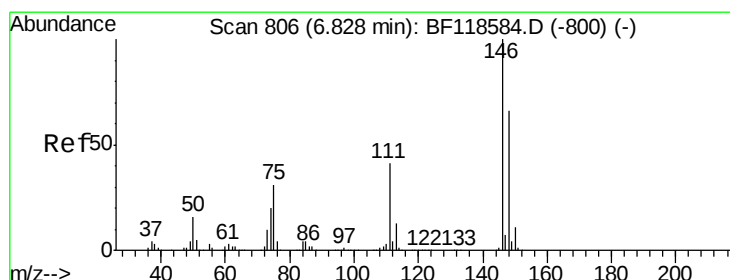
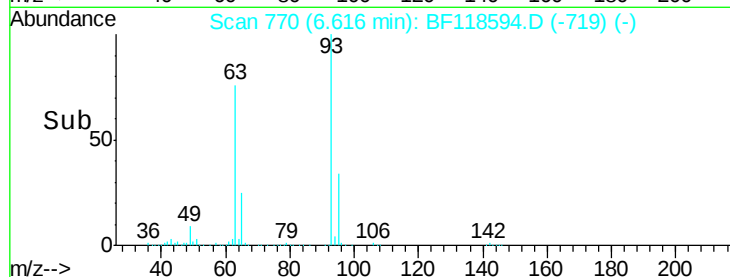
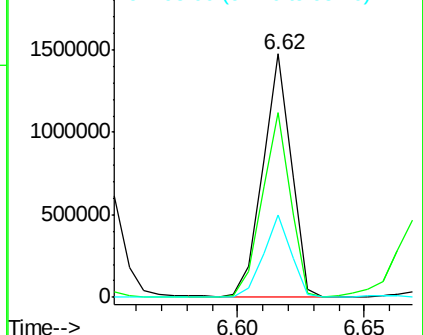
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.1	56.3	96.3
95	33.8	13.3	53.3

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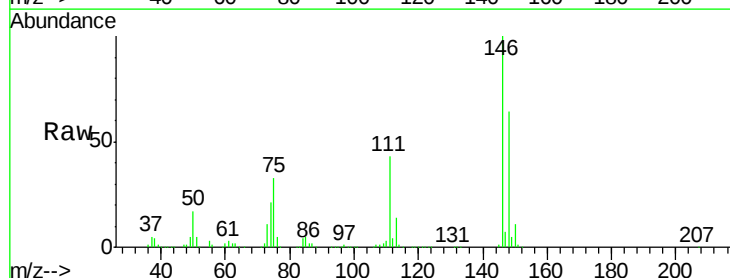


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

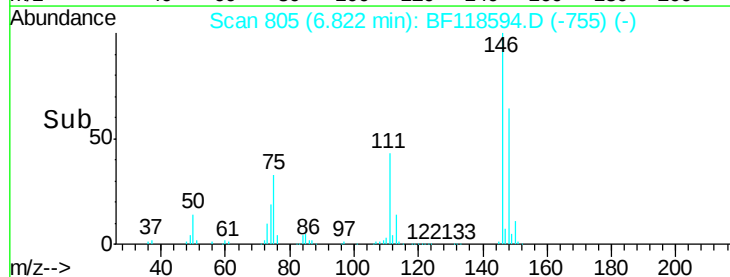
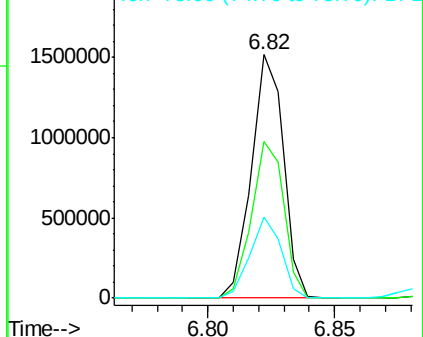


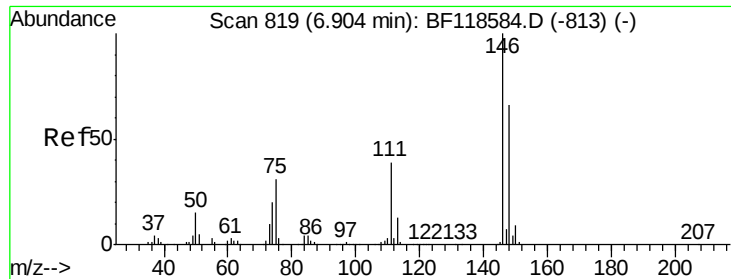
#12
1,3-Dichlorobenzene
Concen: 41.543 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	53.0	79.6
75	33.4	25.1	37.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





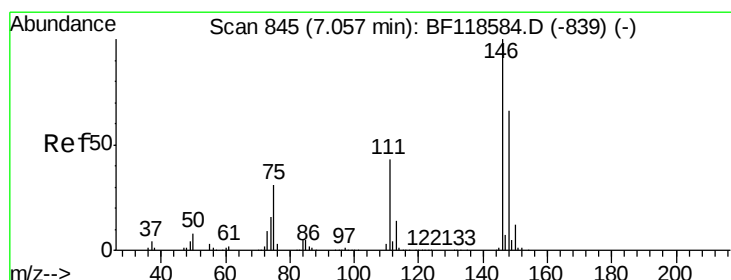
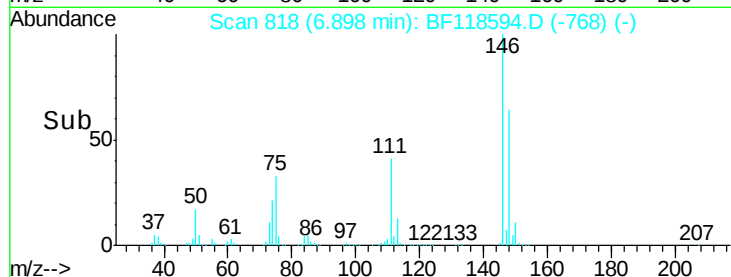
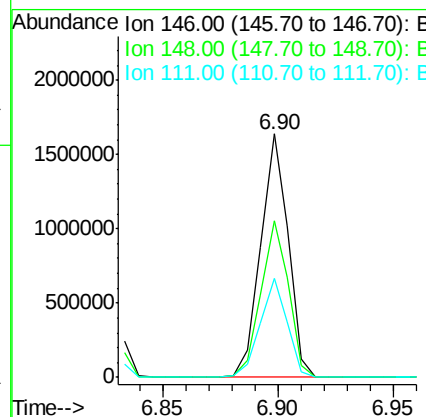
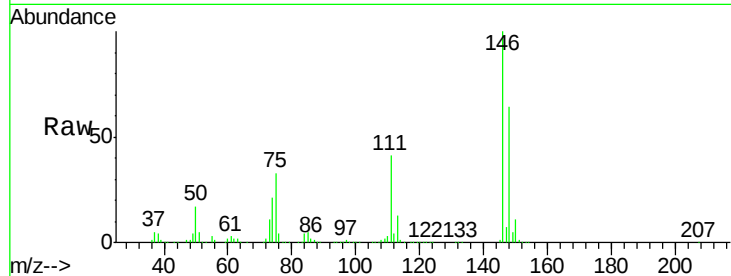
#13
 1,4-Dichlorobenzene
 Concen: 42.045 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB126152BS

Tot Ion:146 Resp: 1362100
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.4 78.6
 111 40.7 31.6 47.4

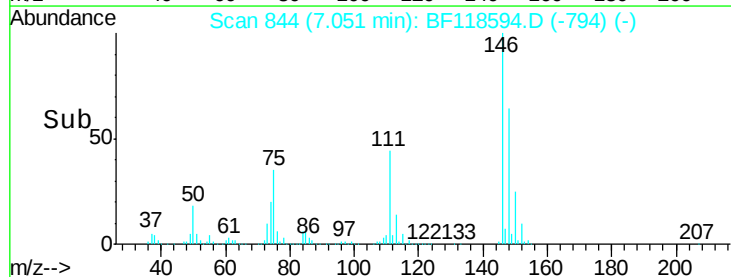
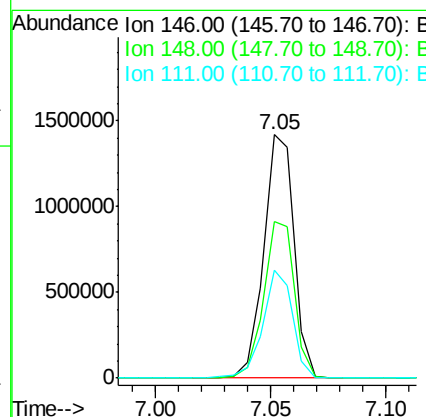
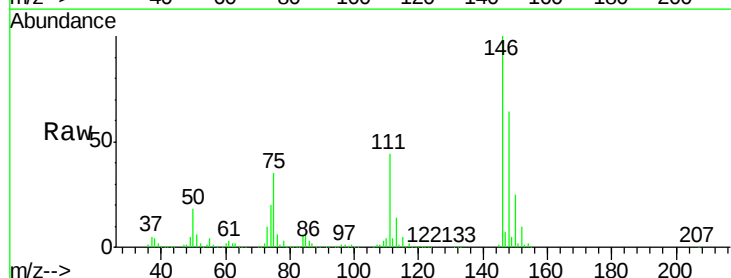
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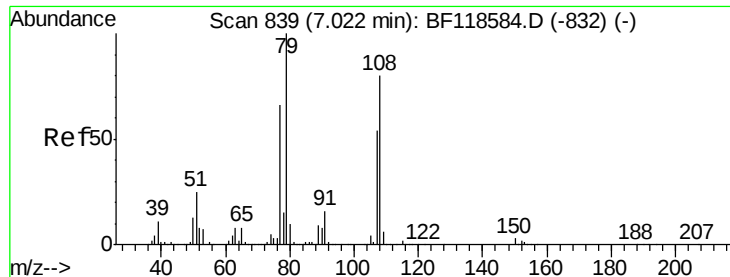
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#14
 1,2-Dichlorobenzene
 Concen: 42.586 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Tgt Ion:146 Resp: 1296917
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.7 79.1
 111 44.4 34.6 52.0





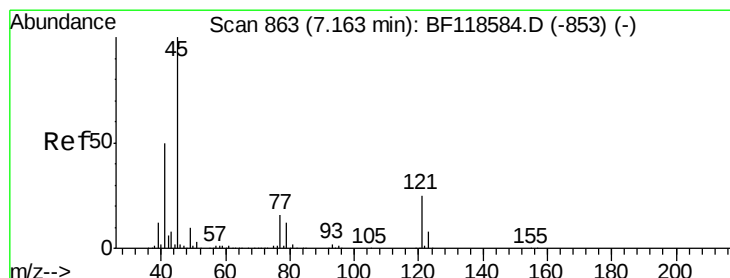
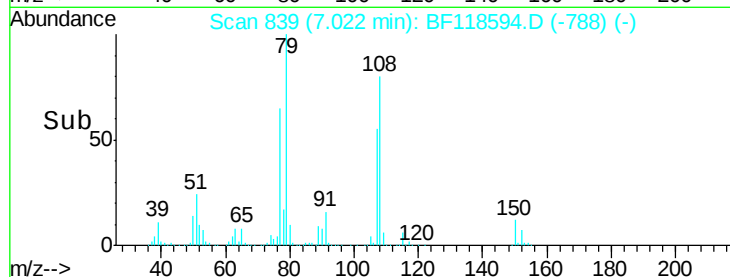
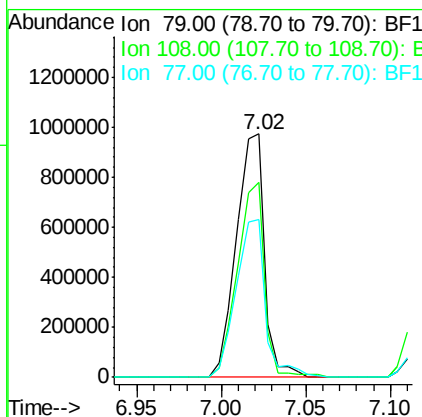
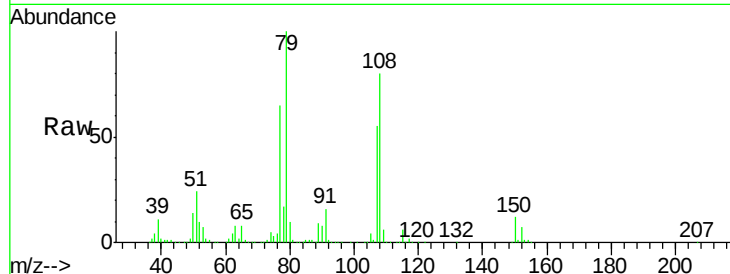
#15
Benzyl Alcohol
Concen: 44.860 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB126152BS

Tot Ion: 79 Resp: 1135857
Ion Ratio Lower Upper
79 100
108 80.1 63.6 95.4
77 64.6 52.5 78.7

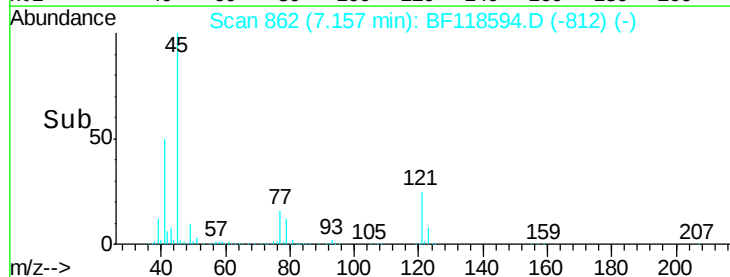
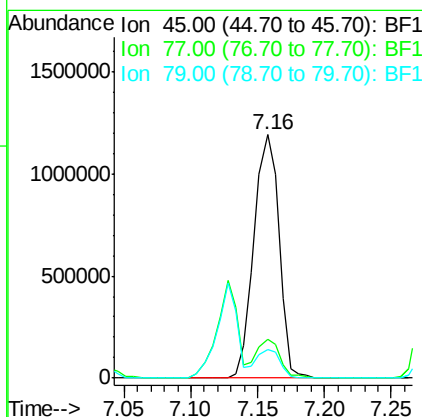
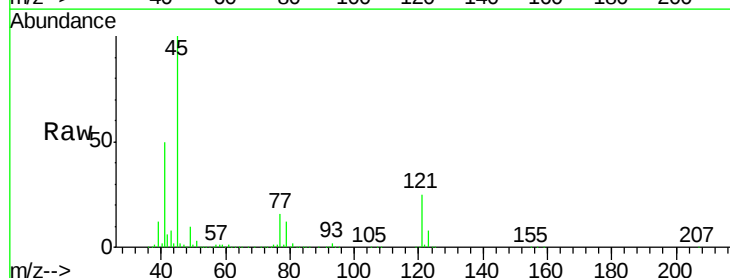
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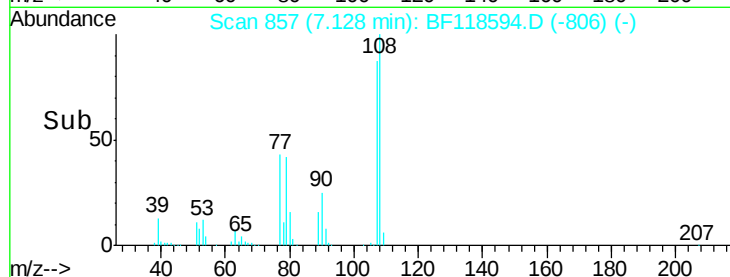
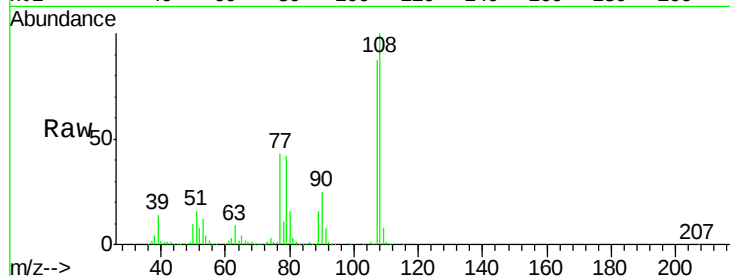
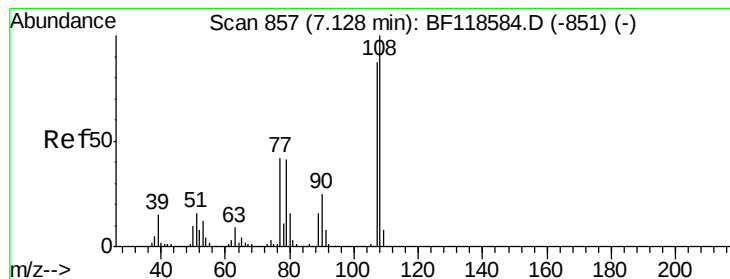
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.005 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion: 45 Resp: 1541919
Ion Ratio Lower Upper
45 100
77 16.1 0.0 36.1
79 12.0 0.0 32.4





#17

2-Methylphenol

Concen: 44.923 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Tot Ion:107 Resp: 1031756

Ion Ratio Lower Upper

107 100

108 115.3 91.5 137.3

77 49.3 38.7 58.1

79 47.8 37.7 56.5

Instrument :

BNA_F

ClientSampleId :

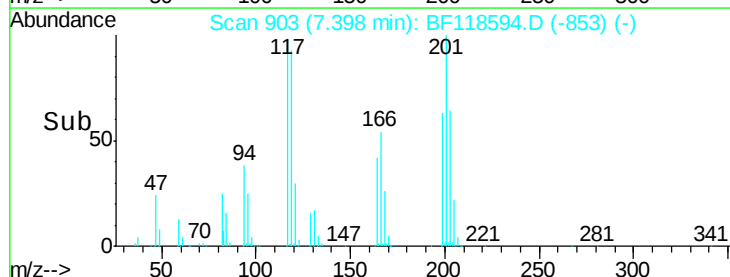
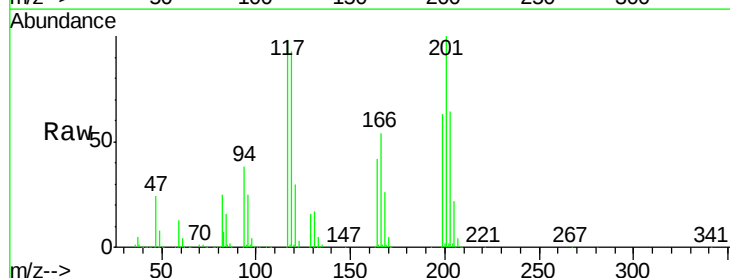
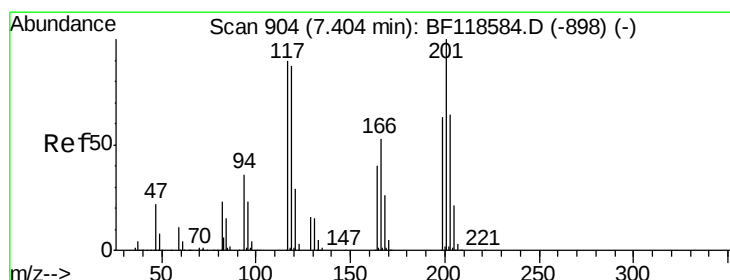
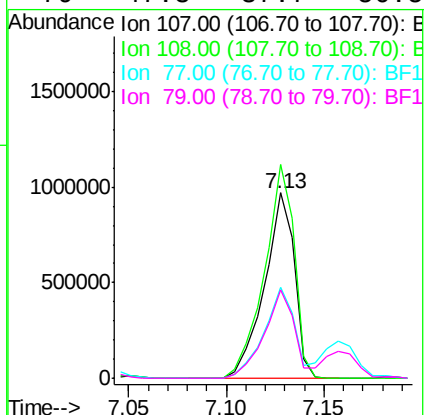
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#18

Hexachloroethane

Concen: 41.379 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

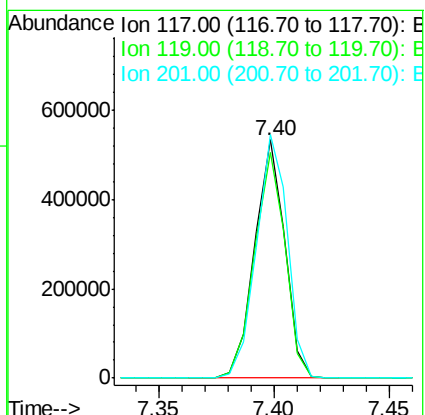
Tgt Ion:117 Resp: 486086

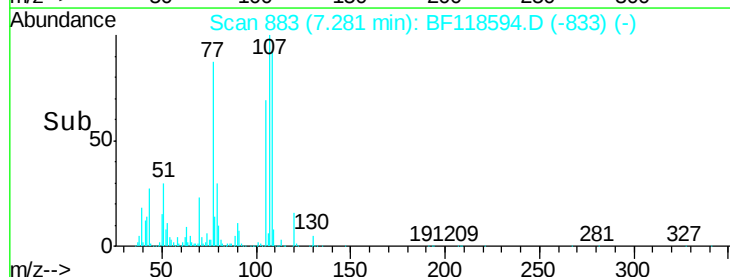
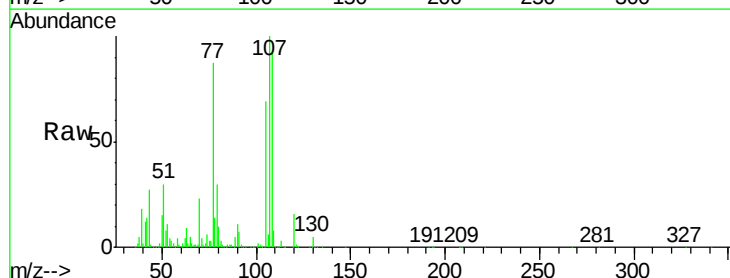
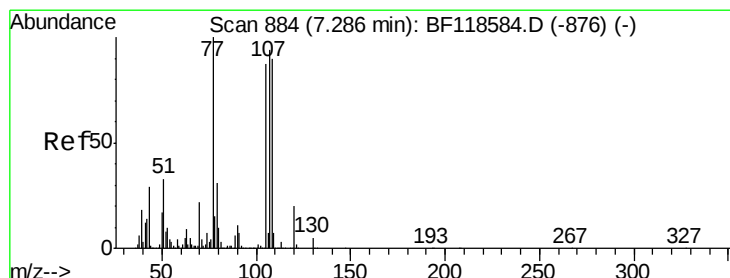
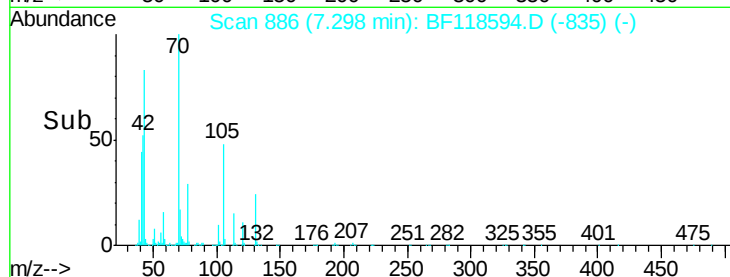
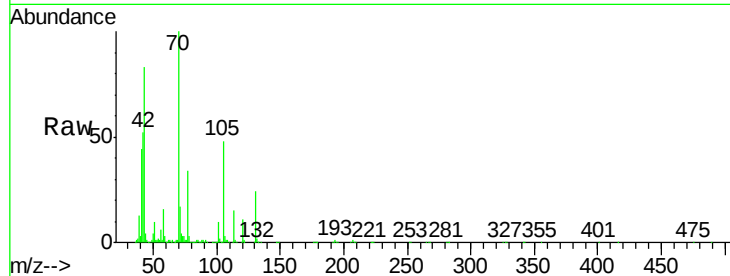
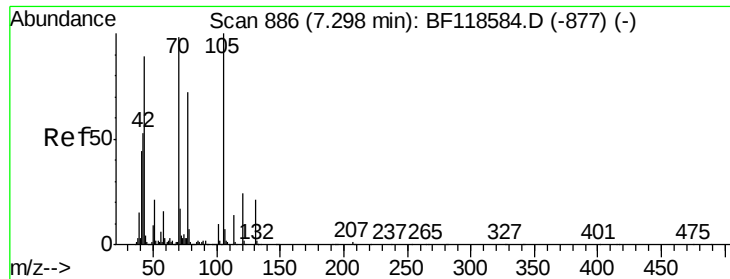
Ion Ratio Lower Upper

117 100

119 95.0 77.6 116.4

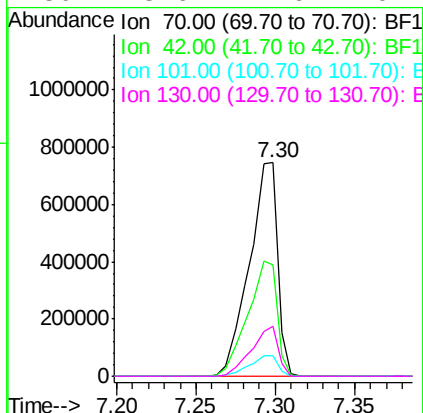
201 102.3 88.8 133.2





#19
n-Nitroso-di-n-propylamine
Concen: 43.159 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tot Ion	Ion	Ratio	Lower	Upper
930475	70	100		
	42	52.2	43.4	65.0
	101	9.8	8.1	12.1
	130	23.6	17.6	26.4



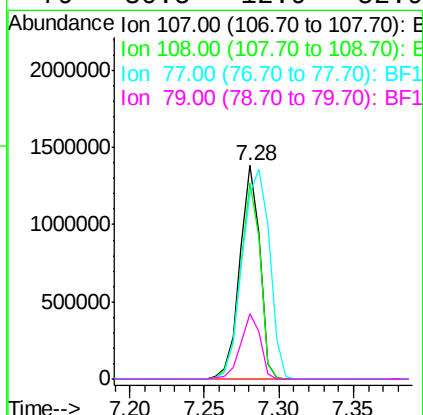
Instrument :
BNA_F
ClientSampleId :
PB126152BS

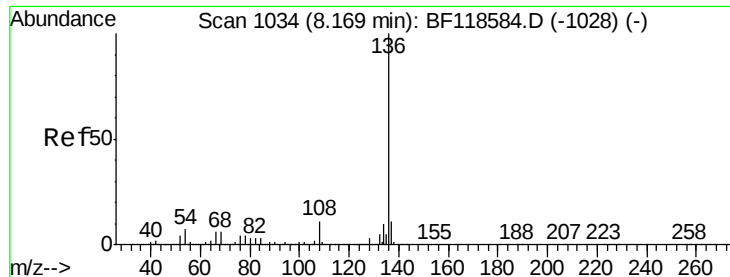
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#20
3+4-Methylphenols
Concen: 45.963 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion	Ion	Ratio	Lower	Upper
1288850	107	100		
	108	91.7	75.8	115.8
	77	87.1	86.5	126.5
	79	30.5	12.9	52.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

PB126152BS

Tot Ion:136 Resp: 1706898

Ion Ratio Lower Upper

136 100

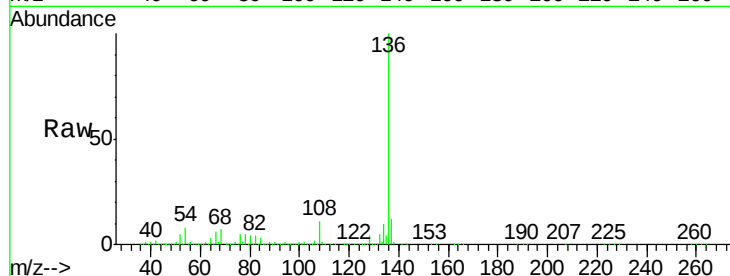
137 11.8 9.1 13.7

54 7.8 5.8 8.6

68 6.6 5.0 7.4

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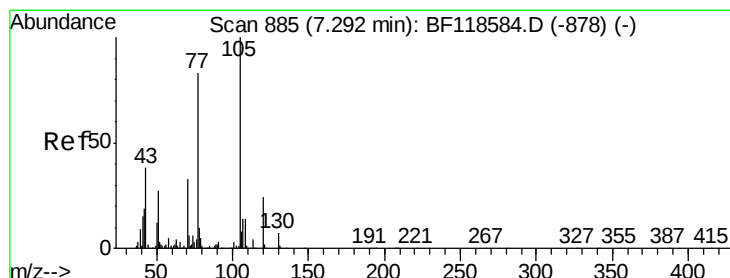
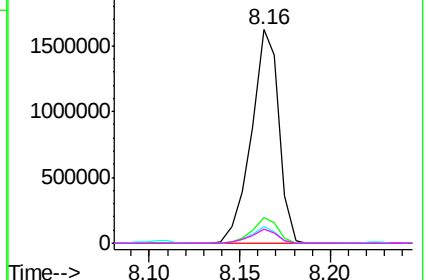
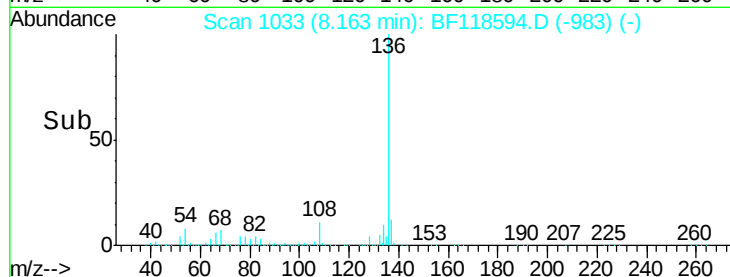


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.331 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Tgt Ion:105 Resp: 1671202

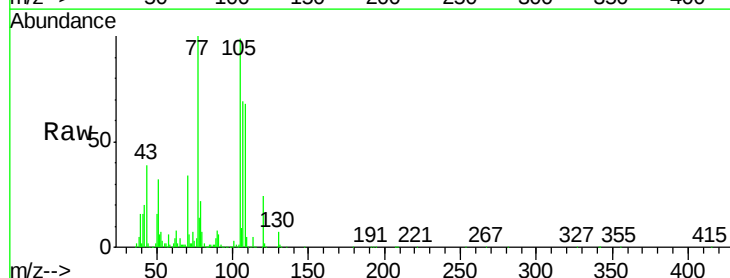
Ion Ratio Lower Upper

105 100

71 6.0 4.5 6.7

51 32.8 21.5 32.3#

120 24.0 19.0 28.6

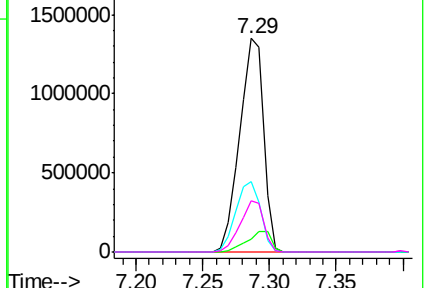
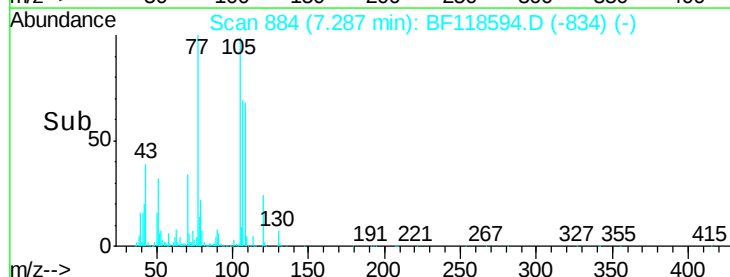


Abundance Ion 105.00 (104.70 to 105.70): E

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





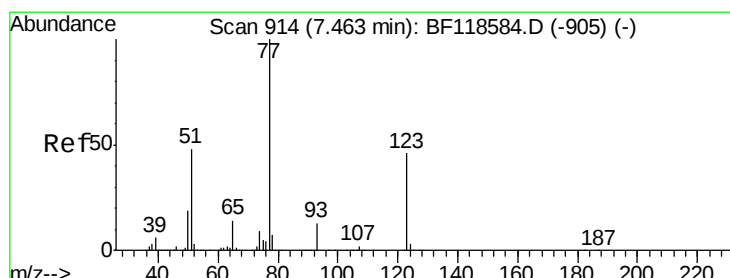
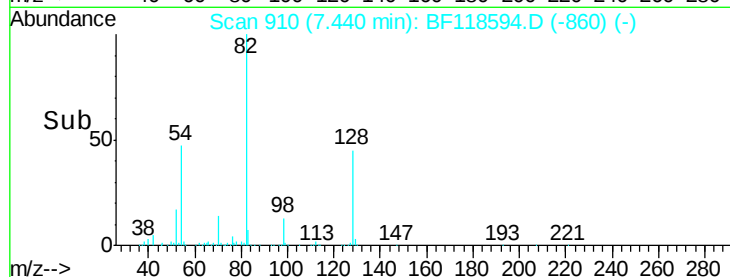
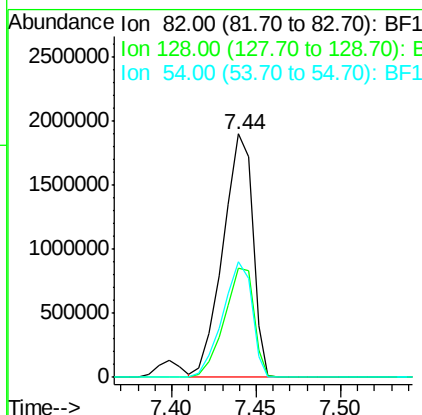
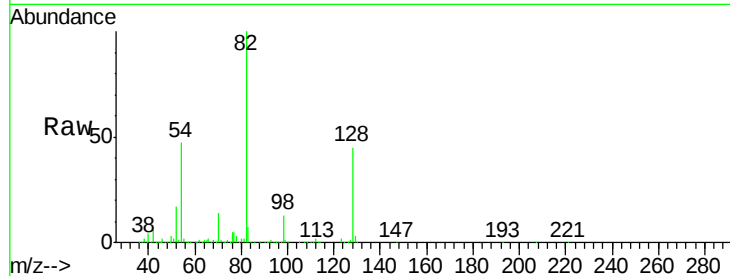
#23
 Nitrobenzene-d5
 Concen: 76.264 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Instrument :
 BNA_F
 ClientSampleID :
 PB126152BS

Tot Ion: 82 Resp: 2327287
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.6 54.8
 54 47.5 38.0 57.0

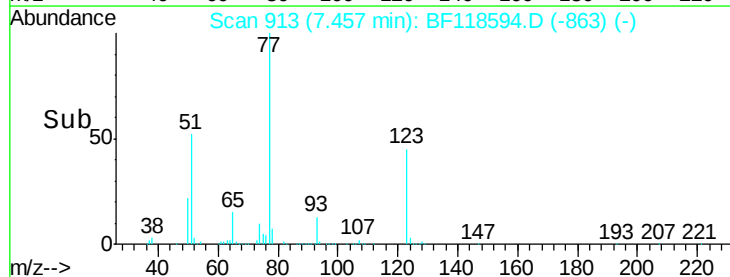
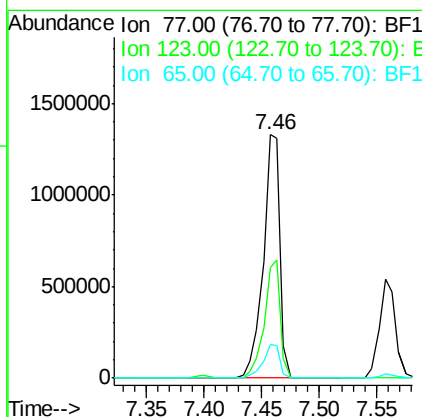
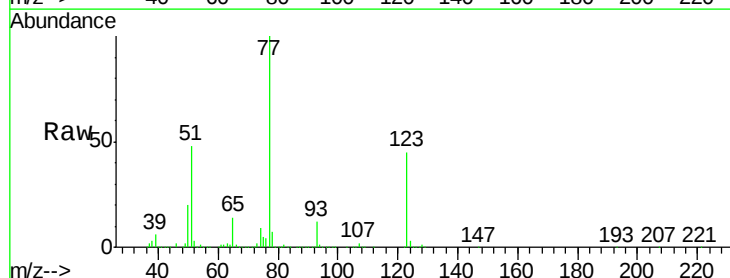
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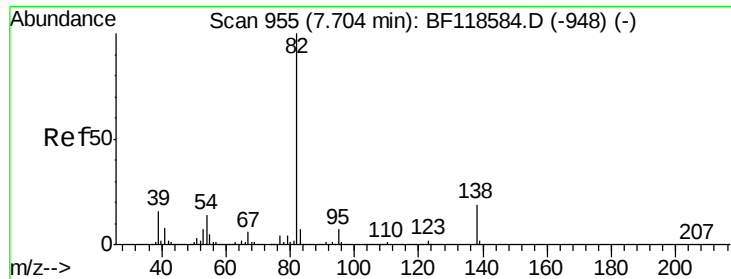
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#24
 Nitrobenzene
 Concen: 43.353 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Tgt Ion: 77 Resp: 1354625
 Ion Ratio Lower Upper
 77 100
 123 45.5 37.0 55.4
 65 13.6 11.1 16.7





#25

Isophorone

Concen: 43.791 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

PB126152BS

Tot Ion: 82 Resp: 2437421

Ion Ratio Lower Upper

82 100

95 7.5 5.9 8.9

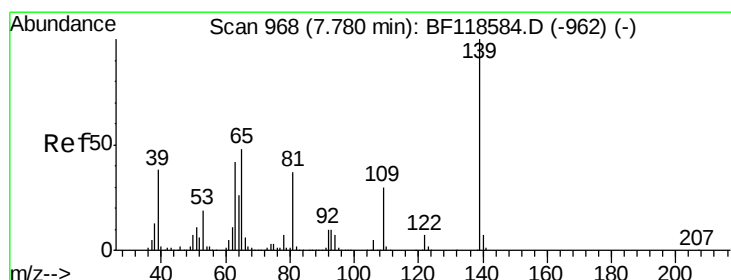
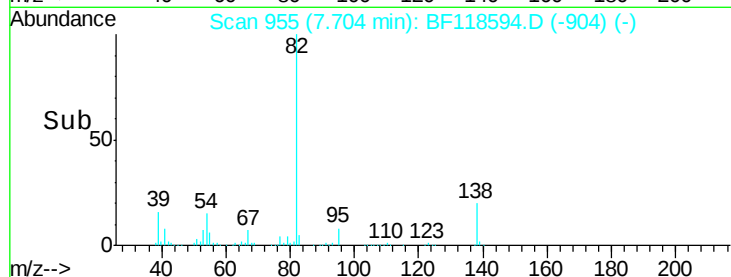
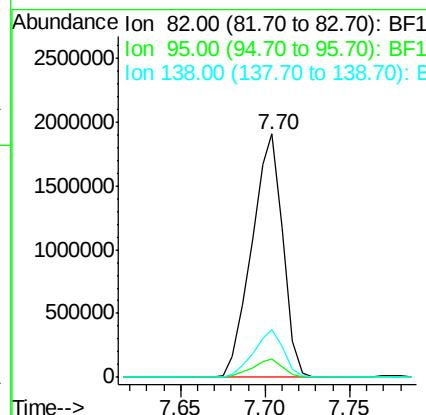
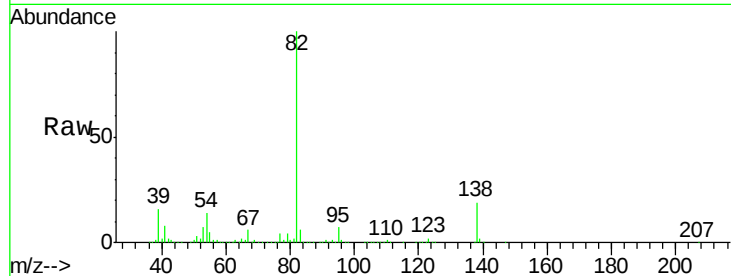
138 19.4 15.3 22.9

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#26

2-Nitrophenol

Concen: 46.005 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

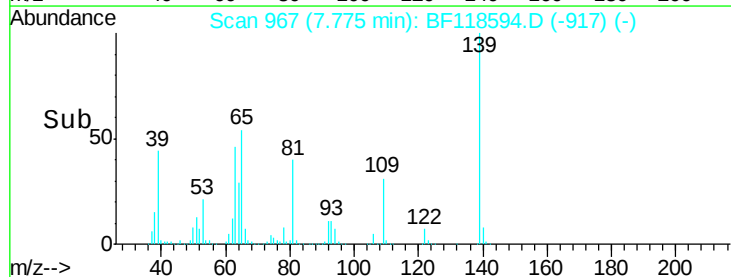
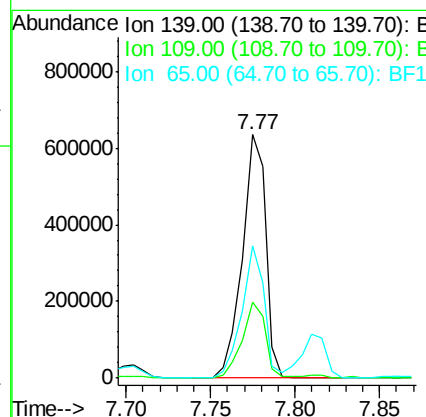
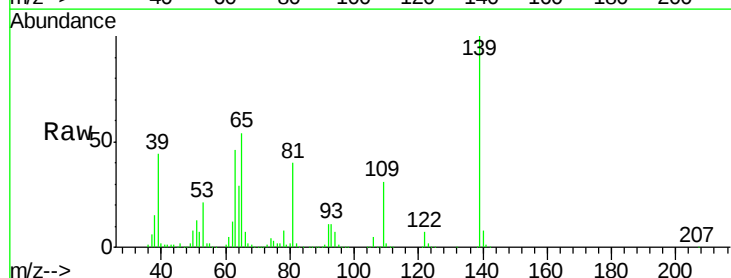
Tgt Ion: 139 Resp: 613012

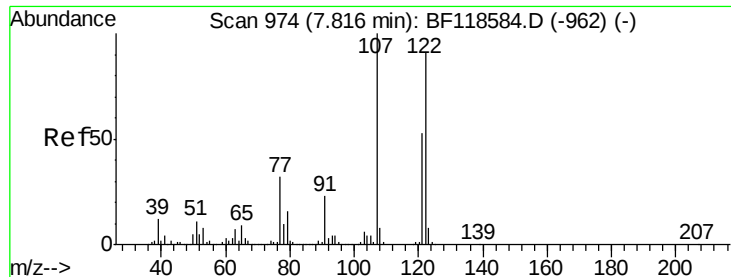
Ion Ratio Lower Upper

139 100

109 31.2 23.8 35.8

65 54.1 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 52.240 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

PB126152BS

Tot Ion:122 Resp: 1202012

Ion Ratio Lower Upper

122 100

107 110.3 88.0 132.0

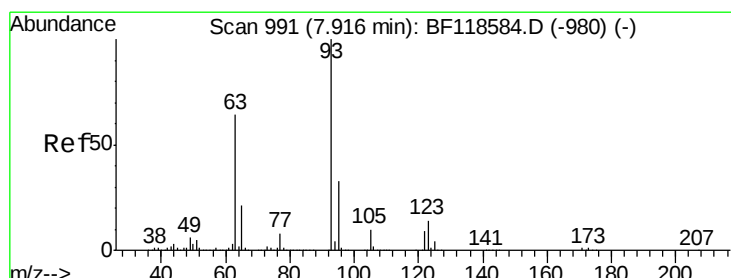
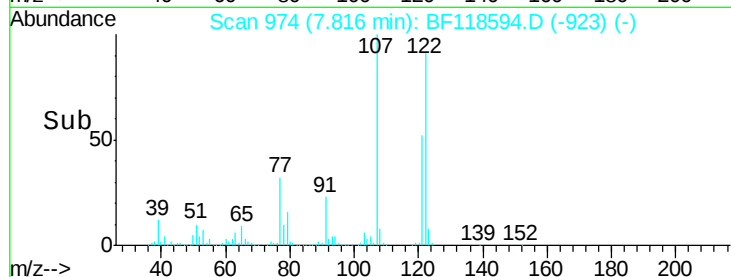
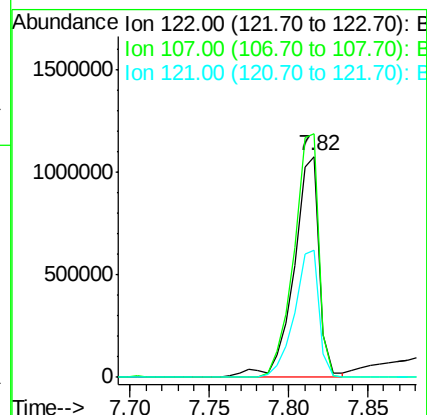
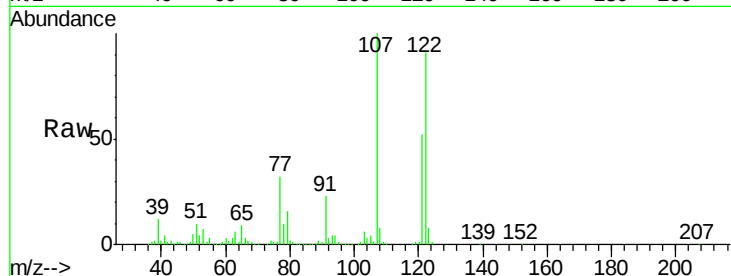
121 57.7 46.3 69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 41.432 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

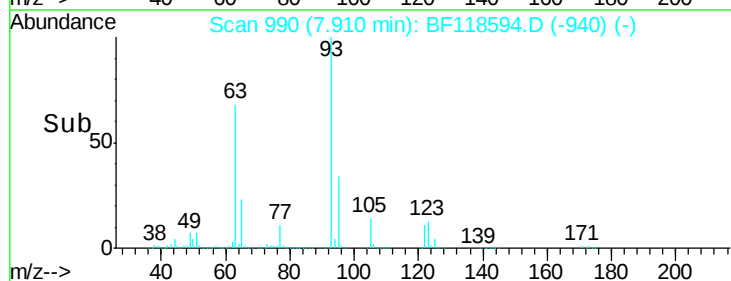
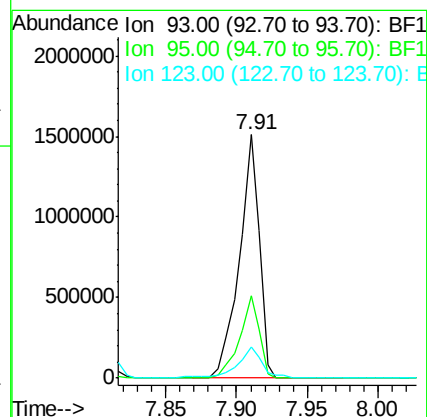
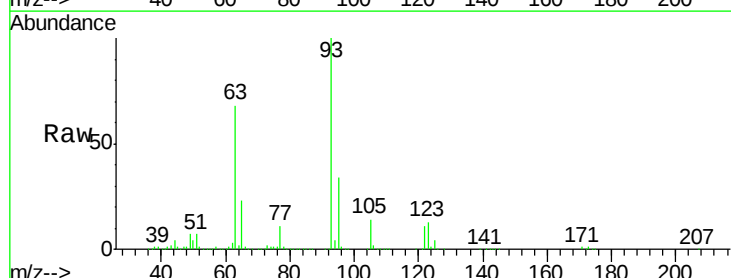
Tgt Ion: 93 Resp: 1485924

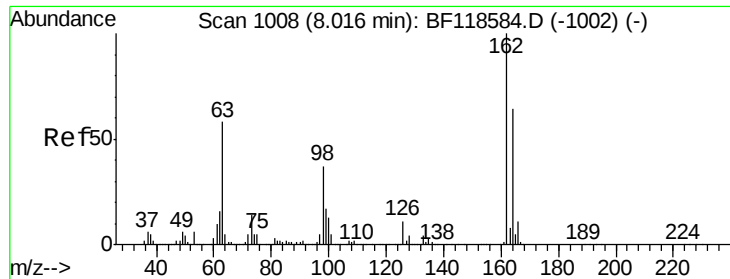
Ion Ratio Lower Upper

93 100

95 33.9 26.7 40.1

123 12.9 11.0 16.6





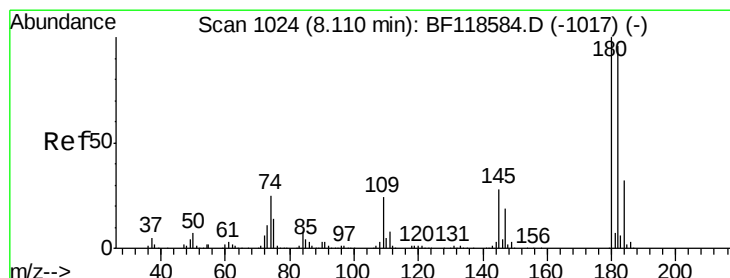
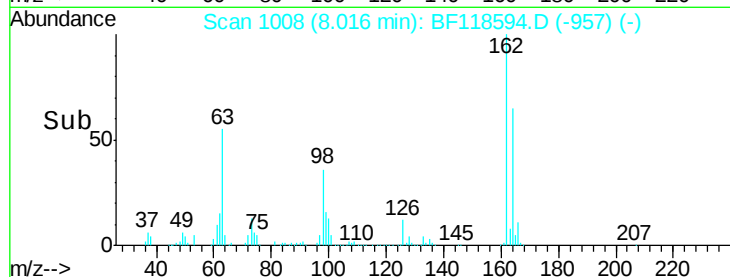
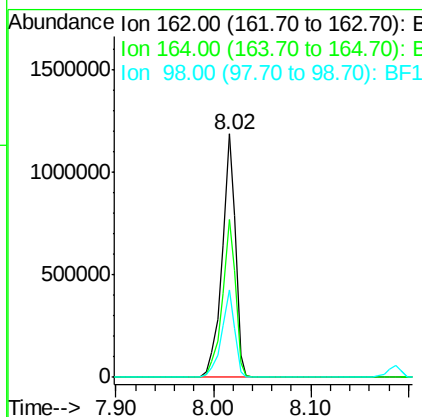
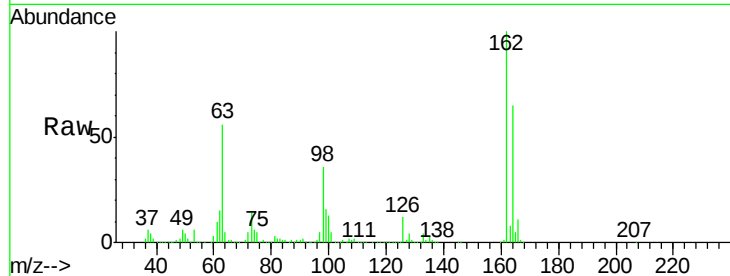
#29
2,4-Dichlorophenol
Concen: 44.299 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB126152BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.3	84.3
98	36.0	17.5	57.5

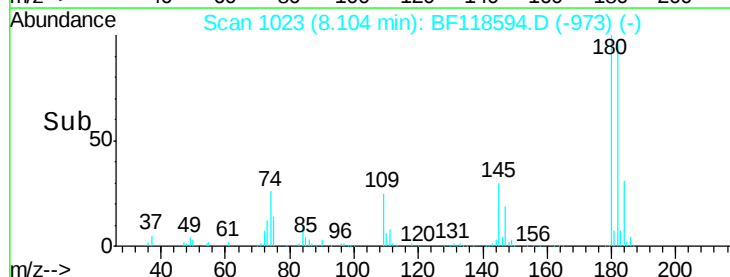
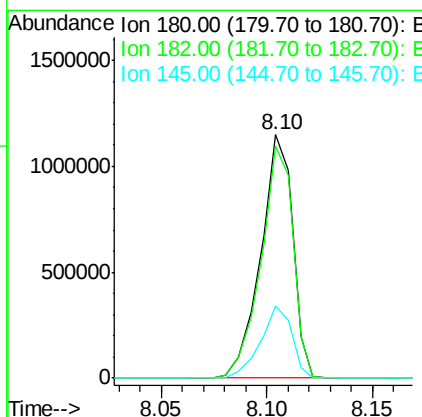
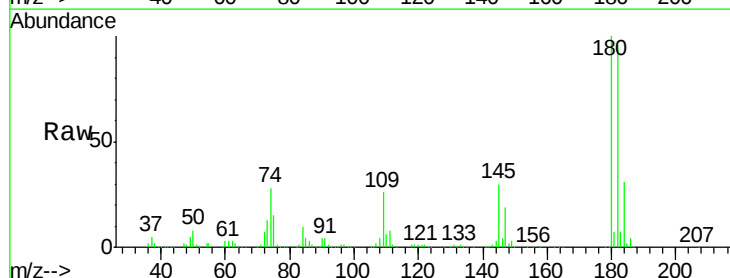
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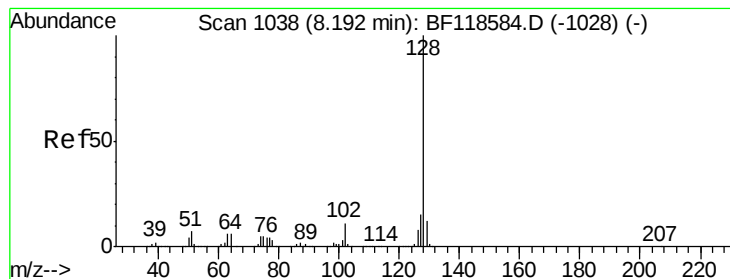
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#30
1,2,4-Trichlorobenzene
Concen: 41.029 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.9	115.3
145	29.8	22.8	34.2





#31

Naphthalene

Concen: 43.959 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

PB126152BS

Tot Ion:128 Resp: 3389550

Ion Ratio Lower Upper

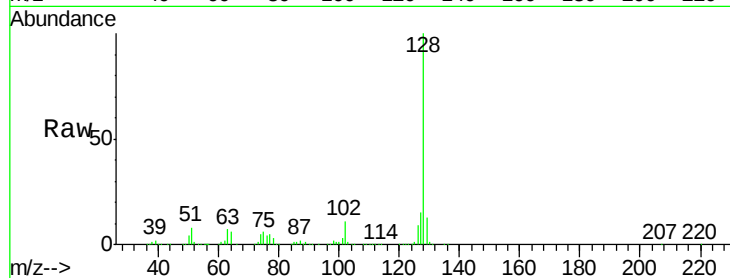
128 100

129 12.9 9.9 14.9

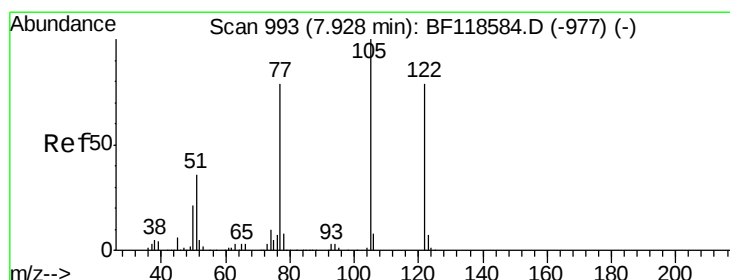
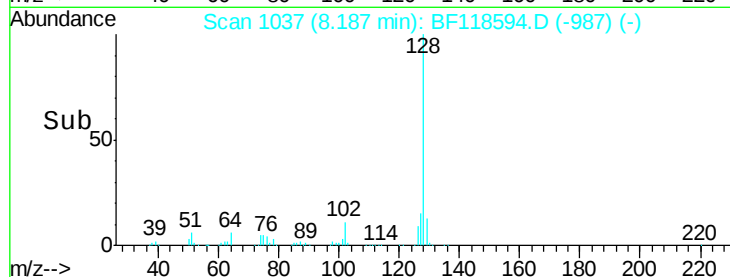
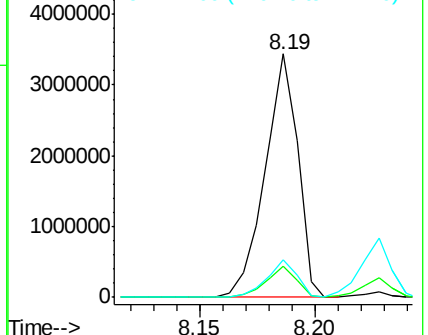
127 15.3 12.0 18.0

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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: 42.926 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

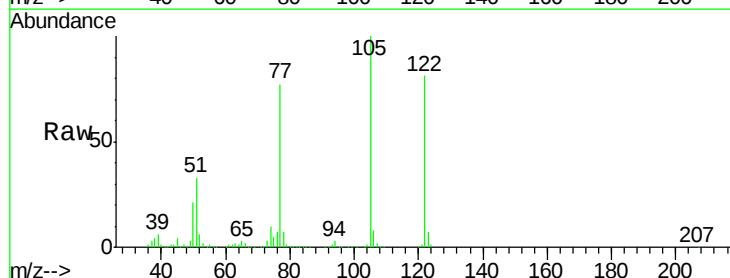
Tgt Ion:122 Resp: 741273

Ion Ratio Lower Upper

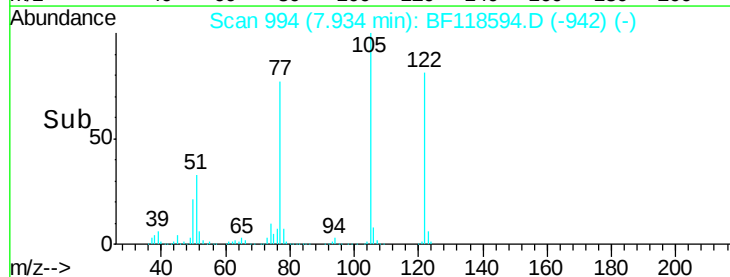
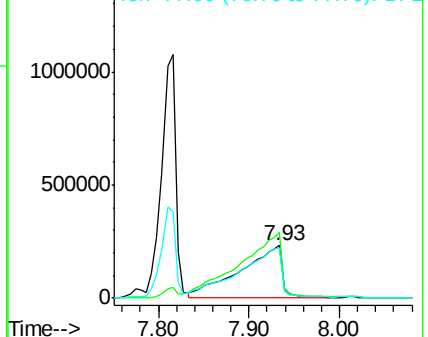
122 100

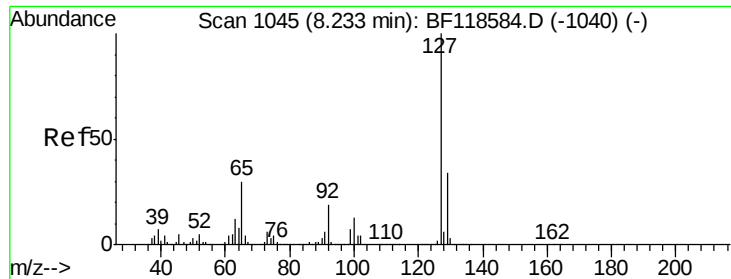
105 124.1 104.3 144.3

77 96.0 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





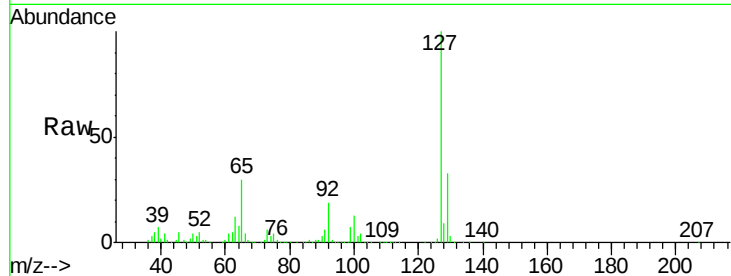
#33
4-Chloroaniline
Concen: 20.937 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB126152BS

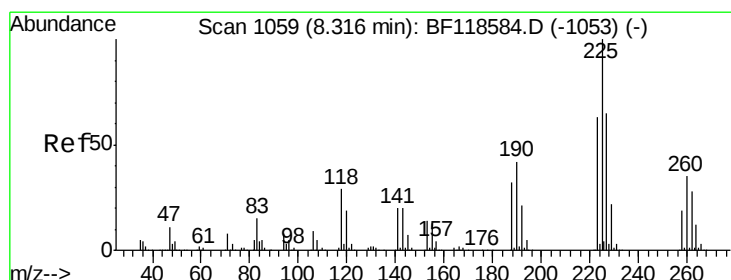
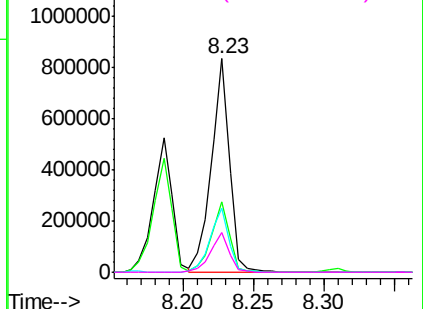
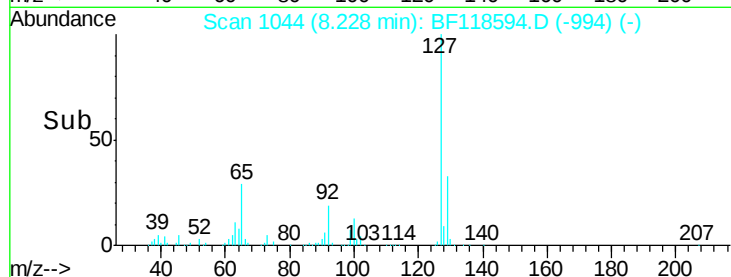
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		746150		
129	33.0	27.4	41.0		
65	29.8	23.6	35.4		
92	18.7	15.0	22.4		

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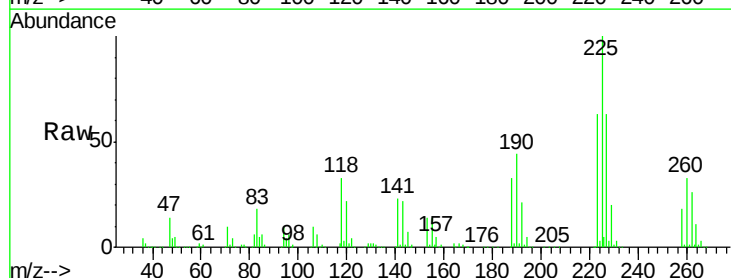


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

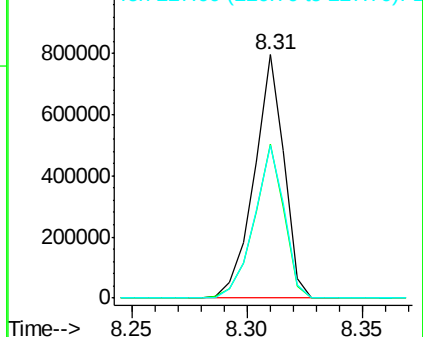
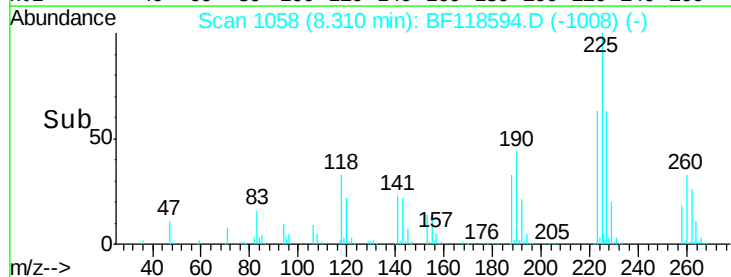


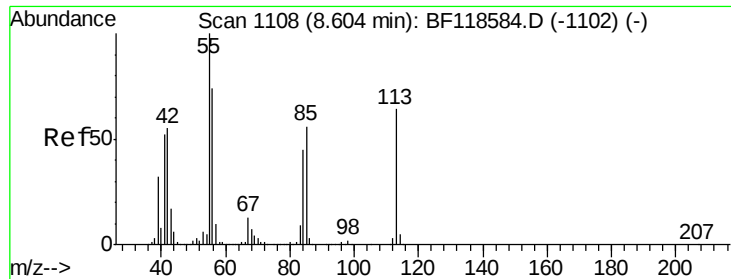
#34
Hexachlorobutadiene
Concen: 39.903 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		716675		
223	63.2	50.2	75.4		
227	62.8	52.1	78.1		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





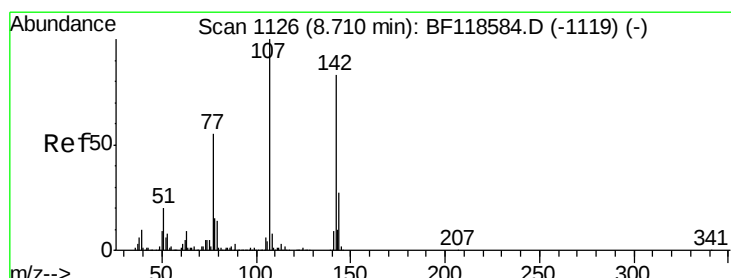
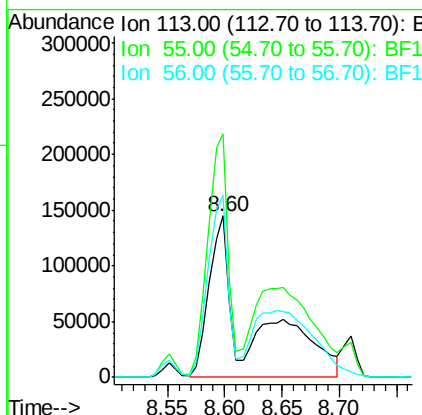
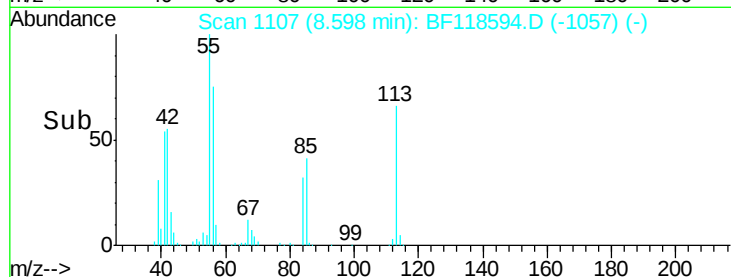
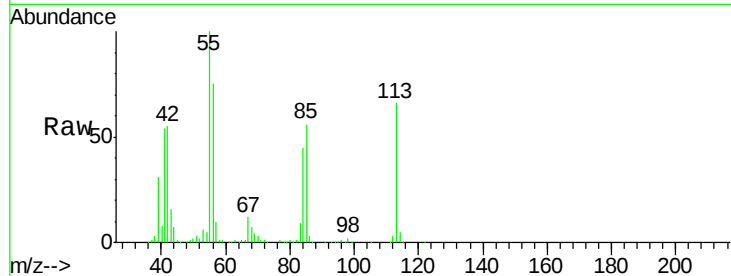
#35
Caprolactam
Concen: 43.451 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB126152BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	150.8	136.1	176.1		
56	113.2	95.2	135.2		

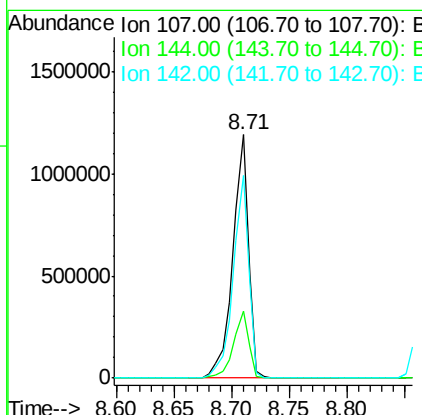
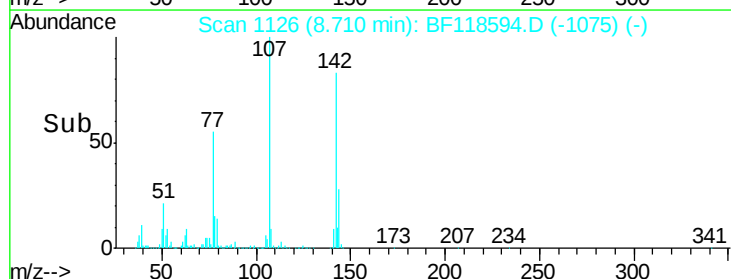
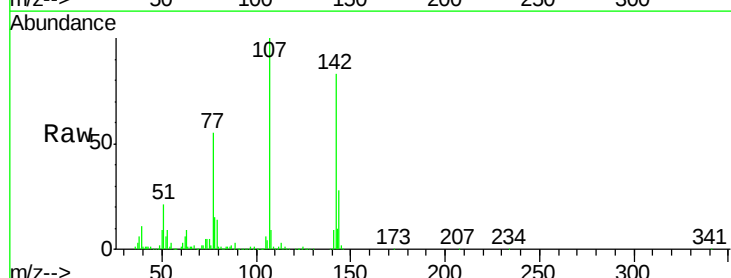
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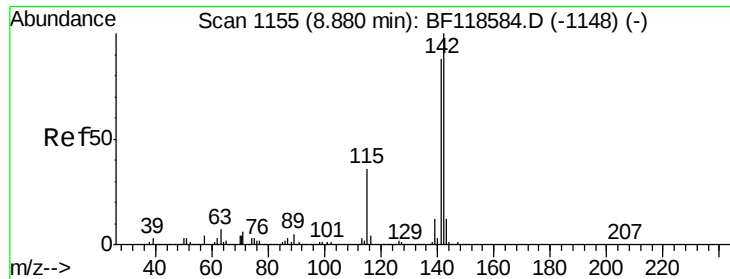
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#36
4-Chloro-3-methylphenol
Concen: 44.757 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.6	21.8	32.8		
142	83.4	66.5	99.7		





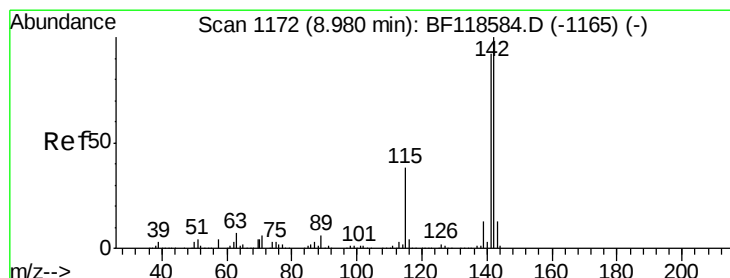
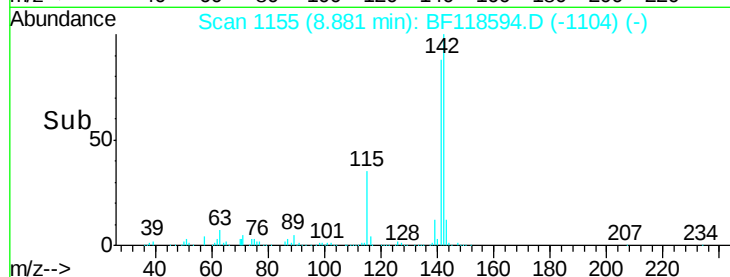
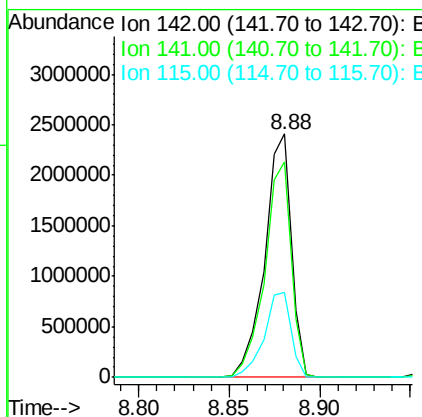
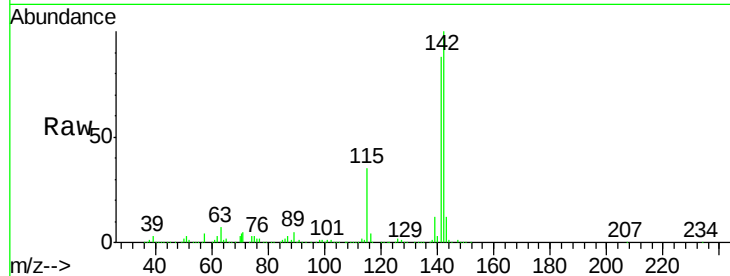
#37
2-Methylnaphthalene
Concen: 45.241 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB126152BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.7	106.1
115	35.1	28.5	42.7

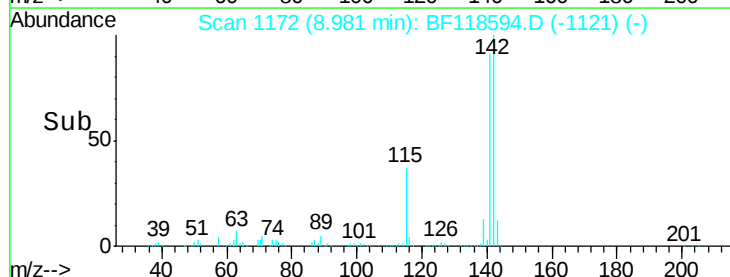
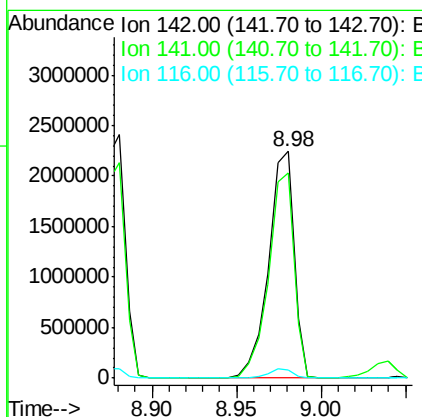
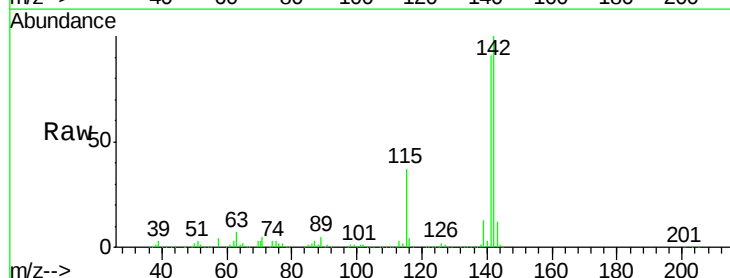
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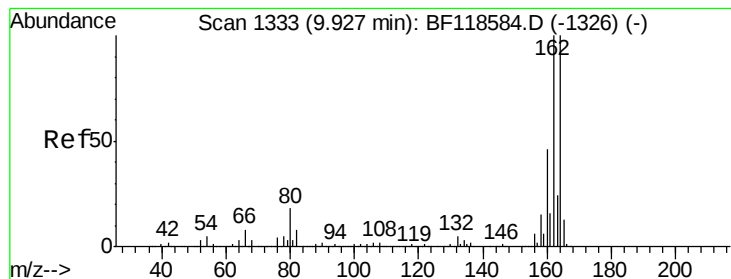
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#38
1-Methylnaphthalene
Concen: 45.270 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.4	110.2
116	3.8	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

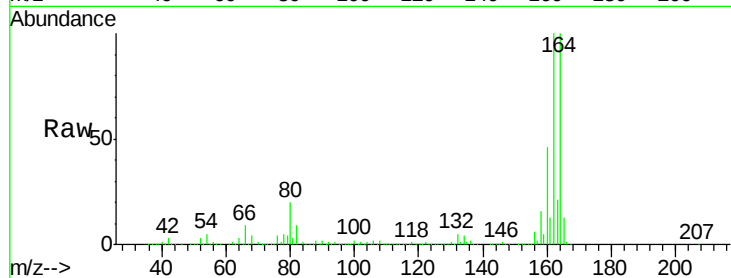
ClientSampled :

PB126152BS

Tot Ion:	164	Resp:	979455
Ion Ratio	Lower	Upper	
164	100		
162	100.2	80.4	120.6
160	46.1	36.6	55.0

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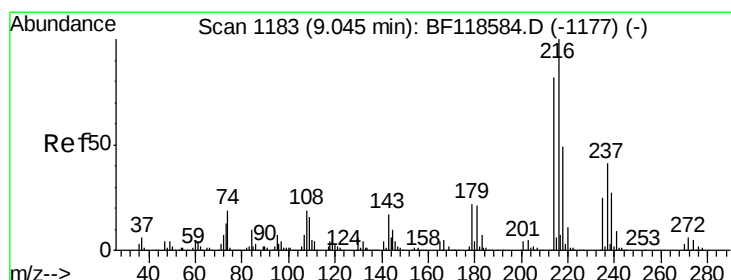
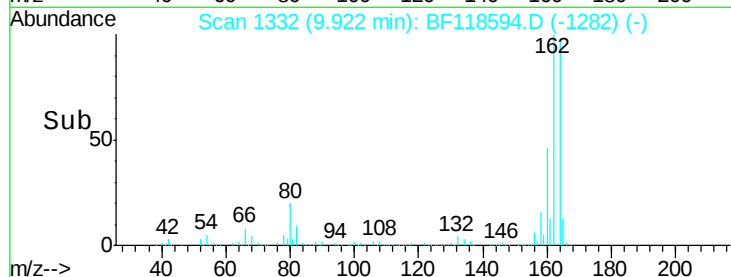
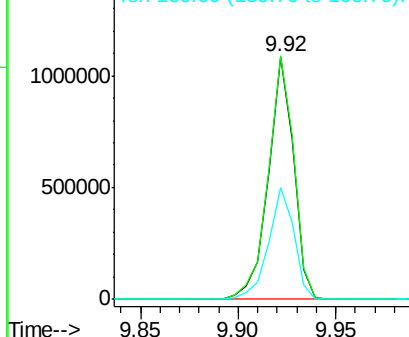


Abundance

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: 40.036 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Tgt Ion:	216	Resp:	1226956
Ion Ratio	Lower	Upper	
216	100		
214	79.4	64.2	96.2
179	20.4	16.6	25.0
108	20.1	14.4	21.6

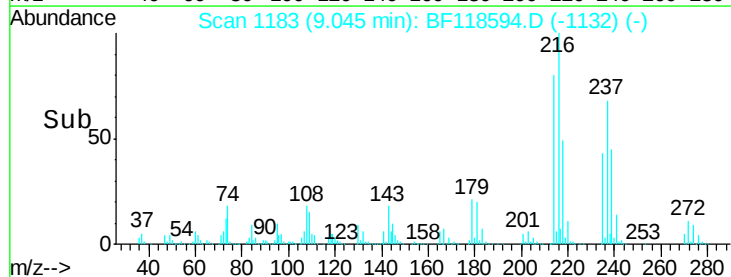
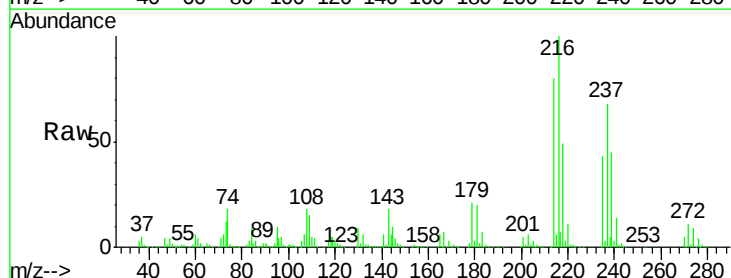
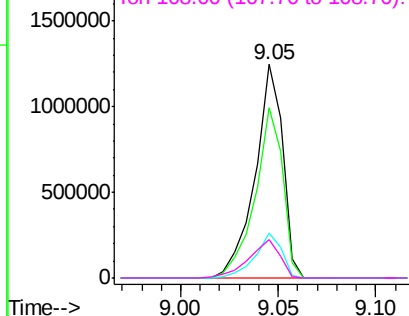
Abundance

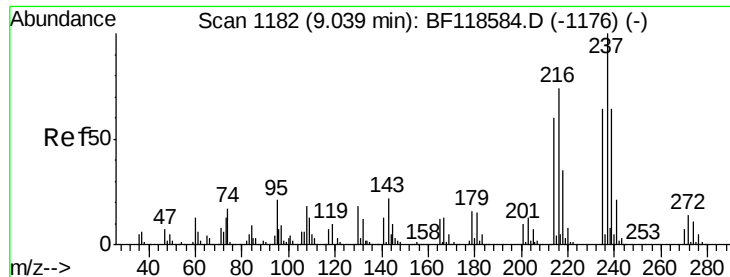
Ion 216.00 (215.70 to 216.70): E

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: 99.002 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

PB126152BS

Tot Ion:237 Resp: 1530781

Ion Ratio Lower Upper

237 100

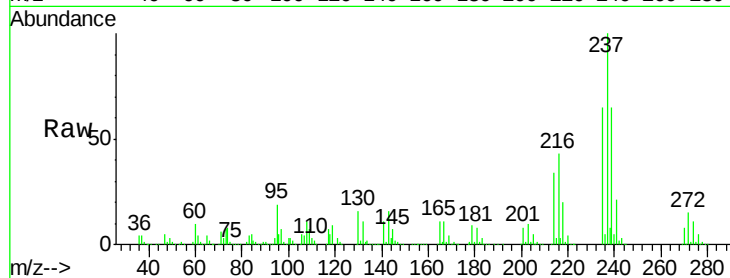
235 65.3 44.0 84.0

272 14.5 0.0 34.0

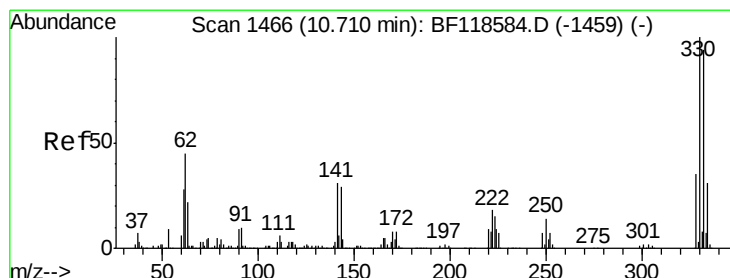
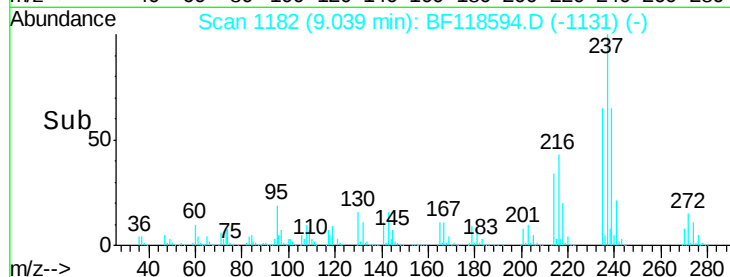
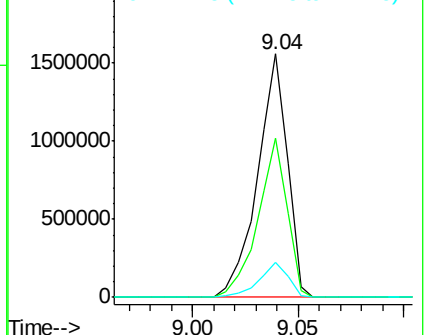
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 126.820 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

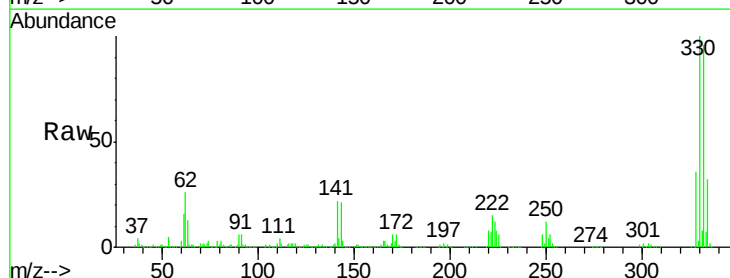
Tgt Ion:330 Resp: 1436700

Ion Ratio Lower Upper

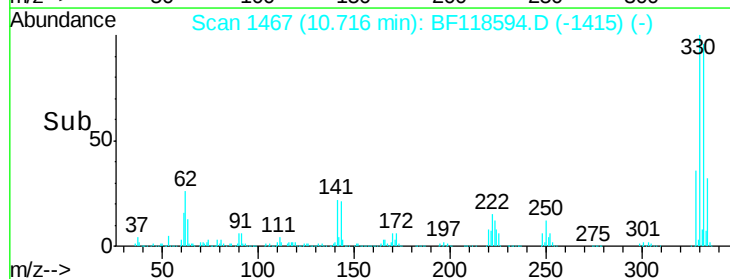
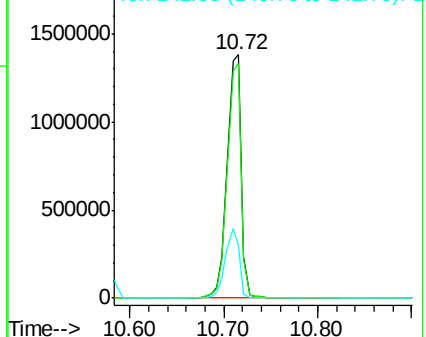
330 100

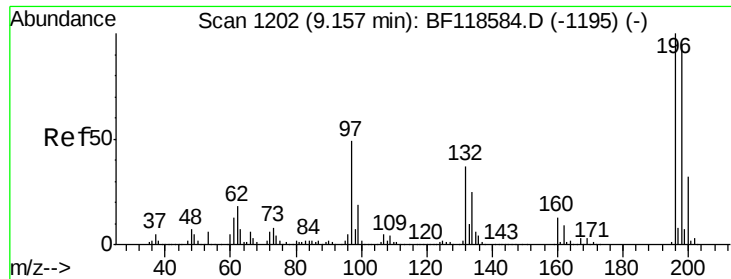
332 96.0 76.2 114.4

141 28.8 23.9 35.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





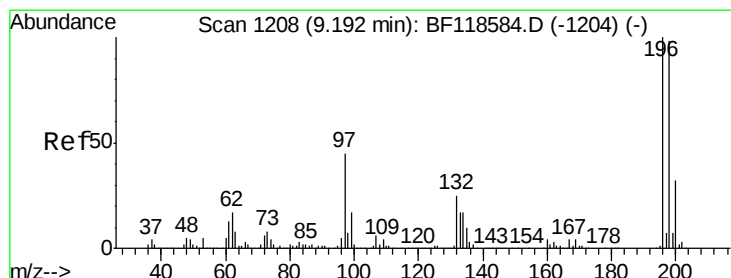
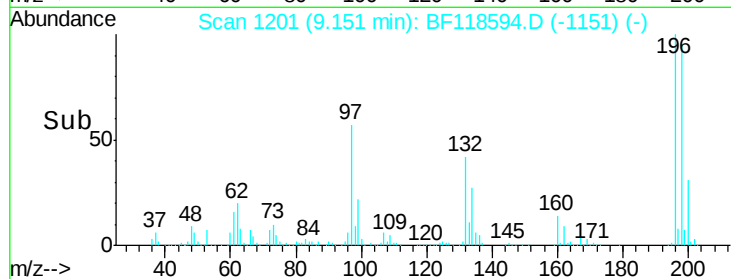
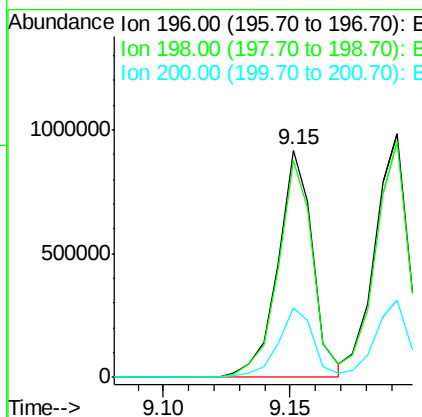
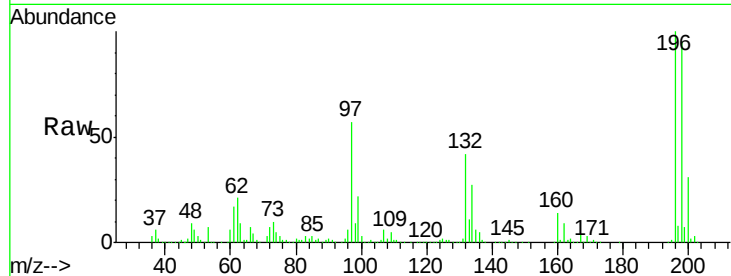
#43
 2,4,6-Trichlorophenol
 Concen: 43.256 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB126152BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	879666		
198	95.5	76.3	114.5	
200	30.8	25.4	38.2	

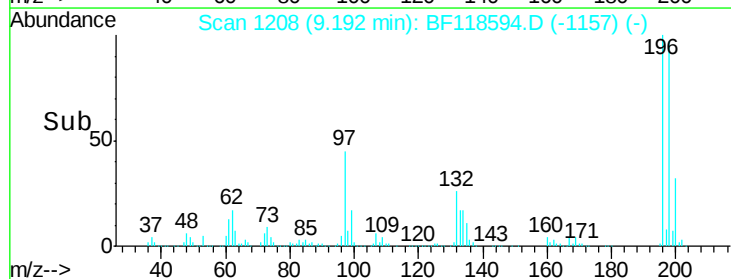
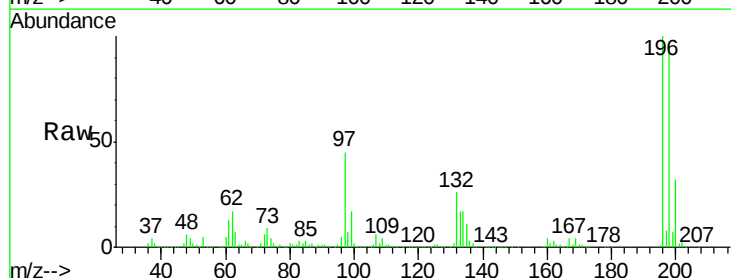
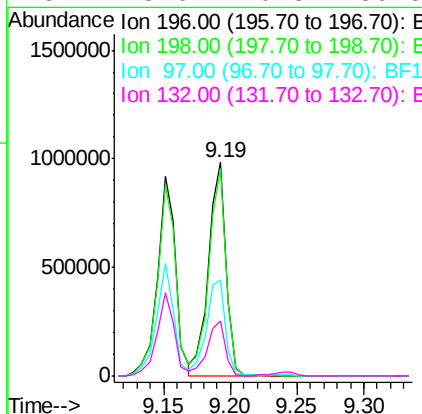
Manual Integrations
 APPROVED

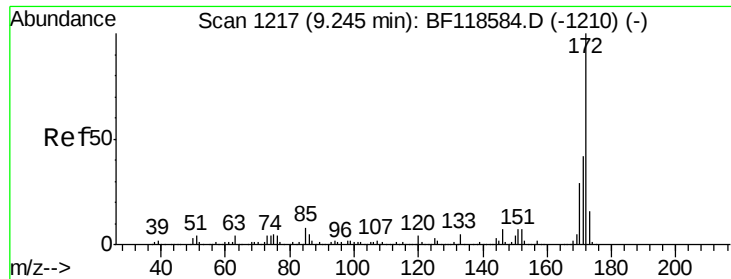
mohammad
 1/21/2020 2:26:06 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.622 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	906021		
198	97.0	78.3	117.5	
97	45.0	35.9	53.9	
132	25.6	20.3	30.5	





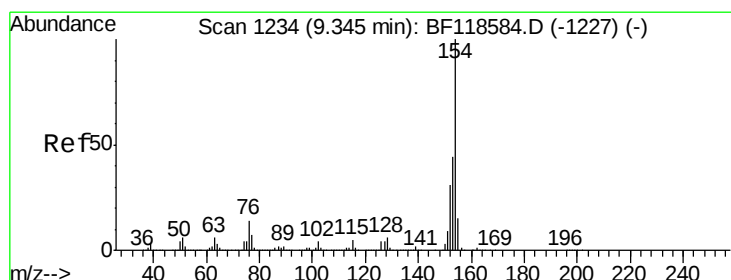
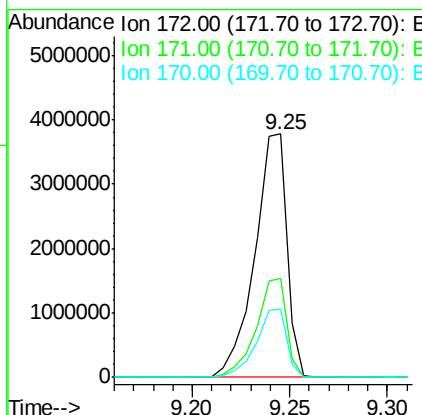
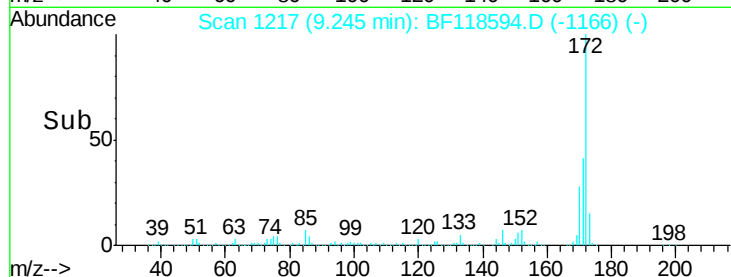
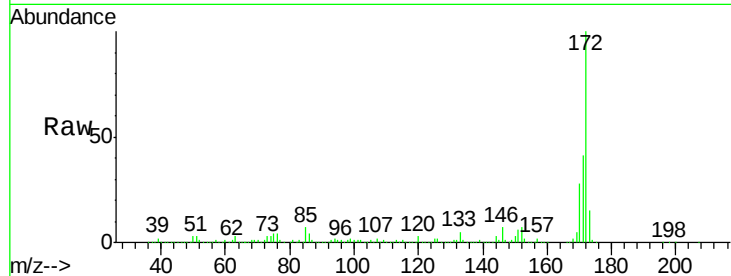
#45
2-Fluorobiphenyl
Concen: 72.333 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB126152BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	40.6	33.4	50.2	
170	27.9	23.2	34.8	

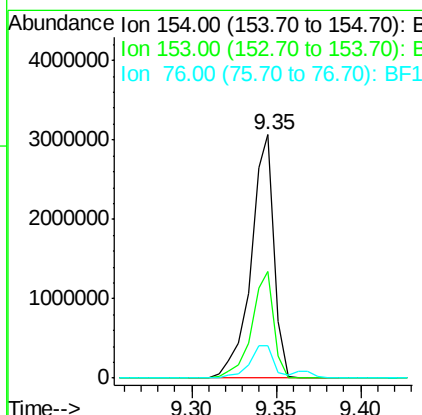
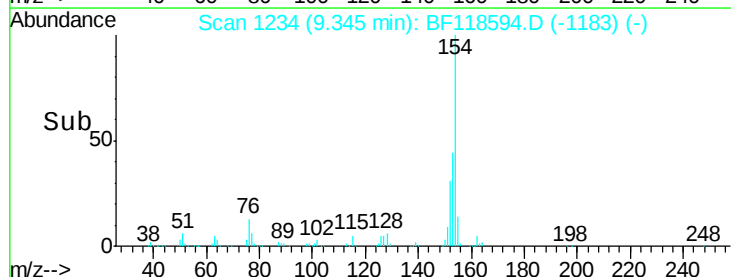
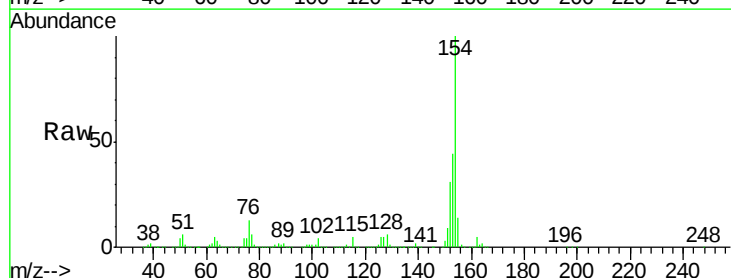
Manual Integrations
APPROVED

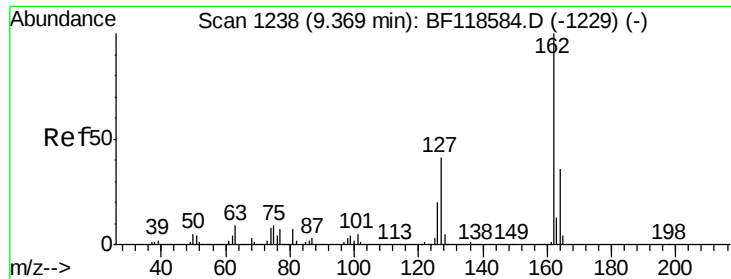
mohammad
1/21/2020 2:26:06 PM



#46
1,1'-Biphenyl
Concen: 42.926 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	43.8	23.8	63.8	
76	13.2	0.0	34.3	





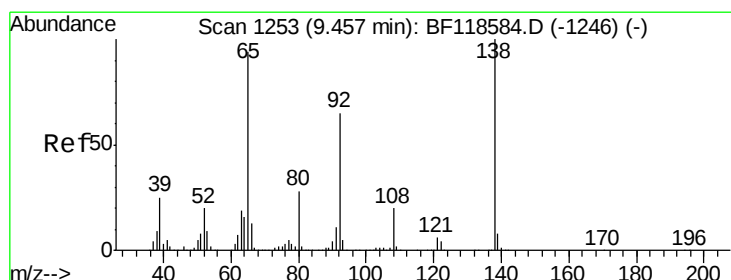
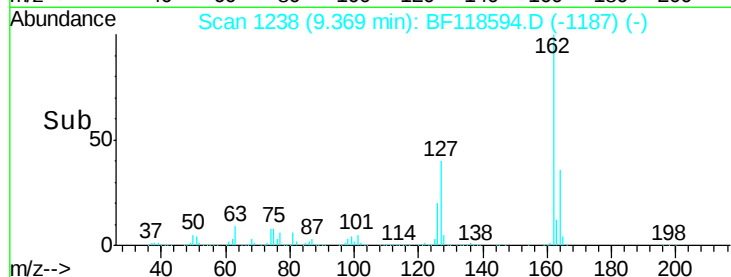
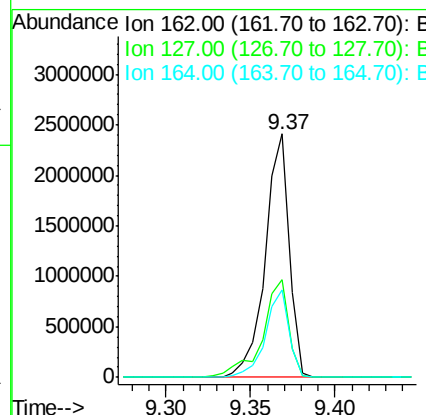
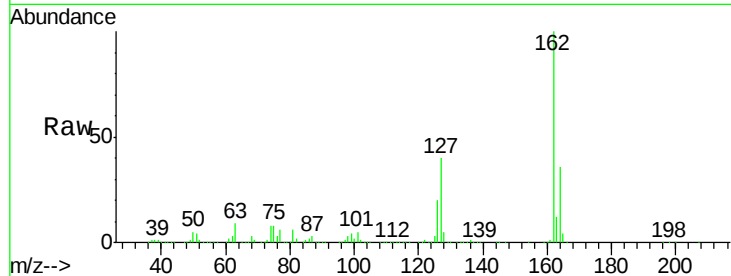
#47
2-Chloronaphthalene
Concen: 41.682 ng
RT: 9.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB126152BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	33.0	49.6
164	35.7	28.6	42.8

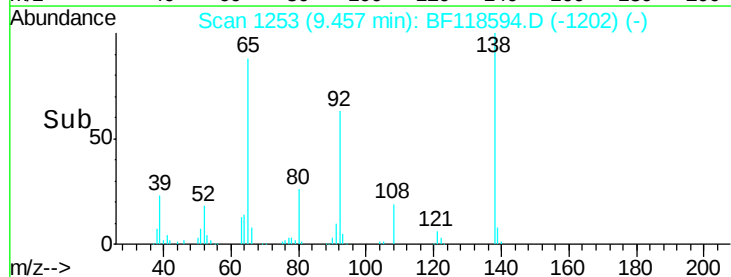
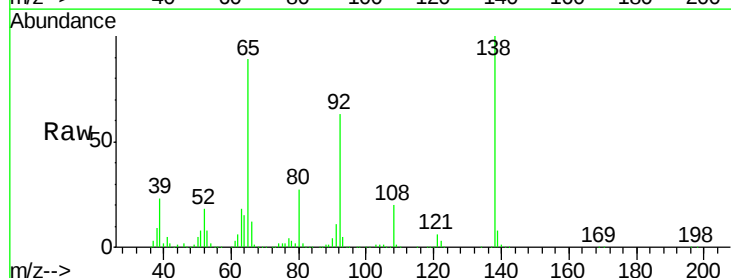
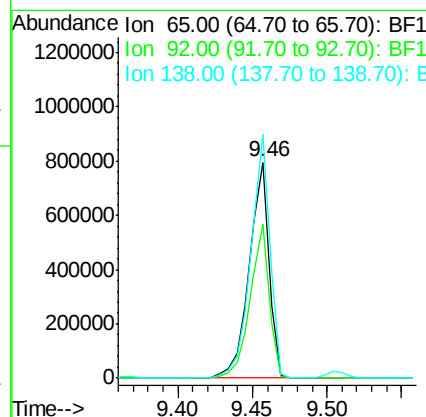
Manual Integrations
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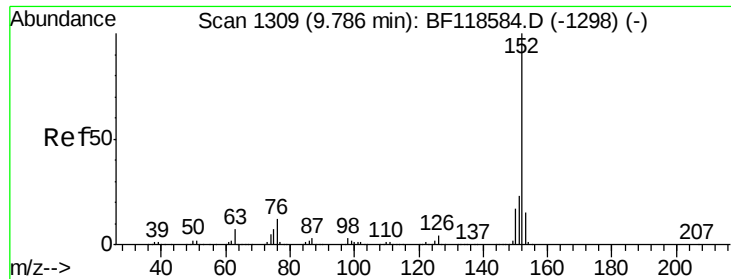
mohammad
1/21/2020 2:26:06 PM



#48
2-Nitroaniline
Concen: 41.497 ng
RT: 9.46 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	55.4	83.0
138	113.0	85.0	127.6





#49

Acenaphthylene

Concen: 44.721 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

PB126152BS

Tot Ion:152 Resp: 3579613

Ion Ratio Lower Upper

152 100

151 23.3 18.6 27.8

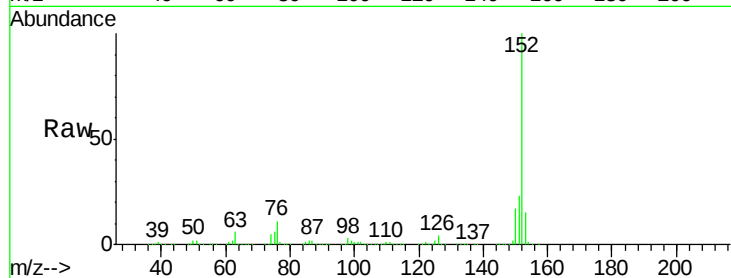
153 15.1 12.2 18.4

Manual Integrations

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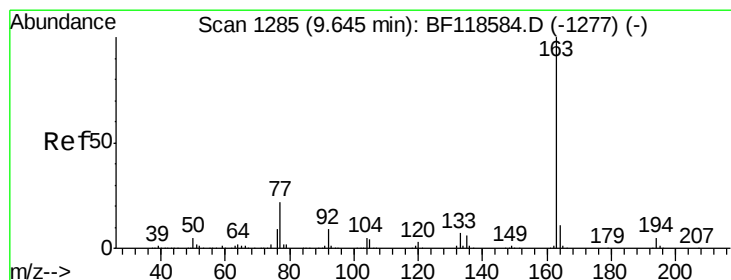
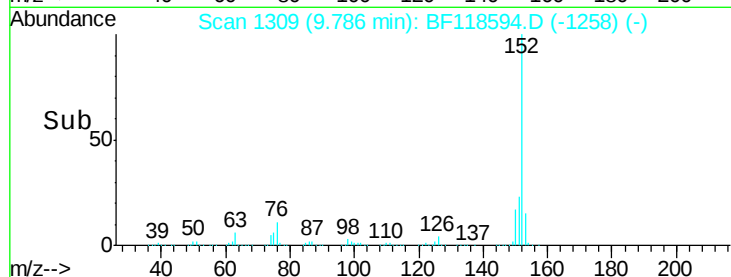
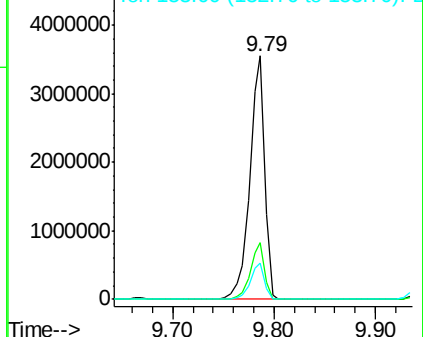
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.538 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

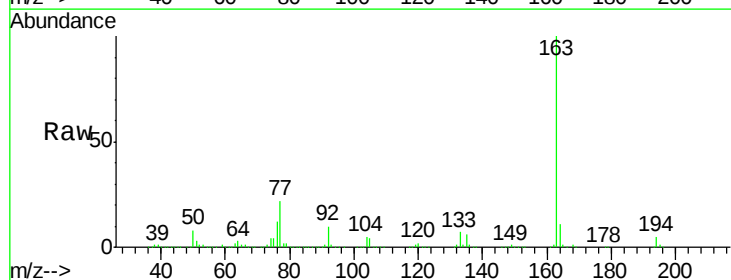
Tgt Ion:163 Resp: 2714475

Ion Ratio Lower Upper

163 100

194 5.1 3.9 5.9

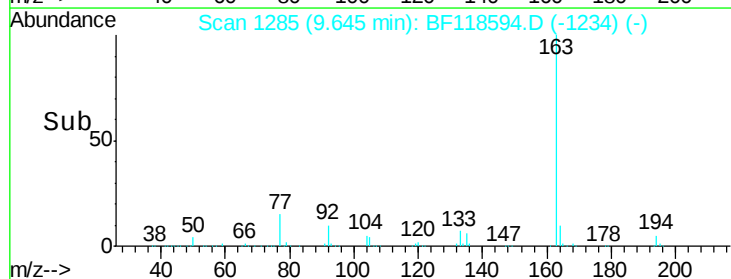
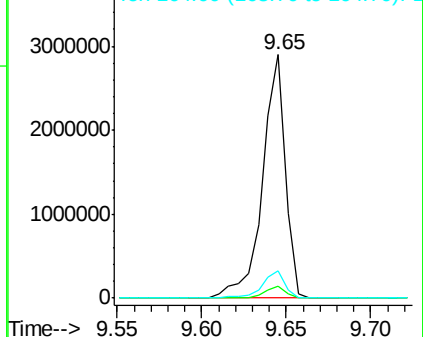
164 11.3 9.1 13.7

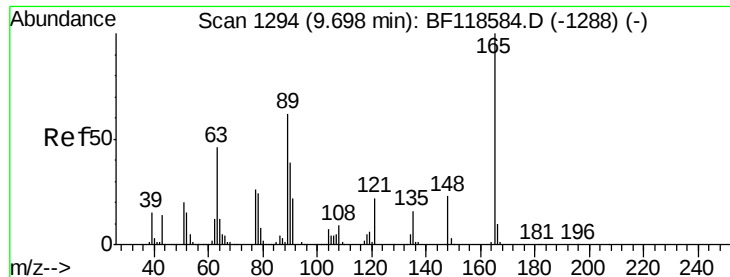


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.240 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

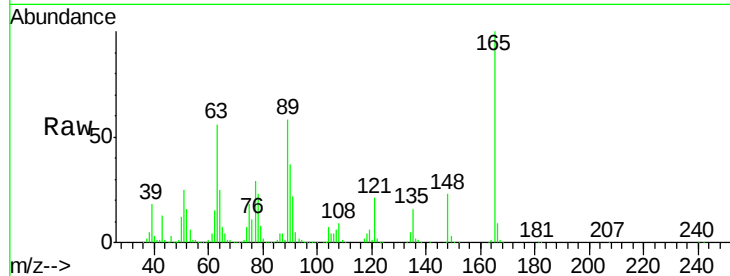
PB126152BS

Tot Ion:165 Resp: 646459
Ion Ratio Lower Upper

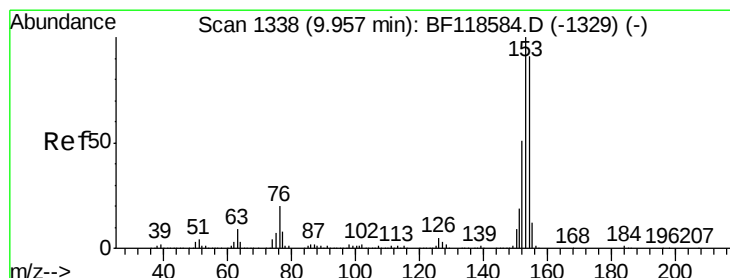
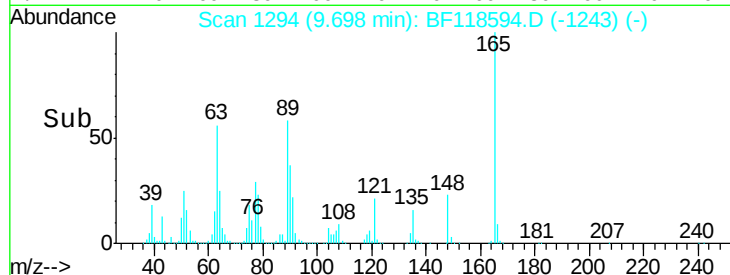
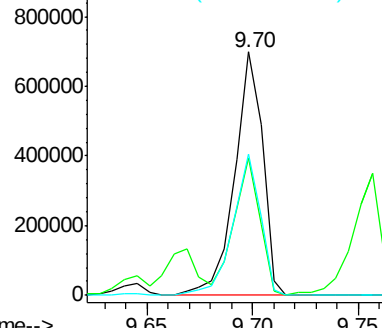
165	100		
63	56.5	48.9	73.3
89	58.1	49.8	74.6

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



#52

Acenaphthene

Concen: 46.391 ng

RT: 9.96 min Scan# 1338

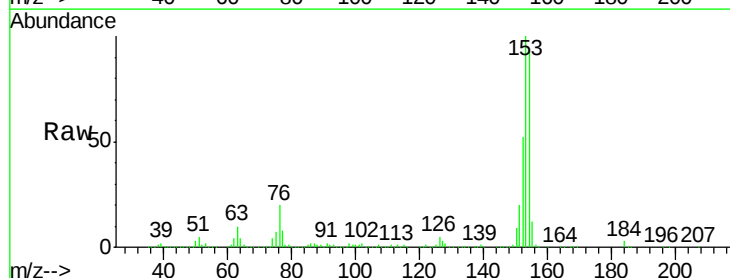
Delta R.T. 0.00 min

Lab File: BF118594.D

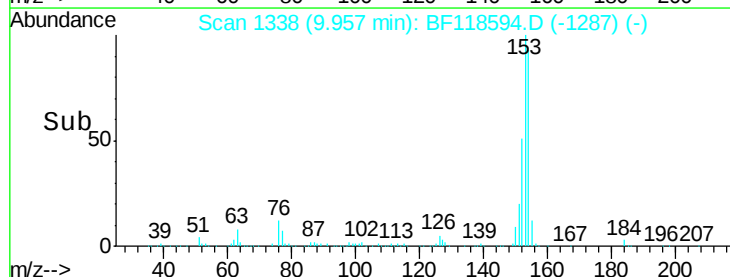
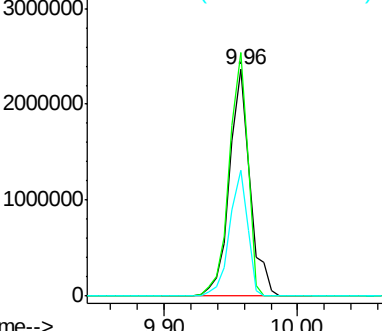
Acq: 20 Jan 2020 16:31

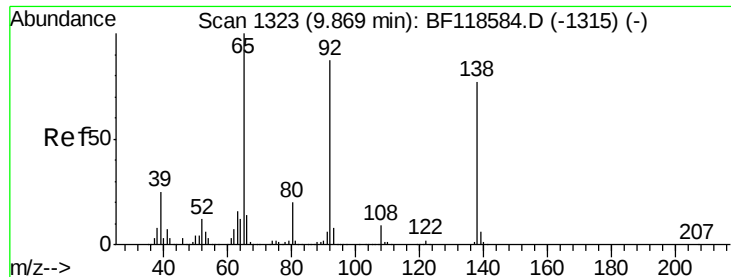
Tgt Ion:154 Resp: 2482982
Ion Ratio Lower Upper

154	100		
153	107.4	87.6	131.4
152	55.3	44.4	66.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





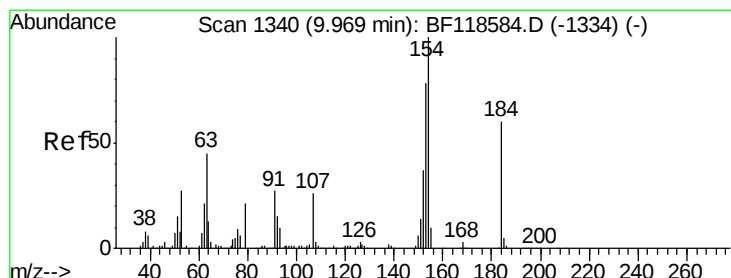
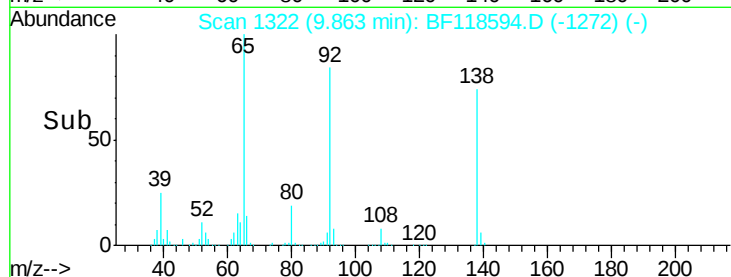
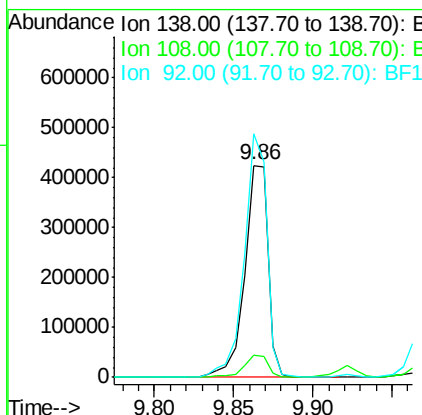
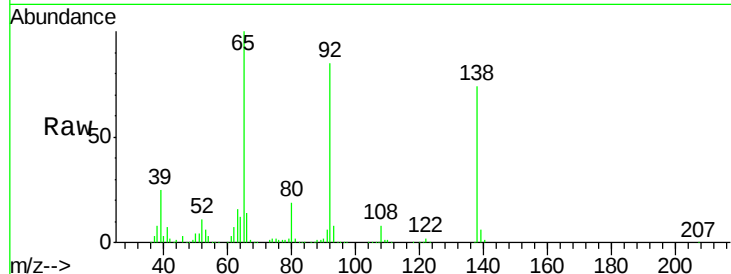
#53
3-Nitroaniline
Concen: 26.438 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB126152BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.6	14.4
92	115.0	90.6	136.0

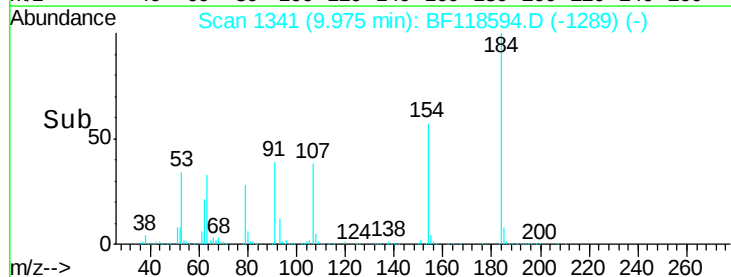
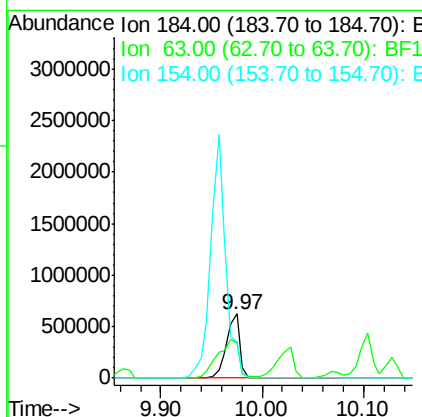
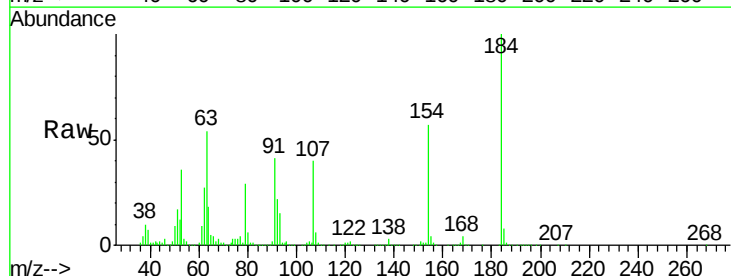
Manual Integrations
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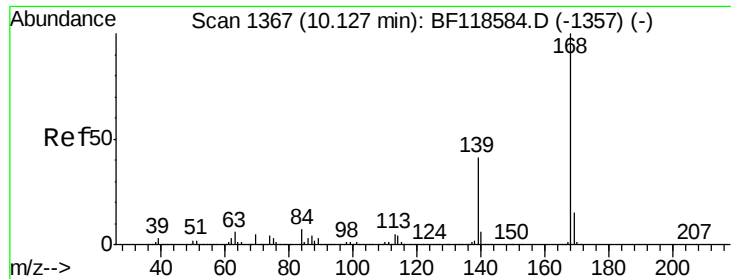
mohammad
1/21/2020 2:26:06 PM



#54
2,4-Dinitrophenol
Concen: 100.699 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.5	60.6	90.8#
154	57.1	137.3	205.9#





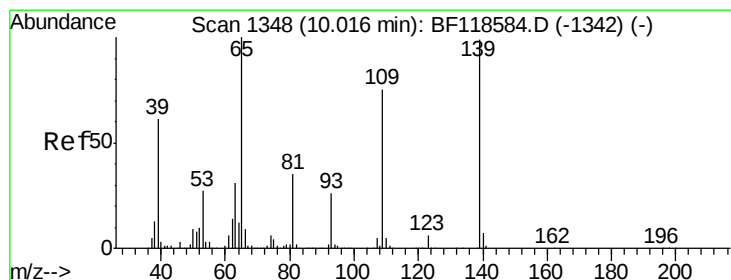
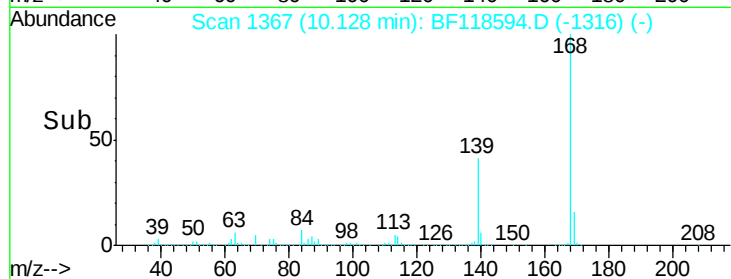
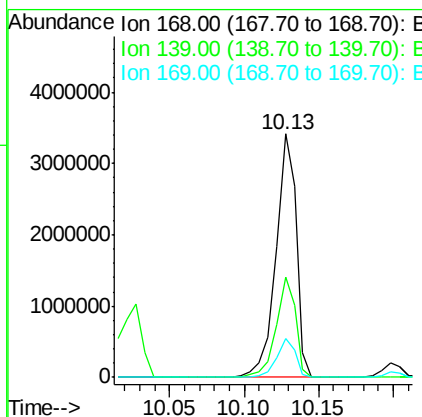
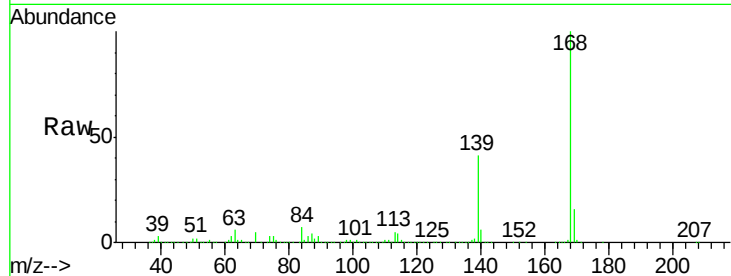
#55
Dibenzenofuran
Concen: 43.721 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB126152BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.4	32.7	49.1
169	16.1	12.2	18.2

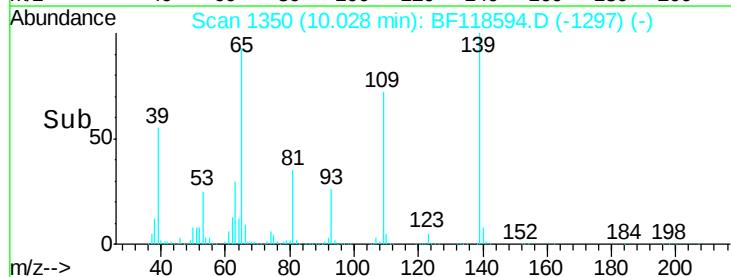
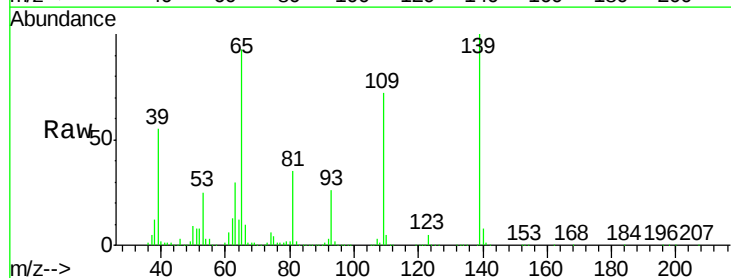
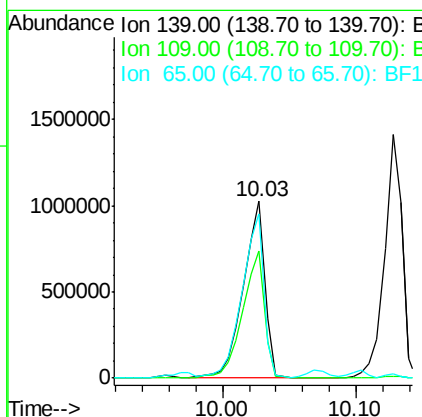
Manual Integrations
APPROVED

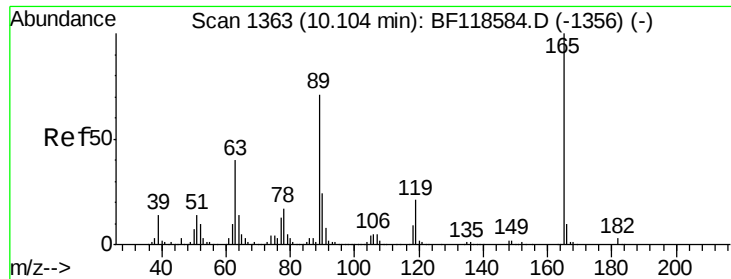
mohammad
1/21/2020 2:26:06 PM



#56
4-Nitrophenol
Concen: 92.164 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.9	56.0	96.0
65	93.1	81.4	121.4





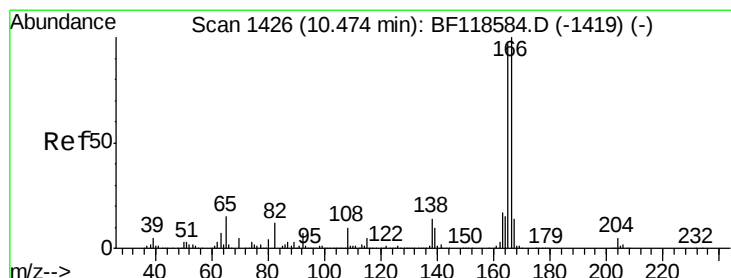
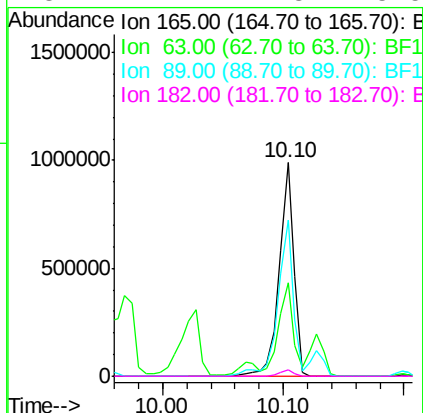
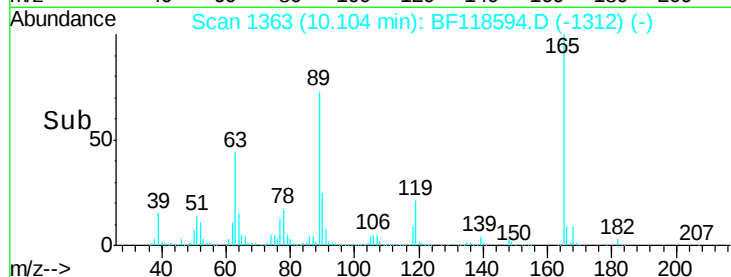
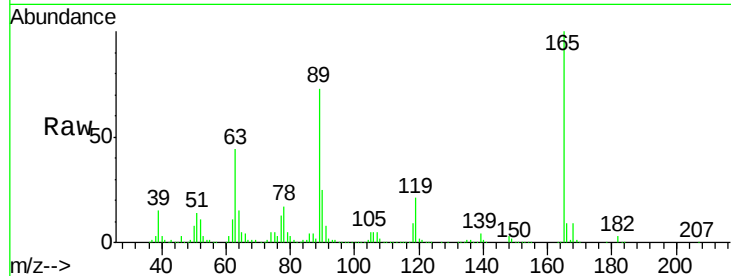
#57
2,4-Dinitrotoluene
Concen: 46.732 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB126152BS

Tot Ion:	165	Resp:	841830
Ion Ratio	Lower	Upper	
165	100		
63	44.0	32.4	48.6
89	73.2	56.4	84.6
182	2.7	2.3	3.5

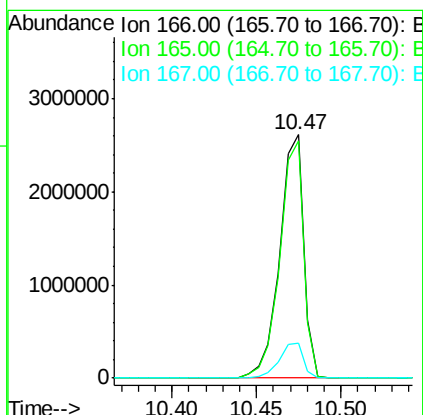
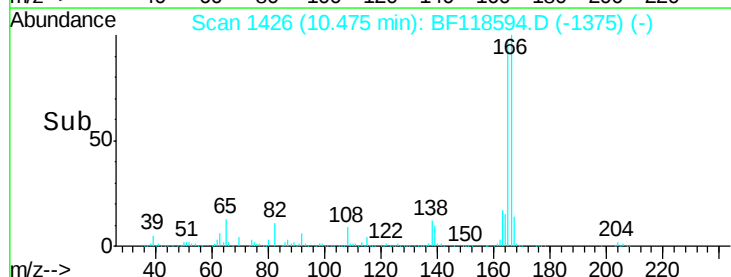
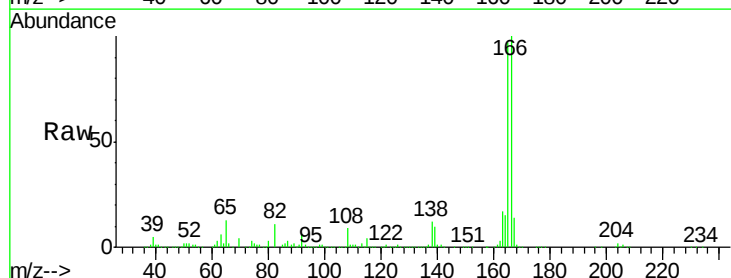
Manual Integrations
APPROVED

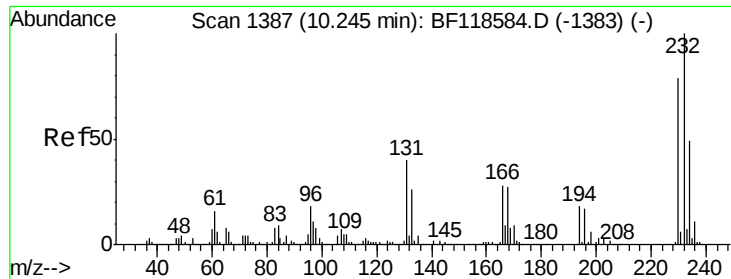
mohammad
1/21/2020 2:26:06 PM



#58
Fluorene
Concen: 44.446 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion:	166	Resp:	2588052
Ion Ratio	Lower	Upper	
166	100		
165	97.2	77.3	115.9
167	14.4	11.5	17.3





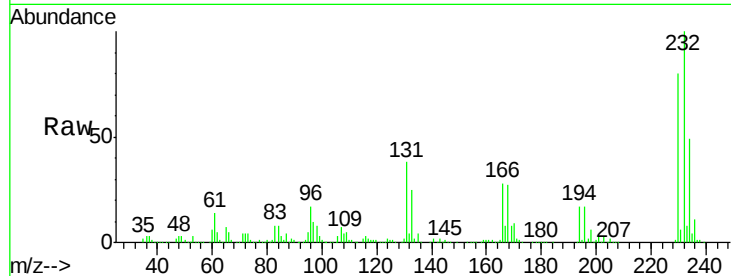
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.537 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB126152BS

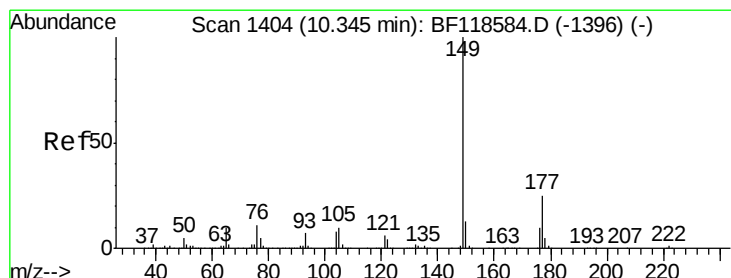
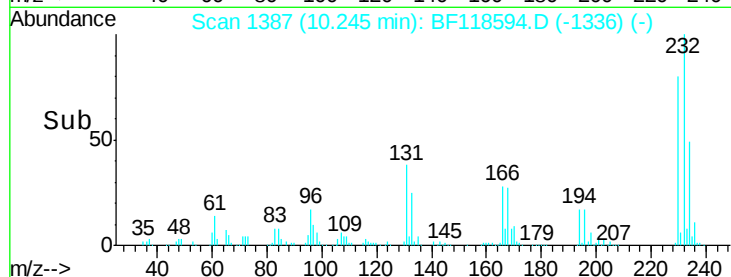
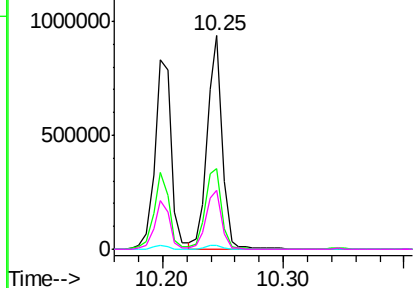
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		795341		
131	42.4	33.2	49.8		
130	2.2	1.8	2.6		
166	29.4	22.6	33.8		

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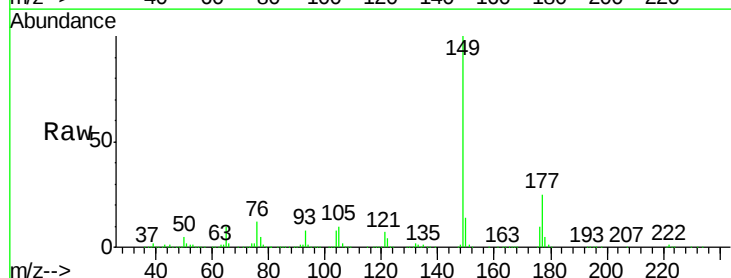


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

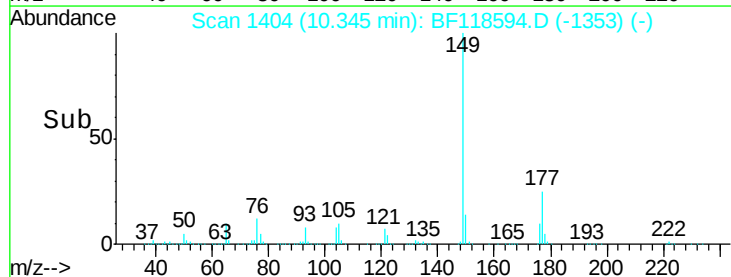
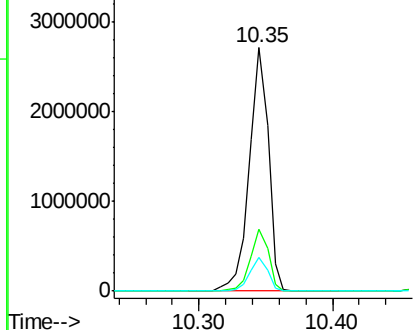


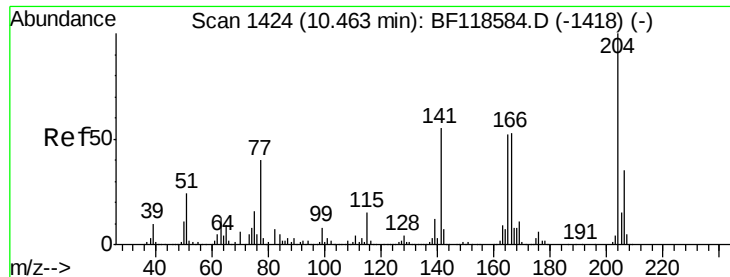
#60
 Diethylphthalate
 Concen: 42.806 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		2648468		
177	25.5	20.0	30.0		
150	13.9	10.6	16.0		



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





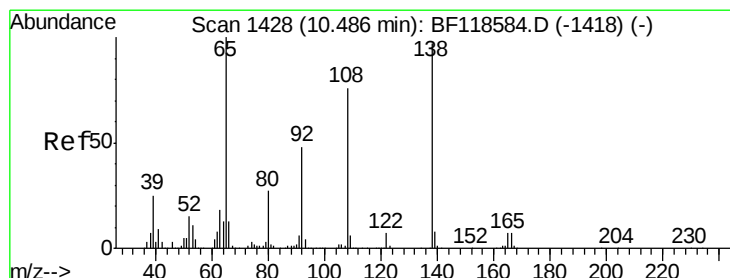
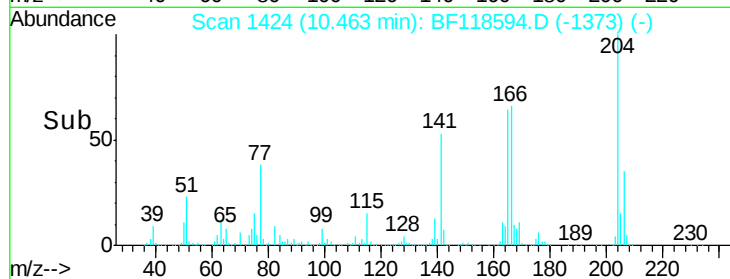
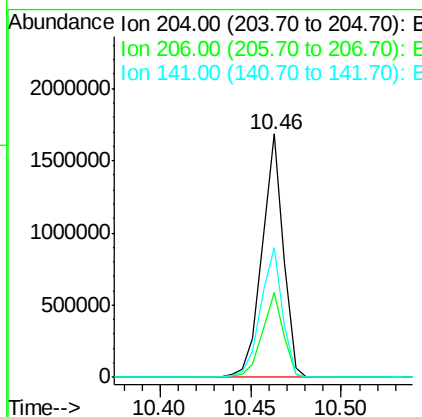
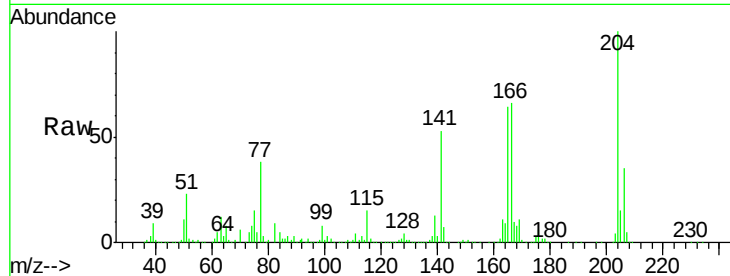
#61
 4-Chlorophenyl-phenylether
 Concen: 43.552 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB126152BS

Tot Ion:	204	Resp:	1379265
Ion	Ratio	Lower	Upper
204	100		
206	35.0	27.8	41.6
141	53.2	43.7	65.5

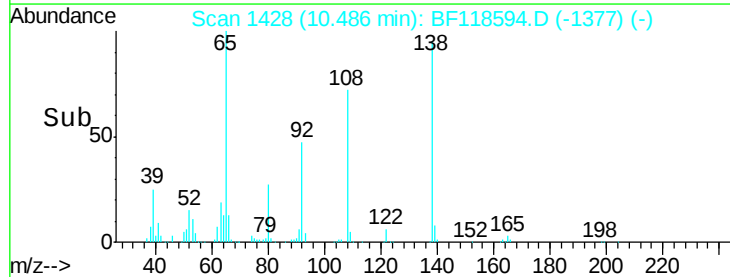
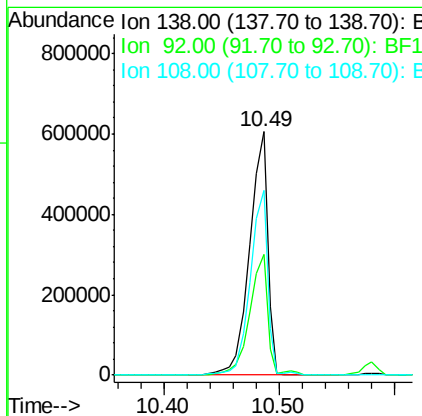
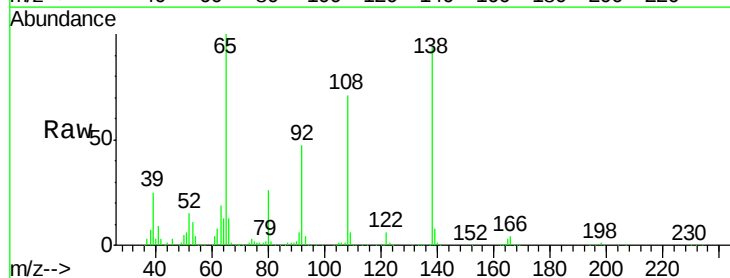
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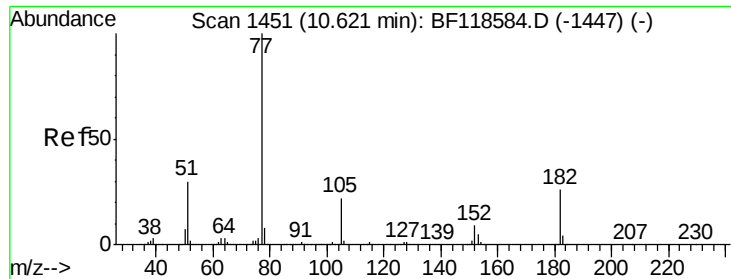
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#62
 4-Nitroaniline
 Concen: 39.330 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Tgt Ion:	138	Resp:	658270
Ion	Ratio	Lower	Upper
138	100		
92	49.7	29.4	69.4
108	76.1	58.2	98.2





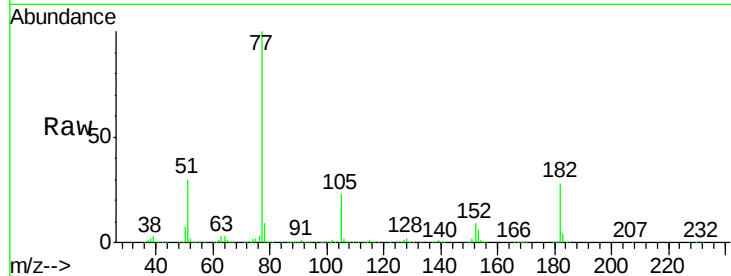
#63
Azobenzene
Concen: 44.419 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB126152BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.6	5.6	45.6
105	22.8	2.0	42.0
51	30.0	10.2	50.2

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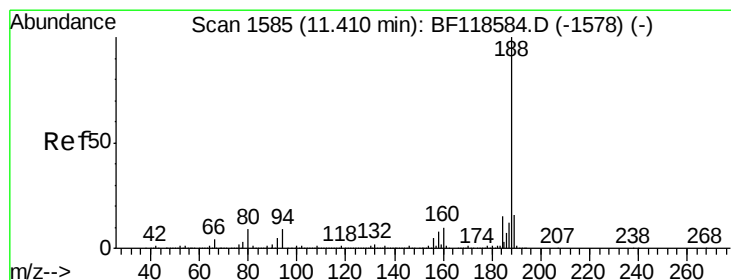
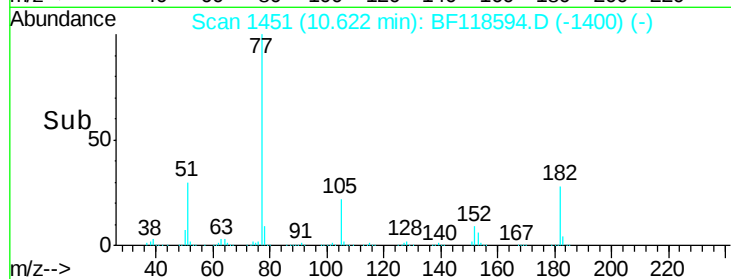
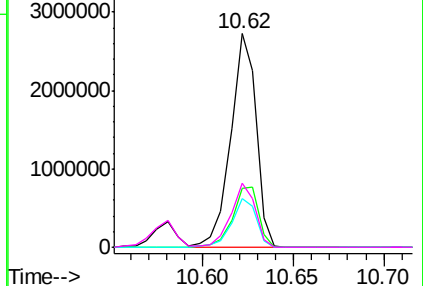
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

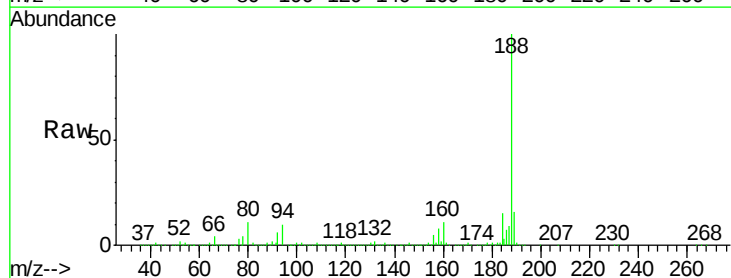
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.1	10.7
80	10.9	7.5	11.3

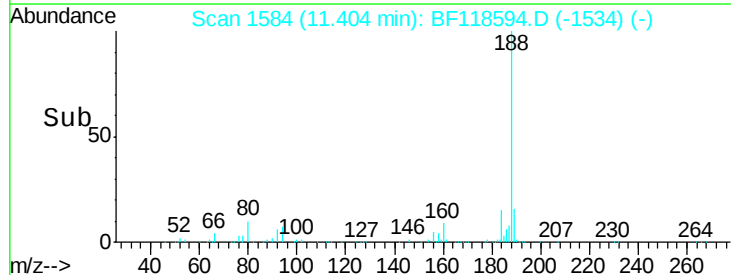
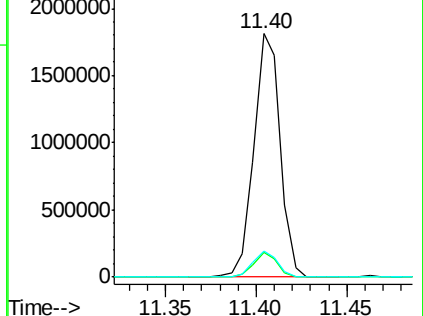


Abundance

Ion 188.00 (187.70 to 188.70): BF1

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: 49.523 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

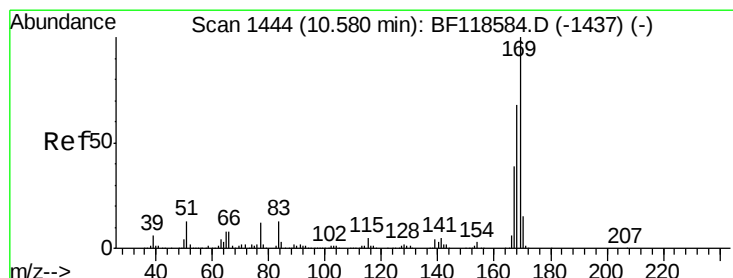
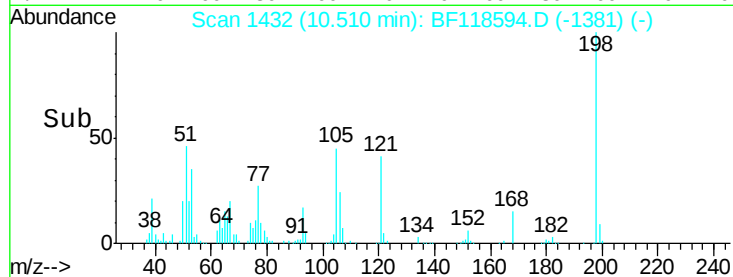
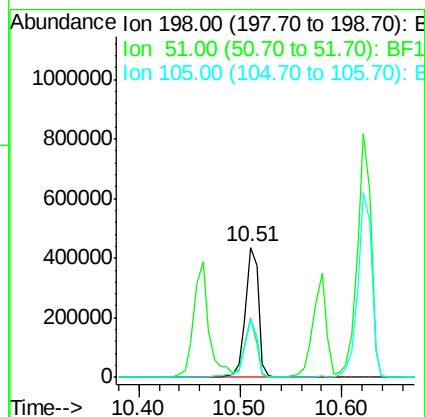
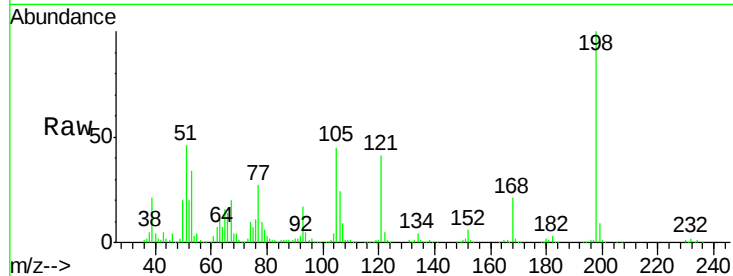
ClientSampleId :

PB126152BS

Tot Ion:	198	Resp:	394733
Ion Ratio	Lower	Upper	
198	100		
51	45.7	25.2	65.2
105	44.7	26.3	66.3

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#66

n-Nitrosodiphenylamine

Concen: 43.725 ng

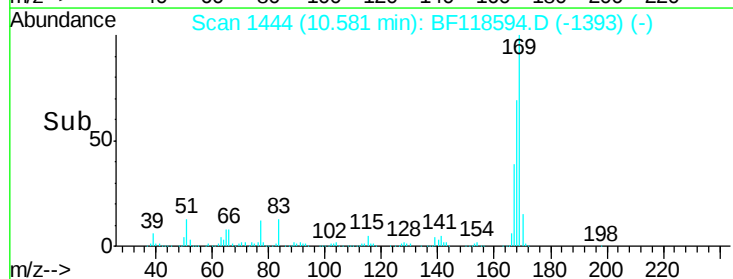
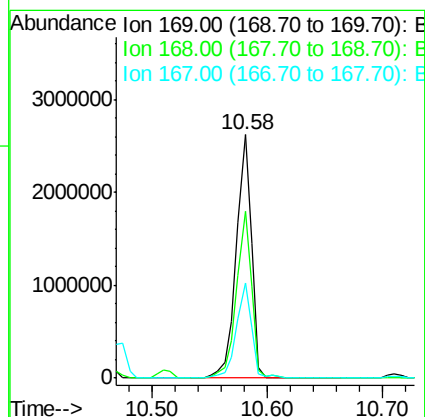
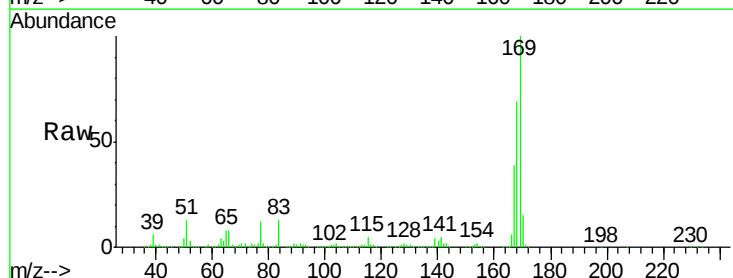
RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Tgt Ion:	169	Resp:	2390262
Ion Ratio	Lower	Upper	
169	100		
168	68.7	54.6	82.0
167	39.1	30.9	46.3





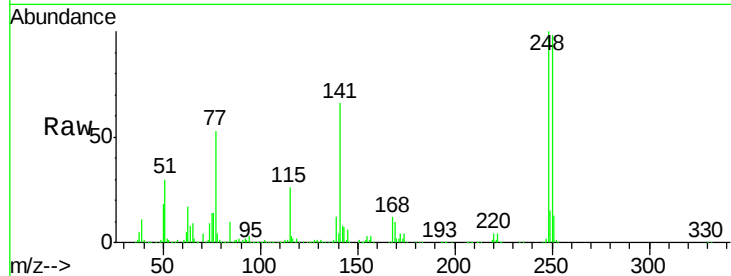
#67
4-Bromophenyl-phenylether
Concen: 41.659 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB126152BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.7	118.1
141	65.9	43.2	64.8

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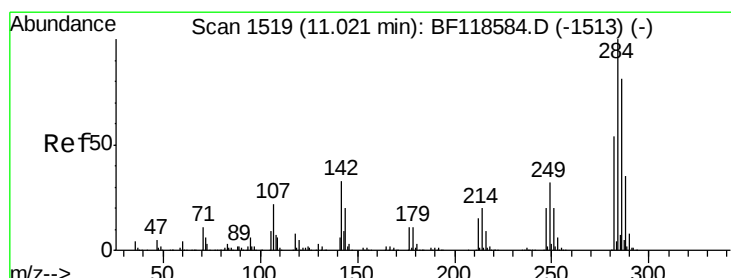
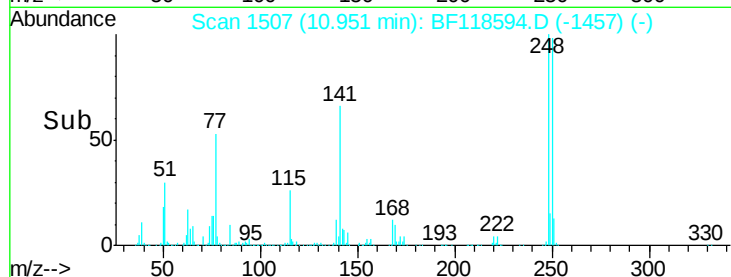
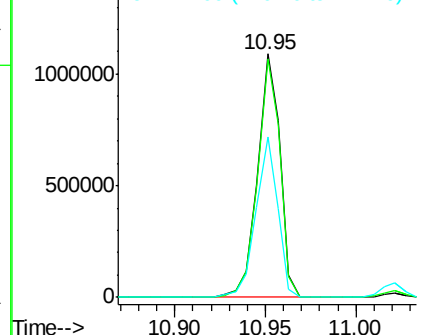


Abundance

Ion 248.00 (247.70 to 248.70): E

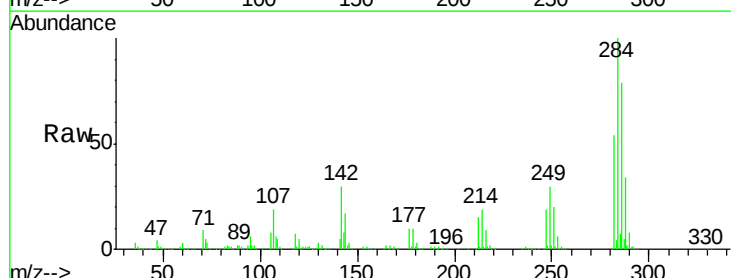
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.256 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	26.6	39.8
249	30.4	25.2	37.8

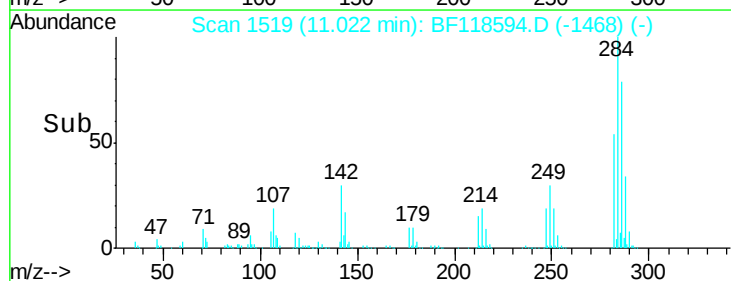
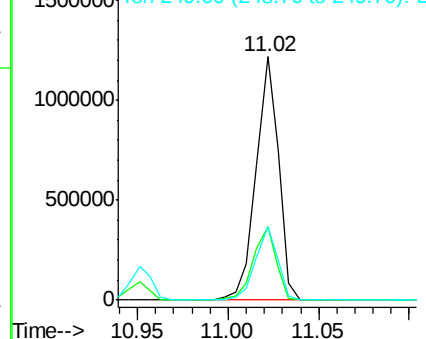


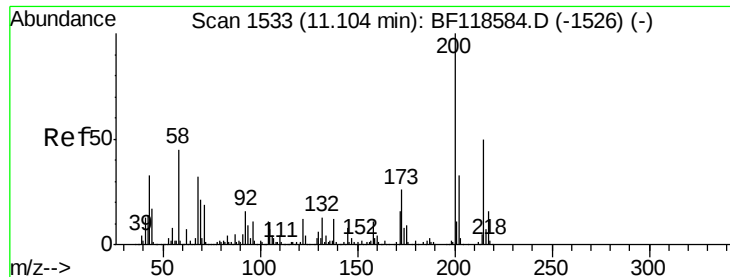
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





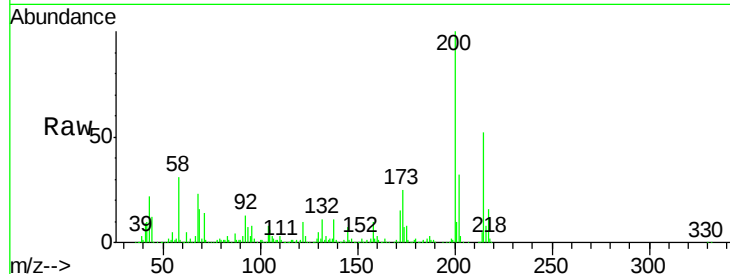
#69
Atrazine
Concen: 45.521 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB126152BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	862498		
173	24.8	6.3	46.3	
215	52.1	30.2	70.2	

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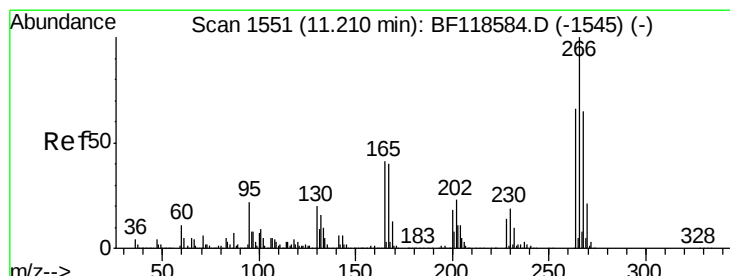
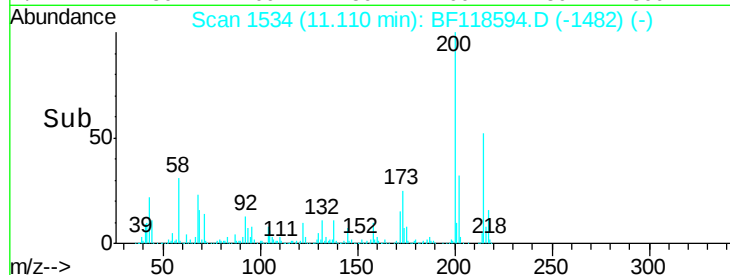
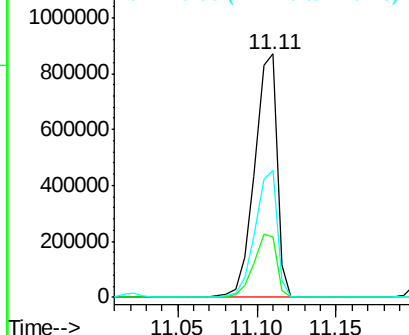


Abundance

Ion 200.00 (199.70 to 200.70): E

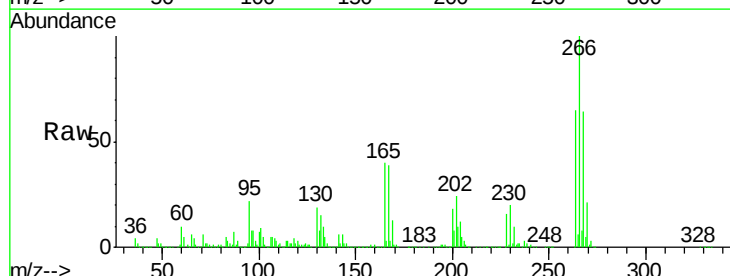
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 86.099 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	1215406		
268	63.8	52.1	78.1	
264	65.0	52.4	78.6	

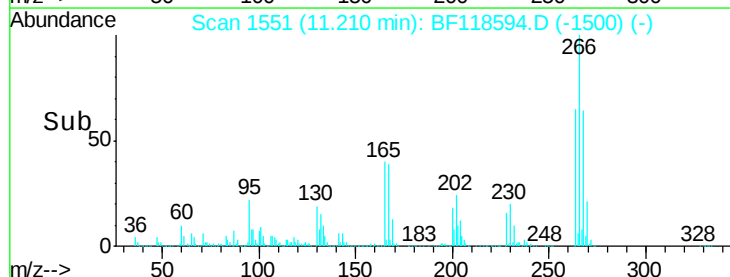
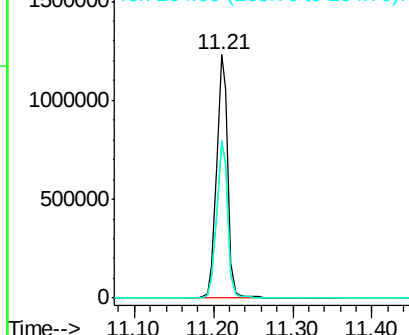


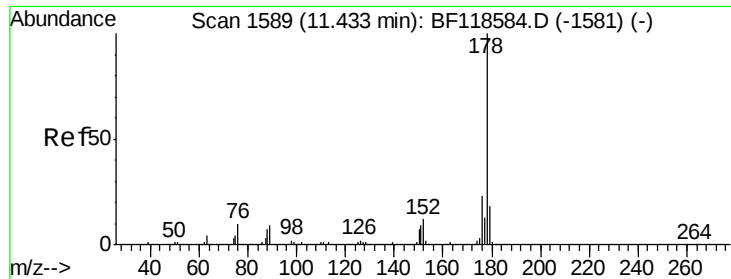
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





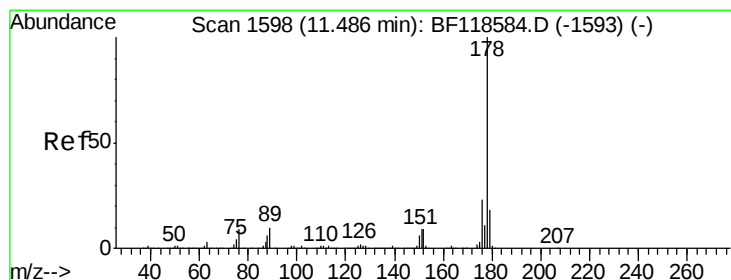
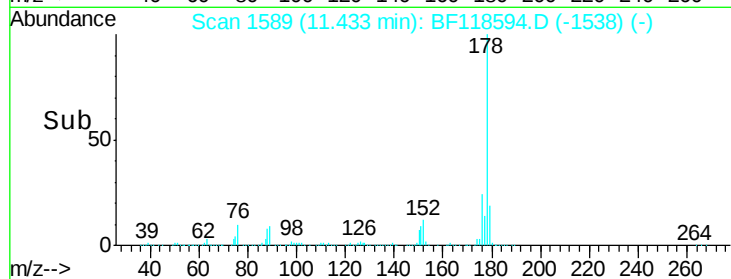
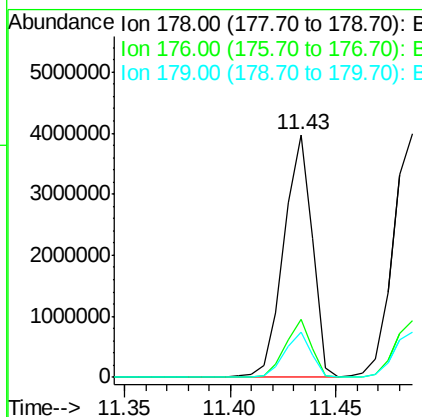
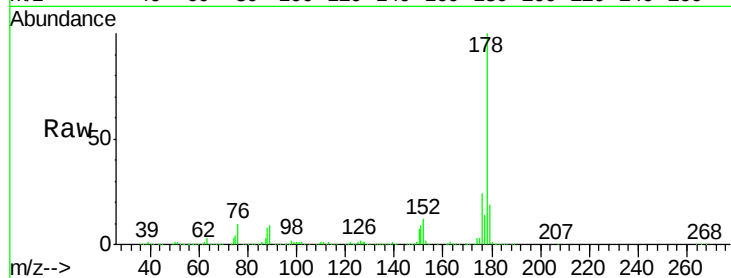
#71
Phenanthrene
Concen: 42.775 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB126152BS

Tot Ion:178 Resp: 3740662
Ion Ratio Lower Upper
178 100
176 23.8 18.6 27.8
179 18.7 14.7 22.1

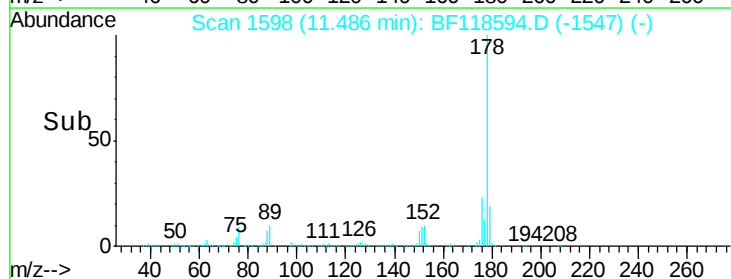
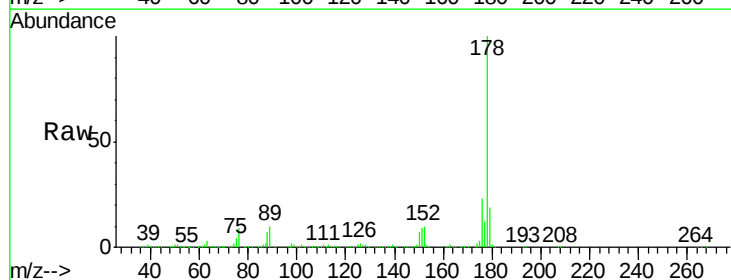
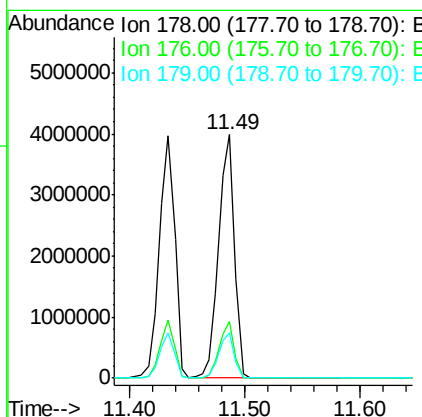
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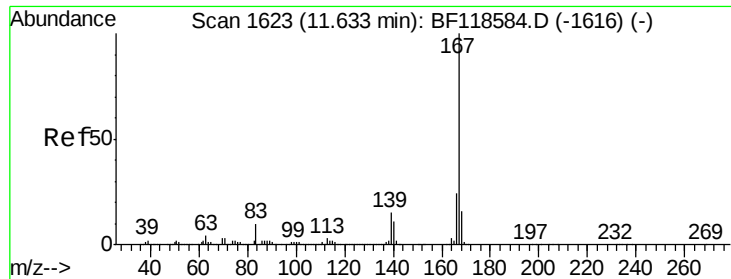
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#72
Anthracene
Concen: 44.111 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion:178 Resp: 3817024
Ion Ratio Lower Upper
178 100
176 23.3 18.0 27.0
179 18.7 14.7 22.1





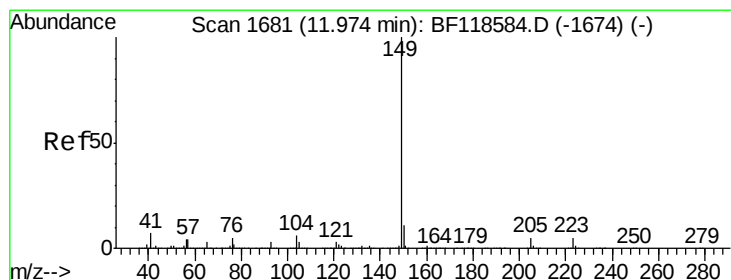
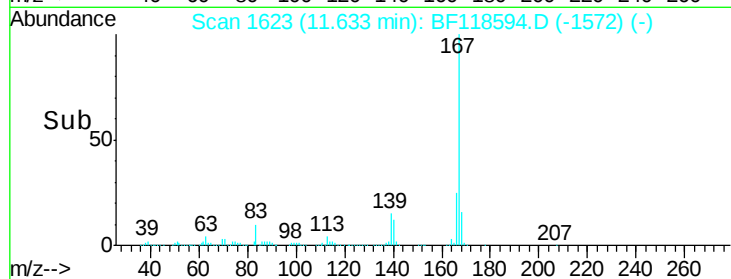
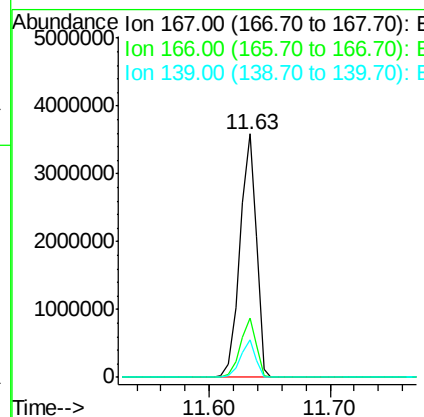
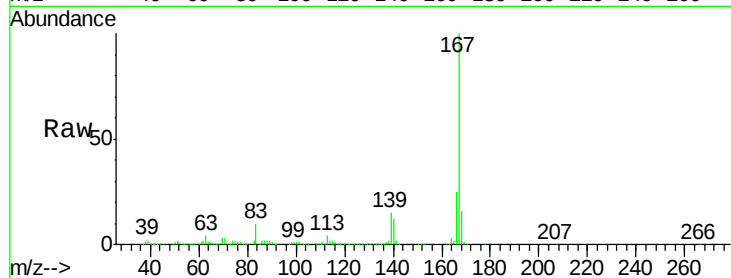
#73
 Carbazole
 Concen: 43.048 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB126152BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.6	19.4	29.2
139	15.2	11.7	17.5

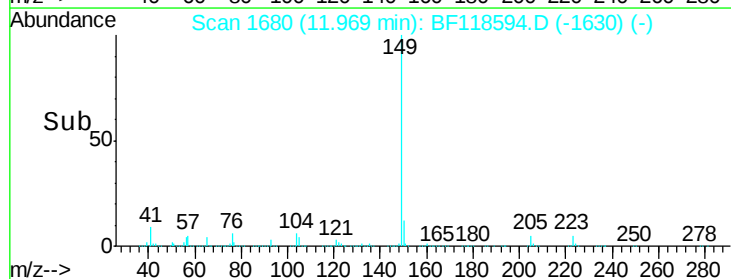
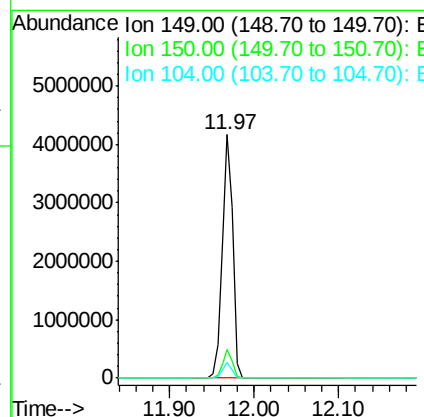
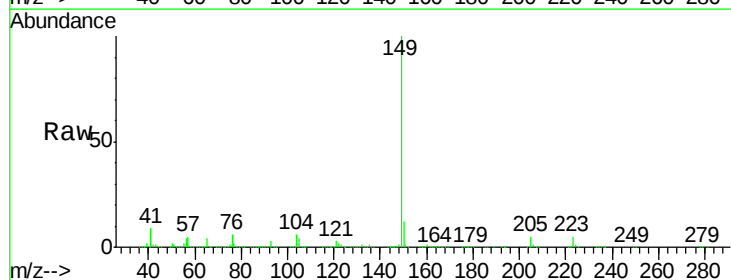
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#74
 Di-n-butylphthalate
 Concen: 42.481 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.8	8.7	13.1
104	6.4	4.6	6.8





#75

Fluoranthene

Concen: 42.847 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

PB126152BS

Tot Ion:202 Resp: 3952037

Ion Ratio Lower Upper

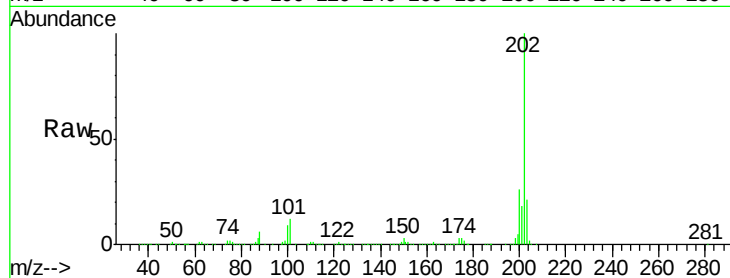
202 100

101 11.6 0.0 32.5

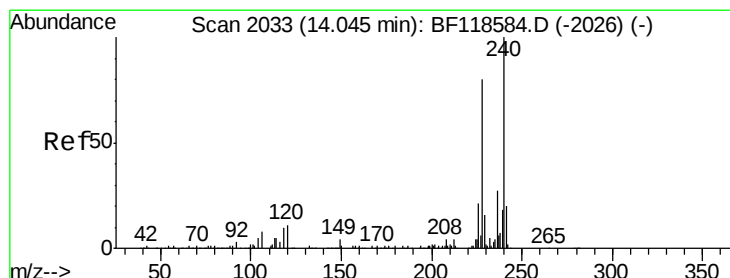
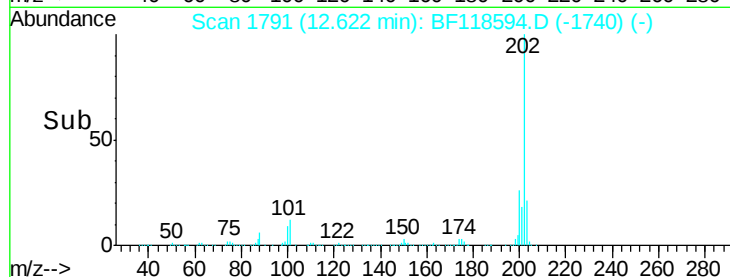
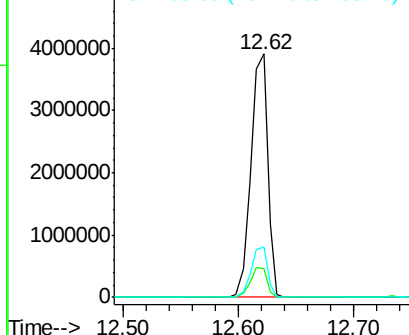
203 20.8 0.8 40.8

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

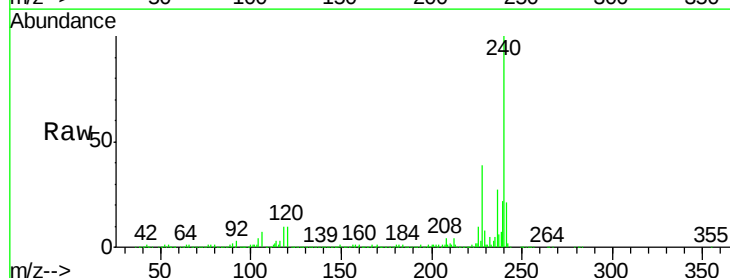
Tgt Ion:240 Resp: 1441750

Ion Ratio Lower Upper

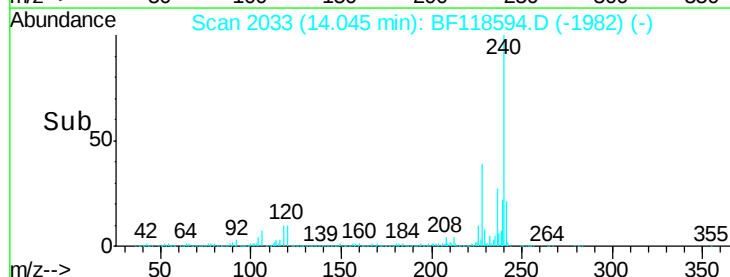
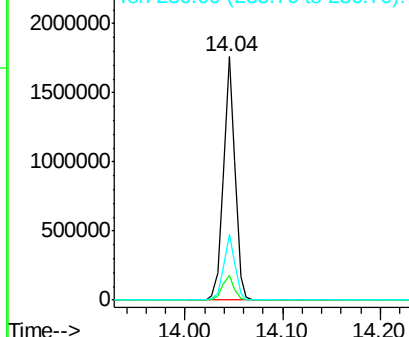
240 100

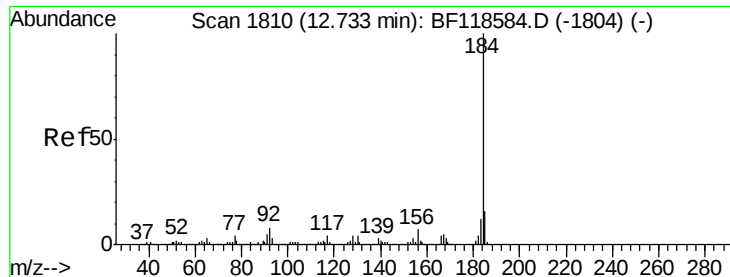
120 10.2 8.9 13.3

236 27.2 21.5 32.3



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





#77

Benzidine

Concen: 59.259 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

ClientSampleId :

PB126152BS

Tot Ion:184 Resp: 2282810

Ion Ratio Lower Upper

184 100

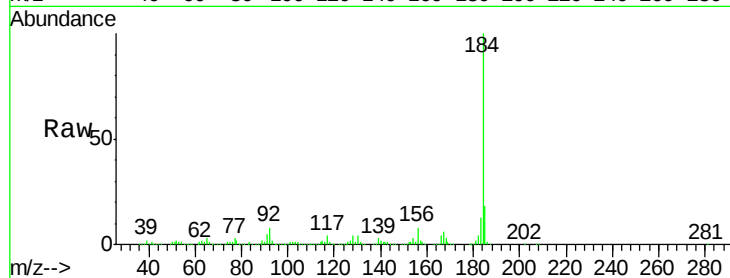
185 17.8 12.9 19.3

183 12.6 9.6 14.4

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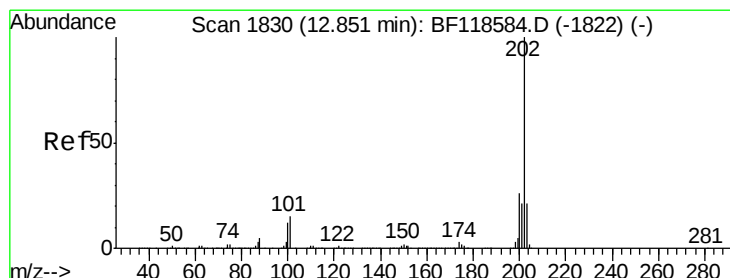
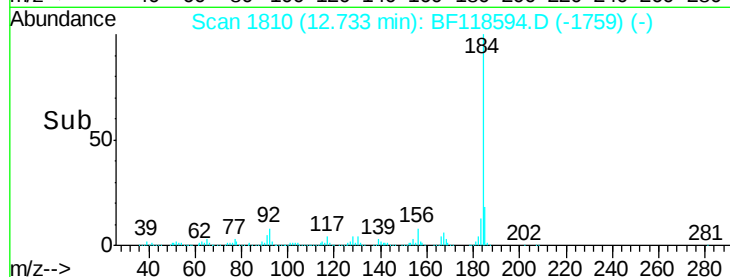
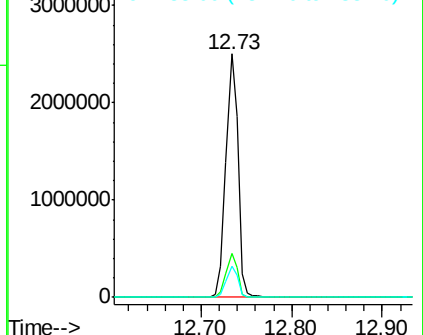
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.136 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

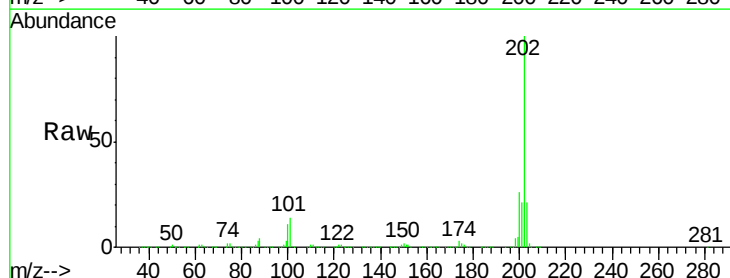
Tgt Ion:202 Resp: 4026466

Ion Ratio Lower Upper

202 100

200 25.6 20.6 31.0

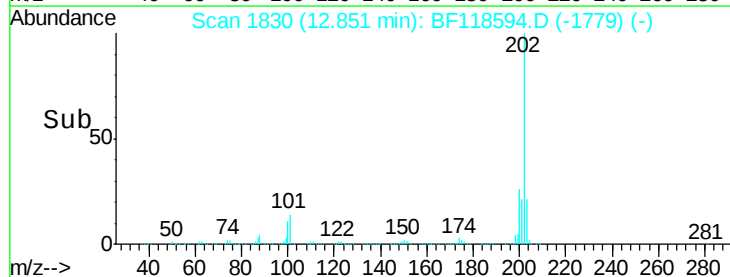
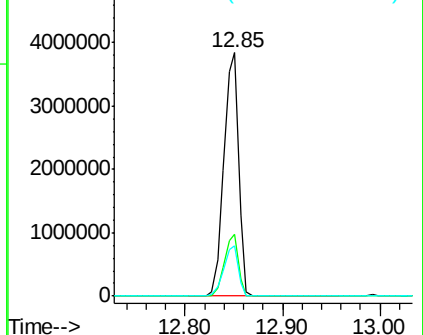
203 20.8 16.8 25.2

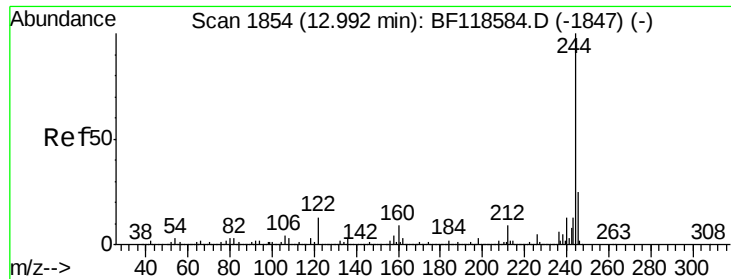


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





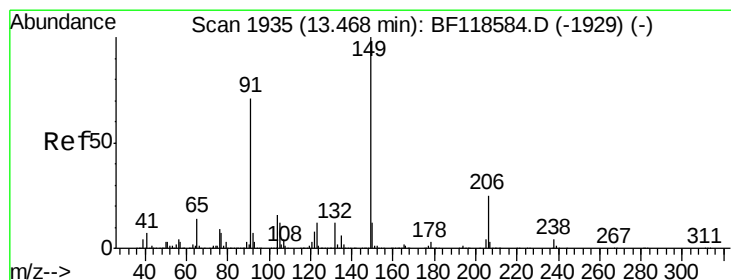
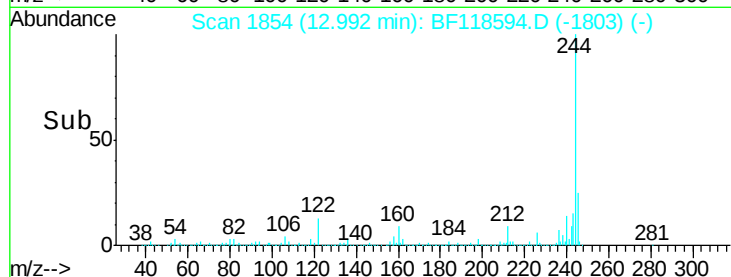
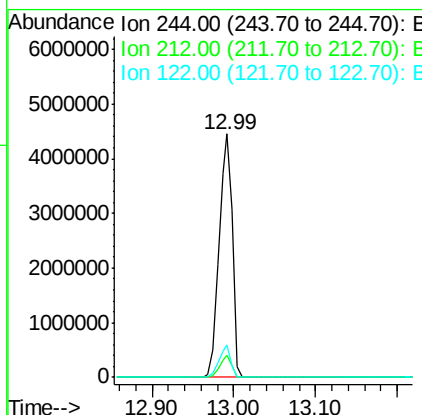
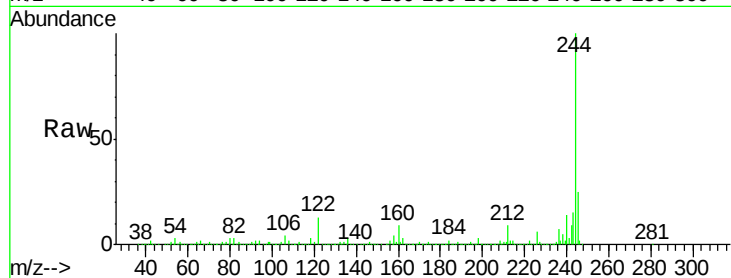
#79
 Terphenyl-d14
 Concen: 75.414 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB126152BS

Tot Ion:244 Resp: 4985061
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.0 10.4
 122 13.1 10.7 16.1

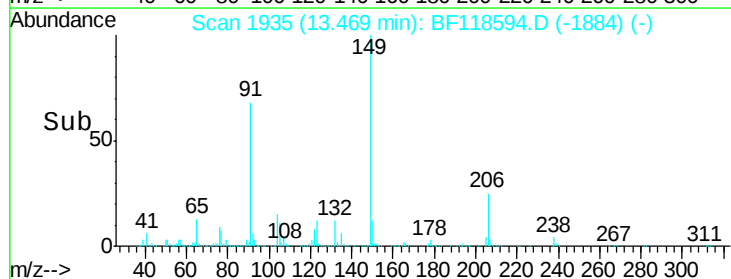
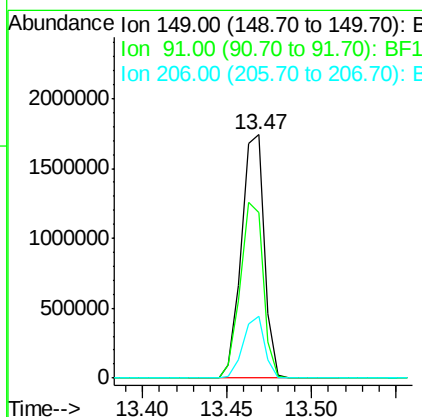
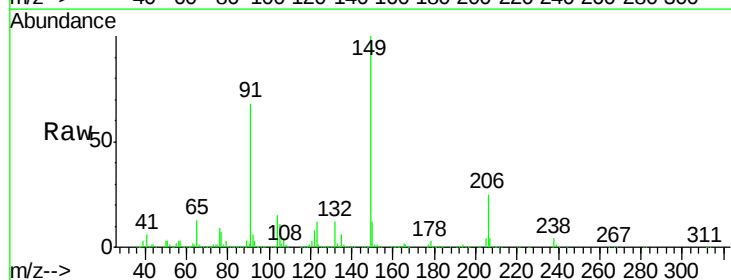
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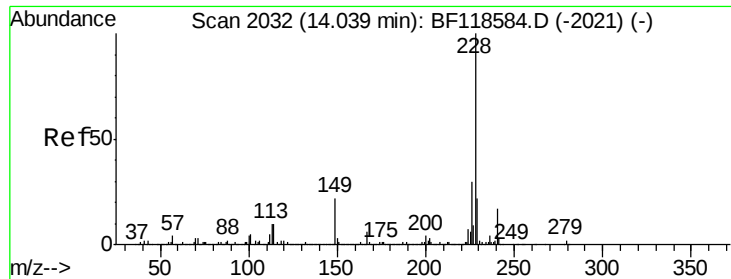
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#80
 Butylbenzylphthalate
 Concen: 41.213 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Tgt Ion:149 Resp: 1650956
 Ion Ratio Lower Upper
 149 100
 91 67.8 56.5 84.7
 206 25.4 19.9 29.9





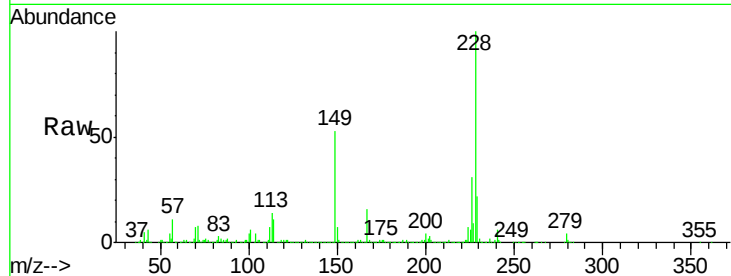
#81
Benzo(a)anthracene
Concen: 41.973 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB126152BS

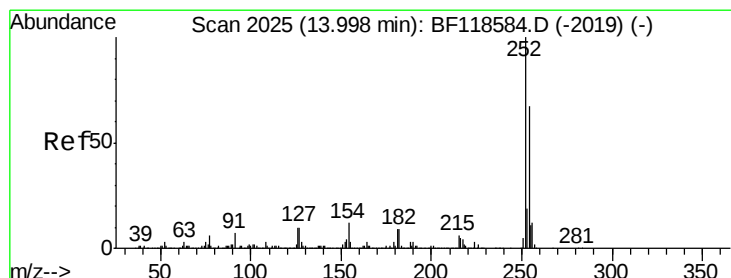
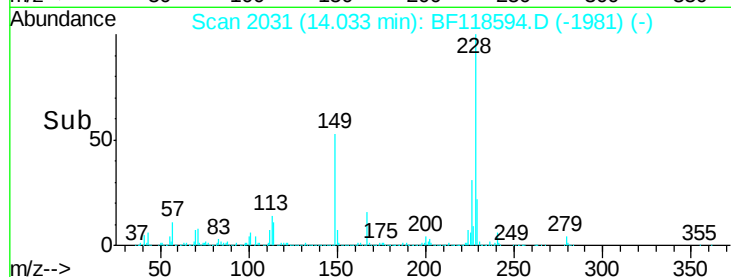
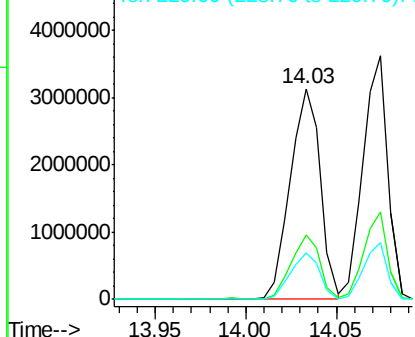
Tot Ion:228 Resp: 3640250
Ion Ratio Lower Upper
228 100
226 30.8 24.1 36.1
229 22.3 17.6 26.4

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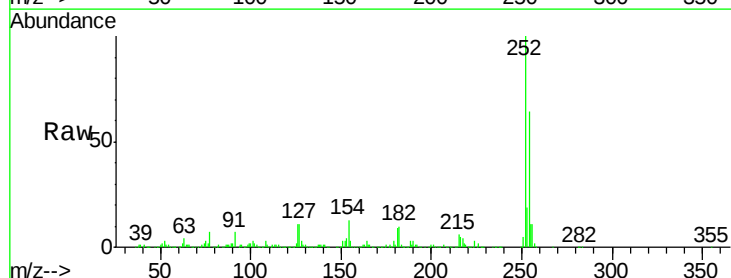


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

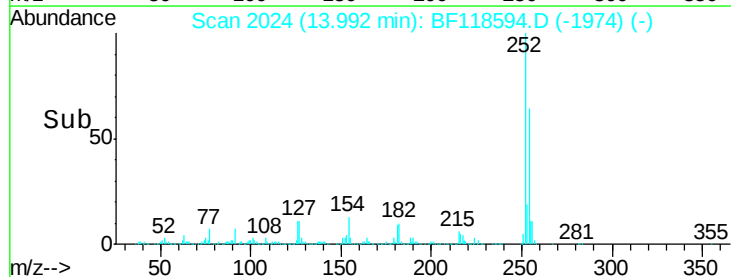
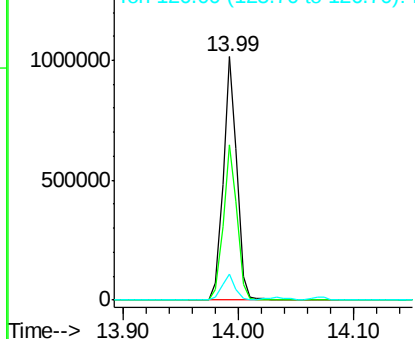


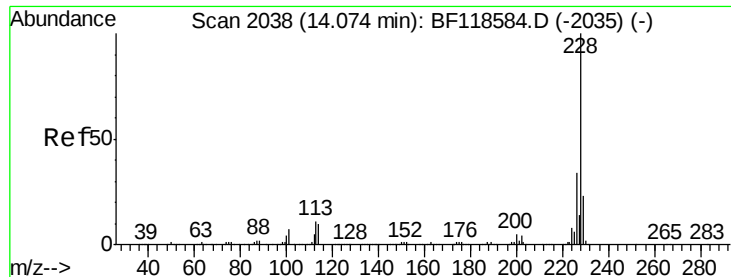
#82
3,3'-Dichlorobenzidine
Concen: 26.835 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion:252 Resp: 829313
Ion Ratio Lower Upper
252 100
254 63.8 53.4 80.2
126 10.6 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





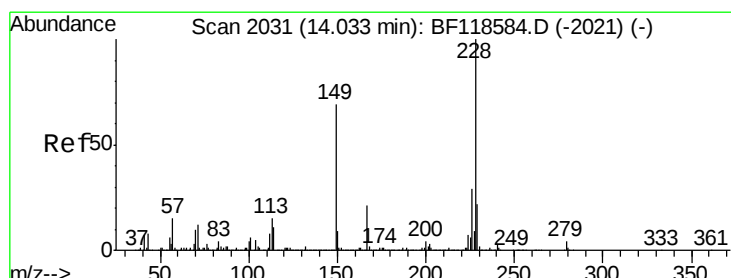
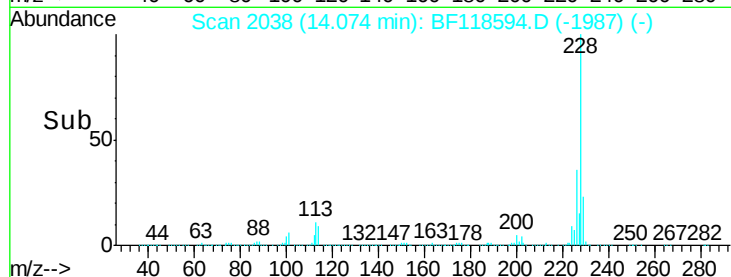
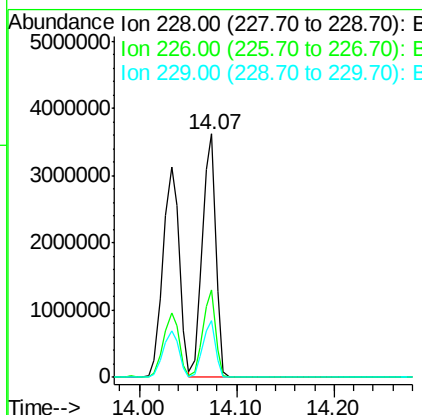
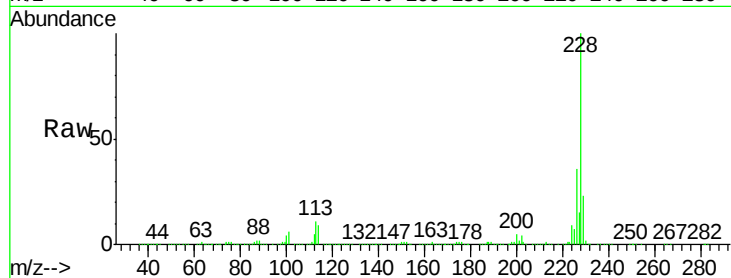
#83
 Chrvsene
 Concen: 41.604 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB126152BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.7	27.4	41.0
229	23.3	18.3	27.5

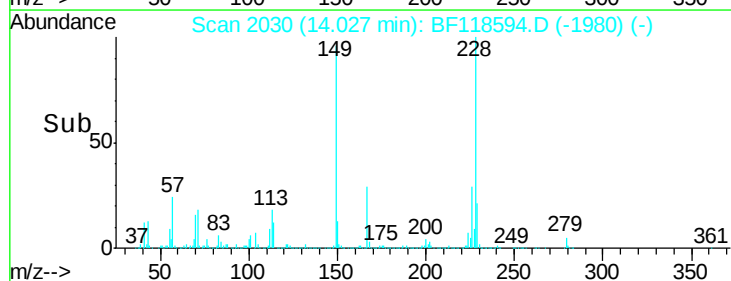
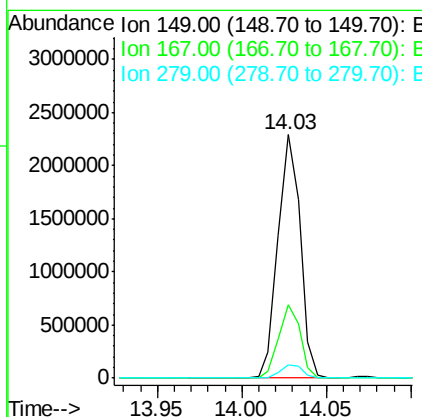
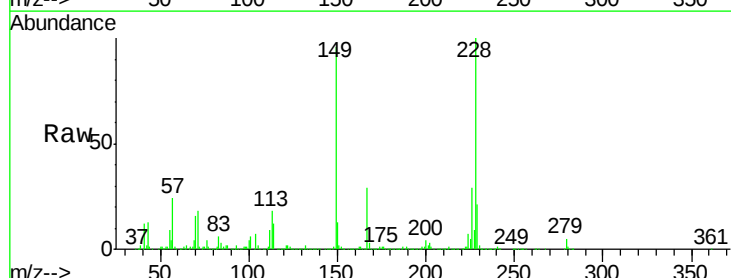
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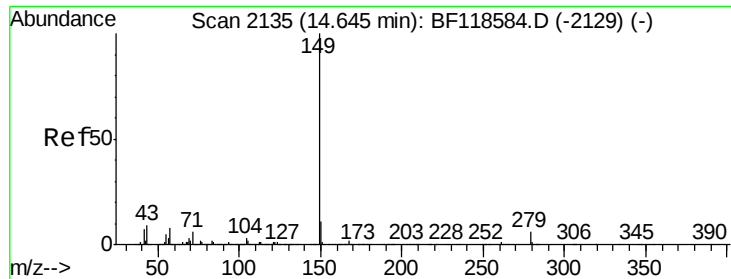
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.887 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF118594.D
 Acq: 20 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.4	24.2	36.4
279	5.5	5.0	7.4





#85

Di-n-octyl phthalate

Concen: 46.283 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Instrument :

BNA_F

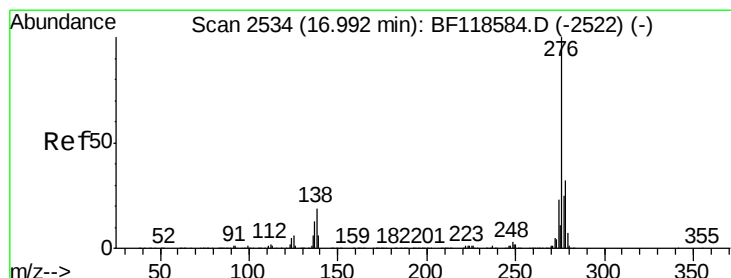
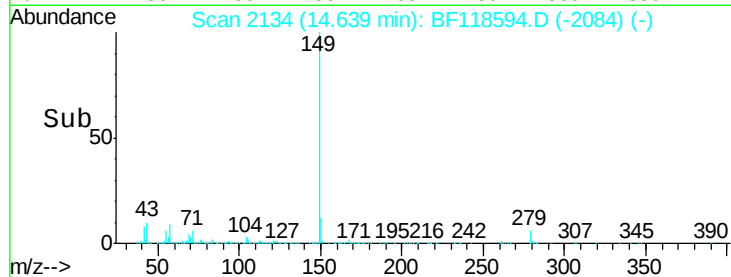
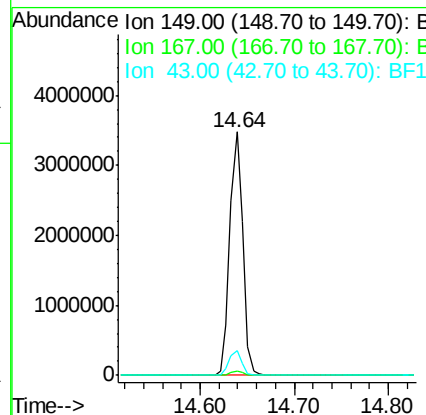
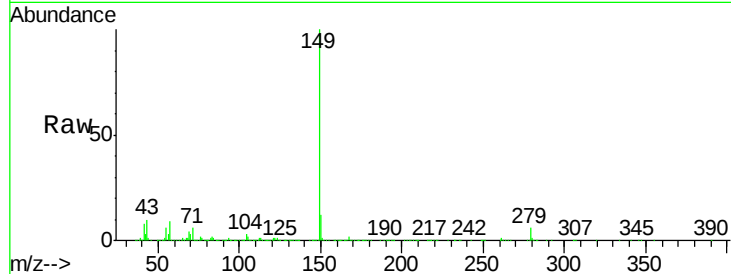
ClientSampleId :

PB126152BS

Tot Ion:	149	Resp:	3352841
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.0	8.1	12.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 39.518 ng

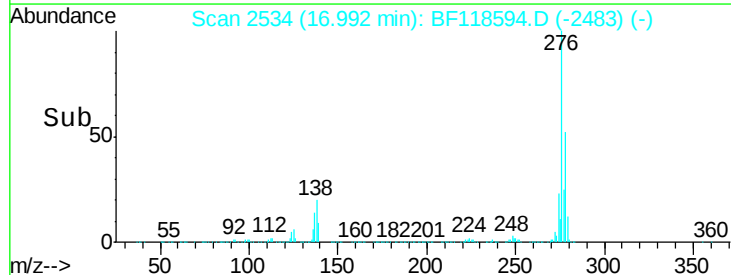
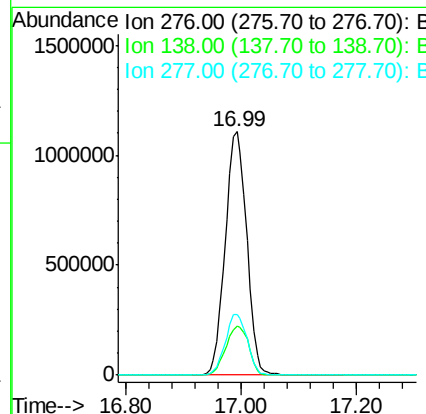
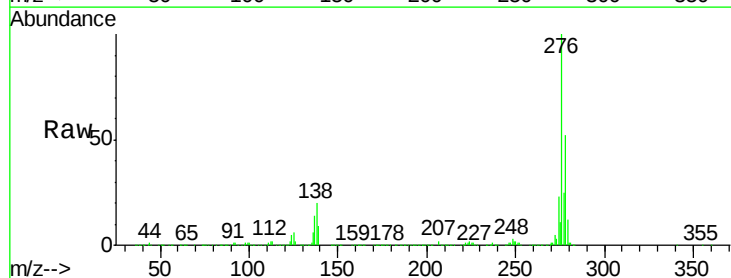
RT: 16.99 min Scan# 2534

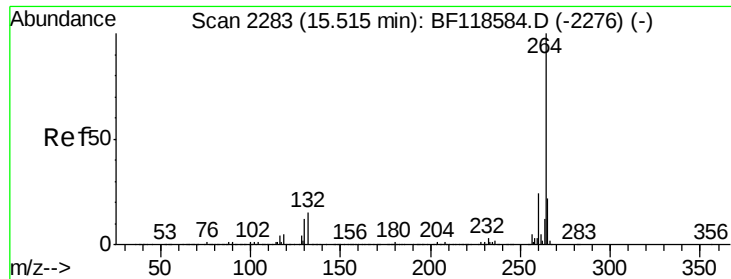
Delta R.T. 0.00 min

Lab File: BF118594.D

Acq: 20 Jan 2020 16:31

Tgt Ion:	276	Resp:	2854153
Ion	Ratio	Lower	Upper
276	100		
138	21.6	17.2	25.8
277	25.5	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: BF118594.D
Acq: 20 Jan 2020 16:31

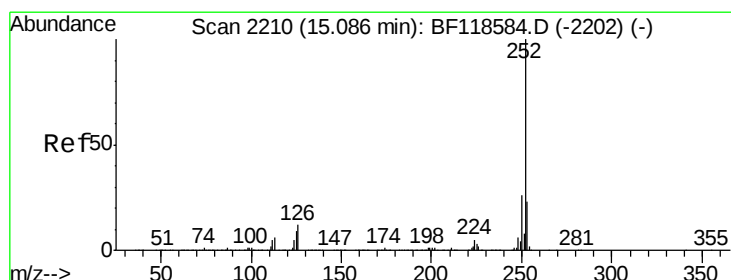
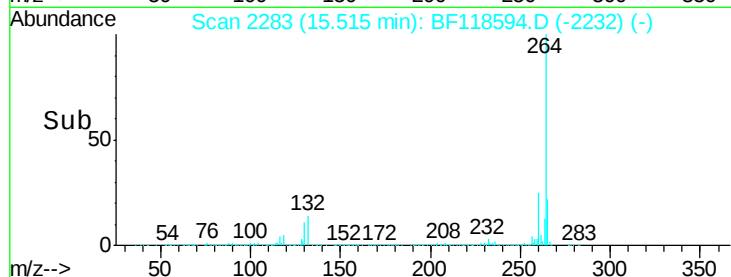
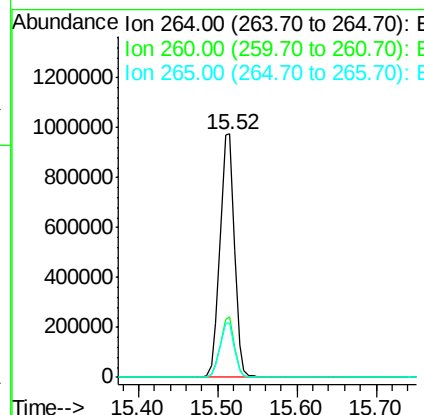
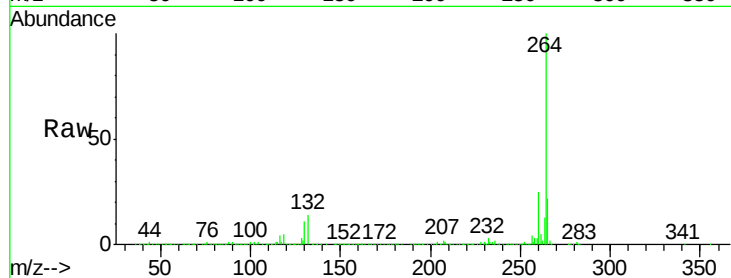
Instrument :
BNA_F
ClientSampleId :
PB126152BS

Tot Ion:264 Resp: 1236882

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	22.0	17.7	26.5

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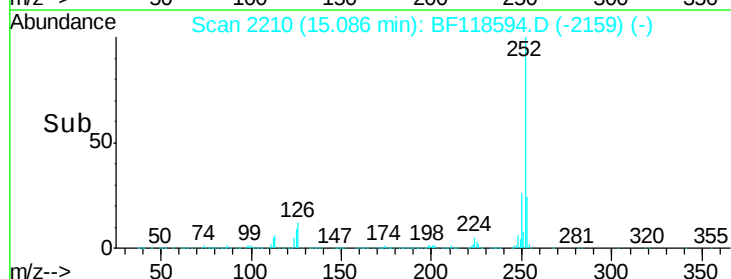
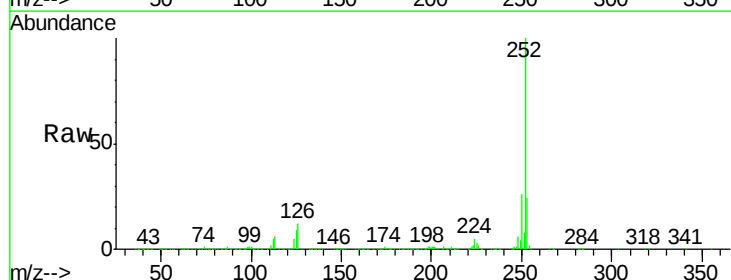
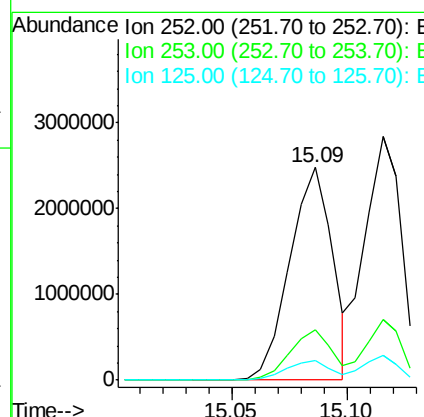
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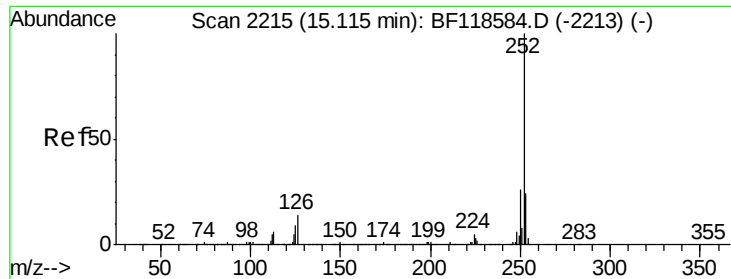


#88
Benzo(b)fluoranthene
Concen: 41.047 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion:252 Resp: 3191272

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.7	28.1
125	9.0	7.3	10.9





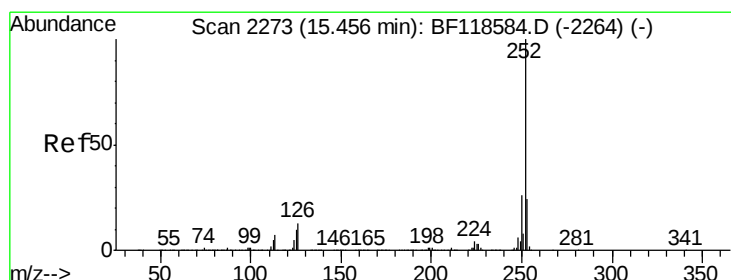
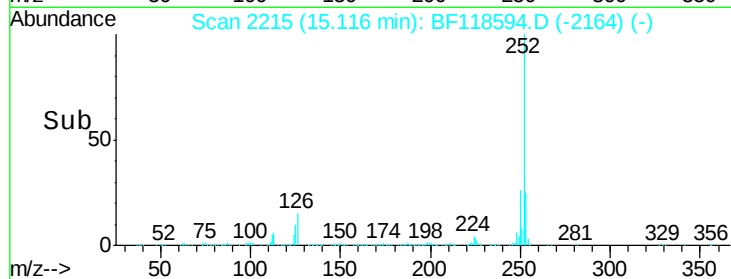
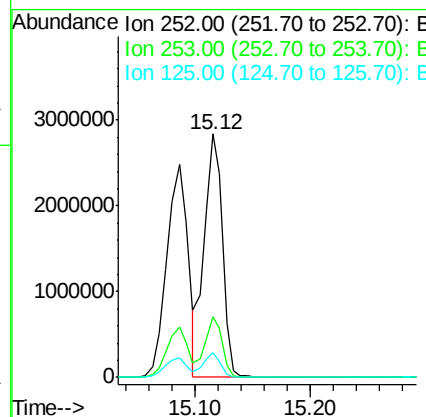
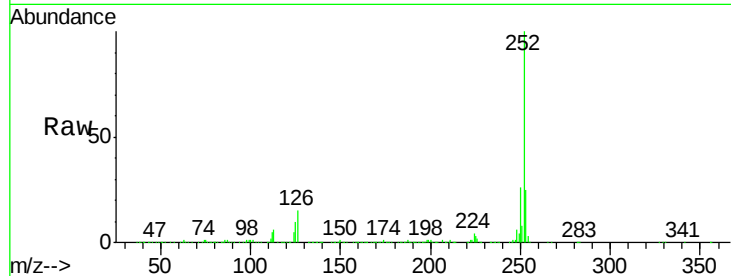
#89
Benzo(k)fluoranthene
Concen: 43.703 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB126152BS

Tot Ion:252 Resp: 3147865
Ion Ratio Lower Upper
252 100
253 24.7 19.0 28.4
125 10.2 7.6 11.4

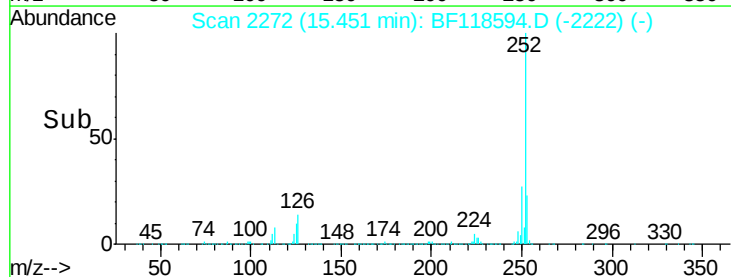
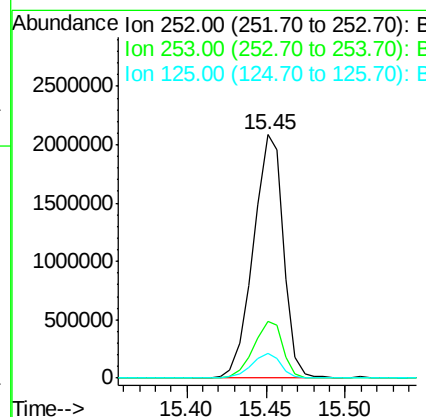
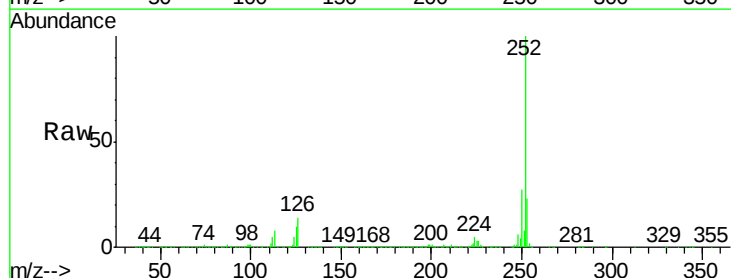
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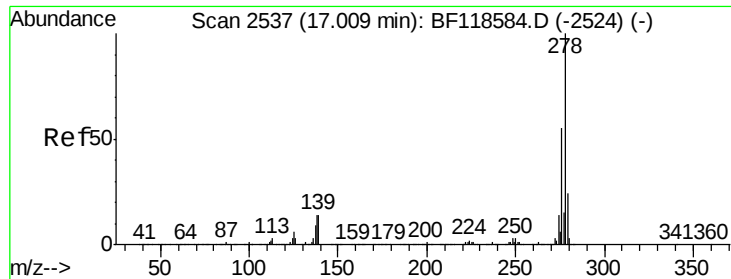
mohammad
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#90
Benzo(a)pyrene
Concen: 41.031 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion:252 Resp: 2751818
Ion Ratio Lower Upper
252 100
253 23.3 18.8 28.2
125 10.3 7.8 11.6





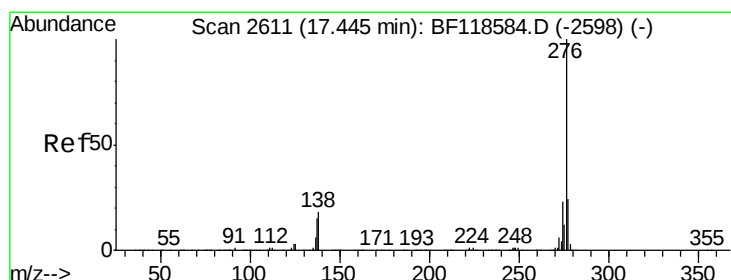
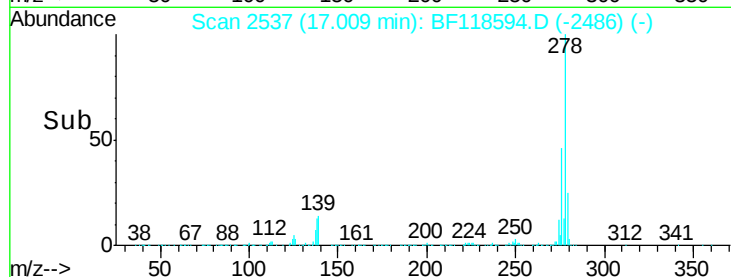
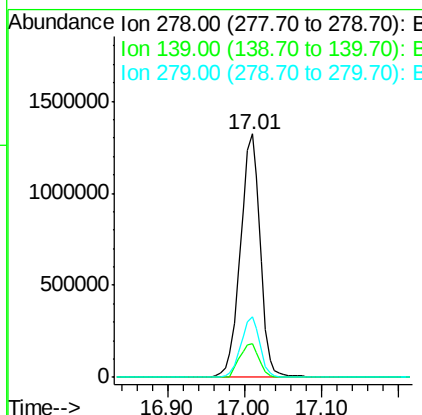
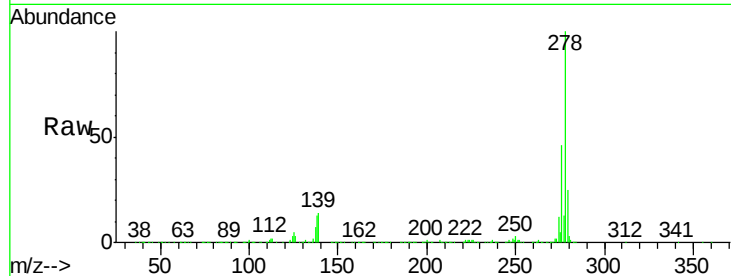
#91
Dibenzo(a,h)anthracene
Concen: 40.361 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.00 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB126152BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.4	17.0
279	24.8	19.0	28.6

Manual Integrations
APPROVED

mohammad
1/21/2020 2:26:06 PM



#92
Benzo(g,h,i)perylene
Concen: 40.651 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BF118594.D
Acq: 20 Jan 2020 16:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	18.7	14.4	21.6

