

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118562.D
 Acq On : 17 Jan 2020 16:58
 Operator : JU
 Sample : PB126158BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126158BS

Manual Integrations
 APPROVED

mohammad
 1/21/2020 7:58:31 AM

Quant Time: Jan 18 01:20:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 15:49:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	431857	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1640978	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	950582	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	1725785	20.00	ng	0.00
76) Chrysene-d12	14.05	240	1282541	20.00	ng	0.00
87) Perylene-d12	15.53	264	1088392	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	2868791	122.74	ng	0.02
7) Phenol-d6	6.52	99	3770618	123.12	ng	0.00
23) Nitrobenzene-d5	7.45	82	2216565	83.43	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	1342134	127.72	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4242928	80.58	ng	0.00
79) Terphenyl-d14	13.00	244	4688092	72.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	523326	46.600	ng	99
3) Pyridine	3.53	79	1134112	36.566	ng	100
4) n-Nitrosodimethylamine	3.47	42	586077	41.198	ng	99
6) Aniline	6.55	93	1384000	34.527	ng	99
8) 2-Chlorophenol	6.68	128	1216631	45.770	ng	95
9) Benzaldehyde	6.43	77	663672	42.334	ng	99
10) Phenol	6.53	94	1535774	45.707	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	1148100	42.662	ng	96
12) 1,3-Dichlorobenzene	6.83	146	1308202	41.386	ng	99
13) 1,4-Dichlorobenzene	6.91	146	1328197	41.825	ng	98
14) 1,2-Dichlorobenzene	7.06	146	1263434	42.524	ng	97
15) Benzyl Alcohol	7.03	79	1123078	44.685	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1597977	40.477	ng	99
17) 2-Methylphenol	7.14	107	1019855	45.200	ng	99
18) Hexachloroethane	7.40	117	480123	41.489	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	943592	42.965	ng	99
20) 3+4-Methylphenols	7.29	107	1263492	46.828	ng	# 89
22) Acetophenone	7.30	105	1661071	41.713	ng	# 95
24) Nitrobenzene	7.47	77	1312367	46.447	ng	100
25) Isophorone	7.71	82	2472937	42.885	ng	98
26) 2-Nitrophenol	7.79	139	587589	48.099	ng	95
27) 2,4-Dimethylphenol	7.82	122	1178946	51.407	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	1518039	40.973	ng	100
29) 2,4-Dichlorophenol	8.03	162	1107761	43.883	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	1198210	40.730	ng	99
31) Naphthalene	8.20	128	3396667	43.891	ng	99
32) Benzoic acid	7.94	122	699076	45.070	ng	99
33) 4-Chloroaniline	8.23	127	824448	22.928	ng	99
34) Hexachlorobutadiene	8.32	225	710921	38.743	ng	98
35) Caprolactam	8.61	113	345673m	44.018	ng	
36) 4-Chloro-3-methylphenol	8.72	107	1118507	44.697	ng	96
37) 2-Methylnaphthalene	8.89	142	2449414	44.676	ng	100
38) 1-Methylnaphthalene	8.99	142	2327627	44.876	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1218127	39.730	ng	99

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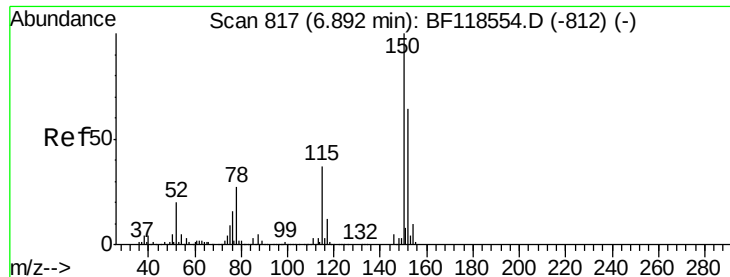
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
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 QLast Update : Fri Jan 17 15:49:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1562993	97.568	nq	98
43) 2,4,6-Trichlorophenol	9.16	196	857600	43.901	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	885662	44.843	nq	98
46) 1,1'-Biphenyl	9.35	154	2910426	42.849	nq	99
47) 2-Chloronaphthalene	9.37	162	2356964	41.170	nq	98
48) 2-Nitroaniline	9.46	65	696683	46.789	nq	98
49) Acenaphthylene	9.79	152	3555753	43.989	nq	100
50) Dimethylphthalate	9.65	163	2712459	41.560	nq	100
51) 2,6-Dinitrotoluene	9.71	165	628368	50.460	nq	94
52) Acenaphthene	9.96	154	2407110	45.457	nq	100
53) 3-Nitroaniline	9.87	138	400053	28.359	nq	# 91
54) 2,4-Dinitrophenol	9.98	184	480924	89.136	nq	# 1
55) Dibenzofuran	10.14	168	3246046	43.317	nq	98
56) 4-Nitrophenol	10.03	139	1065953	102.291	nq	94
57) 2,4-Dinitrotoluene	10.11	165	815094	49.485	nq	99
58) Fluorene	10.48	166	2504791	43.164	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	787611	46.615	nq	99
60) Diethylphthalate	10.35	149	2685488	42.147	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	1373846	43.275	nq	99
62) 4-Nitroaniline	10.49	138	612100	43.687	nq	99
63) Azobenzene	10.63	77	2666509	42.938	nq	100
65) 4,6-Dinitro-2-methylphenol	10.52	198	351451	49.625	nq	98
66) n-Nitrosodiphenylamine	10.59	169	2350959	42.396	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	943399	40.837	nq	99
68) Hexachlorobenzene	11.03	284	1015501	39.668	nq	99
69) Atrazine	11.12	200	853208	53.318	nq	98
70) Pentachlorophenol	11.22	266	1171418	93.107	nq	99
71) Phenanthrene	11.44	178	3606155	41.571	nq	100
72) Anthracene	11.49	178	3705794	42.818	nq	99
73) Carbazole	11.64	167	3282661	42.055	nq	99
74) Di-n-butylphthalate	11.97	149	3815005	39.330	nq	99
75) Fluoranthene	12.63	202	3796848	40.701	nq	99
77) Benzidine	12.74	184	1966147	63.096	nq	98
78) Pyrene	12.86	202	3818530	39.891	nq	99
80) Butylbenzylphthalate	13.47	149	1669991	40.699	nq	99
81) Benzo(a)anthracene	14.04	228	3315493	40.955	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	856645	30.161	nq	100
83) Chrysene	14.08	228	3222739	41.387	nq	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	2148420	42.184	nq	# 98
85) Di-n-octyl phthalate	14.65	149	3386957	43.427	nq	99
86) Indeno(1,2,3-cd)pyrene	17.01	276	2762777	36.055	nq	100
88) Benzo(b)fluoranthene	15.10	252	3147051	44.395	nq	100
89) Benzo(k)fluoranthene	15.13	252	2663873	41.580	nq	99
90) Benzo(a)pyrene	15.47	252	2533640	41.076	nq	99
91) Dibenzo(a,h)anthracene	17.03	278	2318729	40.249	nq	100
92) Benzo(g,h,i)perylene	17.46	276	2244559	40.336	nq	99

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



#1

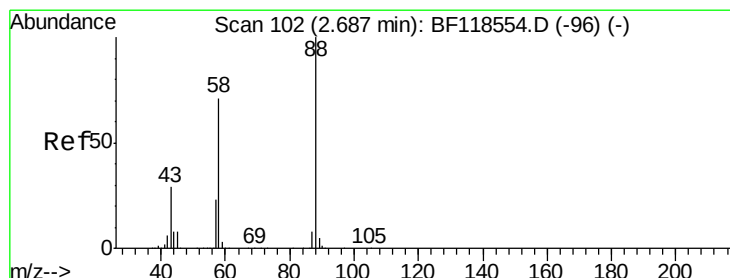
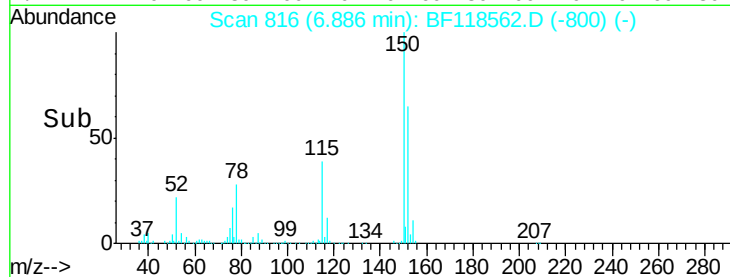
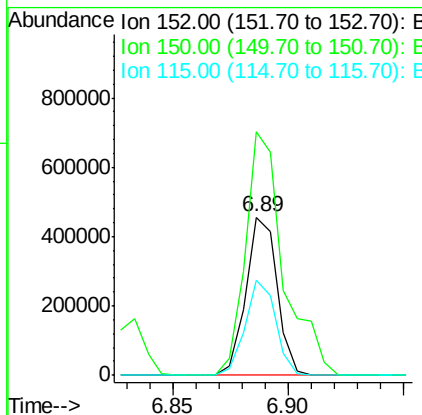
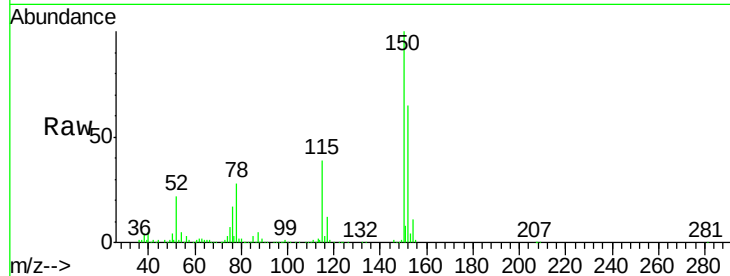
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Instrument :
BNA_F
ClientSampleId :
PB126158BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.9	187.3
115	60.3	45.8	68.6

Manual Integrations
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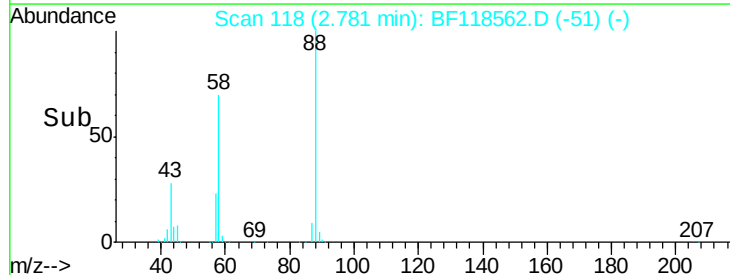
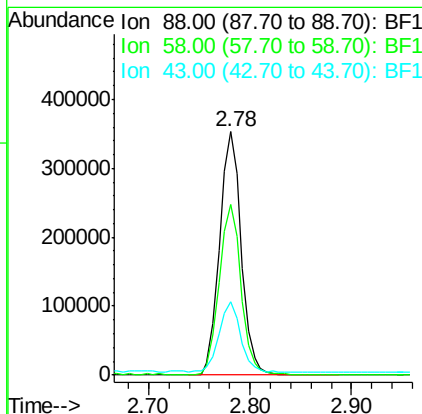
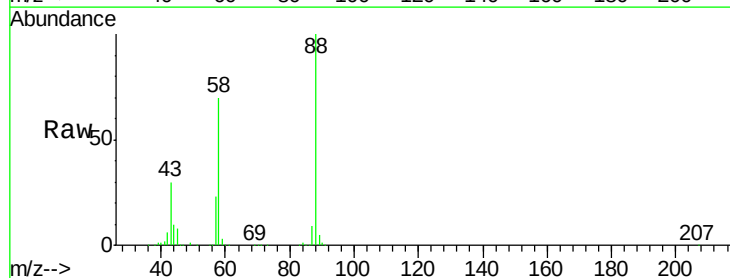
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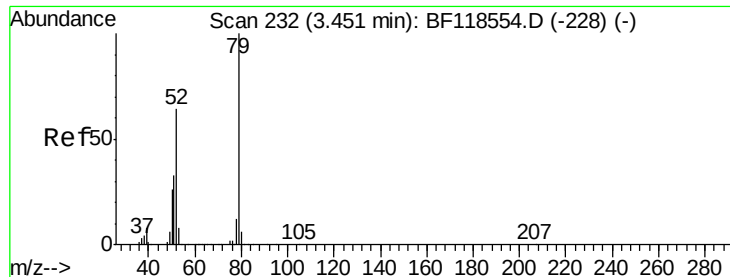


#2

1,4-Dioxane
Concen: 46.600 ng
RT: 2.78 min Scan# 118
Delta R.T. 0.09 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	56.7	85.1
43	28.8	23.3	34.9





#3
 Pvridine
 Concen: 36.566 ng
 RT: 3.53 min Scan# 246
 Delta R.T. 0.08 min
 Lab File: BF118562.D
 Acq: 17 Jan 2020 16:58

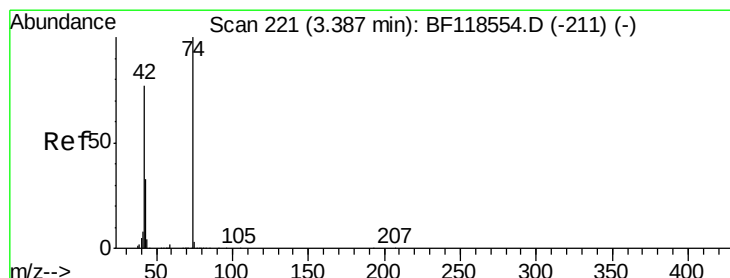
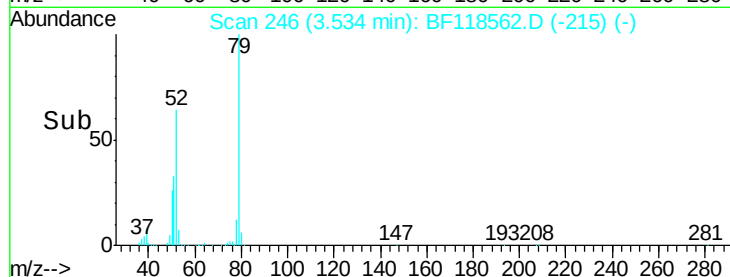
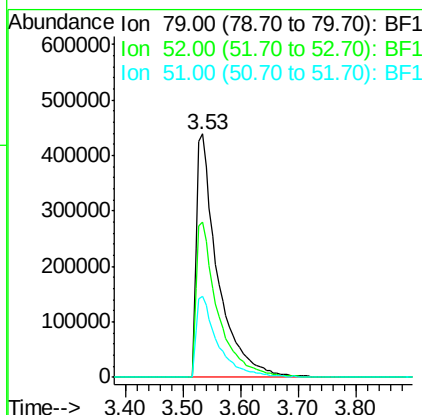
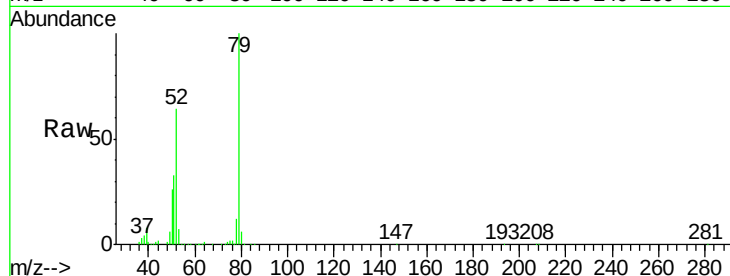
Instrument :
 BNA_F
 ClientSampleId :
 PB126158BS

Tot Ion: 79 Resp: 1134112

Ion	Ratio	Lower	Upper
79	100		
52	63.8	51.3	76.9
51	33.2	26.7	40.1

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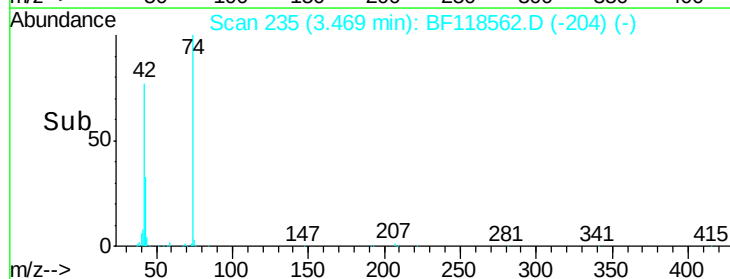
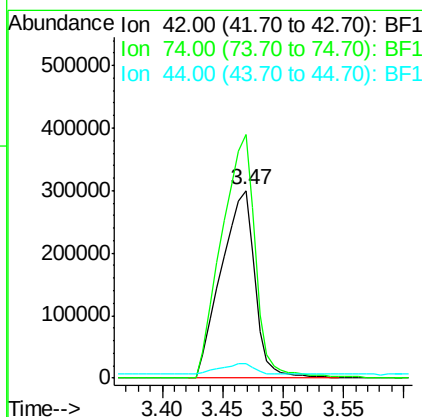
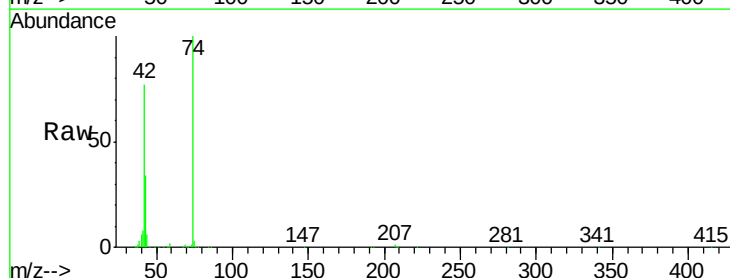
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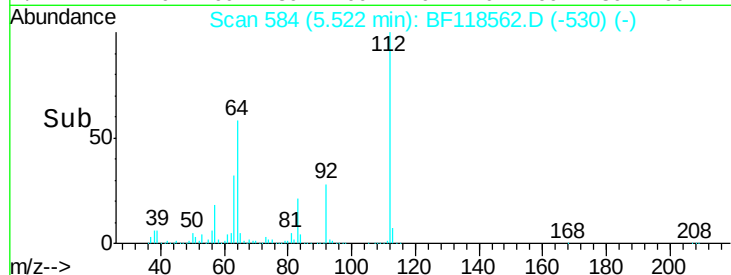
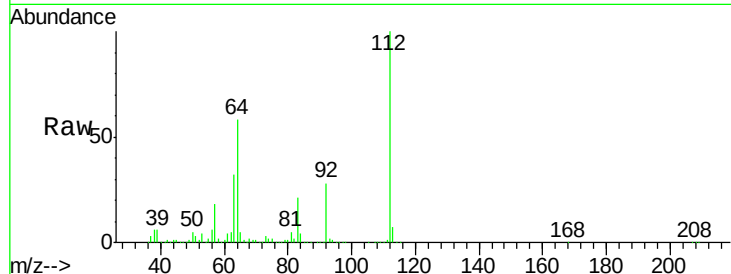
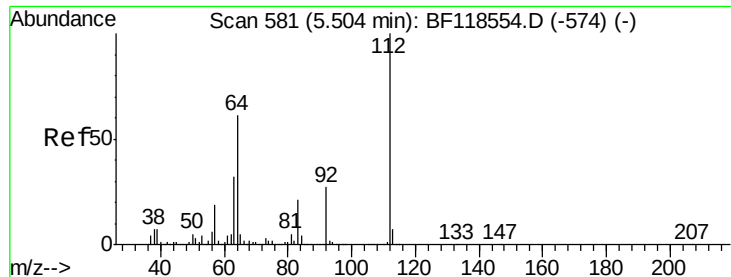


#4
 n-Nitrosodimethylamine
 Concen: 41.198 ng
 RT: 3.47 min Scan# 235
 Delta R.T. 0.08 min
 Lab File: BF118562.D
 Acq: 17 Jan 2020 16:58

Tgt Ion: 42 Resp: 586077

Ion	Ratio	Lower	Upper
42	100		
74	129.9	103.1	154.7
44	7.7	5.4	8.2





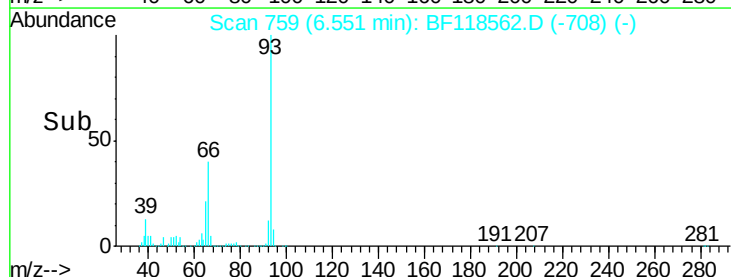
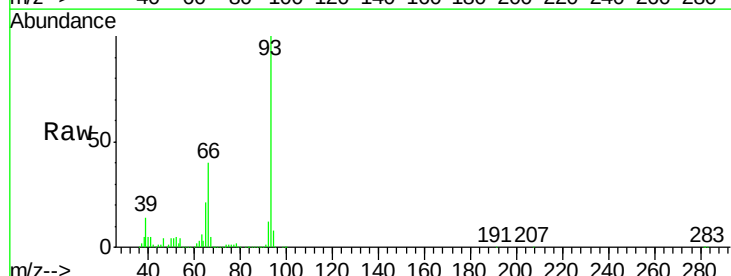
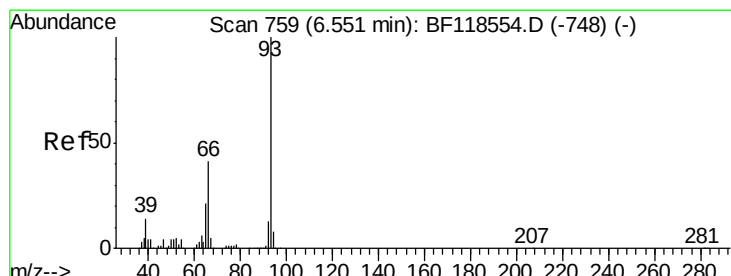
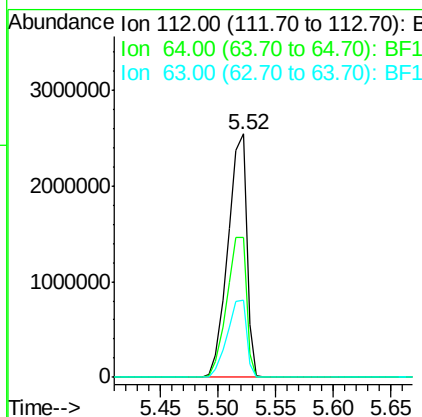
#5
2-Fluorophenol
Concen: 122.743 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.02 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tot Ion: 112 Resp: 2868791
Ion Ratio Lower Upper
112 100
64 57.7 49.1 73.7
63 31.5 25.8 38.8

Instrument :
BNA_F
ClientSampleId :
PB126158BS

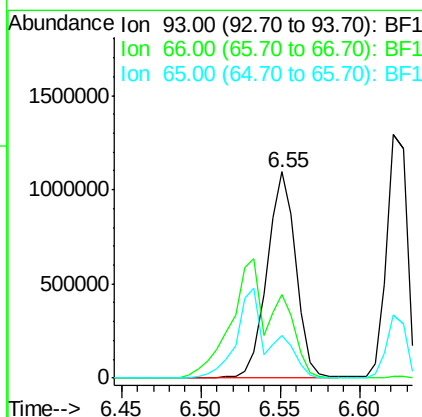
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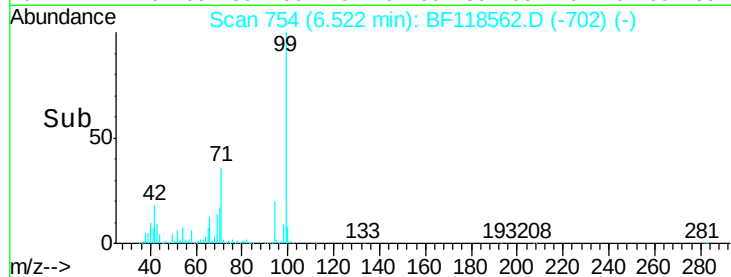
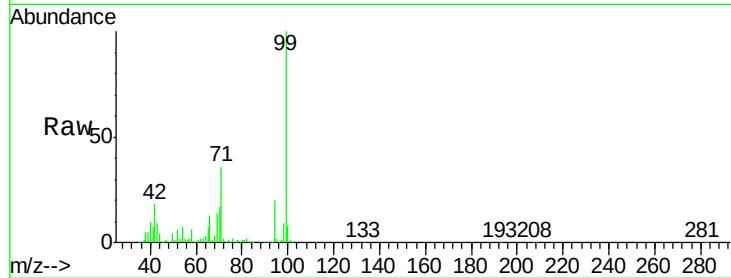
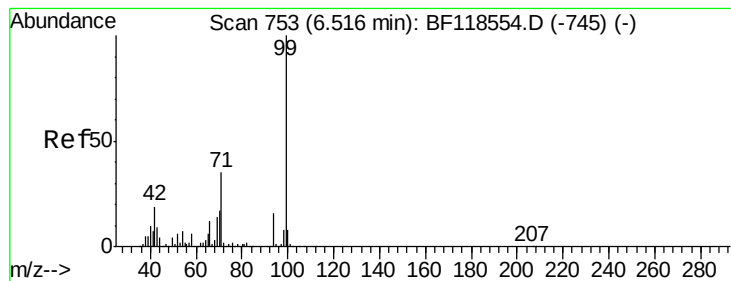
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#6
Aniline
Concen: 34.527 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion: 93 Resp: 1384000
Ion Ratio Lower Upper
93 100
66 40.3 32.9 49.3
65 20.8 16.5 24.7





#7

Phenol-d6

Concen: 123.122 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Tot Ion: 99 Resp: 3770618

Ion Ratio Lower Upper

99 100

42 18.4 14.9 22.3

71 35.7 28.3 42.5

Instrument :

BNA_F

ClientSampleId :

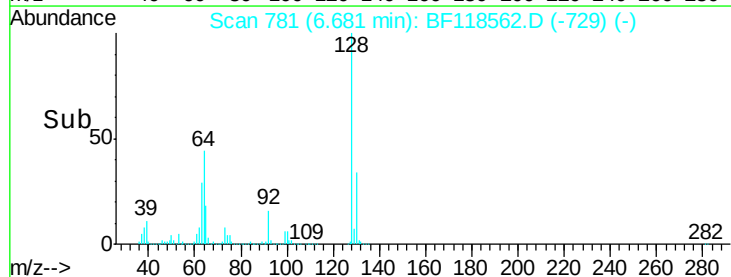
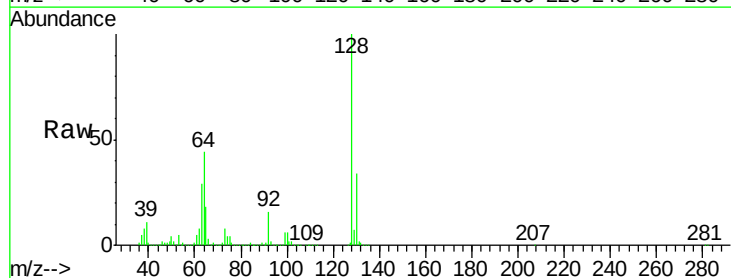
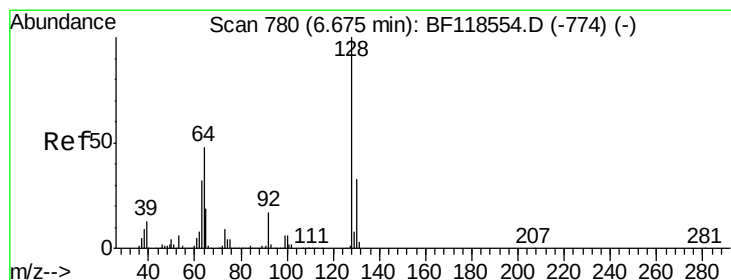
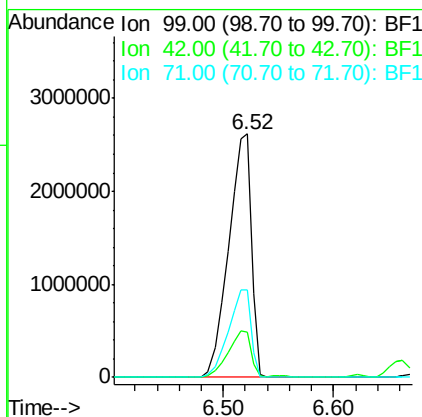
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#8

2-Chlorophenol

Concen: 45.770 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

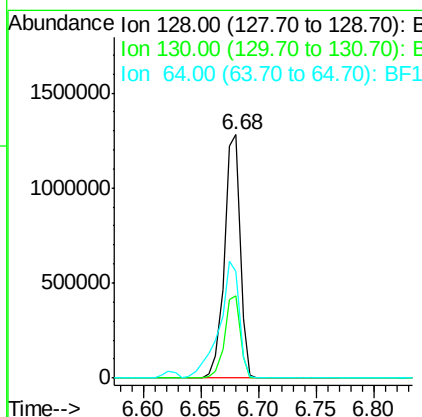
Tgt Ion:128 Resp: 1216631

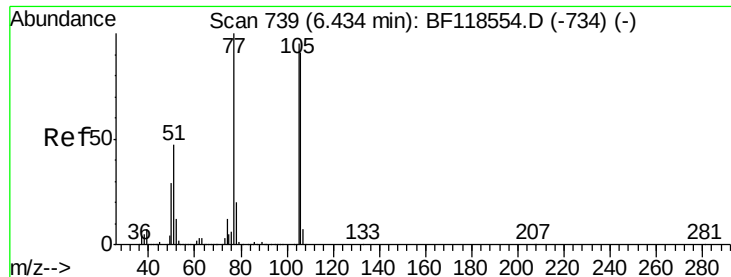
Ion Ratio Lower Upper

128 100

130 33.8 13.2 53.2

64 43.7 28.9 68.9





#9

Benzaldehyde

Concen: 42.334 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA_F

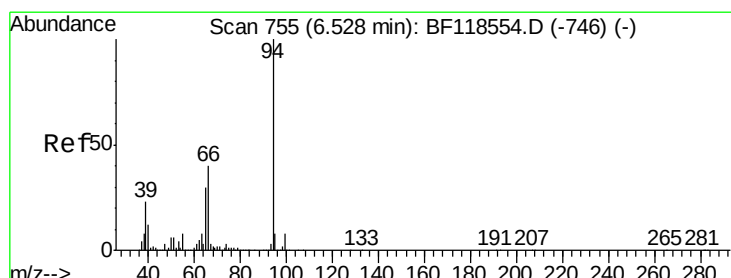
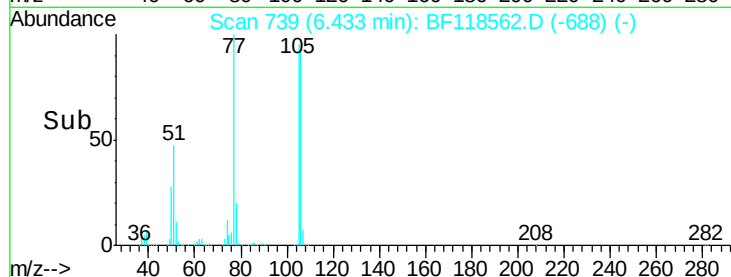
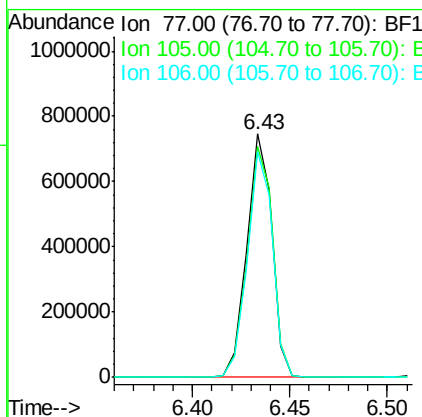
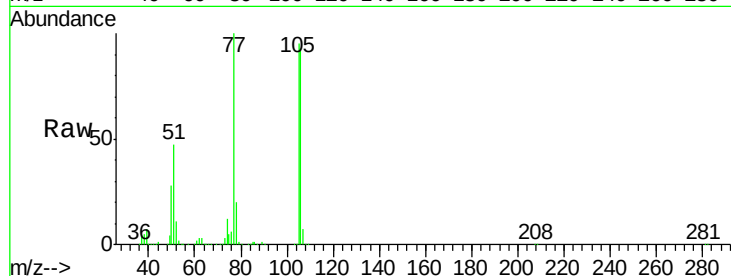
ClientSampleId :

PB126158BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	94.9	75.2	115.2	
106	92.9	71.4	111.4	

Manual Integrations
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#10

Phenol

Concen: 45.707 ng

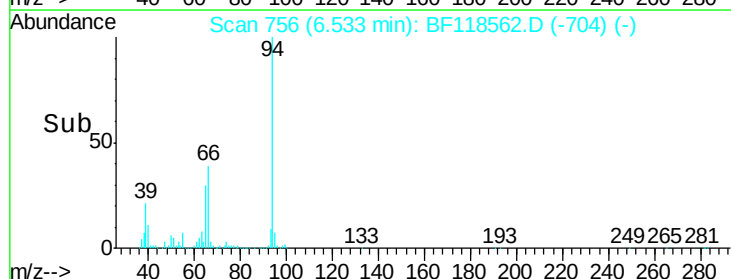
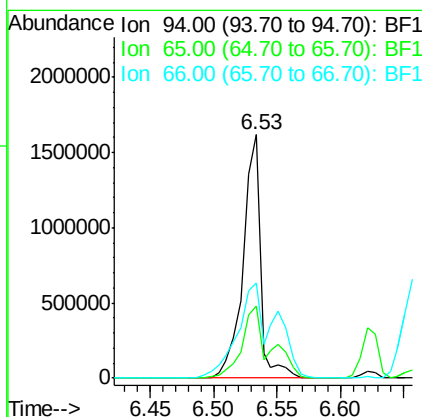
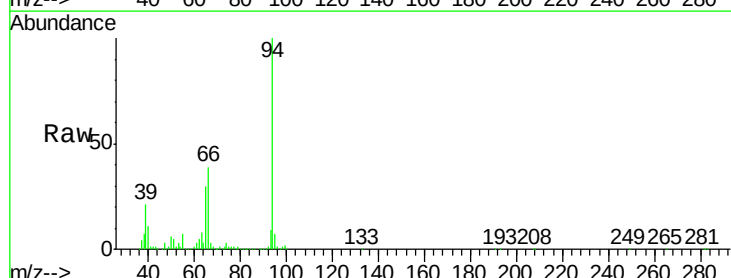
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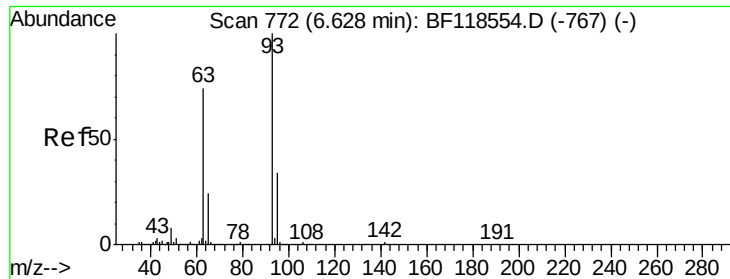
Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	29.6	9.8	49.8	
66	39.1	19.5	59.5	





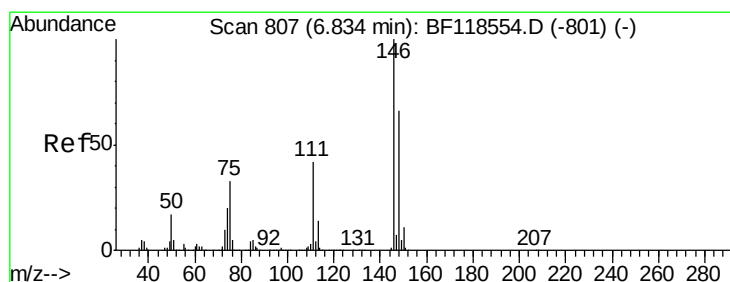
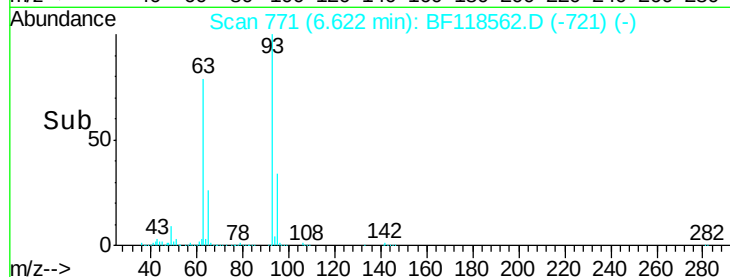
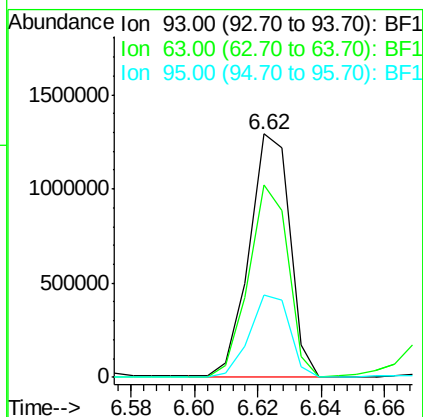
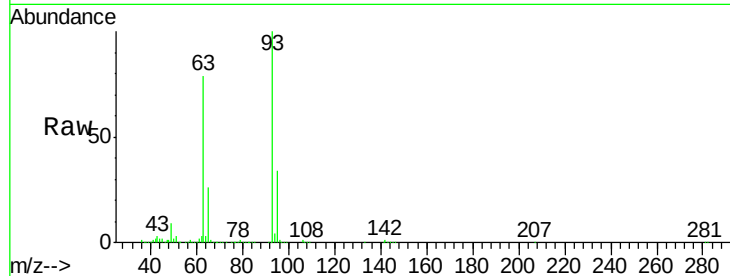
#11
bis(2-Chloroethyl)ether
Concen: 42.662 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Instrument :
BNA_F
ClientSampleId :
PB126158BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.8	54.0	94.0
95	34.0	13.5	53.5

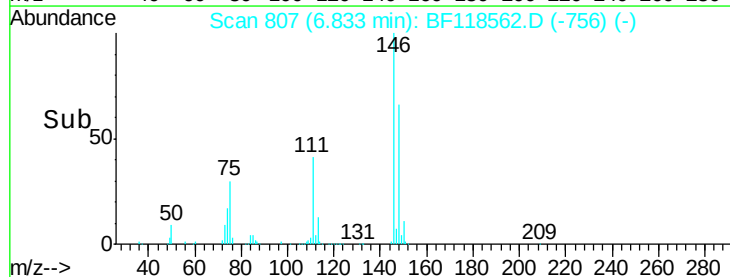
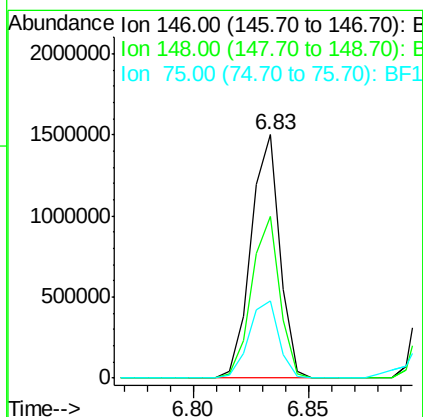
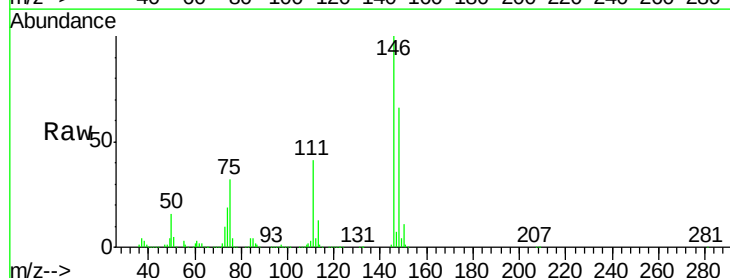
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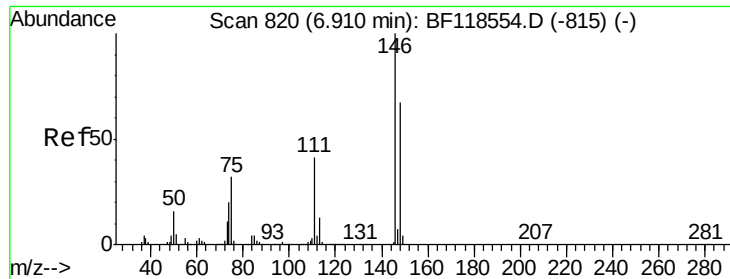
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#12
1,3-Dichlorobenzene
Concen: 41.386 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	53.0	79.6
75	31.5	26.5	39.7





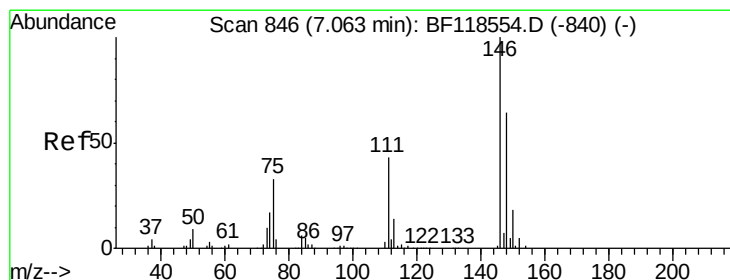
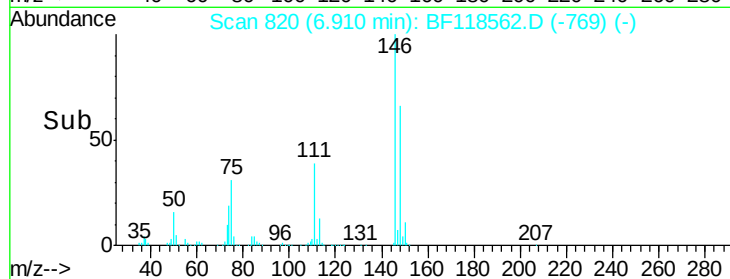
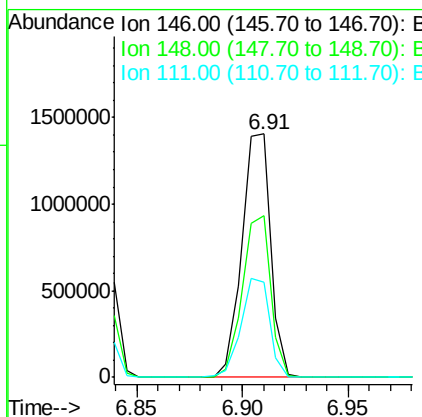
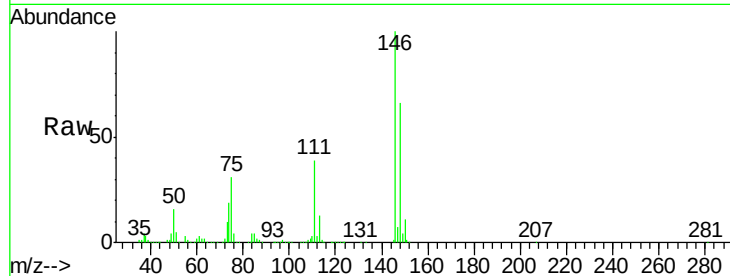
#13
 1,4-Dichlorobenzene
 Concen: 41.825 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF118562.D
 Acq: 17 Jan 2020 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB126158BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.2	53.4	80.2
111	39.0	32.6	48.8

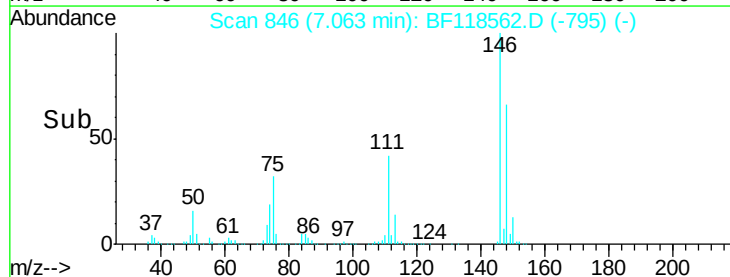
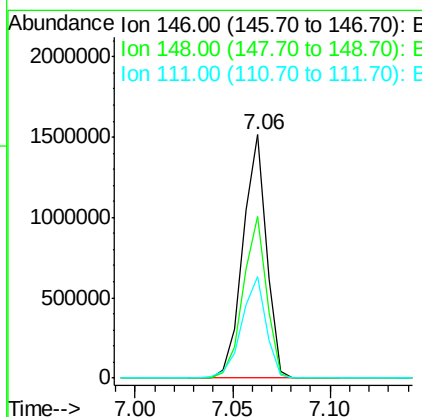
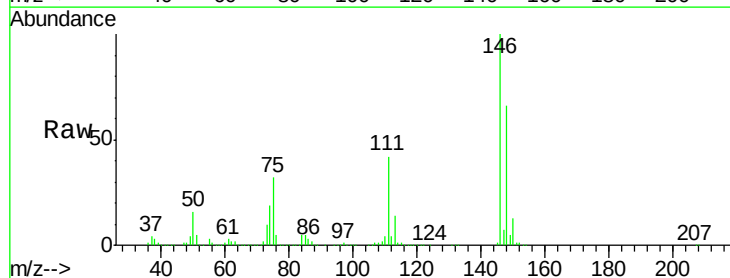
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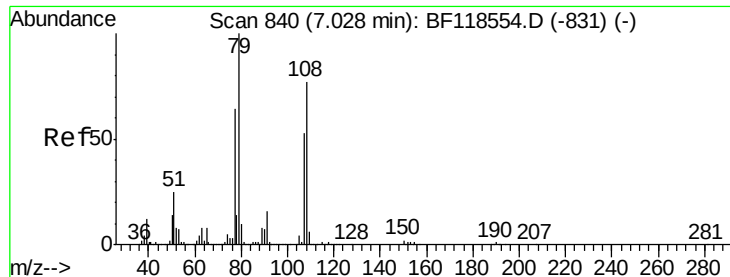
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#14
 1,2-Dichlorobenzene
 Concen: 42.524 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF118562.D
 Acq: 17 Jan 2020 16:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.2	76.8
111	41.8	34.6	52.0





#15

Benzyl Alcohol

Concen: 44.685 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA_F

ClientSampled :

PB126158BS

Tot Ion: 79 Resp: 1123078

Ion Ratio Lower Upper

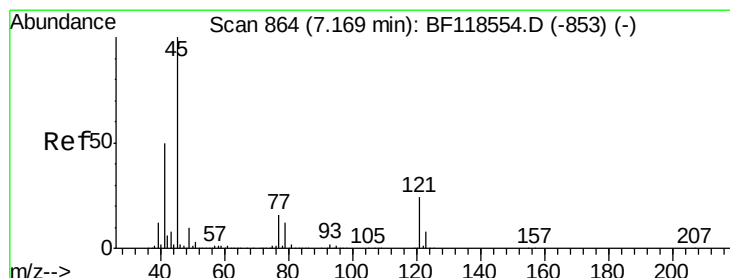
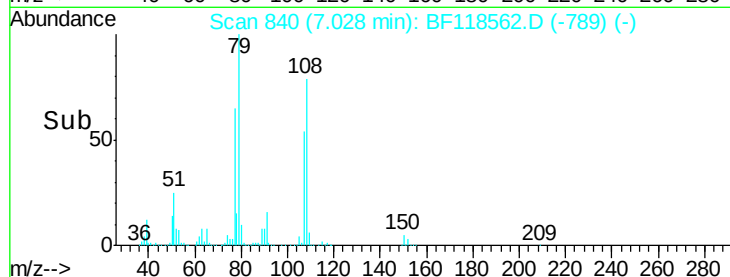
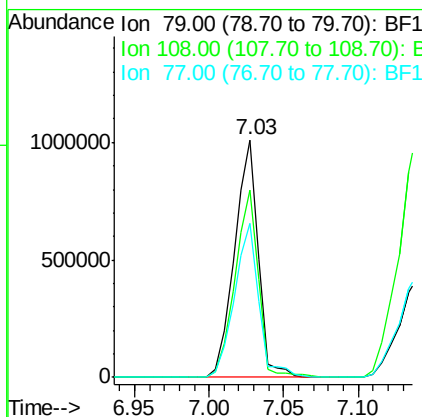
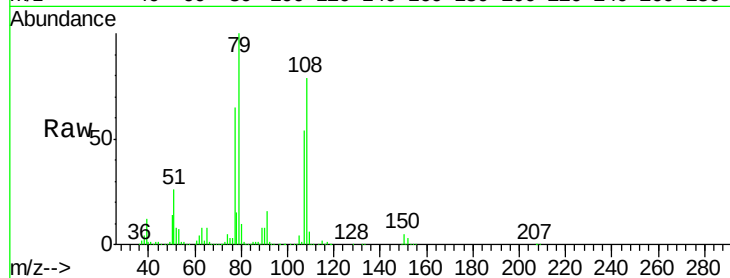
79 100

108 78.7 61.9 92.9

77 64.8 51.5 77.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.477 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

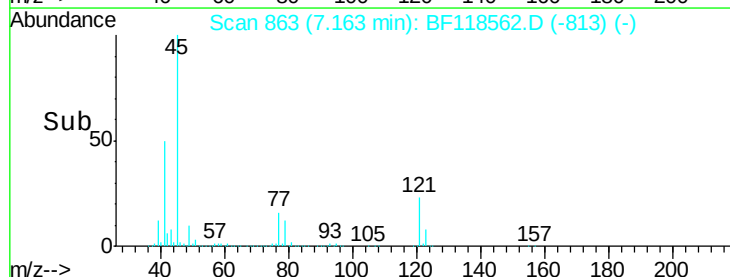
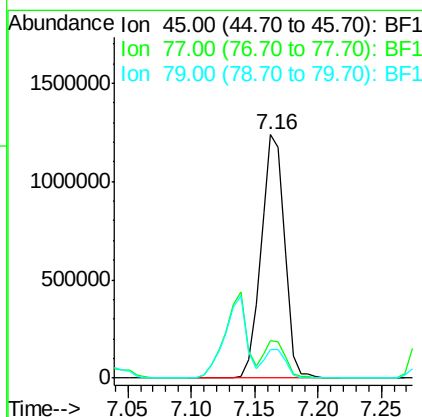
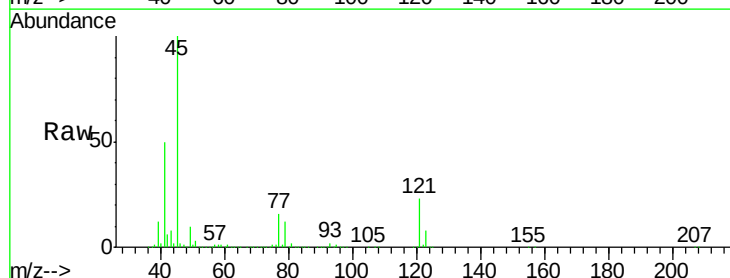
Tgt Ion: 45 Resp: 1597977

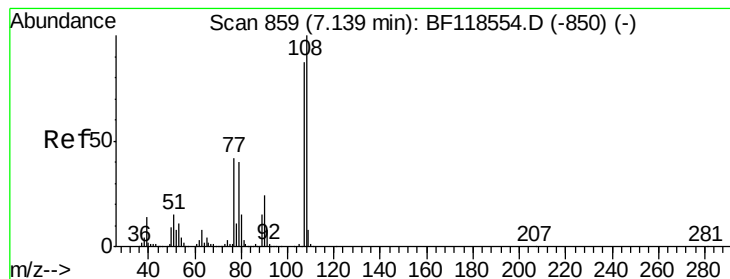
Ion Ratio Lower Upper

45 100

77 15.7 0.0 35.8

79 11.7 0.0 32.2





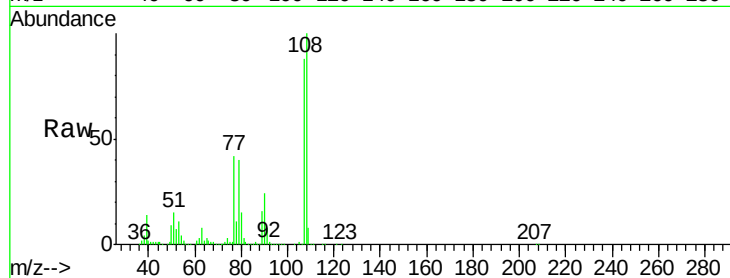
#17
2-Methylphenol
Concen: 45.200 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Instrument :
BNA_F
ClientSampleId :
PB126158BS

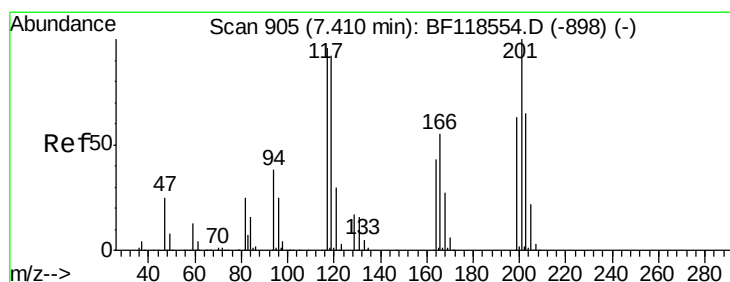
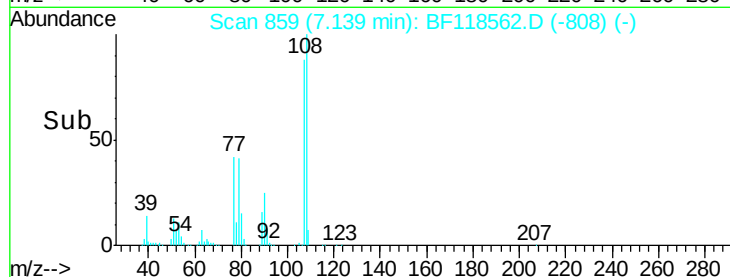
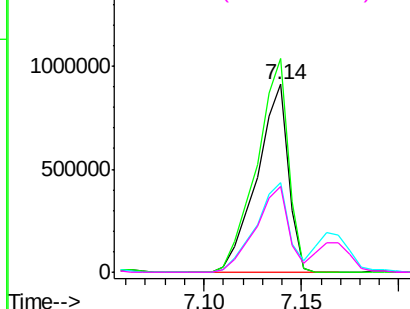
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	92.3	138.5
77	47.8	38.6	57.8
79	46.0	37.0	55.6

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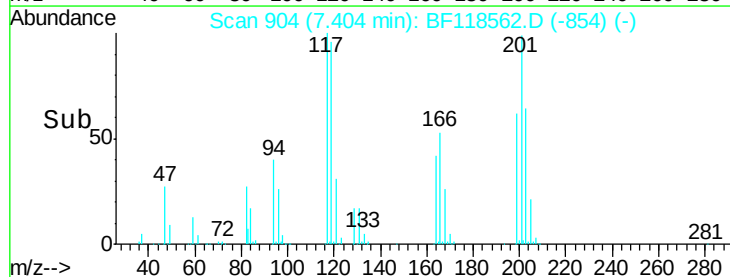
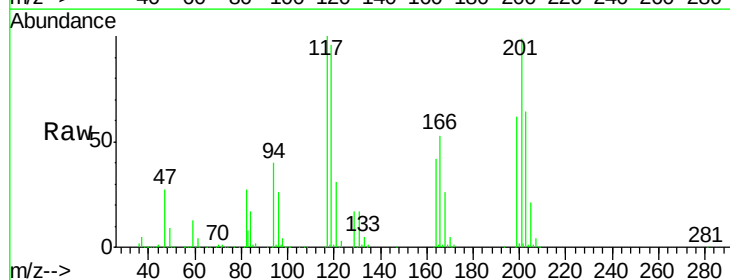
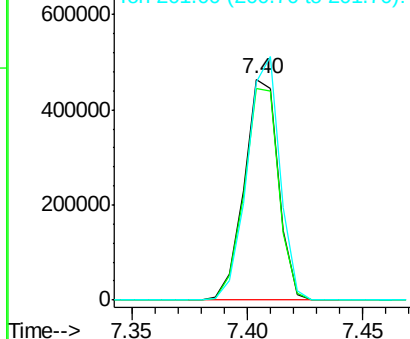
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

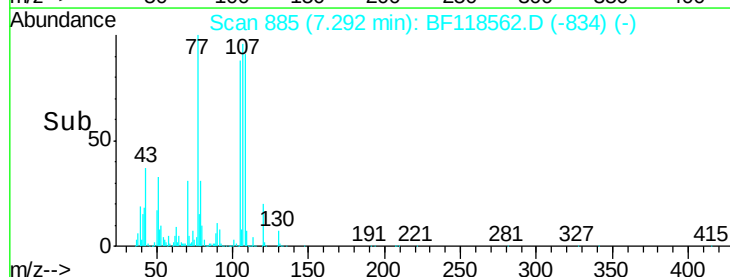
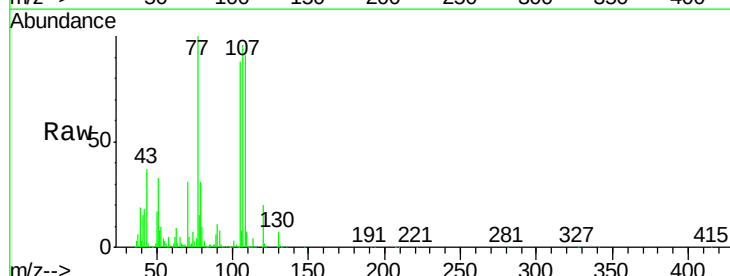
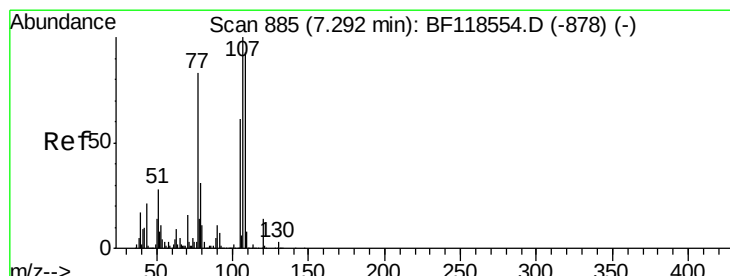
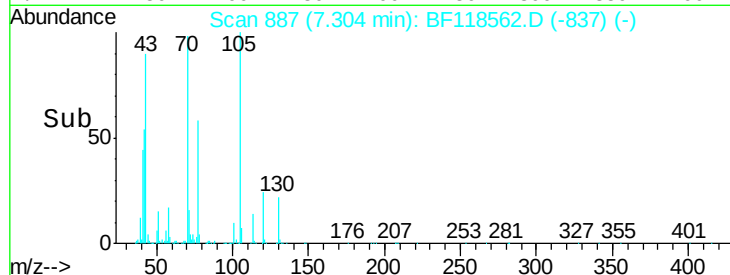
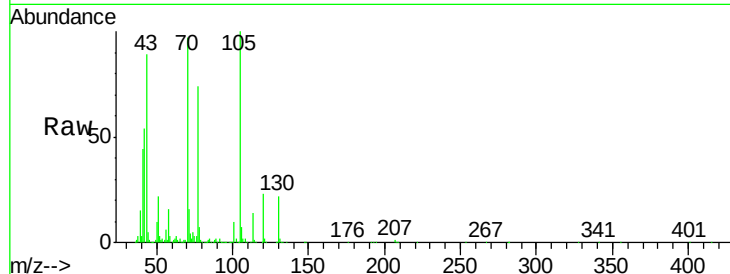
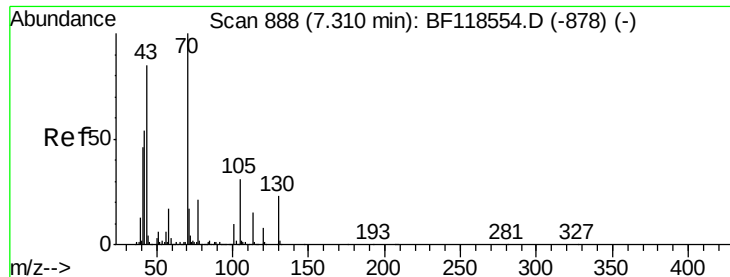


#18
Hexachloroethane
Concen: 41.489 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.9	115.3
201	98.6	83.6	125.4

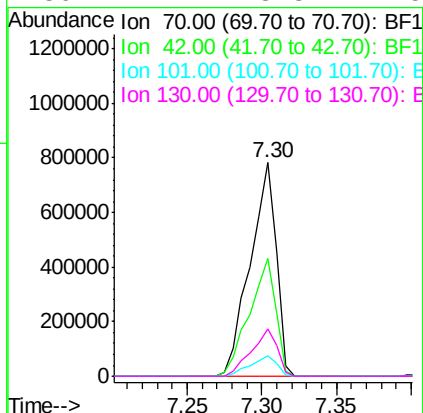
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 42.965 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.2	43.6	65.4	
101	9.8	7.7	11.5	
130	22.2	18.3	27.5	



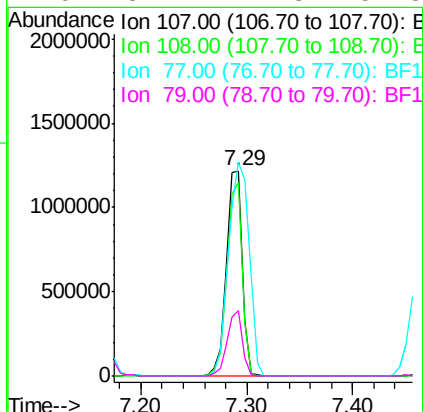
Instrument :
BNA_F
ClientSampleId :
PB126158BS

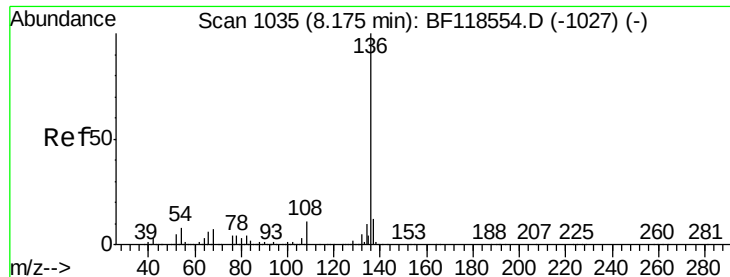
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#20
3+4-Methylphenols
Concen: 46.828 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.4	72.6	112.6	
77	104.2	63.0	103.0#	
79	32.2	11.3	51.3	





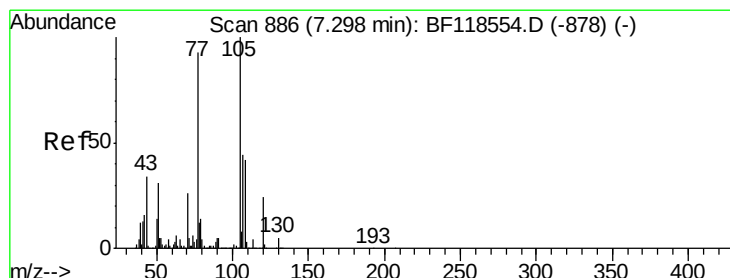
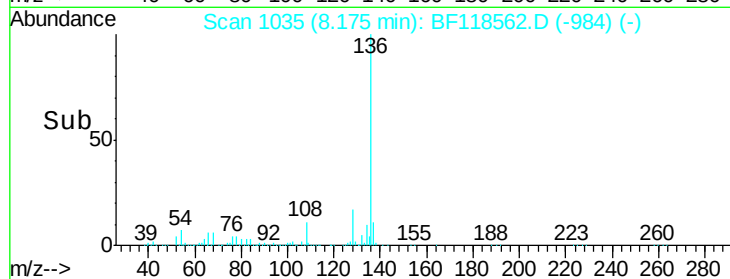
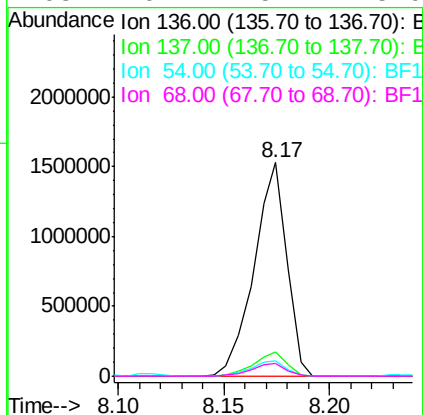
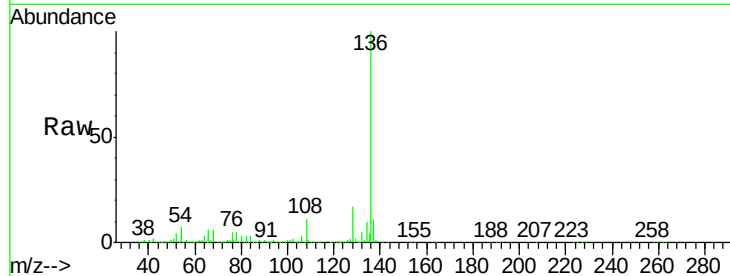
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Instrument :
BNA_F
ClientSampleId :
PB126158BS

Tot Ion	136	Resp	1640978
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	7.4	6.2	9.2
68	6.2	5.4	8.0

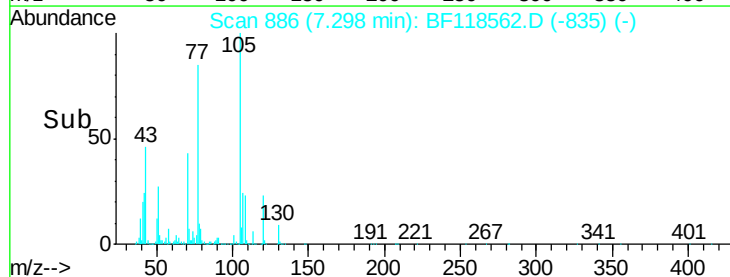
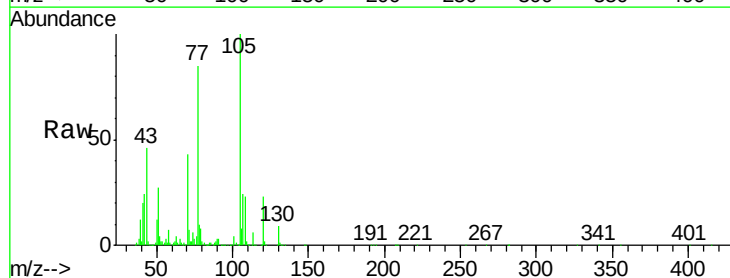
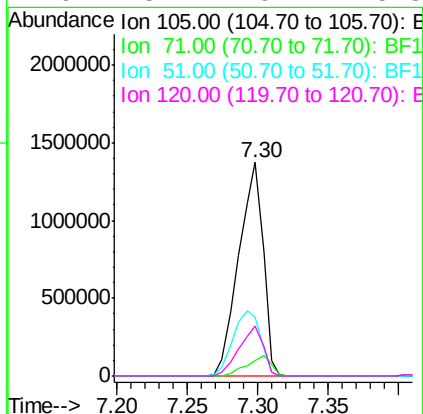
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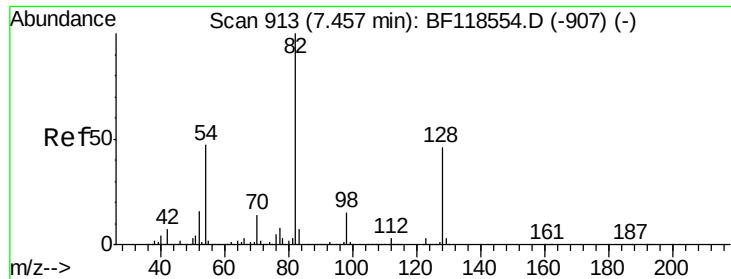
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#22
Acetophenone
Concen: 41.713 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion	105	Resp	1661071
Ion	Ratio	Lower	Upper
105	100		
71	7.2	3.8	5.6#
51	27.4	24.9	37.3
120	23.4	19.2	28.8





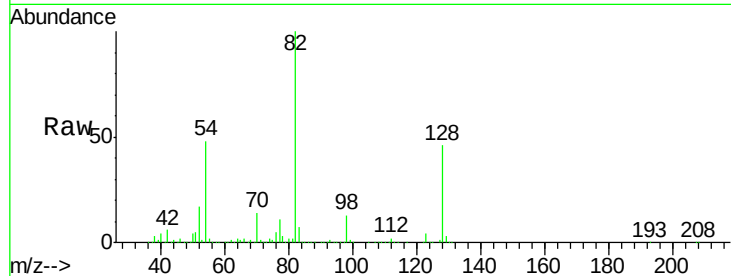
#23
Nitrobenzene-d5
Concen: 83.425 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Instrument :
BNA_F
ClientSampleId :
PB126158BS

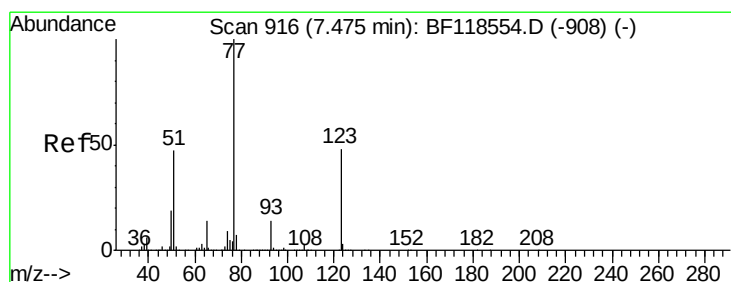
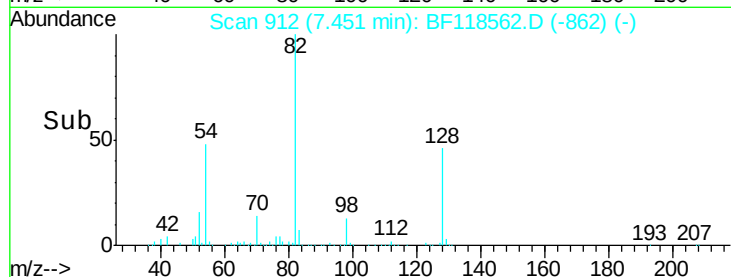
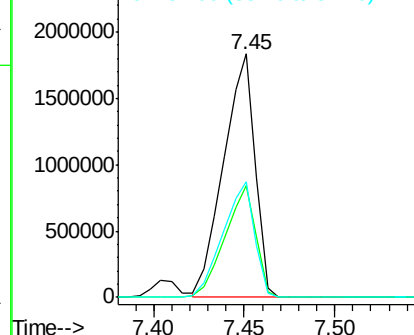
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.0	55.4
54	47.5	37.4	56.0

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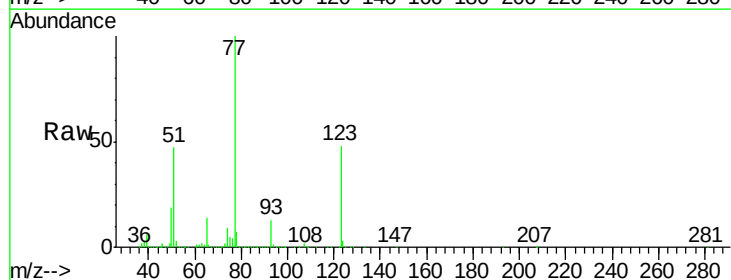


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

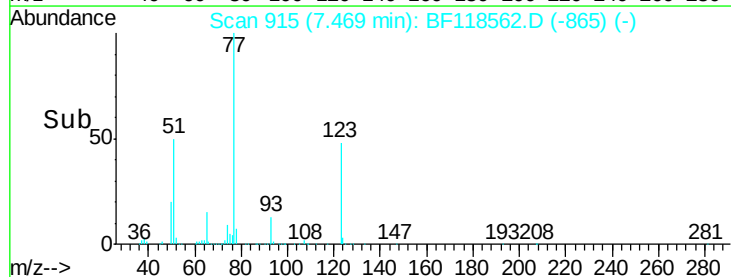
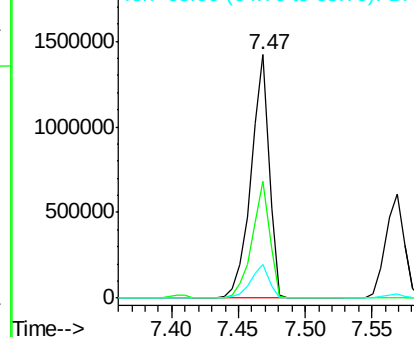


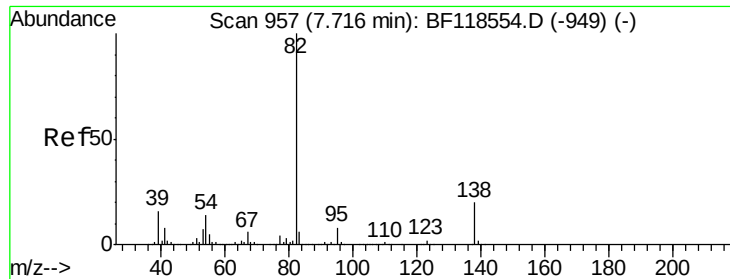
#24
Nitrobenzene
Concen: 46.447 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	38.2	57.2
65	14.0	11.1	16.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.885 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA_F

ClientSampleId :

PB126158BS

Tot Ion: 82 Resp: 2472937

Ion Ratio Lower Upper

82 100

95 7.3 6.0 9.0

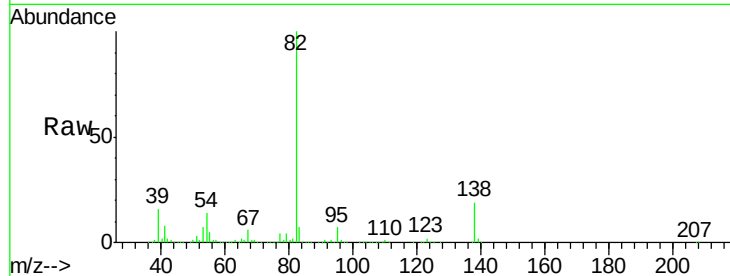
138 18.7 15.8 23.8

Manual Integrations

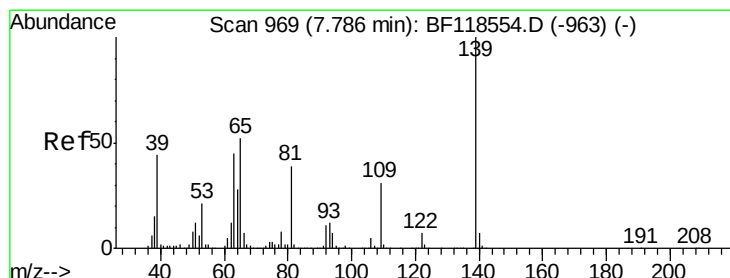
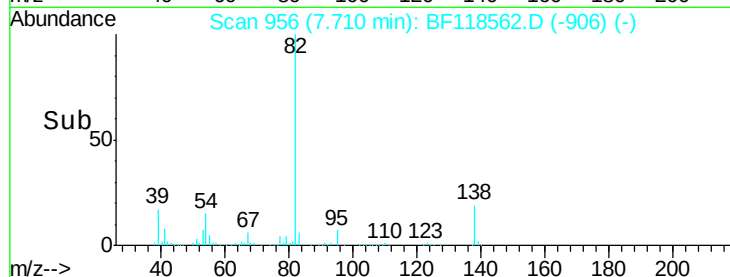
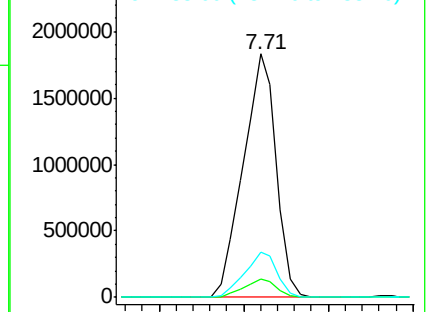
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.099 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

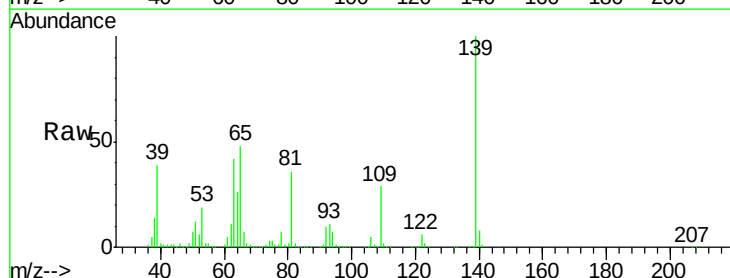
Tgt Ion: 139 Resp: 587589

Ion Ratio Lower Upper

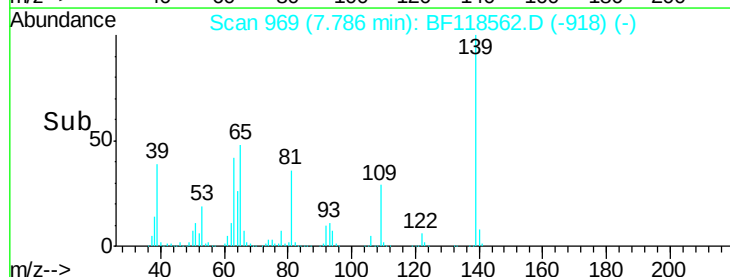
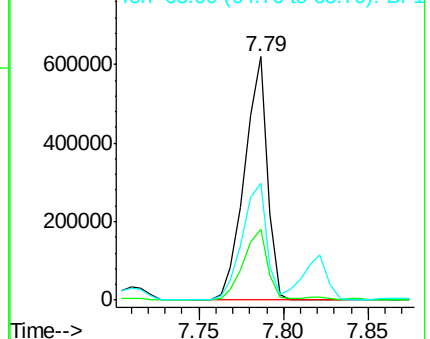
139 100

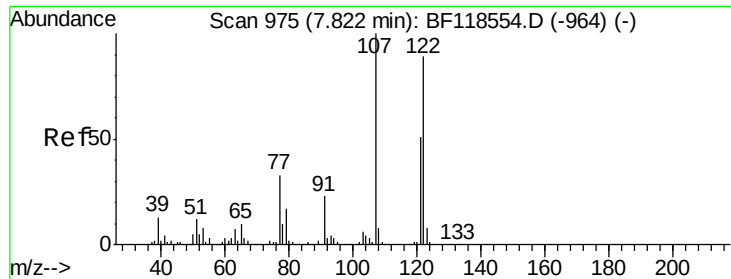
109 29.2 24.6 36.8

65 48.3 42.1 63.1



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





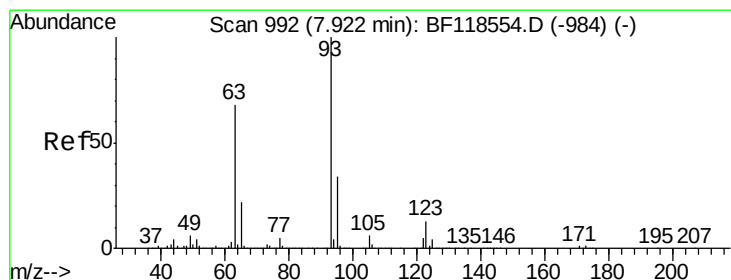
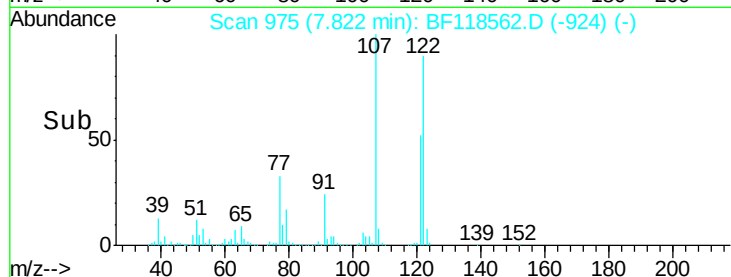
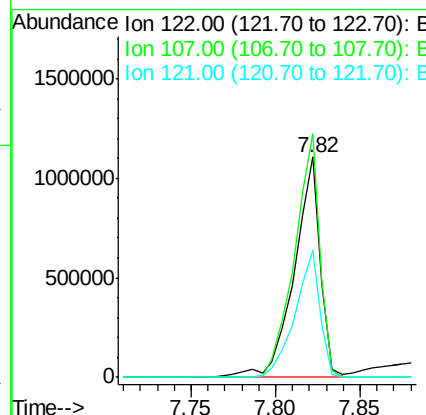
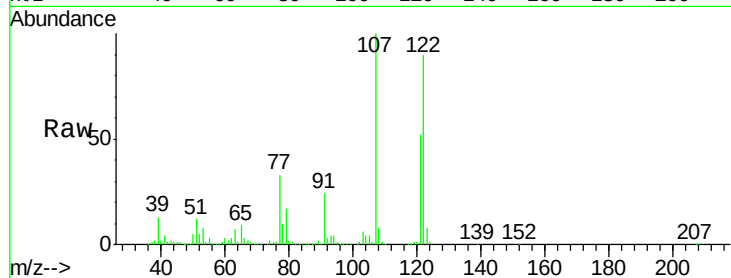
#27
2,4-Dimethylphenol
Concen: 51.407 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Instrument :
BNA_F
ClientSampleId :
PB126158BS

Tot Ion:122 Resp: 1178946
Ion Ratio Lower Upper
122 100
107 110.6 89.6 134.4
121 58.0 45.9 68.9

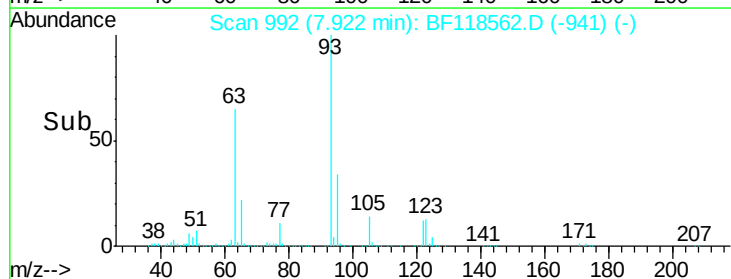
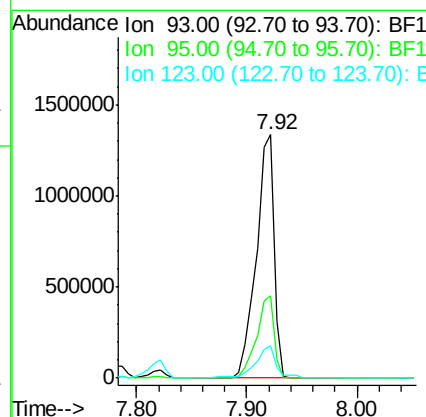
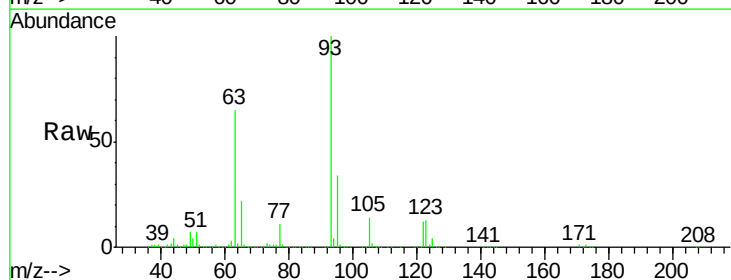
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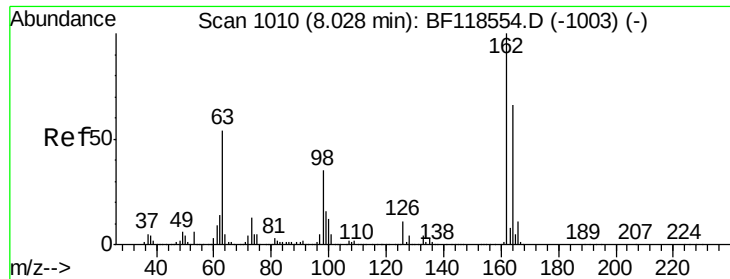
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.973 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion: 93 Resp: 1518039
Ion Ratio Lower Upper
93 100
95 34.0 27.3 40.9
123 13.2 10.2 15.4





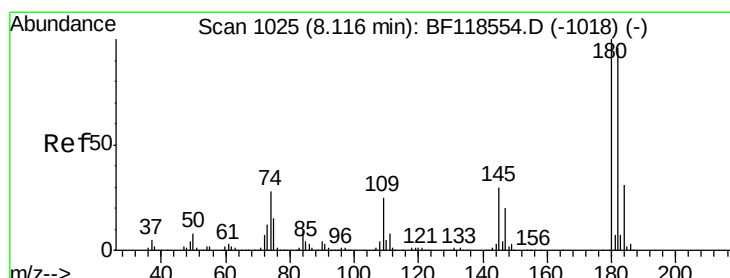
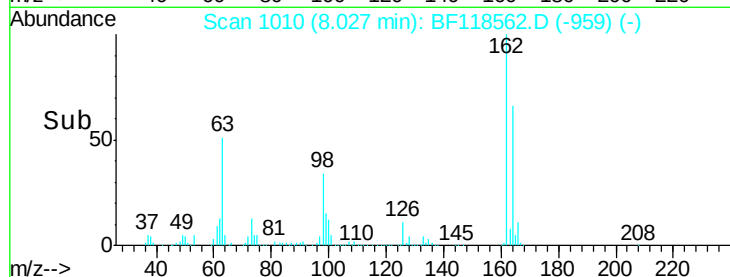
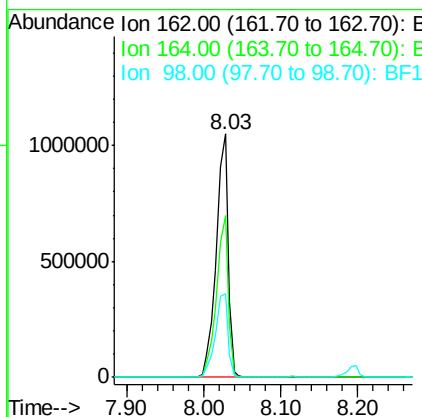
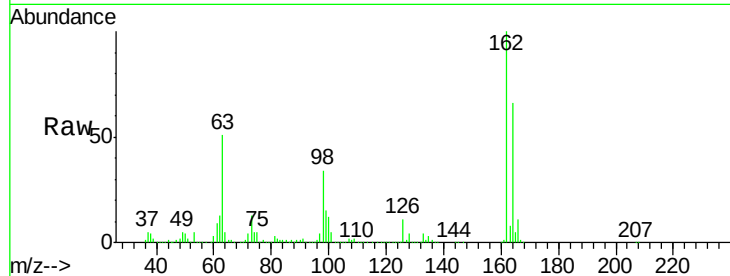
#29
2,4-Dichlorophenol
Concen: 43.883 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Instrument :
BNA_F
ClientSampleId :
PB126158BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	45.6	85.6
98	34.5	15.4	55.4

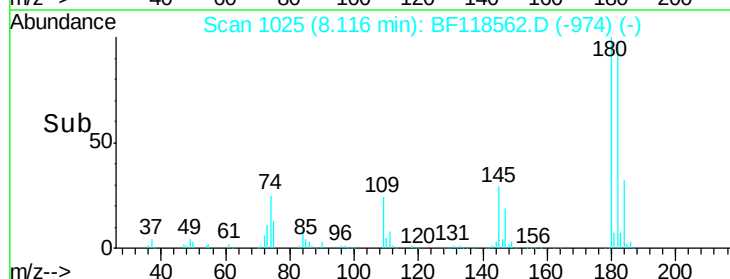
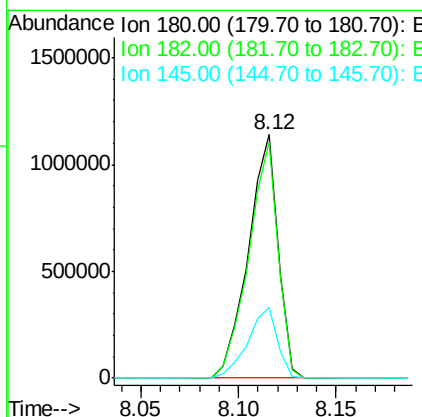
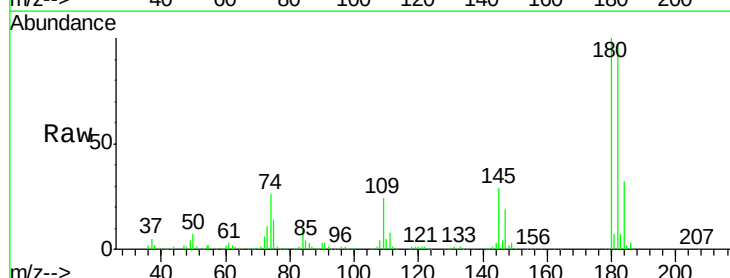
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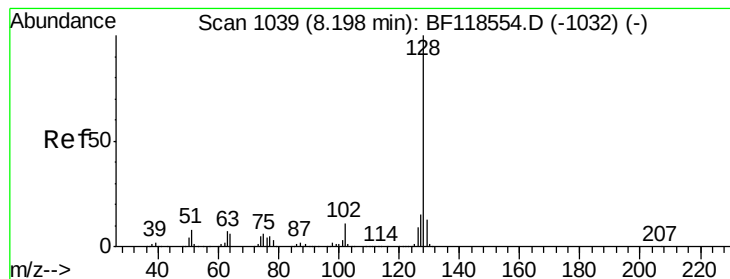
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.730 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.8	115.2
145	29.1	24.2	36.2





#31

Naphthalene

Concen: 43.891 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA_F

ClientSampleId :

PB126158BS

Tot Ion:128 Resp: 3396667

Ion Ratio Lower Upper

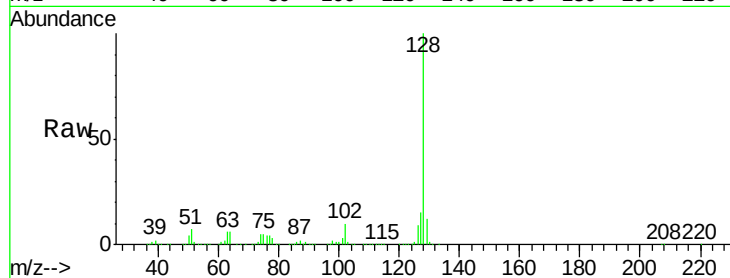
128 100

129 12.2 10.3 15.5

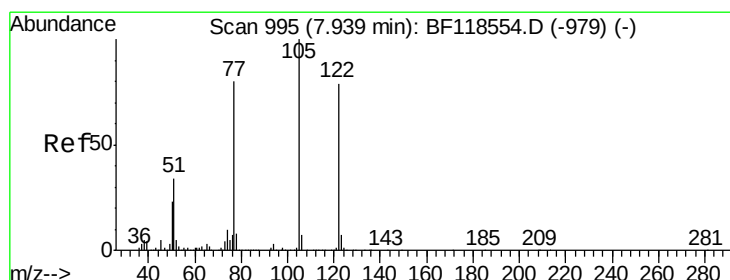
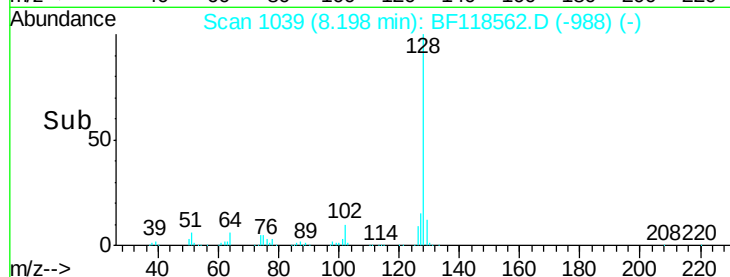
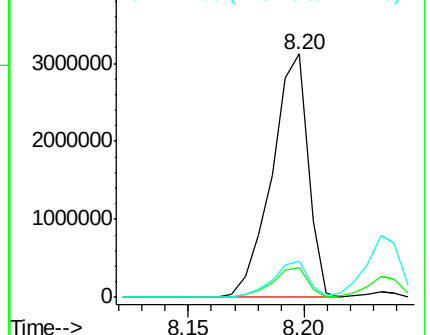
127 14.7 12.1 18.1

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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: 45.070 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

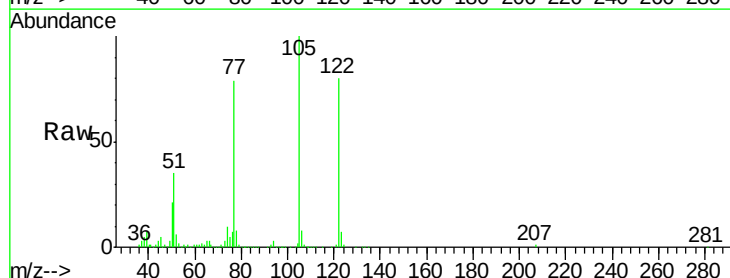
Tgt Ion:122 Resp: 699076

Ion Ratio Lower Upper

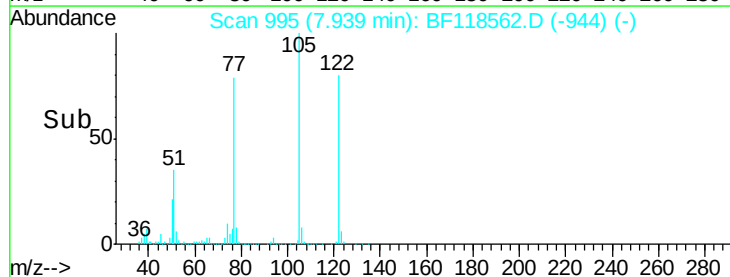
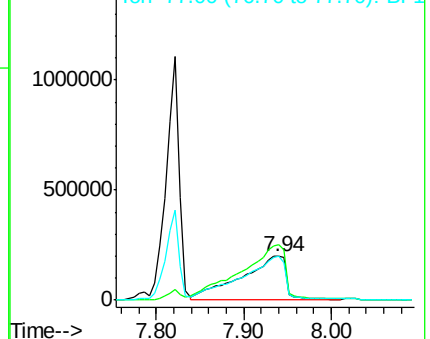
122 100

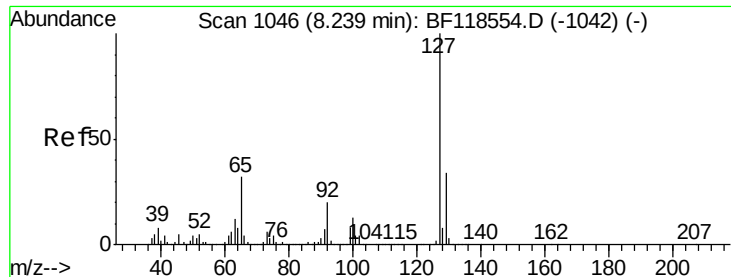
105 125.6 105.0 145.0

77 99.6 80.7 120.7



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





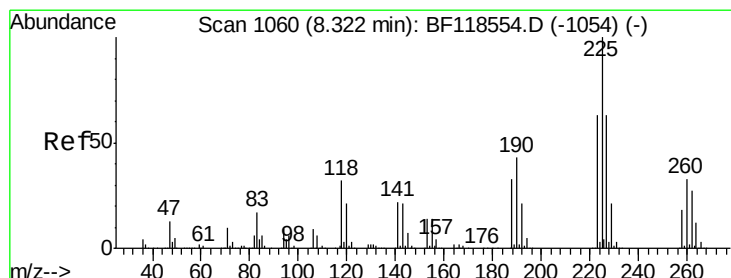
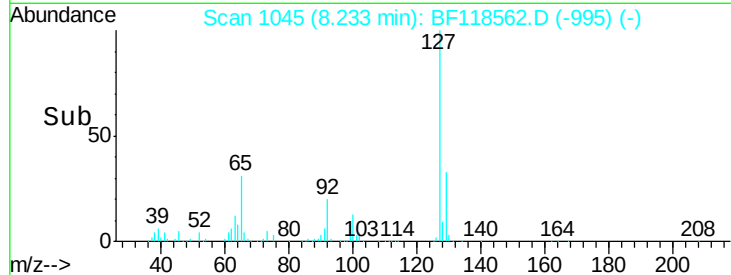
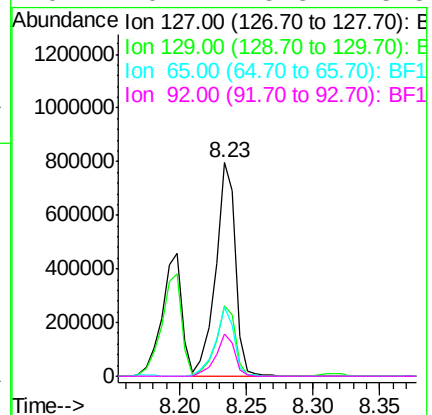
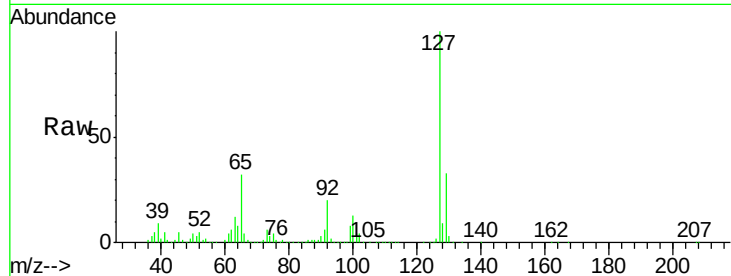
#33
4-Chloroaniline
Concen: 22.928 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Instrument :
BNA_F
ClientSampleId :
PB126158BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		824448		
129	33.0	27.0	40.4		
65	32.4	25.8	38.8		
92	19.7	15.8	23.8		

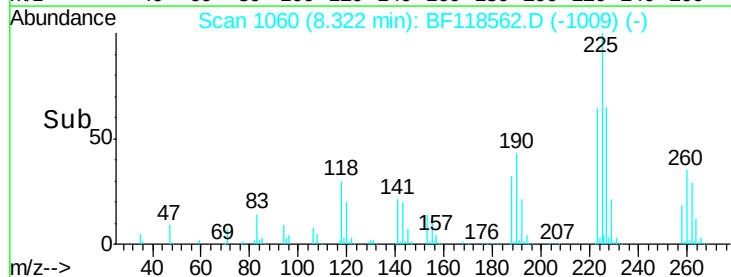
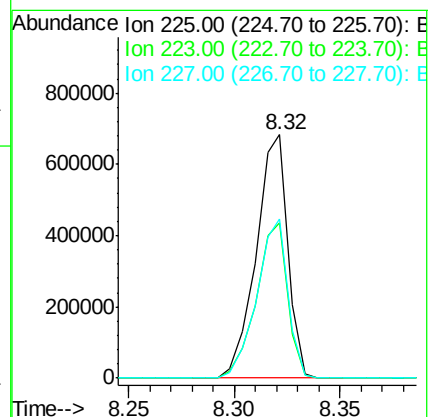
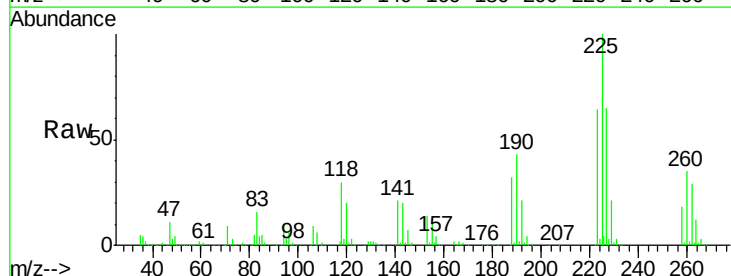
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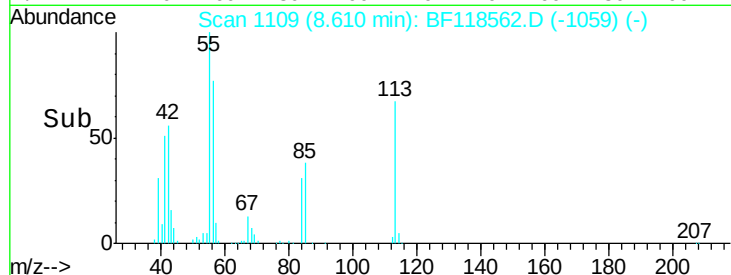
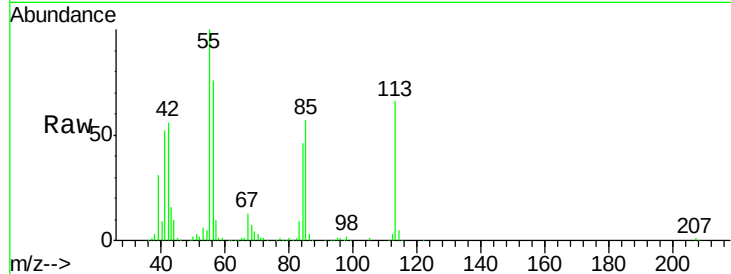
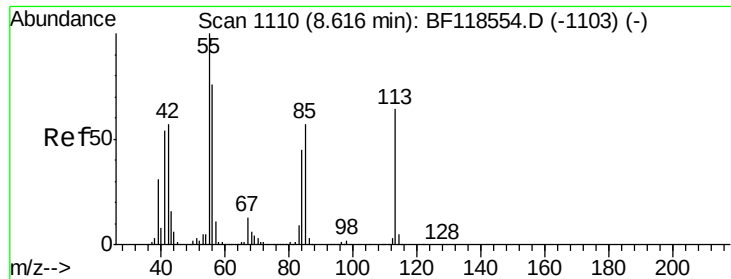
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#34
Hexachlorobutadiene
Concen: 38.743 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		710921		
223	63.8	50.6	76.0		
227	65.1	50.4	75.6		





#35

Caprolactam

Concen: 44.018 ng/ml

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Tot Ion:	113	Resp:	345673
Ion	Ratio	Lower	Upper
113	100		
55	150.8	137.3	177.3
56	114.8	99.7	139.7

Instrument :

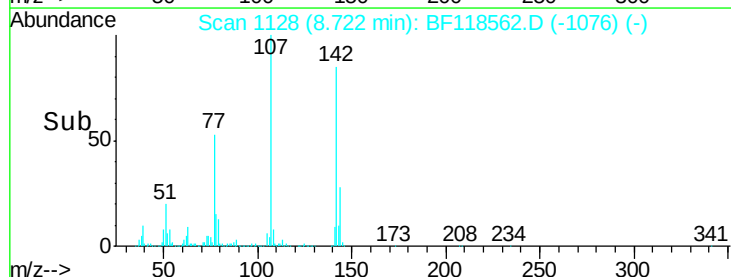
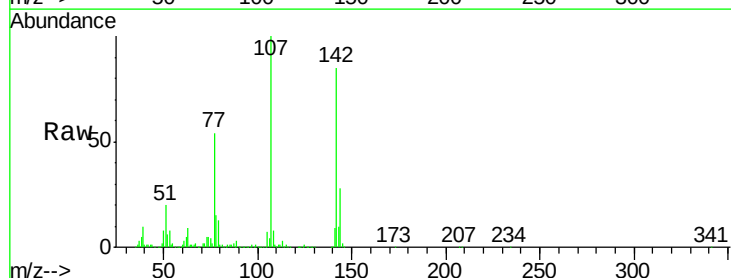
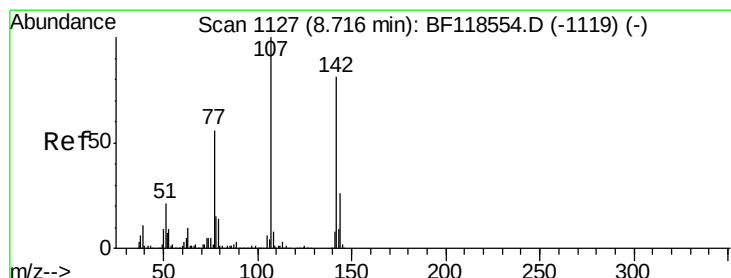
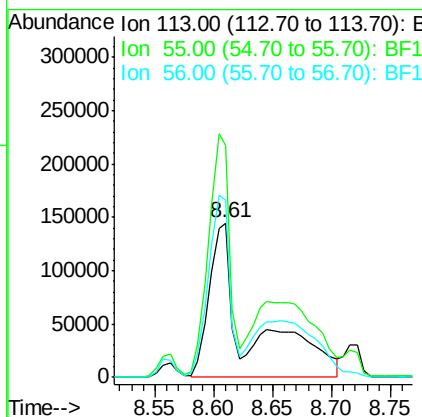
BNA_F

ClientSampleId :

PB126158BS

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#36

4-Chloro-3-methylphenol

Concen: 44.697 ng/ml

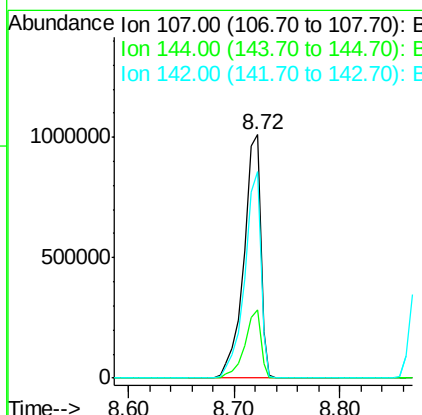
RT: 8.72 min Scan# 1128

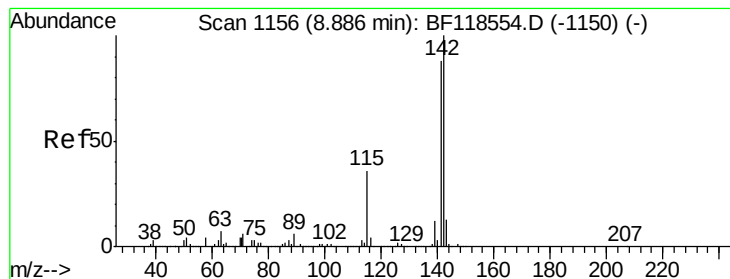
Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Tgt Ion:	107	Resp:	1118507
Ion	Ratio	Lower	Upper
107	100		
144	28.3	21.2	31.8
142	84.8	64.4	96.6





#37

2-Methylnaphthalene

Concen: 44.676 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA_F

ClientSampleId :

PB126158BS

Tot Ion:142 Resp: 2449414

Ion Ratio Lower Upper

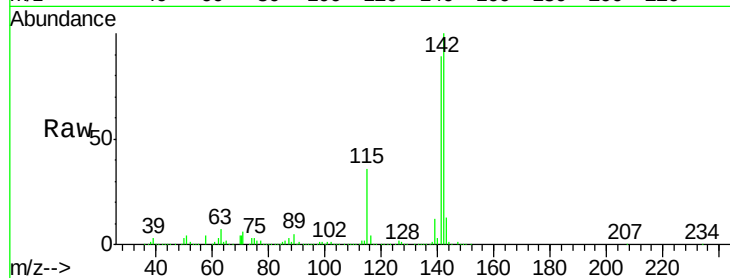
142 100

141 88.9 70.6 106.0

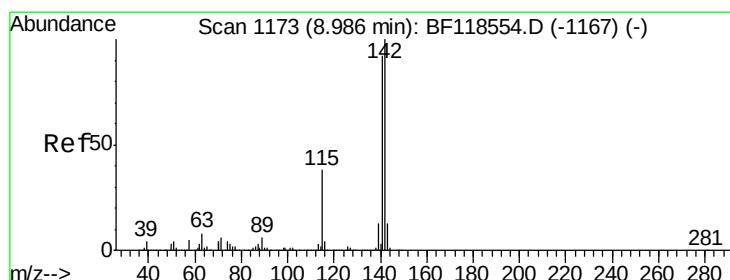
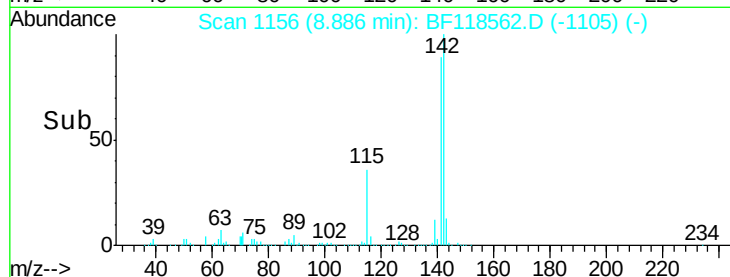
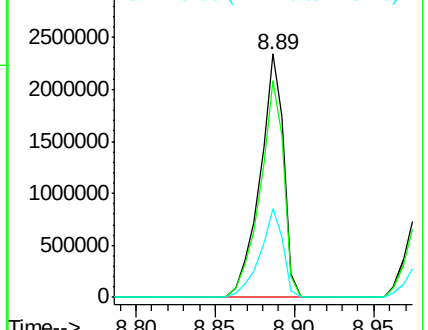
115 36.3 29.0 43.4

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



#38

1-Methylnaphthalene

Concen: 44.876 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

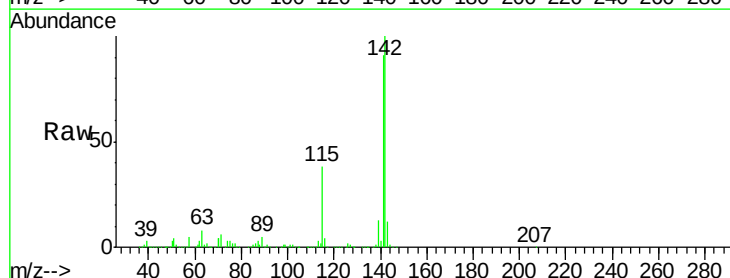
Tgt Ion:142 Resp: 2327627

Ion Ratio Lower Upper

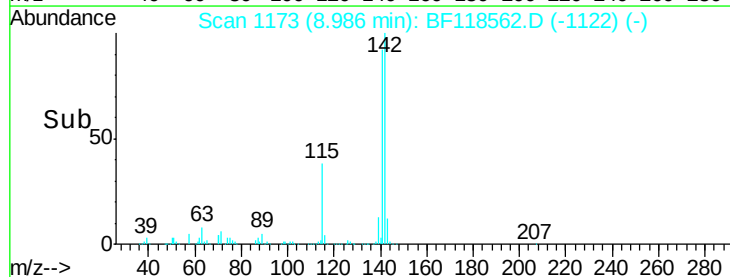
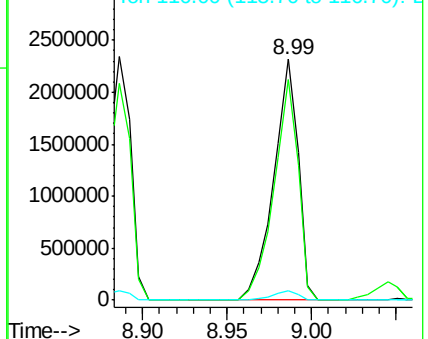
142 100

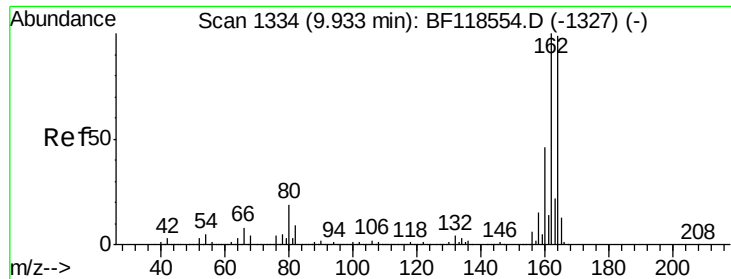
141 91.5 73.8 110.6

116 4.0 3.3 4.9



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





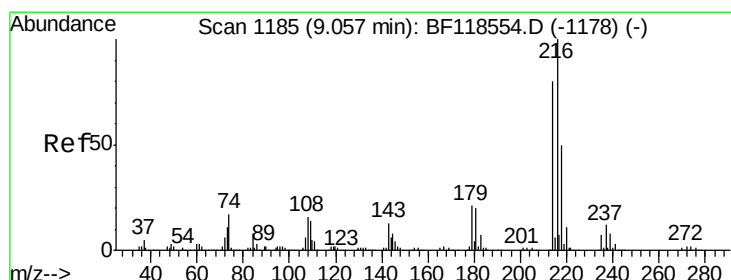
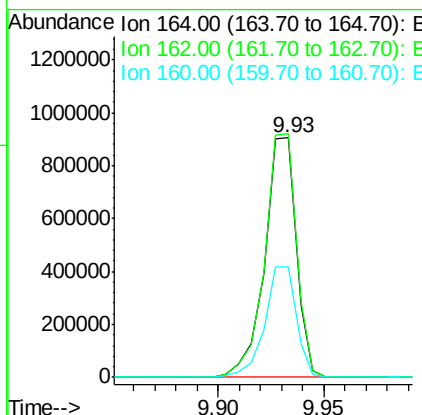
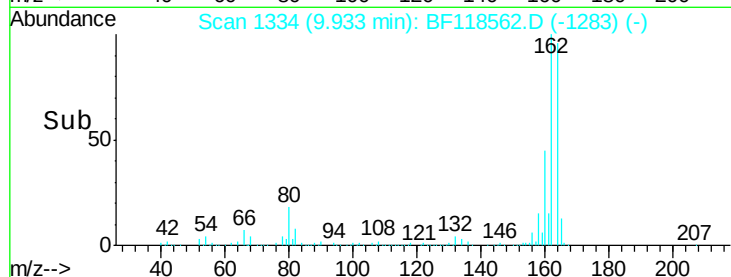
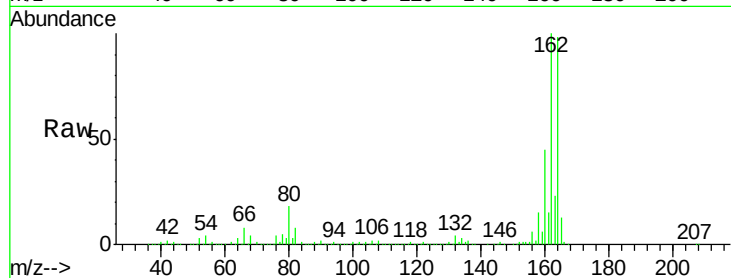
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Instrument :
BNA_F
ClientSampleId :
PB126158BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	46.2	36.7	55.1

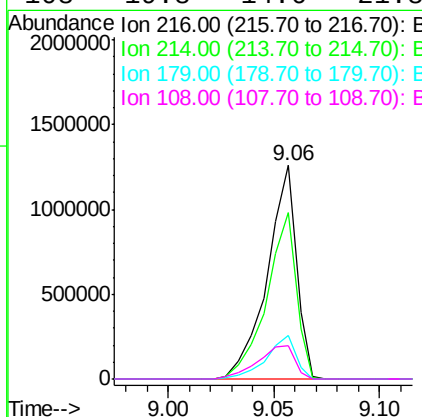
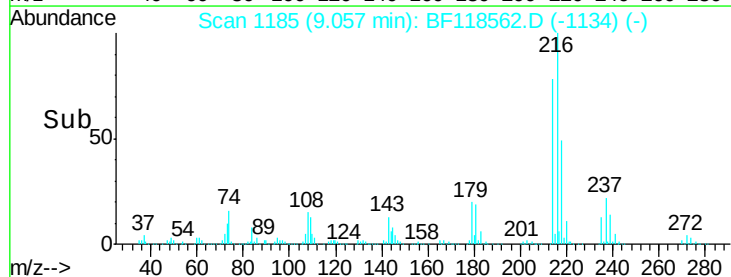
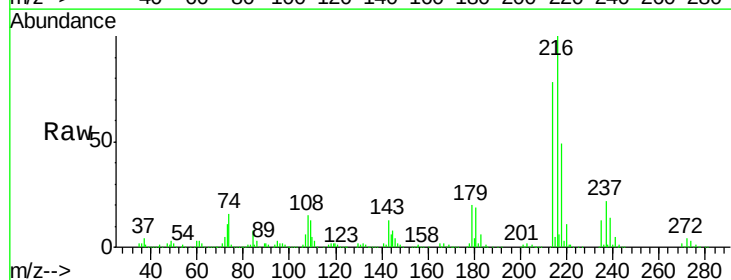
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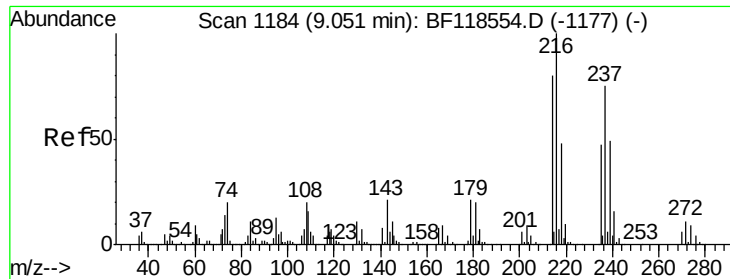
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.730 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.6	95.4
179	20.3	16.5	24.7
108	19.8	14.6	21.8





#41

Hexachlorocyclopentadiene

Concen: 97.568 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA_F

ClientSampleId :

PB126158BS

Tot Ion:237 Resp: 1562993

Ion Ratio Lower Upper

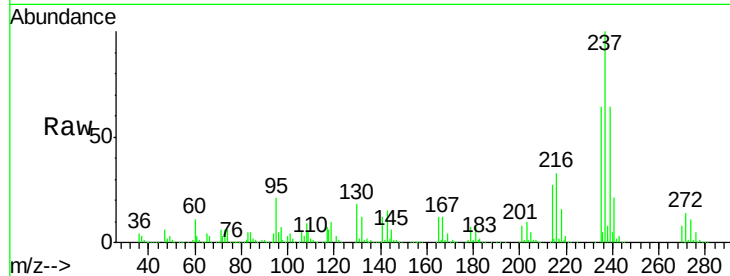
237 100

235 64.1 42.1 82.1

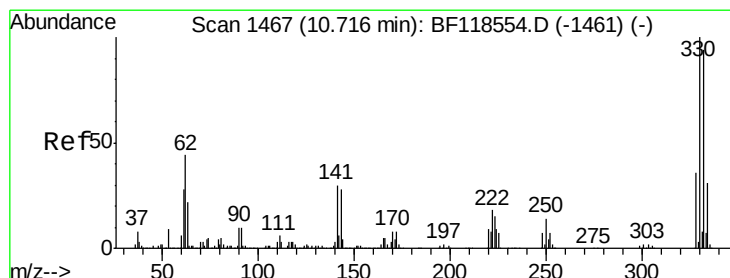
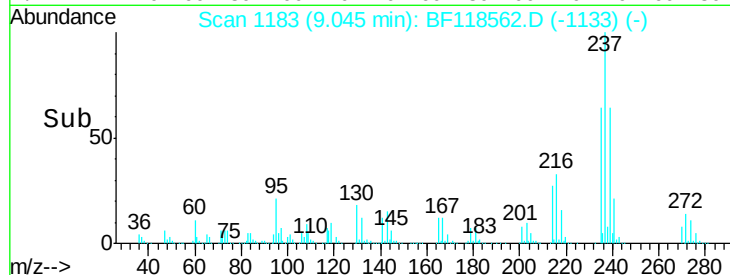
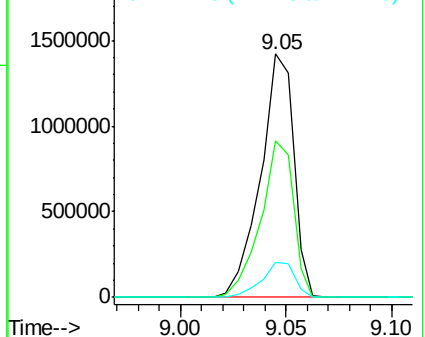
272 14.4 0.0 34.3

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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: 127.719 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

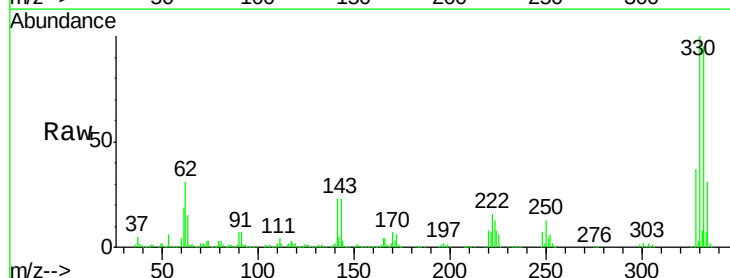
Tgt Ion:330 Resp: 1342134

Ion Ratio Lower Upper

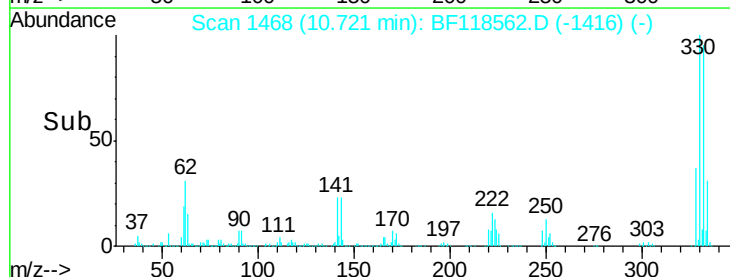
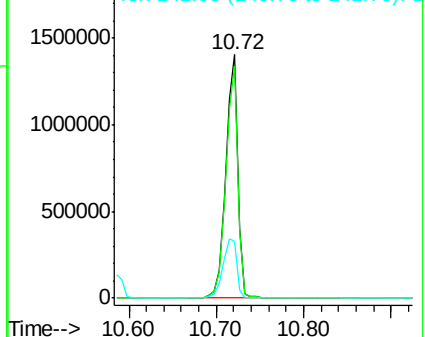
330 100

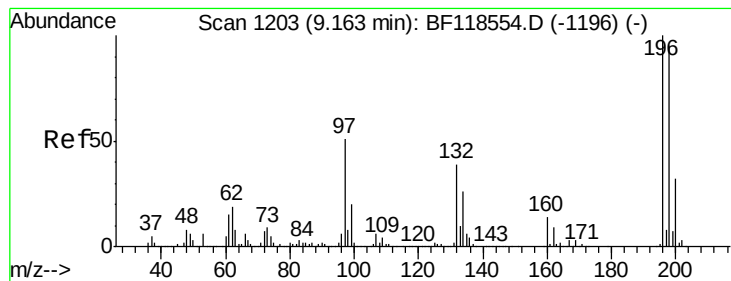
332 95.4 76.4 114.6

141 28.5 23.4 35.2



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: 43.901 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA_F

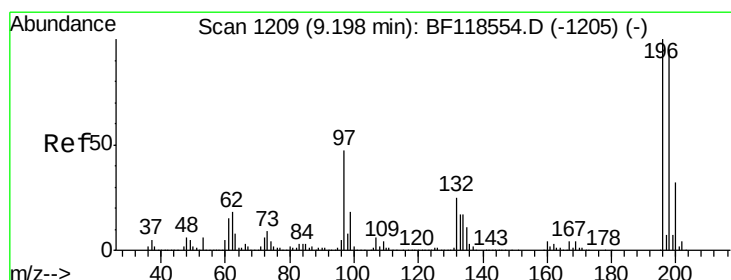
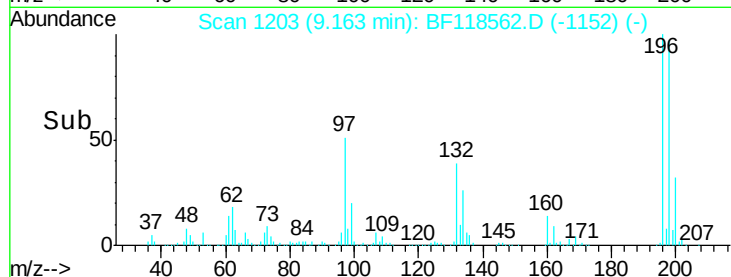
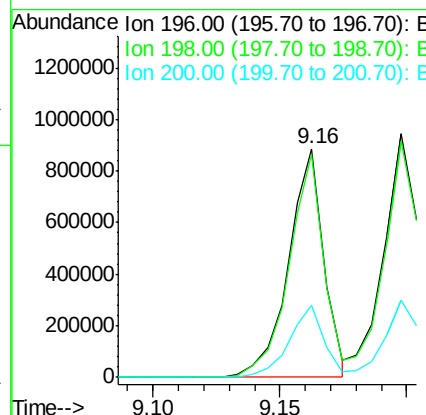
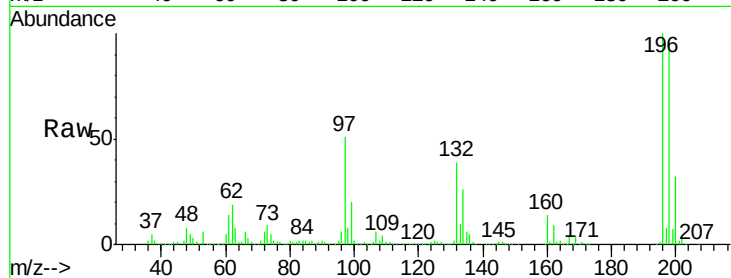
ClientSampleId :

PB126158BS

Tot Ion:	196	Resp:	857600
Ion Ratio	Lower	Upper	
196	100		
198	97.3	76.0	114.0
200	31.6	25.4	38.0

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#44

2,4,5-Trichlorophenol

Concen: 44.843 ng

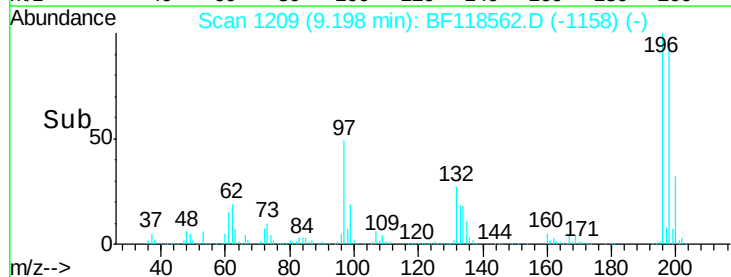
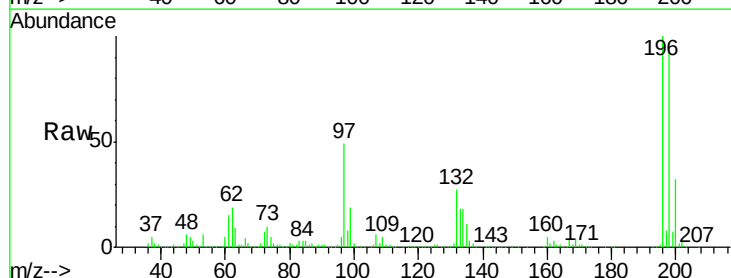
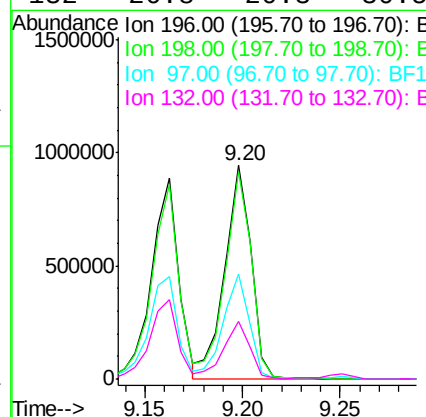
RT: 9.20 min Scan# 1209

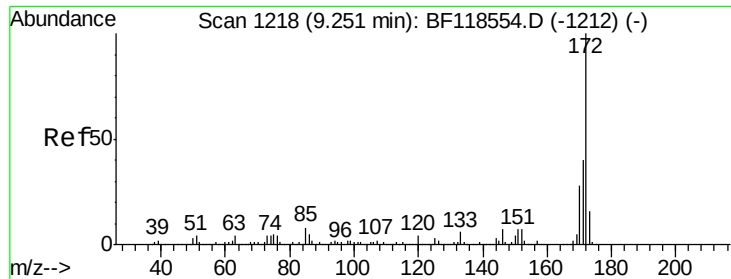
Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Tgt Ion:	196	Resp:	885662
Ion Ratio	Lower	Upper	
196	100		
198	96.8	76.2	114.4
97	49.1	37.4	56.2
132	26.8	20.3	30.5





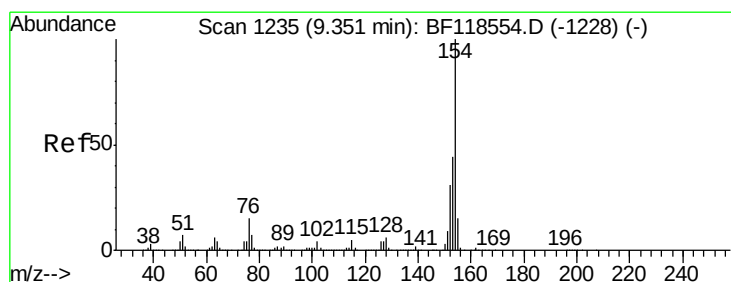
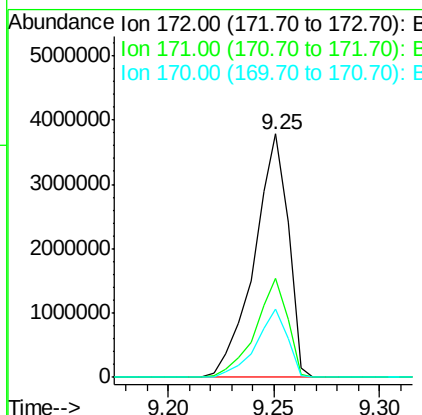
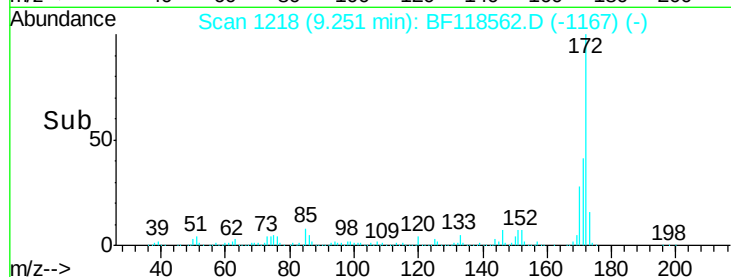
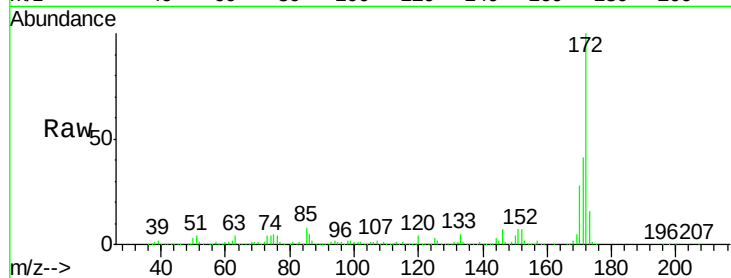
#45
2-Fluorobiphenyl
Concen: 80.580 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Instrument :
BNA_F
ClientSampleId :
PB126158BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.5	32.4	48.6
170	27.9	22.5	33.7

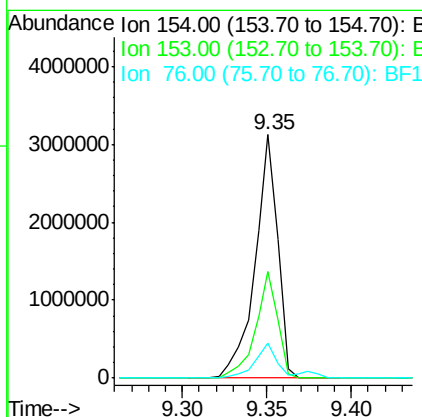
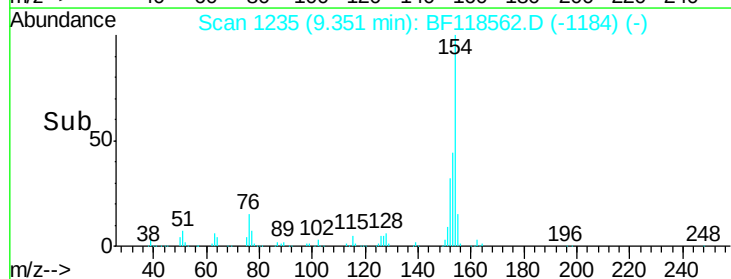
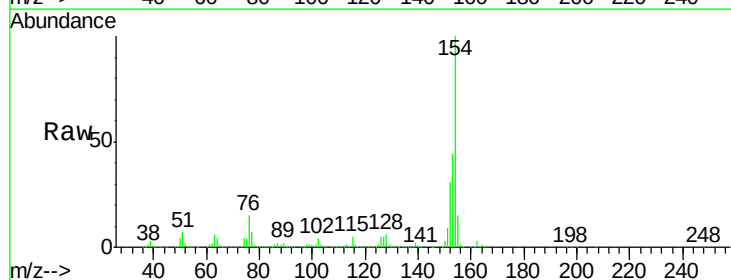
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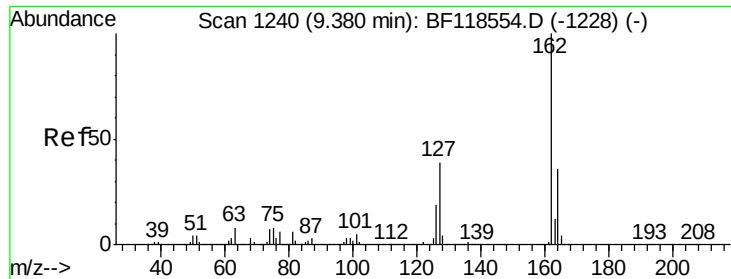
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#46
1,1'-Biphenyl
Concen: 42.849 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.9	23.7	63.7
76	14.6	0.0	35.2





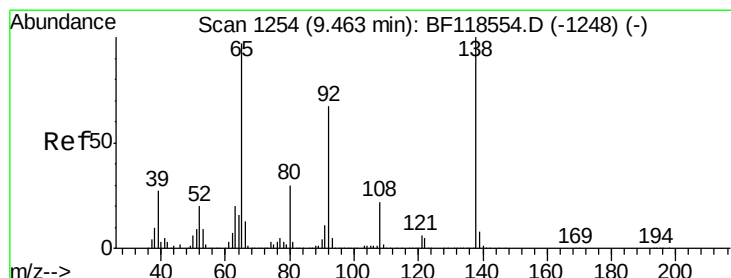
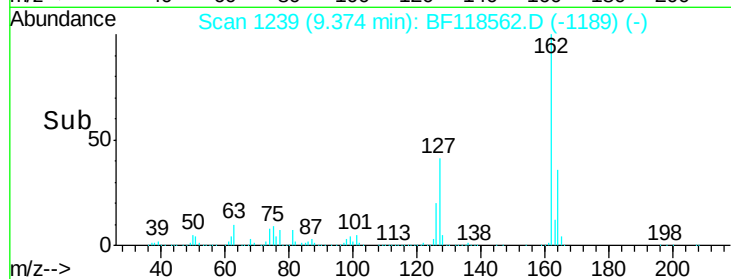
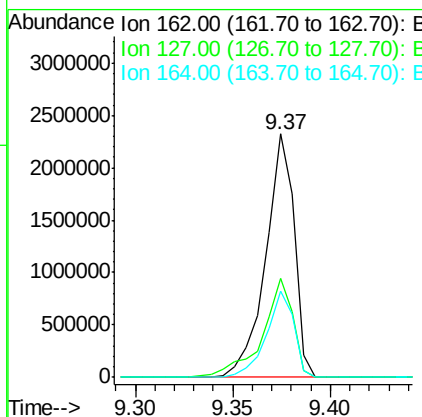
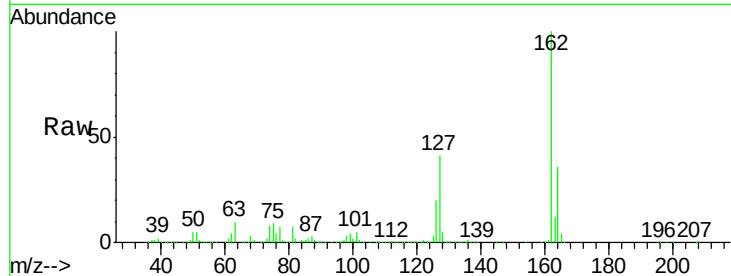
#47
 2-Chloronaphthalene
 Concen: 41.170 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF118562.D
 Acq: 17 Jan 2020 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB126158BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.0	46.4
164	35.5	28.6	42.8

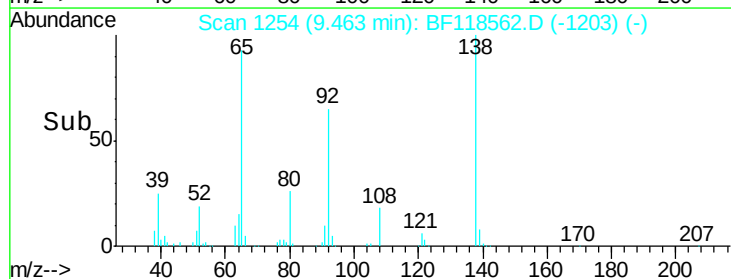
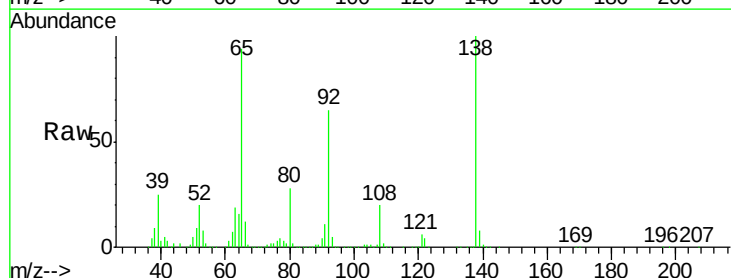
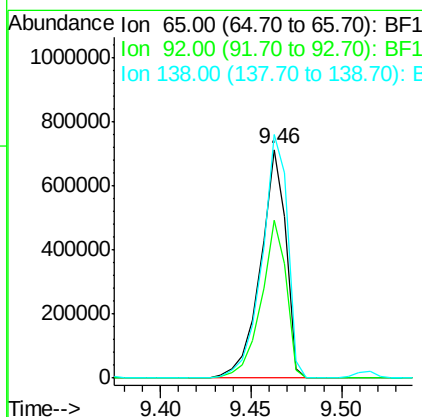
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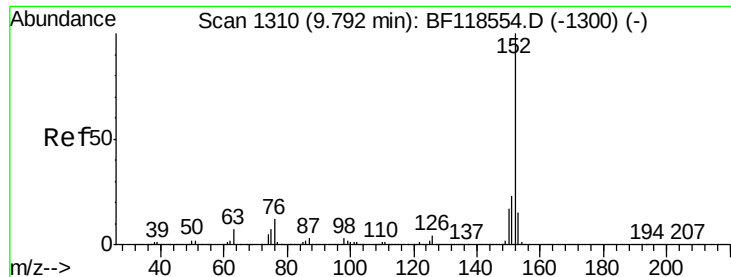
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#48
 2-Nitroaniline
 Concen: 46.789 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF118562.D
 Acq: 17 Jan 2020 16:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	55.3	82.9
138	106.5	82.9	124.3





#49

Acenaphthylene

Concen: 43.989 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA_F

ClientSampleId :

PB126158BS

Tot Ion:152 Resp: 3555753

Ion Ratio Lower Upper

152 100

151 23.4 18.6 27.8

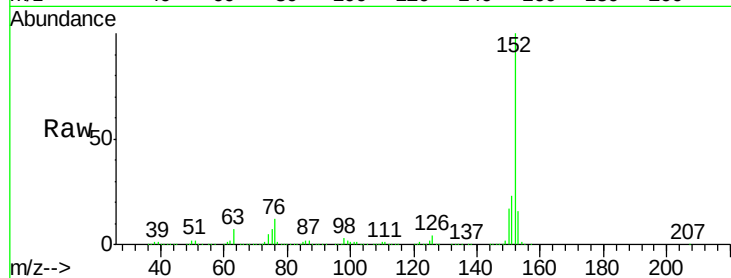
153 15.6 12.3 18.5

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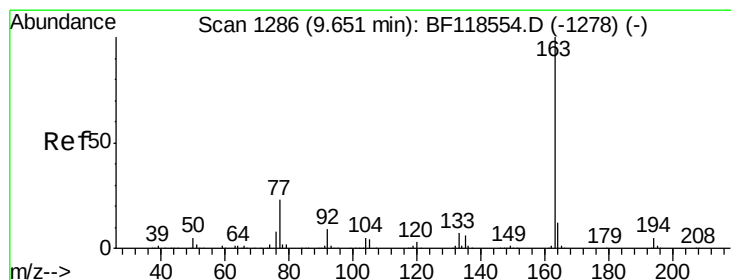
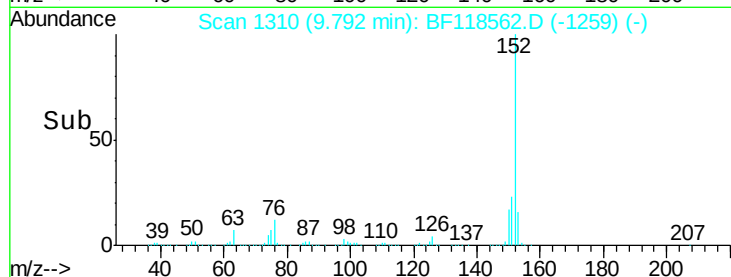
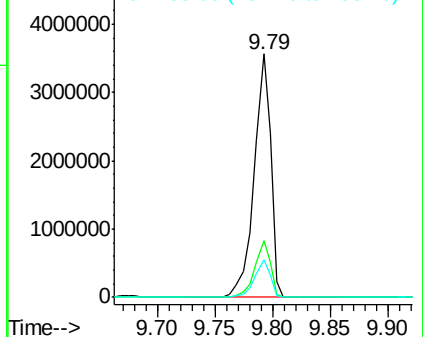
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.560 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

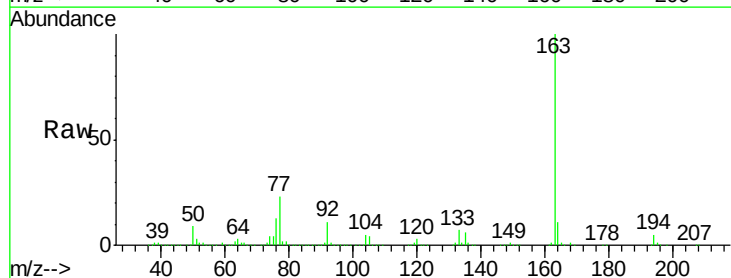
Tgt Ion:163 Resp: 2712459

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.8

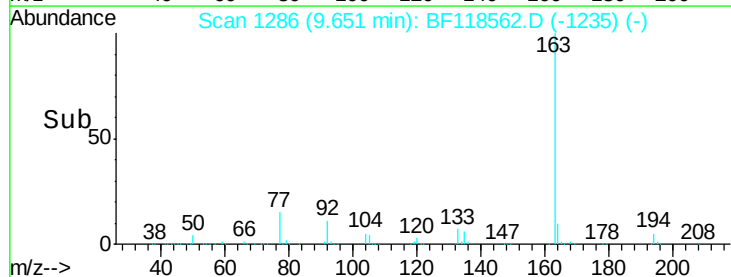
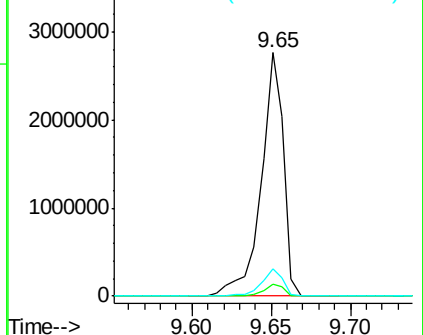
164 11.4 9.3 13.9

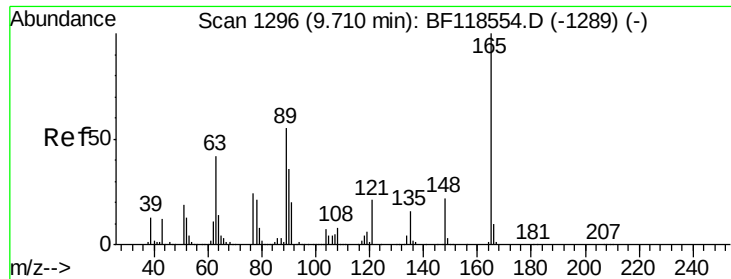


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





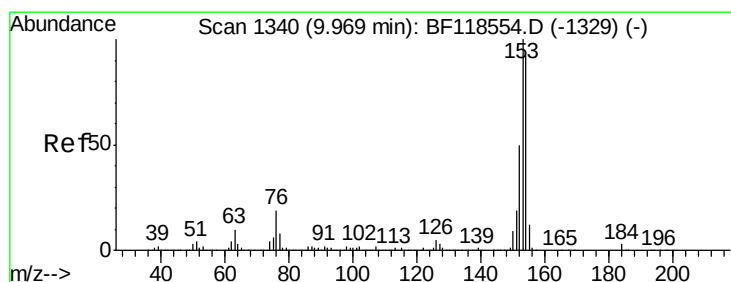
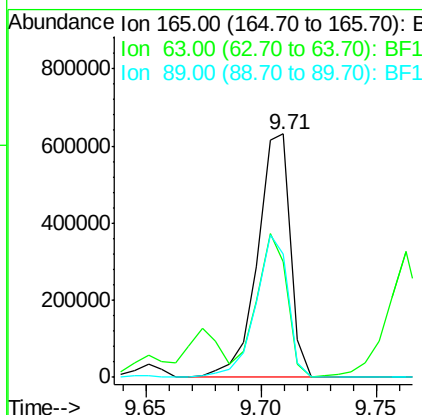
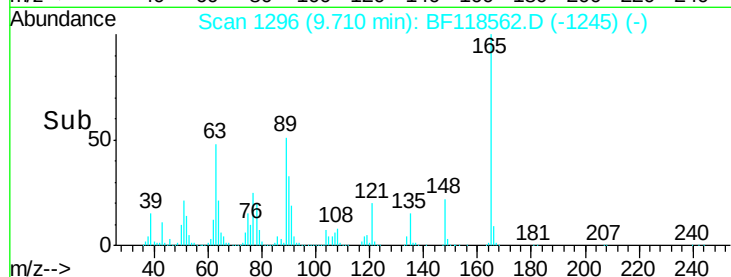
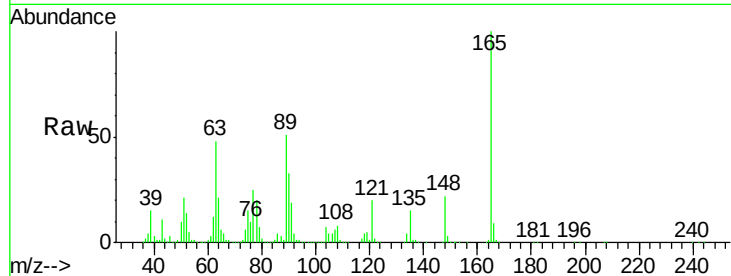
#51
 2,6-Dinitrotoluene
 Concen: 50.460 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF118562.D
 Acq: 17 Jan 2020 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB126158BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	628368		
63	47.5		41.9	62.9
89	50.8		44.0	66.0

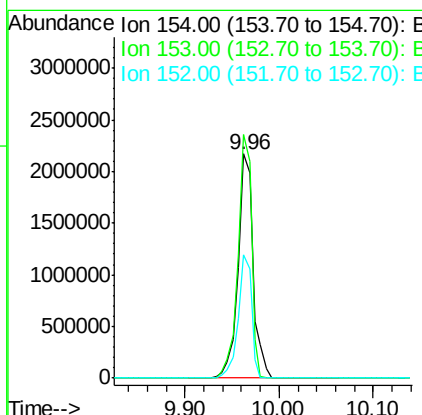
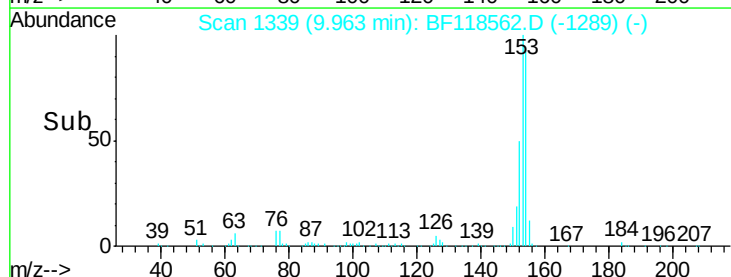
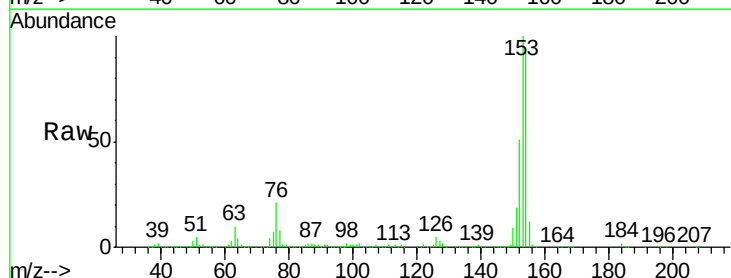
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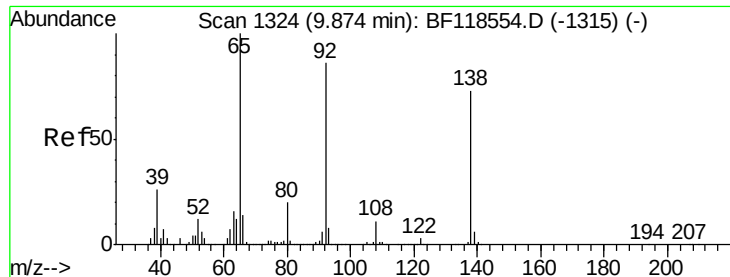
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#52
 Acenaphthene
 Concen: 45.457 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF118562.D
 Acq: 17 Jan 2020 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2407110		
153	108.8		87.0	130.4
152	55.1		43.8	65.8





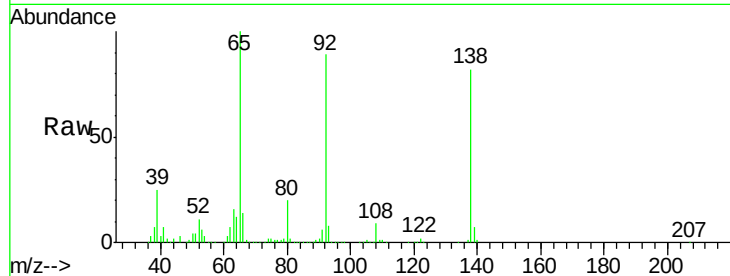
#53
3-Nitroaniline
Concen: 28.359 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Instrument :
BNA_F
ClientSampleId :
PB126158BS

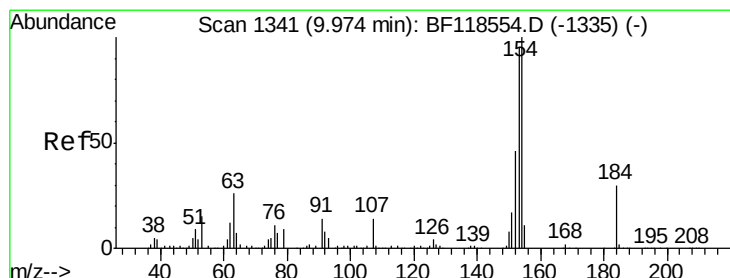
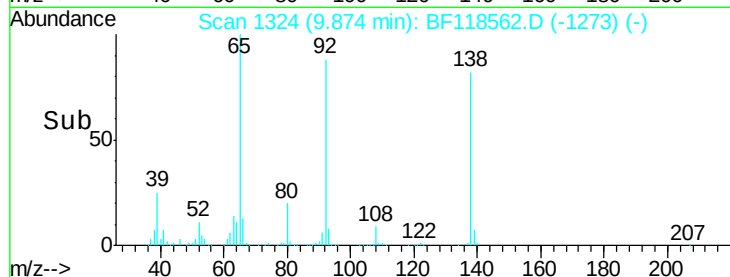
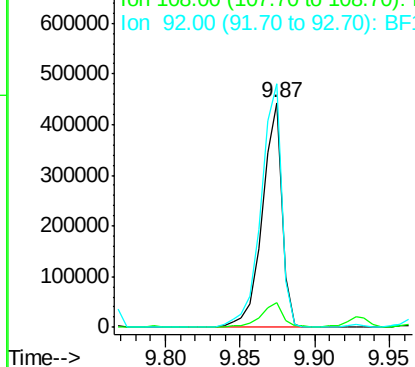
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	12.2	18.4#
92	108.3	94.2	141.2

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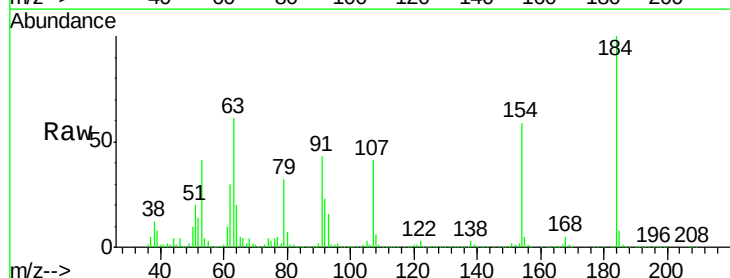


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

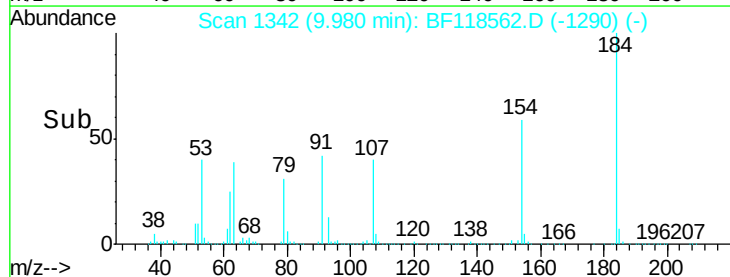
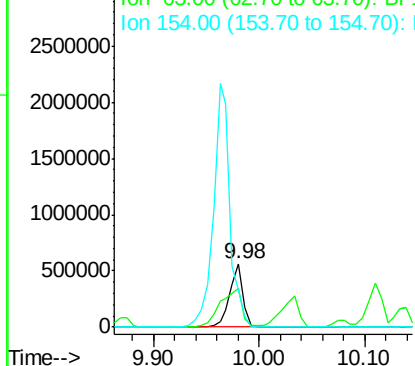


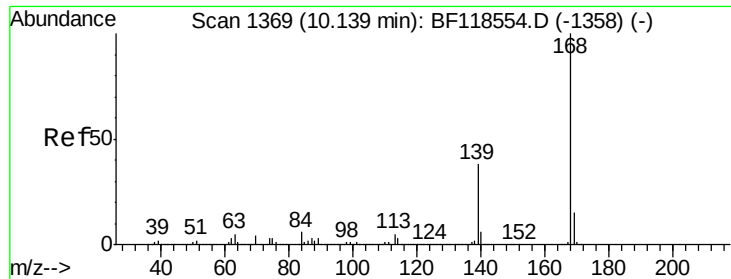
#54
2,4-Dinitrophenol
Concen: 89.136 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.5	69.4	104.0#
154	59.0	268.5	402.7#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





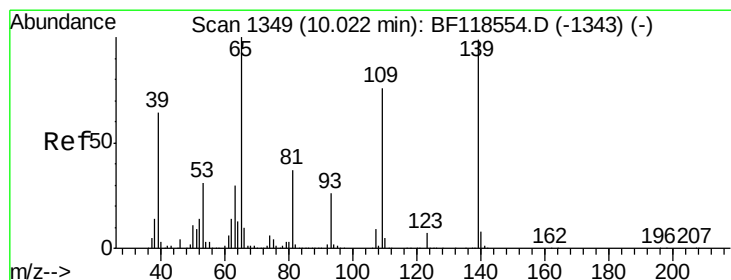
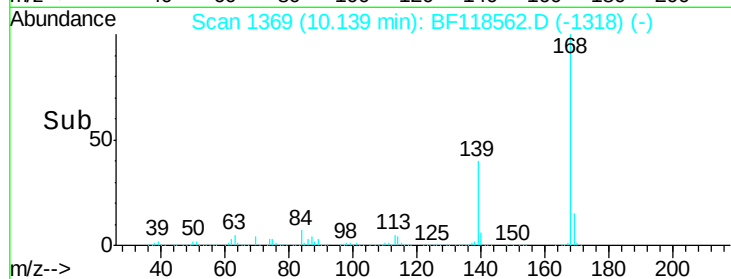
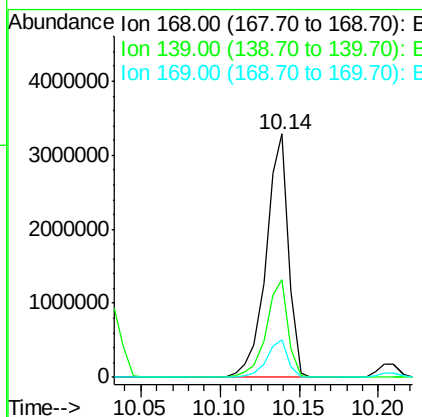
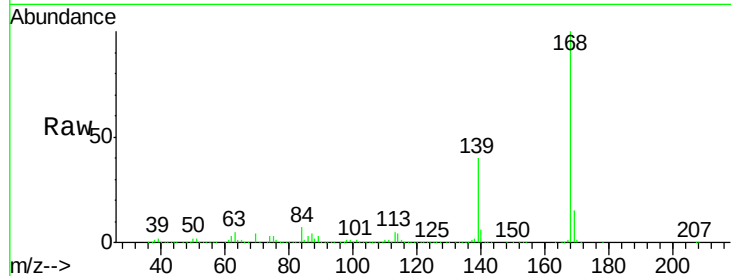
#55
Dibenzenofuran
Concen: 43.317 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Instrument :
BNA_F
ClientSampleId :
PB126158BS

Tot Ion:168 Resp: 3246046
Ion Ratio Lower Upper
168 100
139 40.0 30.6 46.0
169 15.2 11.9 17.9

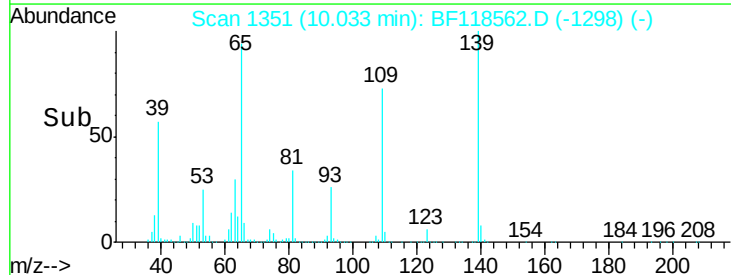
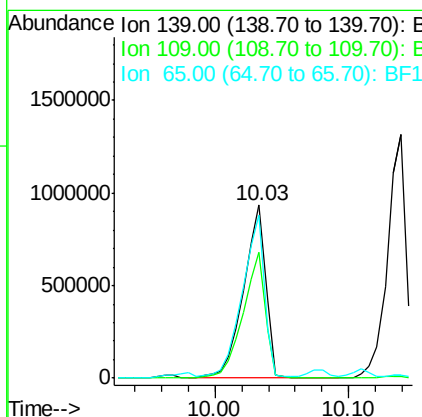
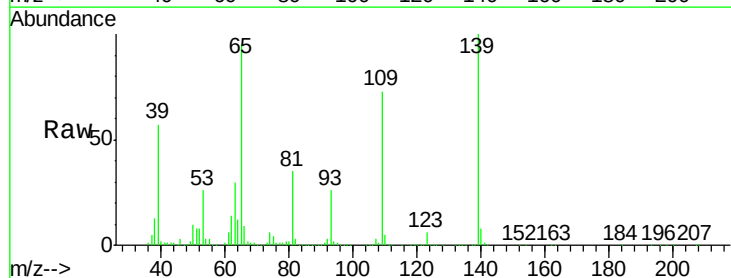
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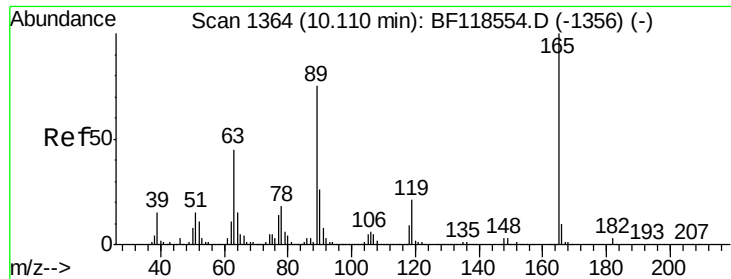
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#56
4-Nitrophenol
Concen: 102.291 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion:139 Resp: 1065953
Ion Ratio Lower Upper
139 100
109 73.2 56.9 96.9
65 94.6 81.7 121.7





#57

2,4-Dinitrotoluene

Concen: 49.485 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA_F

ClientSampled :

PB126158BS

Tot Ion:165 Resp: 815094

Ion Ratio Lower Upper

165 100

63 45.8 35.8 53.6

89 75.0 59.9 89.9

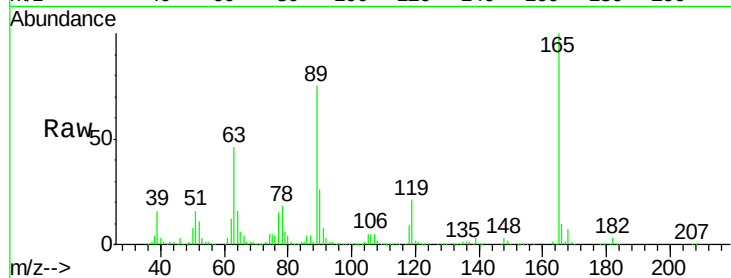
182 2.8 2.2 3.2

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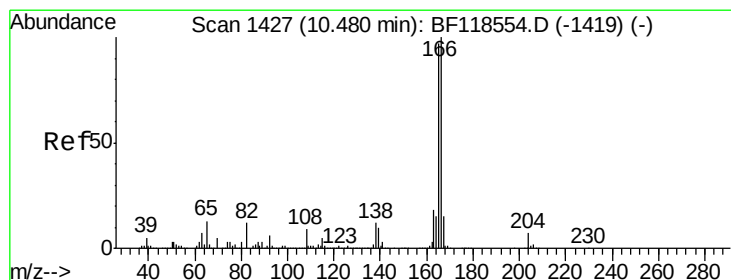
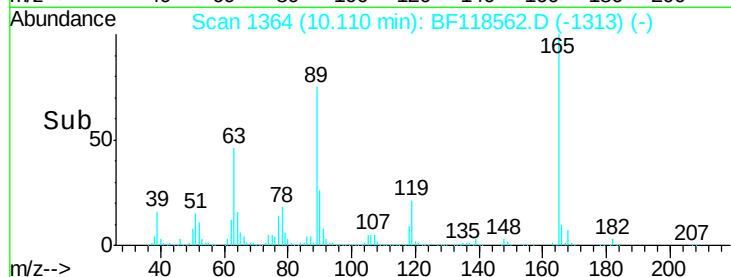
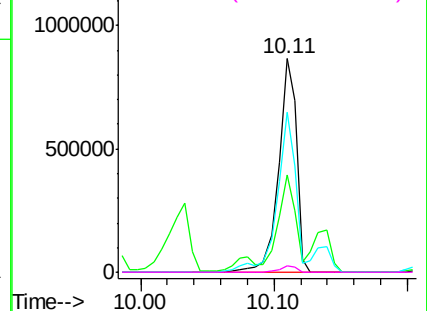


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.164 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

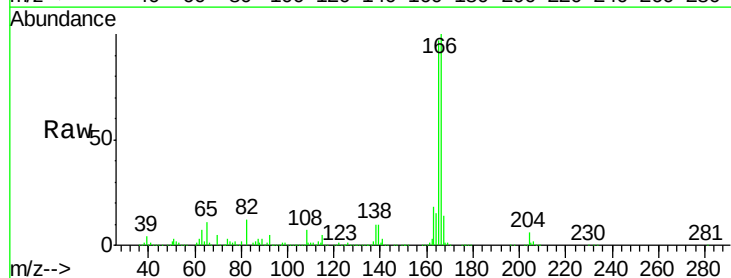
Tgt Ion:166 Resp: 2504791

Ion Ratio Lower Upper

166 100

165 97.0 77.8 116.8

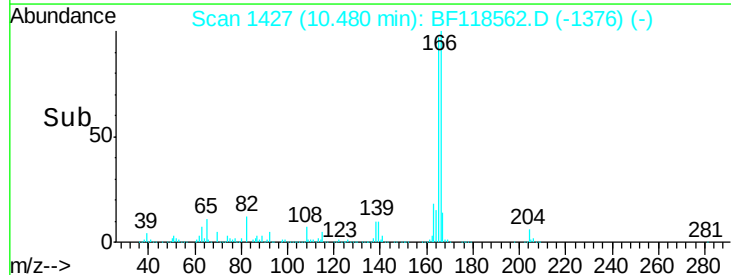
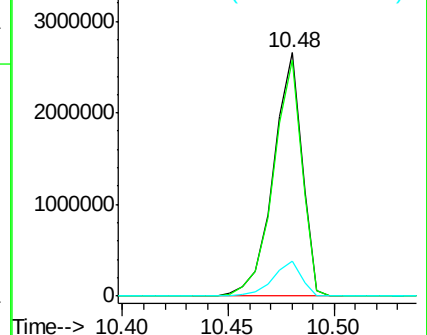
167 14.4 11.7 17.5

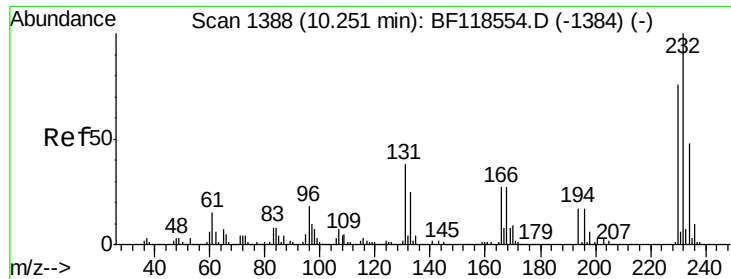


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





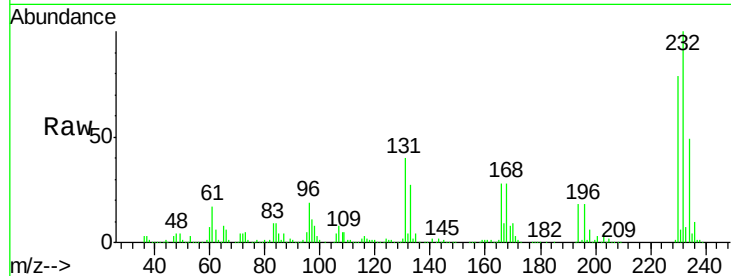
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.615 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Instrument :
BNA_F
ClientSampleId :
PB126158BS

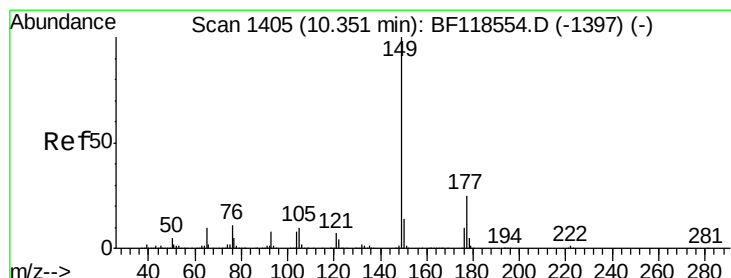
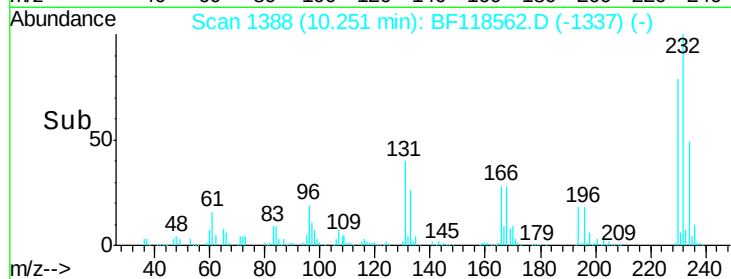
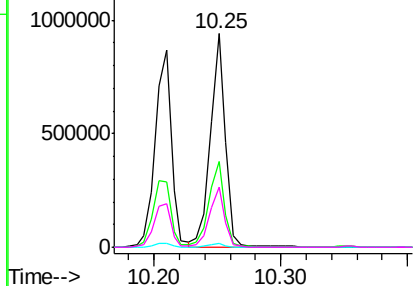
Tot Ion	Ratio	Resp	Lower	Upper
232	100	787611		
131	40.6	32.3	48.5	
130	2.2	1.7	2.5	
166	28.3	22.2	33.2	

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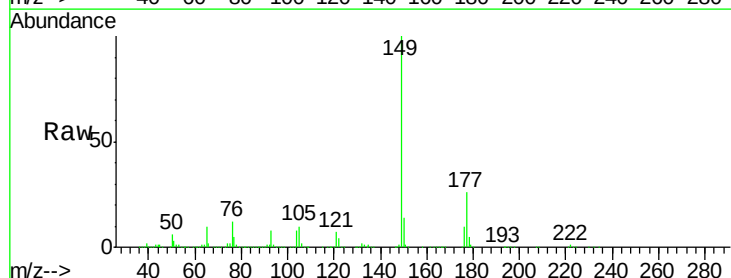


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

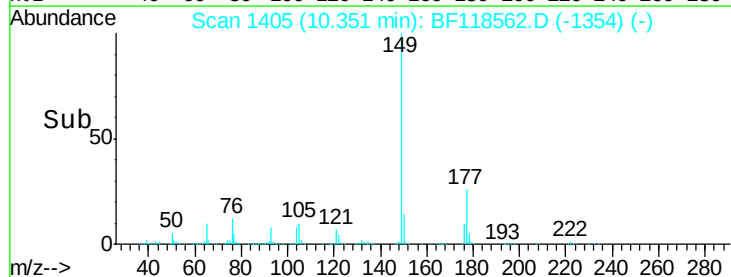
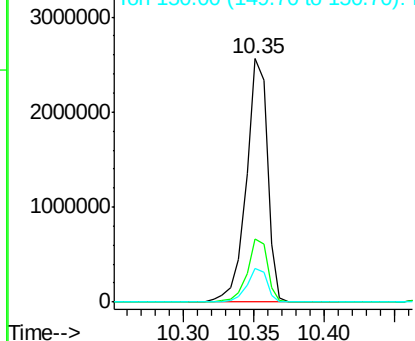


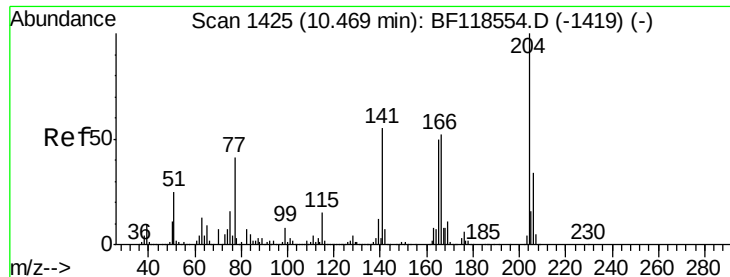
#60
Diethylphthalate
Concen: 42.147 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2685488		
177	25.7	20.2	30.4	
150	13.8	11.0	16.4	



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





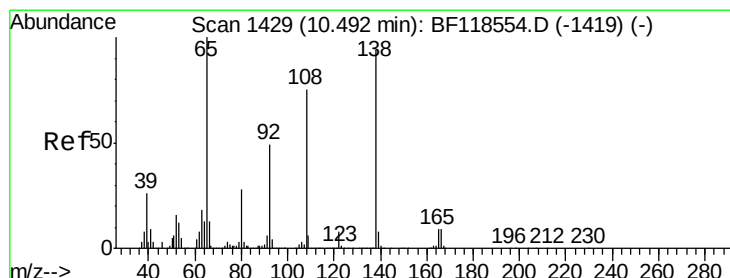
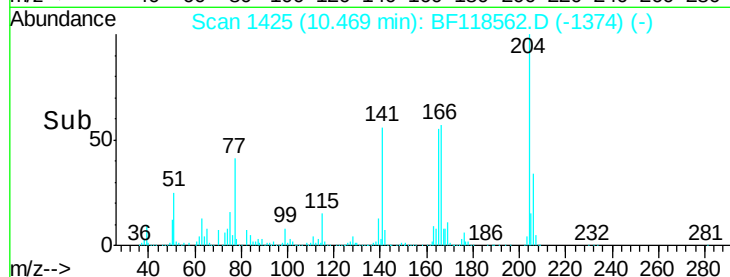
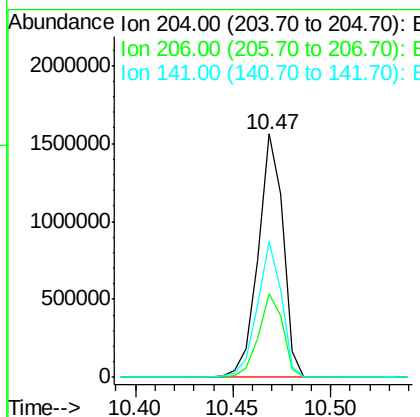
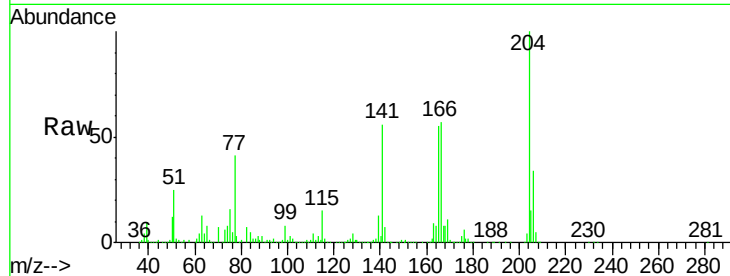
#61
4-Chlorophenyl-phenylether
Concen: 43.275 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Instrument :
BNA_F
ClientSampleId :
PB126158BS

Tot Ion:204 Resp: 1373846
Ion Ratio Lower Upper
204 100
206 34.4 27.1 40.7
141 55.9 44.4 66.6

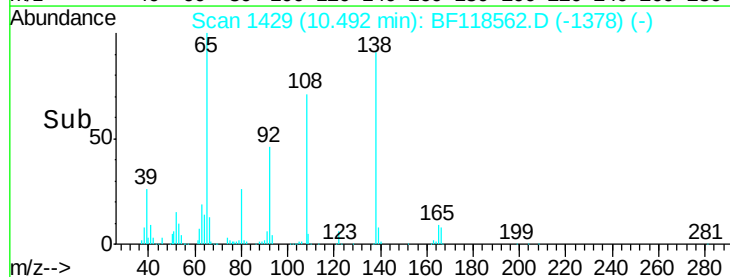
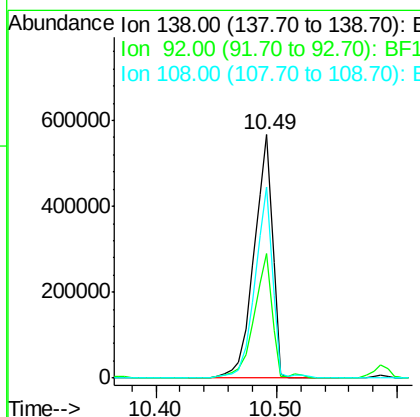
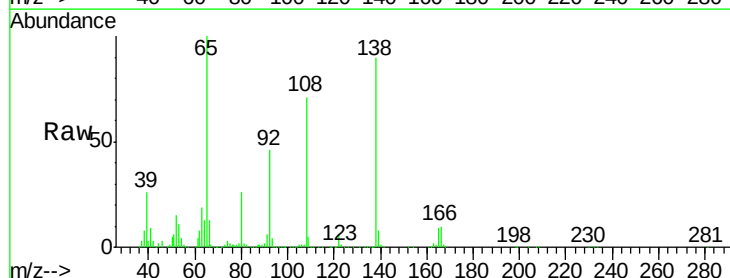
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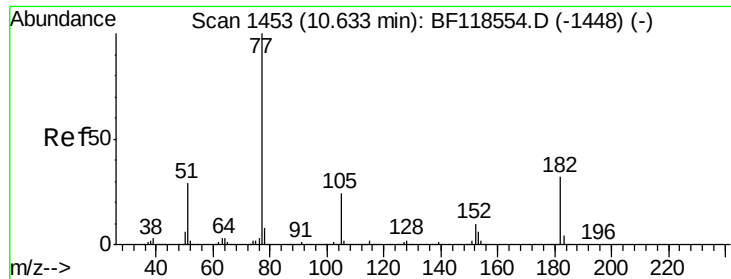
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#62
4-Nitroaniline
Concen: 43.687 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion:138 Resp: 612100
Ion Ratio Lower Upper
138 100
92 50.9 31.7 71.7
108 78.5 59.6 99.6





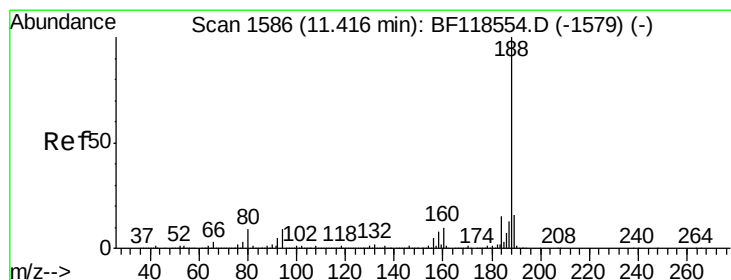
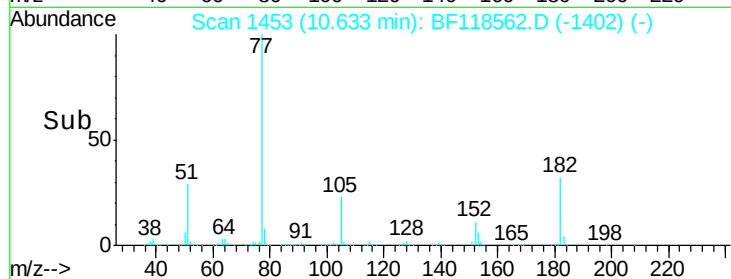
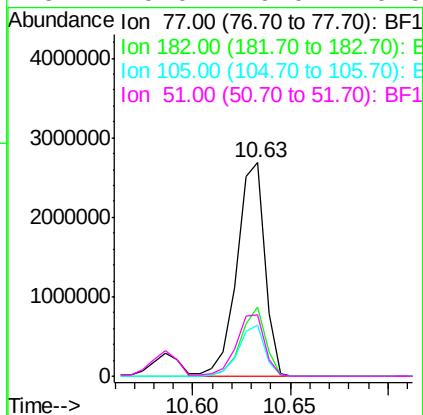
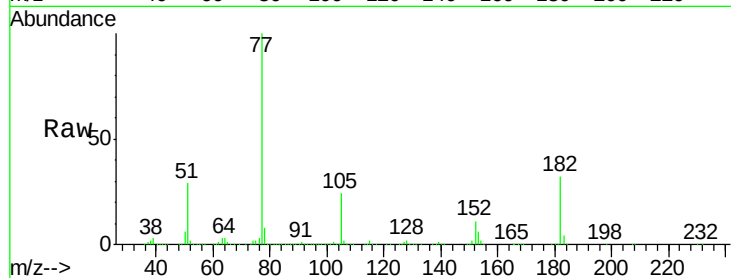
#63
Azobenzene
Concen: 42.938 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Instrument :
BNA_F
ClientSampleId :
PB126158BS

Tot Ion: 77 Resp: 2666509
Ion Ratio Lower Upper
77 100
182 32.2 11.7 51.7
105 23.8 3.6 43.6
51 29.0 9.0 49.0

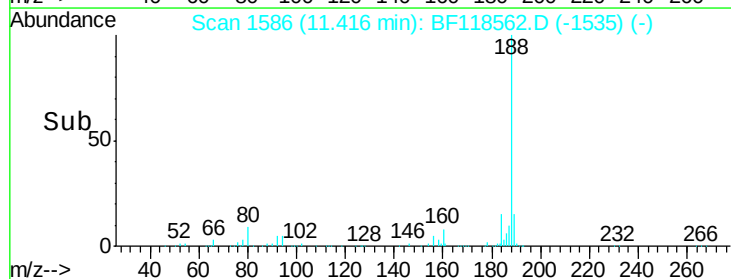
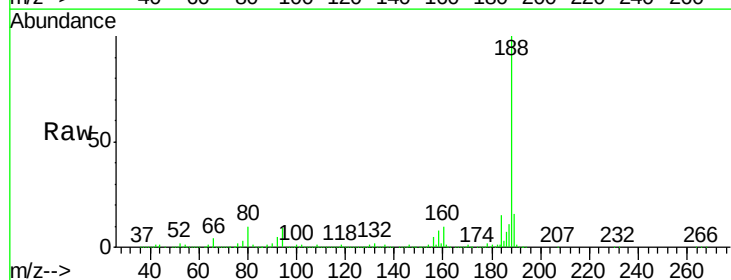
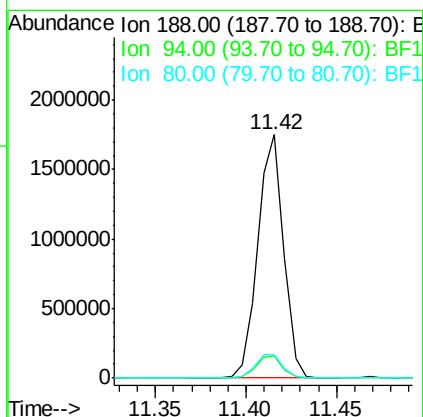
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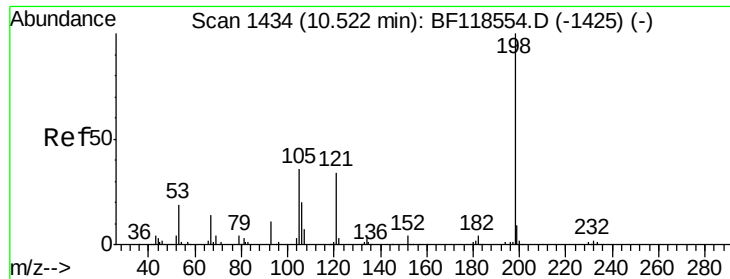
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion: 188 Resp: 1725785
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.7 7.4 11.2





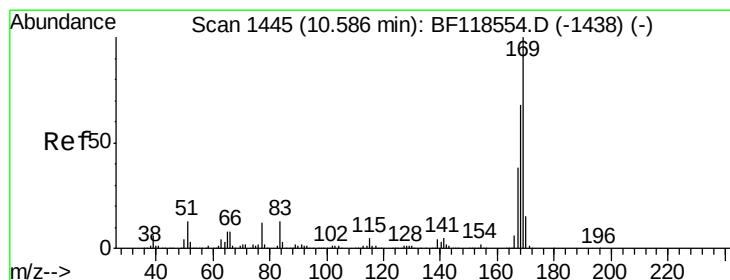
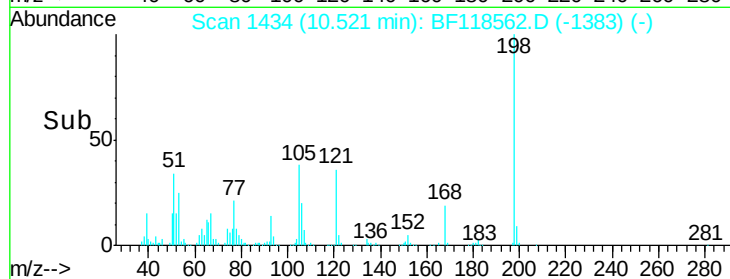
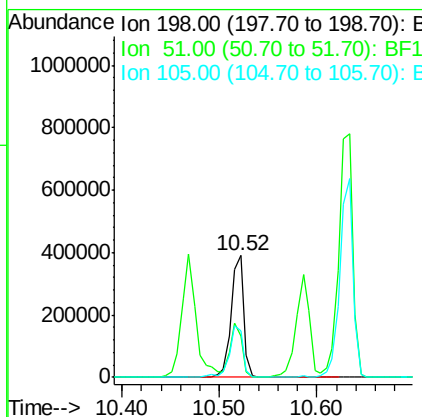
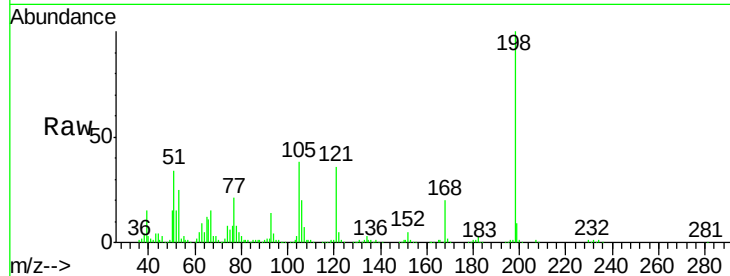
#65
4,6-Dinitro-2-methylphenol
Concen: 49.625 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Instrument :
BNA_F
ClientSampleId :
PB126158BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	33.9	13.2	53.2
105	38.4	17.2	57.2

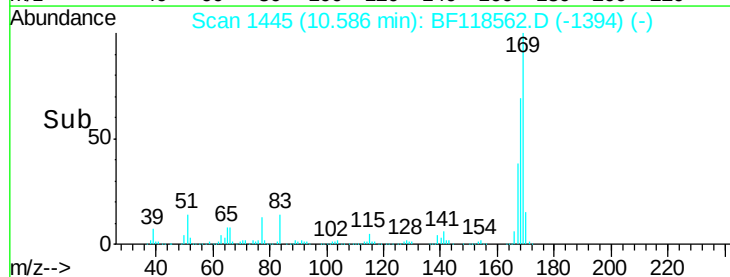
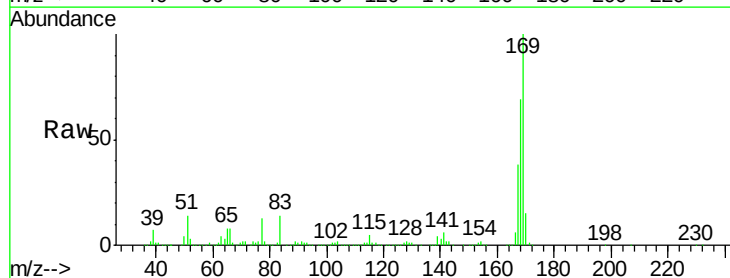
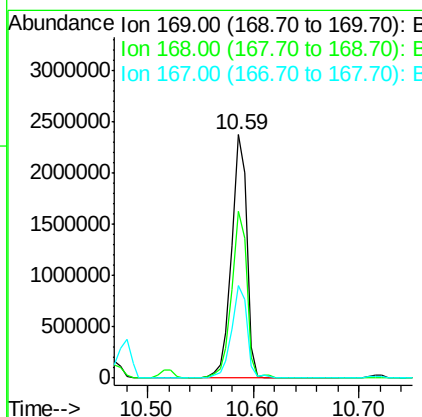
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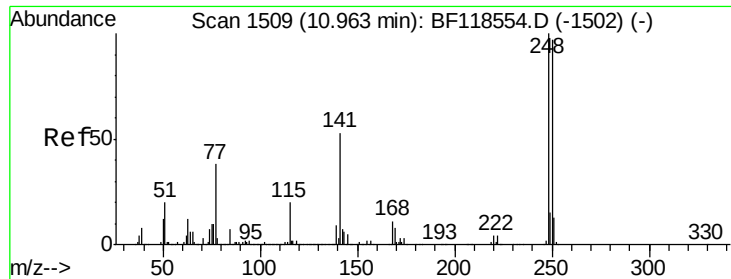
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#66
n-Nitrosodiphenylamine
Concen: 42.396 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.6	54.2	81.4
167	38.1	30.5	45.7





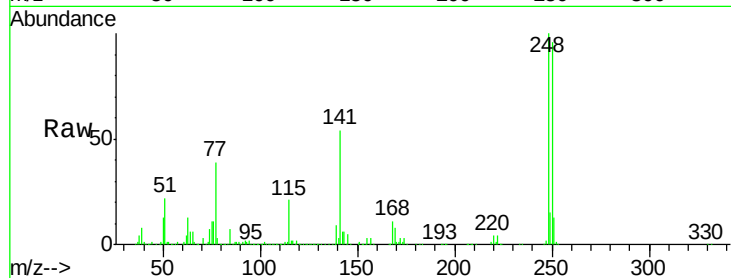
#67
4-Bromophenyl-phenylether
Concen: 40.837 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Instrument :
BNA_F
ClientSampleId :
PB126158BS

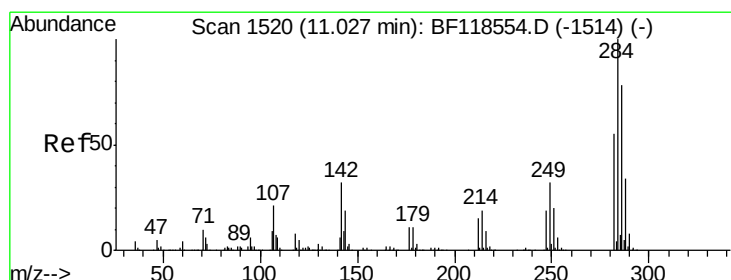
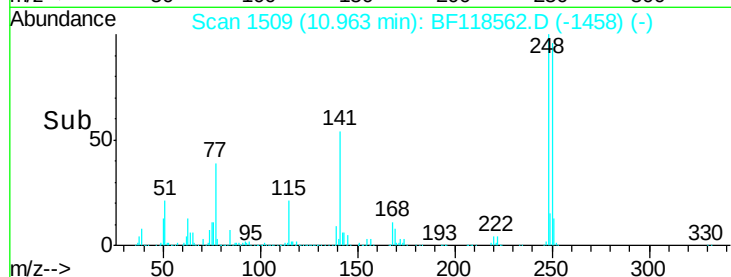
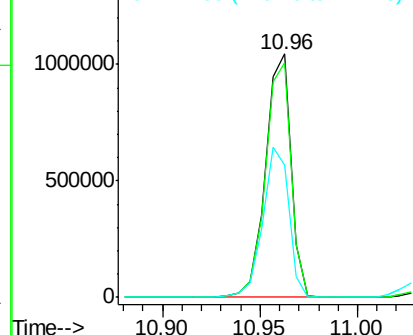
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.8	116.8
141	54.1	42.7	64.1

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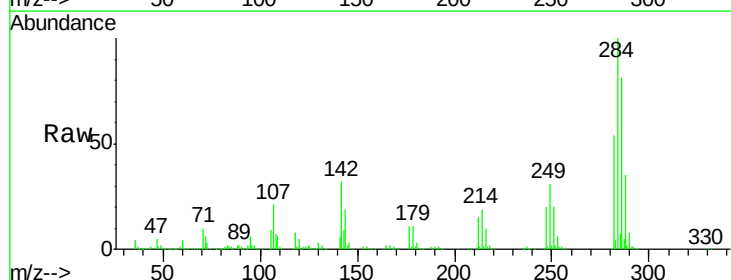


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

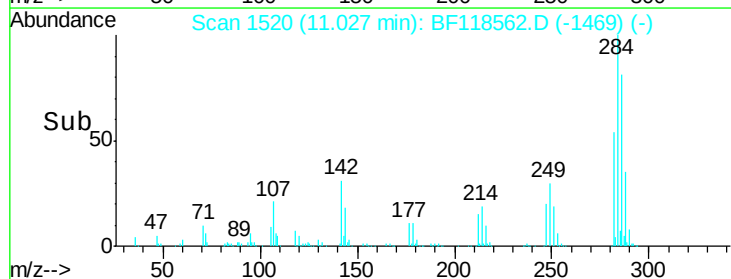
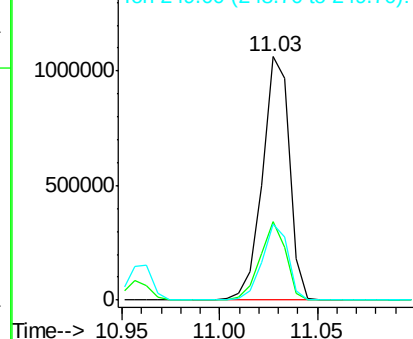


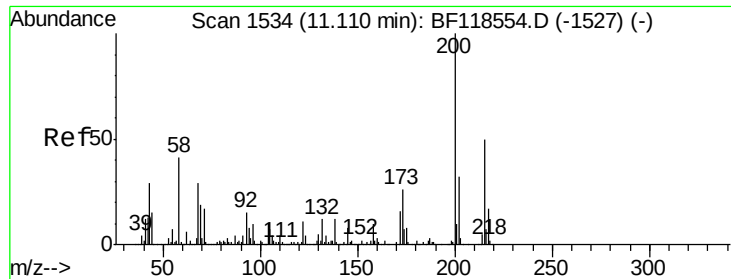
#68
Hexachlorobenzene
Concen: 39.668 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	25.6	38.4
249	30.9	25.6	38.4



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





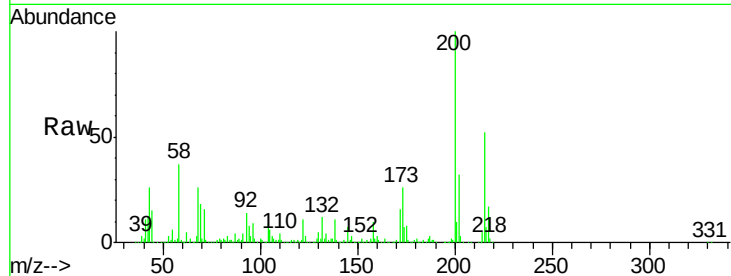
#69
Atrazine
Concen: 53.318 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Instrument :
BNA_F
ClientSampleId :
PB126158BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	5.8	45.8
215	51.5	29.8	69.8

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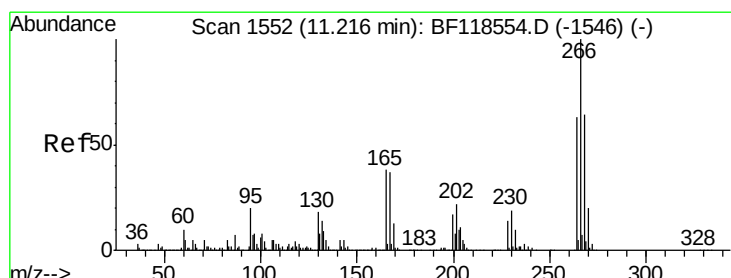
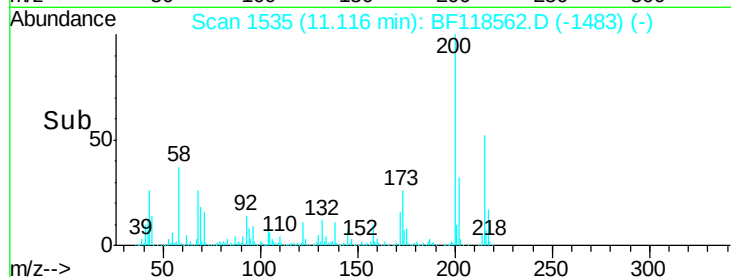
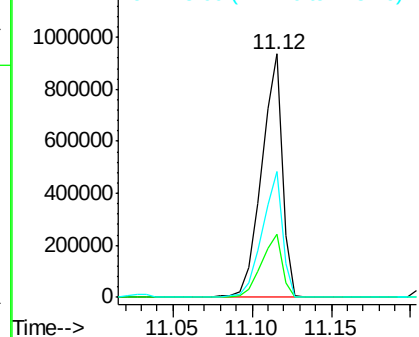


Abundance

Ion 200.00 (199.70 to 200.70): E

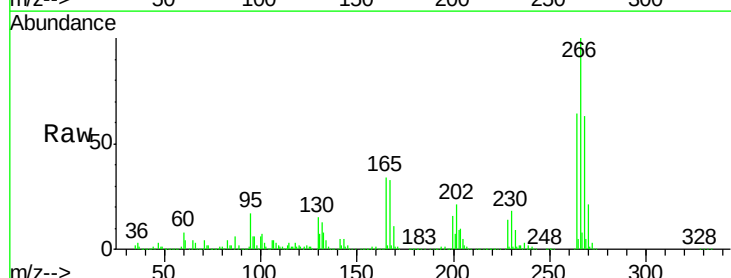
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 93.107 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.0	76.4
264	64.2	50.5	75.7

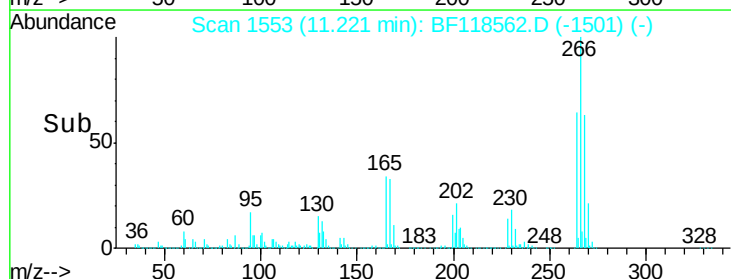
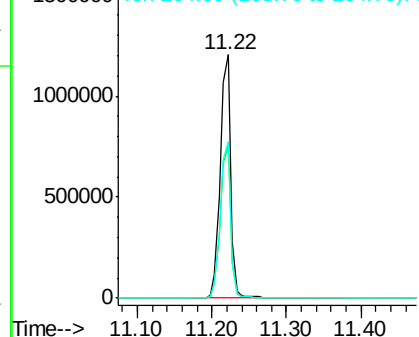


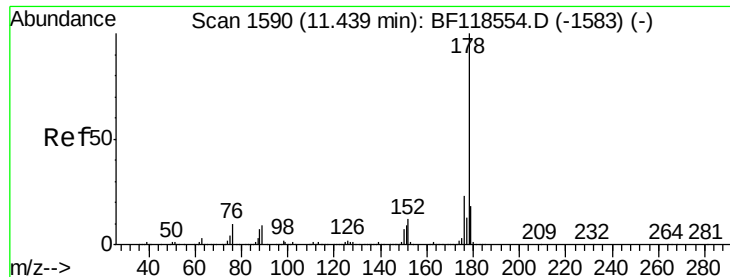
Abundance

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





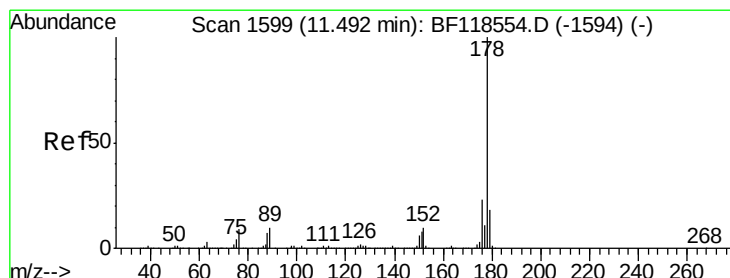
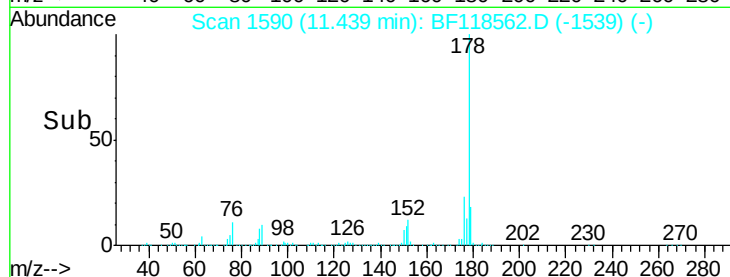
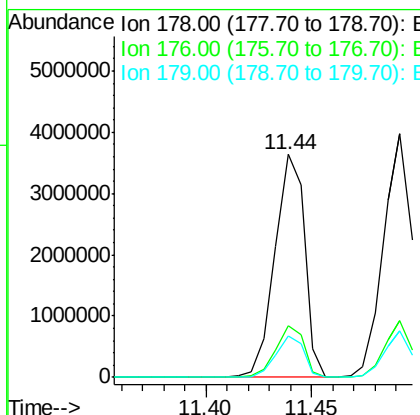
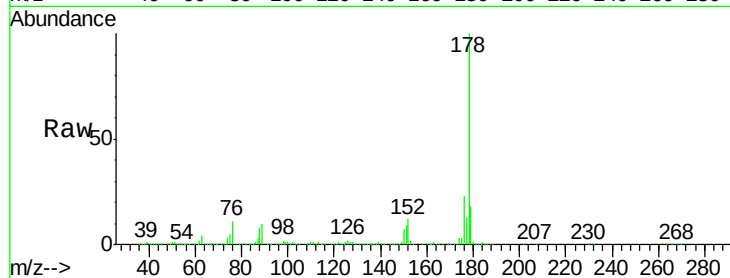
#71
Phenanthrene
Concen: 41.571 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Instrument :
BNA_F
ClientSampleId :
PB126158BS

Tot Ion:178 Resp: 3606155
Ion Ratio Lower Upper
178 100
176 23.3 18.6 28.0
179 18.4 14.6 22.0

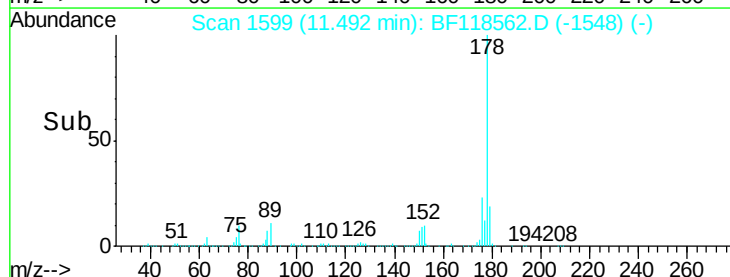
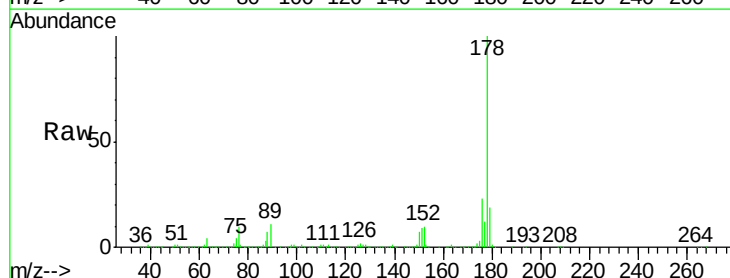
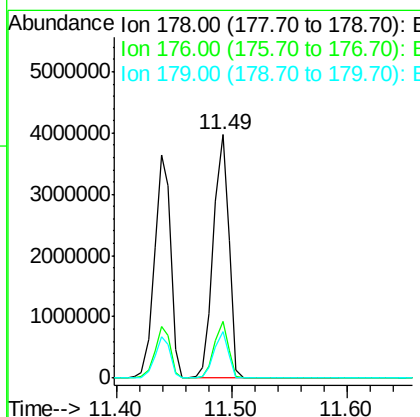
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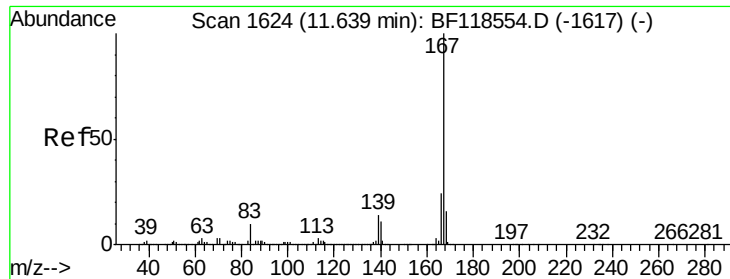
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#72
Anthracene
Concen: 42.818 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion:178 Resp: 3705794
Ion Ratio Lower Upper
178 100
176 23.1 18.1 27.1
179 18.9 14.7 22.1





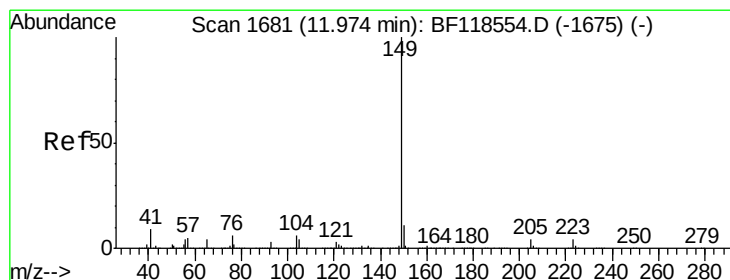
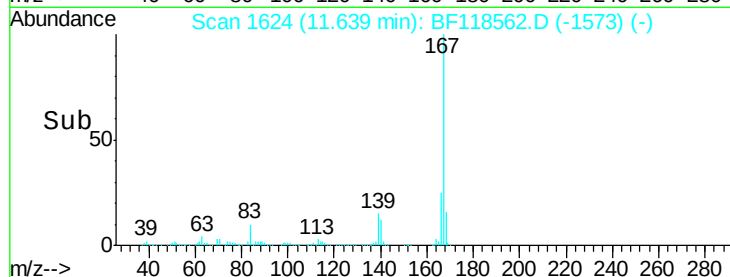
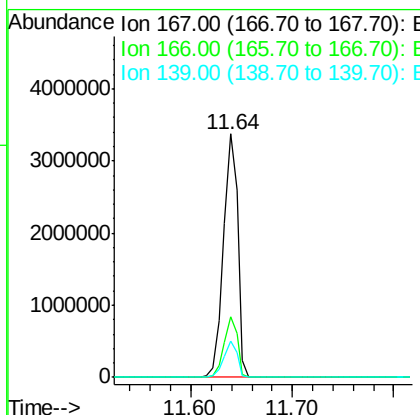
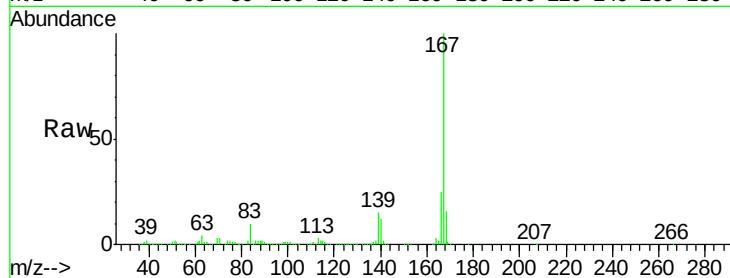
#73
 Carbazole
 Concen: 42.055 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF118562.D
 Acq: 17 Jan 2020 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB126158BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.6	19.5	29.3
139	14.8	11.5	17.3

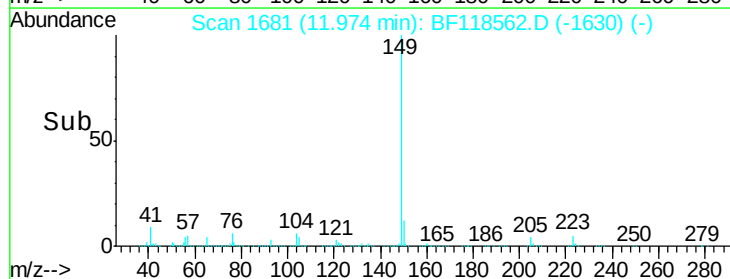
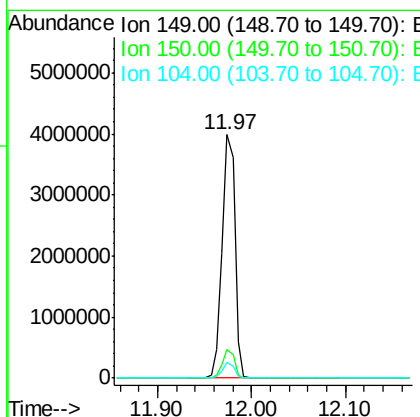
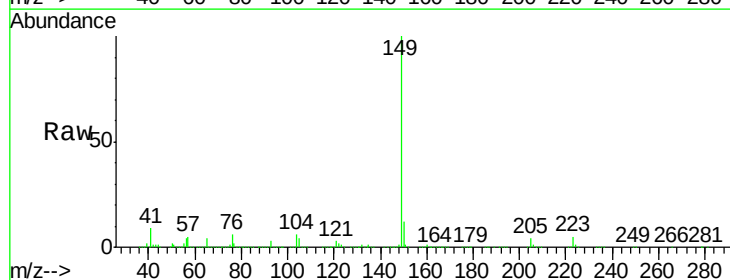
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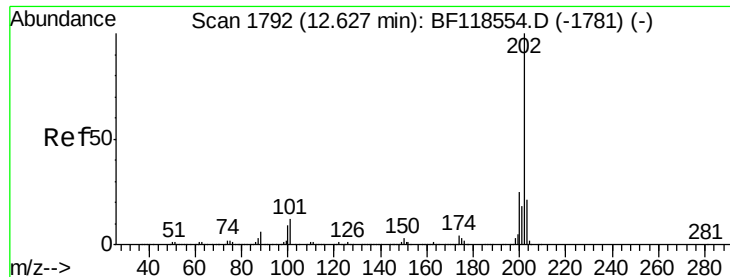
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#74
 Di-n-butylphthalate
 Concen: 39.330 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BF118562.D
 Acq: 17 Jan 2020 16:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.6	9.0	13.6
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 40.701 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA_F

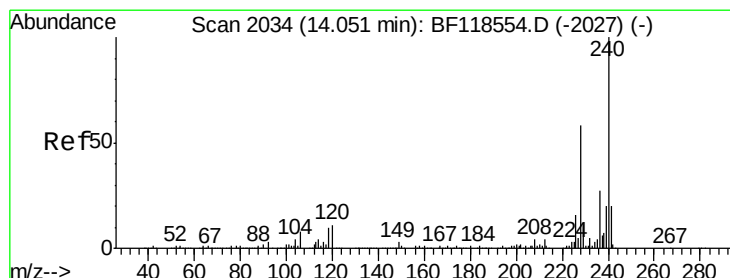
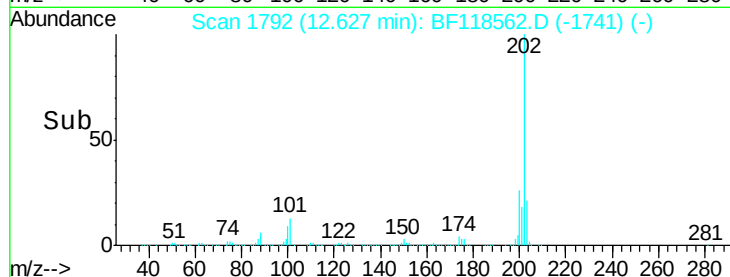
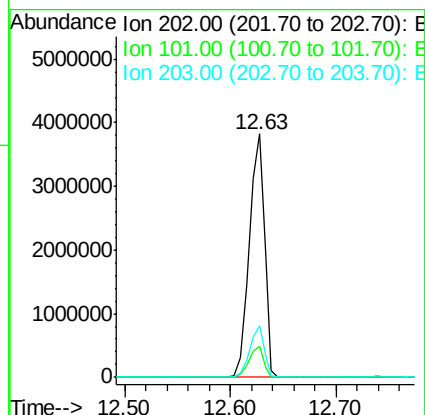
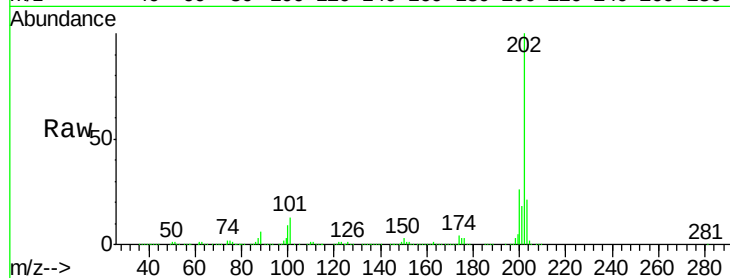
ClientSampleId :

PB126158BS

Tot Ion:	202	Resp:	3796848
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.9
203	21.3	0.9	40.9

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#76

Chrysene-d12

Concen: 20.000 ng

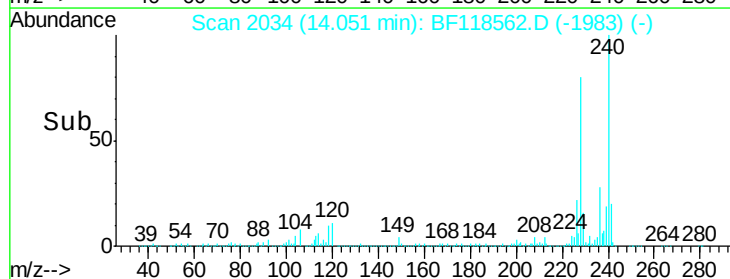
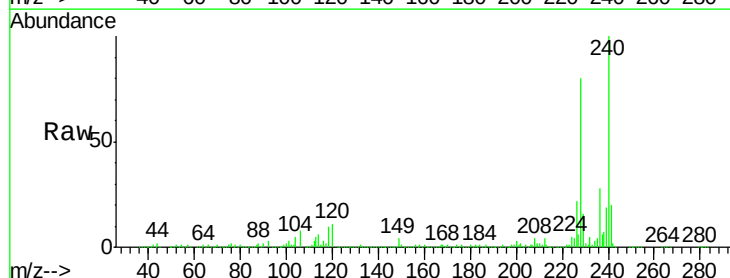
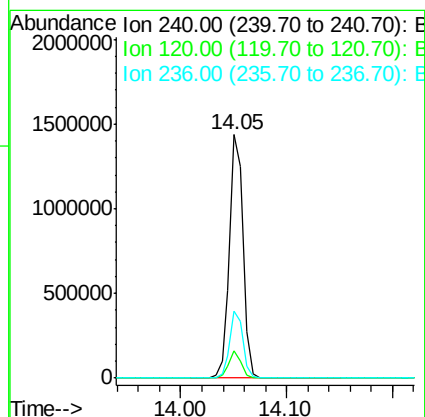
RT: 14.05 min Scan# 2034

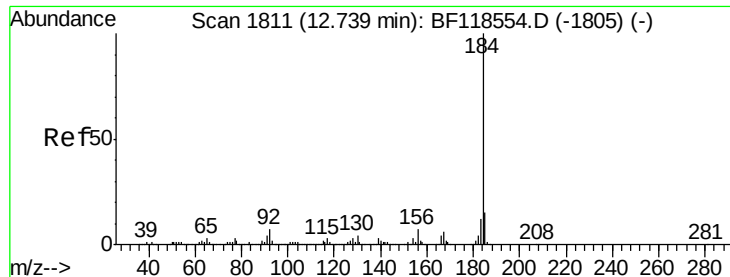
Delta R.T. -0.00 min

Lab File: BF118562.D

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Tgt Ion:	240	Resp:	1282541
Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.7	13.1
236	27.6	21.8	32.8





#77

Benzidine

Concen: 63.096 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA_F

ClientSampleId :

PB126158BS

Tot Ion:184 Resp: 1966147

Ion	Ratio	Lower	Upper
184	100		
185	16.8	12.3	18.5
183	12.4	9.5	14.3

184 100

185 16.8 12.3 18.5

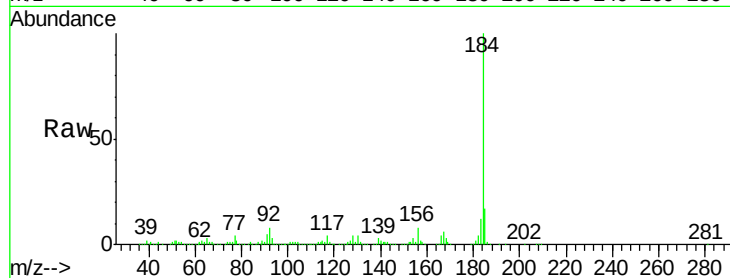
183 12.4 9.5 14.3

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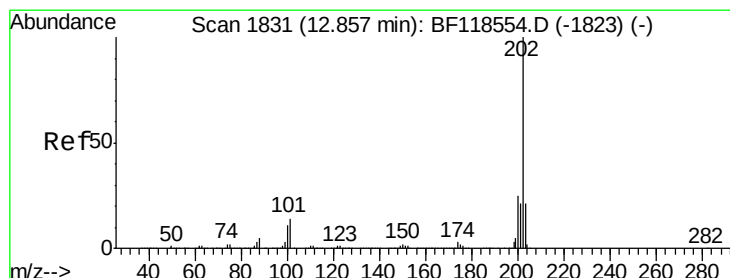
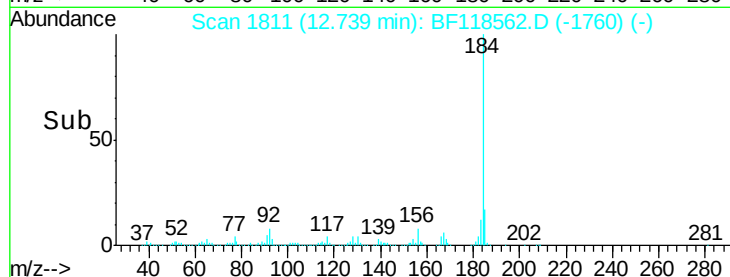
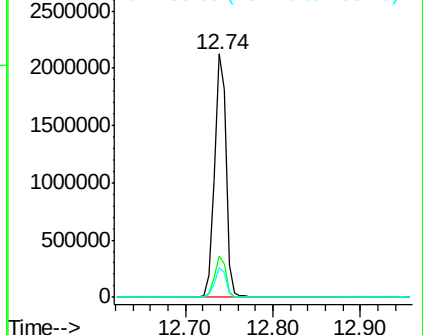


Abundance

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: 39.891 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

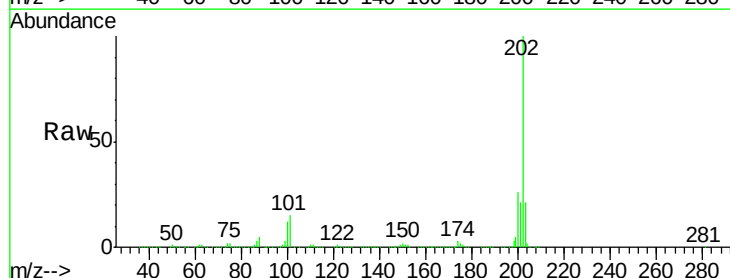
Tgt Ion:202 Resp: 3818530

Ion	Ratio	Lower	Upper
202	100		
200	25.7	20.2	30.4
203	20.9	16.6	25.0

202 100

200 25.7 20.2 30.4

203 20.9 16.6 25.0

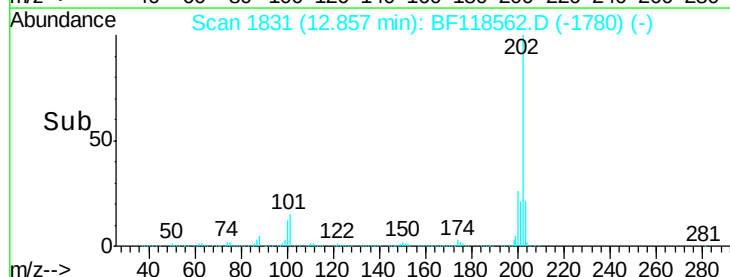
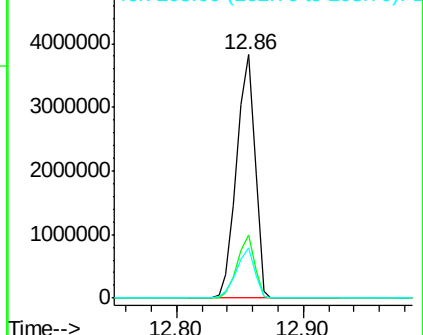


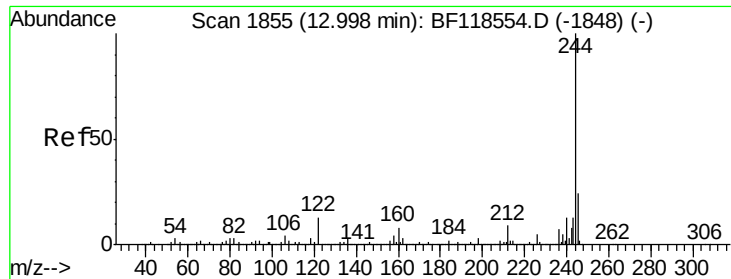
Abundance

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: 72.190 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF118562.D
 Acq: 17 Jan 2020 16:58

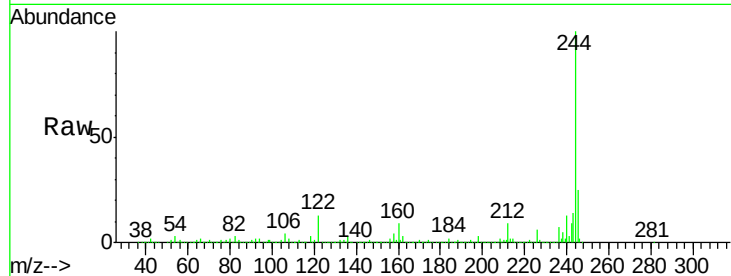
Instrument :
 BNA_F
 ClientSampleId :
 PB126158BS

Tot Ion:244 Resp: 4688092

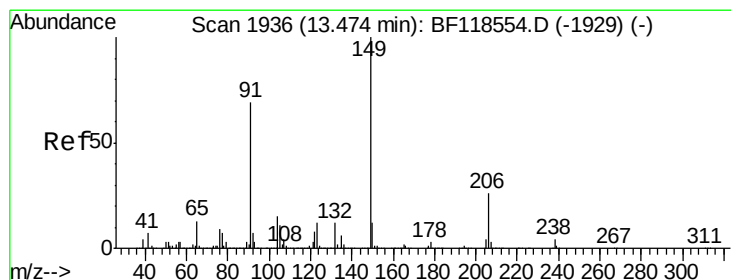
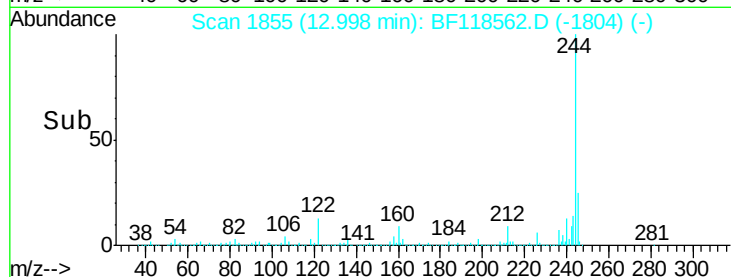
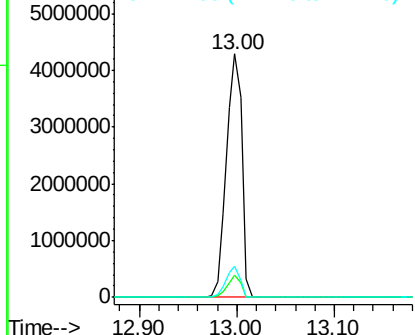
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	13.0	10.4	15.6

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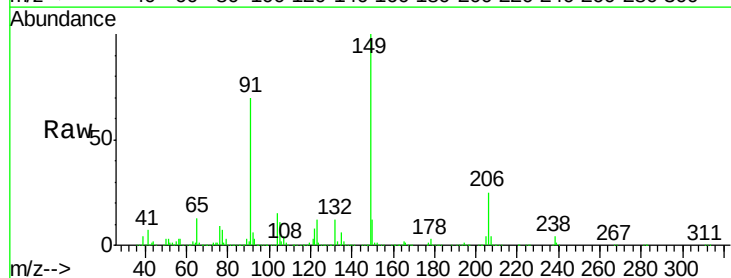
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



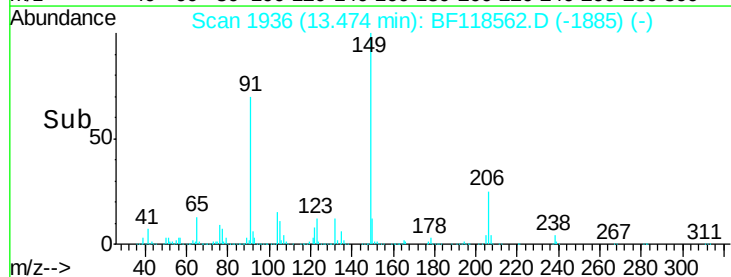
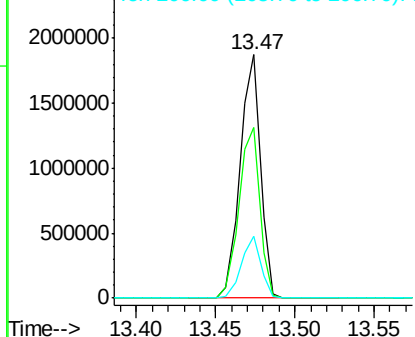
#80
 Butylbenzylphthalate
 Concen: 40.699 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: BF118562.D
 Acq: 17 Jan 2020 16:58

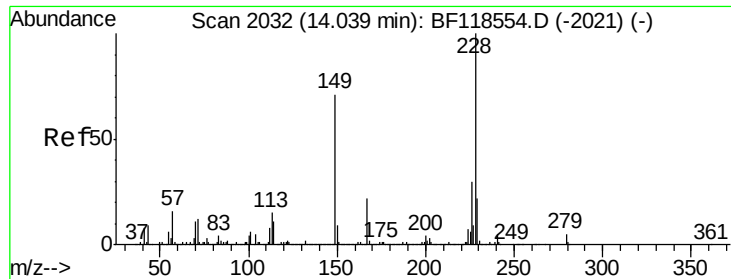
Tgt Ion:149 Resp: 1669991

Ion	Ratio	Lower	Upper
149	100		
91	70.1	55.5	83.3
206	25.5	20.7	31.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





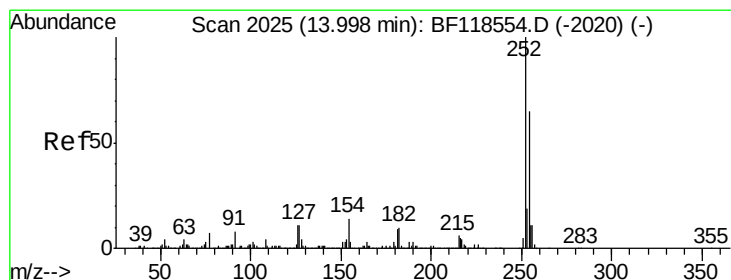
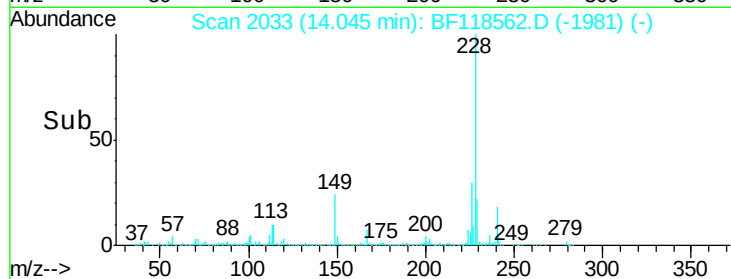
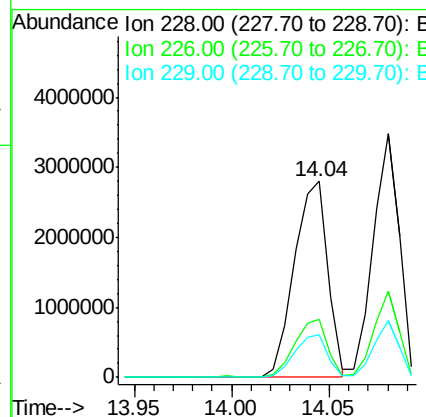
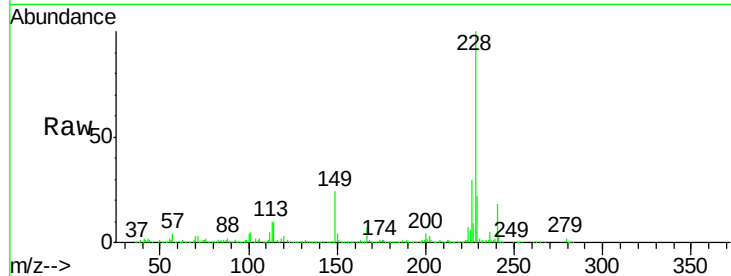
#81
Benzo(a)anthracene
Concen: 40.955 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Instrument :
BNA_F
ClientSampleId :
PB126158BS

Tot Ion:228 Resp: 3315493
Ion Ratio Lower Upper
228 100
226 29.9 23.7 35.5
229 21.9 17.3 25.9

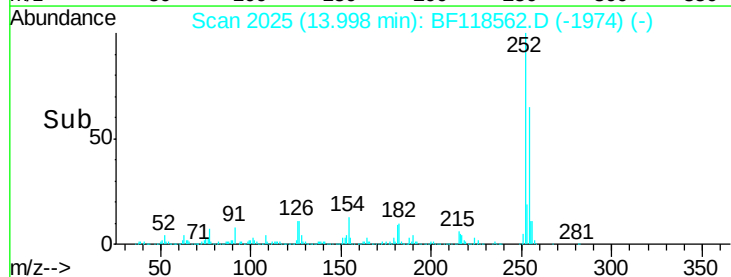
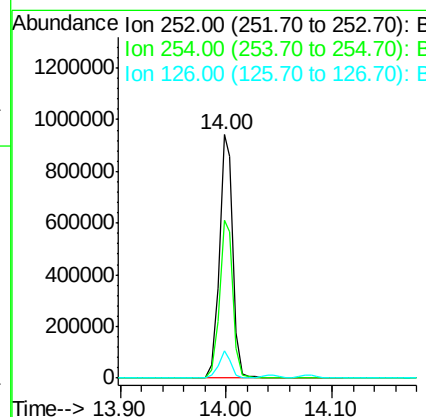
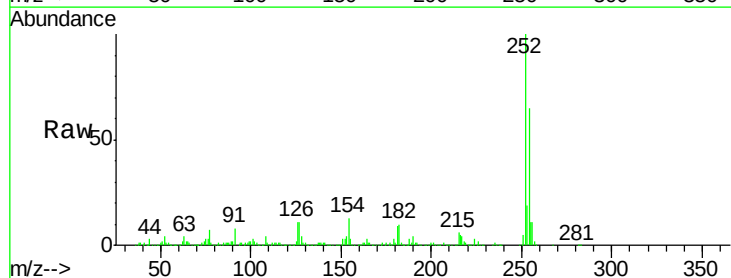
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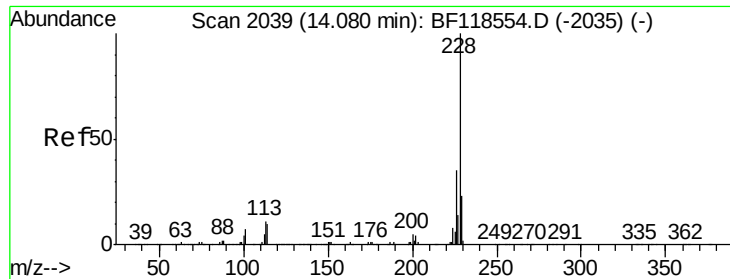
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#82
3,3'-Dichlorobenzidine
Concen: 30.161 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion:252 Resp: 856645
Ion Ratio Lower Upper
252 100
254 64.8 52.0 78.0
126 11.0 9.1 13.7





#83

Chrysene

Concen: 41.387 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA_F

ClientSampleId :

PB126158BS

Tot Ion:228 Resp: 3222739

Ion Ratio Lower Upper

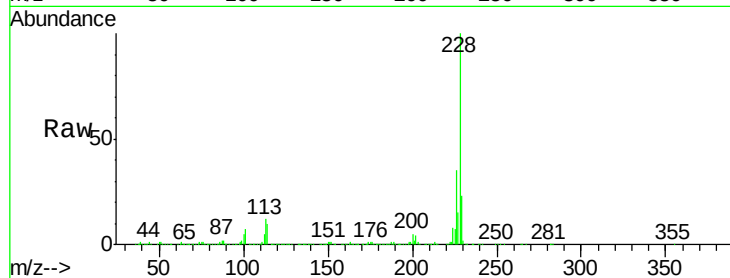
228 100

226 35.5 28.2 42.2

229 23.3 18.2 27.2

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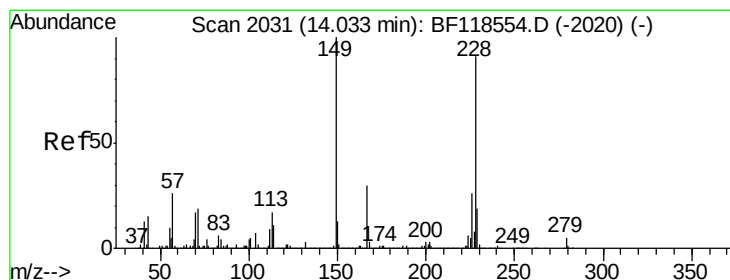
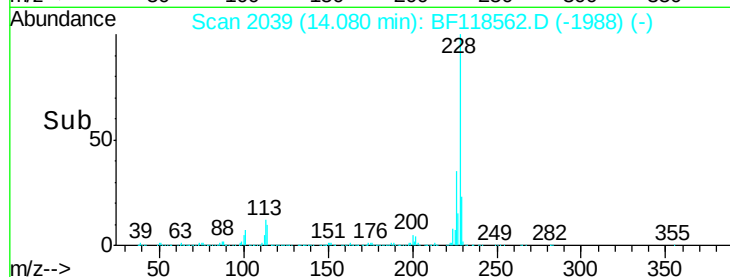
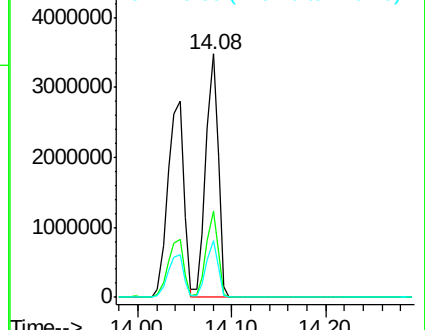
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.184 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

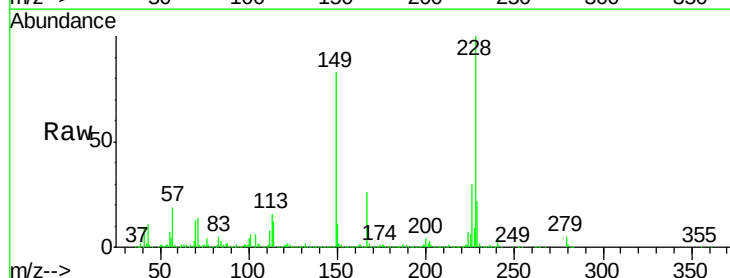
Tgt Ion:149 Resp: 2148420

Ion Ratio Lower Upper

149 100

167 30.8 23.9 35.9

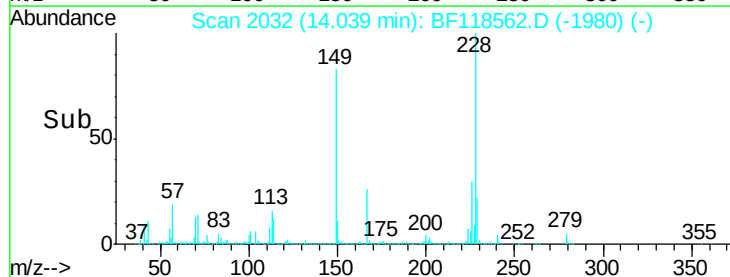
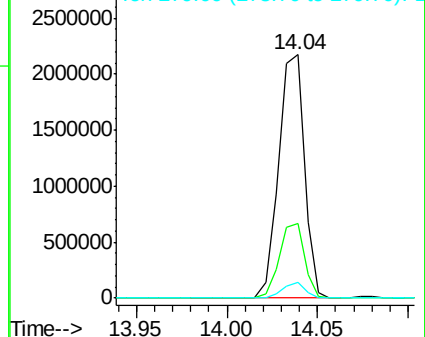
279 6.3 4.2 6.2#

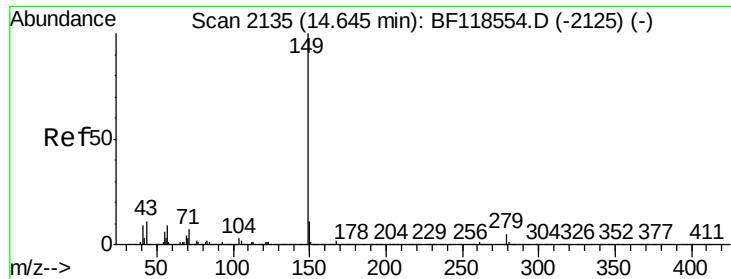


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.427 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA_F

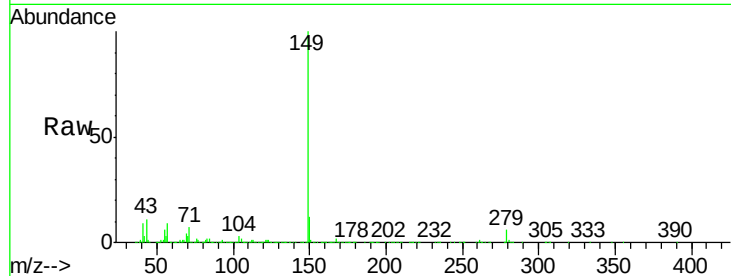
ClientSampleId :

PB126158BS

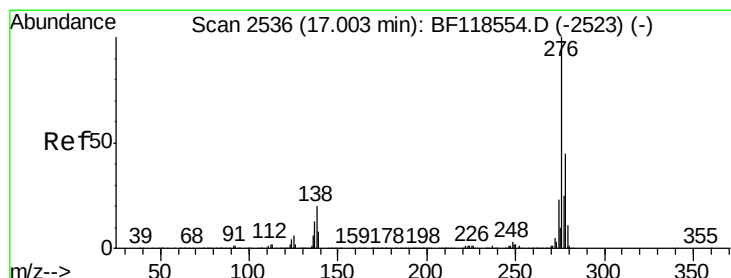
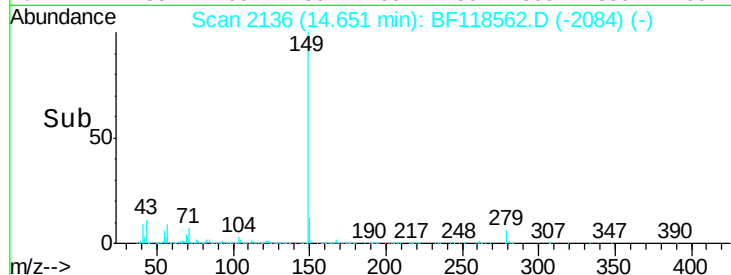
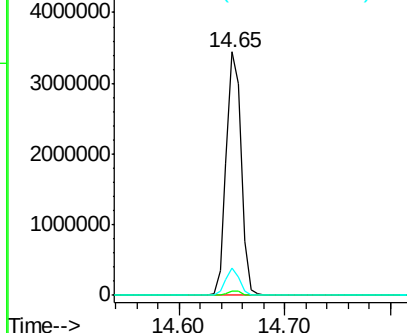
Tot Ion:	149	Resp:	3386957
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	10.4	8.9	13.3

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.055 ng

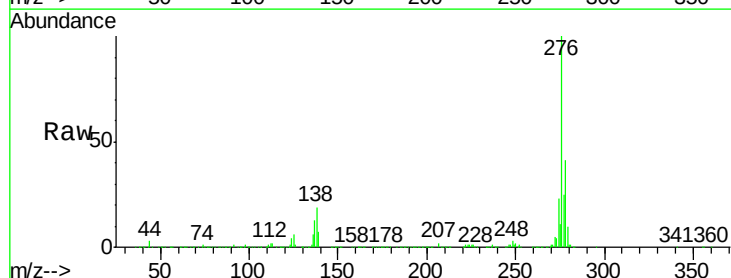
RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

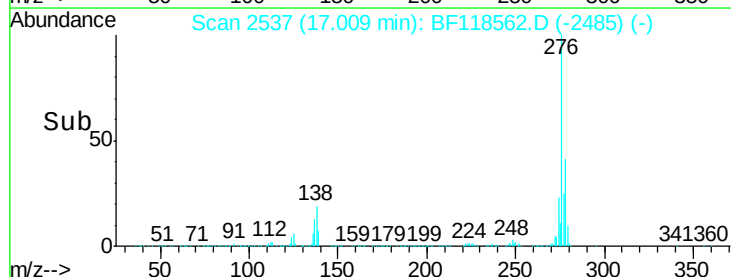
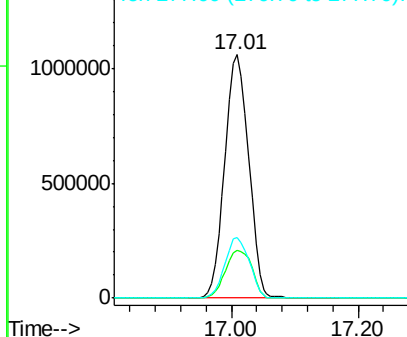
Lab File: BF118562.D

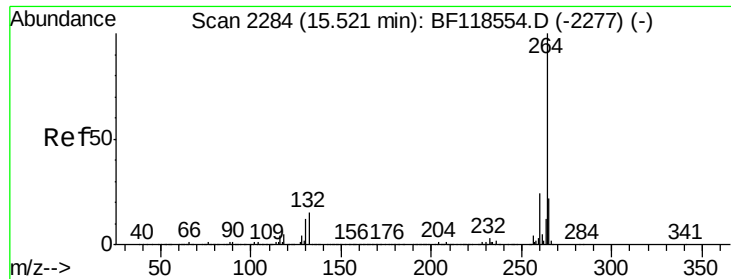
Acq: 17 Jan 2020 16:58

Tgt Ion:	276	Resp:	2762777
Ion	Ratio	Lower	Upper
276	100		
138	21.8	17.3	25.9
277	25.6	20.5	30.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA_F

ClientSampleId :

PB126158BS

Tot Ion:264 Resp: 1088392

Ion Ratio Lower Upper

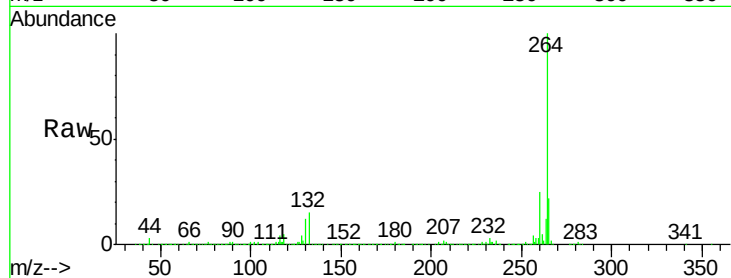
264 100

260 24.8 19.0 28.6

265 22.2 17.6 26.4

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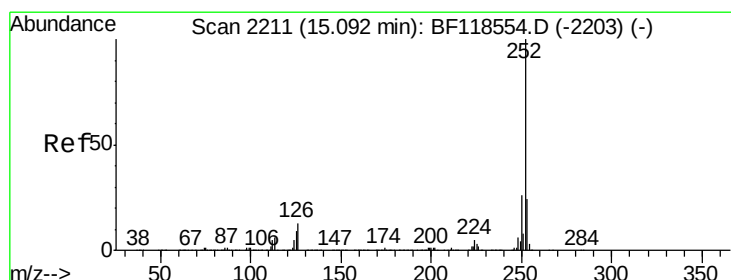
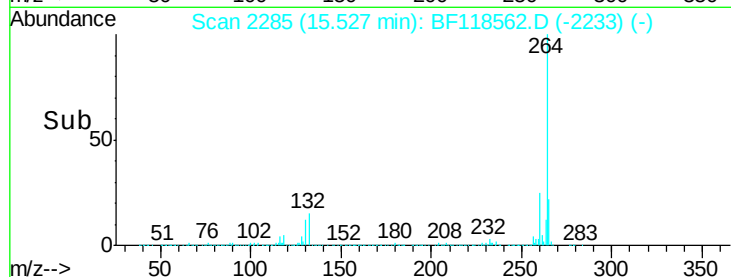
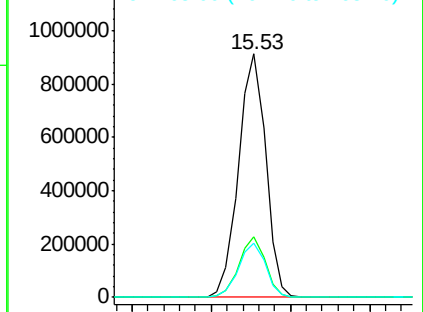


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.395 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

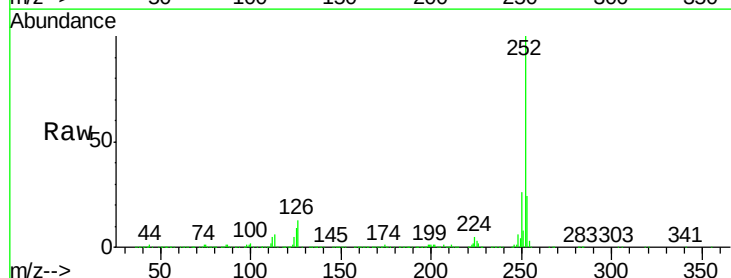
Tgt Ion:252 Resp: 3147051

Ion Ratio Lower Upper

252 100

253 23.9 19.1 28.7

125 9.5 7.5 11.3

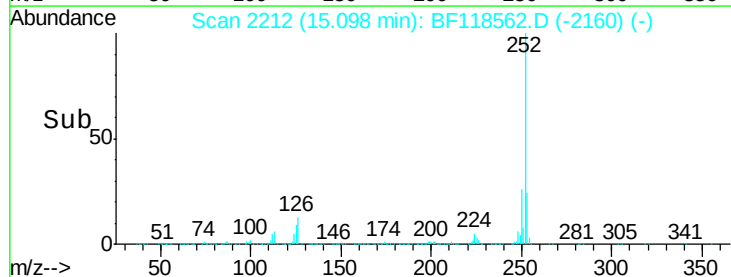
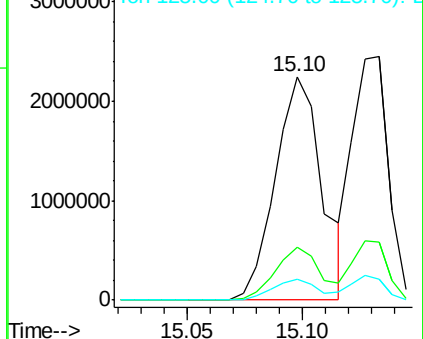


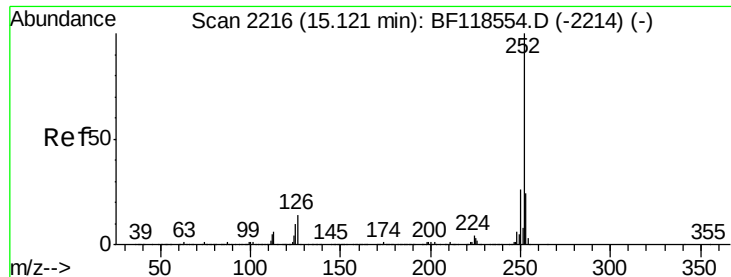
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





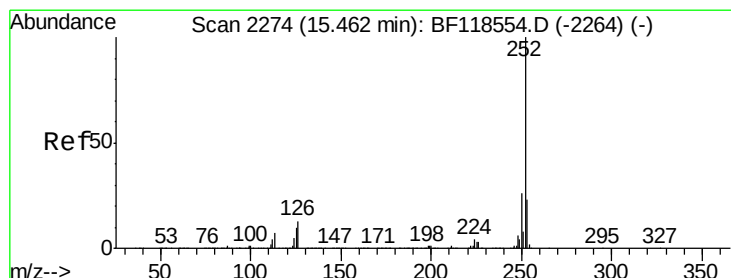
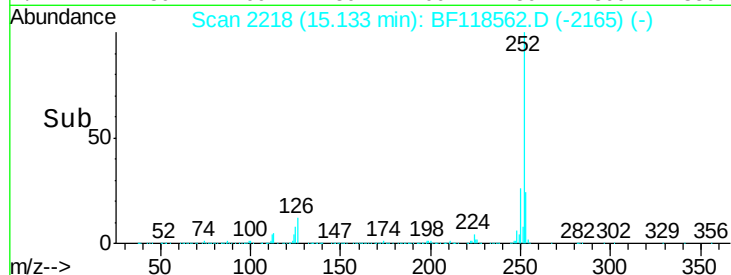
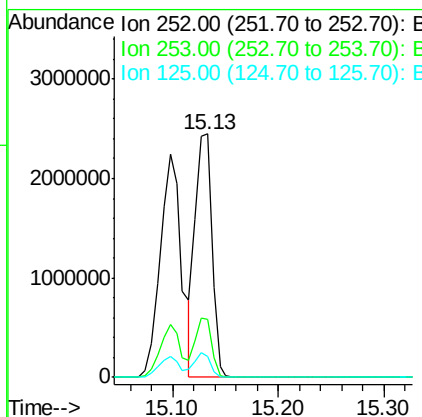
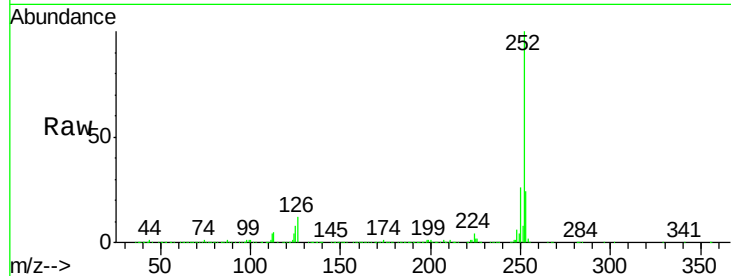
#89
Benzo(k)fluoranthene
Concen: 41.580 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Instrument :
BNA_F
ClientSampleId :
PB126158BS

Tot Ion:252 Resp: 2663873
Ion Ratio Lower Upper
252 100
253 23.6 19.0 28.4
125 8.3 7.8 11.8

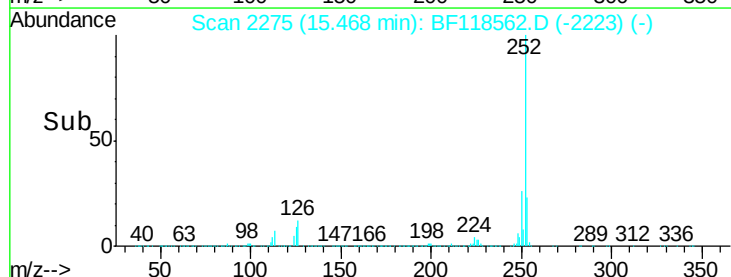
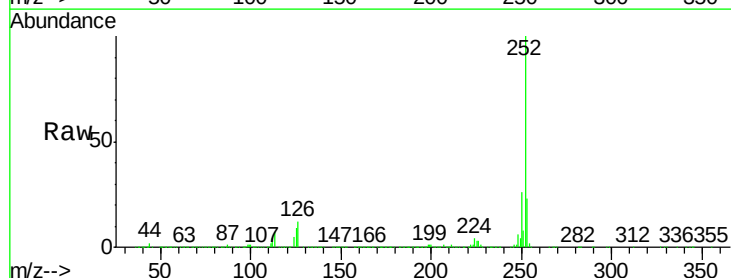
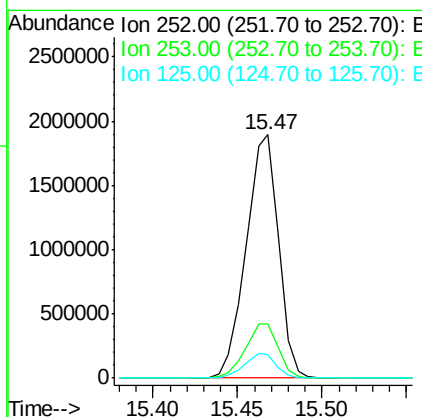
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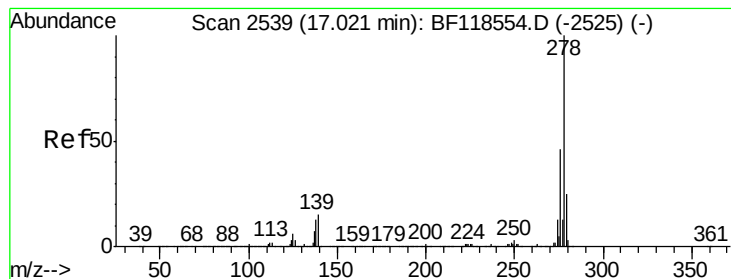
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#90
Benzo(a)pyrene
Concen: 41.076 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF118562.D
Acq: 17 Jan 2020 16:58

Tgt Ion:252 Resp: 2533640
Ion Ratio Lower Upper
252 100
253 22.5 18.3 27.5
125 9.4 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 40.249 ng

RT: 17.03 min Scan# 2540

Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

Instrument :

BNA_F

ClientSampleId :

PB126158BS

Tot Ion:278 Resp: 2318729

Ion Ratio Lower Upper

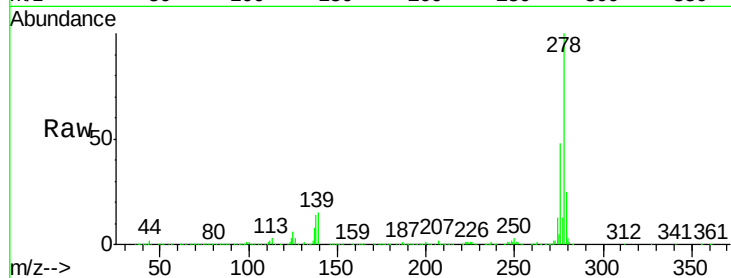
278 100

139 14.9 11.7 17.5

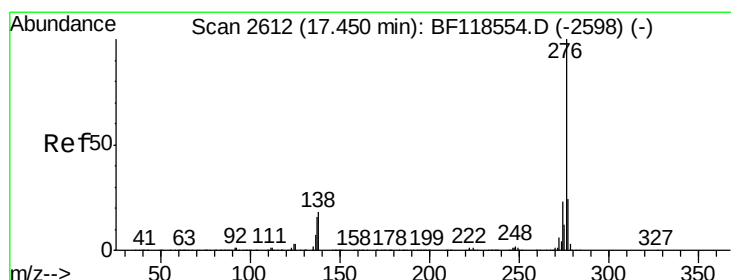
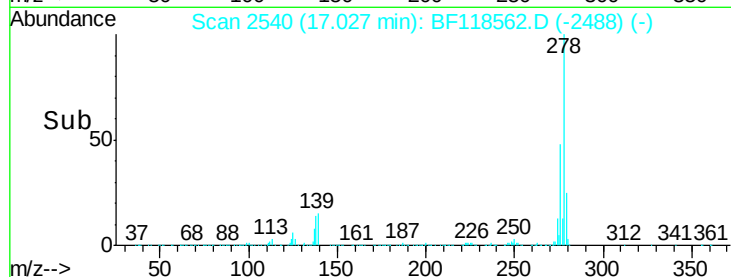
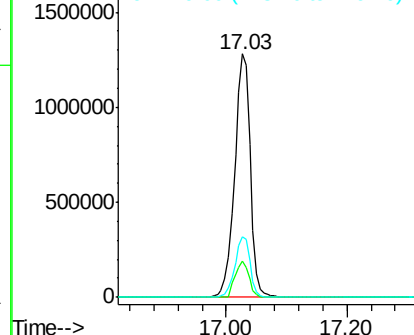
279 24.9 20.0 30.0

Manual Integrations
APPROVED

mohammad
1/21/2020 7:58:31 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.336 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.01 min

Lab File: BF118562.D

Acq: 17 Jan 2020 16:58

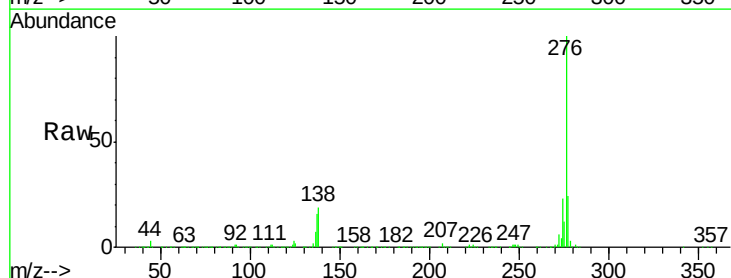
Tgt Ion:276 Resp: 2244559

Ion Ratio Lower Upper

276 100

277 24.4 19.1 28.7

138 18.8 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

