

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121816.D
 Acq On : 5 Oct 2020 13:43
 Operator : JU/CG
 Sample : L4200-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MSD

Quant Time: Oct 05 14:15:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	103302	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	403573	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	209952	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	407106	20.00	ng	0.00
76) Chrysene-d12	13.93	240	336045	20.00	ng	0.00
86) Perylene-d12	15.36	264	297074	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	779112	112.08	ng	0.01
7) Phenol-d6	6.42	99	915327	100.37	ng	0.00
23) Nitrobenzene-d5	7.33	82	735877	97.90	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	351094	134.55	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1279843	92.32	ng	0.00
79) Terphenyl-d14	12.87	244	1522649	91.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	121138	37.933	ng	# 83
3) Pyridine	3.30	79	266327	30.168	ng	99
4) n-Nitrosodimethylamine	3.22	42	171799	41.954	ng	100
6) Aniline	6.43	93	211983	17.848	ng	# 1
8) 2-Chlorophenol	6.56	128	333859	47.174	ng	96
9) Benzaldehyde	6.32	77	35415	5.940	ng	98
10) Phenol	6.43	94	363296	37.411	ng	91
11) bis(2-Chloroethyl)ether	6.50	93	343176	46.887	ng	99
12) 1,3-Dichlorobenzene	6.70	146	336865	42.645	ng	99
13) 1,4-Dichlorobenzene	6.78	146	341459	43.050	ng	100
14) 1,2-Dichlorobenzene	6.93	146	323126	44.223	ng	98
15) Benzyl Alcohol	6.92	79	299388	48.301	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.05	45	520567	44.199	ng	93
17) 2-Methylphenol	7.03	107	261219	43.379	ng	95
18) Hexachloroethane	7.27	117	122458	43.119	ng	98
19) n-Nitroso-di-n-propylamine	7.19	70	242042	46.053	ng	98
20) 3+4-Methylphenols	7.19	107	325601	45.004	ng	# 74
22) Acetophenone	7.17	105	458812	44.809	ng	# 92
24) Nitrobenzene	7.35	77	367782	45.240	ng	99
25) Isophorone	7.59	82	669398	44.241	ng	100
26) 2-Nitrophenol	7.67	139	176020	46.100	ng	100
27) 2,4-Dimethylphenol	7.71	122	293896	43.514	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	423753	45.239	ng	100
29) 2,4-Dichlorophenol	7.92	162	279904	45.501	ng	96
30) 1,2,4-Trichlorobenzene	7.99	180	283108	43.698	ng	100
31) Naphthalene	8.07	128	939847	44.116	ng	99
32) Benzoic acid	7.86	122	161932	34.427	ng	99
33) 4-Chloroaniline	8.12	127	137619	14.902	ng	97
34) Hexachlorobutadiene	8.19	225	168721	44.367	ng	99
35) Caprolactam	8.50	113	50179	24.495	ng	98
36) 4-Chloro-3-methylphenol	8.62	107	303551	45.806	ng	99
37) 2-Methylnaphthalene	8.76	142	629288	45.074	ng	99
38) 1-Methylnaphthalene	8.86	142	583873	44.936	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	295291	45.026	ng	99

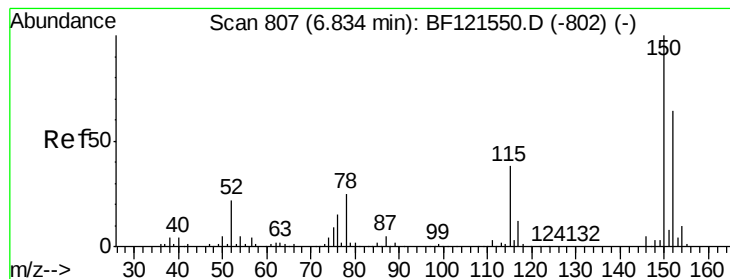
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	195872	52.299	nq	98
43) 2,4,6-Trichlorophenol	9.05	196	200715	44.901	nq	99
44) 2,4,5-Trichlorophenol	9.09	196	213420	45.162	nq	97
46) 1,1'-Biphenyl	9.23	154	759082	45.162	nq	98
47) 2-Chloronaphthalene	9.25	162	587016	44.319	nq	99
48) 2-Nitroaniline	9.35	65	205035	49.815	nq	100
49) Acenaphthylene	9.66	152	924445	45.425	nq	100
50) Dimethylphthalate	9.53	163	751880	49.411	nq	100
51) 2,6-Dinitrotoluene	9.59	165	162045	50.003	nq	94
52) Acenaphthene	9.83	154	553411	43.054	nq	100
53) 3-Nitroaniline	9.76	138	100269	26.709	nq	94
54) 2,4-Dinitrophenol	9.88	184	167389	88.473	nq	98
55) Dibenzofuran	10.01	168	812360	44.878	nq	100
56) 4-Nitrophenol	9.94	139	208788	69.737	nq	87
57) 2,4-Dinitrotoluene	10.00	165	209466	51.377	nq	96
58) Fluorene	10.35	166	653362	47.199	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	180919	47.092	nq	99
60) Diethylphthalate	10.23	149	720199	48.543	nq	99
61) 4-Chlorophenyl-phenylether	10.34	204	316061	47.663	nq	96
62) 4-Nitroaniline	10.37	138	163652	43.904	nq	98
63) Azobenzene	10.50	77	733411	46.420	nq	97
65) 4,6-Dinitro-2-methylphenol	10.41	198	120551	48.219	nq	90
66) n-Nitrosodiphenylamine	10.46	169	625470	44.782	nq	100
67) 4-Bromophenyl-phenylether	10.83	248	215893	46.578	nq	95
68) Hexachlorobenzene	10.90	284	237507	45.405	nq	99
69) Atrazine	10.99	200	154256	44.455	nq	99
70) Pentachlorophenol	11.10	266	225120	78.365	nq	98
71) Phenanthrene	11.31	178	991940	44.721	nq	99
72) Anthracene	11.36	178	1026068	44.827	nq	99
73) Carbazole	11.52	167	931294	45.086	nq	100
74) Di-n-butylphthalate	11.85	149	1171484	49.139	nq	99
75) Fluoranthene	12.50	202	1098739	46.404	nq	100
77) Benzidine	12.62	184	49678	4.459	nq	100
78) Pyrene	12.73	202	1117629	45.520	nq	99
80) Butylbenzylphthalate	13.34	149	513030	51.666	nq	98
81) Benzo(a)anthracene	13.92	228	978543	46.028	nq	100
82) 3,3'-Dichlorobenzidine	13.88	252	260244	31.355	nq	99
83) Chrysene	13.96	228	981532	45.592	nq	100
84) Bis(2-ethylhexyl)phthalate	13.90	149	720644	54.325	nq	99
85) Di-n-octyl phthalate	14.52	149	1264025	53.993	nq	100
87) Indeno(1,2,3-cd)pyrene	16.79	276	954486	49.337	nq	100
88) Benzo(b)fluoranthene	14.95	252	943155	47.491	nq	99
89) Benzo(k)fluoranthene	14.98	252	897178	49.332	nq	99
90) Benzo(a)pyrene	15.30	252	815750	48.322	nq	99
91) Dibenzo(a,h)anthracene	16.80	278	785271	48.761	nq	99
92) Benzo(g,h,i)perylene	17.21	276	792853	50.084	nq	100

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

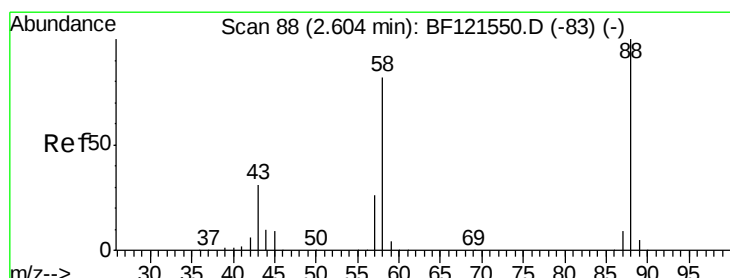
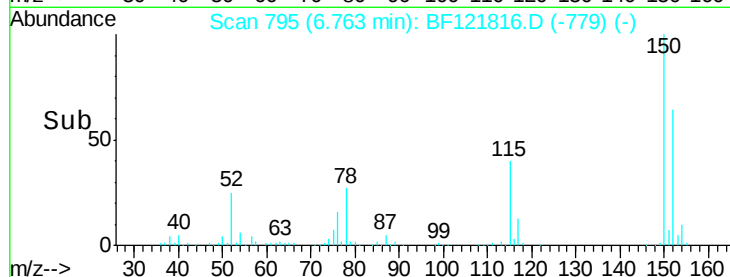
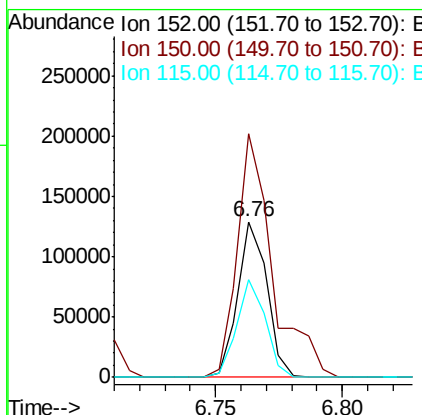
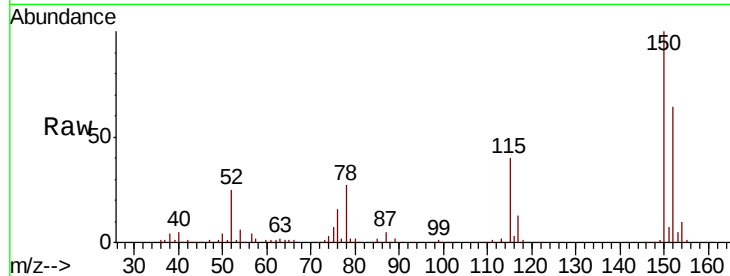


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

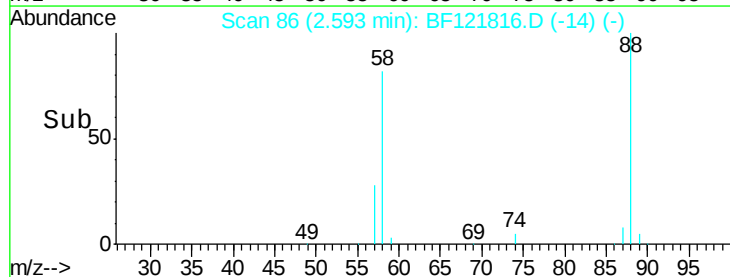
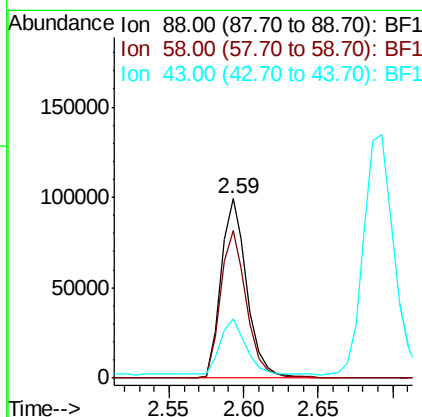
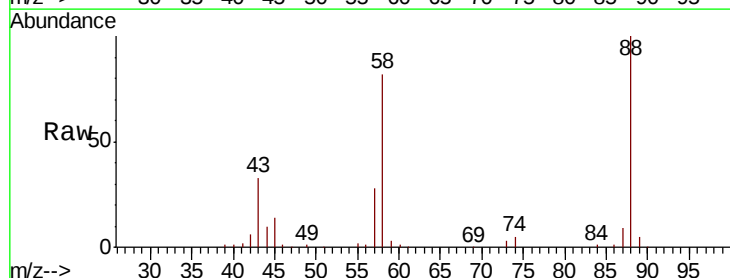
Tot Ion:152 Resp: 103302
Ion Ratio Lower Upper
152 100
150 156.8 125.3 187.9
115 63.0 51.9 77.9

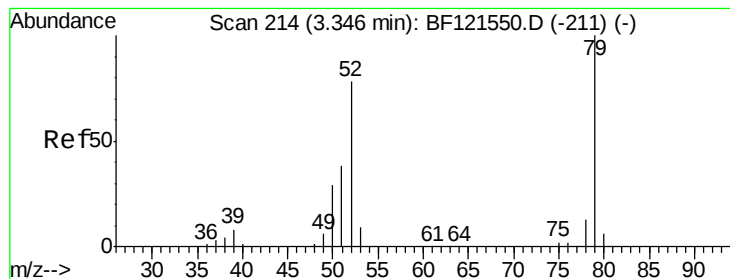


#2

1,4-Dioxane
Concen: 37.933 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.12 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion: 88 Resp: 121138
Ion Ratio Lower Upper
88 100
58 83.0 65.8 98.8
43 0.0 25.8 38.8#





#3

Pvridine

Concen: 30.168 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.11 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01MSD

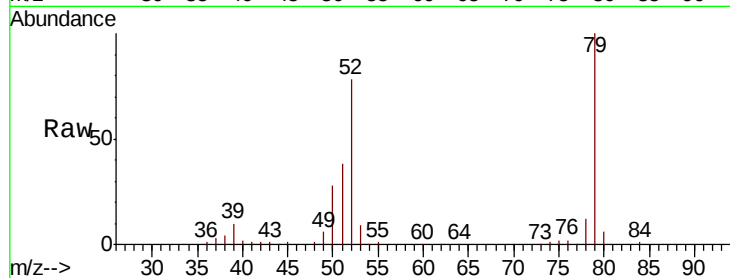
Tot Ion: 79 Resp: 266327

Ion Ratio Lower Upper

79 100

52 78.1 62.2 93.4

51 37.6 31.1 46.7



Abundance Ion 79.00 (78.70 to 79.70): BF1
150000 Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

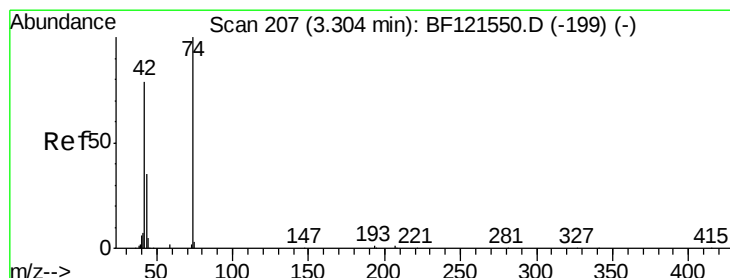
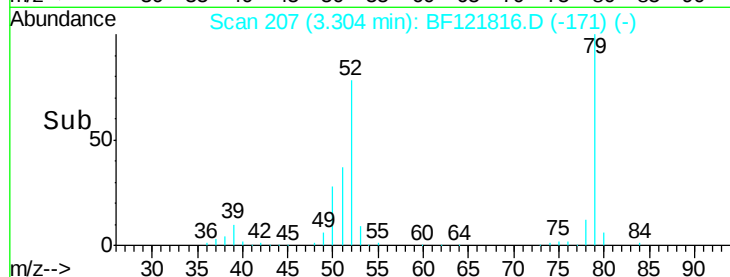
3.30

100000

50000

0

Time-->



#4

n-Nitrosodimethylamine

Concen: 41.954 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.06 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

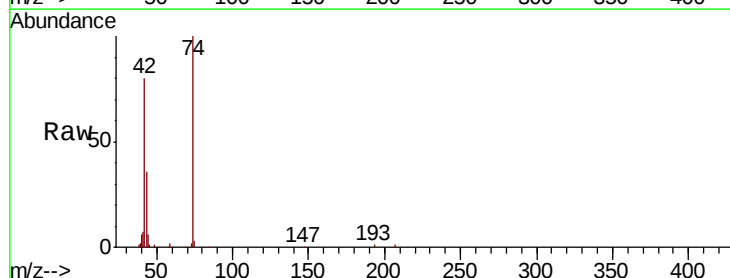
Tgt Ion: 42 Resp: 171799

Ion Ratio Lower Upper

42 100

74 125.0 100.2 150.2

44 7.0 5.8 8.6



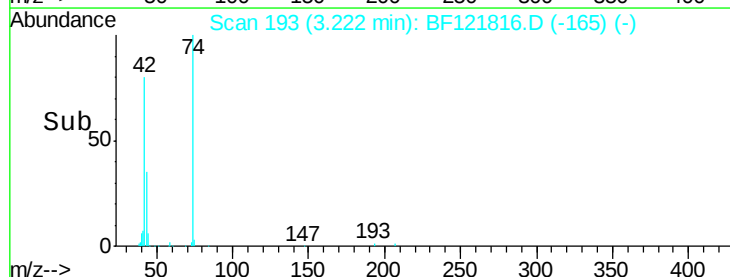
Abundance Ion 42.00 (41.70 to 42.70): BF1
150000 Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

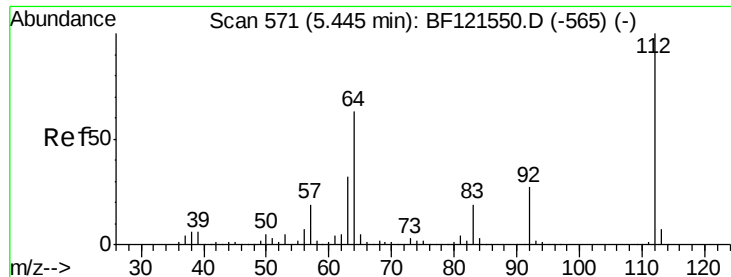
100000

50000

0

Time-->

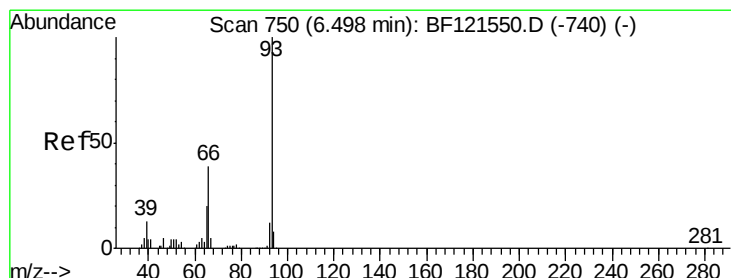
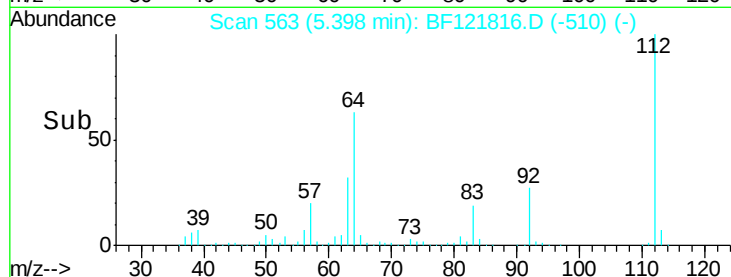
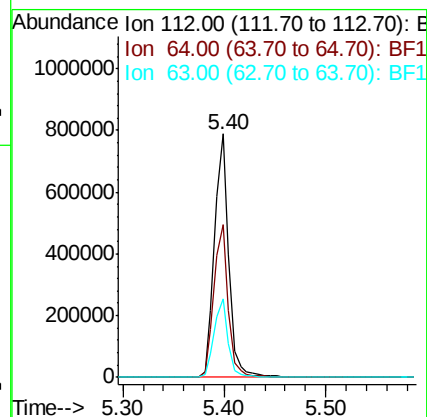
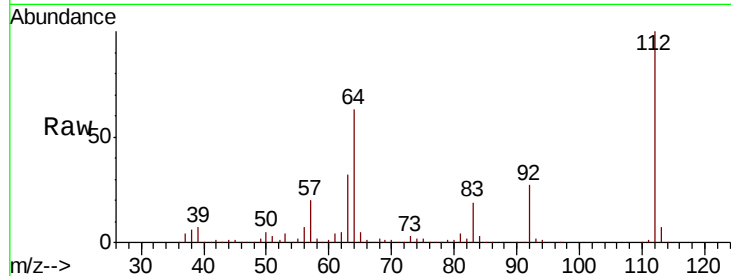




#5
2-Fluorophenol
Concen: 112.085 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

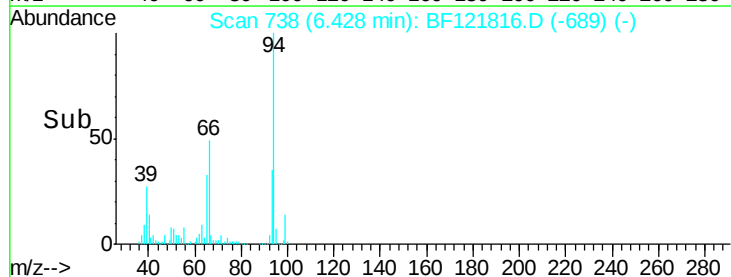
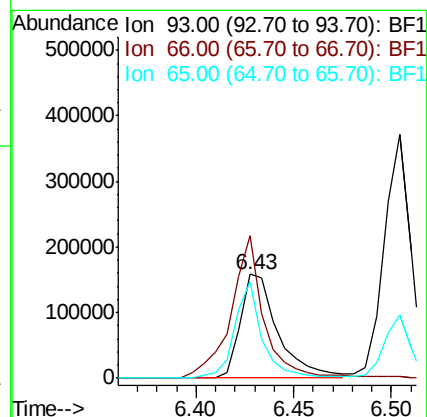
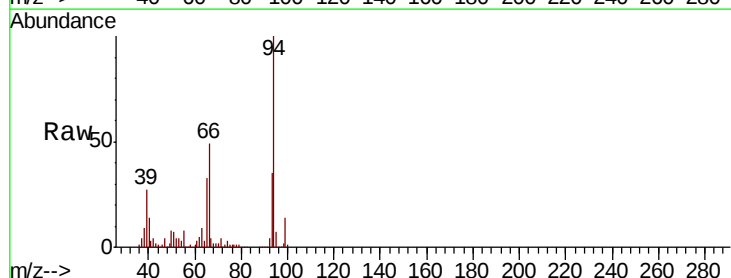
Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion:112 Resp: 779112
Ion Ratio Lower Upper
112 100
64 62.8 50.4 75.6
63 32.1 25.8 38.6



#6
Aniline
Concen: 17.848 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion: 93 Resp: 211983
Ion Ratio Lower Upper
93 100
66 138.0 32.7 49.1#
65 93.2 16.6 24.8#





#7

Phenol-d6

Concen: 100.371 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01MSD

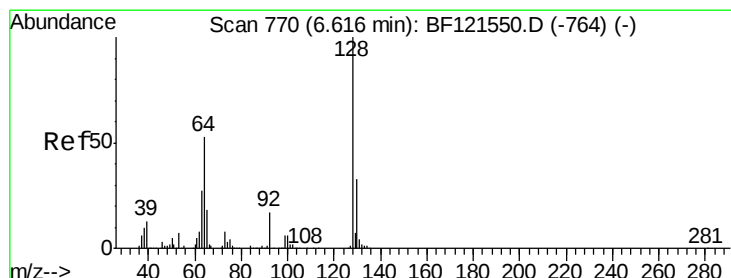
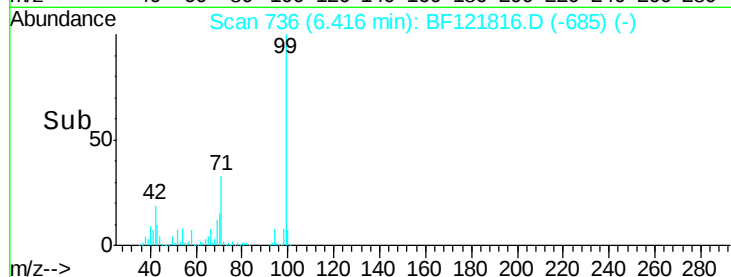
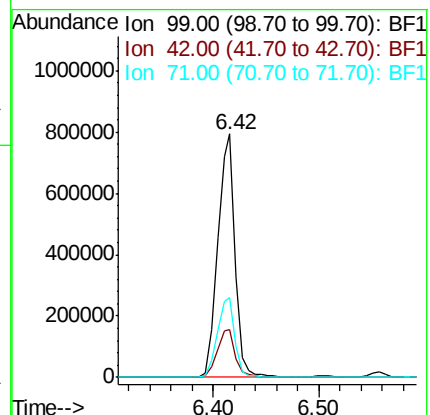
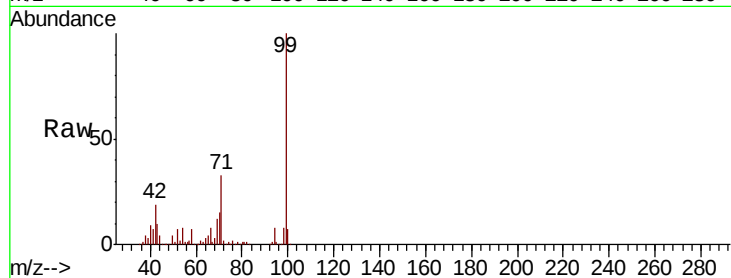
Tot Ion: 99 Resp: 915327

Ion Ratio Lower Upper

99 100

42 19.4 15.9 23.9

71 32.9 27.1 40.7



#8

2-Chlorophenol

Concen: 47.174 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

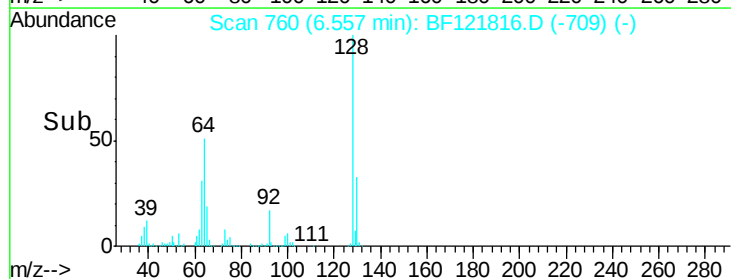
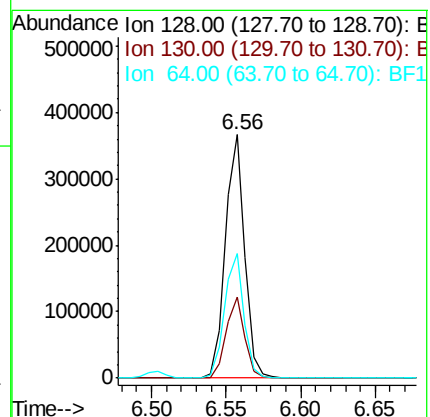
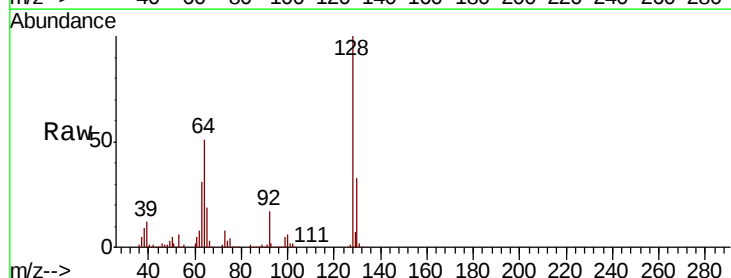
Tgt Ion: 128 Resp: 333859

Ion Ratio Lower Upper

128 100

130 33.2 12.4 52.4

64 51.0 34.8 74.8





#9

Benzaldehyde

Concen: 5.940 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01MSD

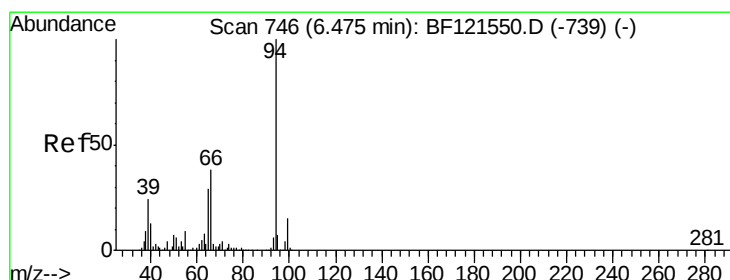
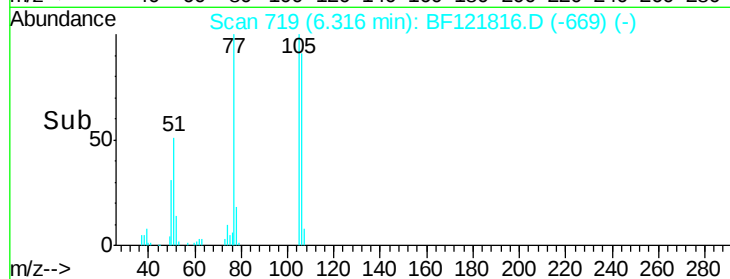
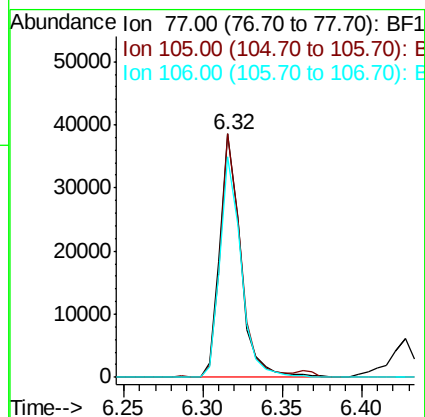
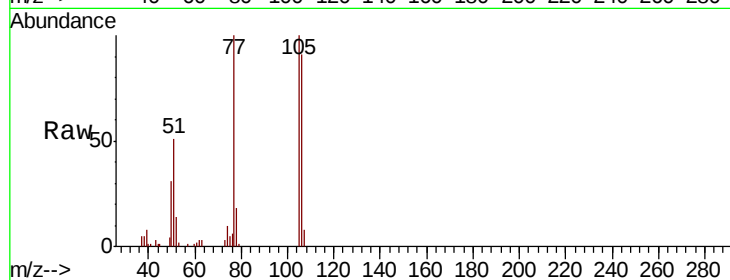
Tot Ion: 77 Resp: 35415

Ion Ratio Lower Upper

77 100

105 100.1 76.7 116.7

106 90.8 71.3 111.3



#10

Phenol

Concen: 37.411 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

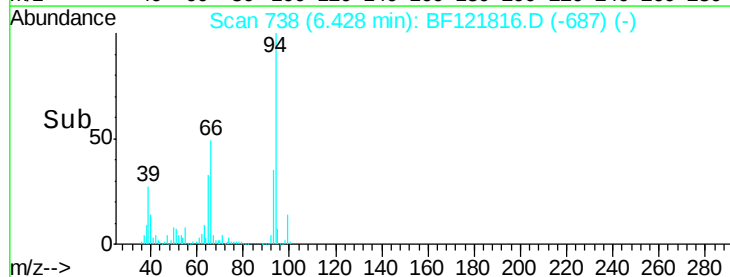
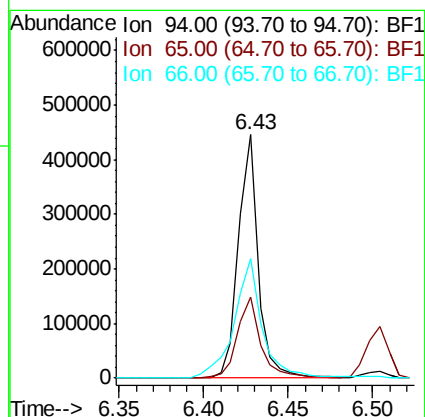
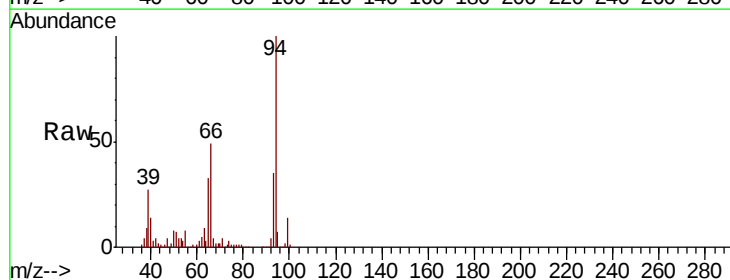
Tgt Ion: 94 Resp: 363296

Ion Ratio Lower Upper

94 100

65 33.1 17.1 57.1

66 48.9 36.0 76.0

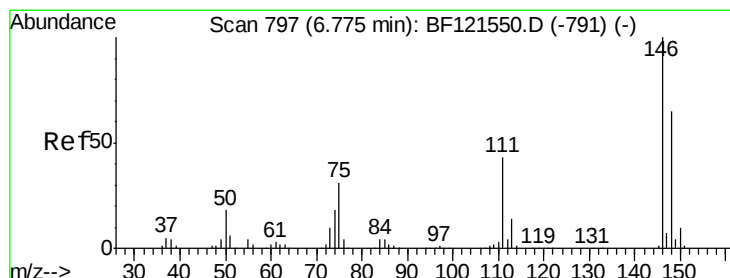
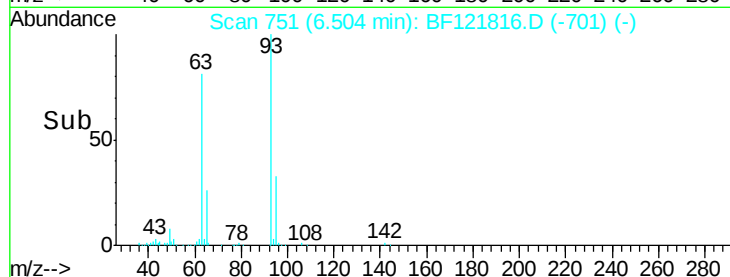
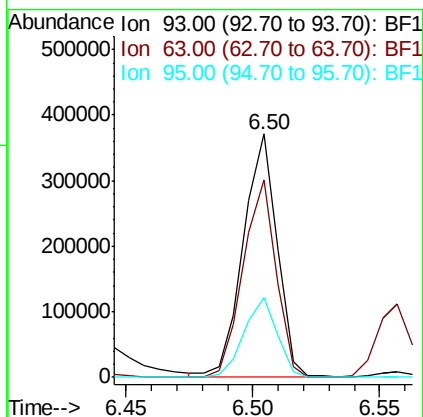
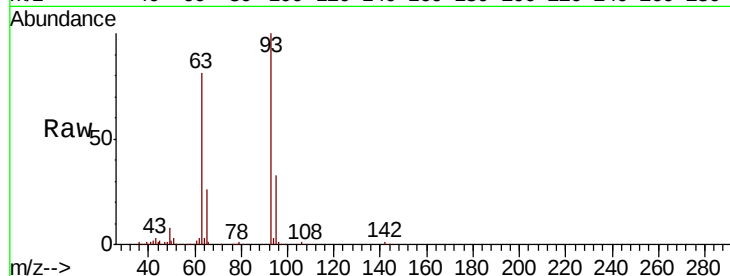




#11
bis(2-Chloroethyl)ether
Concen: 46.887 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

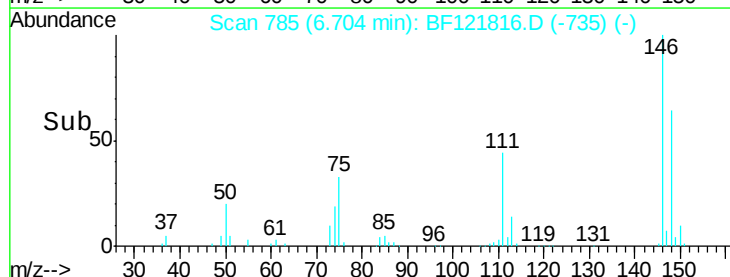
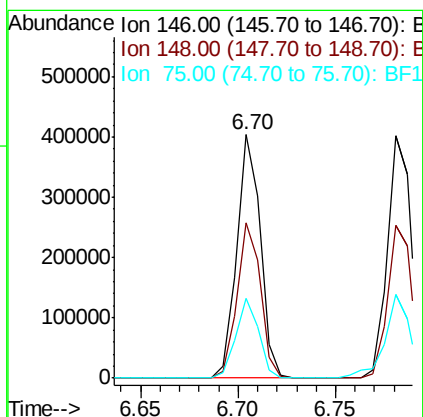
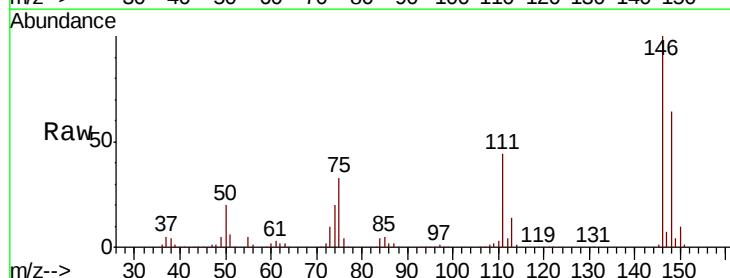
Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

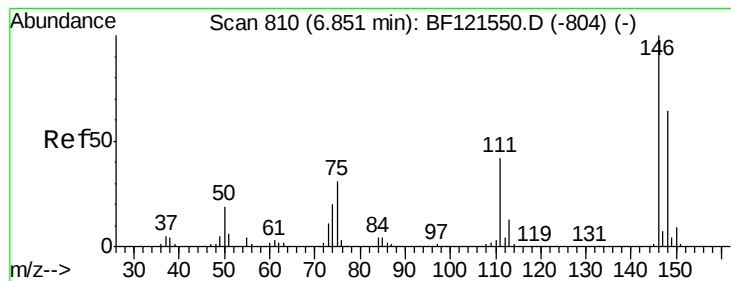
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.0	62.4	102.4
95	32.9	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 42.645 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.4
75	32.9	27.6	41.4





#13

1,4-Dichlorobenzene

Concen: 43.050 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01MSD

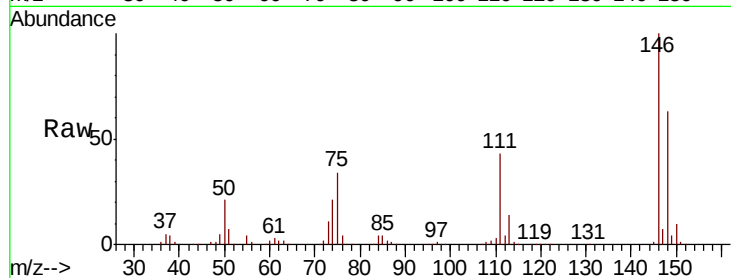
Tot Ion:146 Resp: 341459

Ion Ratio Lower Upper

146 100

148 63.1 50.1 75.1

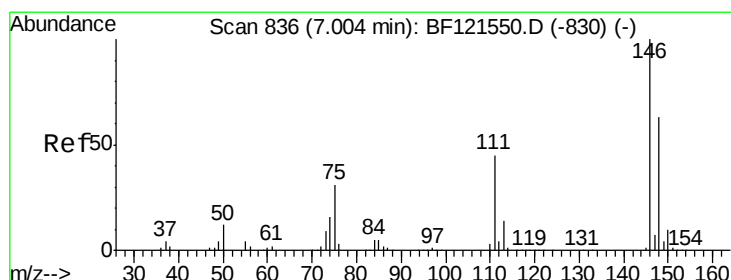
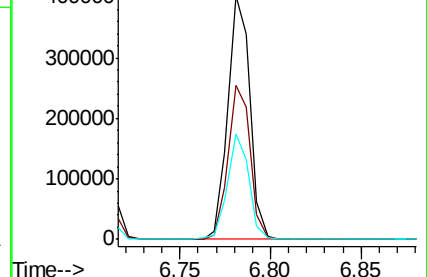
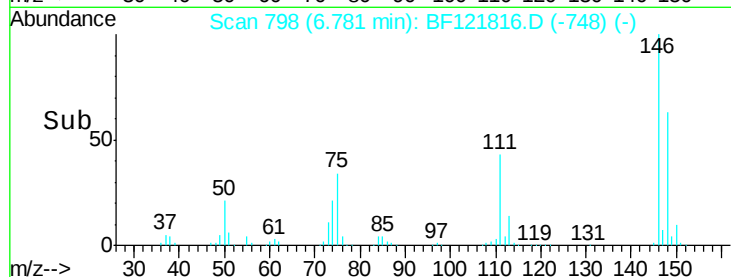
111 43.5 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.223 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

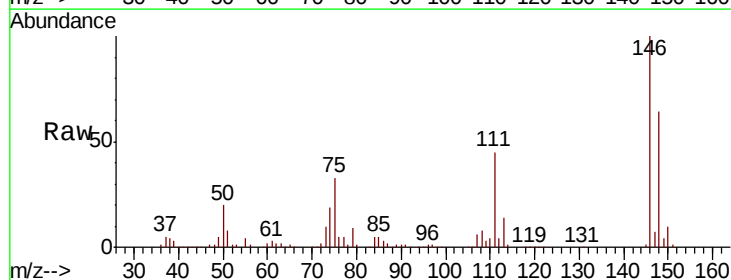
Tgt Ion:146 Resp: 323126

Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

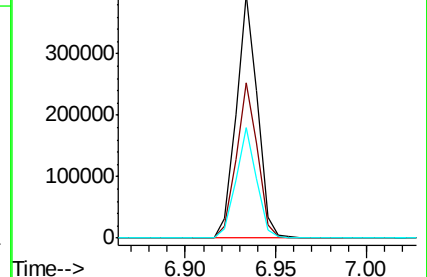
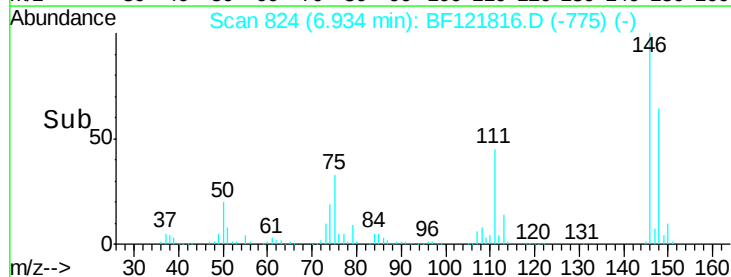
111 45.2 34.2 51.4

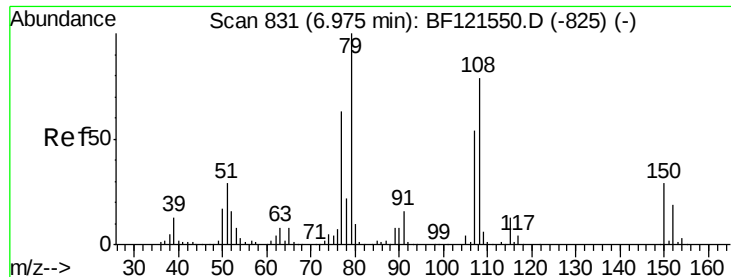


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.301 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01MSD

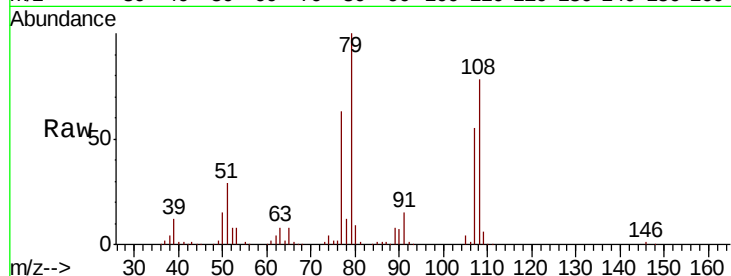
Tot Ion: 79 Resp: 299388

Ion Ratio Lower Upper

79 100

108 78.2 62.3 93.5

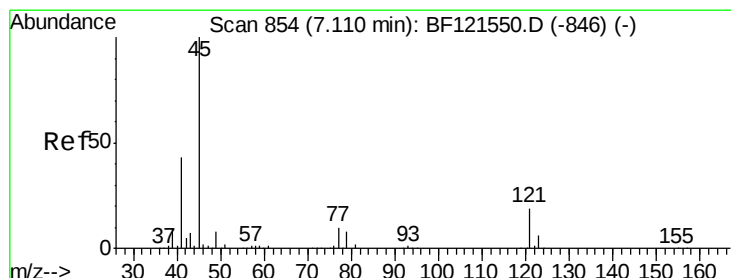
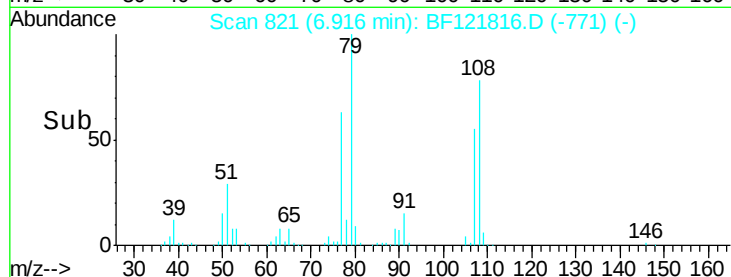
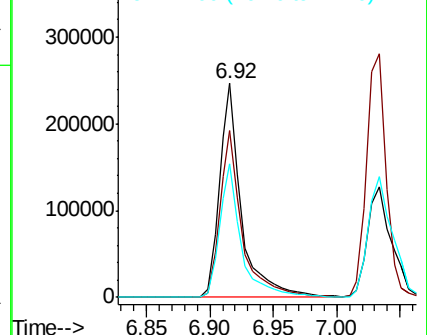
77 62.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.199 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

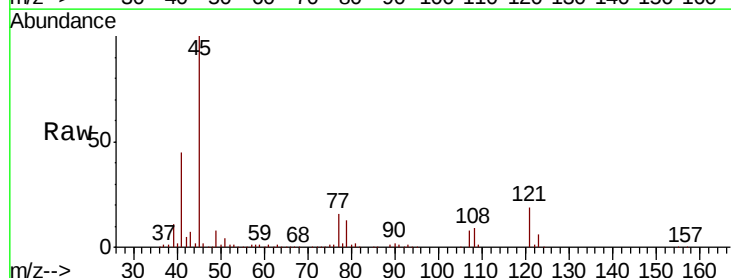
Tgt Ion: 45 Resp: 520567

Ion Ratio Lower Upper

45 100

77 15.9 0.0 33.3

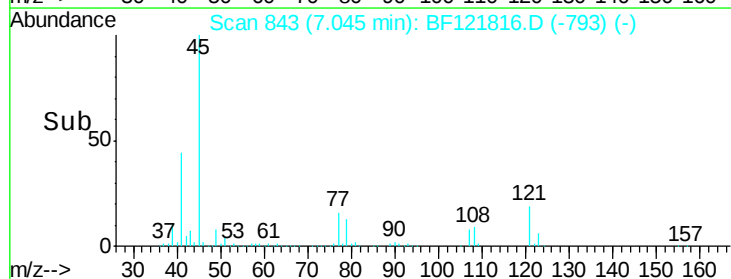
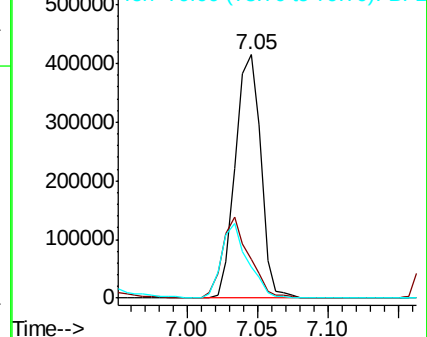
79 12.9 0.0 30.4

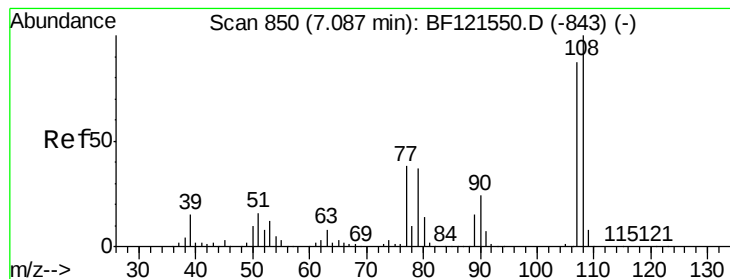


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 43.379 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01MSD

Tot Ion:107 Resp: 261219

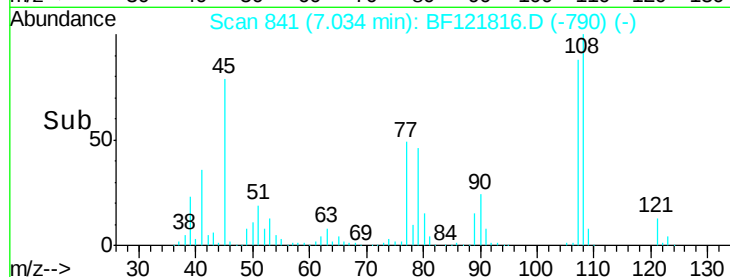
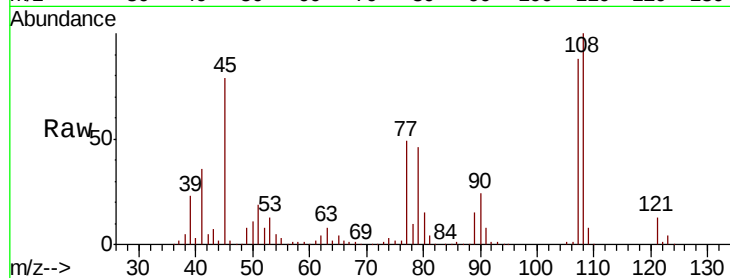
Ion Ratio Lower Upper

107 100

108 113.6 90.9 136.3

77 56.2 37.5 56.3

79 51.8 37.4 56.0



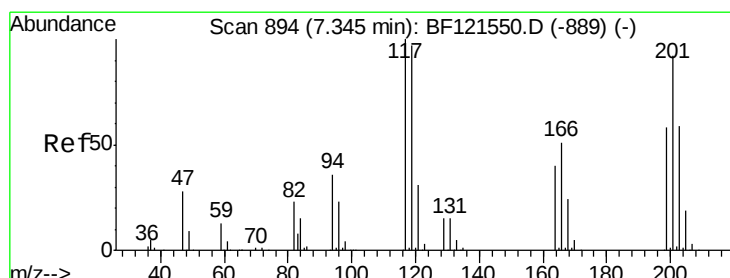
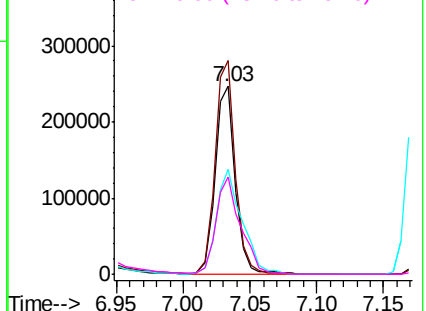
Abundance

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: 43.119 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

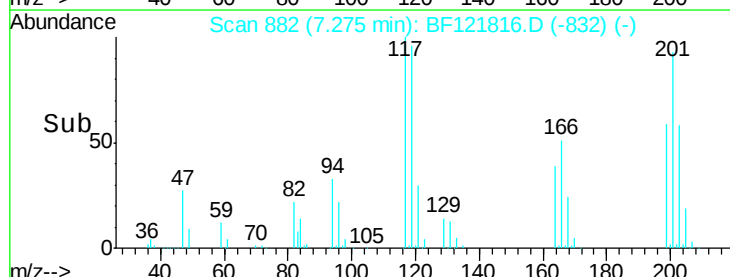
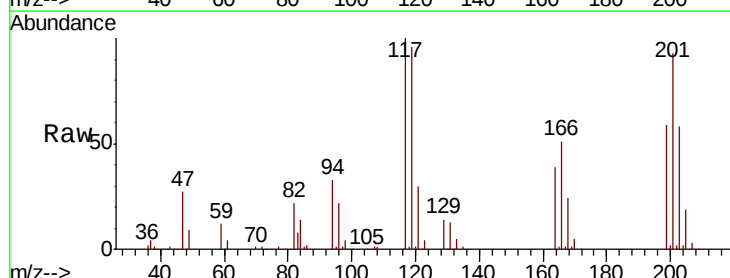
Tgt Ion:117 Resp: 122458

Ion Ratio Lower Upper

117 100

119 95.8 76.3 114.5

201 93.1 71.8 107.6

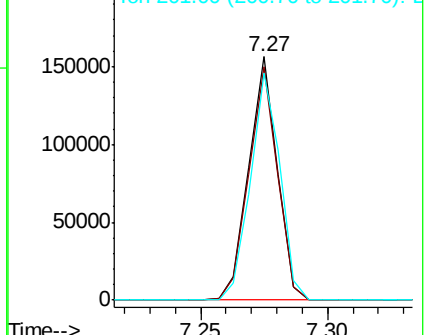


Abundance

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

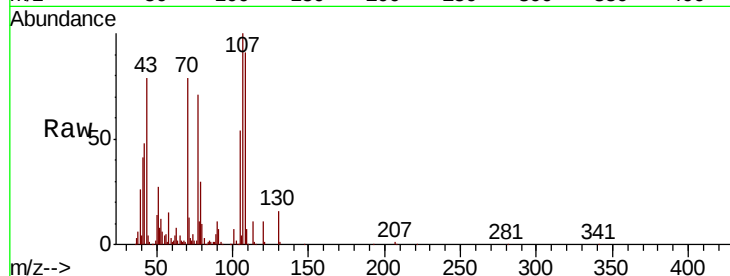




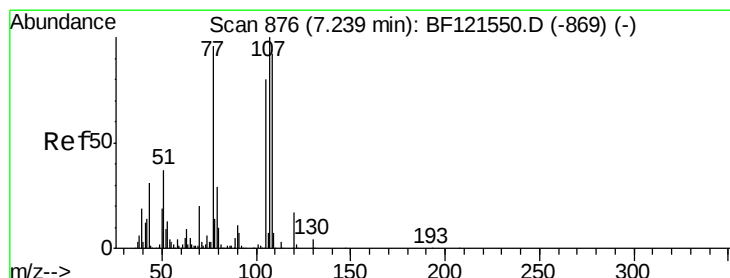
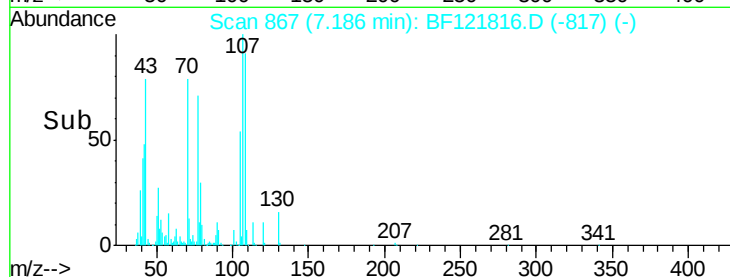
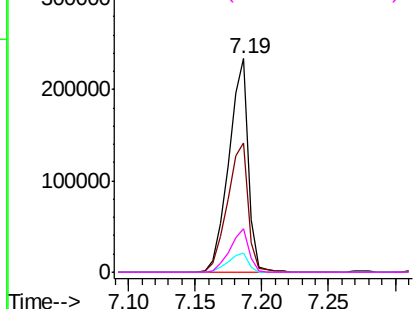
#19
n-Nitroso-di-n-propylamine
Concen: 46.053 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion: 70 Resp: 242042
Ion Ratio Lower Upper
70 100
42 60.5 50.2 75.4
101 9.3 7.5 11.3
130 20.2 15.5 23.3

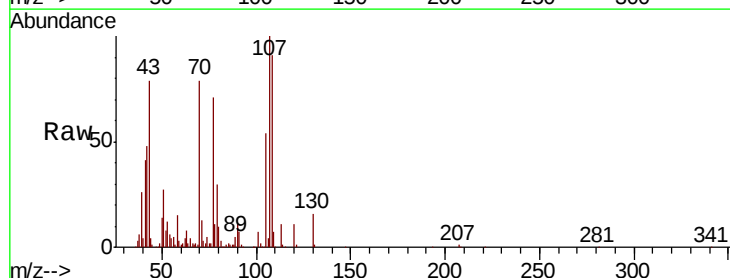


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

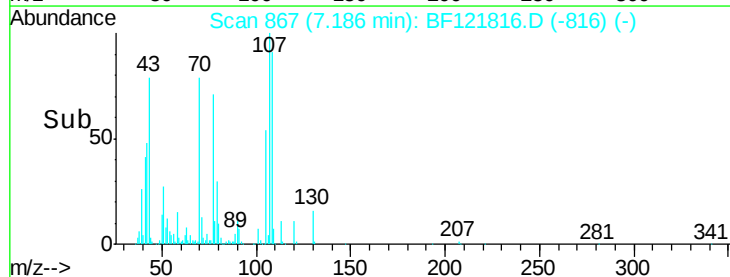
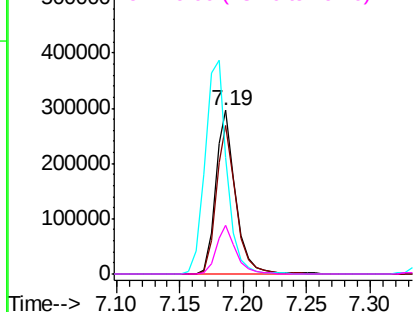


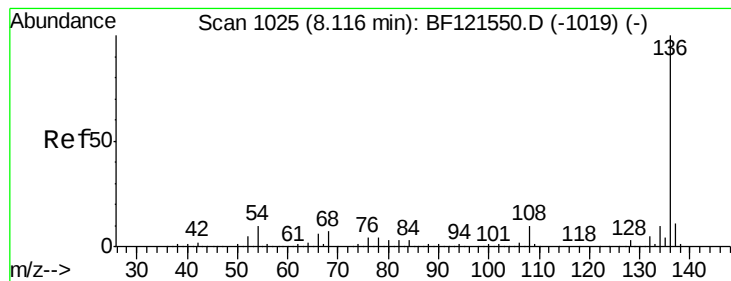
#20
3+4-Methylphenols
Concen: 45.004 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion: 107 Resp: 325601
Ion Ratio Lower Upper
107 100
108 90.5 68.9 108.9
77 71.1 108.0 148.0#
79 30.0 10.5 50.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01MSD

Tot Ion:136 Resp: 403573

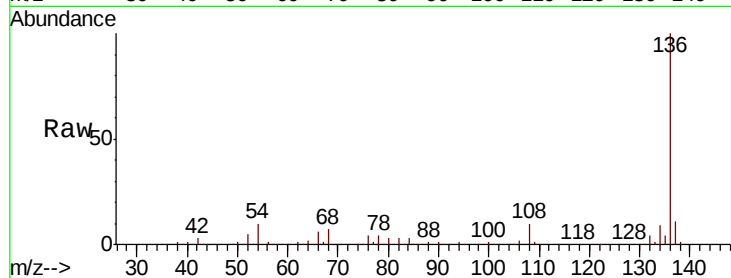
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 10.1 7.1 10.7

68 7.1 5.0 7.4

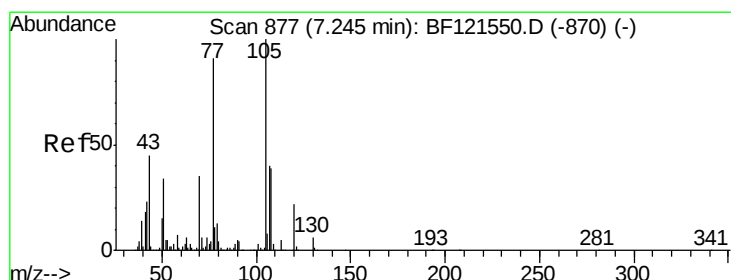
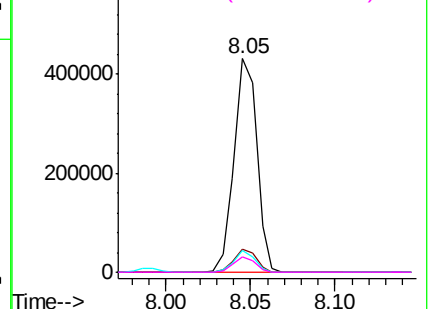
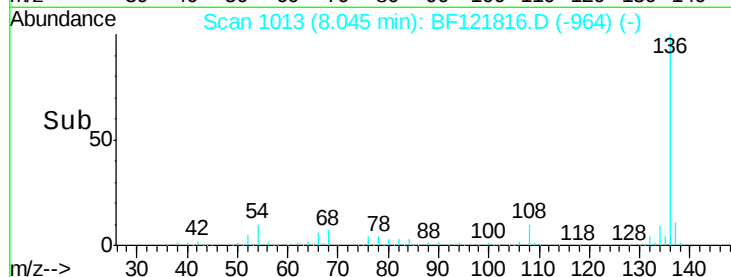


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.809 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Tgt Ion:105 Resp: 458812

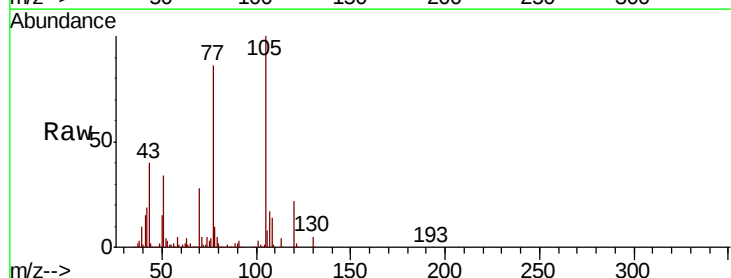
Ion Ratio Lower Upper

105 100

71 4.8 5.3 7.9#

51 33.8 33.2 49.8

120 22.0 17.4 26.0

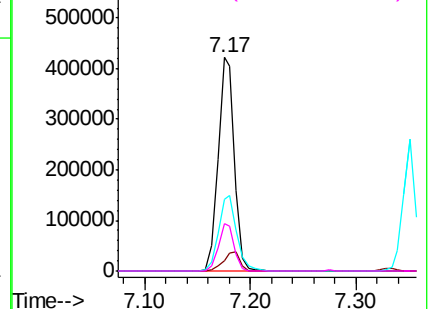
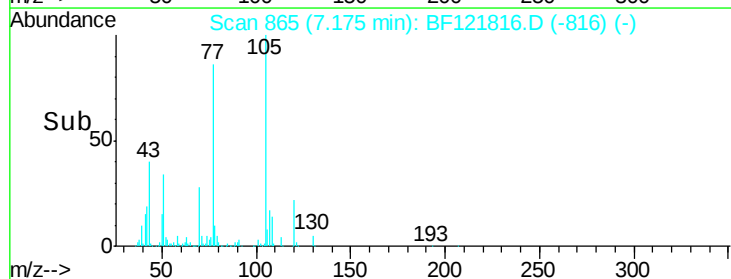


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

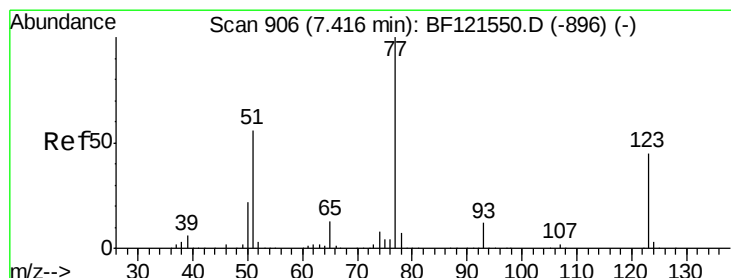
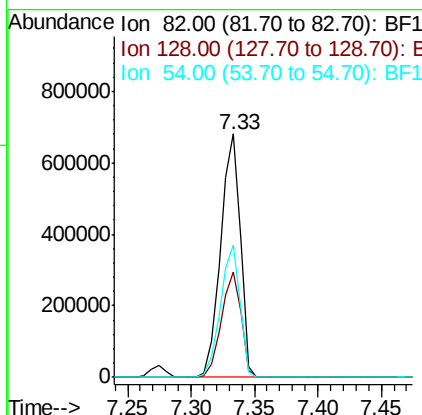
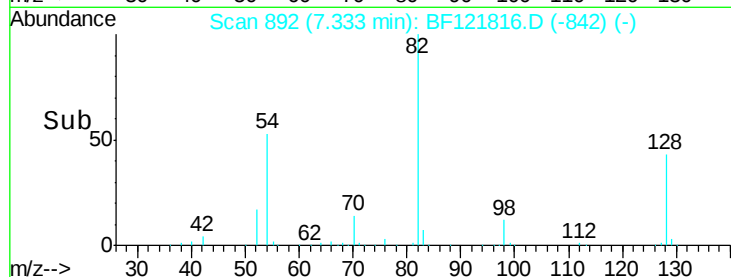
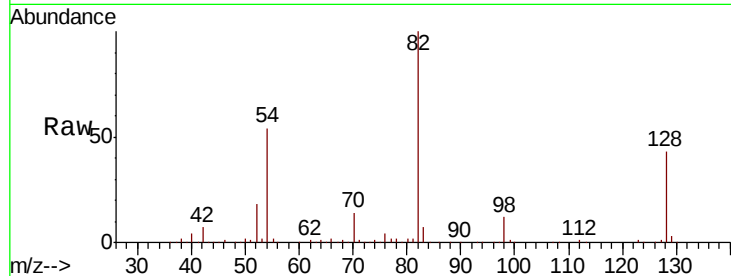




#23
Nitrobenzene-d5
Concen: 97.902 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

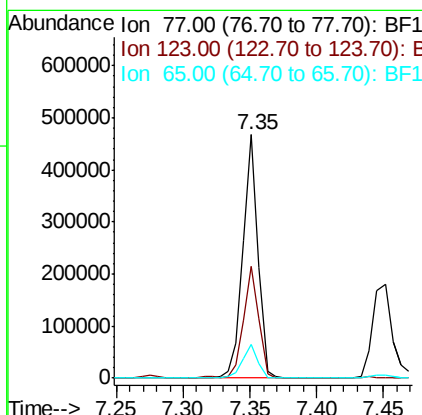
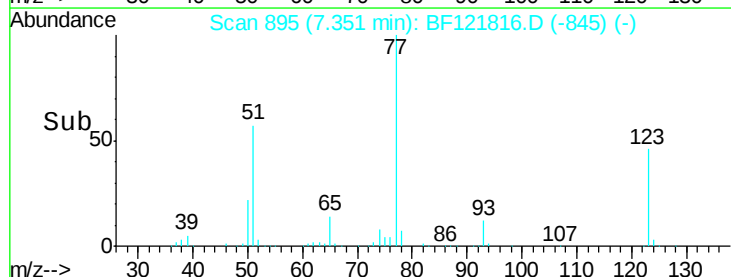
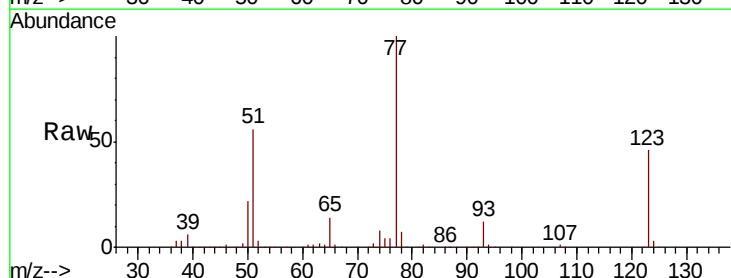
Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

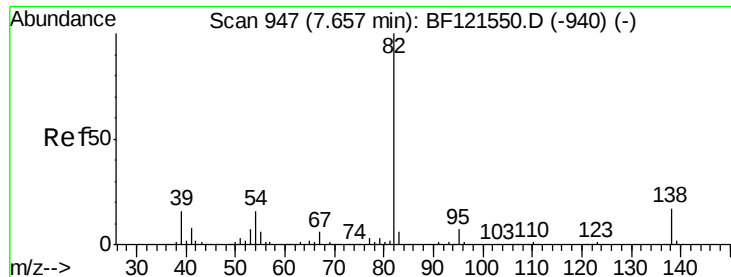
Tot Ion: 82 Resp: 735877
Ion Ratio Lower Upper
82 100
128 43.3 35.0 52.4
54 54.1 43.9 65.9



#24
Nitrobenzene
Concen: 45.240 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion: 77 Resp: 367782
Ion Ratio Lower Upper
77 100
123 45.7 35.6 53.4
65 13.9 11.2 16.8





#25

Isophorone

Concen: 44.241 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01MSD

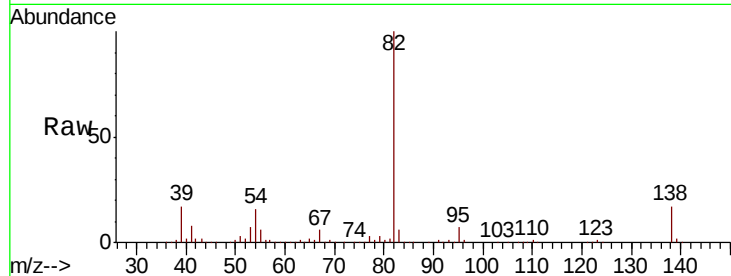
Tot Ion: 82 Resp: 669398

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

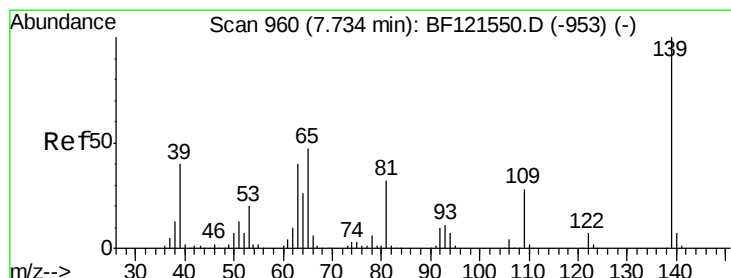
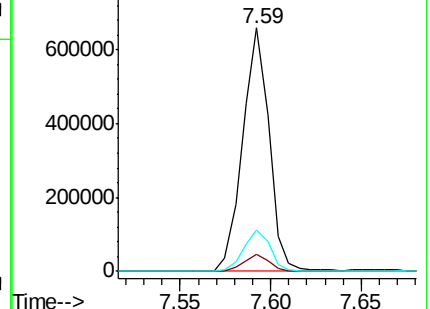
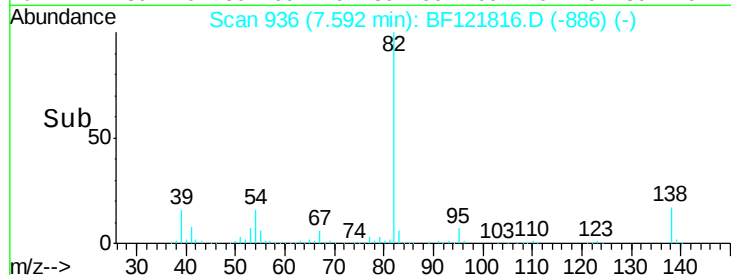
138 17.0 13.4 20.0



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: 46.100 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

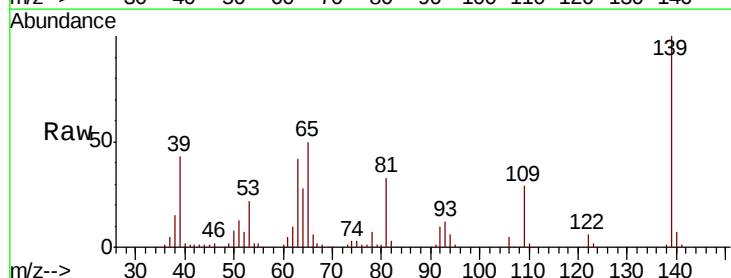
Tgt Ion: 139 Resp: 176020

Ion Ratio Lower Upper

139 100

109 29.0 23.0 34.4

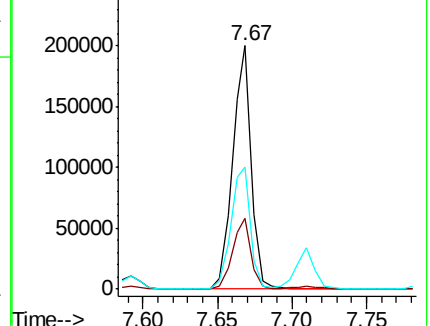
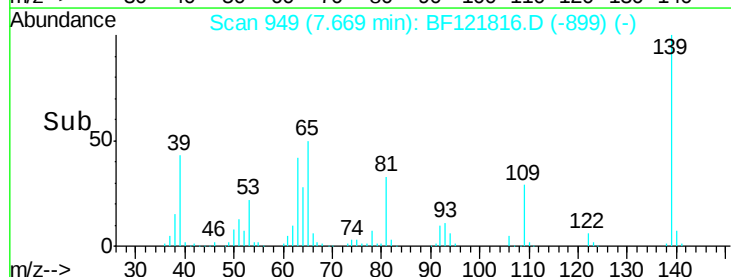
65 50.0 39.9 59.9

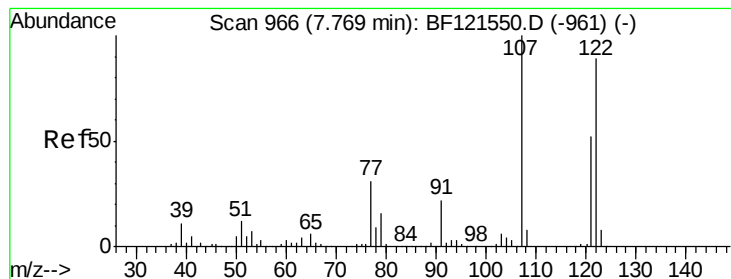


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.514 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01MSD

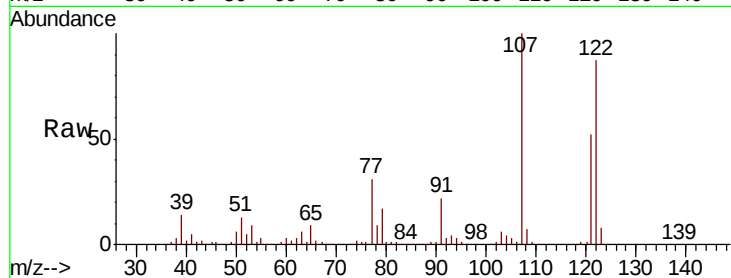
Tot Ion:122 Resp: 293896

Ion Ratio Lower Upper

122 100

107 114.8 90.8 136.2

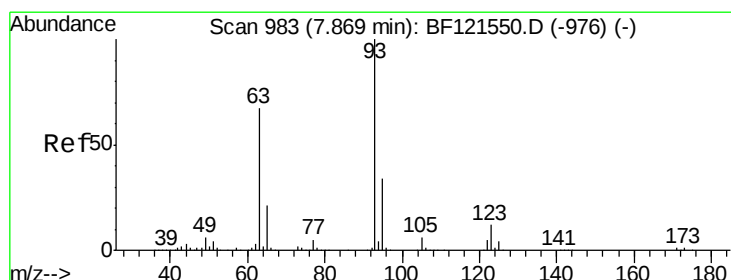
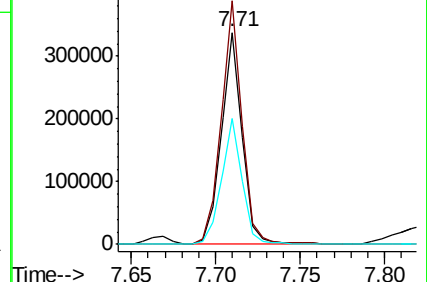
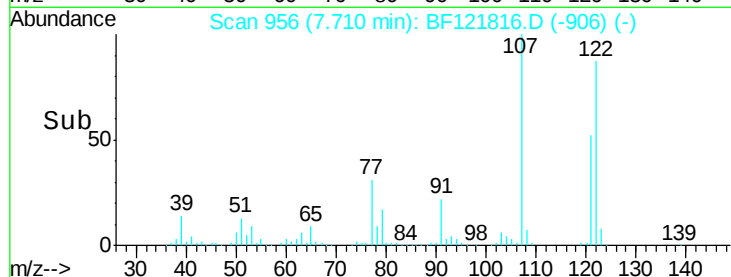
121 59.2 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.239 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

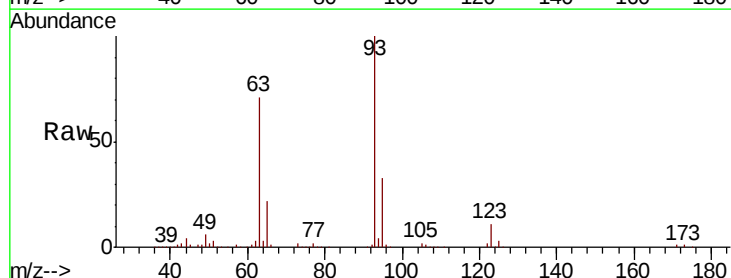
Tgt Ion: 93 Resp: 423753

Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

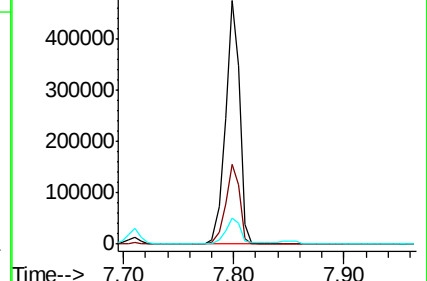
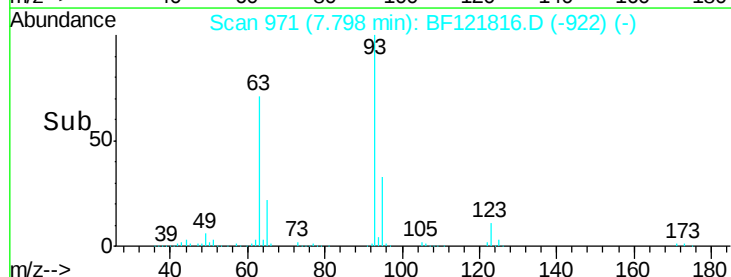
123 10.9 8.8 13.2

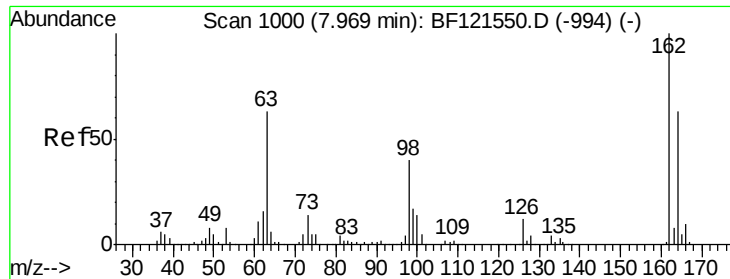


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

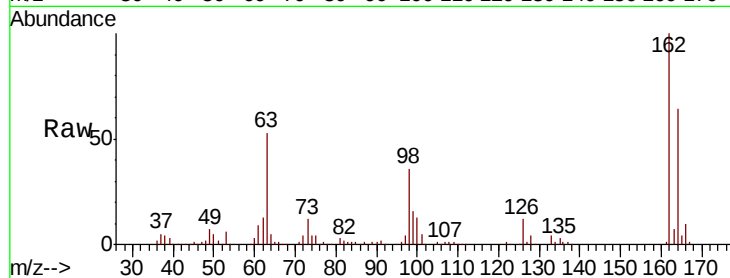




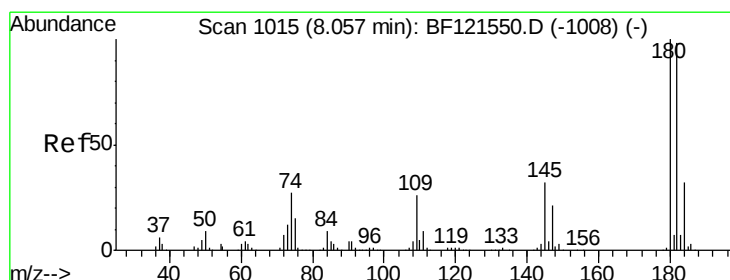
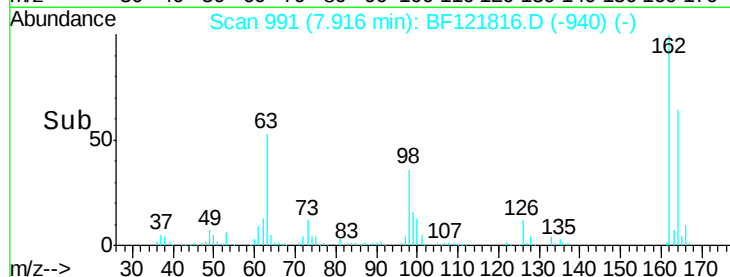
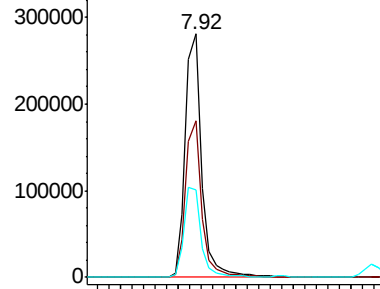
#29
2,4-Dichlorophenol
Concen: 45.501 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.5	82.5
98	35.8	20.1	60.1

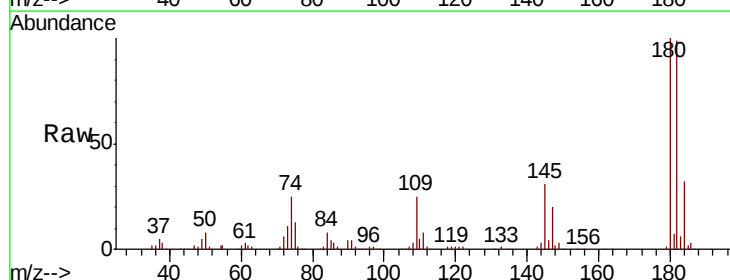


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

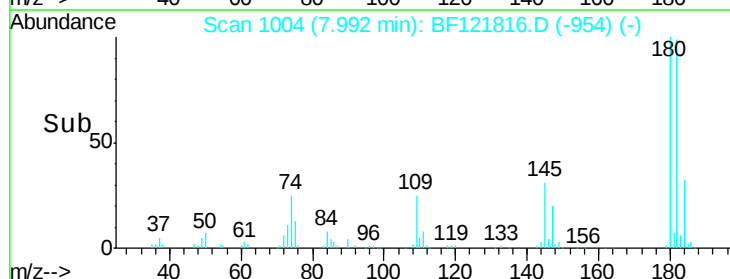
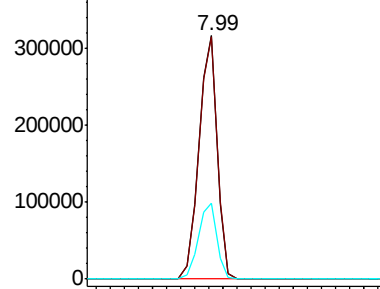


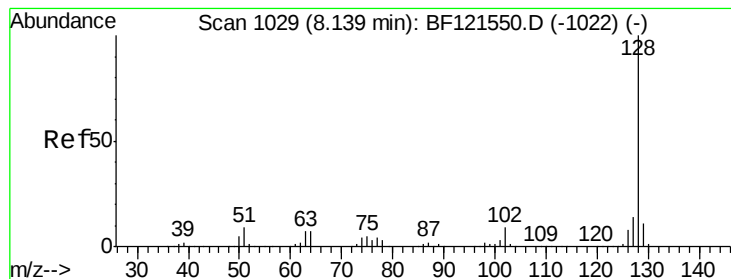
#30
1,2,4-Trichlorobenzene
Concen: 43.698 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.3	79.4	119.2
145	31.1	25.5	38.3



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





#31

Naphthalene

Concen: 44.116 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01MSD

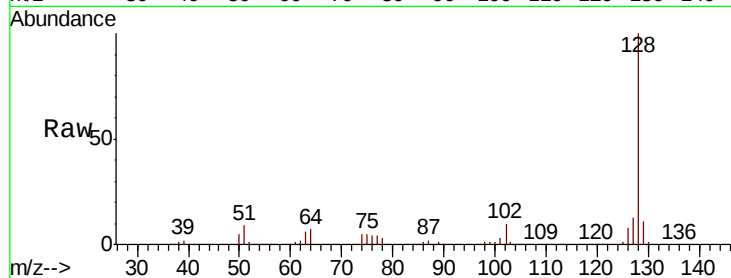
Tot Ion:128 Resp: 939847

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

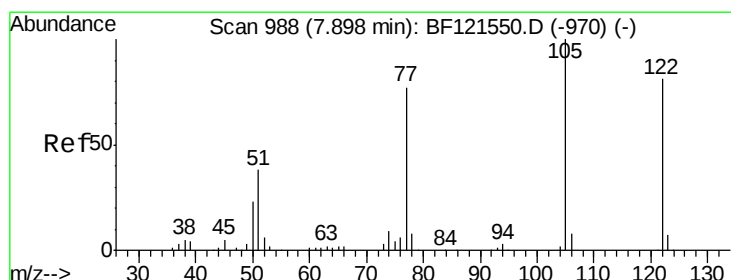
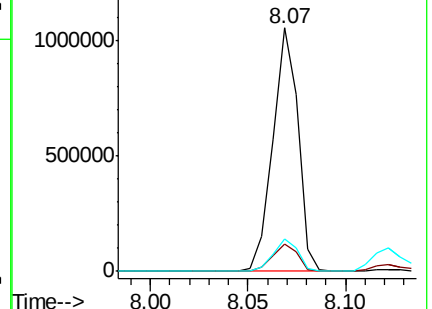
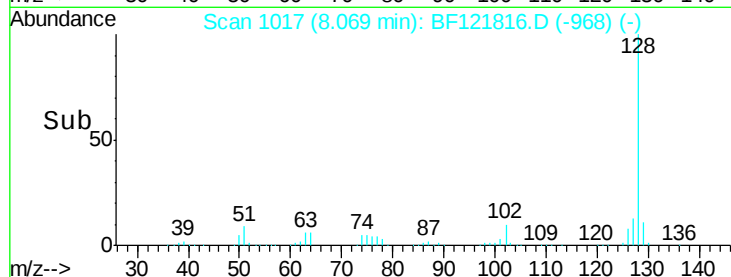
127 13.4 10.8 16.2



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: 34.427 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

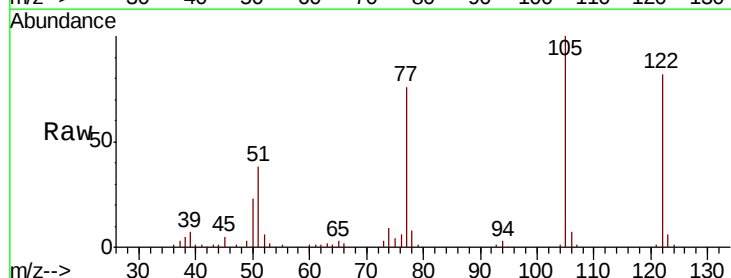
Tgt Ion:122 Resp: 161932

Ion Ratio Lower Upper

122 100

105 122.5 103.3 143.3

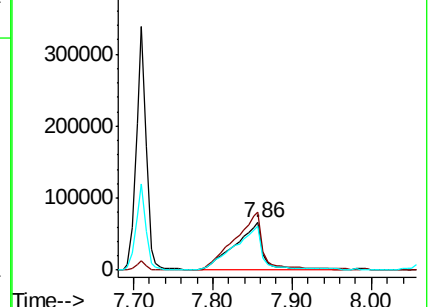
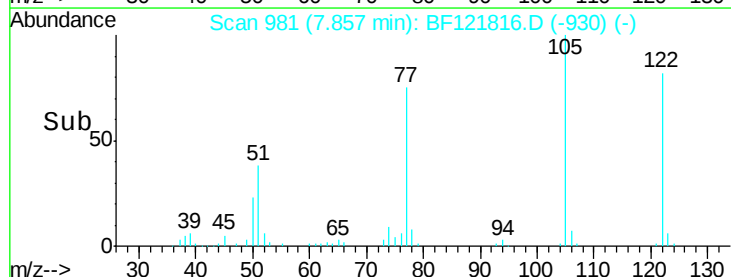
77 92.6 73.9 113.9



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

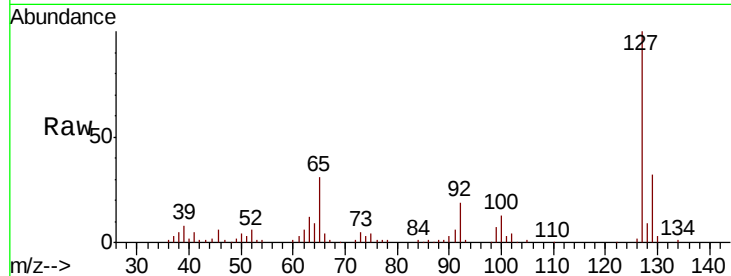




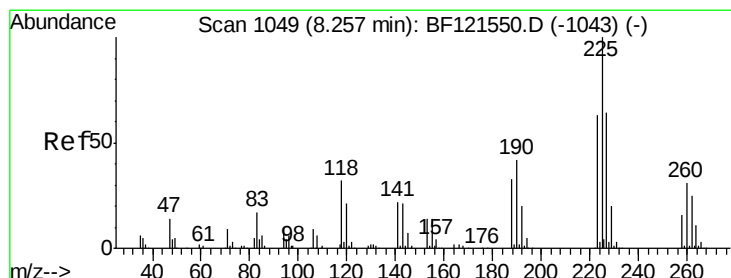
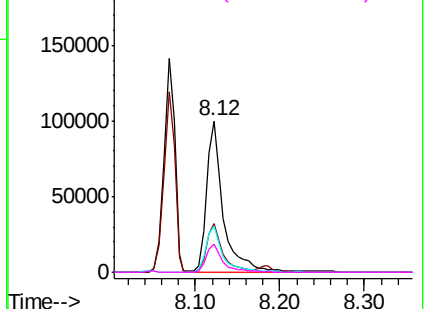
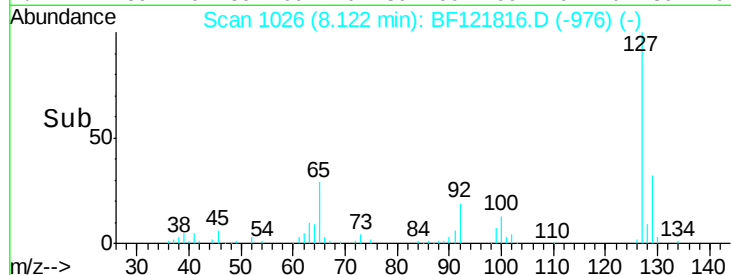
#33
4-Chloroaniline
Concen: 14.902 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion:	127	Resp:	137619
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	30.6	26.2	39.2
92	18.6	15.9	23.9

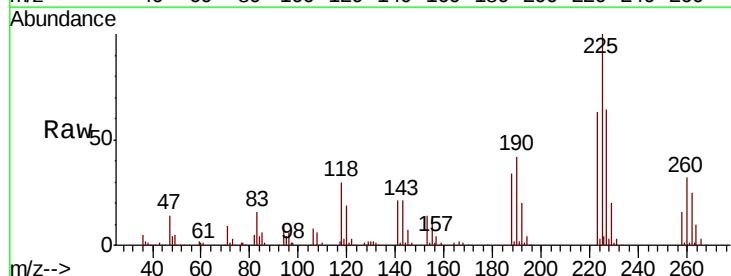


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

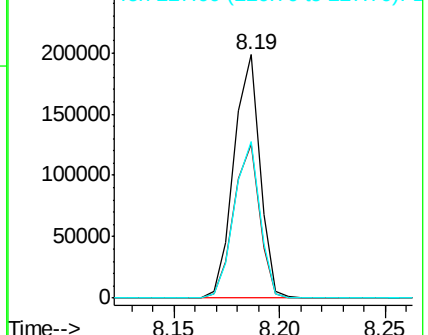
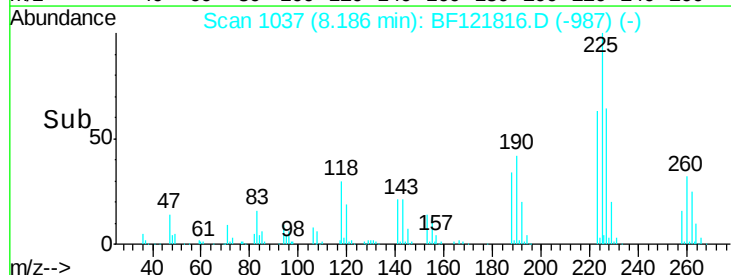


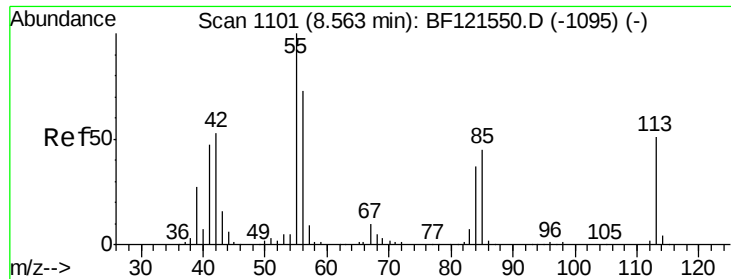
#34
Hexachlorobutadiene
Concen: 44.367 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion:	225	Resp:	168721
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.1	76.7
227	64.1	51.0	76.6



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

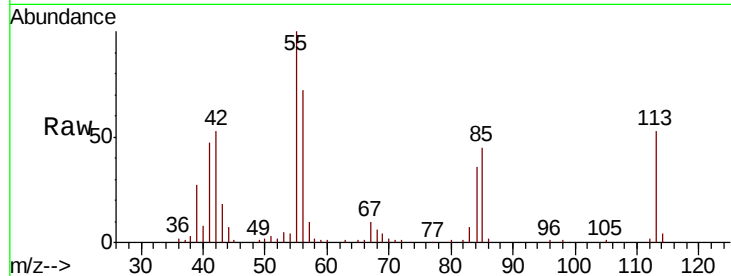




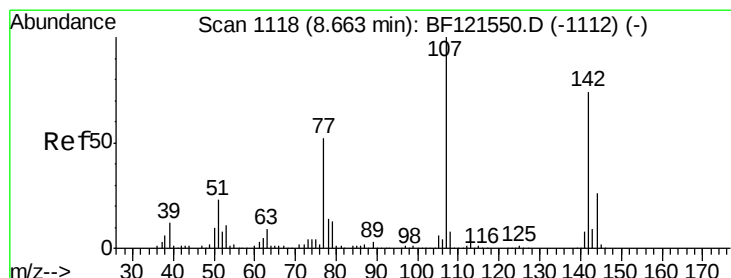
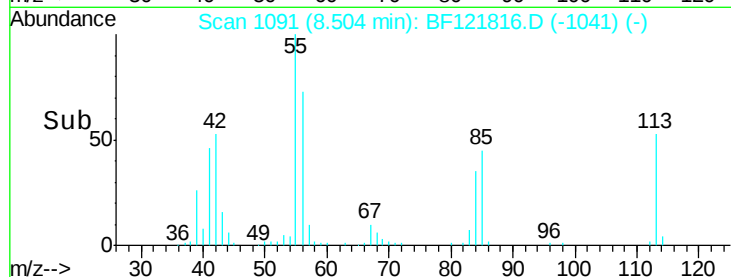
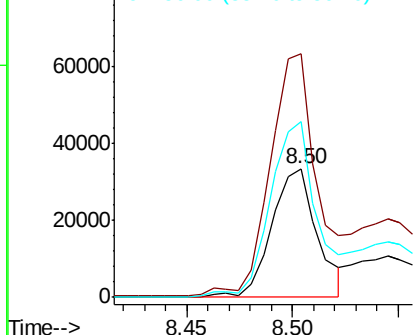
#35
Caprolactam
Concen: 24.495 ng
RT: 8.50 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion:113 Resp: 50179
Ion Ratio Lower Upper
113 100
55 189.2 167.5 207.5
56 137.0 121.2 161.2

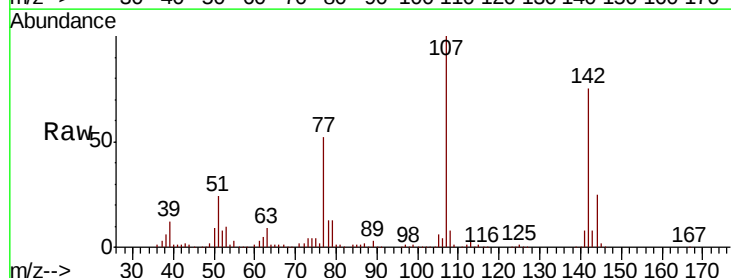


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

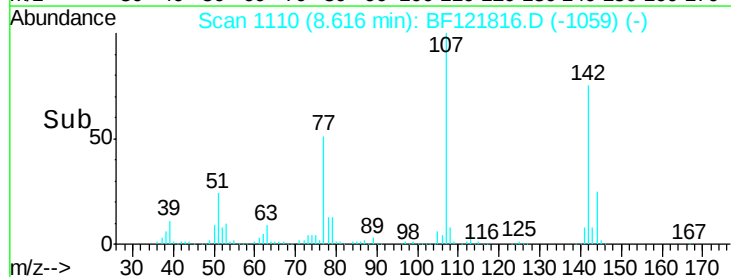
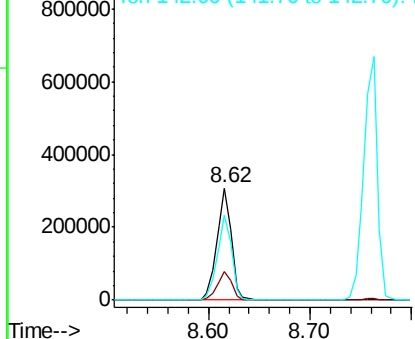


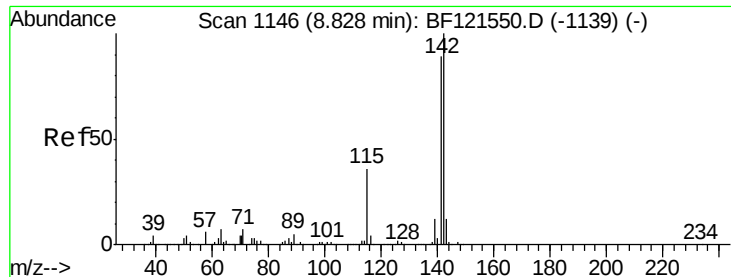
#36
4-Chloro-3-methylphenol
Concen: 45.806 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion:107 Resp: 303551
Ion Ratio Lower Upper
107 100
144 25.4 20.1 30.1
142 75.3 59.3 88.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

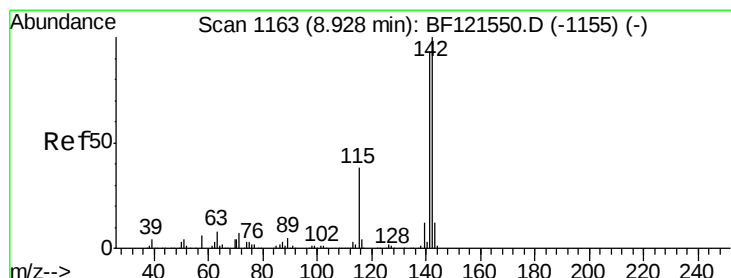
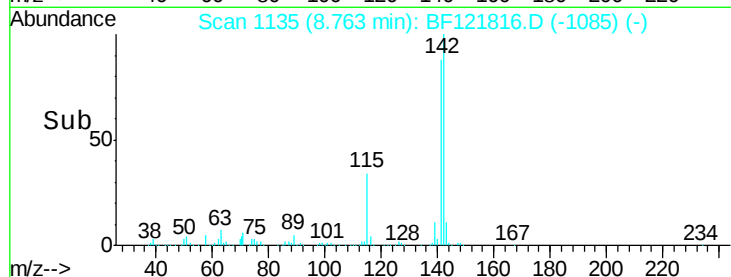
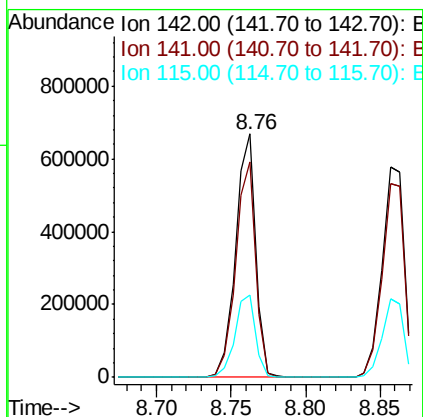
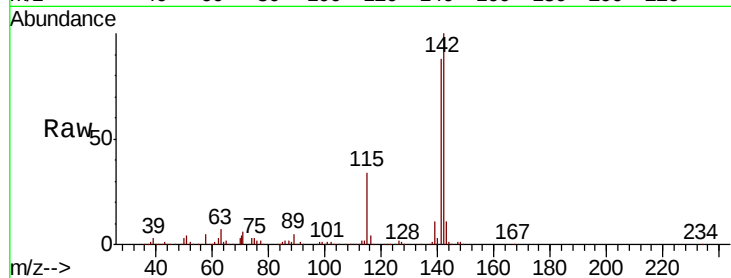




#37
2-Methylnaphthalene
Concen: 45.074 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

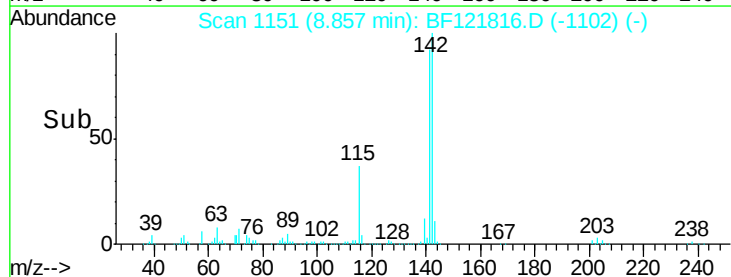
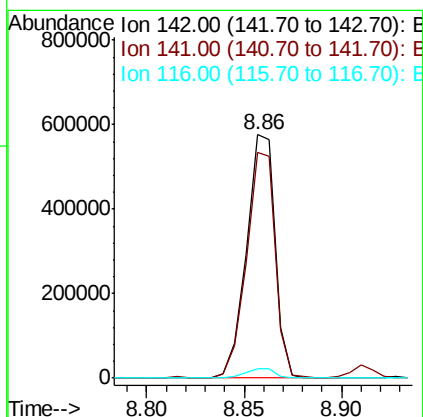
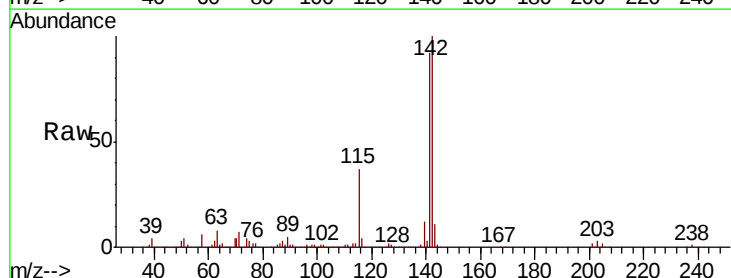
Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

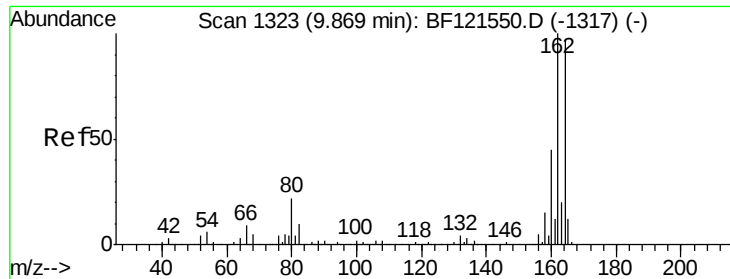
Tot Ion:142 Resp: 629288
Ion Ratio Lower Upper
142 100
141 88.3 70.2 105.4
115 33.8 28.6 43.0



#38
1-Methylnaphthalene
Concen: 44.936 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion:142 Resp: 583873
Ion Ratio Lower Upper
142 100
141 92.5 74.5 111.7
116 3.9 3.2 4.8

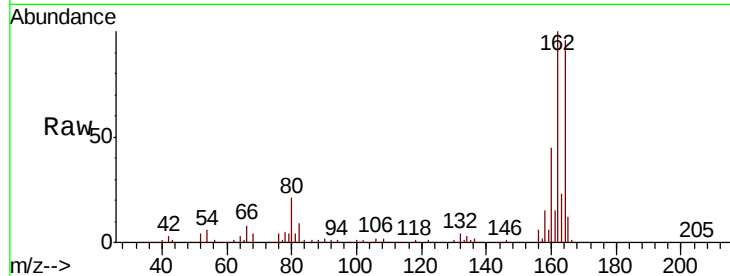




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.2	124.8
160	46.5	37.5	56.3

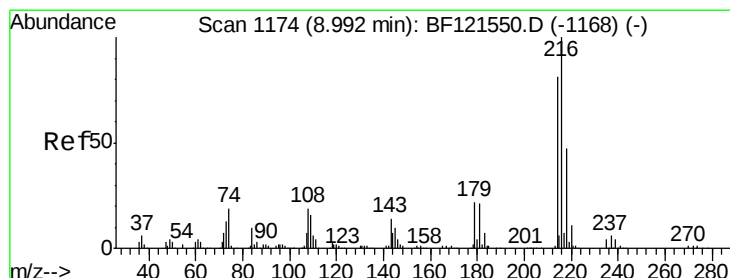
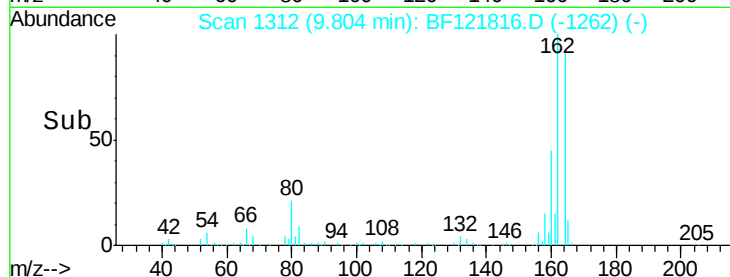
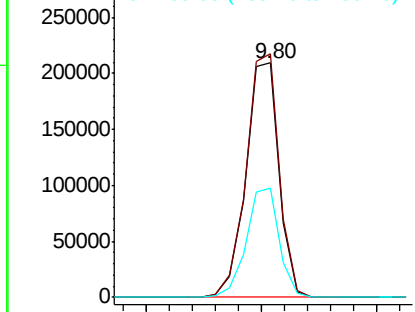


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.026 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.4	95.2
179	20.7	17.0	25.6
108	20.4	15.5	23.3

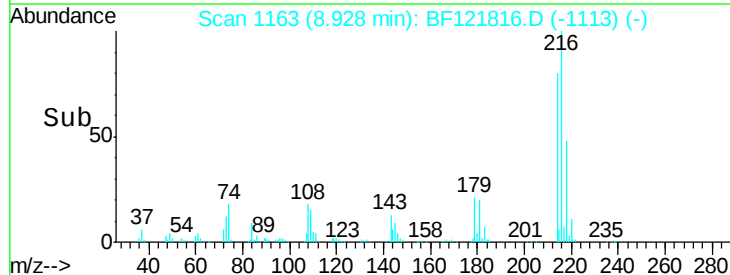
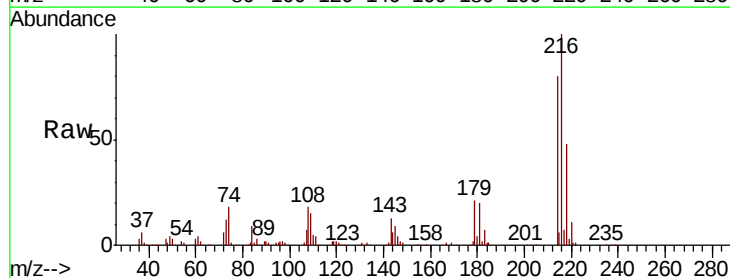
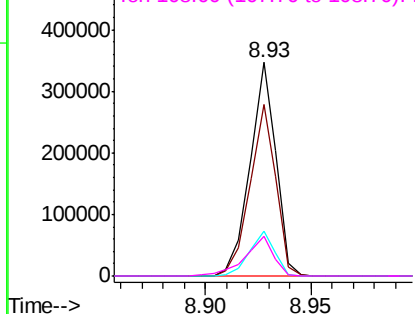
Abundance

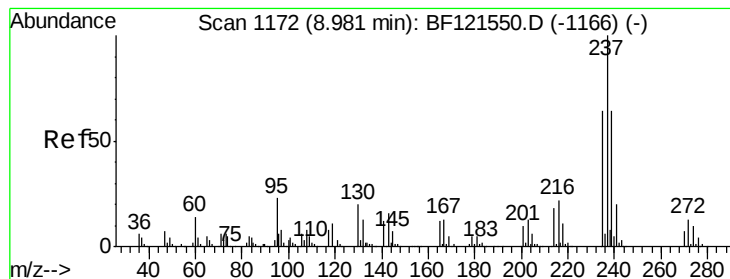
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 52.299 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01MSD

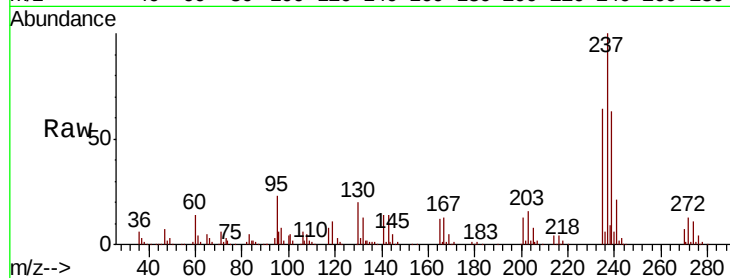
Tot Ion:237 Resp: 195872

Ion Ratio Lower Upper

237 100

235 63.5 41.8 81.8

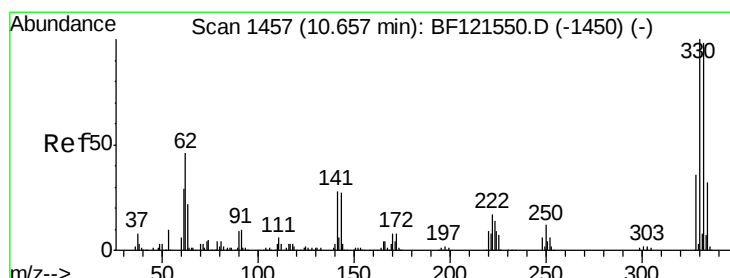
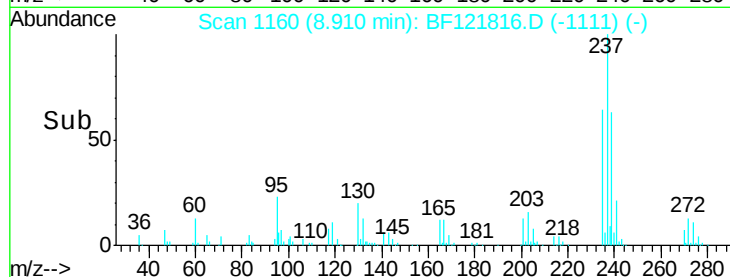
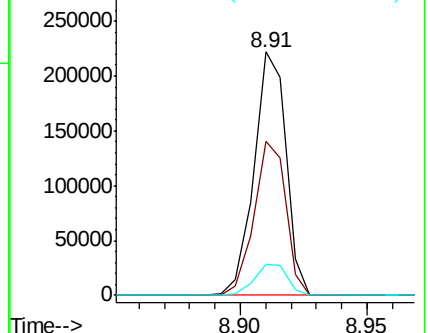
272 12.7 0.0 33.5



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: 134.549 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

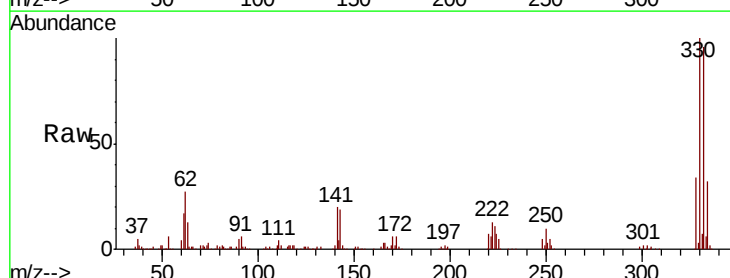
Tgt Ion:330 Resp: 351094

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

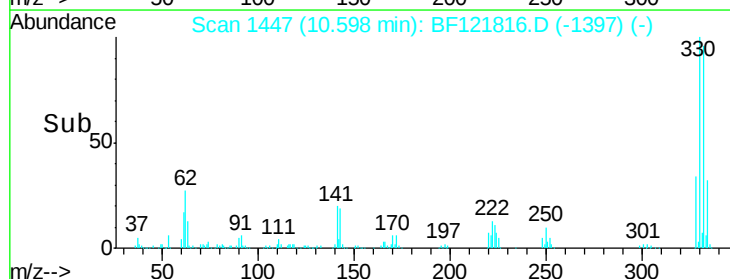
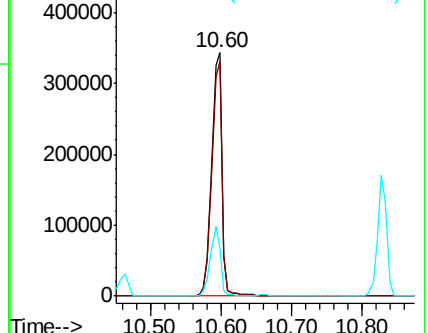
141 27.6 22.3 33.5



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

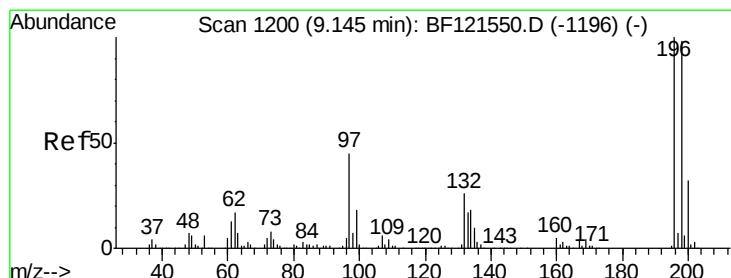
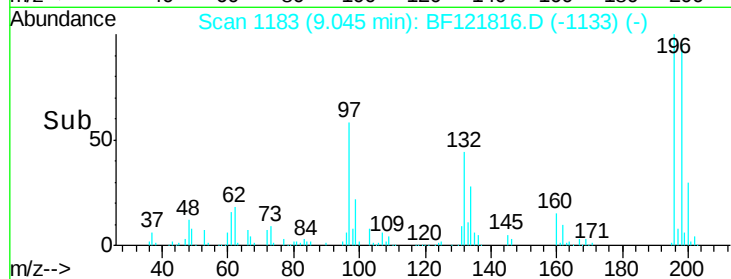
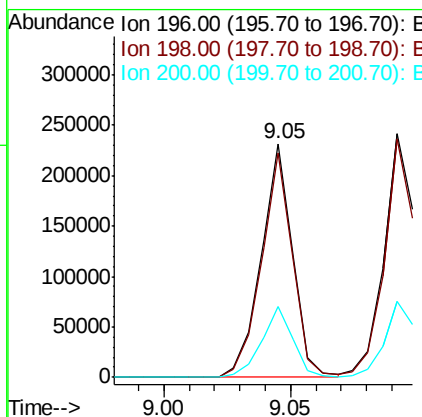
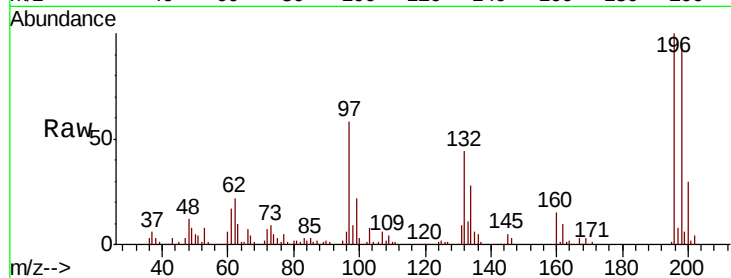




#43
 2,4,6-Trichlorophenol
 Concen: 44.901 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

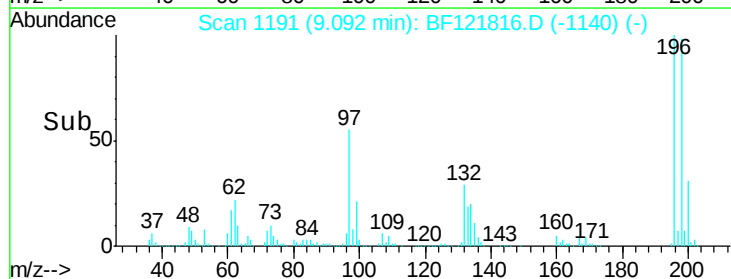
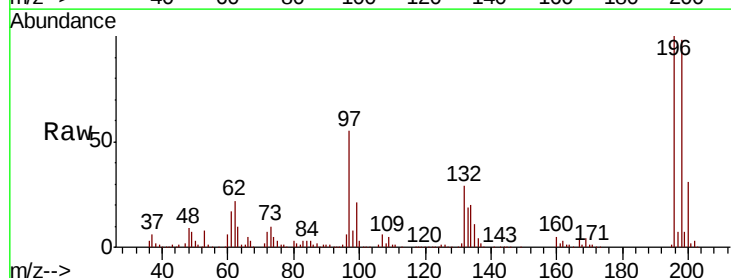
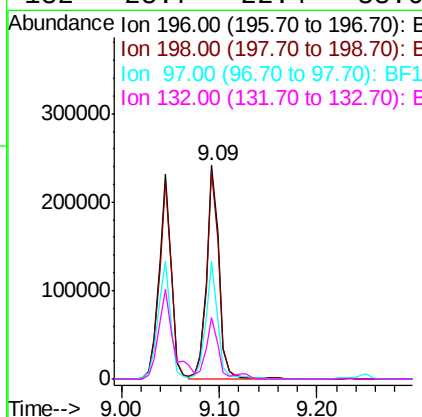
Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MSD

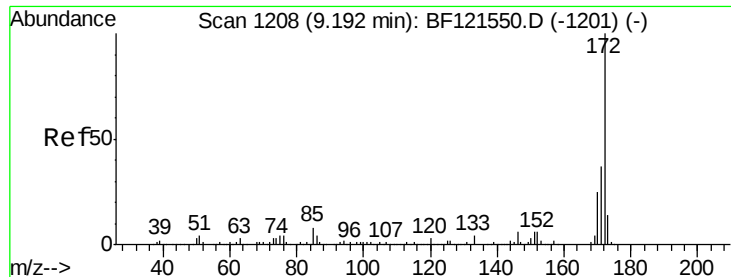
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.8	113.6
200	30.4	24.6	36.8



#44
 2,4,5-Trichlorophenol
 Concen: 45.162 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	76.1	114.1
97	55.3	41.0	61.6
132	28.7	22.4	33.6

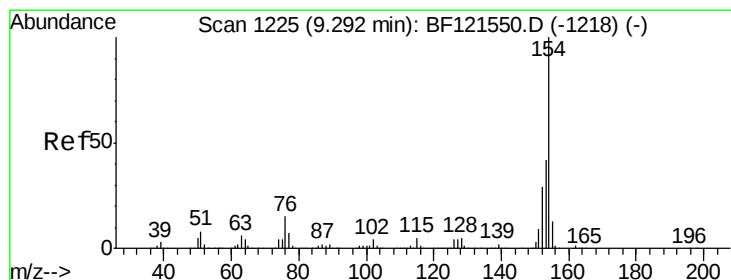
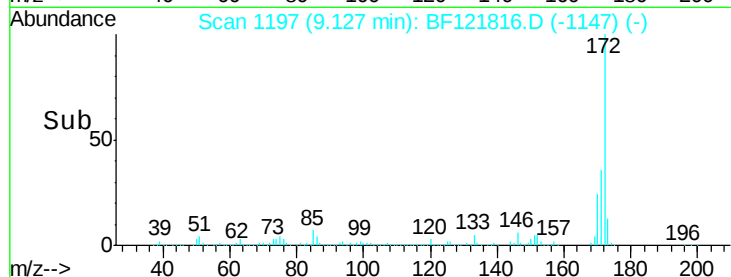
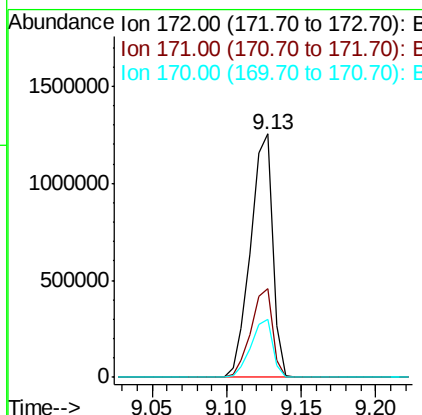
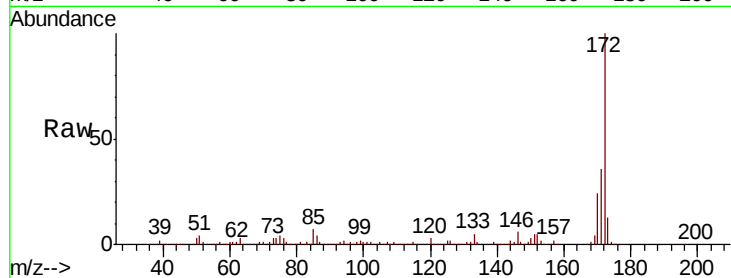




#45
2-Fluorobiphenyl
Concen: 92.324 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

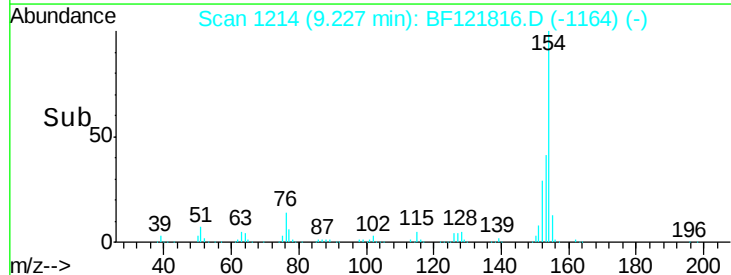
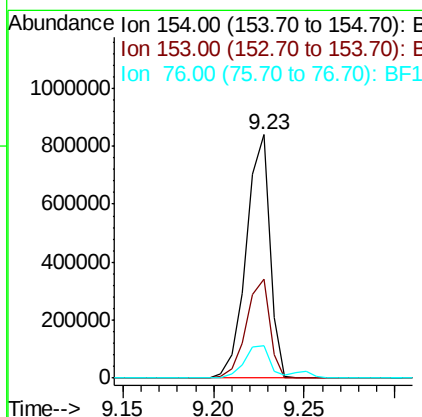
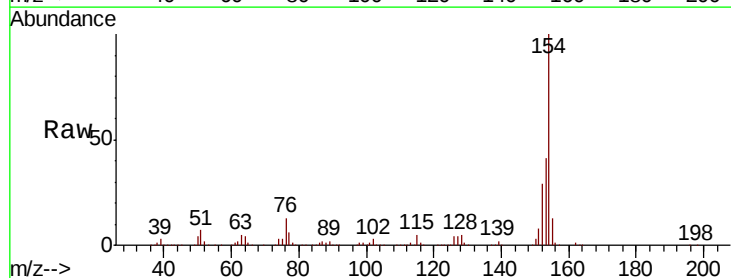
Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

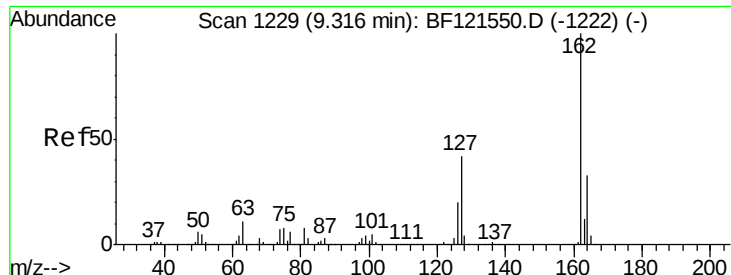
Tot Ion:172 Resp: 1279843
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 24.1 19.8 29.6



#46
1,1'-Biphenyl
Concen: 45.162 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion:154 Resp: 759082
Ion Ratio Lower Upper
154 100
153 40.6 21.3 61.3
76 13.5 0.0 34.7

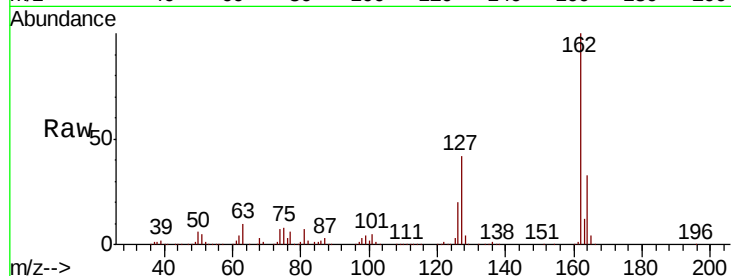




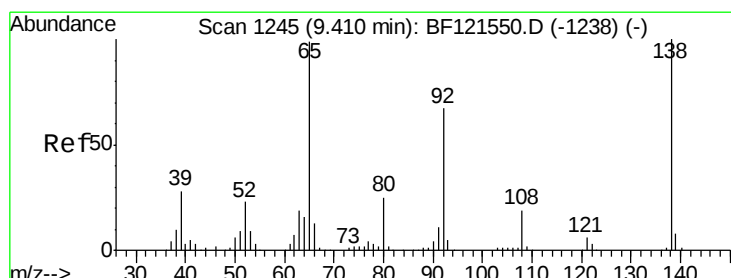
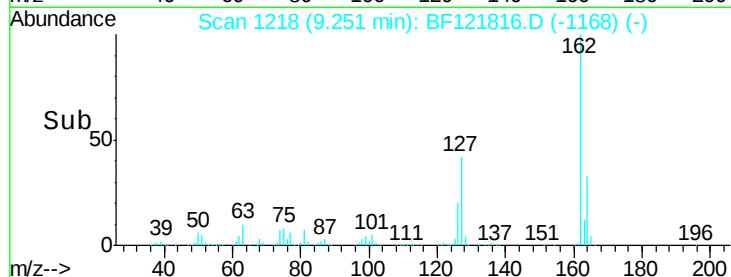
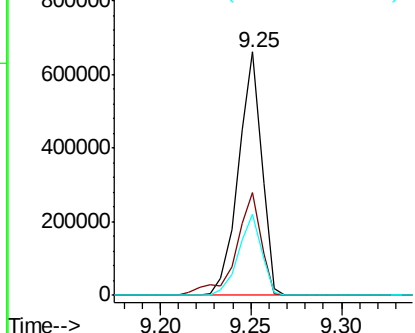
#47
 2-Chloronaphthalene
 Concen: 44.319 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	34.4	51.6
164	33.4	26.3	39.5

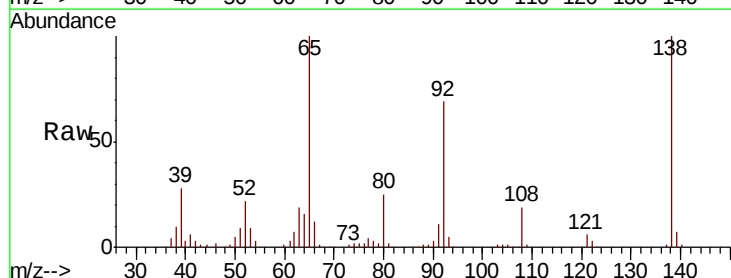


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

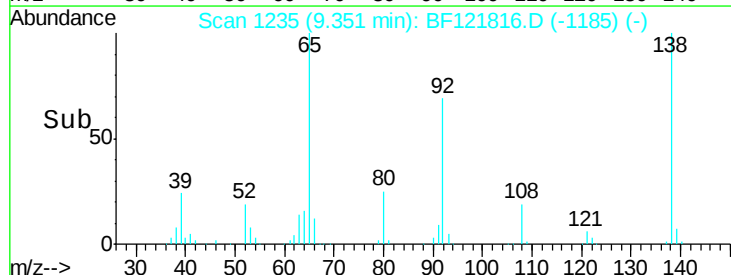
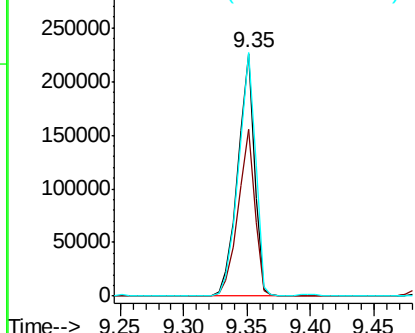


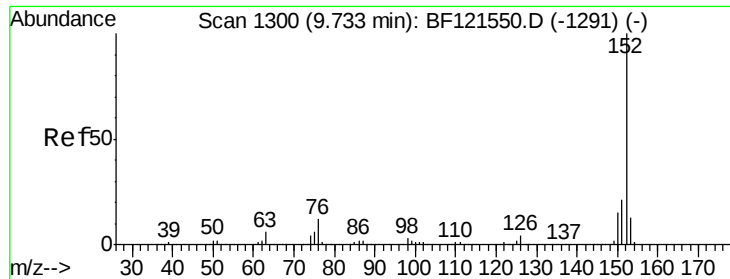
#48
 2-Nitroaniline
 Concen: 49.815 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.0	55.1	82.7
138	100.3	80.5	120.7



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





#49

Acenaphthylene

Concen: 45.425 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01MSD

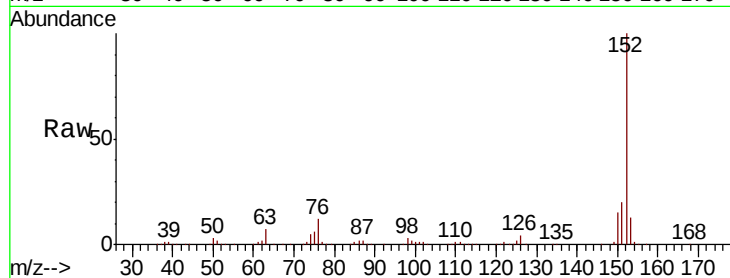
Tot Ion:152 Resp: 924445

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

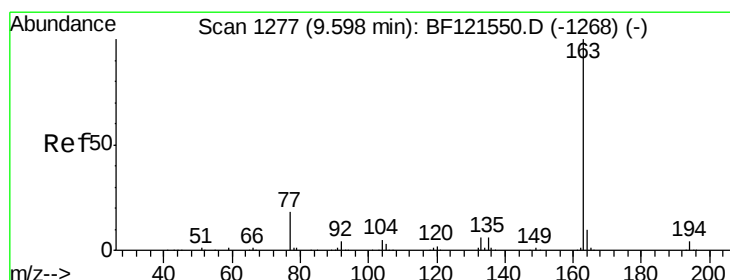
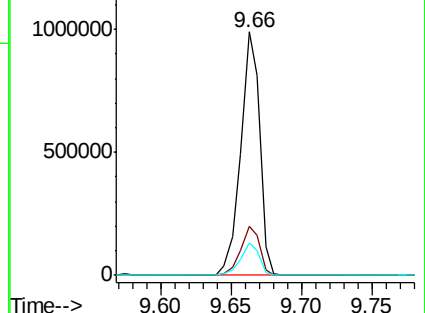
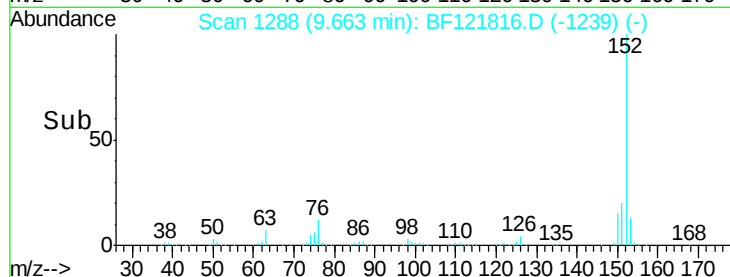
153 13.5 10.6 15.8



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: 49.411 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

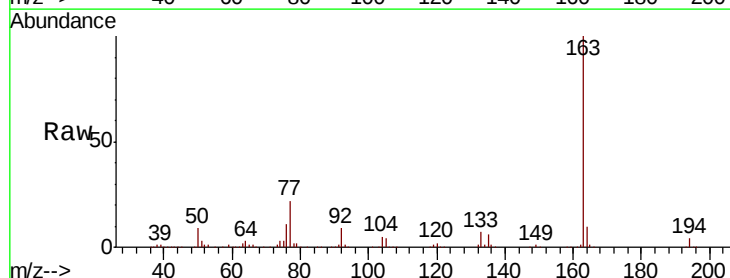
Tgt Ion:163 Resp: 751880

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

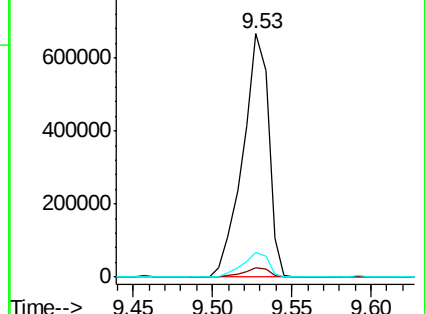
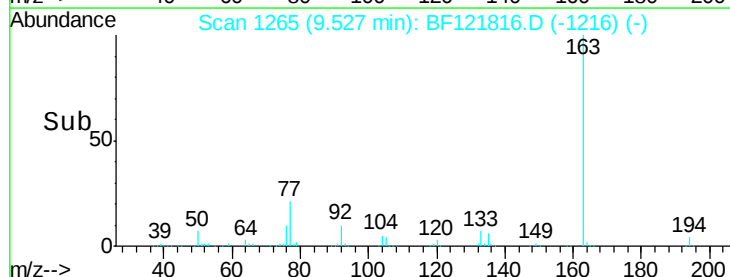
164 10.4 8.2 12.4

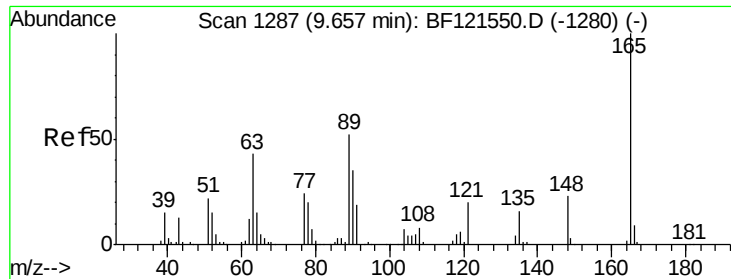


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

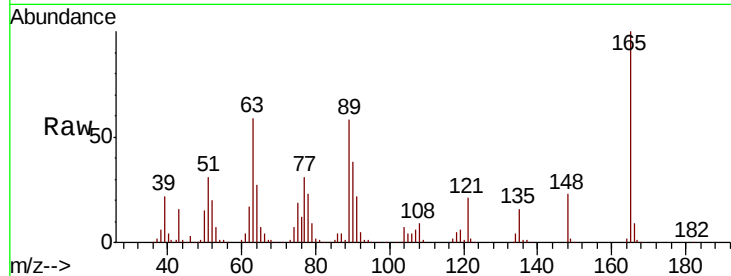




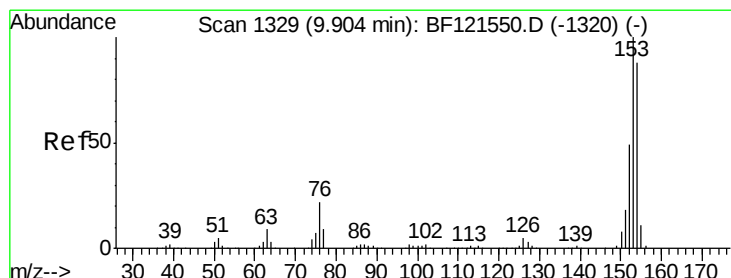
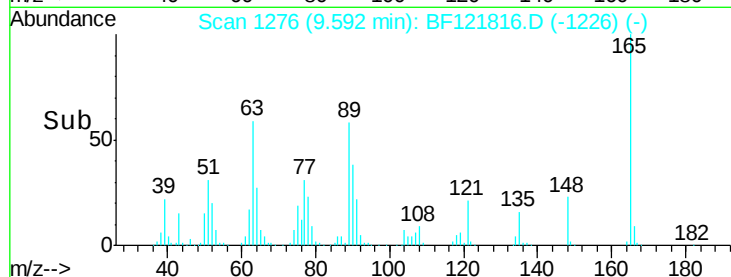
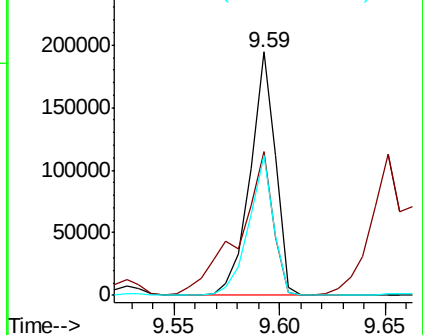
#51
 2,6-Dinitrotoluene
 Concen: 50.003 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.2	51.8	77.6
89	57.5	49.0	73.6

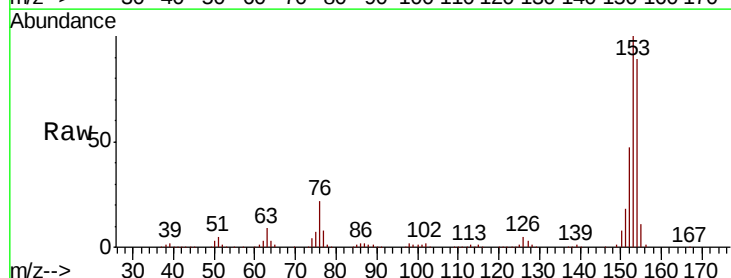


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

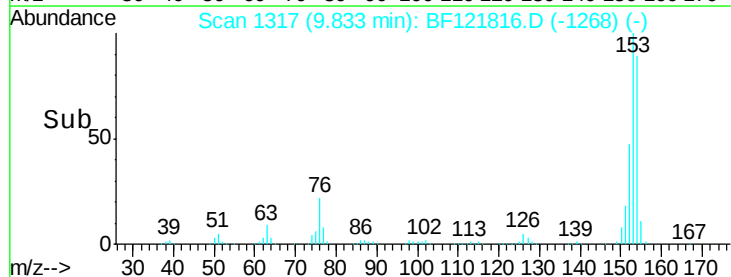
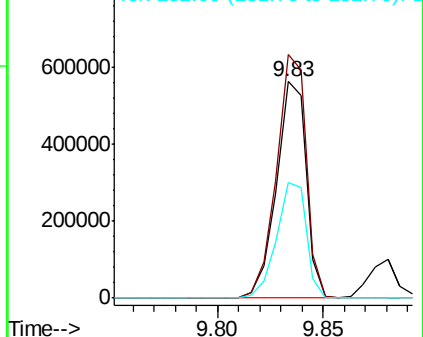


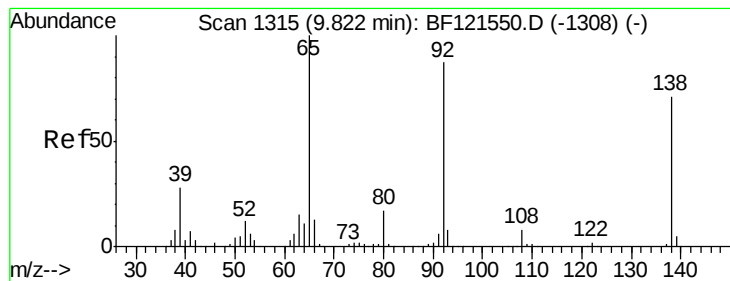
#52
 Acenaphthene
 Concen: 43.054 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.8	134.8
152	53.4	43.2	64.8



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





#53

3-Nitroaniline

Concen: 26.709 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01MSD

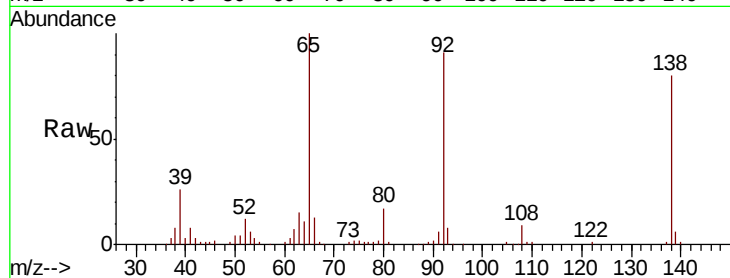
Tot Ion:138 Resp: 100269

Ion Ratio Lower Upper

138 100

108 11.1 8.6 13.0

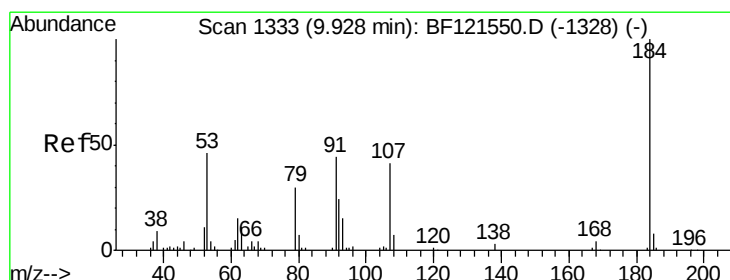
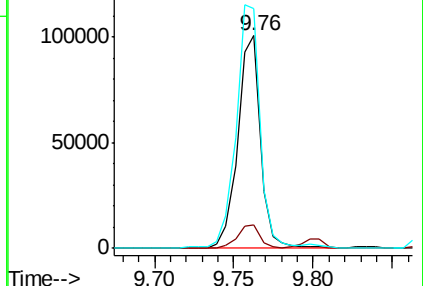
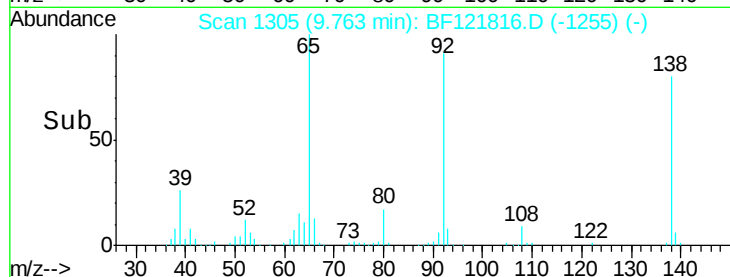
92 113.1 96.6 144.8



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: 88.473 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

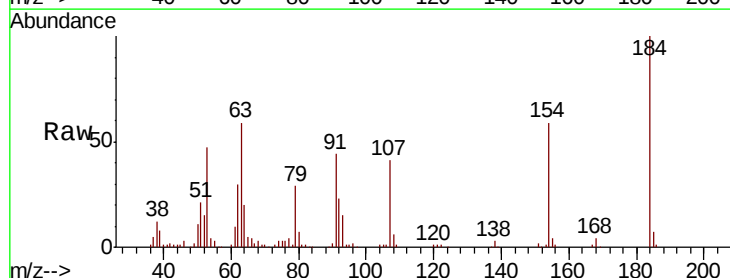
Tgt Ion:184 Resp: 167389

Ion Ratio Lower Upper

184 100

63 59.4 45.9 68.9

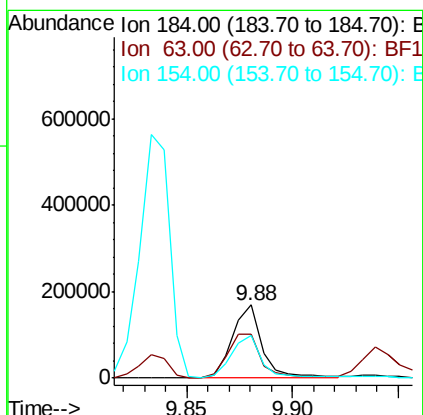
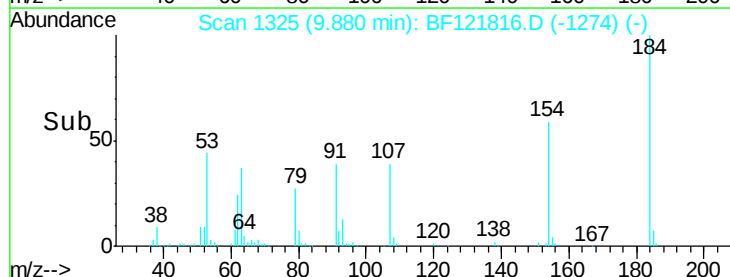
154 58.7 45.8 68.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

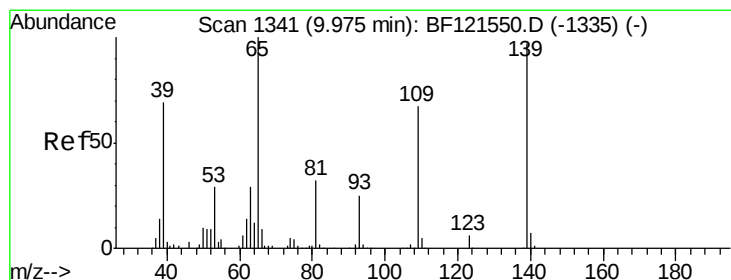
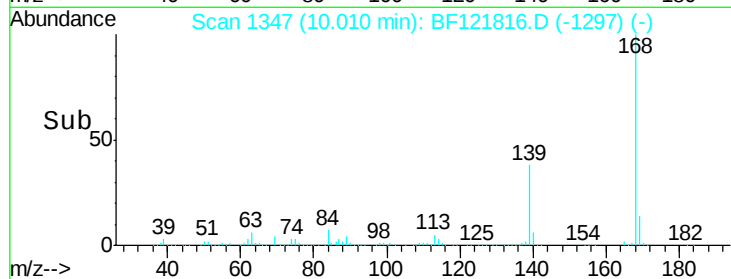
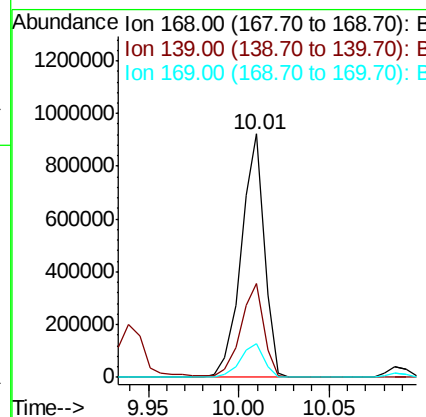
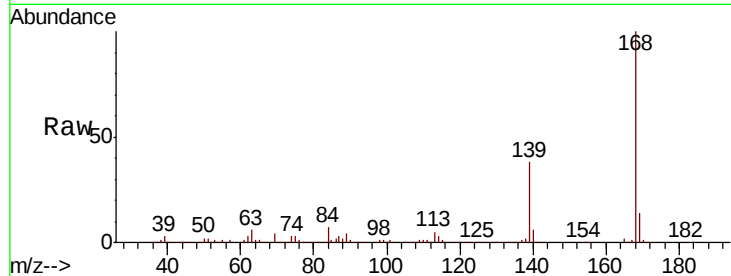




#55
Dibenzofuran
Concen: 44.878 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

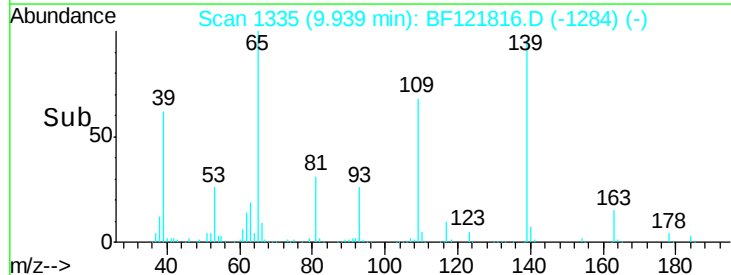
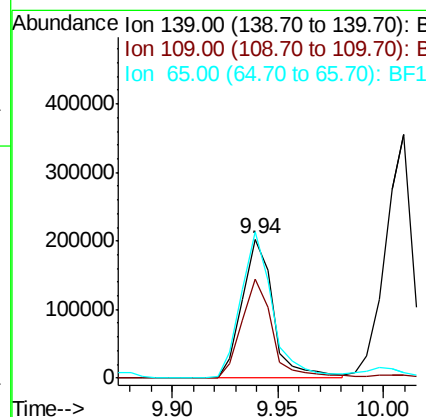
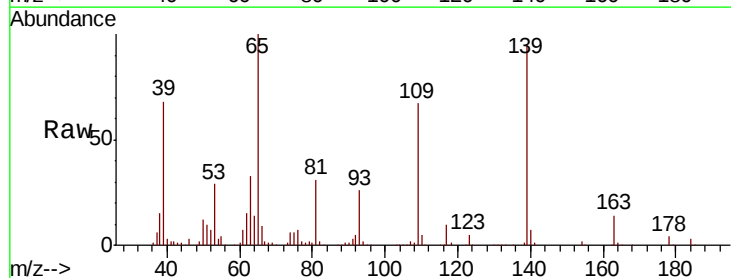
Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

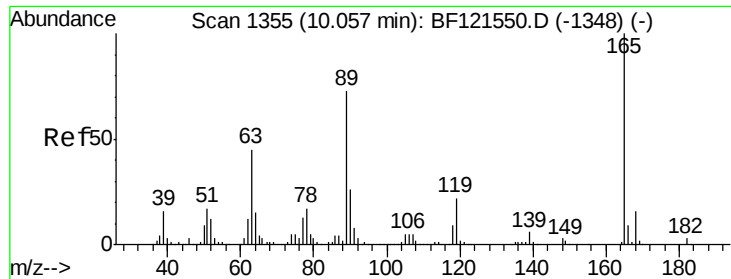
Tot Ion:168 Resp: 812360
Ion Ratio Lower Upper
168 100
139 38.5 31.0 46.6
169 14.0 11.3 16.9



#56
4-Nitrophenol
Concen: 69.737 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion:139 Resp: 208788
Ion Ratio Lower Upper
139 100
109 70.9 45.4 85.4
65 105.5 68.4 108.4

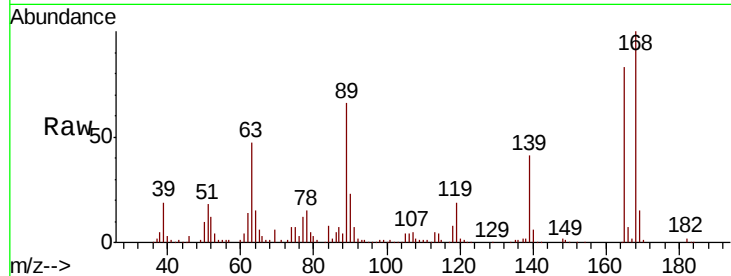




#57
 2,4-Dinitrotoluene
 Concen: 51.377 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.0	41.3	61.9
89	79.3	61.8	92.8
182	2.9	2.1	3.1

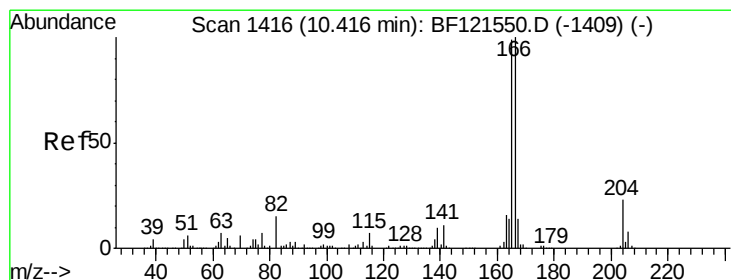
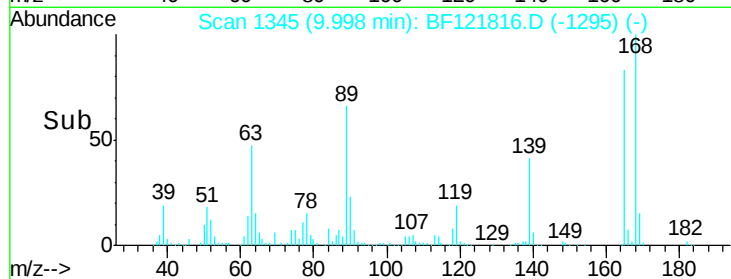
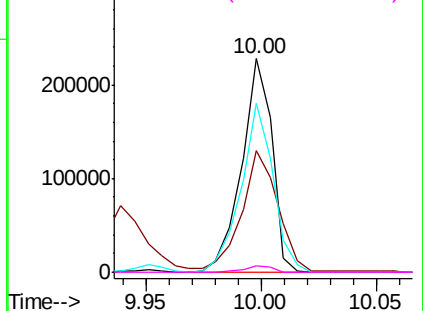


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

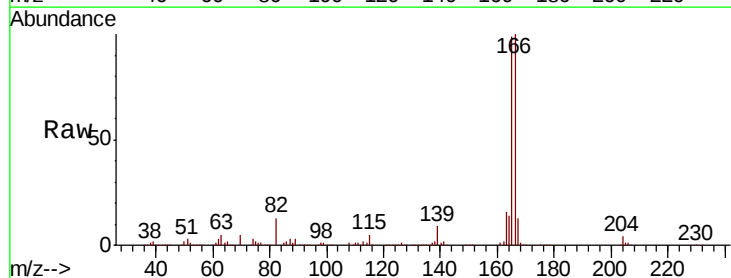
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 47.199 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

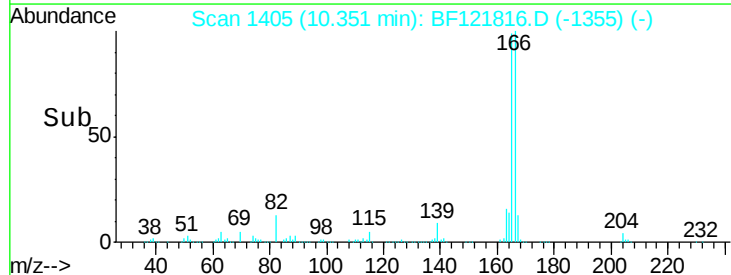
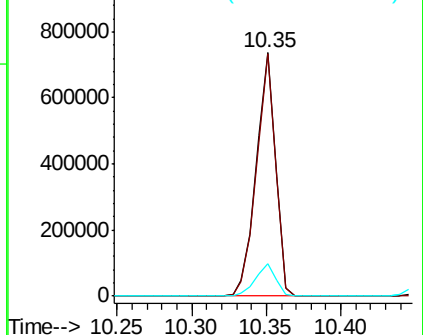
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.1	118.7
167	13.5	11.0	16.6



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

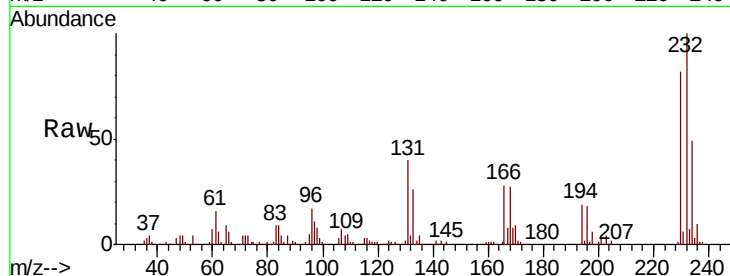




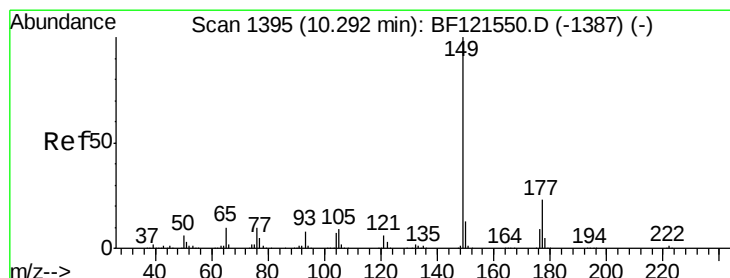
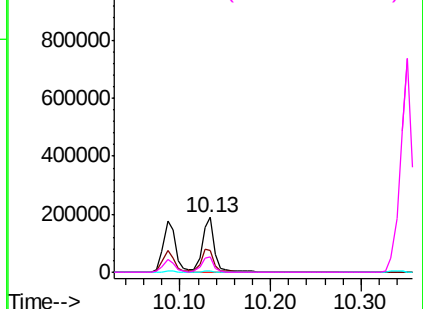
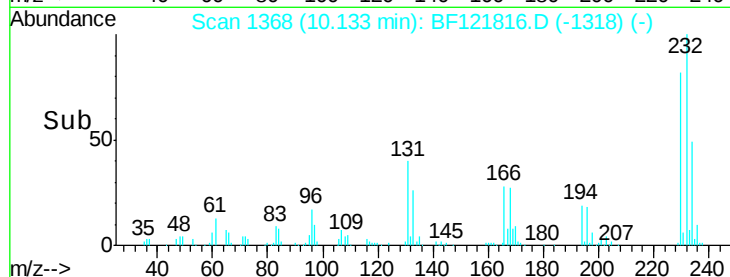
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.092 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MSD

Tot Ion:232 Resp: 180919
 Ion Ratio Lower Upper
 232 100
 131 44.7 35.9 53.9
 130 2.1 1.8 2.6
 166 28.7 23.5 35.3

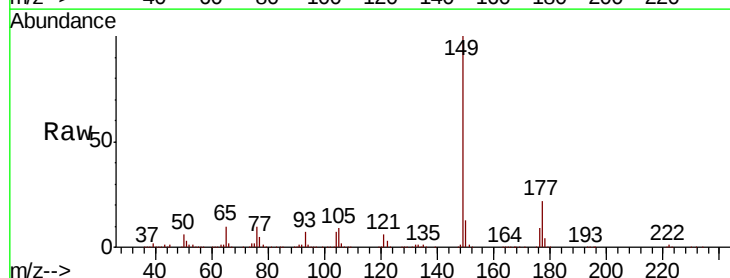


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

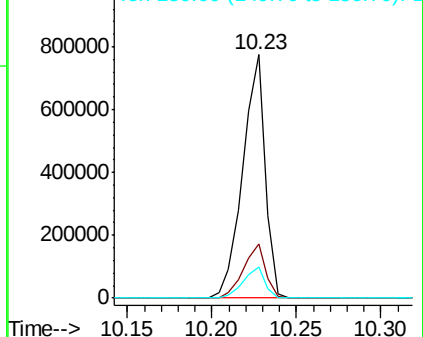
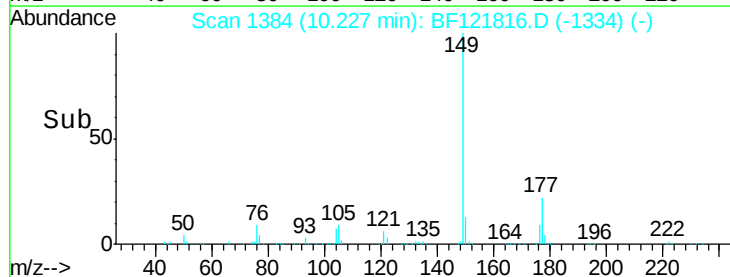


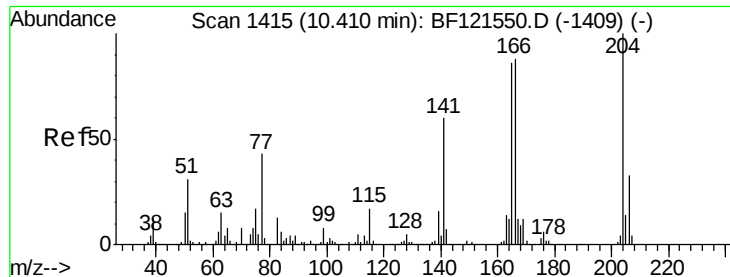
#60
 Diethylphthalate
 Concen: 48.543 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Tgt Ion:149 Resp: 720199
 Ion Ratio Lower Upper
 149 100
 177 22.4 18.1 27.1
 150 12.6 10.3 15.5



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

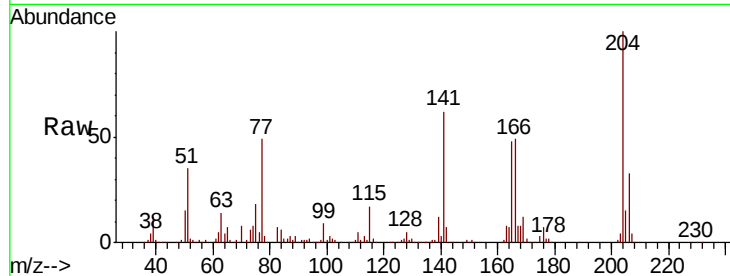




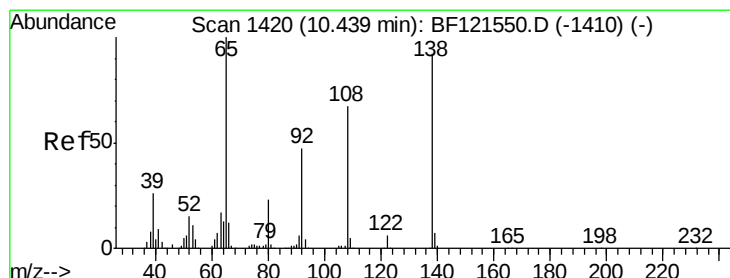
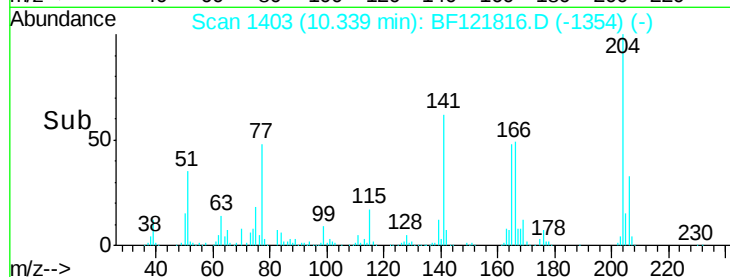
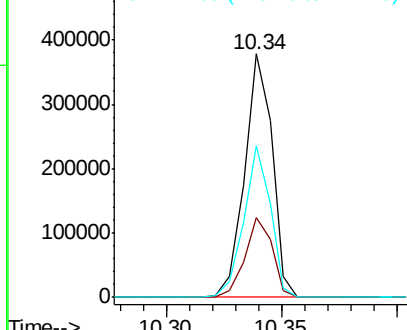
#61
4-Chlorophenyl-phenylether
Concen: 47.663 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion:204 Resp: 316061
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 62.2 46.2 69.4

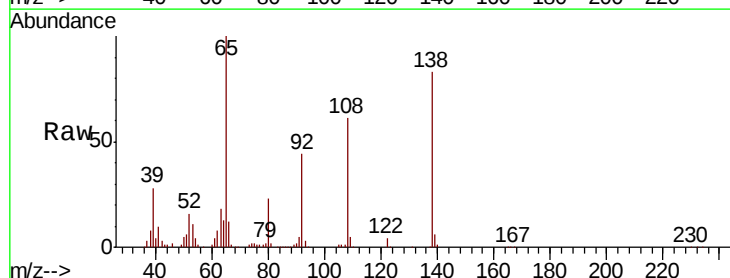


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

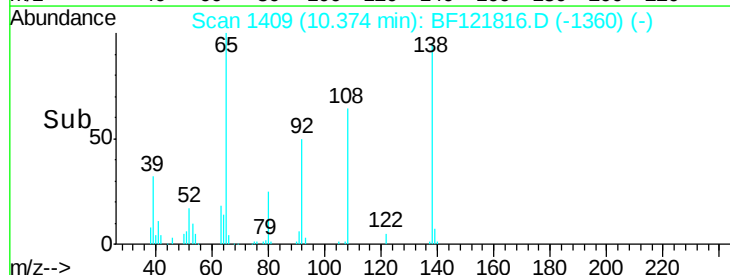
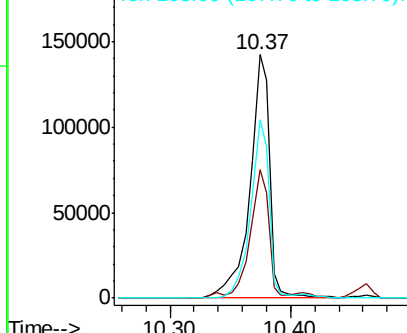


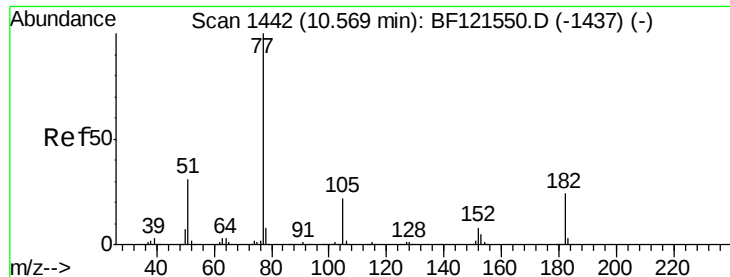
#62
4-Nitroaniline
Concen: 43.904 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion:138 Resp: 163652
Ion Ratio Lower Upper
138 100
92 52.8 31.0 71.0
108 73.3 51.5 91.5



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





#63

Azobenzene

Concen: 46.420 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01MSD

Tot Ion: 77 Resp: 733411

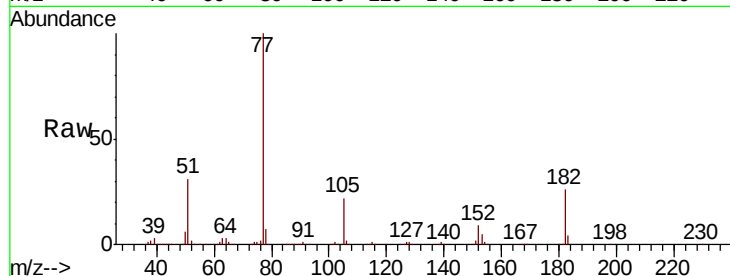
Ion Ratio Lower Upper

77 100

182 26.4 3.4 43.4

105 21.8 1.7 41.7

51 30.5 11.6 51.6

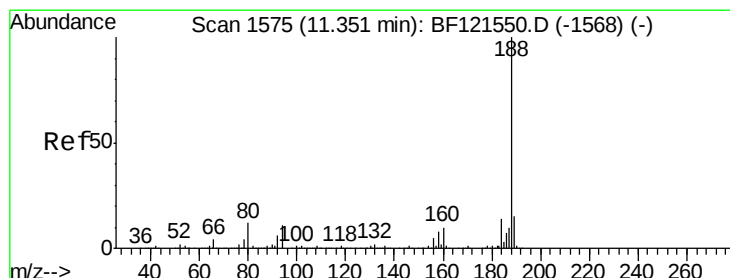
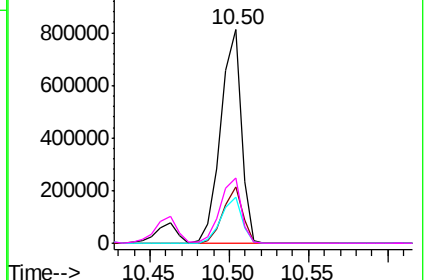
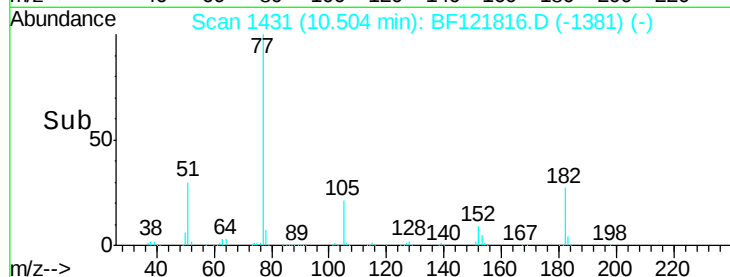


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

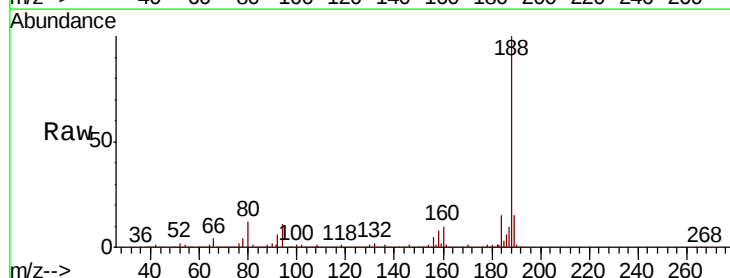
Tgt Ion: 188 Resp: 407106

Ion Ratio Lower Upper

188 100

94 10.6 8.3 12.5

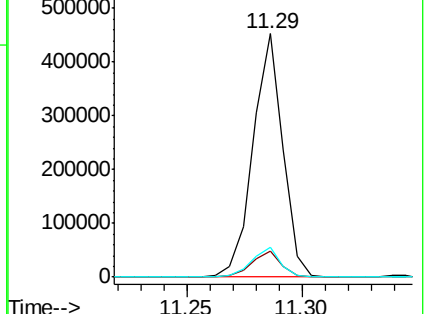
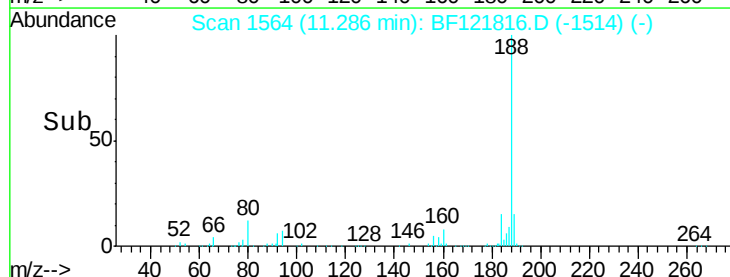
80 12.0 9.1 13.7

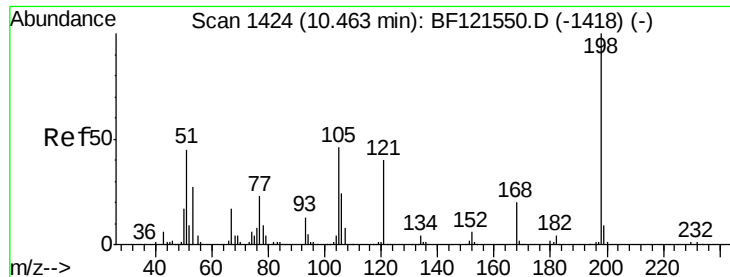


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 48.219 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01MSD

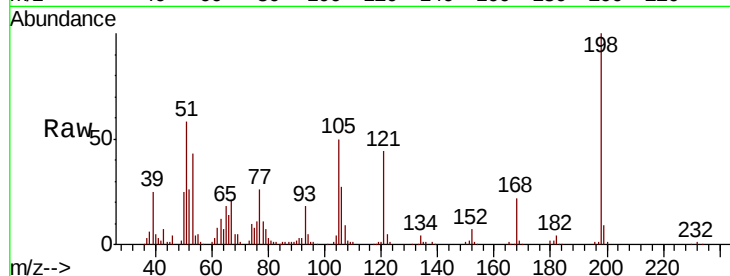
Tot Ion:198 Resp: 120551

Ion Ratio Lower Upper

198 100

51 57.9 29.6 69.6

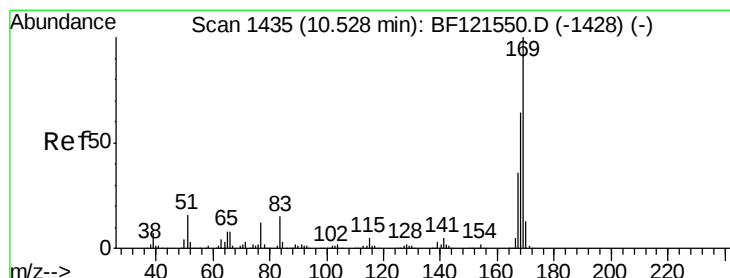
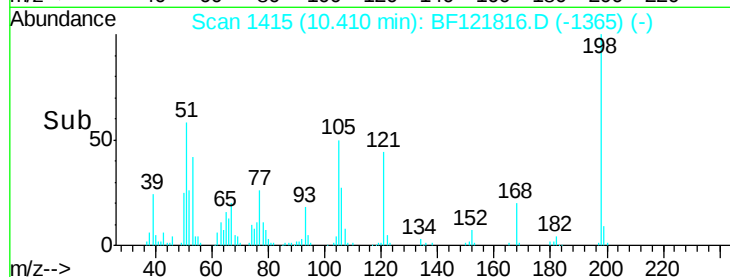
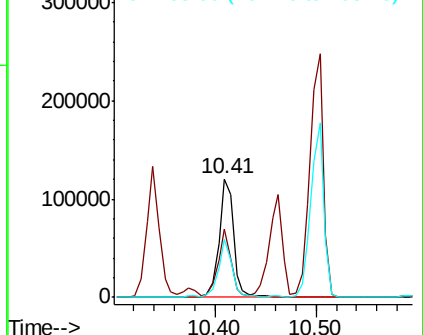
105 49.6 24.4 64.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.782 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

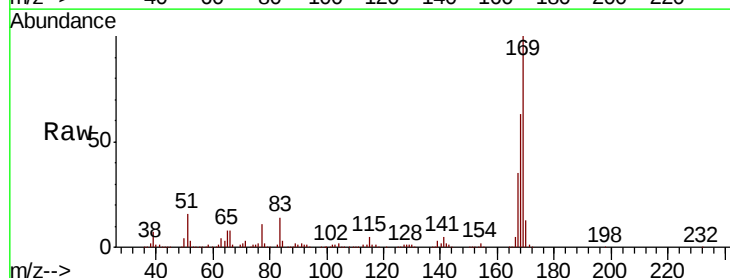
Tgt Ion:169 Resp: 625470

Ion Ratio Lower Upper

169 100

168 62.5 50.0 75.0

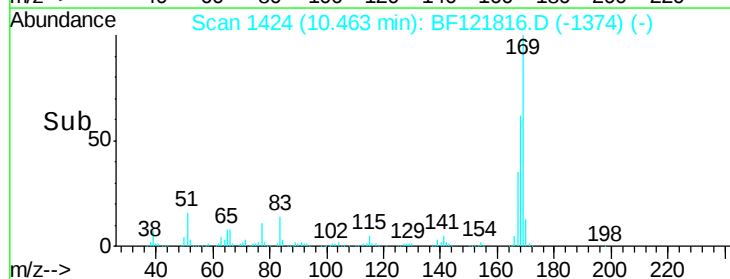
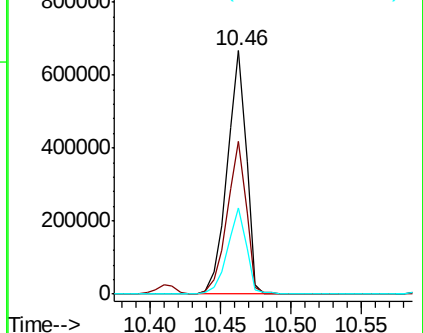
167 35.2 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

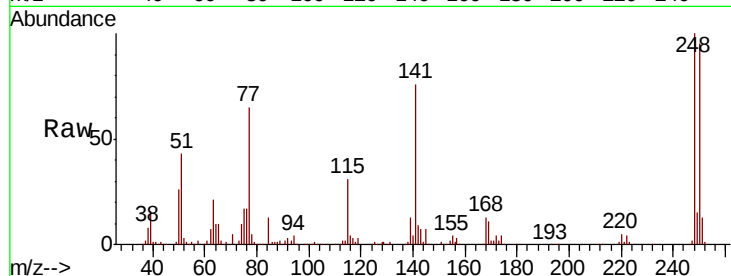




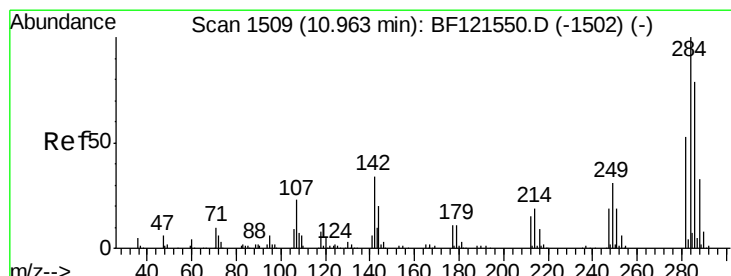
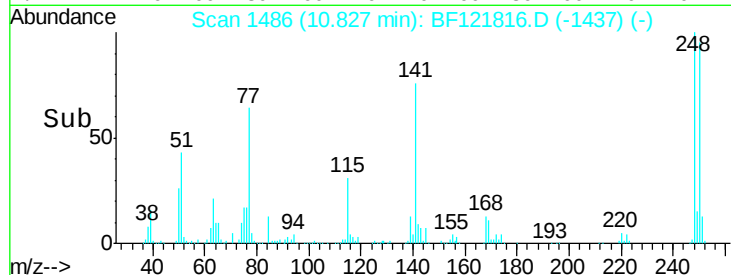
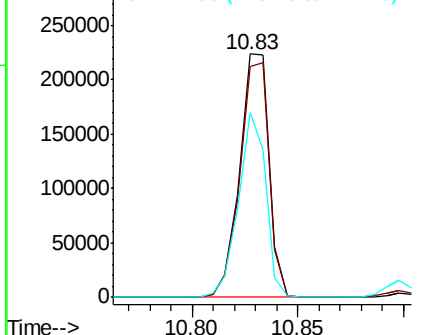
#67
 4-Bromophenyl-phenylether
 Concen: 46.578 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MSD

Tot Ion:248 Resp: 215893
 Ion Ratio Lower Upper
 248 100
 250 94.9 77.0 115.6
 141 76.1 53.7 80.5

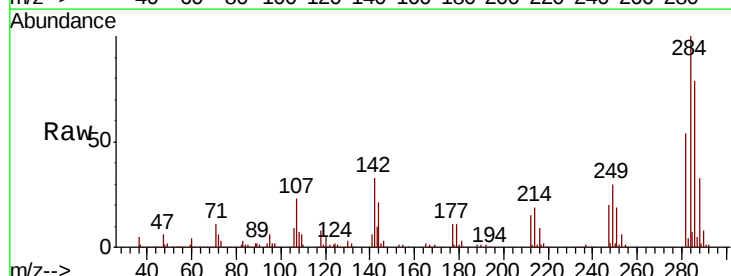


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

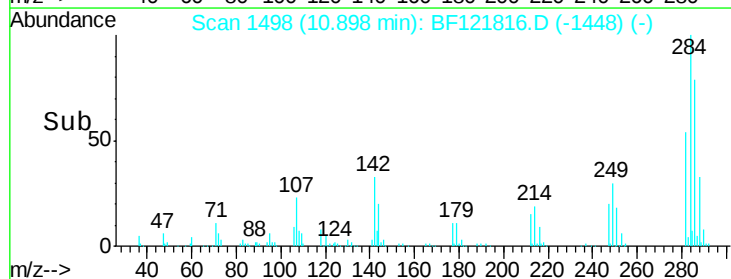
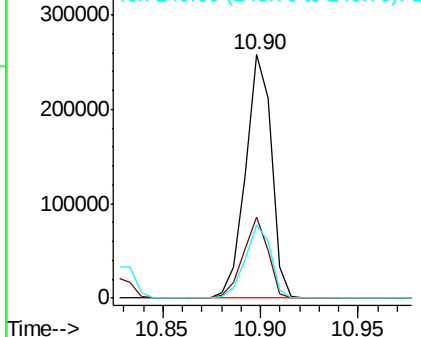


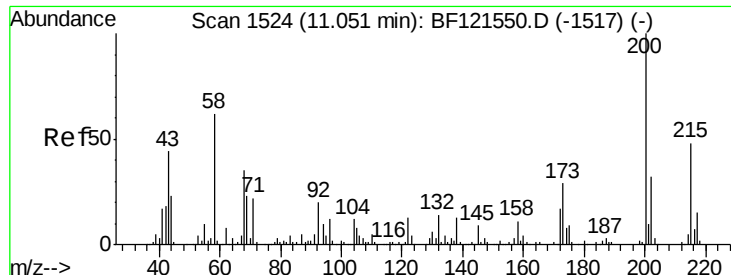
#68
 Hexachlorobenzene
 Concen: 45.405 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Tgt Ion:284 Resp: 237507
 Ion Ratio Lower Upper
 284 100
 142 33.3 27.4 41.2
 249 30.3 24.2 36.4



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

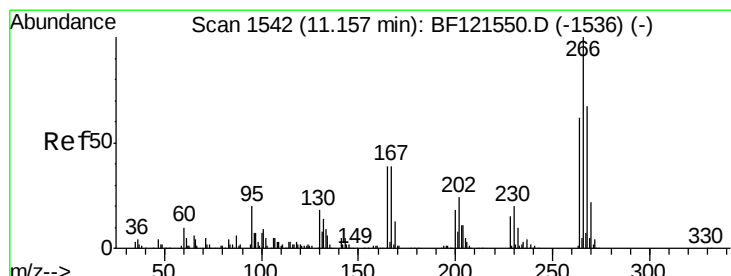
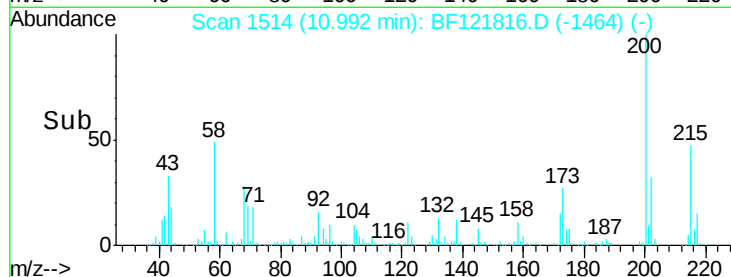
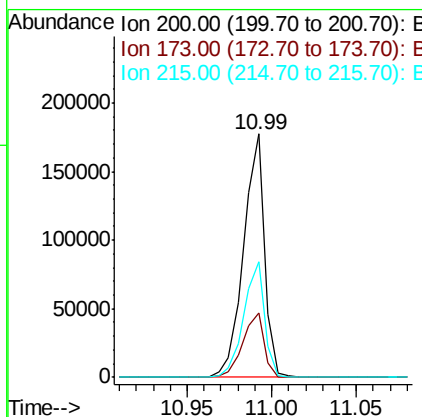
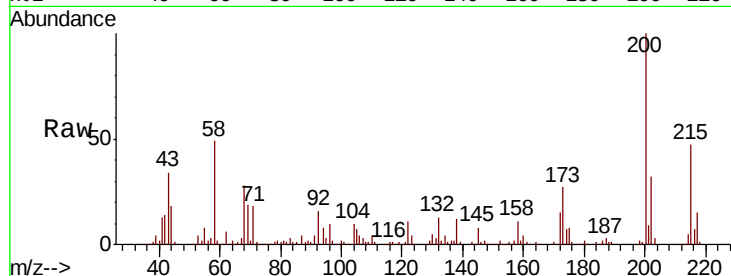




#69
Atrazine
Concen: 44.455 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

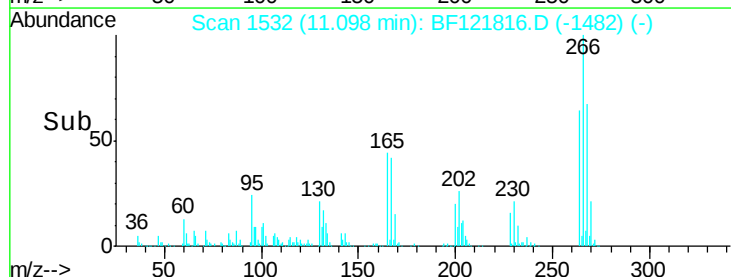
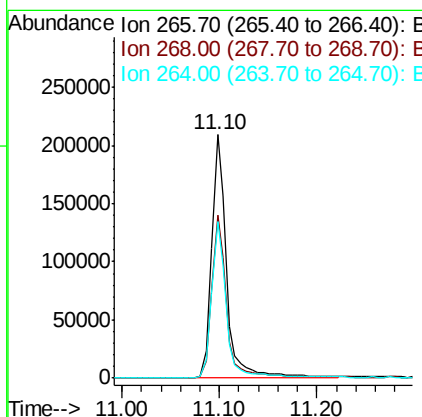
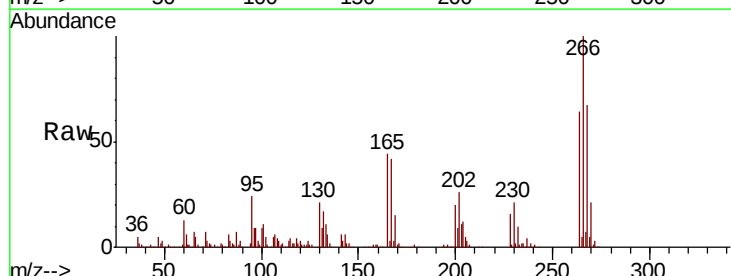
Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

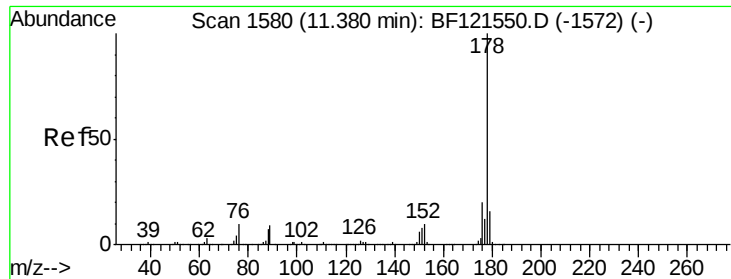
Tot Ion:200 Resp: 154256
Ion Ratio Lower Upper
200 100
173 26.7 7.5 47.5
215 47.5 27.1 67.1



#70
Pentachlorophenol
Concen: 78.365 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion:266 Resp: 225120
Ion Ratio Lower Upper
266 100
268 66.9 52.4 78.6
264 64.2 49.9 74.9

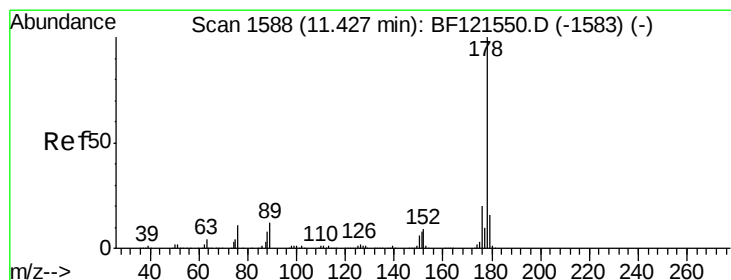
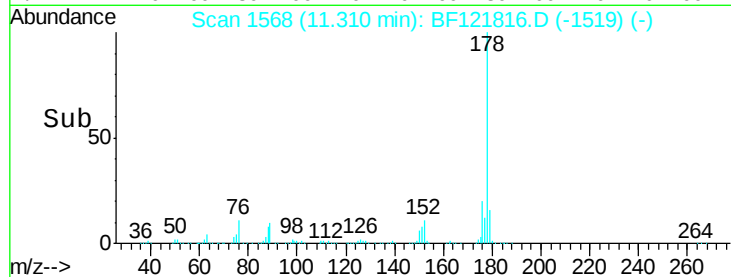
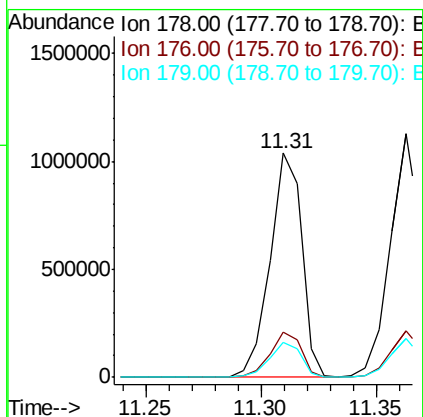
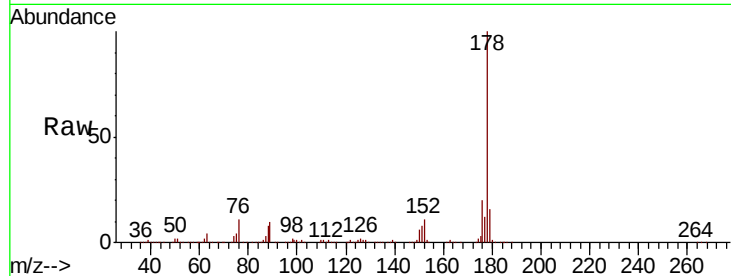




#71
Phenanthrene
Concen: 44.721 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

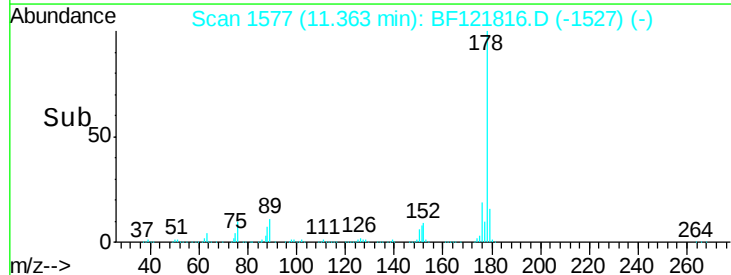
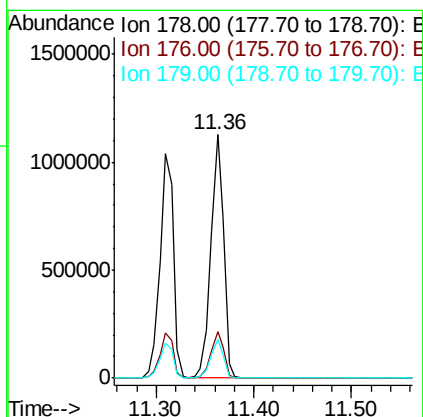
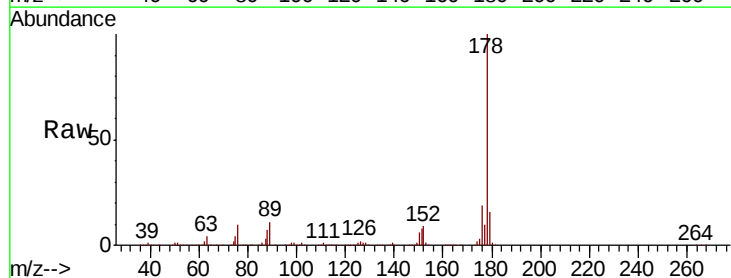
Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

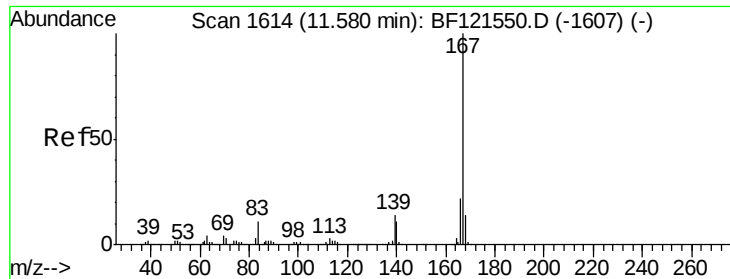
Tot Ion:178 Resp: 991940
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.9 12.2 18.4



#72
Anthracene
Concen: 44.827 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion:178 Resp: 1026068
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.8 12.7 19.1

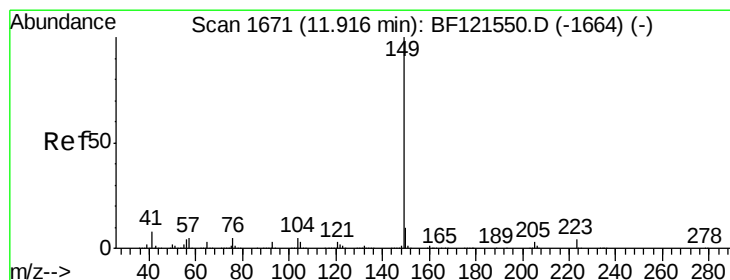
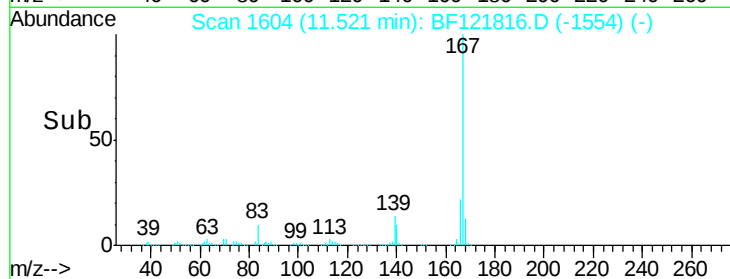
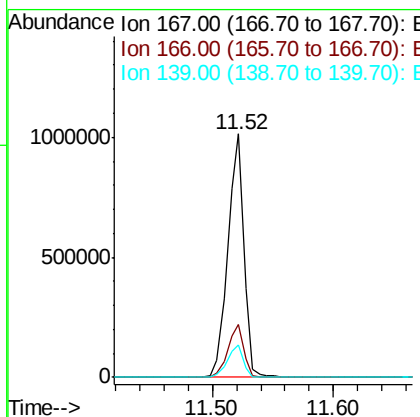
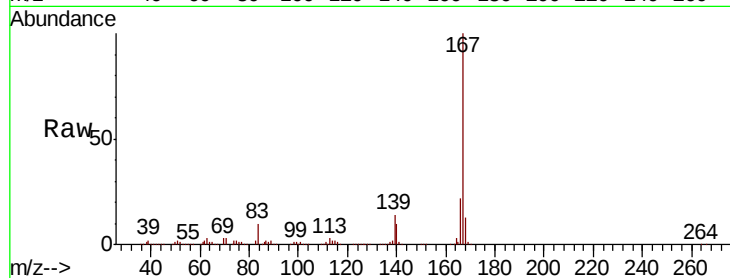




#73
 Carbazole
 Concen: 45.086 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

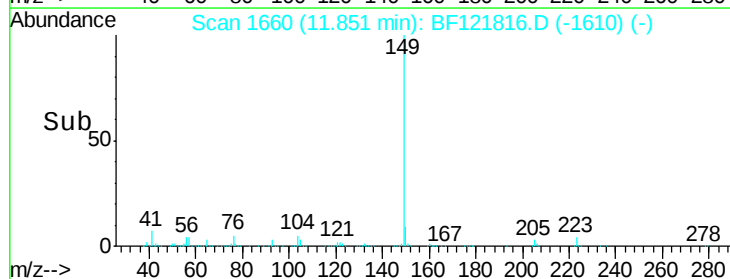
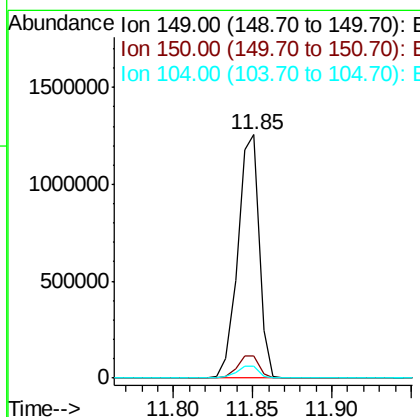
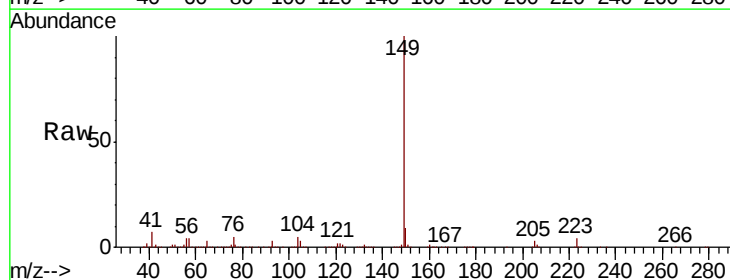
Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MSD

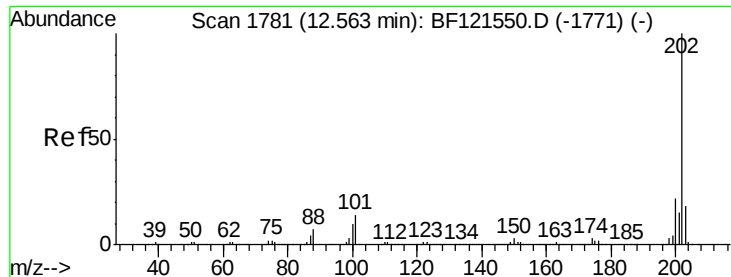
Tot Ion:167 Resp: 931294
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 13.5 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 49.139 ng
 RT: 11.85 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Tgt Ion:149 Resp: 1171484
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 4.9 4.2 6.2

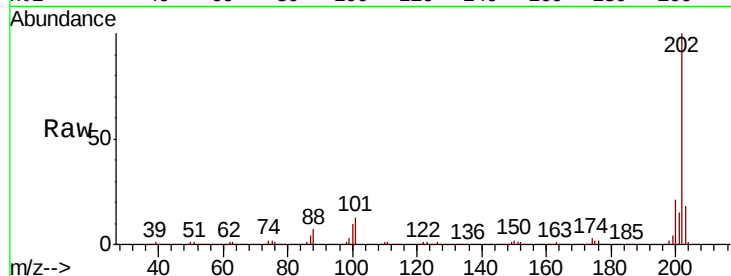




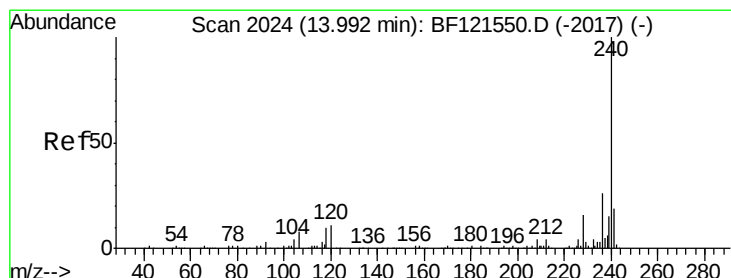
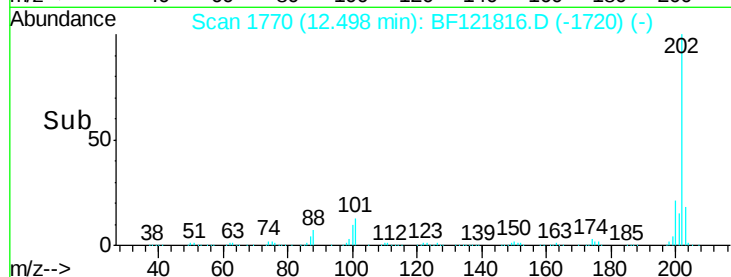
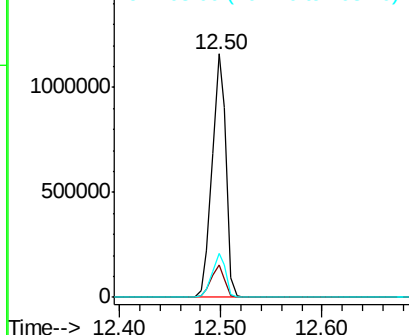
#75
Fluoranthene
Concen: 46.404 ng
RT: 12.50 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion:202 Resp: 1098739
Ion Ratio Lower Upper
202 100
101 13.4 0.0 33.4
203 17.9 0.0 37.9

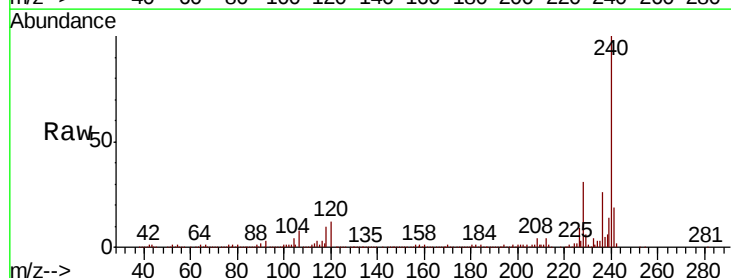


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

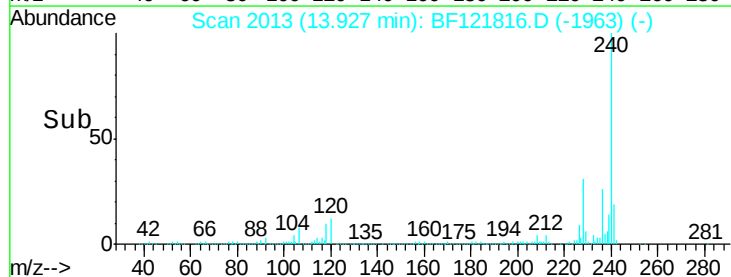
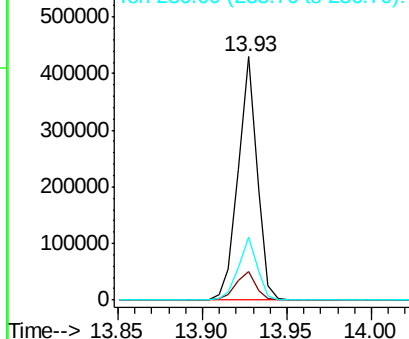


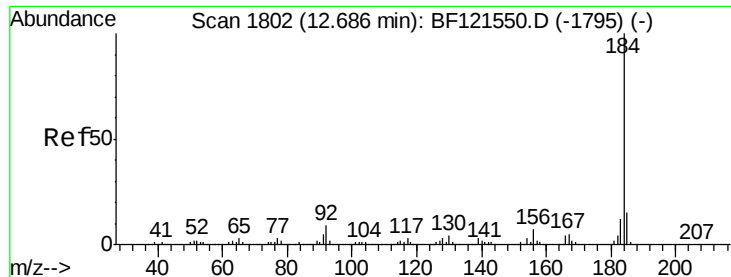
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion:240 Resp: 336045
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 25.8 20.9 31.3



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





#77

Benzidine

Concen: 4.459 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01MSD

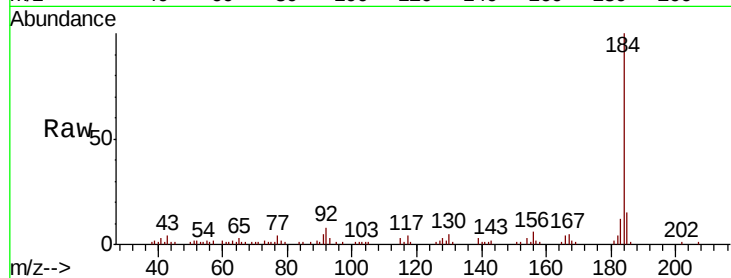
Tot Ion:184 Resp: 49678

Ion Ratio Lower Upper

184 100

185 14.5 11.6 17.4

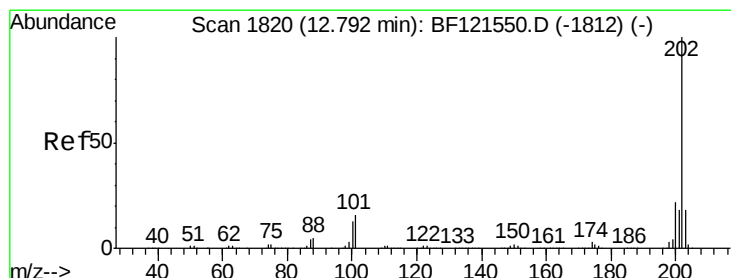
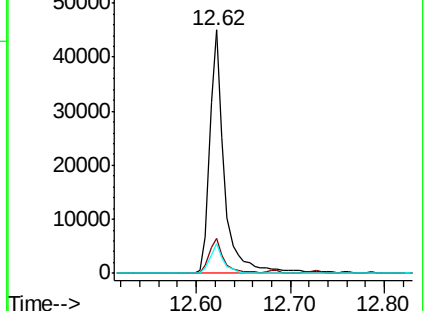
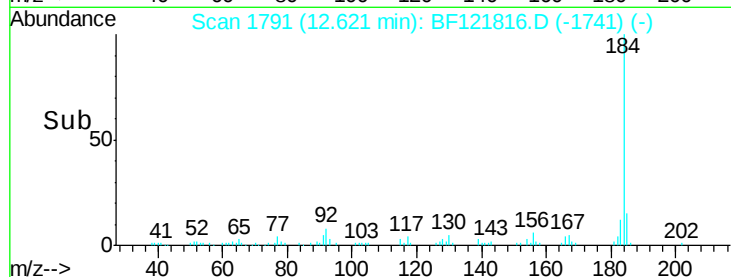
183 12.0 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.520 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

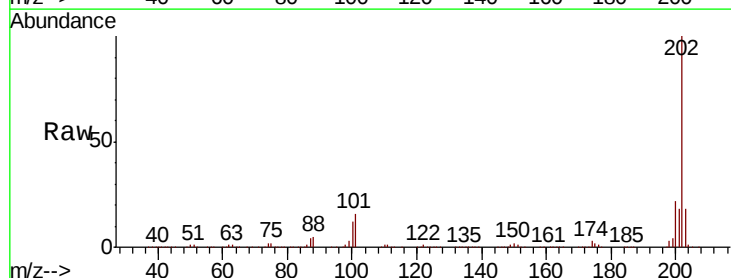
Tgt Ion:202 Resp: 1117629

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

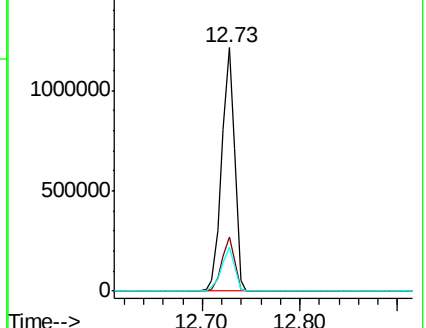
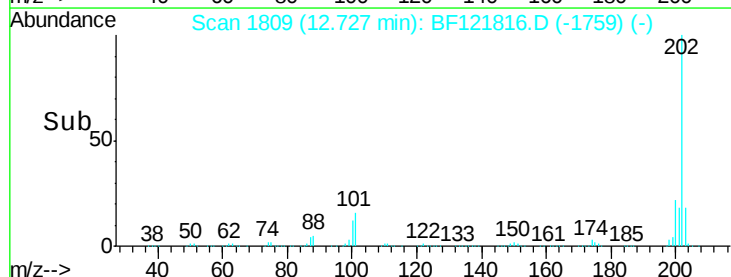
203 18.0 14.6 21.8

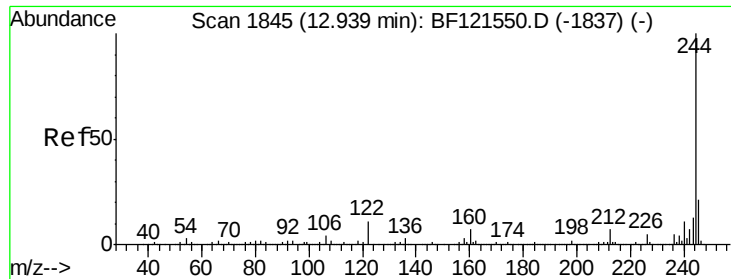


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.795 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01MSD

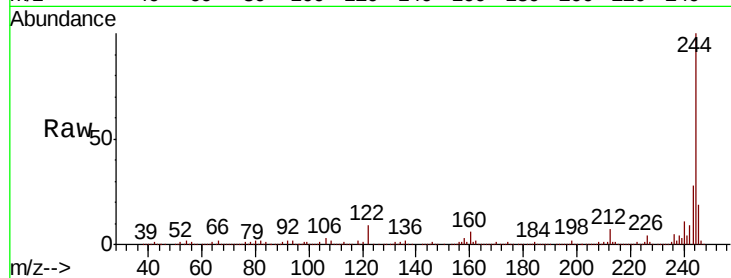
Tot Ion:244 Resp: 1522649

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

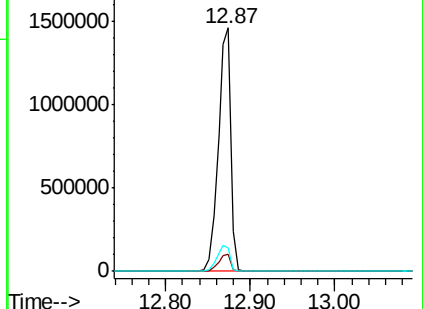
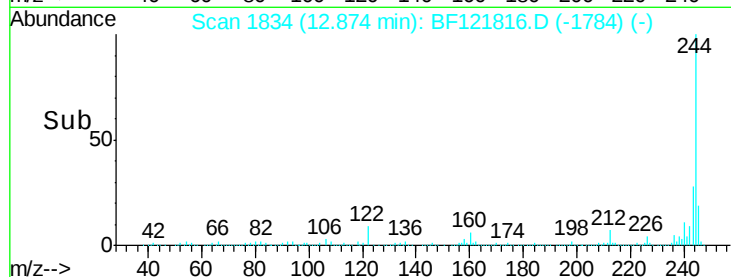
122 9.4 8.1 12.1



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: 51.666 ng

RT: 13.34 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

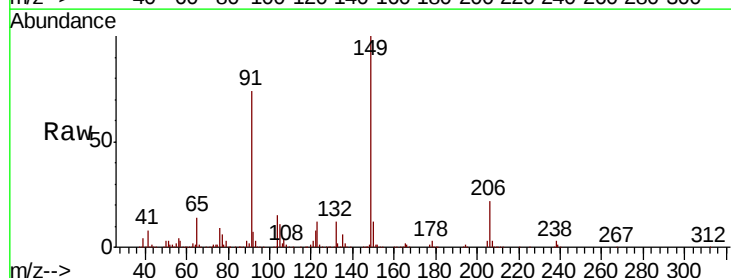
Tgt Ion:149 Resp: 513030

Ion Ratio Lower Upper

149 100

91 74.0 61.0 91.4

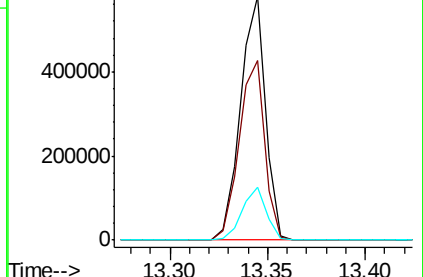
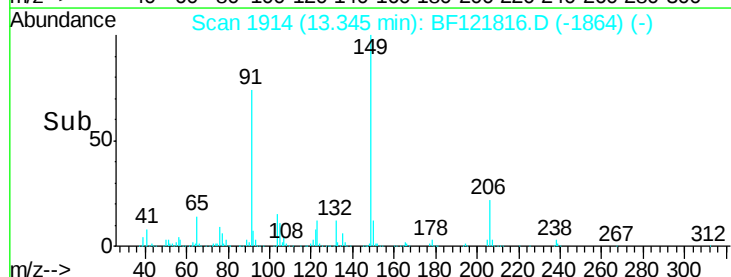
206 21.6 16.7 25.1

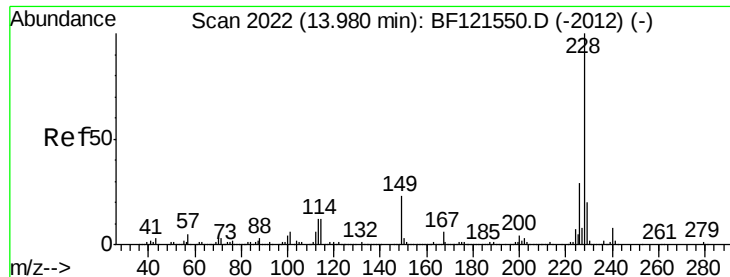


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

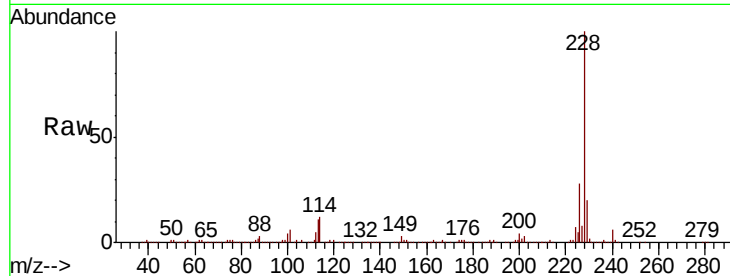




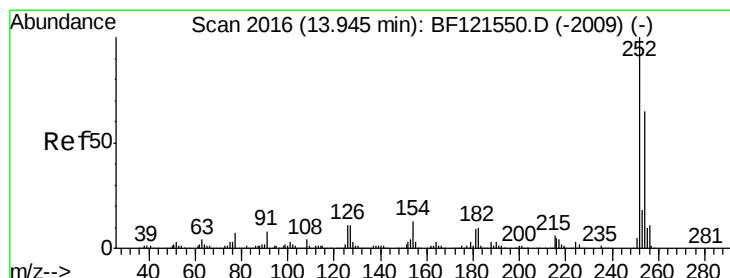
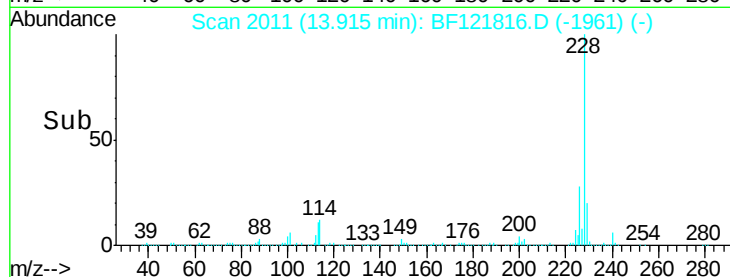
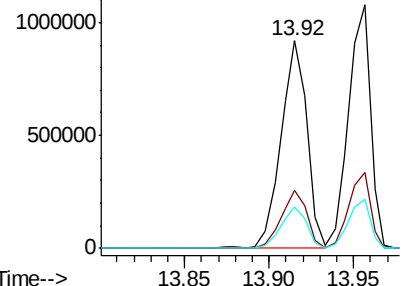
#81
Benzo(a)anthracene
Concen: 46.028 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion:228 Resp: 978543
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 20.0 16.2 24.4

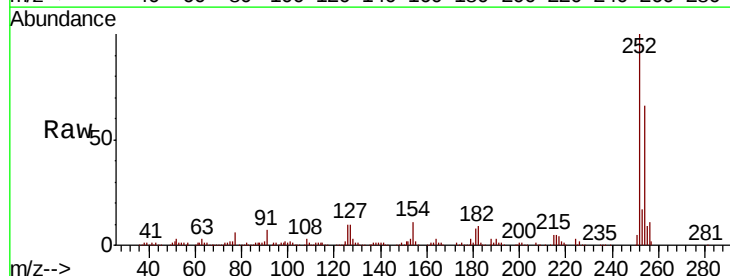


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

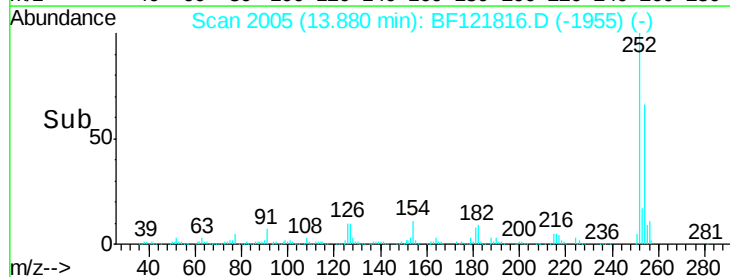
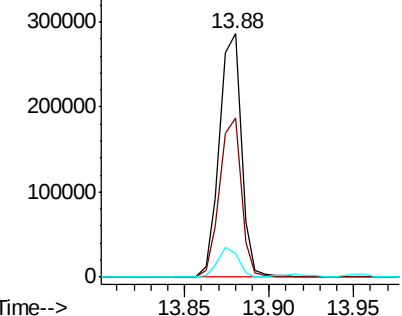


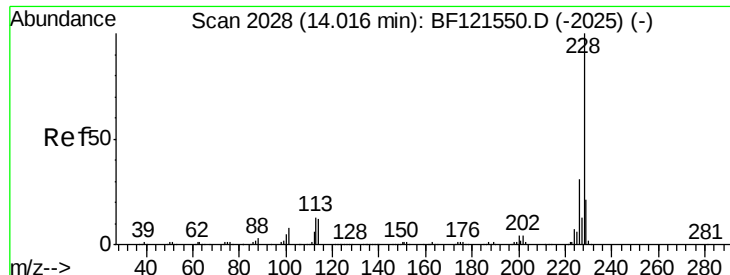
#82
3,3'-Dichlorobenzidine
Concen: 31.355 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion:252 Resp: 260244
Ion Ratio Lower Upper
252 100
254 65.6 51.8 77.6
126 9.7 8.8 13.2



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





#83

Chrvsene

Concen: 45.592 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01MSD

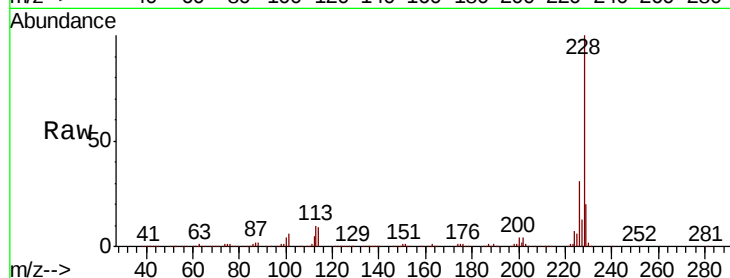
Tot Ion:228 Resp: 981532

Ion Ratio Lower Upper

228 100

226 31.0 24.6 37.0

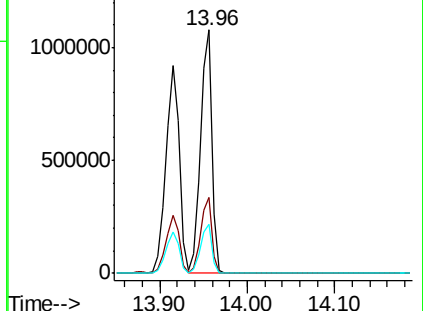
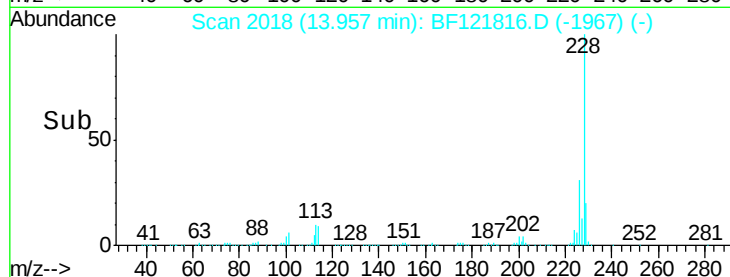
229 19.9 15.9 23.9



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: 54.325 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

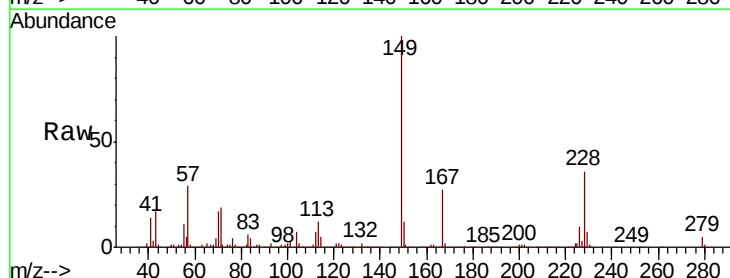
Tgt Ion:149 Resp: 720644

Ion Ratio Lower Upper

149 100

167 26.8 20.9 31.3

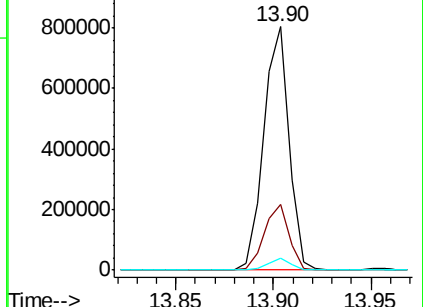
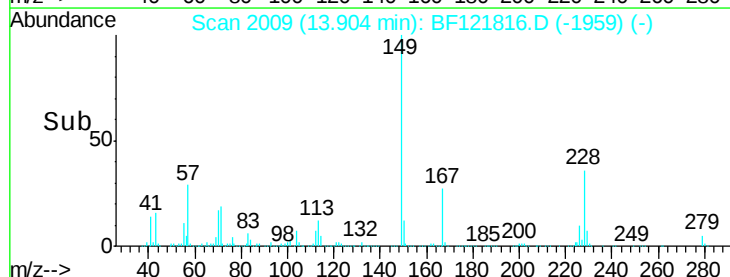
279 4.7 3.2 4.8

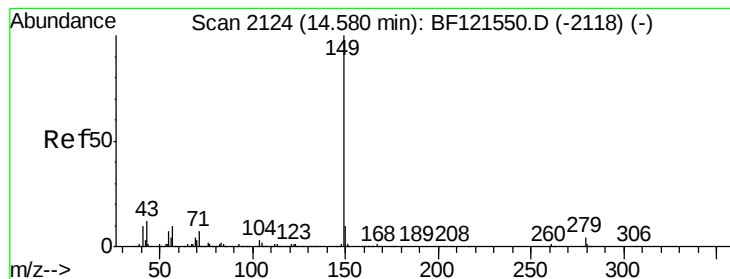


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.993 ng

RT: 14.52 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

Instrument :

BNA_F

ClientSampleId :

PB-2020-WS-000-01MSD

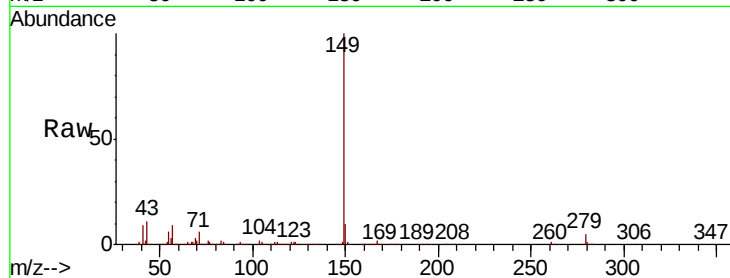
Tot Ion:149 Resp: 1264025

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

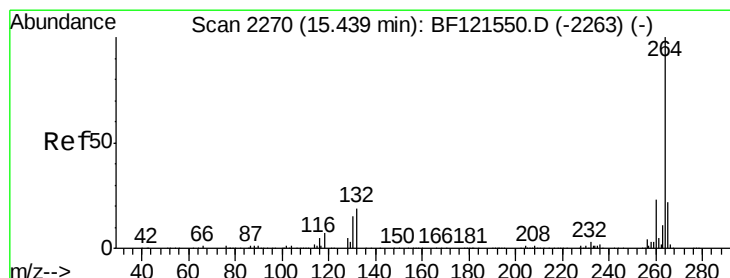
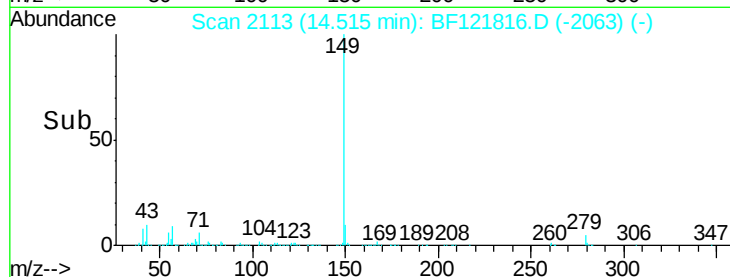
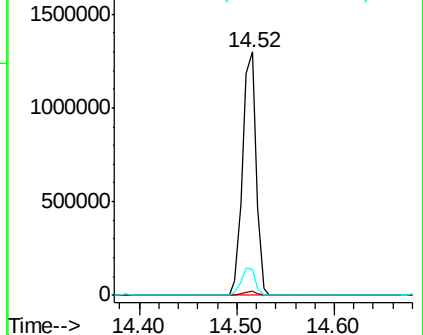
43 11.4 9.0 13.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF121816.D

Acq: 5 Oct 2020 13:43

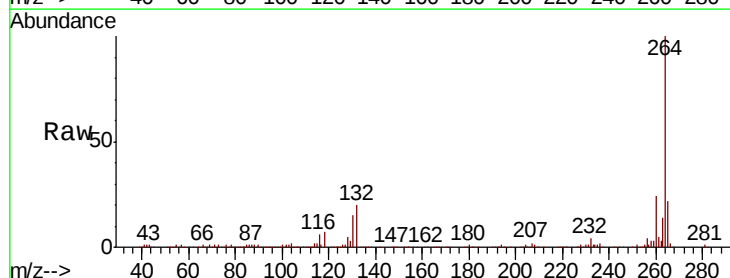
Tgt Ion:264 Resp: 297074

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

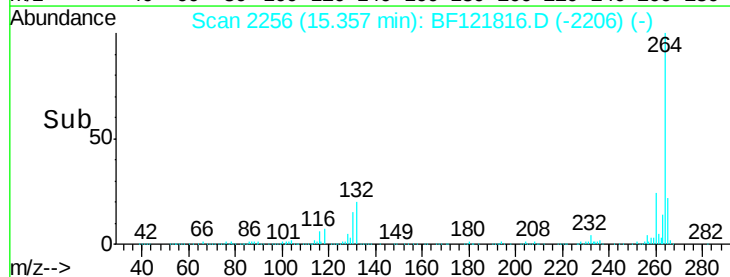
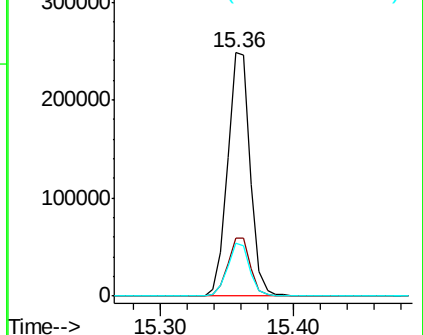
265 21.8 17.3 25.9

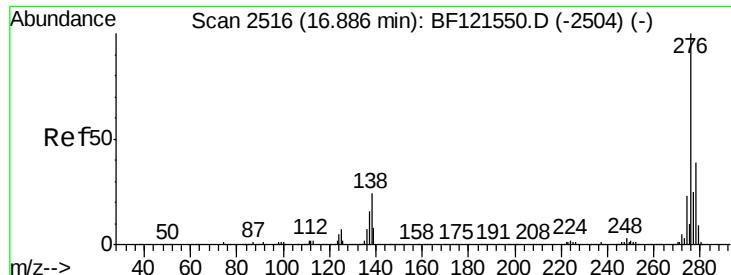


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

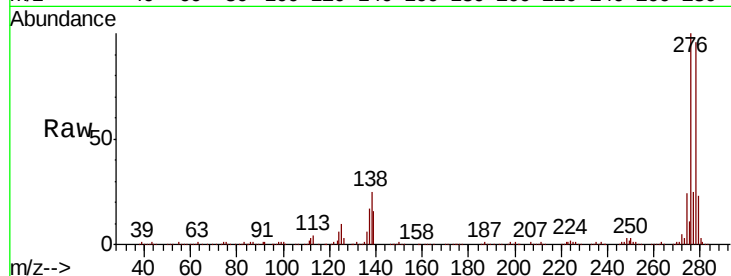




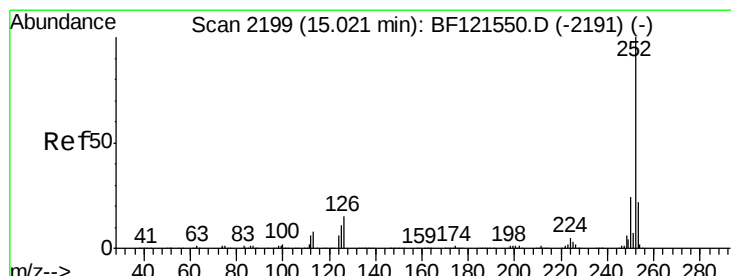
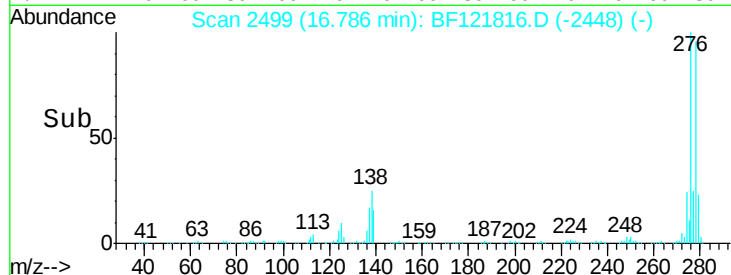
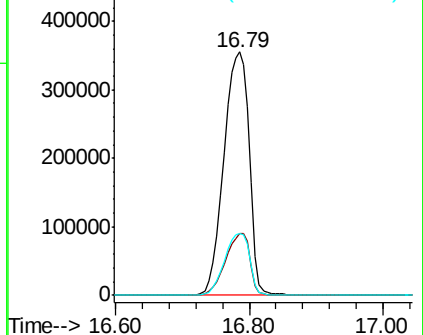
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.337 ng
 RT: 16.79 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 PB-2020-WS-000-01MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.9	29.9
277	25.3	20.4	30.6

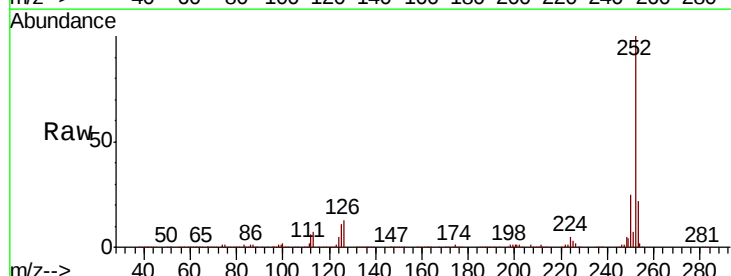


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

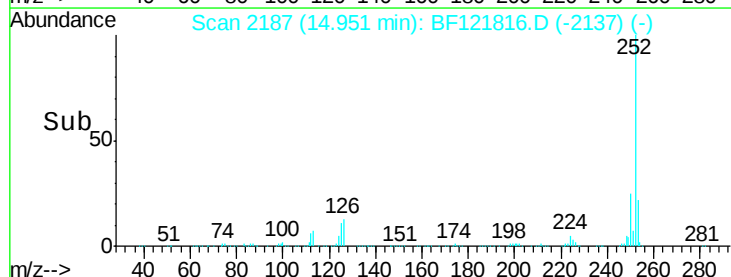
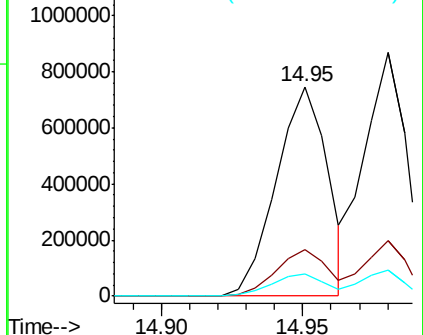


#88
 Benzo(b)fluoranthene
 Concen: 47.491 ng
 RT: 14.95 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BF121816.D
 Acq: 5 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	10.5	8.0	12.0



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

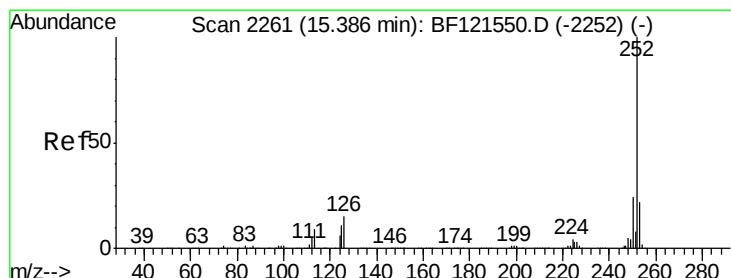
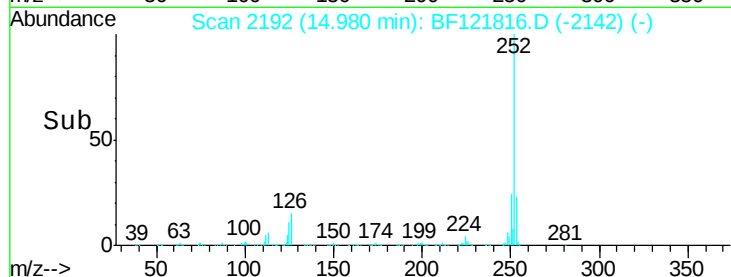
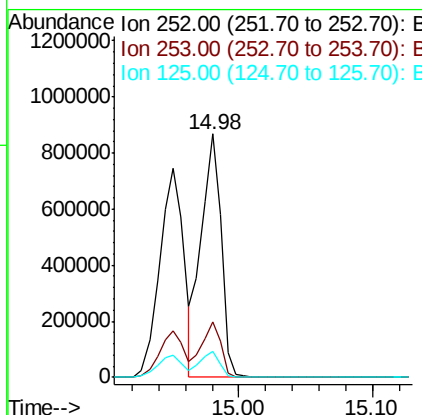
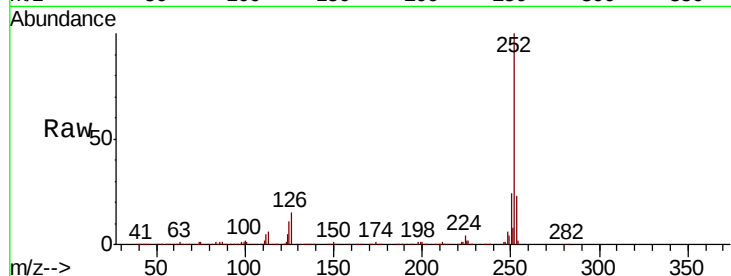




#89
Benzo(k)fluoranthene
Concen: 49.332 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

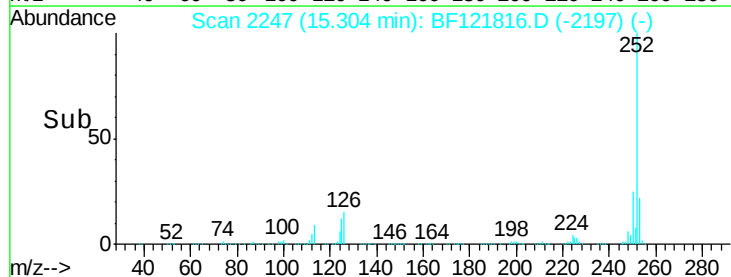
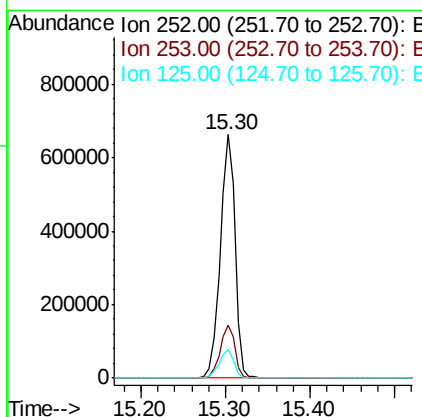
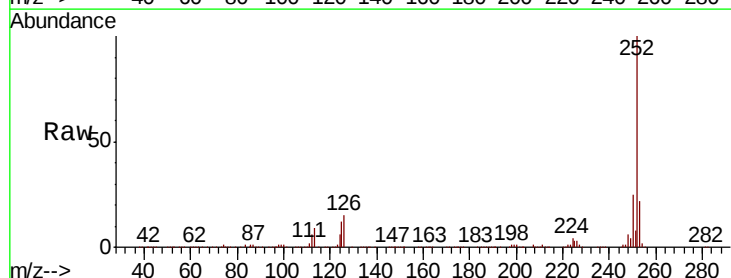
Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

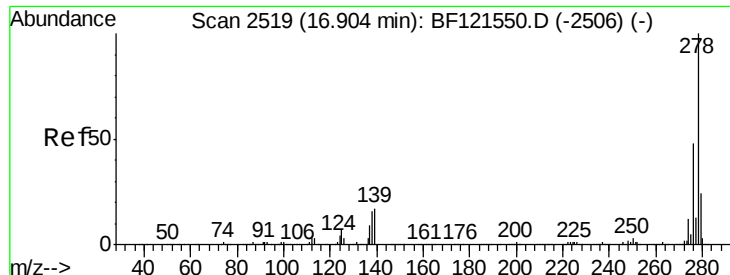
Tot Ion:252 Resp: 897178
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 10.6 7.7 11.5



#90
Benzo(a)pyrene
Concen: 48.322 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion:252 Resp: 815750
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 11.8 8.6 13.0

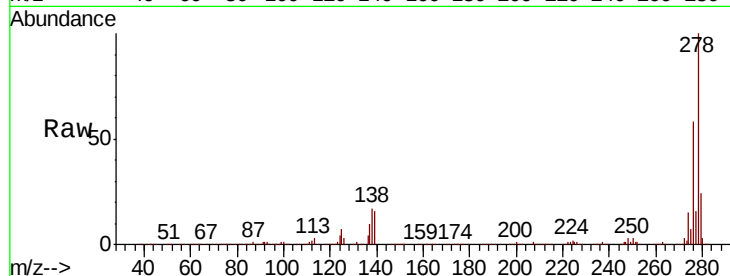




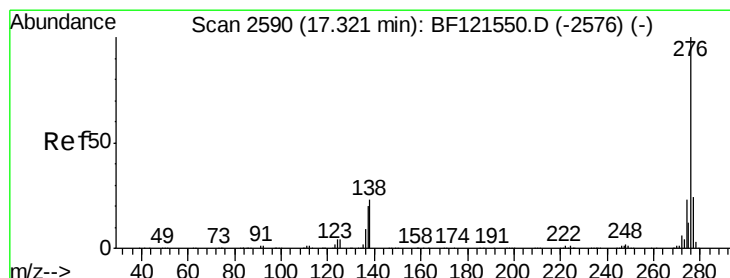
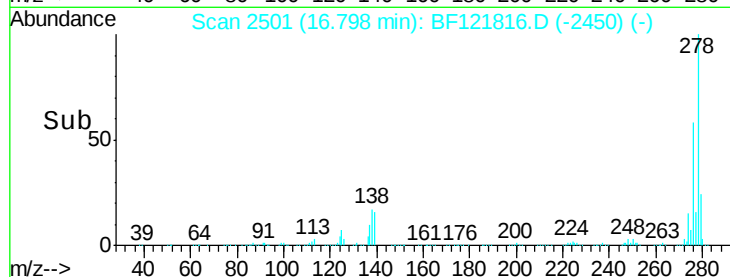
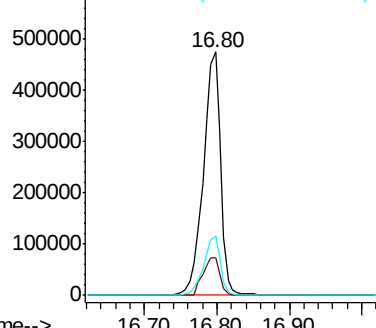
#91
Dibenzo(a,h)anthracene
Concen: 48.761 ng
RT: 16.80 min Scan# 2501
Delta R.T. 0.00 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MSD

Tot Ion:278 Resp: 785271
Ion Ratio Lower Upper
278 100
139 15.6 13.0 19.4
279 24.2 19.0 28.4

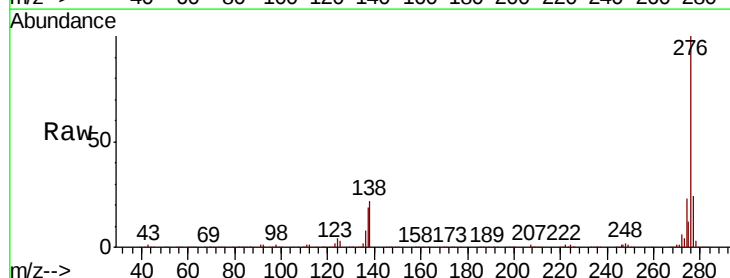


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.084 ng
RT: 17.21 min Scan# 2571
Delta R.T. 0.00 min
Lab File: BF121816.D
Acq: 5 Oct 2020 13:43

Tgt Ion:276 Resp: 792853
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.2
138 22.1 17.8 26.6



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

