

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
 Data File : BF121852.D
 Acq On : 6 Oct 2020 14:56
 Operator : JU/CG
 Sample : L4213-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MSD

Quant Time: Oct 06 15:45:31 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	124911	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	476118	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	232043	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	362817	20.00	ng	0.00
76) Chrysene-d12	13.93	240	246148	20.00	ng	0.00
86) Perylene-d12	15.36	264	254145	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	973045	115.77	ng	0.01
7) Phenol-d6	6.42	99	1237654	112.24	ng	0.00
23) Nitrobenzene-d5	7.33	82	874954	98.67	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	302637	104.94	ng	-0.01
45) 2-Fluorobiphenyl	9.13	172	1355594	88.48	ng	0.00
79) Terphenyl-d14	12.87	244	1014602	83.51	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	149340	38.675	ng	99
3) Pyridine	3.27	79	435908	40.835	ng	98
4) n-Nitrosodimethylamine	3.23	42	212851	42.986	ng	99
6) Aniline	6.43	93	357346	24.882	ng	# 1
8) 2-Chlorophenol	6.55	128	393457	45.977	ng	97
9) Benzaldehyde	6.31	77	109074	15.131	ng	99
10) Phenol	6.43	94	477859	40.695	ng	99
11) bis(2-Chloroethyl)ether	6.50	93	391396	44.225	ng	98
12) 1,3-Dichlorobenzene	6.70	146	413717	43.314	ng	99
13) 1,4-Dichlorobenzene	6.78	146	414226	43.190	ng	99
14) 1,2-Dichlorobenzene	6.93	146	395041	44.712	ng	99
15) Benzyl Alcohol	6.92	79	339058	45.238	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	591011	41.499	ng	90
17) 2-Methylphenol	7.03	107	313688	43.081	ng	# 94
18) Hexachloroethane	7.27	117	149382	43.500	ng	97
19) n-Nitroso-di-n-propylamine	7.19	70	274586	43.207	ng	98
20) 3+4-Methylphenols	7.19	107	380582	43.503	ng	# 77
22) Acetophenone	7.18	105	516083	42.722	ng	95
24) Nitrobenzene	7.35	77	425412	44.356	ng	99
25) Isophorone	7.59	82	748050	41.906	ng	99
26) 2-Nitrophenol	7.67	139	199743	44.439	ng	96
27) 2,4-Dimethylphenol	7.71	122	336939	42.286	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	482127	43.628	ng	100
29) 2,4-Dichlorophenol	7.92	162	311769	42.959	ng	96
30) 1,2,4-Trichlorobenzene	7.99	180	330698	43.266	ng	99
31) Naphthalene	8.07	128	1087504	43.269	ng	99
32) Benzoic acid	7.85	122	107648	22.427	ng	98
33) 4-Chloroaniline	8.12	127	229636	21.078	ng	99
34) Hexachlorobutadiene	8.19	225	198199	44.178	ng	99
35) Caprolactam	8.50	113	95704	39.599	ng	95
36) 4-Chloro-3-methylphenol	8.62	107	331755	42.434	ng	100
37) 2-Methylnaphthalene	8.76	142	694101	42.141	ng	98
38) 1-Methylnaphthalene	8.86	142	642778	41.932	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	323937	44.692	ng	99

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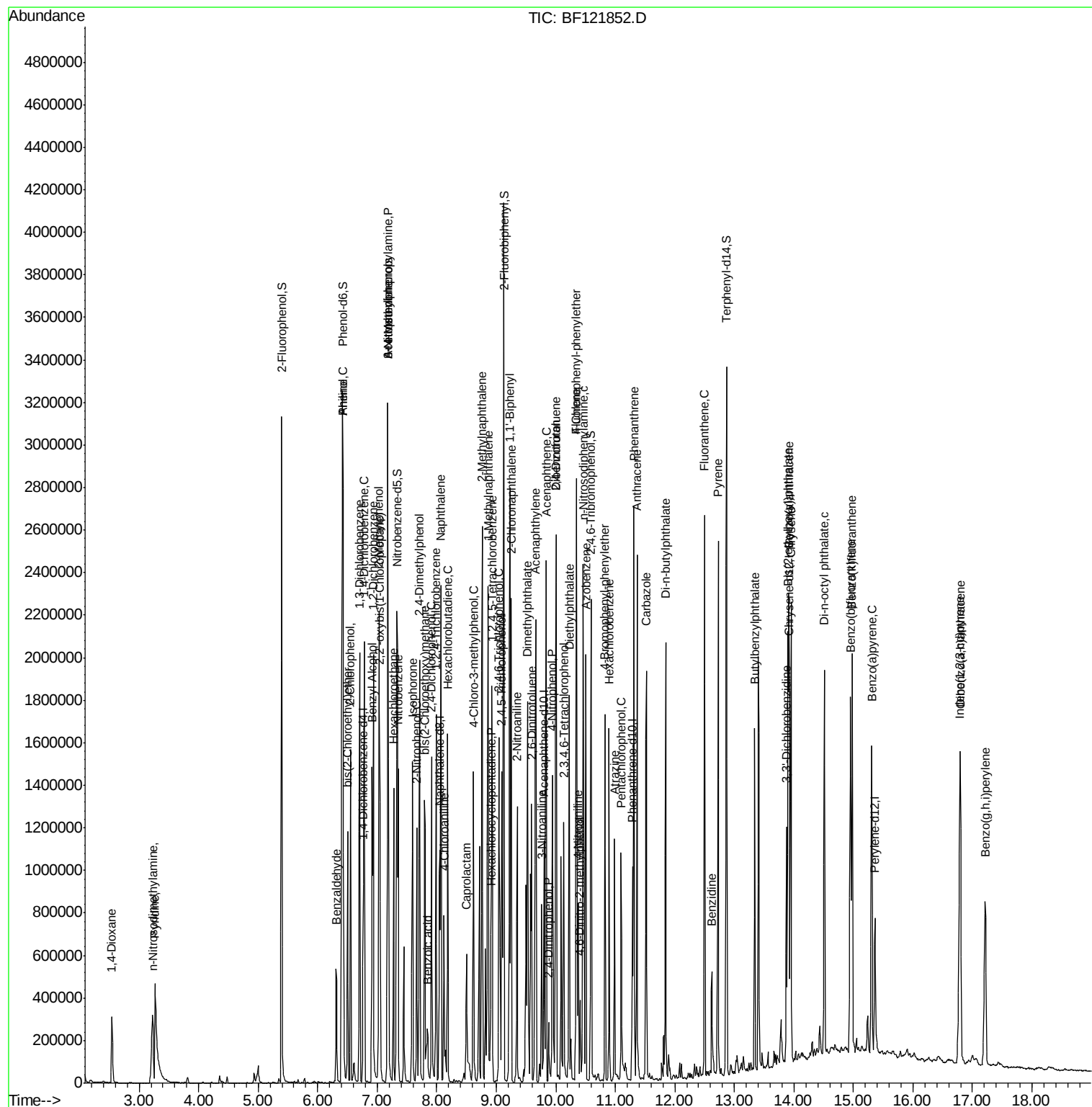
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	77876	18.814	nq	99
43) 2,4,6-Trichlorophenol	9.05	196	205942	41.684	nq	99
44) 2,4,5-Trichlorophenol	9.09	196	213993	40.972	nq	96
46) 1,1'-Biphenyl	9.23	154	815766	43.914	nq	99
47) 2-Chloronaphthalene	9.25	162	629562	43.006	nq	99
48) 2-Nitroaniline	9.35	65	217109	47.727	nq	98
49) Acenaphthylene	9.66	152	954897	42.455	nq	99
50) Dimethylphthalate	9.53	163	927853	55.170	nq	100
51) 2,6-Dinitrotoluene	9.60	165	164698	45.983	nq #	81
52) Acenaphthene	9.84	154	579068	40.761	nq	99
53) 3-Nitroaniline	9.76	138	119834	28.881	nq	98
54) 2,4-Dinitrophenol	9.88	184	42815	27.429	nq	92
55) Dibenzofuran	10.01	168	820437	41.009	nq	100
56) 4-Nitrophenol	9.94	139	194178	58.682	nq	86
57) 2,4-Dinitrotoluene	10.00	165	196148	43.530	nq	95
58) Fluorene	10.35	166	647567	42.327	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	159878	37.653	nq	98
60) Diethylphthalate	10.23	149	719866	43.901	nq	99
61) 4-Chlorophenyl-phenylether	10.34	204	314748	42.946	nq	96
62) 4-Nitroaniline	10.37	138	152733	37.073	nq	96
63) Azobenzene	10.50	77	716196	41.015	nq	97
65) 4,6-Dinitro-2-methylphenol	10.41	198	45744	24.465	nq	93
66) n-Nitrosodiphenylamine	10.46	169	603422	48.478	nq	100
67) 4-Bromophenyl-phenylether	10.83	248	200307	48.491	nq	96
68) Hexachlorobenzene	10.90	284	212827	45.654	nq	99
69) Atrazine	10.99	200	135985	43.973	nq	98
70) Pentachlorophenol	11.10	266	142696	55.737	nq	99
71) Phenanthrene	11.31	178	1019969	51.598	nq	99
72) Anthracene	11.36	178	911968	44.705	nq	100
73) Carbazole	11.52	167	765974	41.610	nq	99
74) Di-n-butylphthalate	11.85	149	980576	46.152	nq	100
75) Fluoranthene	12.50	202	1029883	48.805	nq	100
77) Benzidine	12.62	184	207966	25.485	nq	99
78) Pyrene	12.73	202	1009742	56.146	nq	99
80) Butylbenzylphthalate	13.34	149	346327	47.615	nq	98
81) Benzo(a)anthracene	13.92	228	820894	52.714	nq	99
82) 3,3'-Dichlorobenzidine	13.87	252	226169	37.202	nq	98
83) Chrysene	13.95	228	784580	49.754	nq	99
84) Bis(2-ethylhexyl)phthalate	13.90	149	470221	48.393	nq	100
85) Di-n-octyl phthalate	14.51	149	803586	46.862	nq	99
87) Indeno(1,2,3-cd)pyrene	16.79	276	781114	47.195	nq	99
88) Benzo(b)fluoranthene	14.95	252	949082	55.862	nq	99
89) Benzo(k)fluoranthene	14.98	252	687802	44.208	nq	99
90) Benzo(a)pyrene	15.31	252	754741	52.260	nq	99
91) Dibenzo(a,h)anthracene	16.80	278	615705	44.690	nq	100
92) Benzo(g,h,i)perylene	17.22	276	637630	47.083	nq	99

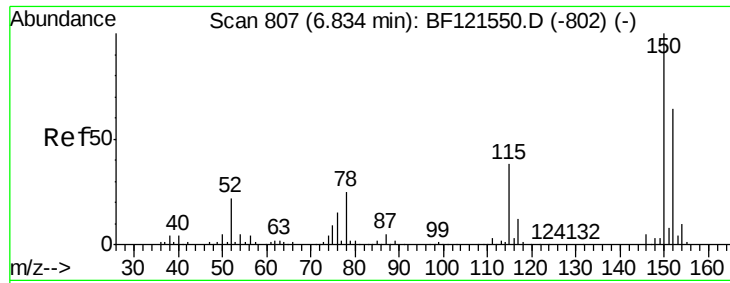
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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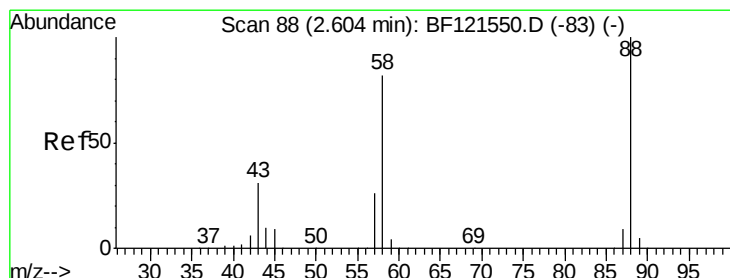
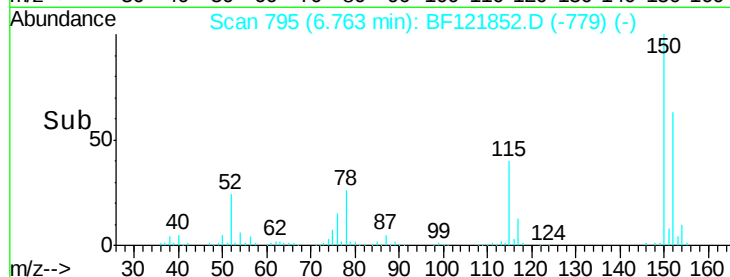
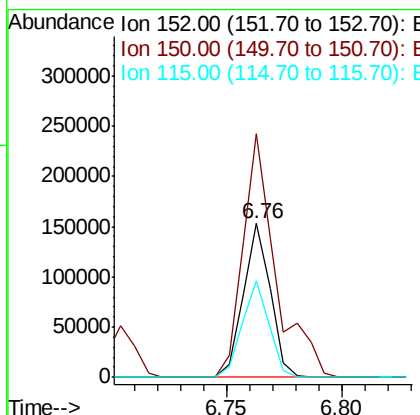
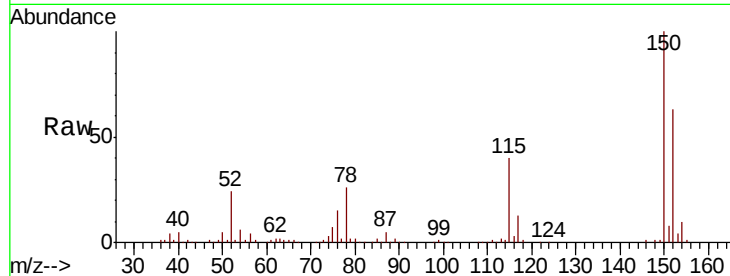


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Instrument :
BNA_F
ClientSampleId :
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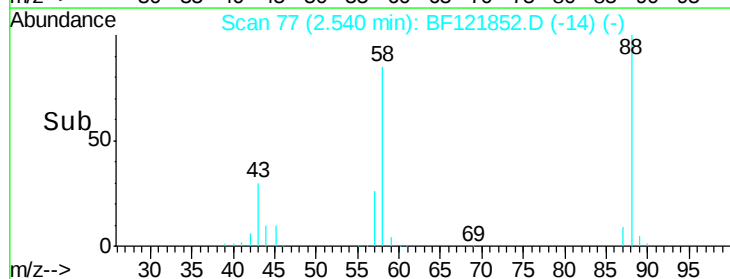
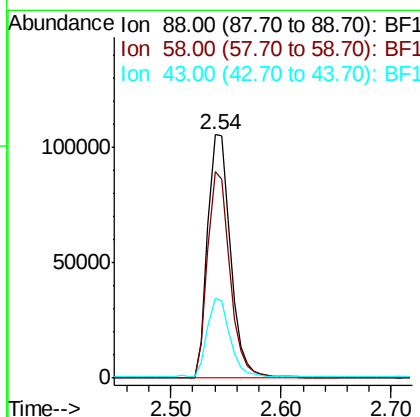
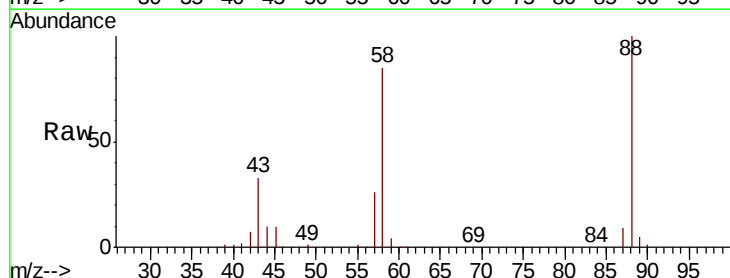
Tot Ion:152 Resp: 124911
Ion Ratio Lower Upper
152 100
150 158.6 125.3 187.9
115 62.9 51.9 77.9

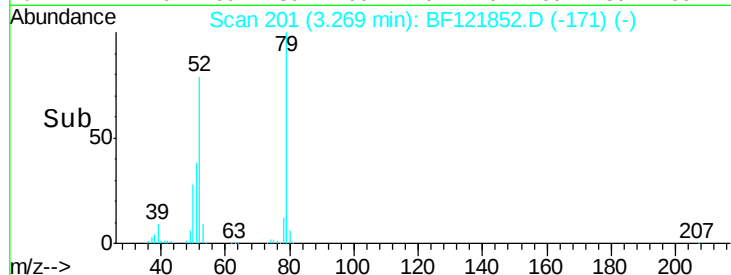
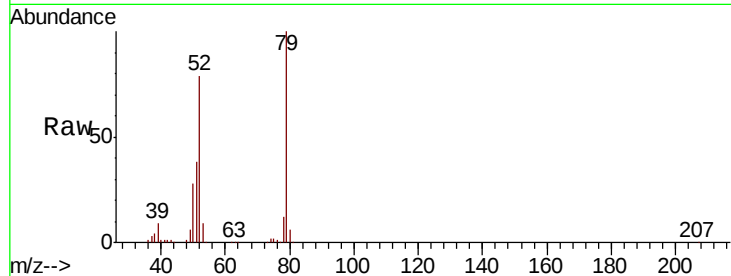
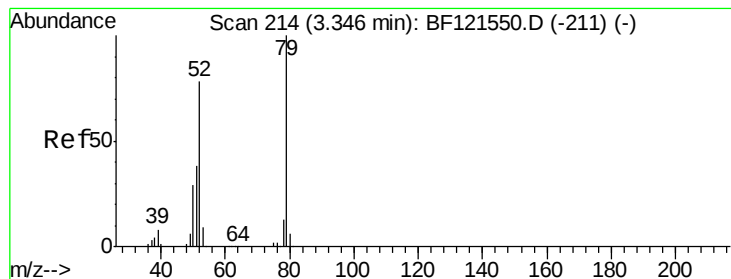


#2

1,4-Dioxane
Concen: 38.675 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.07 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Tgt Ion: 88 Resp: 149340
Ion Ratio Lower Upper
88 100
58 83.1 65.8 98.8
43 32.1 25.8 38.8





#3

Pvridine

Concen: 40.835 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.08 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MSD

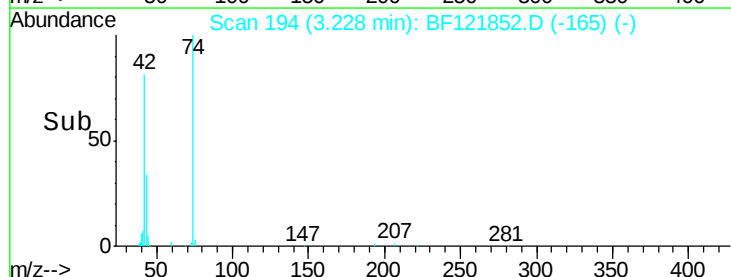
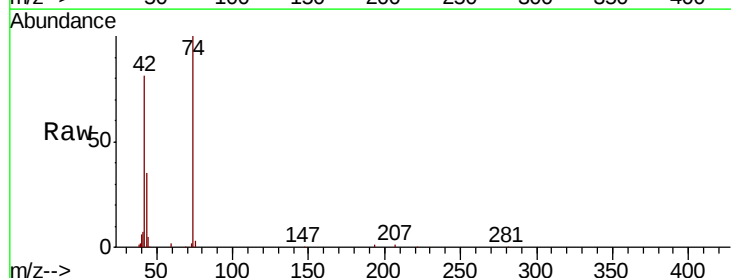
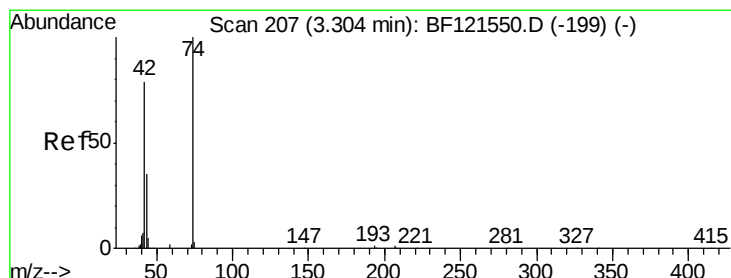
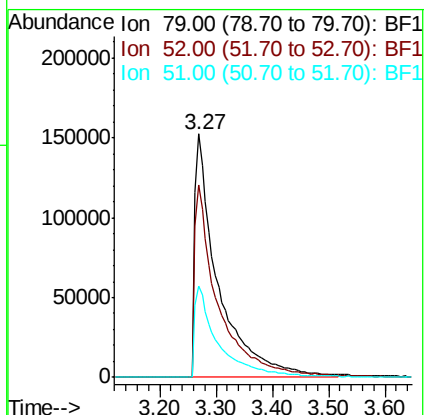
Tot Ion: 79 Resp: 435908

Ion Ratio Lower Upper

79 100

52 79.0 62.2 93.4

51 37.6 31.1 46.7



#4

n-Nitrosodimethylamine

Concen: 42.986 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.07 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

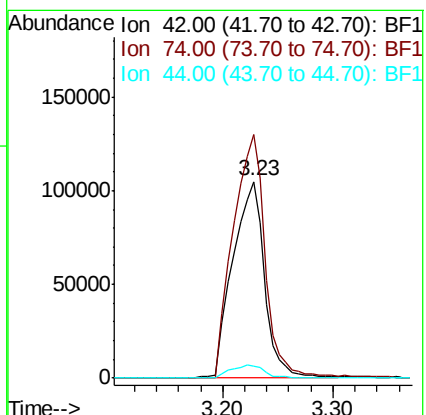
Tgt Ion: 42 Resp: 212851

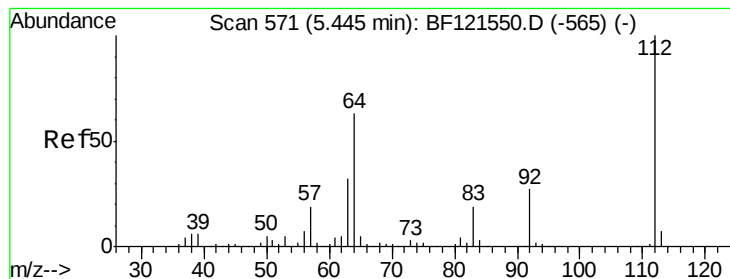
Ion Ratio Lower Upper

42 100

74 123.9 100.2 150.2

44 6.4 5.8 8.6





#5

2-Fluorophenol

Concen: 115.768 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MSD

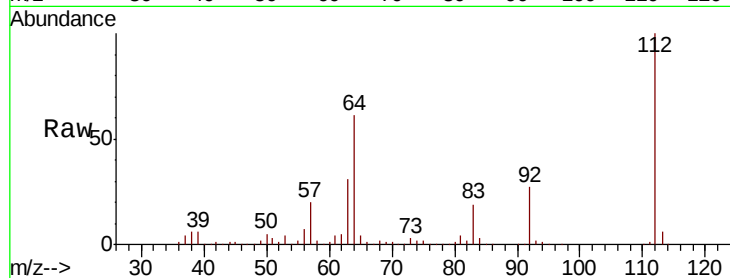
Tot Ion:112 Resp: 973045

Ion Ratio Lower Upper

112 100

64 61.0 50.4 75.6

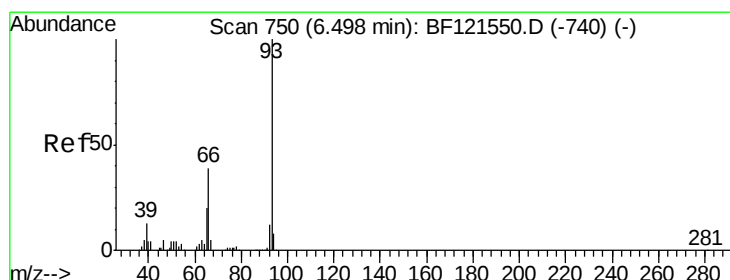
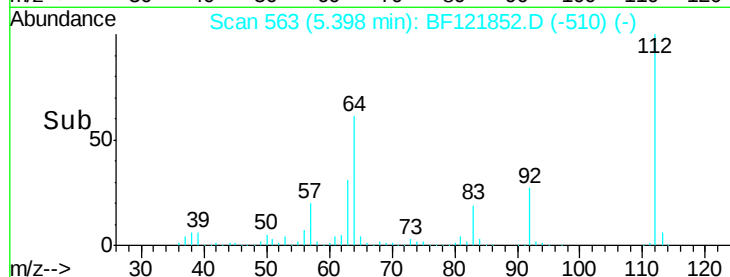
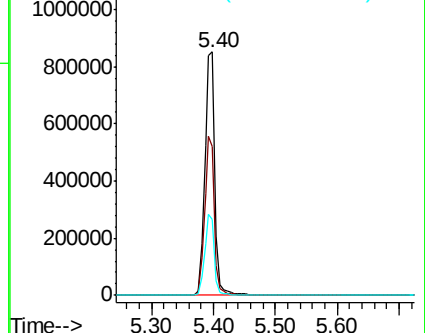
63 31.4 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.882 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

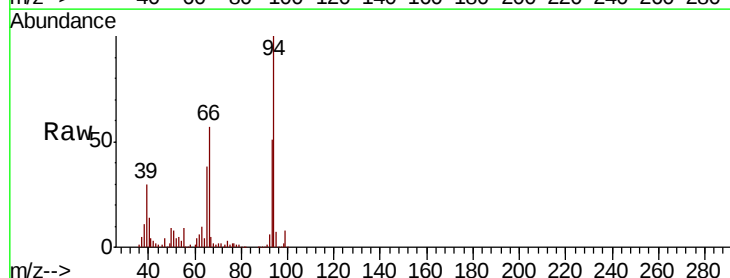
Tgt Ion: 93 Resp: 357346

Ion Ratio Lower Upper

93 100

66 110.1 32.7 49.1#

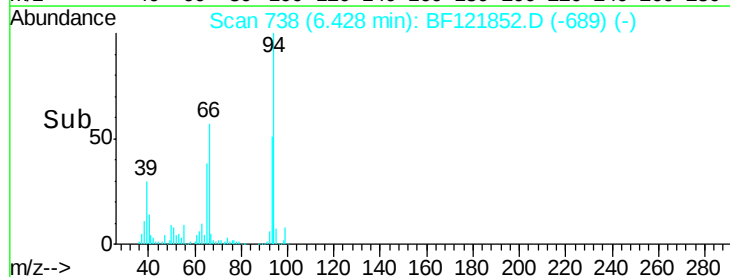
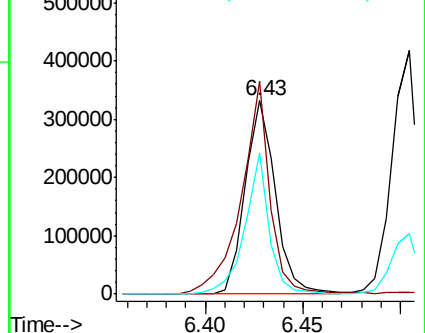
65 73.0 16.6 24.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.238 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

Instrument :

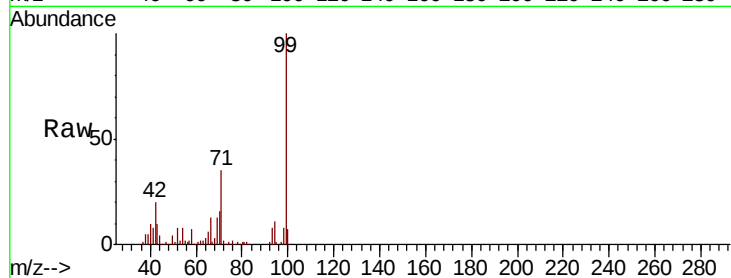
BNA_F

ClientSampleId :

B-15(3-4)MSD

Tot Ion: 99 Resp: 1237654

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.9	23.9
71	35.2	27.1	40.7

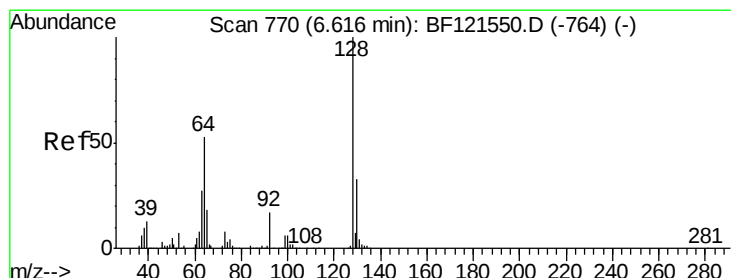
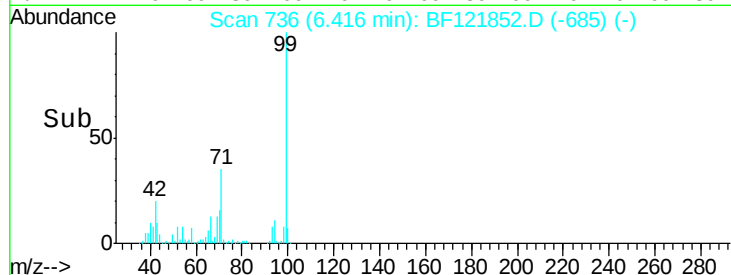
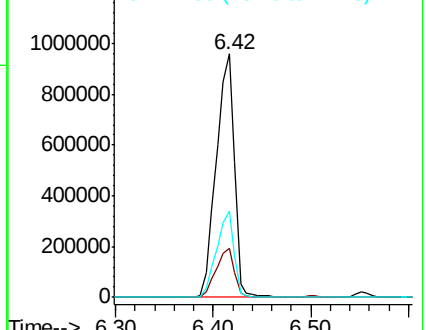


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.977 ng

RT: 6.55 min Scan# 759

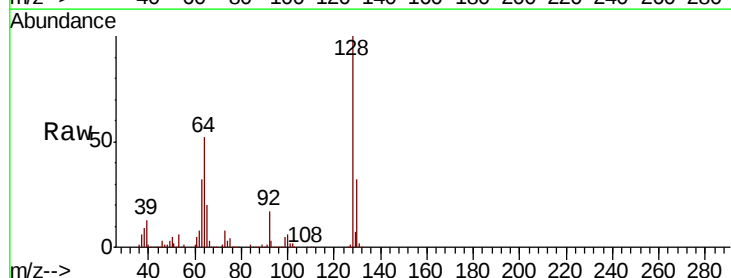
Delta R.T. -0.01 min

Lab File: BF121852.D

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Tgt Ion: 128 Resp: 393457

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.4	52.4
64	51.9	34.8	74.8

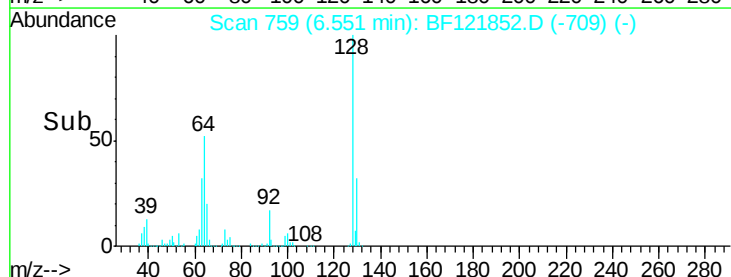
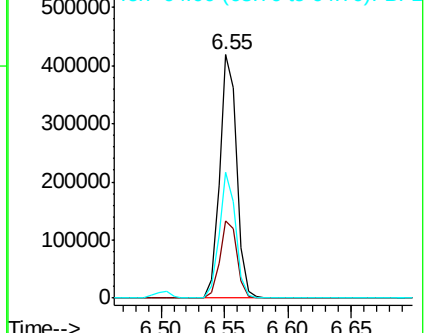


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.131 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

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Acq: 6 Oct 2020 14:56

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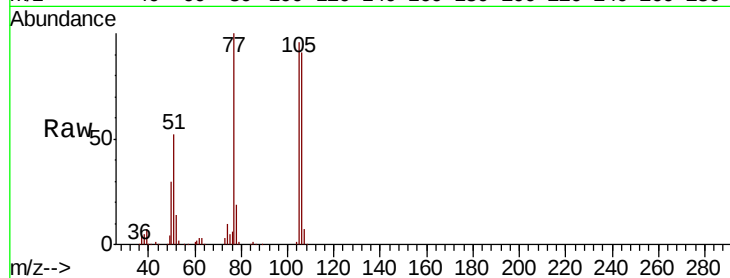
Tot Ion: 77 Resp: 109074

Ion Ratio Lower Upper

77 100

105 95.9 76.7 116.7

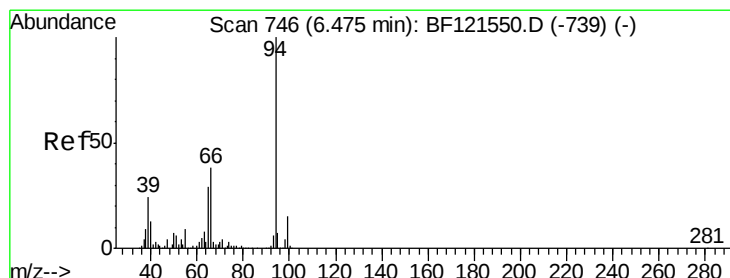
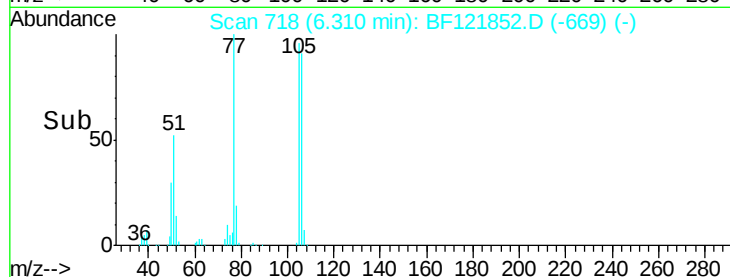
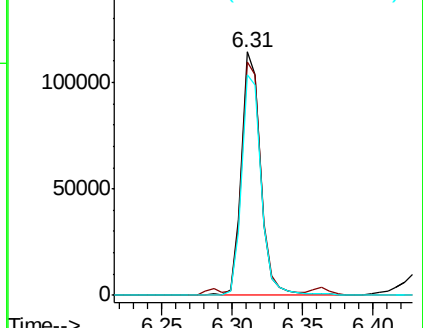
106 90.6 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.695 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

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Acq: 6 Oct 2020 14:56

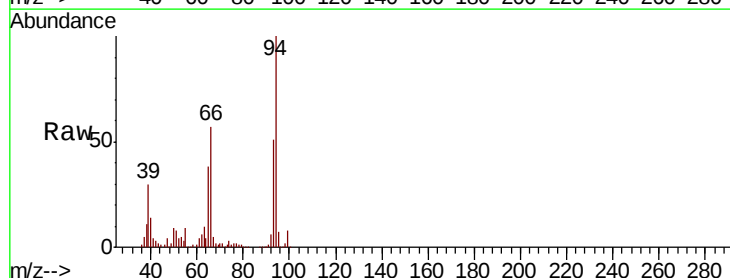
Tgt Ion: 94 Resp: 477859

Ion Ratio Lower Upper

94 100

65 37.6 17.1 57.1

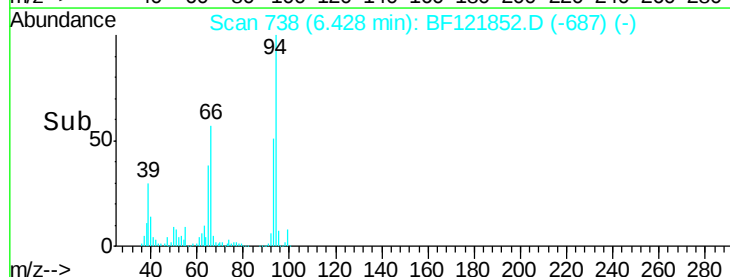
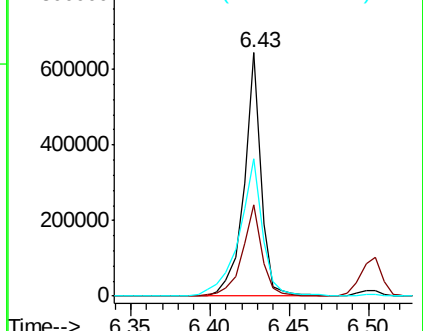
66 56.6 36.0 76.0



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

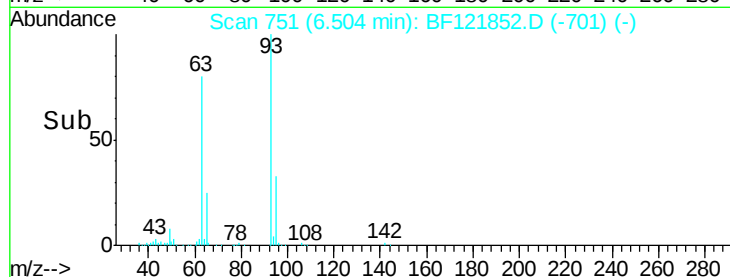
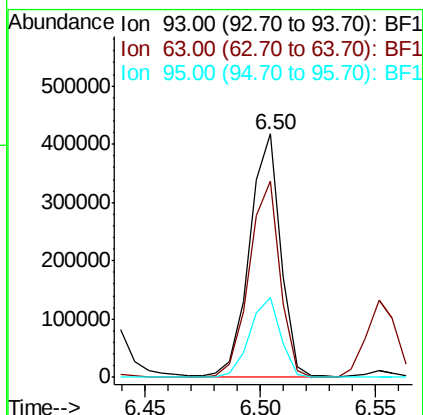
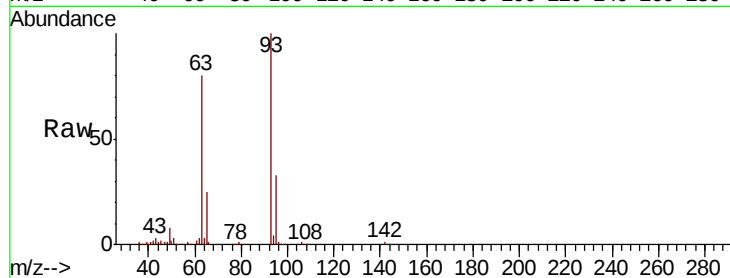




#11
bis(2-Chloroethyl)ether
Concen: 44.225 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

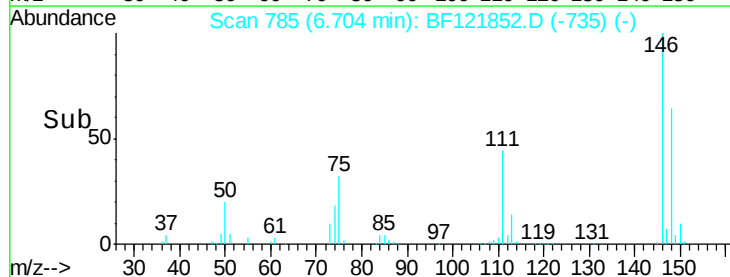
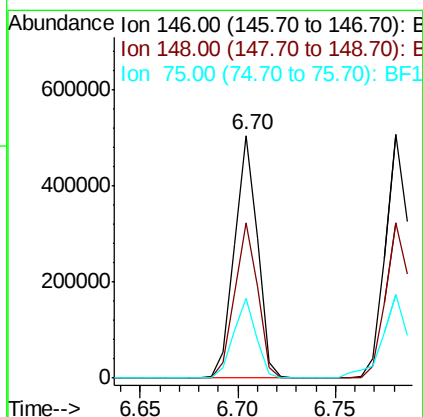
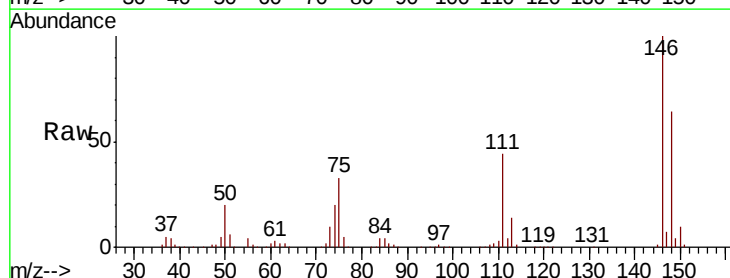
Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MSD

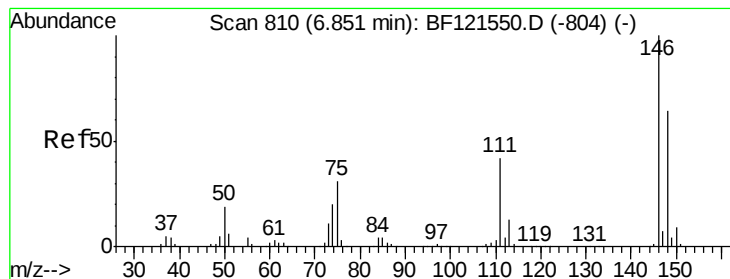
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.4	62.4	102.4
95	32.8	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 43.314 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.4
75	32.6	27.6	41.4





#13

1,4-Dichlorobenzene

Concen: 43.190 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MSD

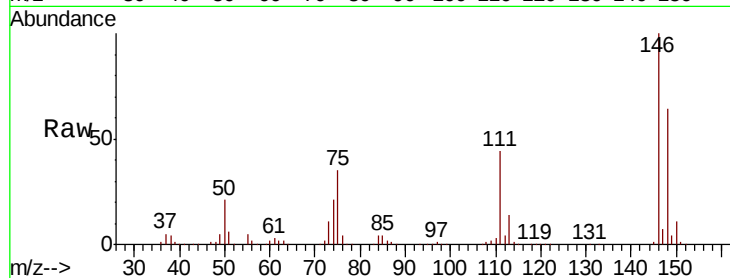
Tot Ion:146 Resp: 414226

Ion Ratio Lower Upper

146 100

148 63.9 50.1 75.1

111 44.0 34.6 52.0



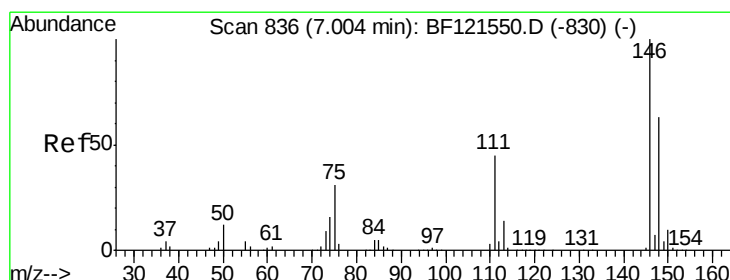
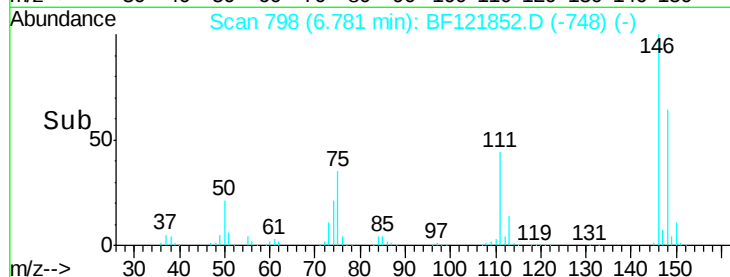
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.78

Time-->



#14

1,2-Dichlorobenzene

Concen: 44.712 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

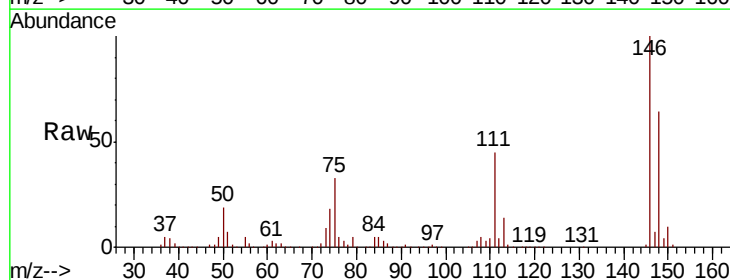
Tgt Ion:146 Resp: 395041

Ion Ratio Lower Upper

146 100

148 63.9 51.1 76.7

111 45.0 34.2 51.4



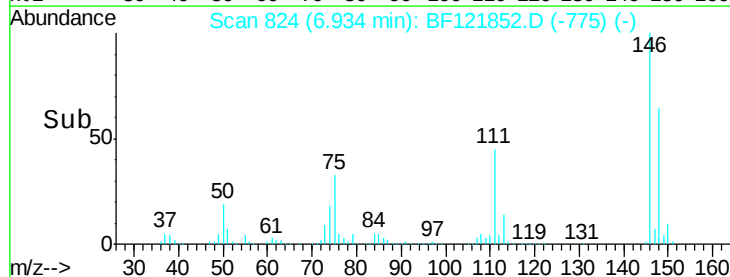
Abundance Ion 146.00 (145.70 to 146.70): E

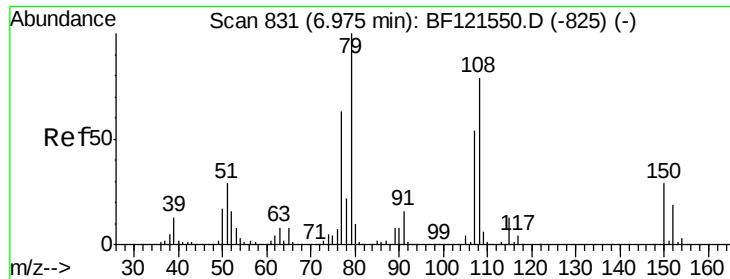
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.93

Time-->

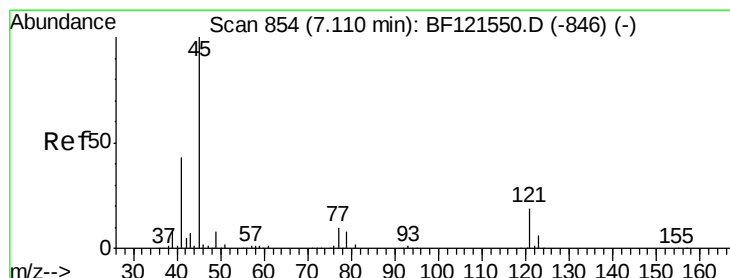
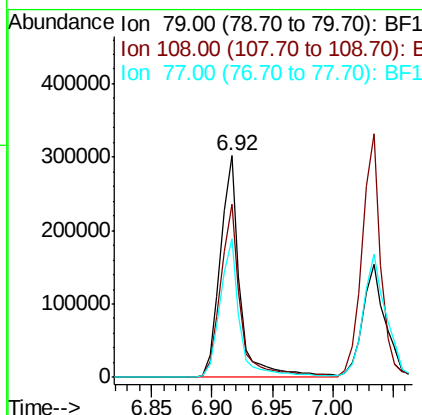
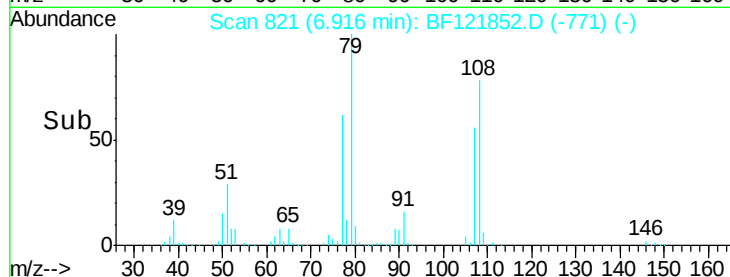
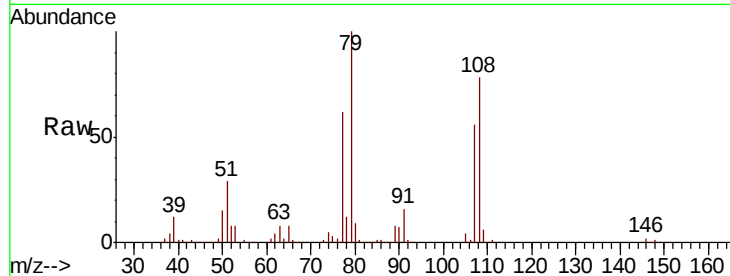




#15
Benzyl Alcohol
Concen: 45.238 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

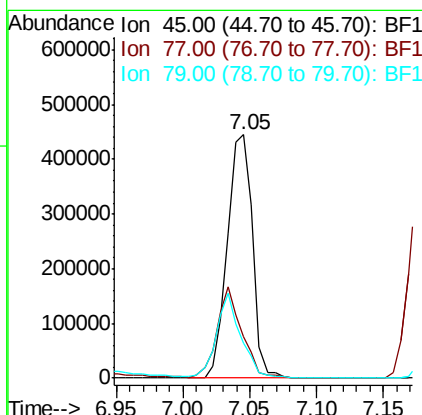
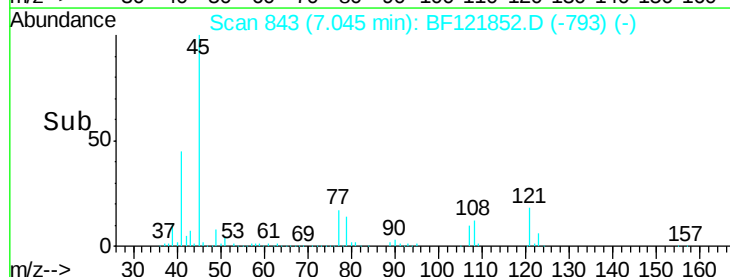
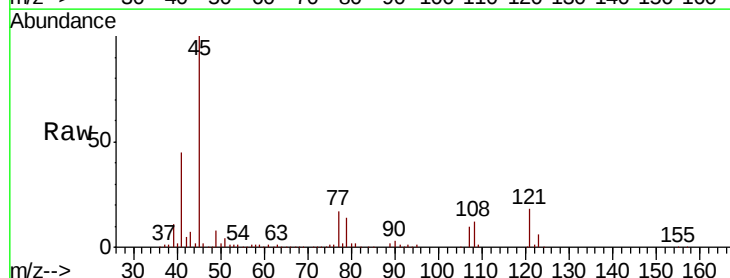
Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MSD

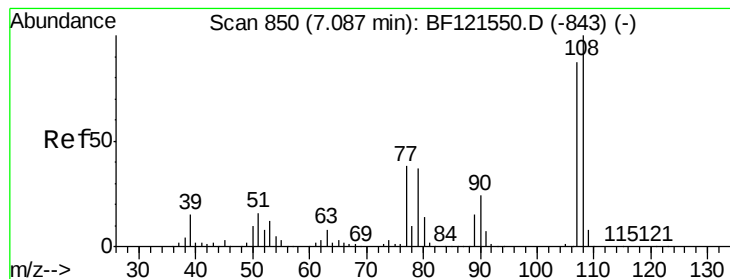
Tot Ion: 79 Resp: 339058
Ion Ratio Lower Upper
79 100
108 78.5 62.3 93.5
77 62.5 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.499 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Tgt Ion: 45 Resp: 591011
Ion Ratio Lower Upper
45 100
77 17.0 0.0 33.3
79 14.2 0.0 30.4





#17

2-Methylphenol

Concen: 43.081 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MSD

Tot Ion:107 Resp: 313688

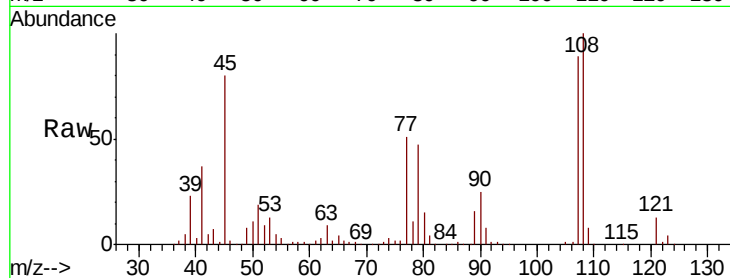
Ion Ratio Lower Upper

107 100

108 112.4 90.9 136.3

77 56.8 37.5 56.3#

79 52.4 37.4 56.0

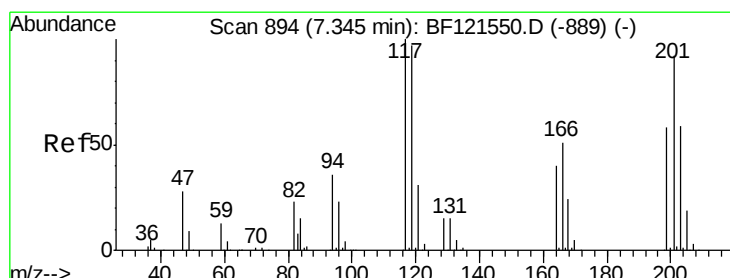
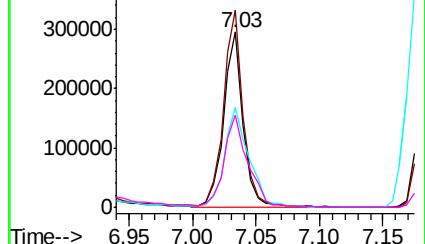
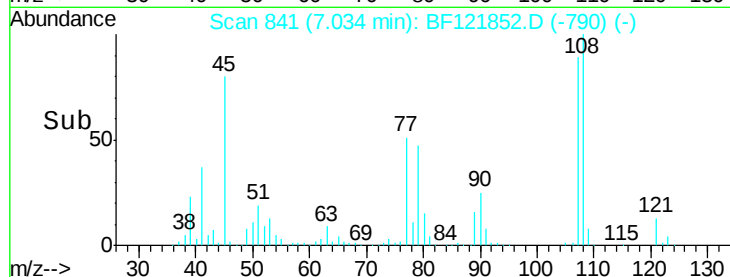


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.500 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

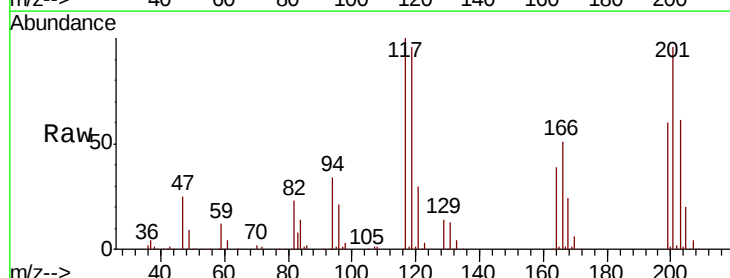
Tgt Ion:117 Resp: 149382

Ion Ratio Lower Upper

117 100

119 95.8 76.3 114.5

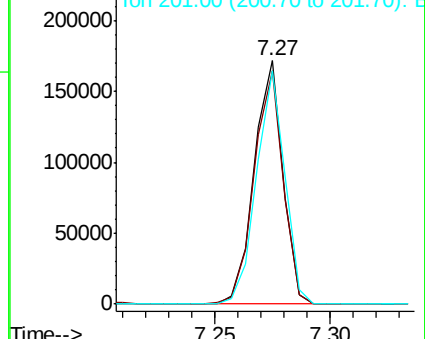
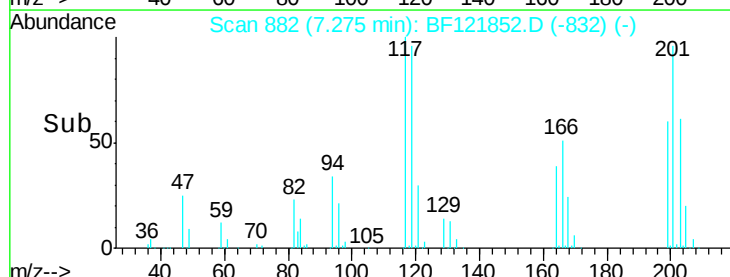
201 95.7 71.8 107.6



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

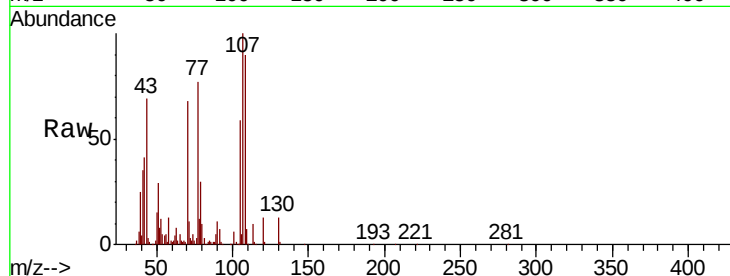




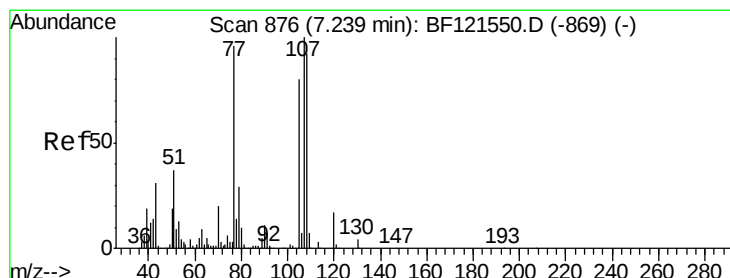
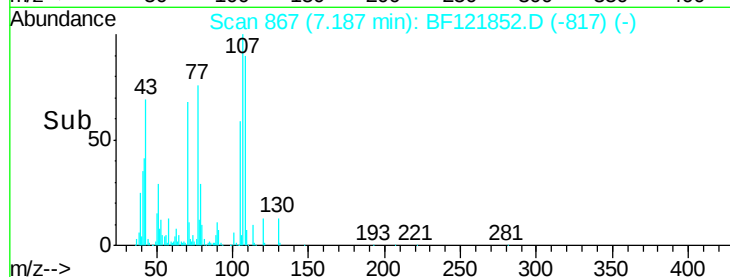
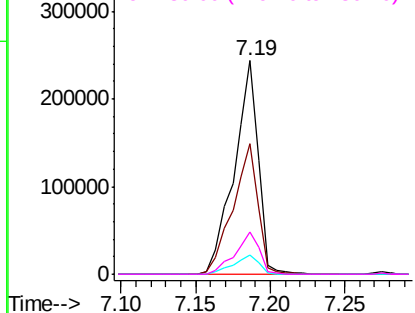
#19
n-Nitroso-di-n-propylamine
Concen: 43.207 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MSD

Tot Ion:	70	Resp:	274586
Ion	Ratio	Lower	Upper
70	100		
42	61.0	50.2	75.4
101	9.0	7.5	11.3
130	19.8	15.5	23.3

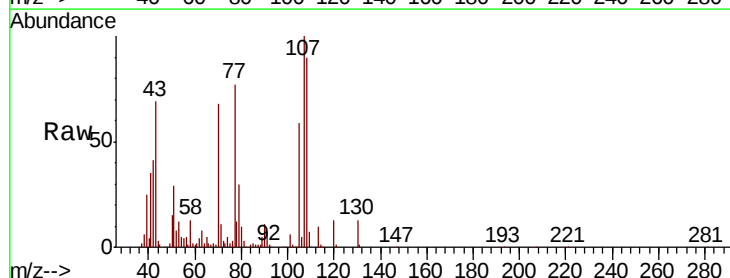


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

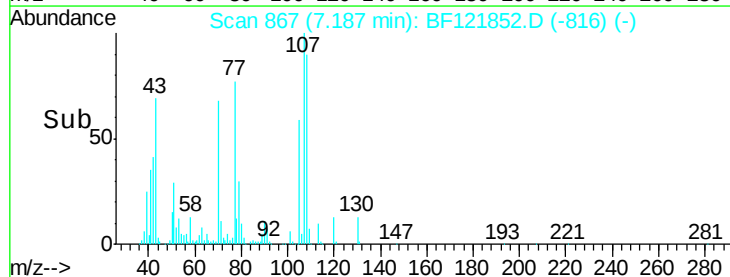
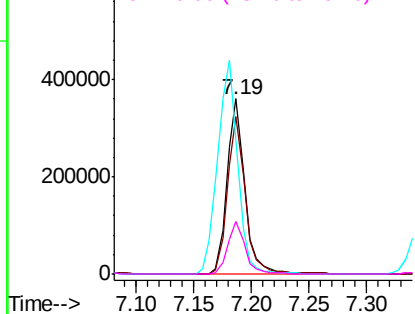


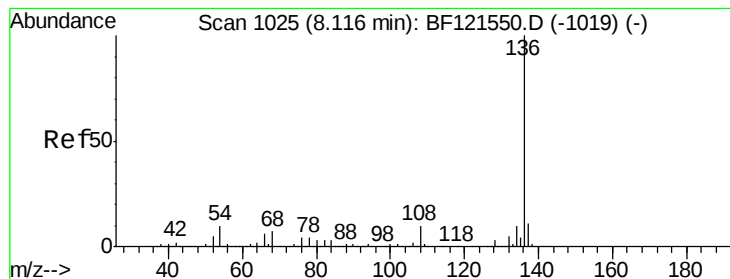
#20
3+4-Methylphenols
Concen: 43.503 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Tgt Ion:	107	Resp:	380582
Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.9	108.9
77	76.7	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# 1014

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MSD

Tot Ion:136 Resp: 476118

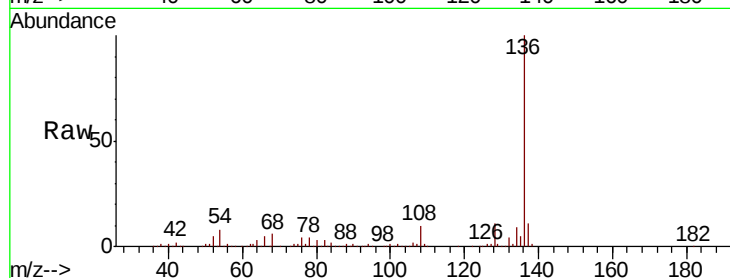
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.4 7.1 10.7

68 6.3 5.0 7.4

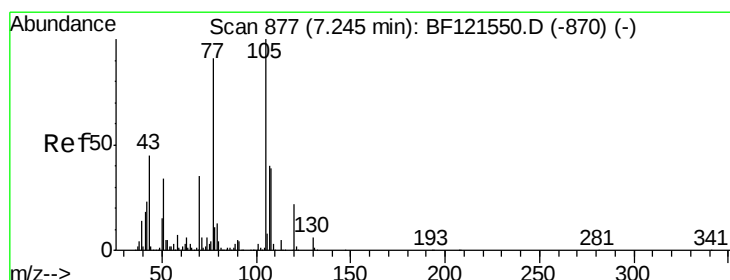
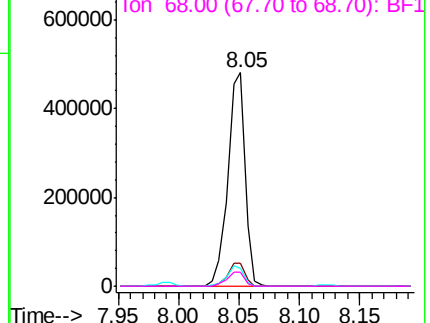
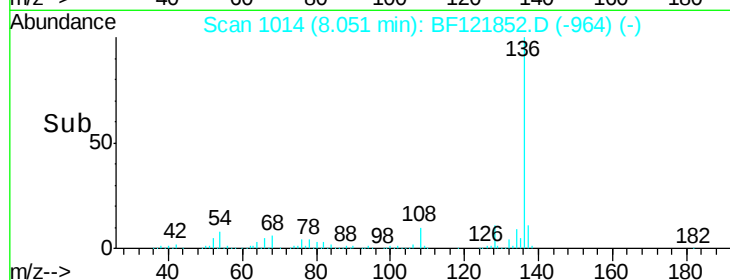


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.722 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

Tgt Ion:105 Resp: 516083

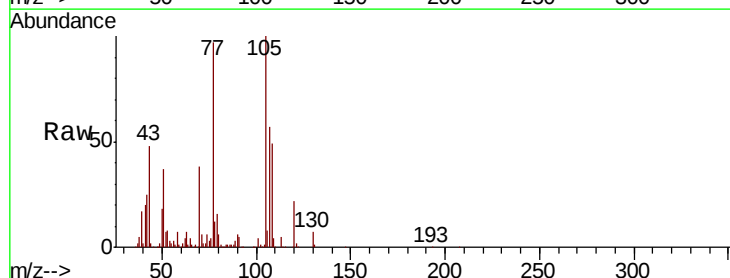
Ion Ratio Lower Upper

105 100

71 6.4 5.3 7.9

51 37.1 33.2 49.8

120 22.4 17.4 26.0

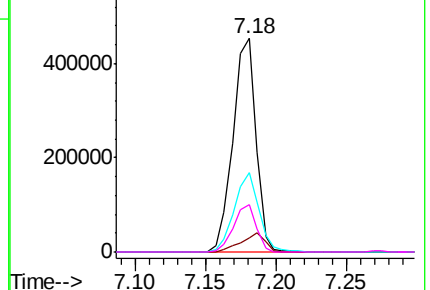
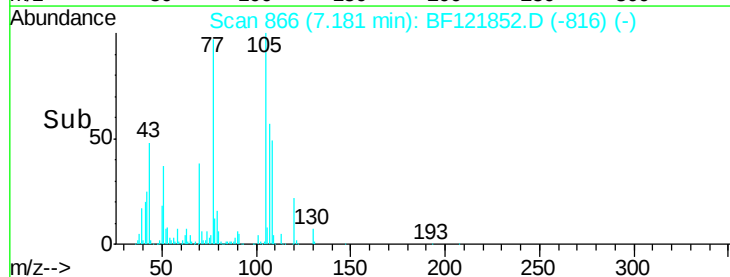


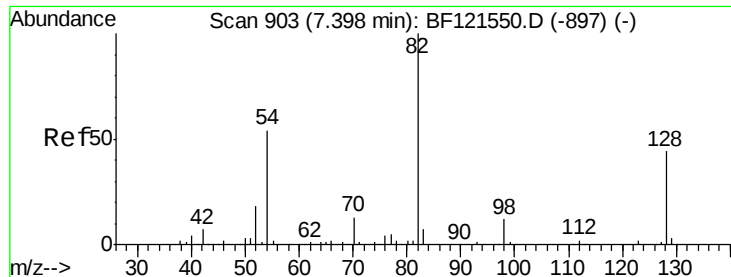
Abundance Ion 105.00 (104.70 to 105.70): E

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

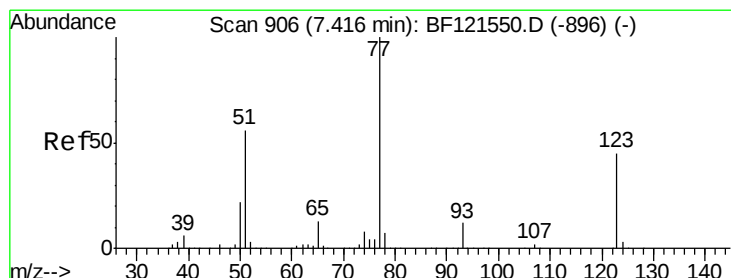
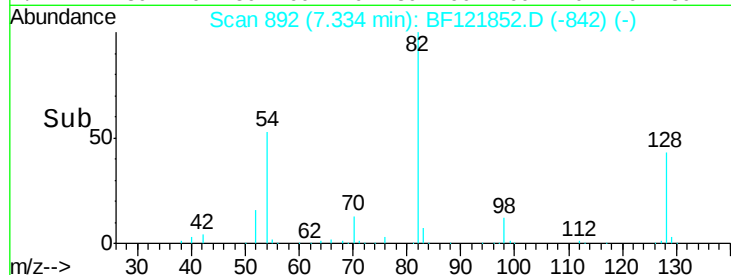
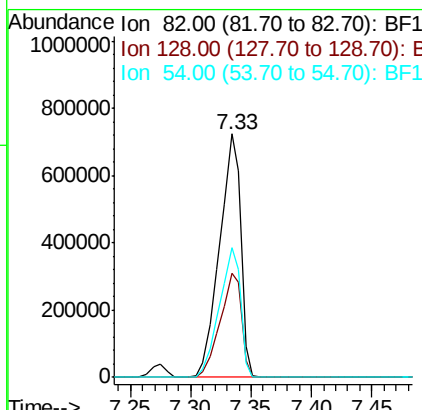
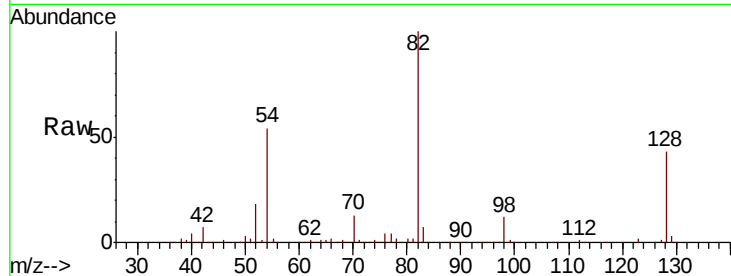




#23
Nitrobenzene-d5
Concen: 98.669 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

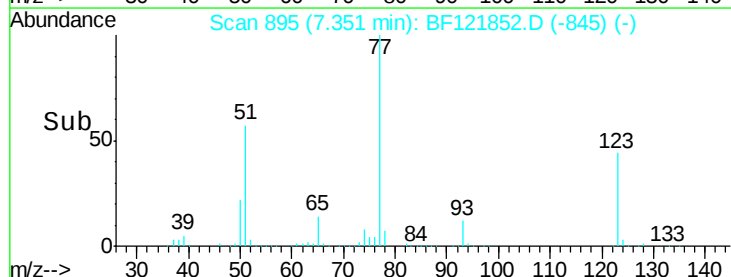
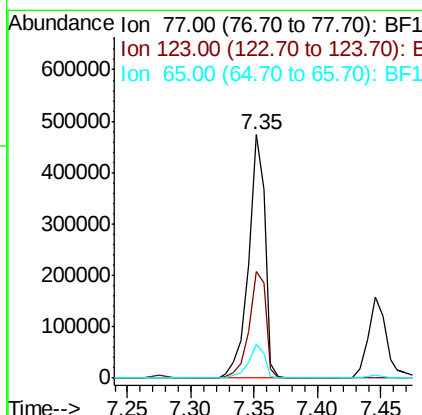
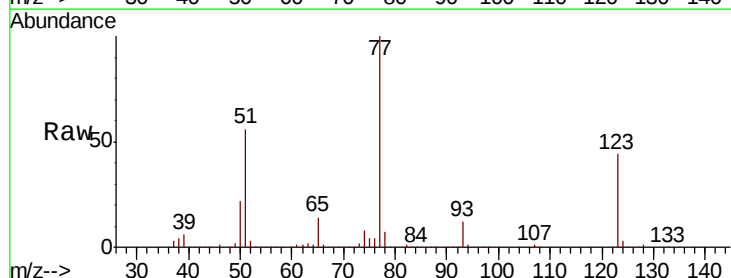
Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MSD

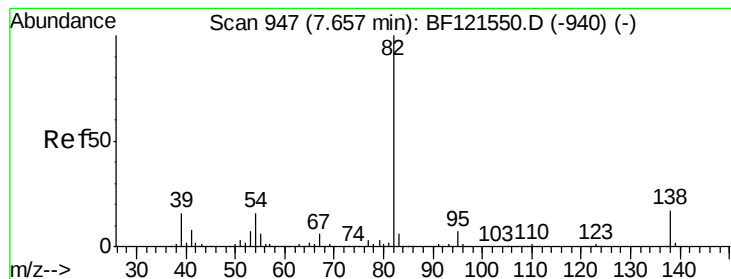
Tot Ion: 82 Resp: 874954
Ion Ratio Lower Upper
82 100
128 43.0 35.0 52.4
54 53.5 43.9 65.9



#24
Nitrobenzene
Concen: 44.356 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Tgt Ion: 77 Resp: 425412
Ion Ratio Lower Upper
77 100
123 44.0 35.6 53.4
65 13.8 11.2 16.8





#25

Isophorone

Concen: 41.906 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MSD

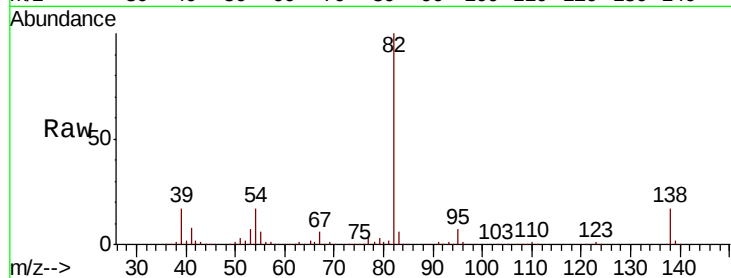
Tot Ion: 82 Resp: 748050

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

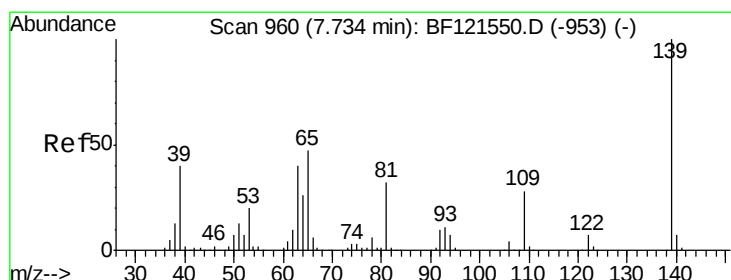
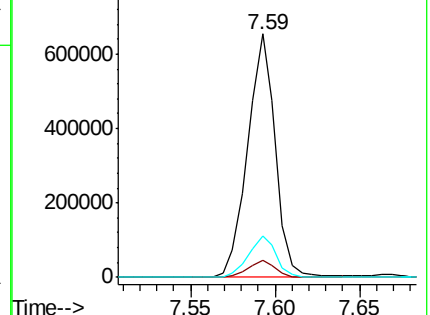
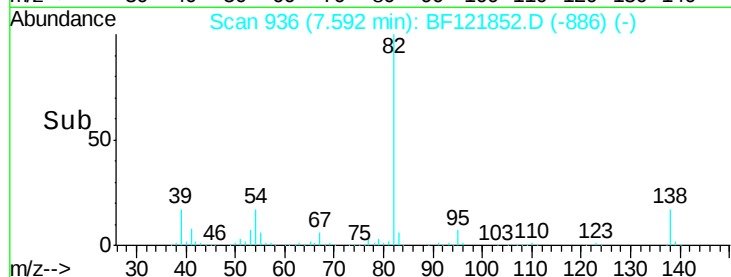
138 17.1 13.4 20.0



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: 44.439 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

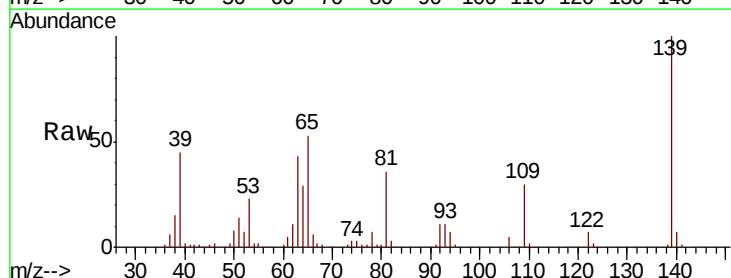
Tgt Ion: 139 Resp: 199743

Ion Ratio Lower Upper

139 100

109 30.2 23.0 34.4

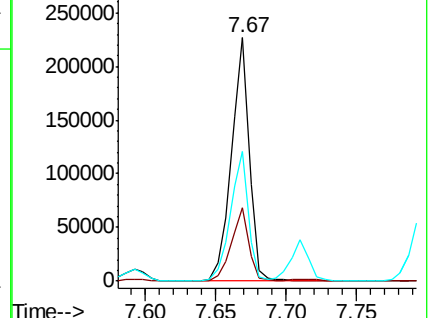
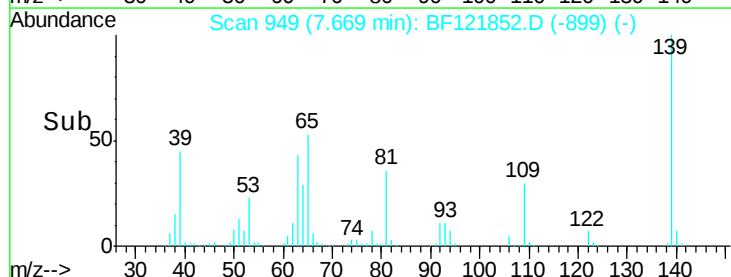
65 53.4 39.9 59.9

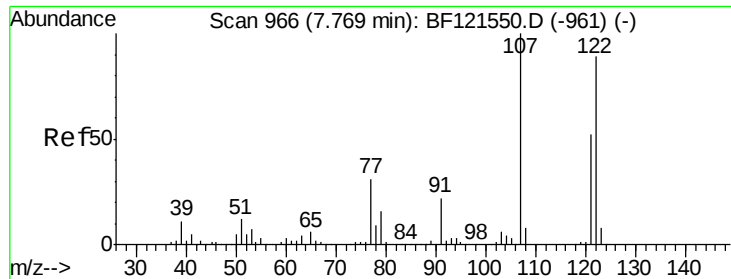


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

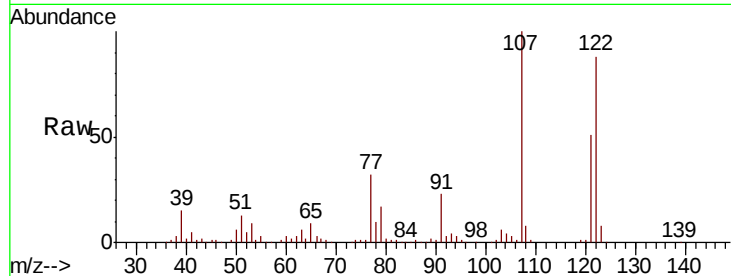




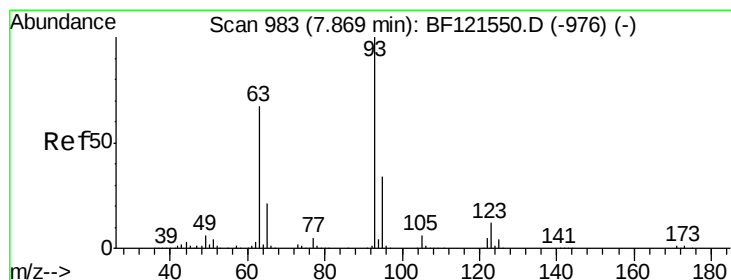
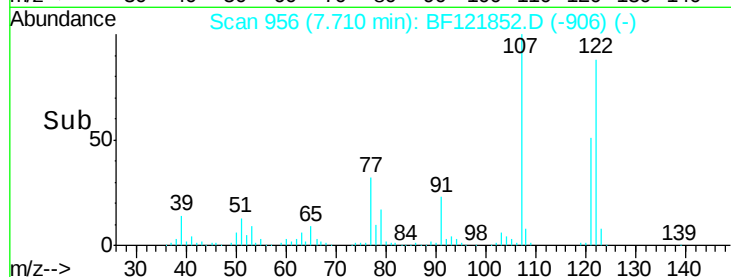
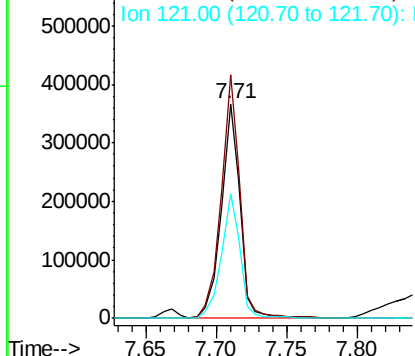
#27
2,4-Dimethylphenol
Concen: 42.286 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MSD

Tot Ion:122 Resp: 336939
Ion Ratio Lower Upper
122 100
107 113.7 90.8 136.2
121 58.3 47.5 71.3

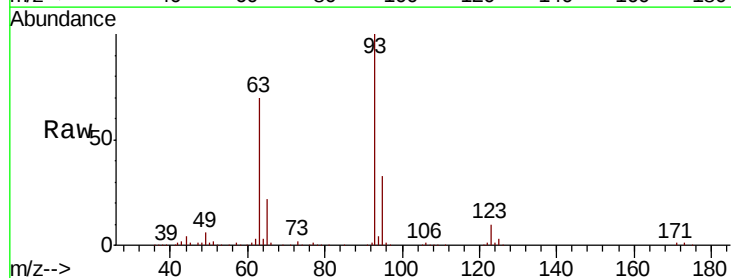


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

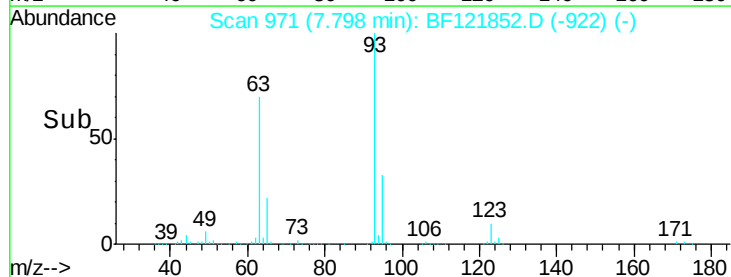
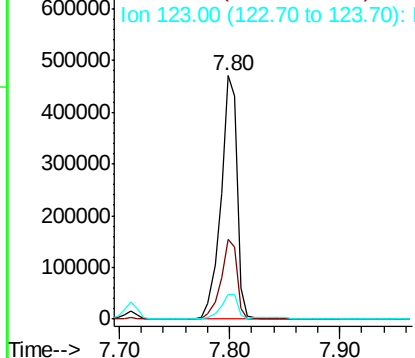


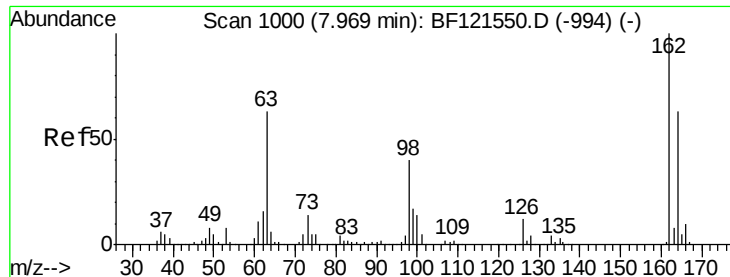
#28
bis(2-Chloroethoxy)methane
Concen: 43.628 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Tgt Ion: 93 Resp: 482127
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.4
123 10.4 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

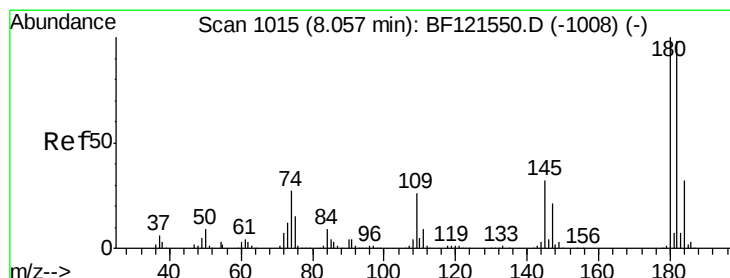
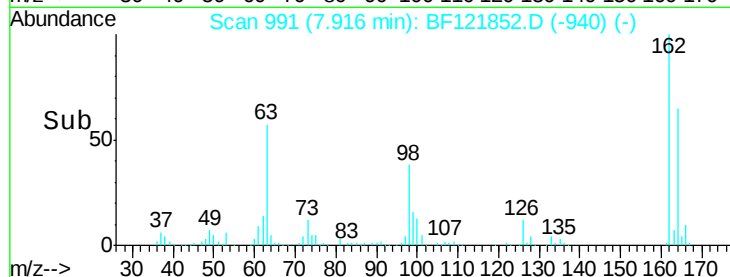
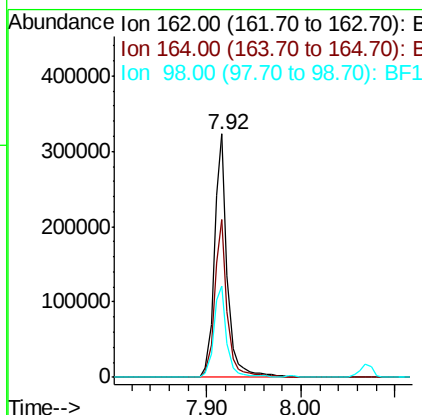
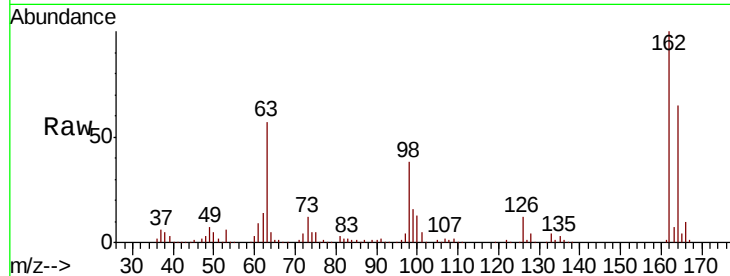




#29
 2,4-Dichlorophenol
 Concen: 42.959 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

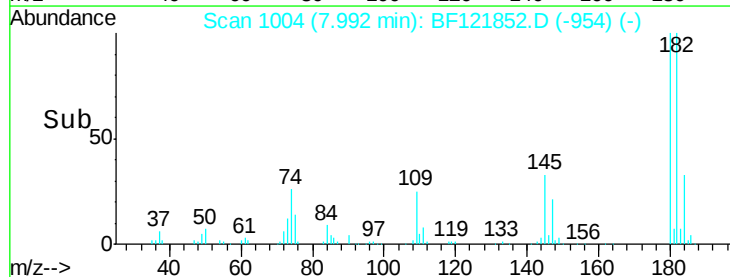
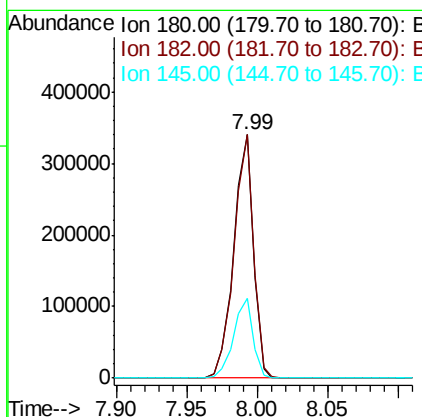
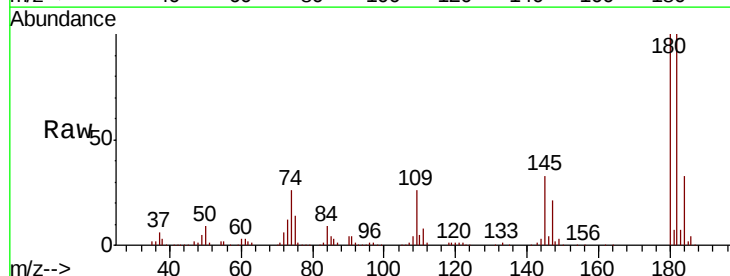
Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MSD

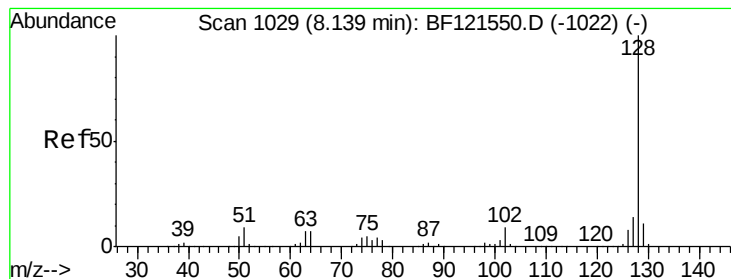
Tot Ion:162 Resp: 311769
 Ion Ratio Lower Upper
 162 100
 164 65.1 42.5 82.5
 98 37.7 20.1 60.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.266 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

Tgt Ion:180 Resp: 330698
 Ion Ratio Lower Upper
 180 100
 182 99.9 79.4 119.2
 145 32.6 25.5 38.3





#31

Naphthalene

Concen: 43.269 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MSD

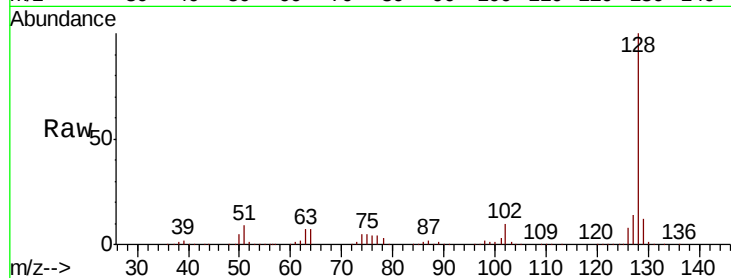
Tot Ion:128 Resp: 1087504

Ion Ratio Lower Upper

128 100

129 11.6 8.7 13.1

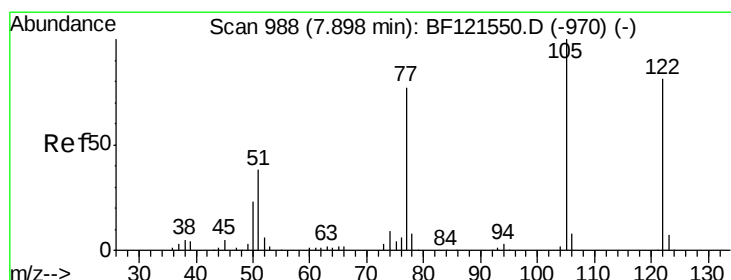
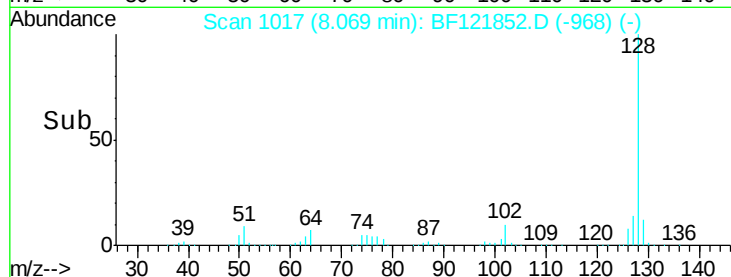
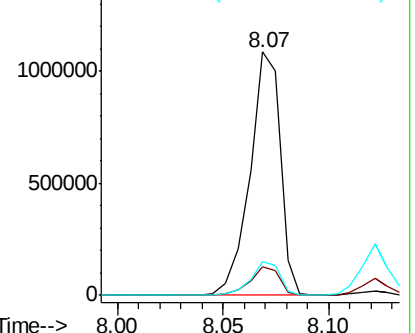
127 13.6 10.8 16.2



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: 22.427 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

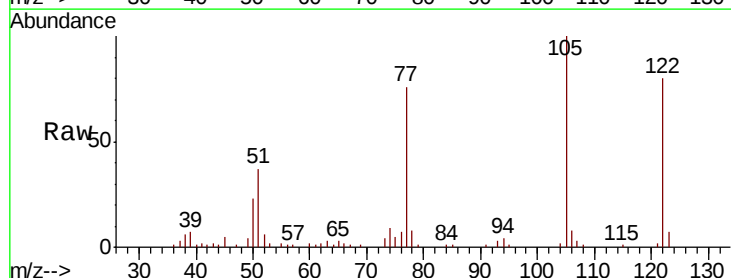
Tgt Ion:122 Resp: 107648

Ion Ratio Lower Upper

122 100

105 125.7 103.3 143.3

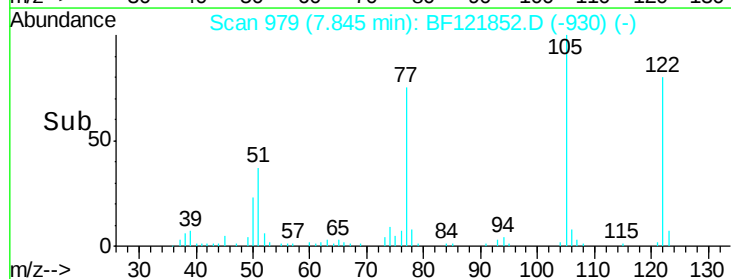
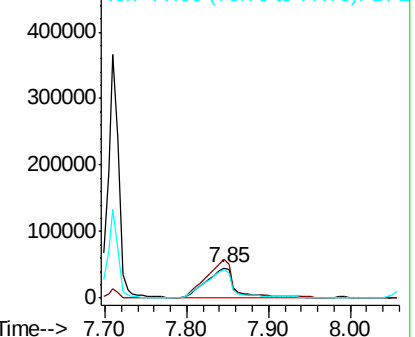
77 94.9 73.9 113.9

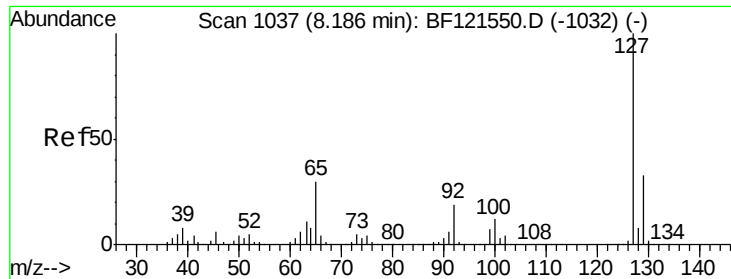


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

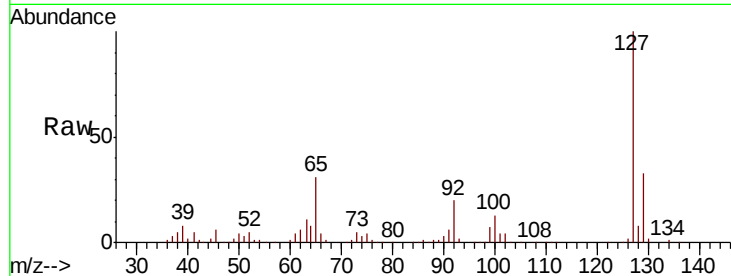




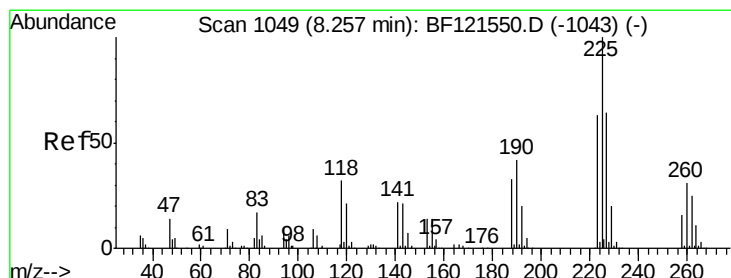
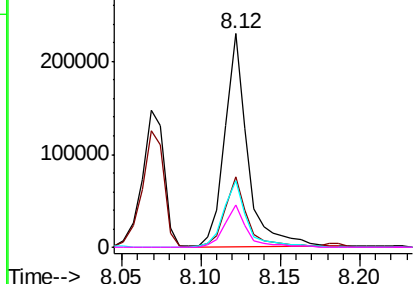
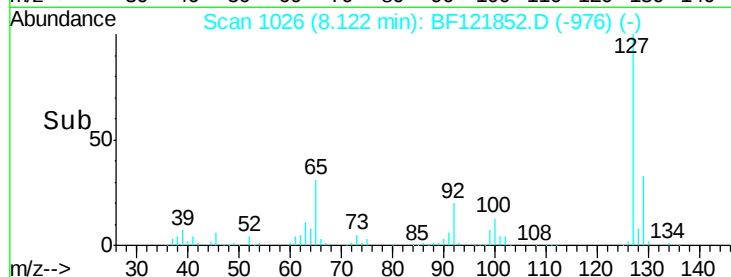
#33
4-Chloroaniline
Concen: 21.078 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MSD

Tot Ion:127	Resp:	229636
Ion Ratio	Lower	Upper
127	100	
129	32.9	26.3 39.5
65	31.2	26.2 39.2
92	19.6	15.9 23.9

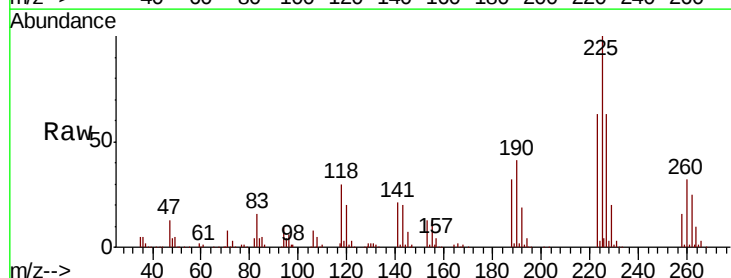


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

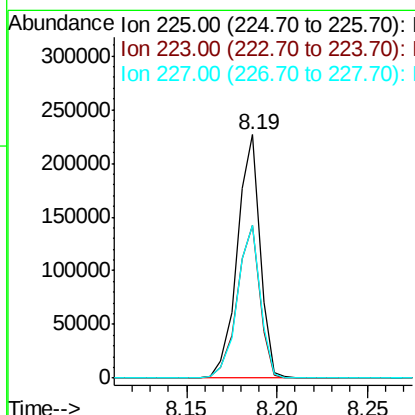
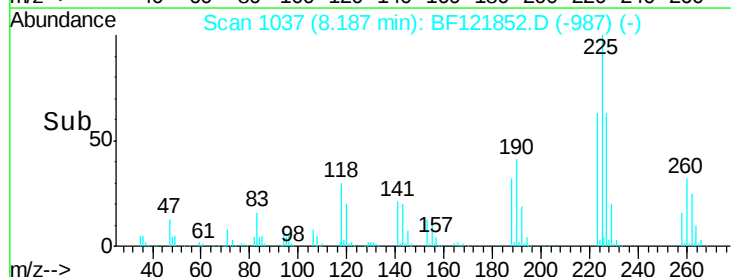


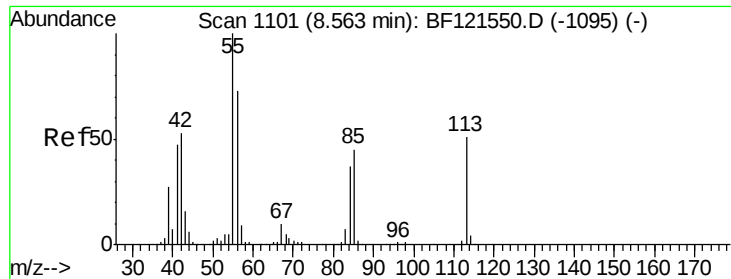
#34
Hexachlorobutadiene
Concen: 44.178 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Tgt Ion:225	Resp:	198199
Ion Ratio	Lower	Upper
225	100	
223	62.9	51.1 76.7
227	62.7	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: 39.599 ng

RT: 8.50 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MSD

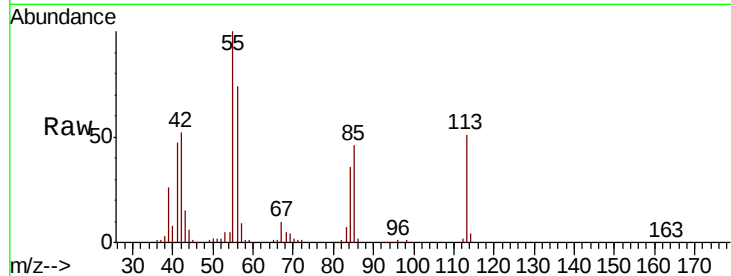
Tot Ion:113 Resp: 95704

Ion Ratio Lower Upper

113 100

55 196.3 167.5 207.5

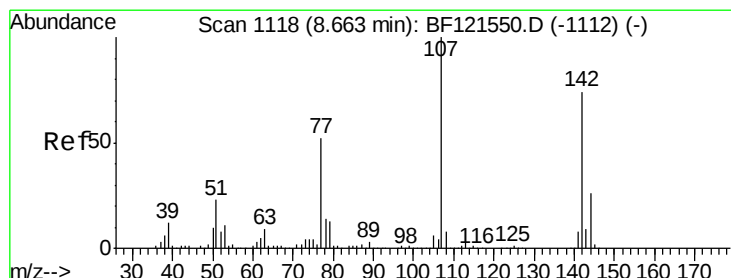
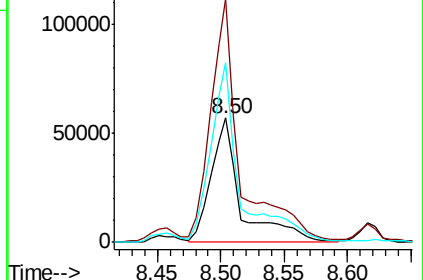
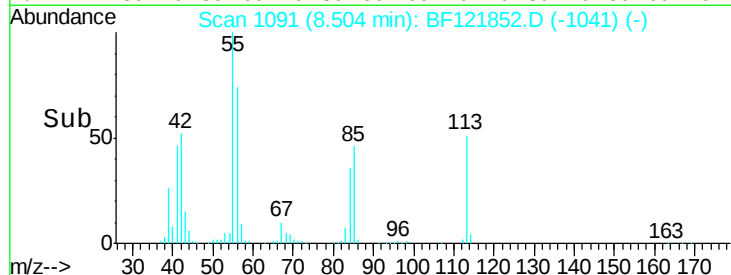
56 144.3 121.2 161.2



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: 42.434 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

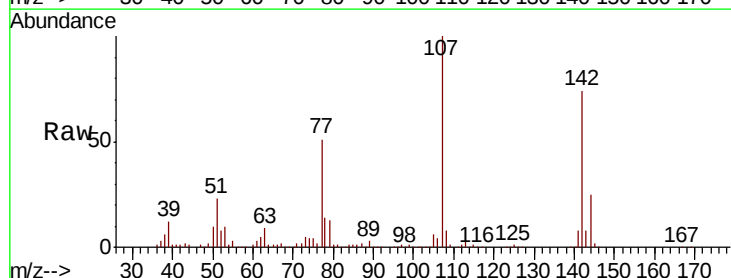
Tgt Ion:107 Resp: 331755

Ion Ratio Lower Upper

107 100

144 24.6 20.1 30.1

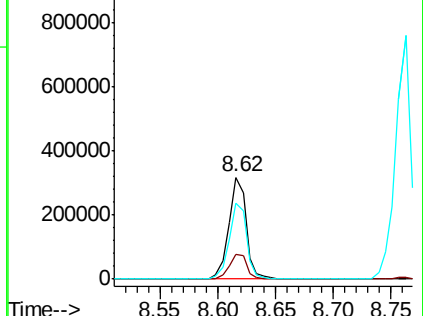
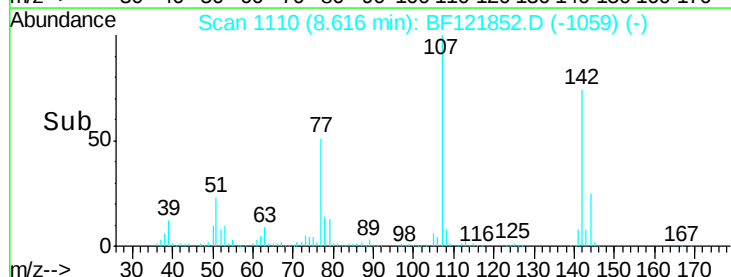
142 74.1 59.3 88.9



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: 42.141 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MSD

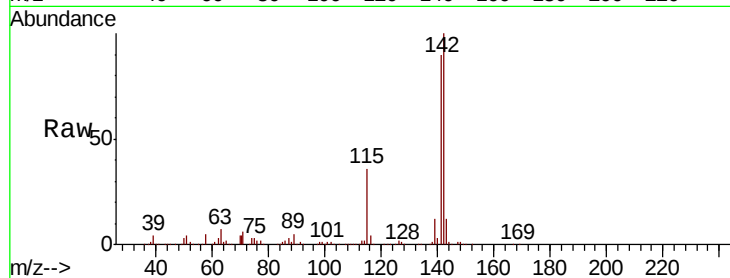
Tot Ion:142 Resp: 694101

Ion Ratio Lower Upper

142 100

141 89.8 70.2 105.4

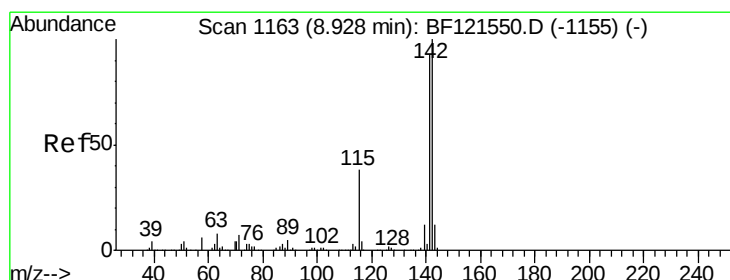
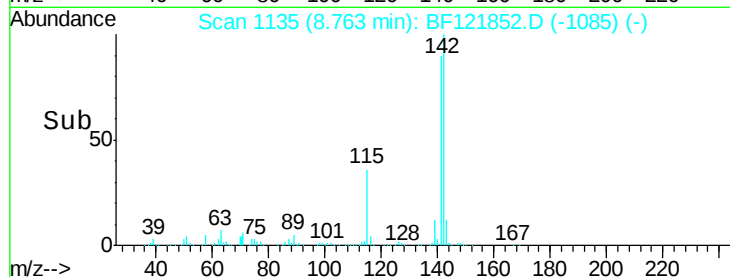
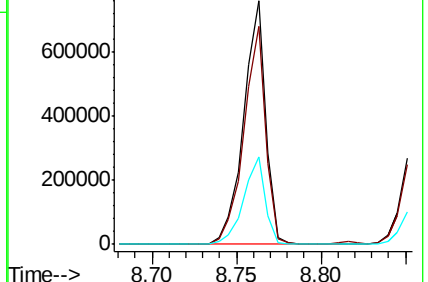
115 36.2 28.6 43.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.932 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

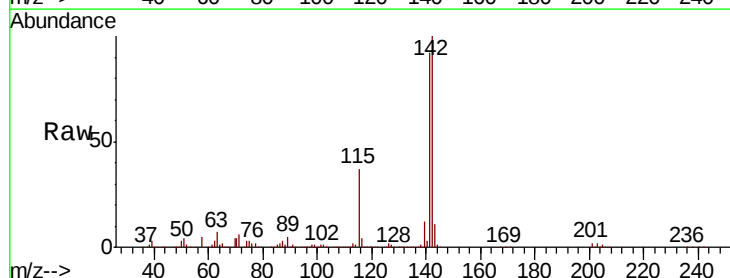
Tgt Ion:142 Resp: 642778

Ion Ratio Lower Upper

142 100

141 92.5 74.5 111.7

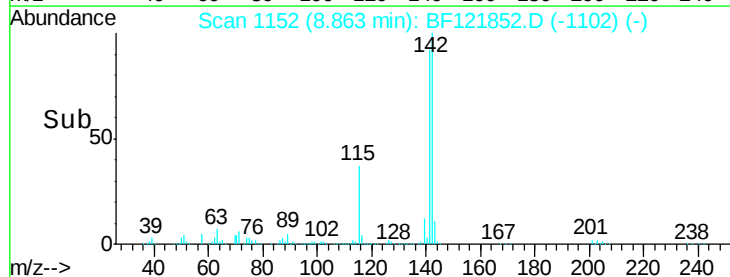
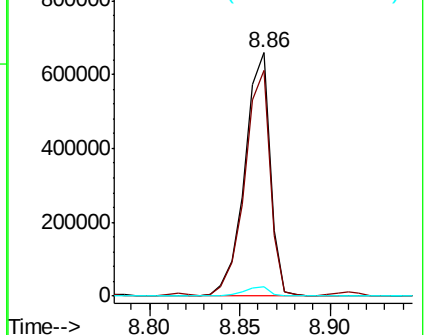
116 3.6 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MSD

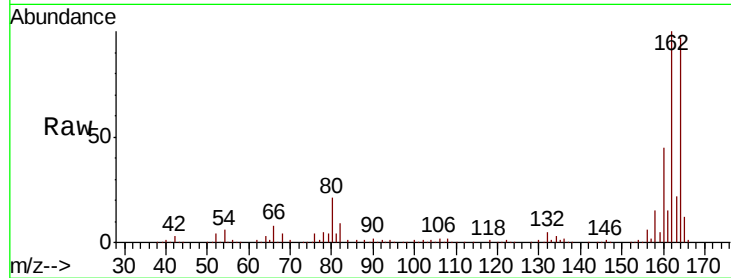
Tot Ion:164 Resp: 232043

Ion Ratio Lower Upper

164 100

162 103.2 83.2 124.8

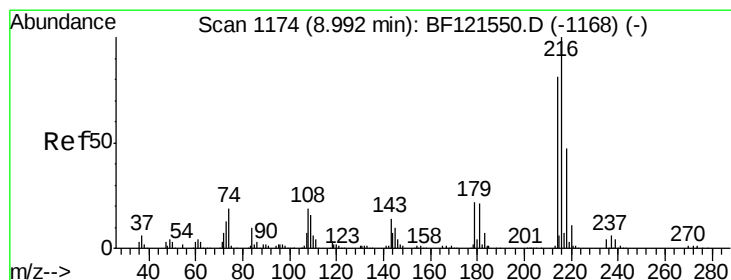
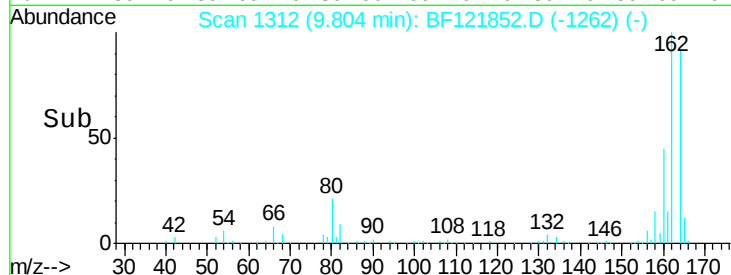
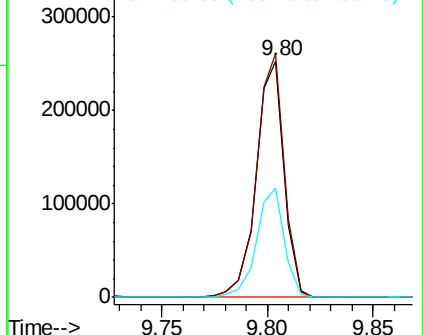
160 46.1 37.5 56.3



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: 44.692 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

Tgt Ion:216 Resp: 323937

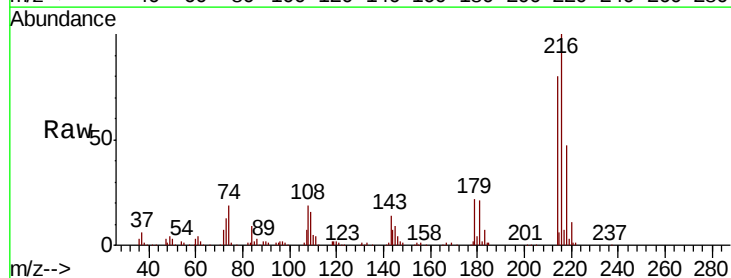
Ion Ratio Lower Upper

216 100

214 80.3 63.4 95.2

179 21.0 17.0 25.6

108 18.8 15.5 23.3

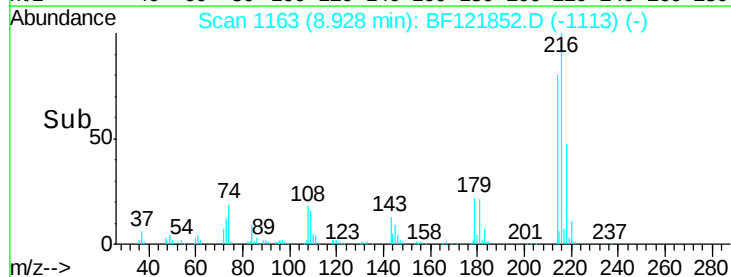
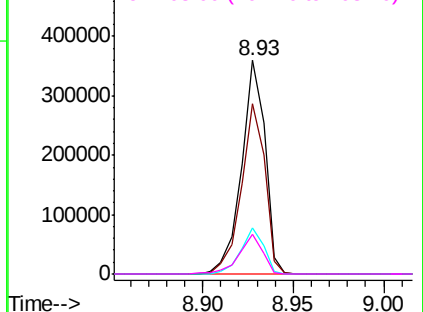


Abundance Ion 216.00 (215.70 to 216.70): E

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: 18.814 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

Instrument :

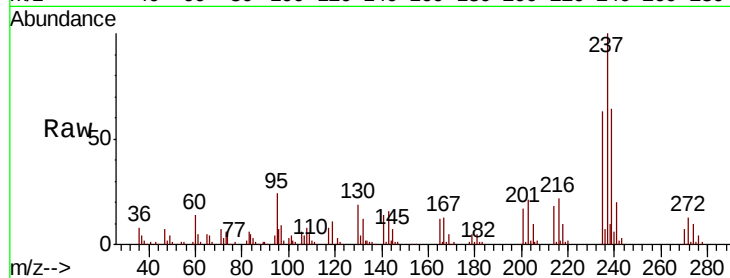
BNA_F

ClientSampleId :

B-15(3-4)MSD

Tot Ion:237 Resp: 77876

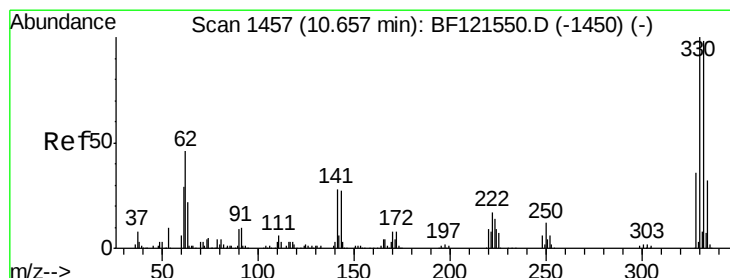
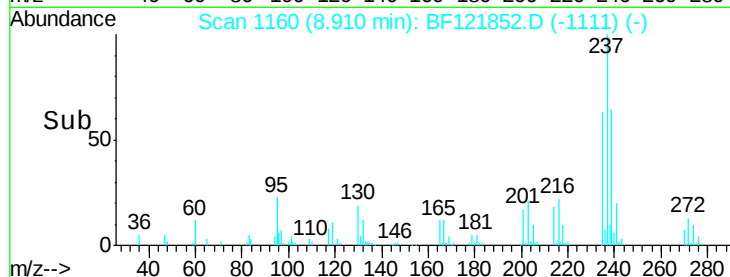
Ion	Ratio	Lower	Upper
237	100		
235	62.6	41.8	81.8
272	13.5	0.0	33.5



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: 104.937 ng

RT: 10.59 min Scan# 1446

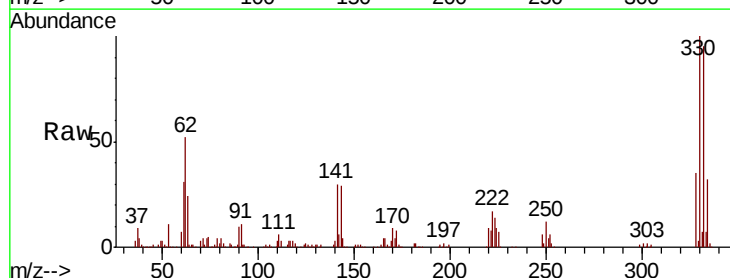
Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

Tgt Ion:330 Resp: 302637

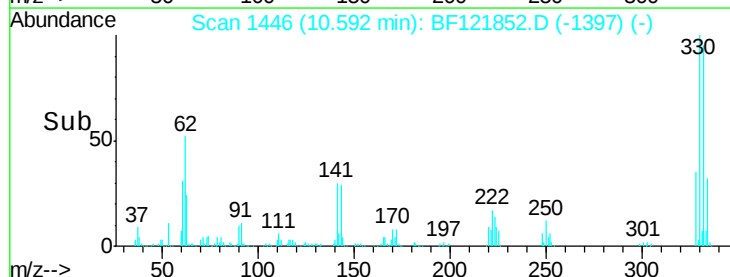
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	27.9	22.3	33.5



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

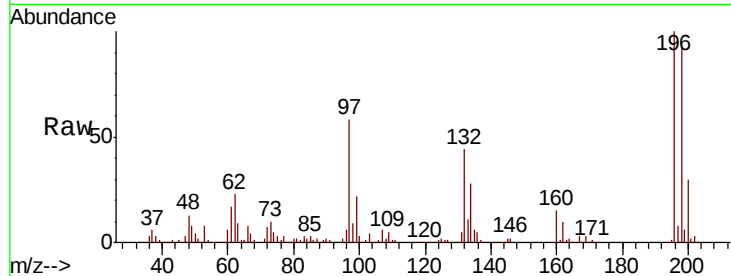




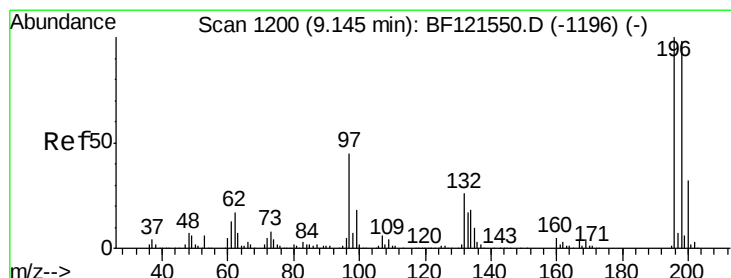
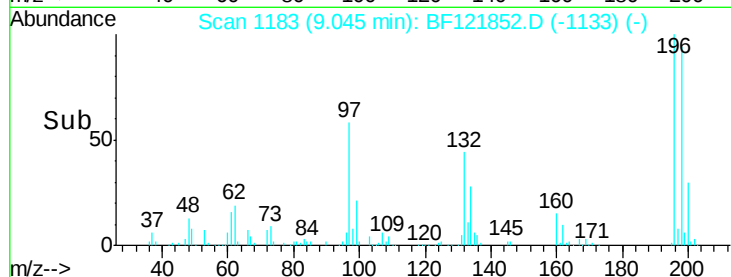
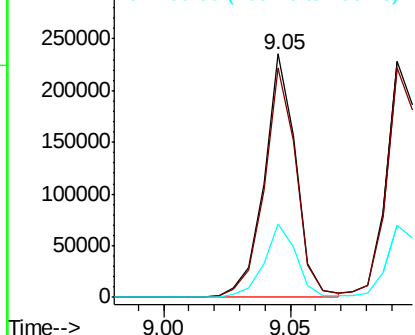
#43
 2,4,6-Trichlorophenol
 Concen: 41.684 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MSD

Tot Ion:196 Resp: 205942
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.8 113.6
 200 30.1 24.6 36.8

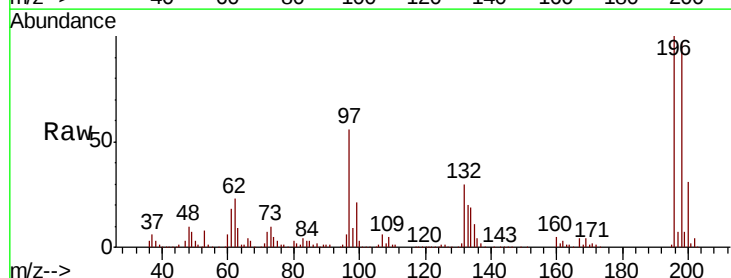


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

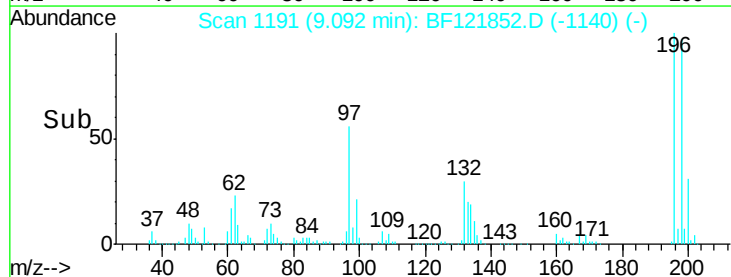
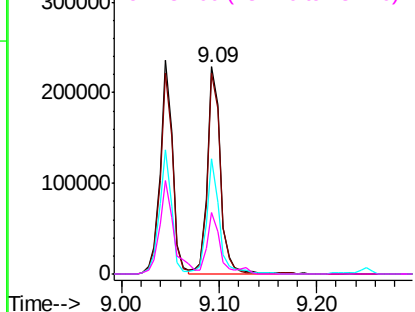


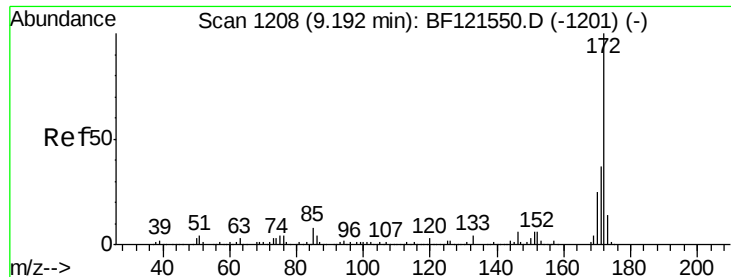
#44
 2,4,5-Trichlorophenol
 Concen: 40.972 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

Tgt Ion:196 Resp: 213993
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.1 114.1
 97 55.7 41.0 61.6
 132 29.7 22.4 33.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

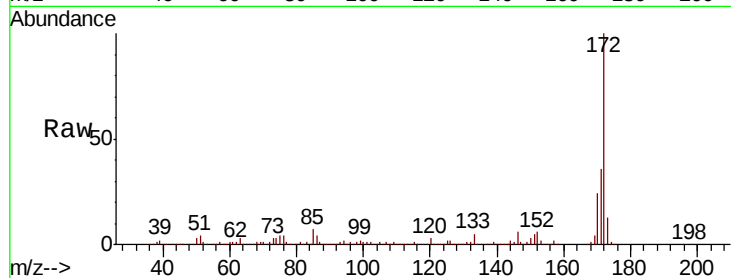




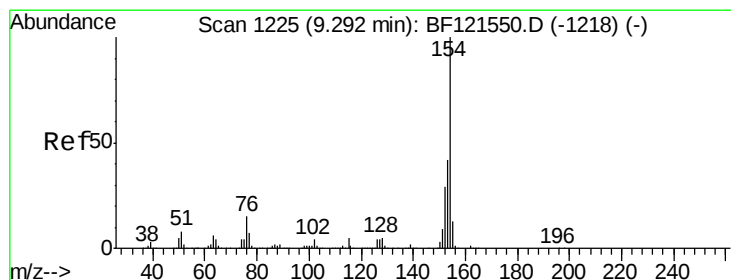
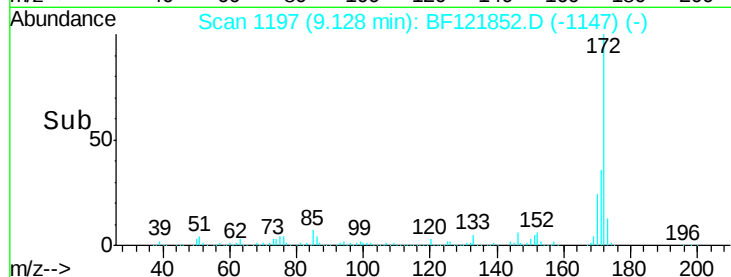
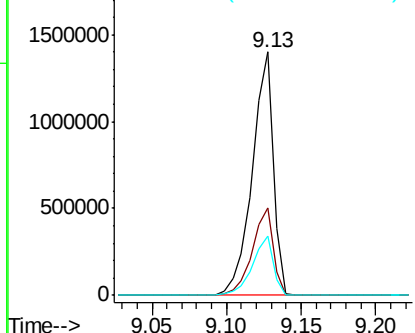
#45
 2-Fluorobiphenyl
 Concen: 88.479 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MSD

Tot Ion:172 Resp: 1355594
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.1 43.7
 170 24.2 19.8 29.6

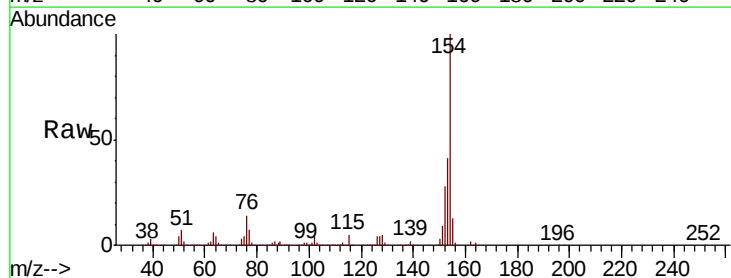


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

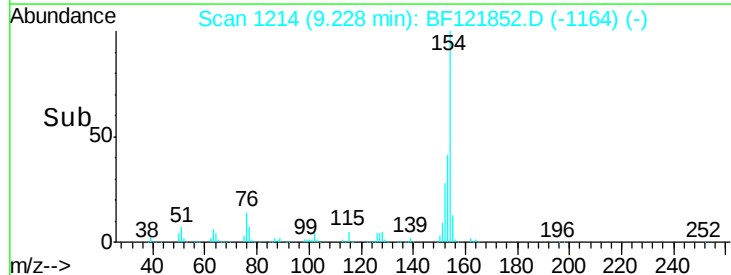
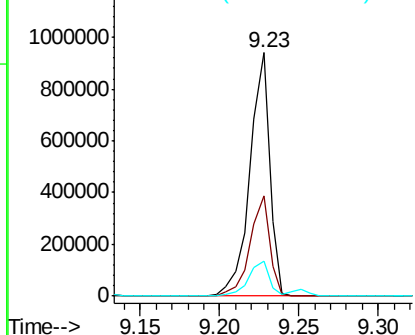


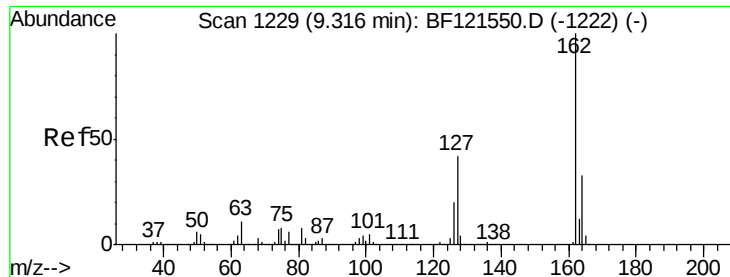
#46
 1,1'-Biphenyl
 Concen: 43.914 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

Tgt Ion:154 Resp: 815766
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.3 61.3
 76 14.2 0.0 34.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

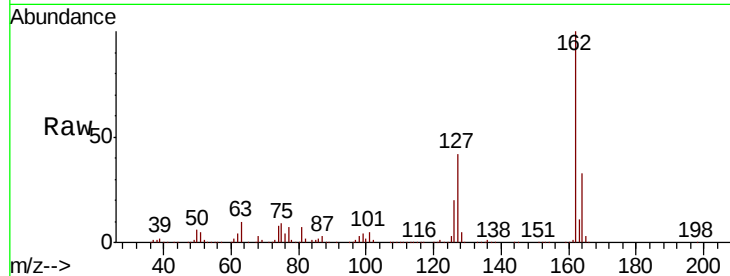




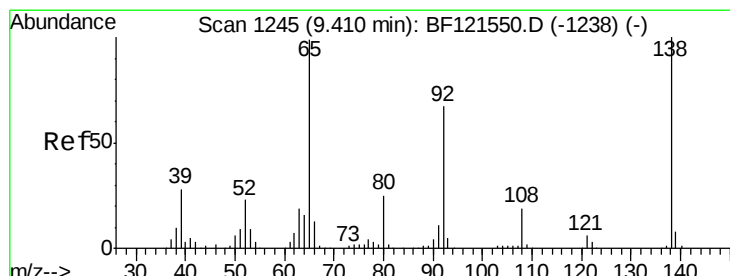
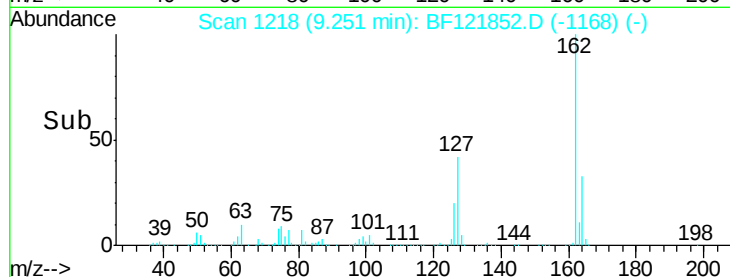
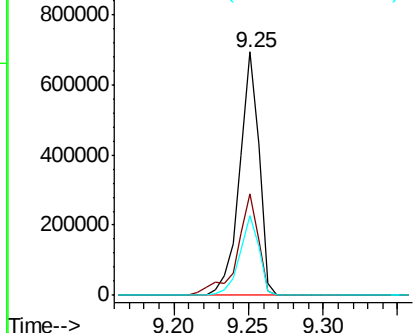
#47
 2-Chloronaphthalene
 Concen: 43.006 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	34.4	51.6
164	32.8	26.3	39.5

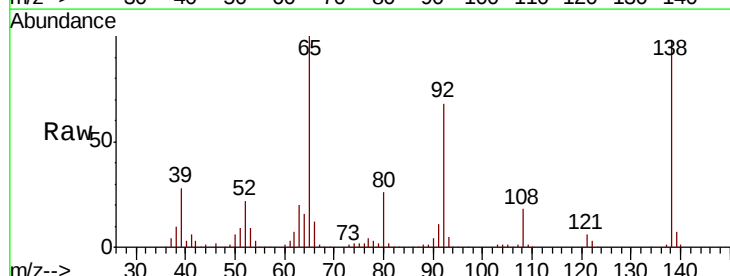


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

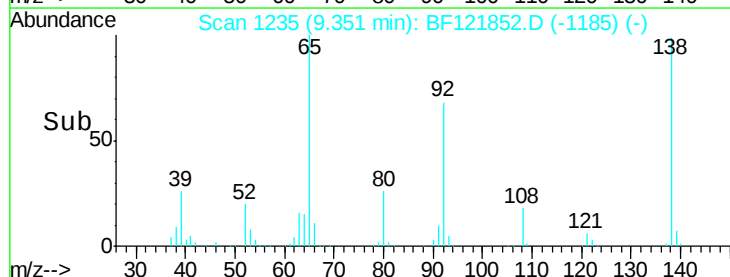
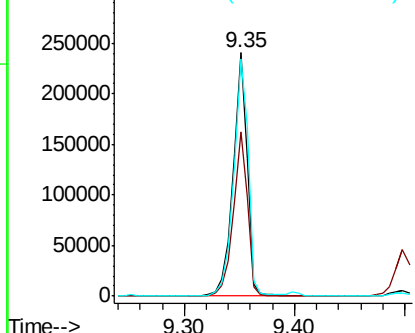


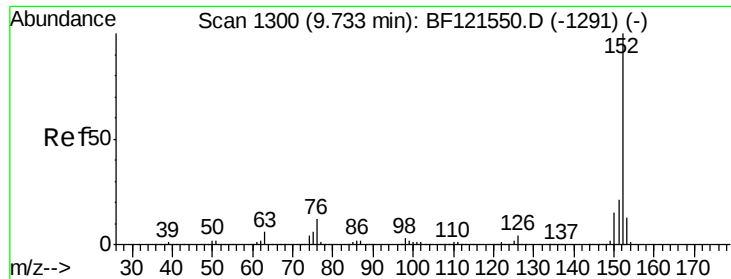
#48
 2-Nitroaniline
 Concen: 47.727 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	55.1	82.7
138	97.6	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: 42.455 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MSD

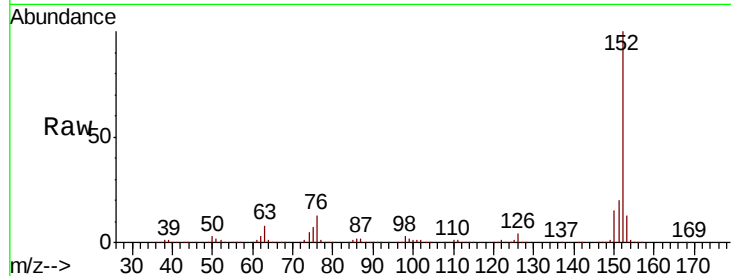
Tot Ion:152 Resp: 954897

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

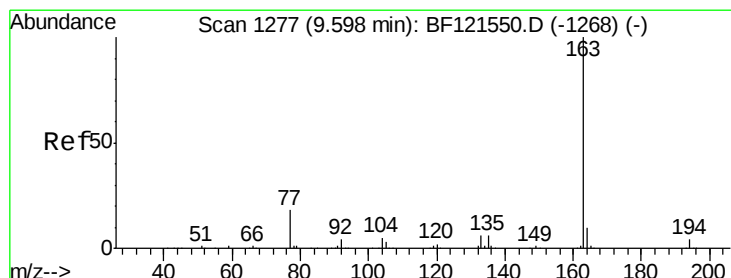
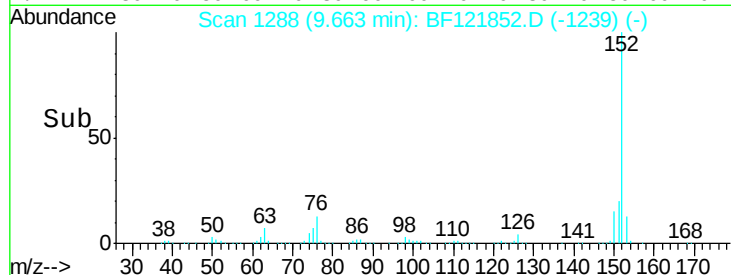
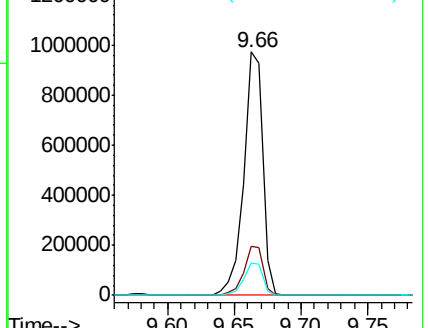
153 13.5 10.6 15.8



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: 55.170 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

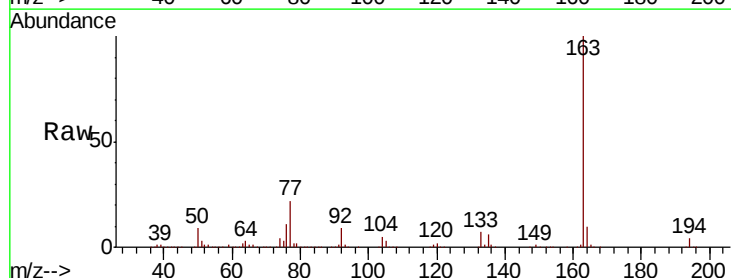
Tgt Ion:163 Resp: 927853

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

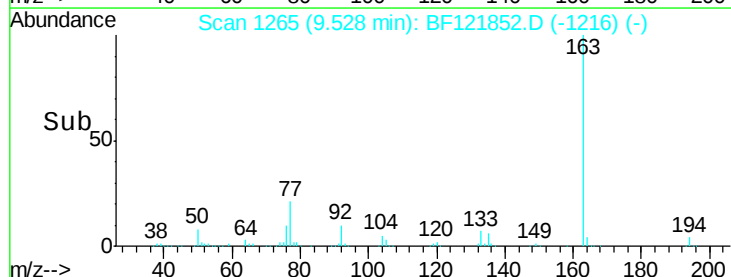
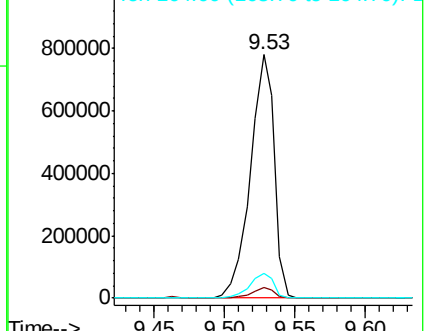
164 10.3 8.2 12.4

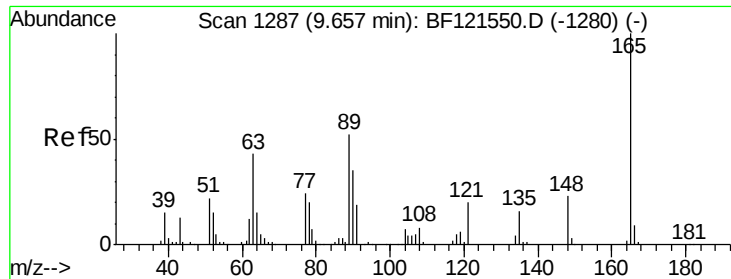


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.983 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MSD

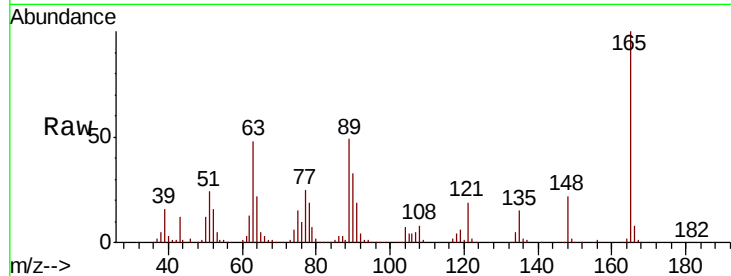
Tot Ion:165 Resp: 164698

Ion Ratio Lower Upper

165 100

63 48.2 51.8 77.6#

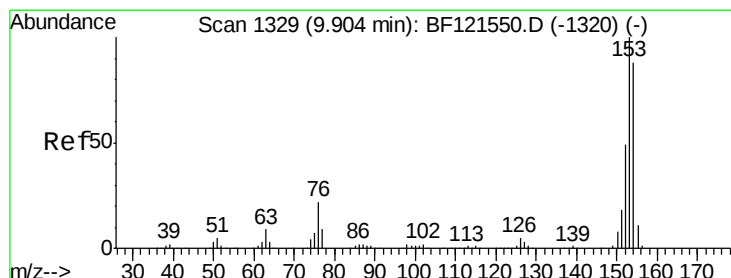
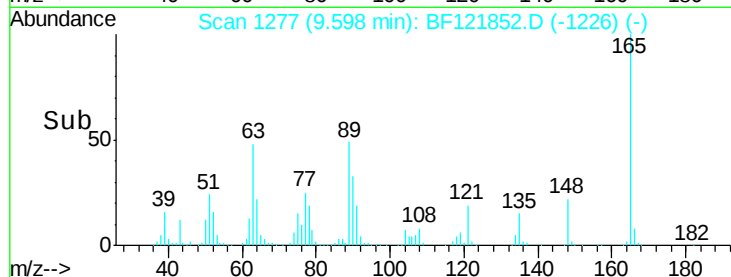
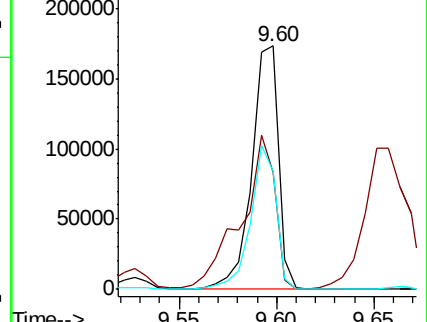
89 48.7 49.0 73.6#



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: 40.761 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

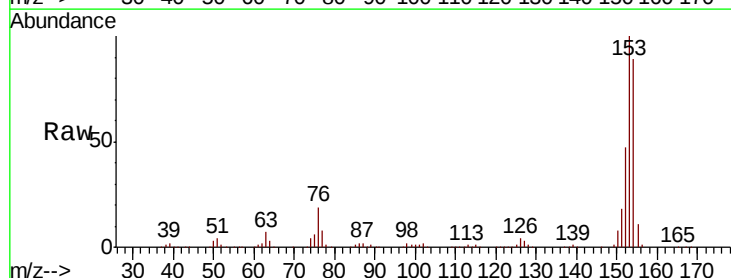
Tgt Ion:154 Resp: 579068

Ion Ratio Lower Upper

154 100

153 112.6 89.8 134.8

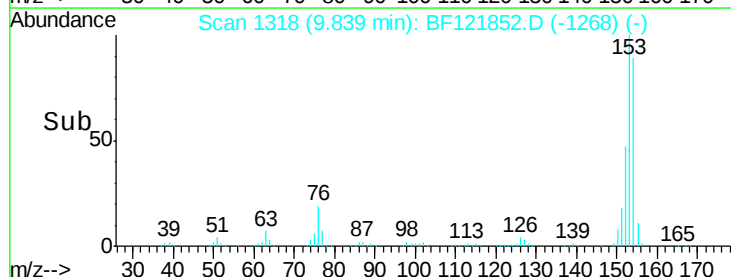
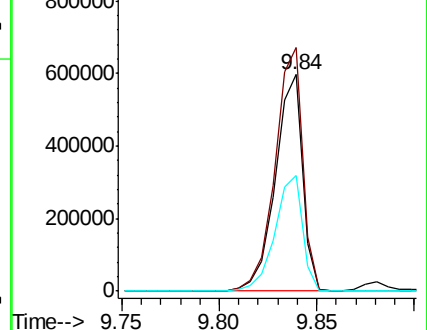
152 53.3 43.2 64.8

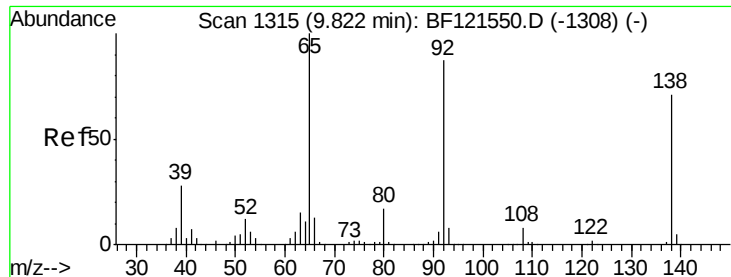


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

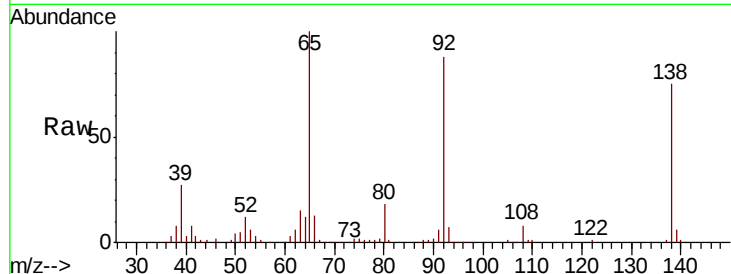




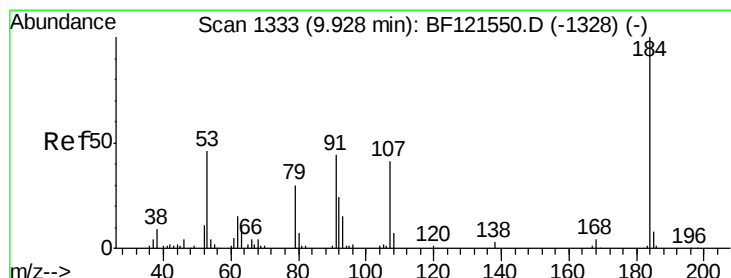
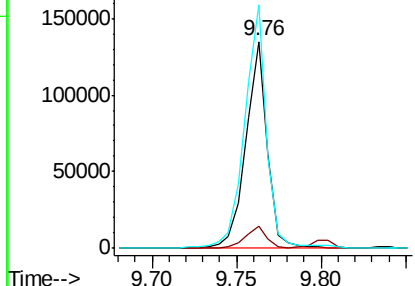
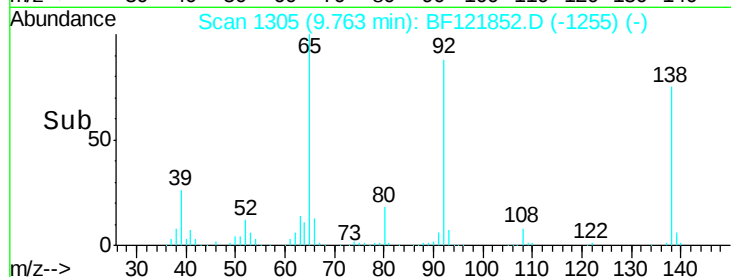
#53
3-Nitroaniline
Concen: 28.881 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MSD

Tot Ion:138 Resp: 119834
Ion Ratio Lower Upper
138 100
108 11.0 8.6 13.0
92 117.9 96.6 144.8

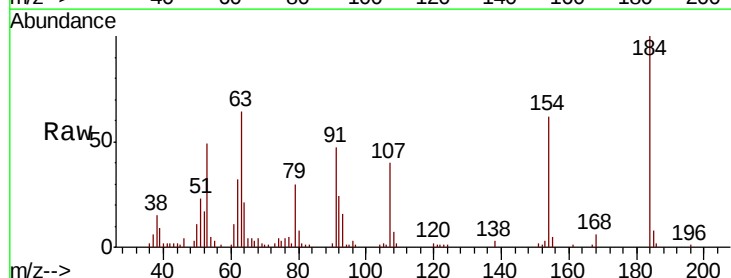


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

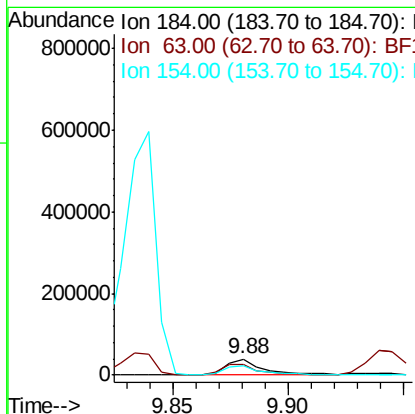
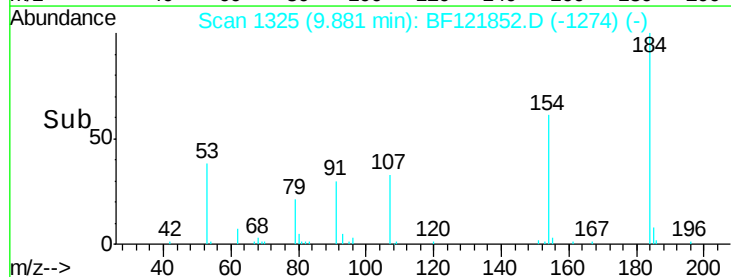


#54
2,4-Dinitrophenol
Concen: 27.429 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Tgt Ion:184 Resp: 42815
Ion Ratio Lower Upper
184 100
63 63.8 45.9 68.9
154 62.1 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

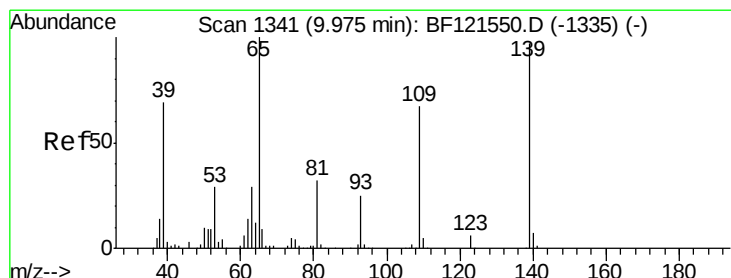
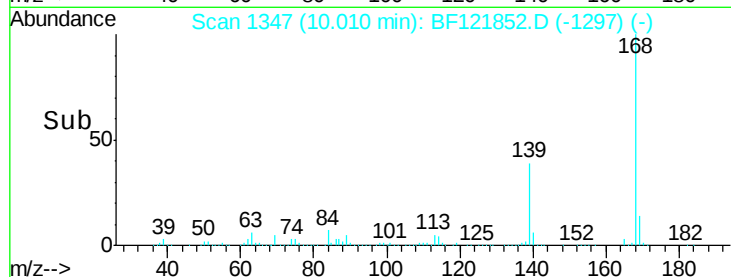
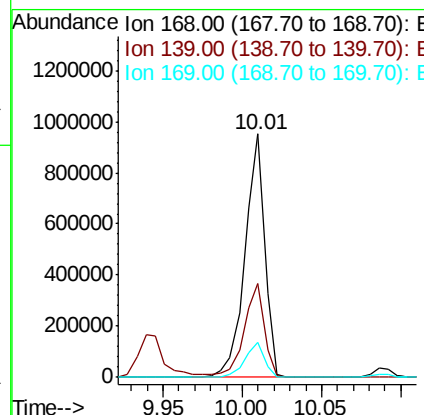
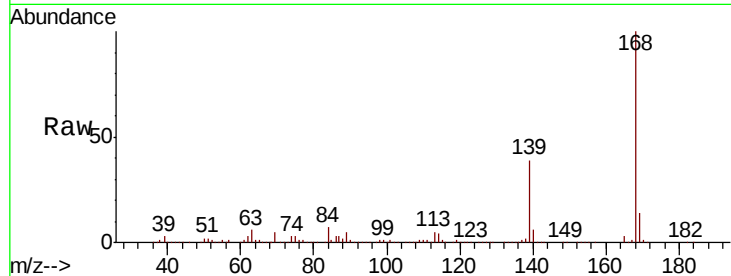




#55
Dibenzofuran
Concen: 41.009 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

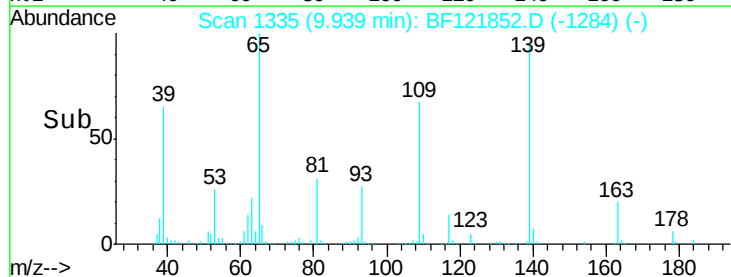
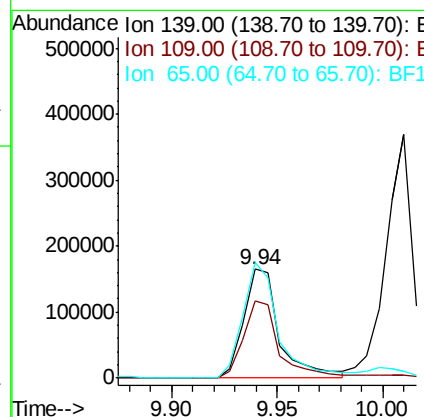
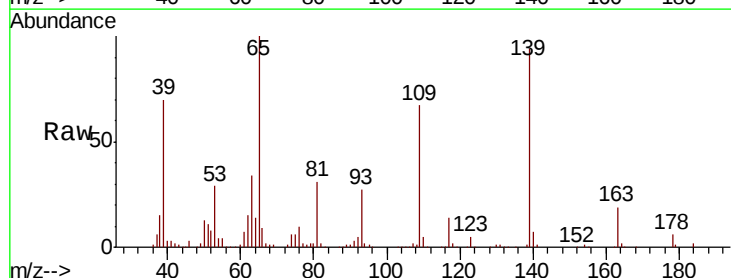
Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MSD

Tot Ion:168 Resp: 820437
Ion Ratio Lower Upper
168 100
139 38.8 31.0 46.6
169 14.2 11.3 16.9



#56
4-Nitrophenol
Concen: 58.682 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Tgt Ion:139 Resp: 194178
Ion Ratio Lower Upper
139 100
109 71.0 45.4 85.4
65 106.2 68.4 108.4

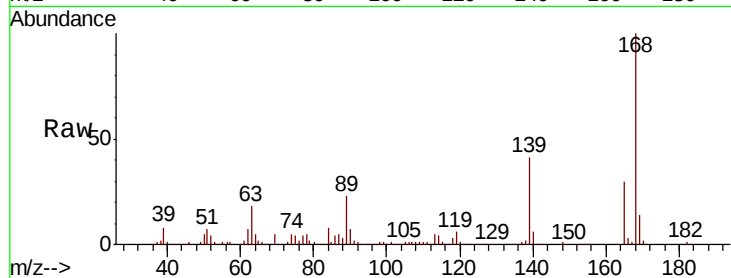




#57
2,4-Dinitrotoluene
Concen: 43.530 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.3	41.3	61.9
89	76.5	61.8	92.8
182	2.7	2.1	3.1



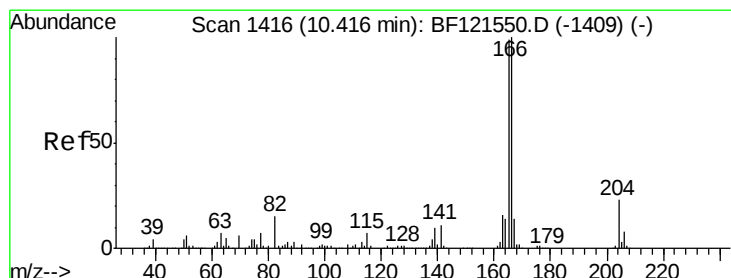
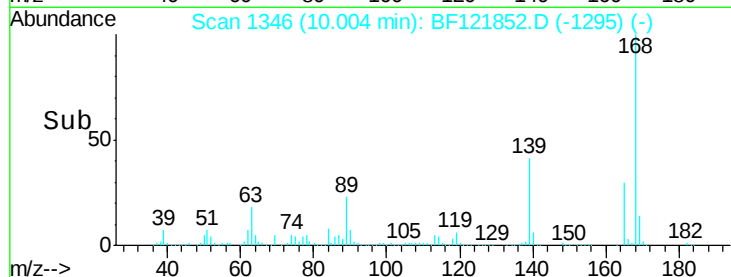
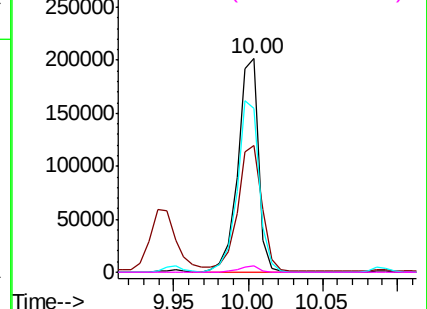
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

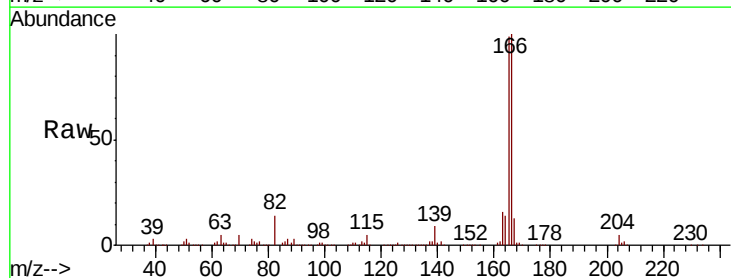
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.327 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.1	118.7
167	13.5	11.0	16.6

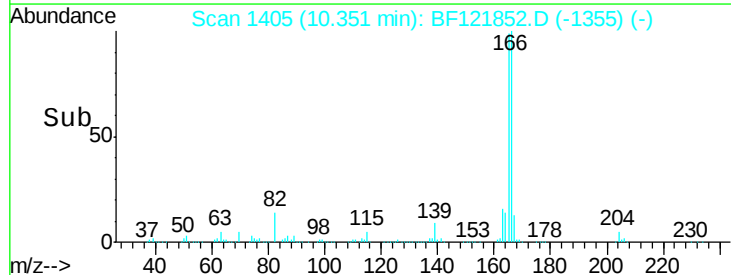
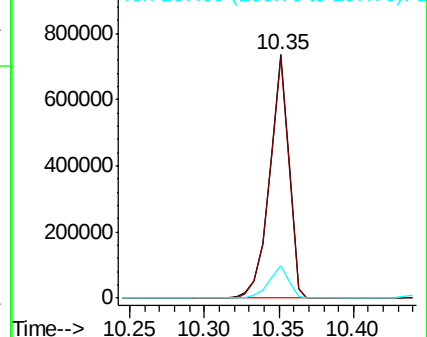


Abundance

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

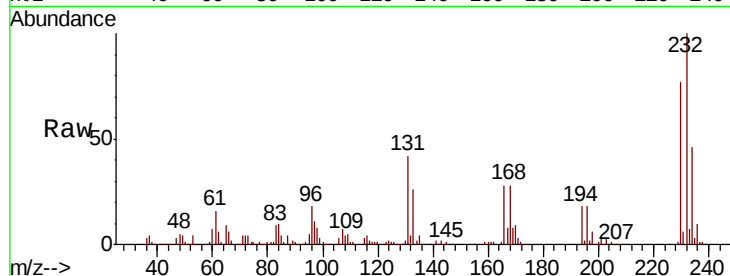




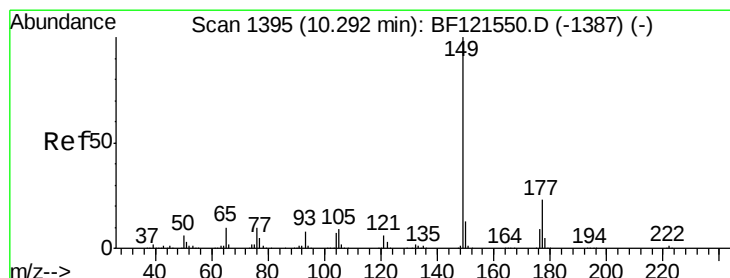
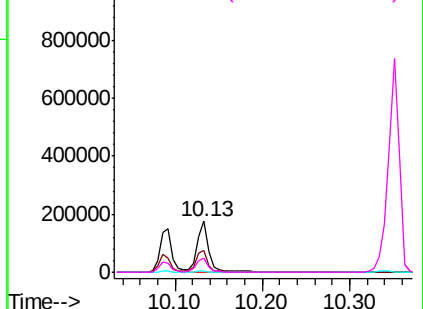
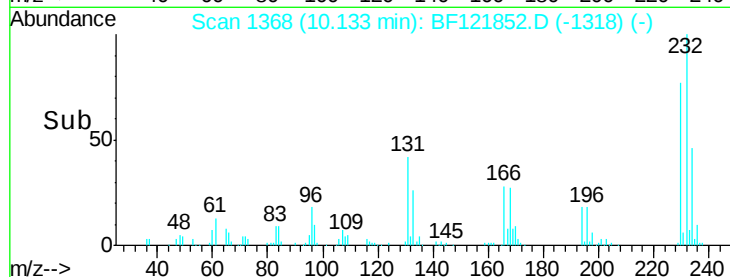
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.653 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MSD

Tot Ion:	232	Resp:	159878
Ion	Ratio	Lower	Upper
232	100		
131	43.3	35.9	53.9
130	2.3	1.8	2.6
166	28.9	23.5	35.3

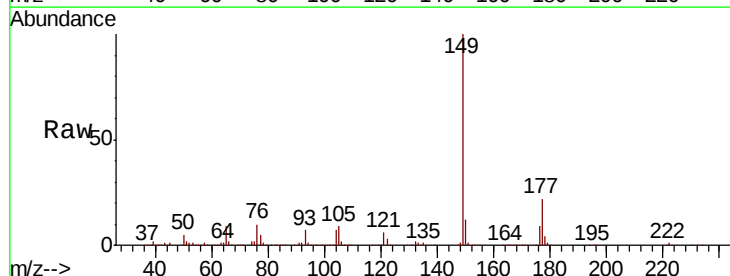


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

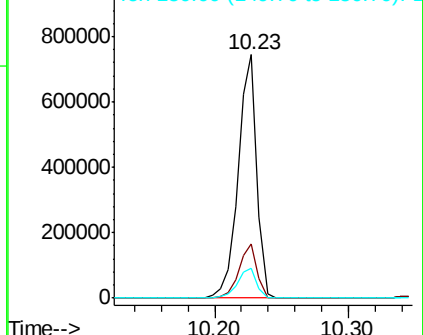
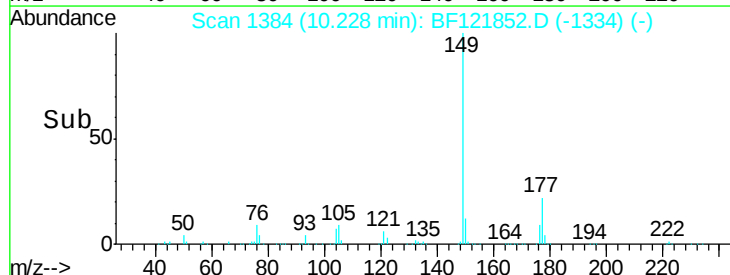


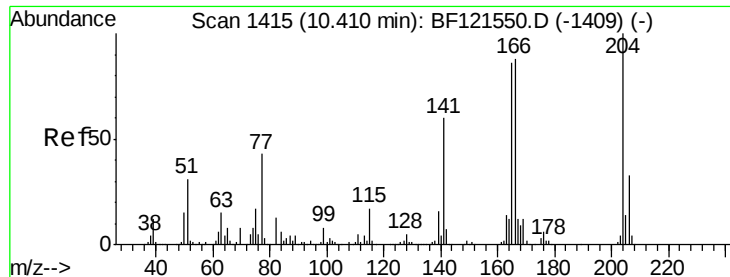
#60
 Diethylphthalate
 Concen: 43.901 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

Tgt Ion:	149	Resp:	719866
Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.1	27.1
150	12.4	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

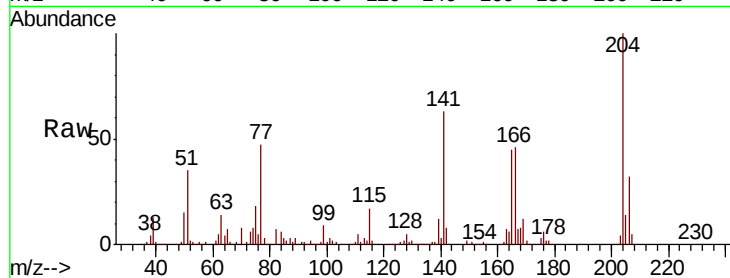




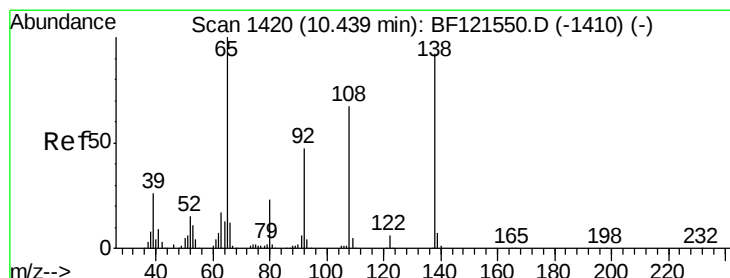
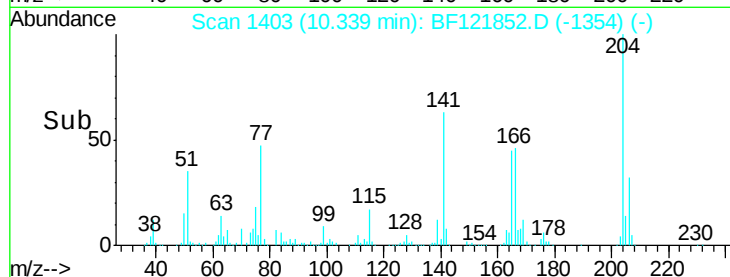
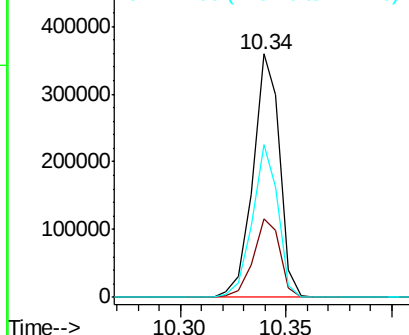
#61
4-Chlorophenyl-phenylether
Concen: 42.946 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MSD

Tot Ion:204 Resp: 314748
Ion Ratio Lower Upper
204 100
206 32.3 26.0 39.0
141 62.5 46.2 69.4

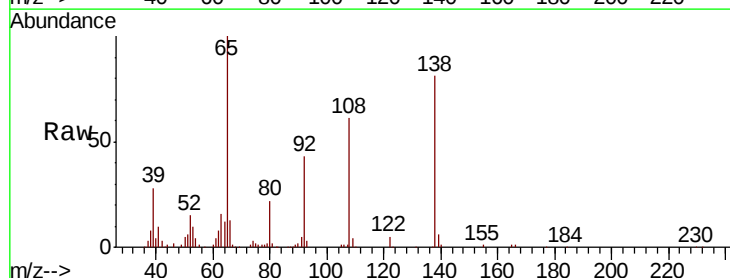


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

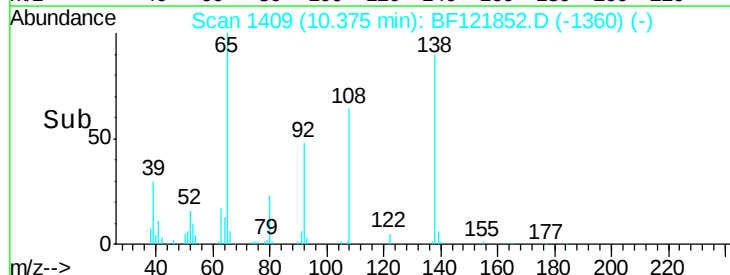
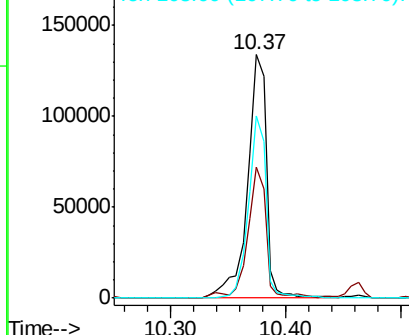


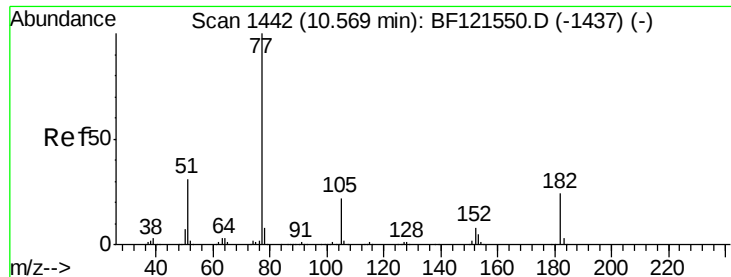
#62
4-Nitroaniline
Concen: 37.073 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Tgt Ion:138 Resp: 152733
Ion Ratio Lower Upper
138 100
92 53.9 31.0 71.0
108 75.0 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

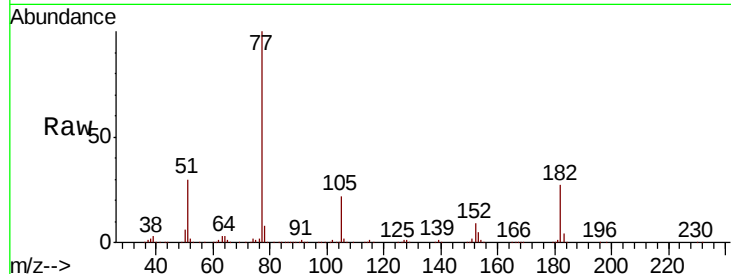




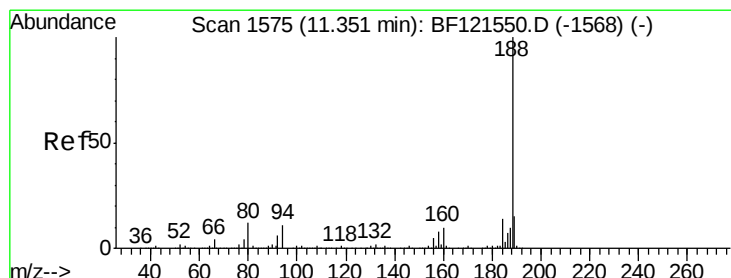
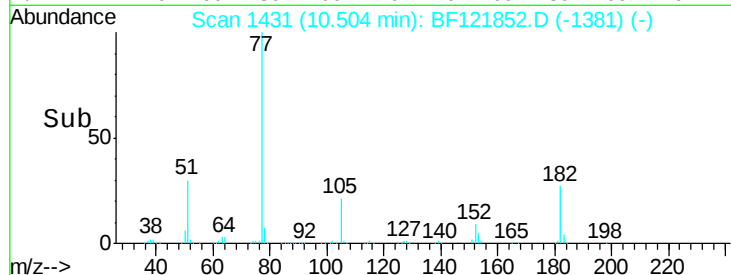
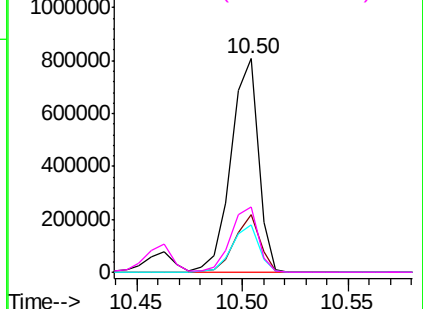
#63
Azobenzene
Concen: 41.015 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MSD

Tot Ion: 77 Resp: 716196
Ion Ratio Lower Upper
77 100
182 27.0 3.4 43.4
105 22.0 1.7 41.7
51 30.3 11.6 51.6

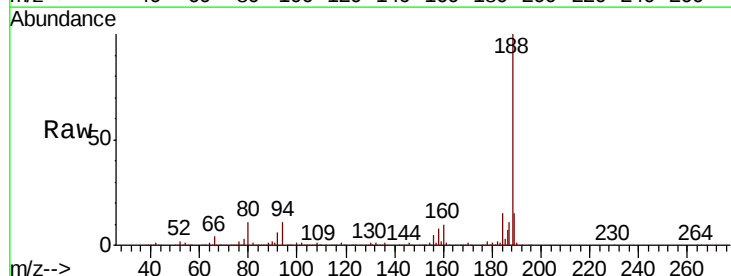


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

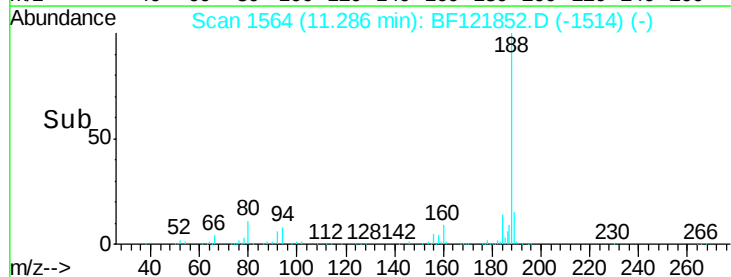
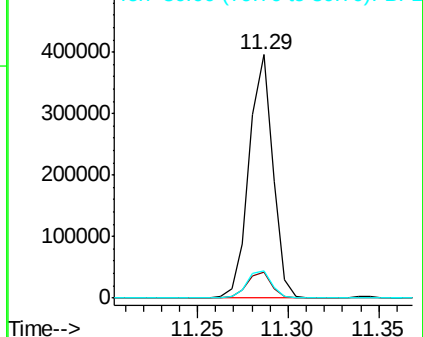


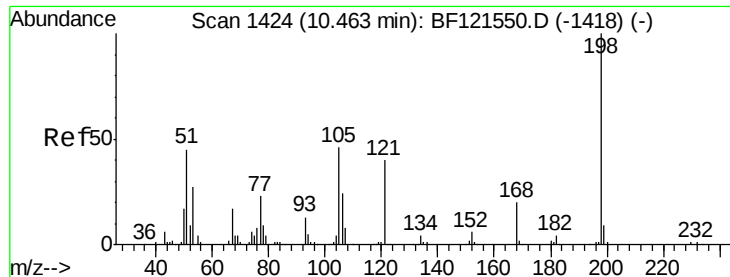
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Tgt Ion: 188 Resp: 362817
Ion Ratio Lower Upper
188 100
94 10.6 8.3 12.5
80 11.4 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

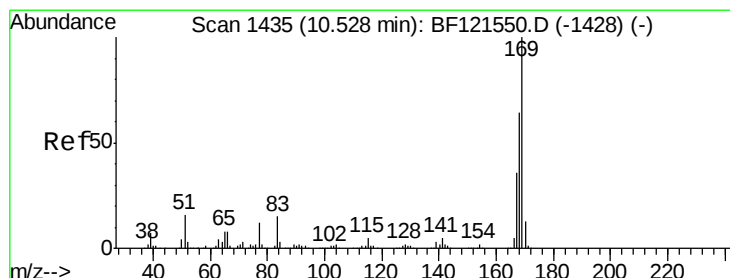
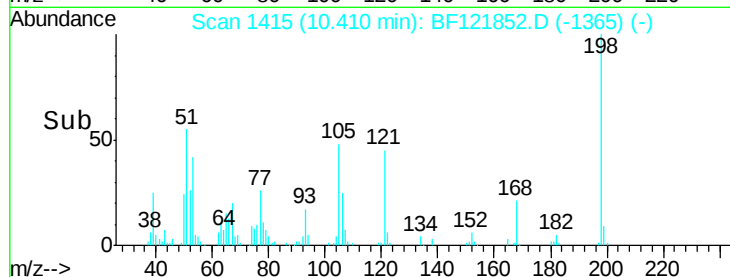
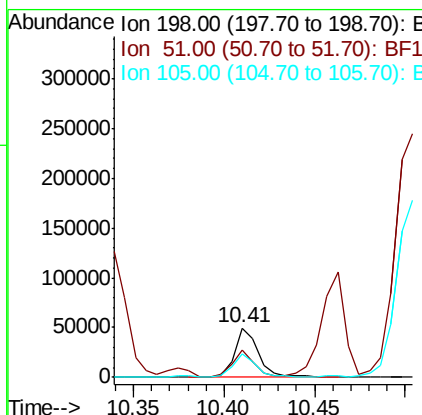
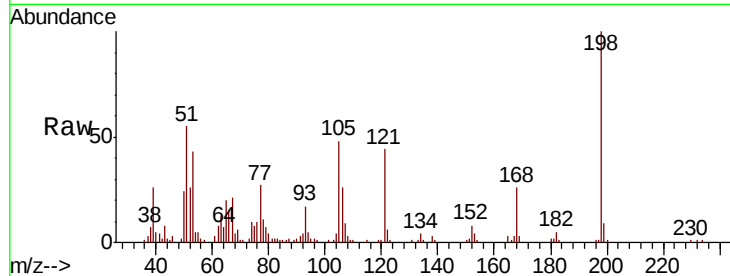




#65
 4,6-Dinitro-2-methylphenol
 Concen: 24.465 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

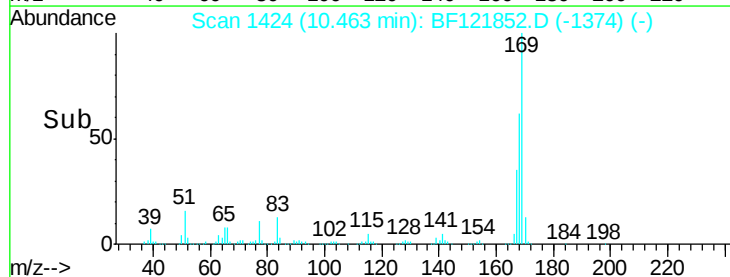
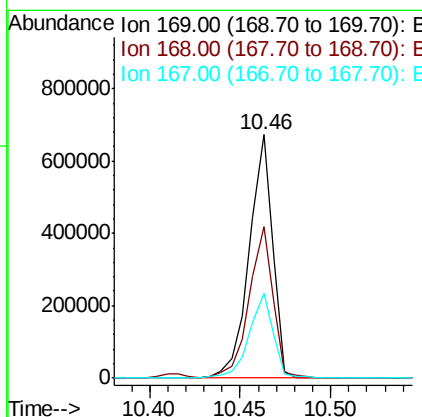
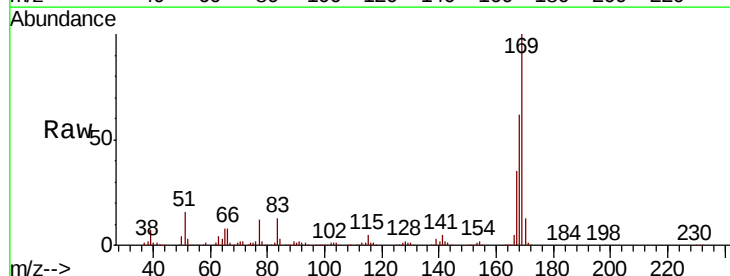
Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MSD

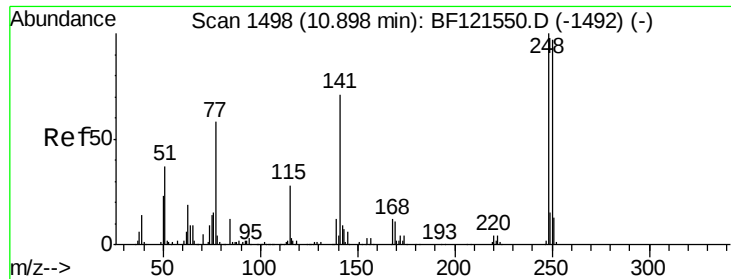
Tot Ion	Ratio	Lower	Upper
198	100		
51	55.4	29.6	69.6
105	48.3	24.4	64.4



#66
 n-Nitrosodiphenylamine
 Concen: 48.478 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	62.2	50.0	75.0
167	34.9	27.8	41.6

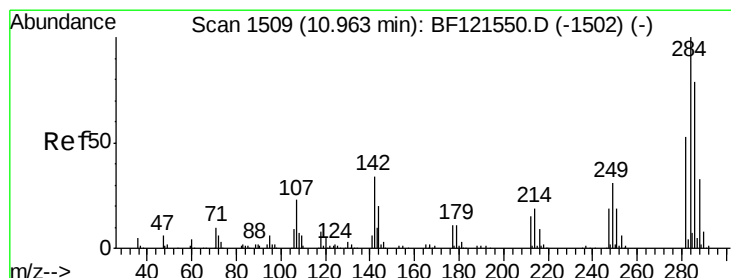
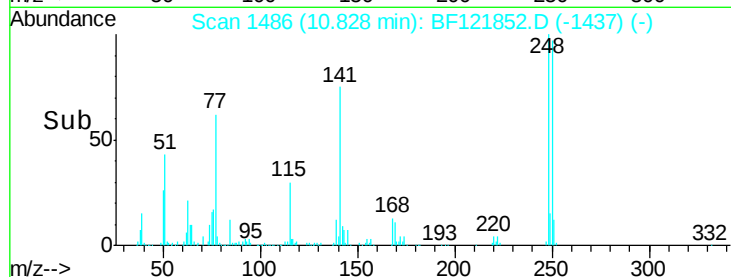
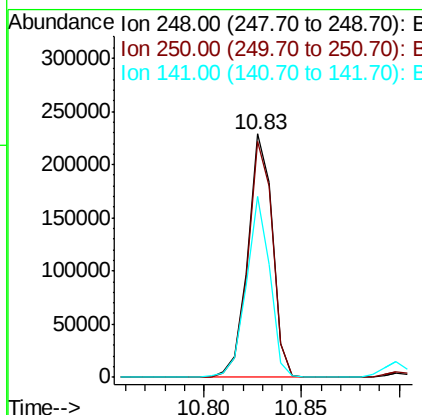
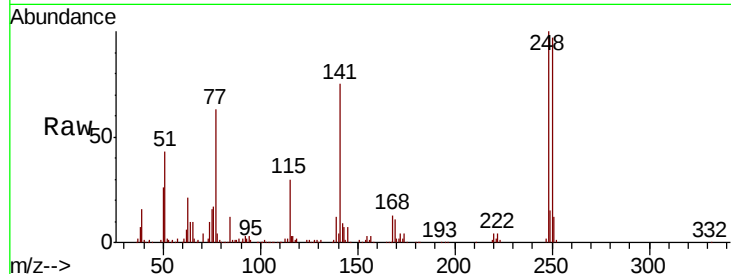




#67
 4-Bromophenyl-phenylether
 Concen: 48.491 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

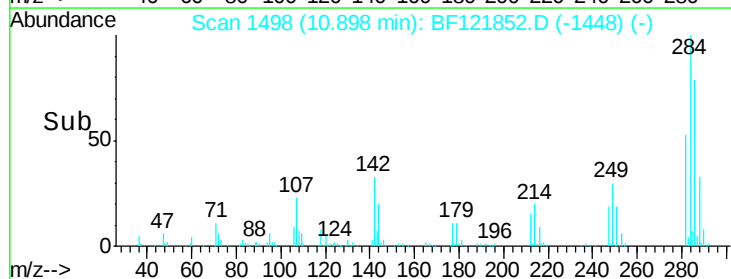
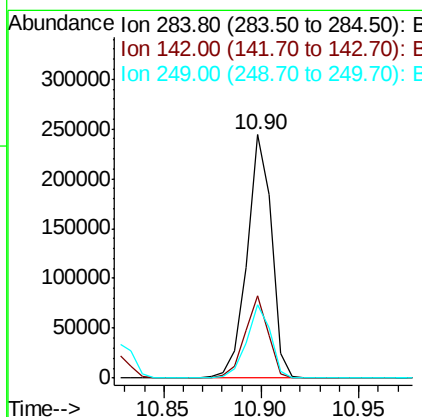
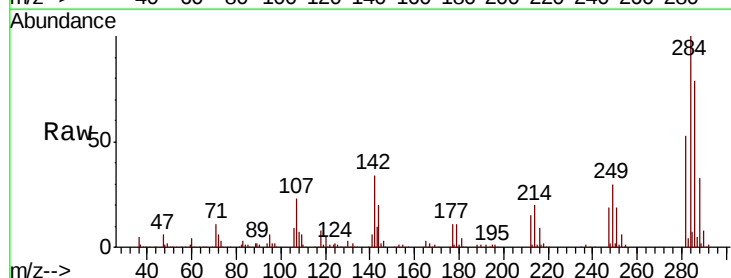
Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MSD

Tot Ion:248	Resp:	200307
Ion	Ratio	Lower Upper
248	100	
250	96.8	77.0 115.6
141	74.5	53.7 80.5



#68
 Hexachlorobenzene
 Concen: 45.654 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

Tgt Ion:284	Resp:	212827
Ion	Ratio	Lower Upper
284	100	
142	33.7	27.4 41.2
249	30.2	24.2 36.4

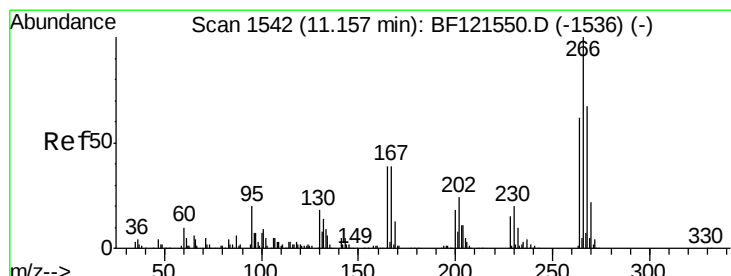
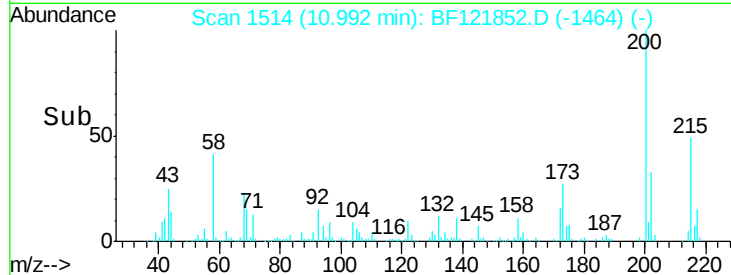
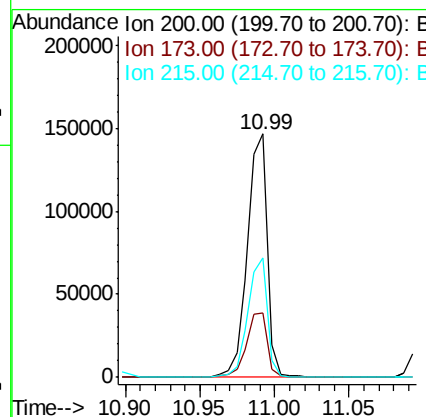
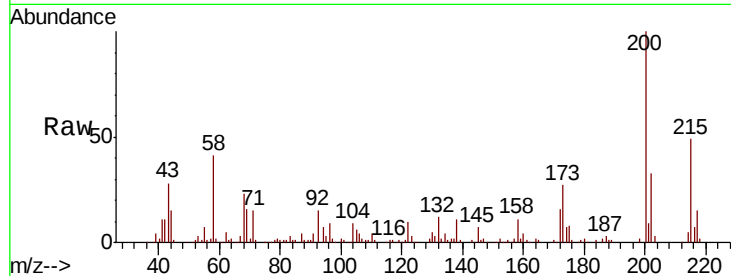




#69
 Atrazine
 Concen: 43.973 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

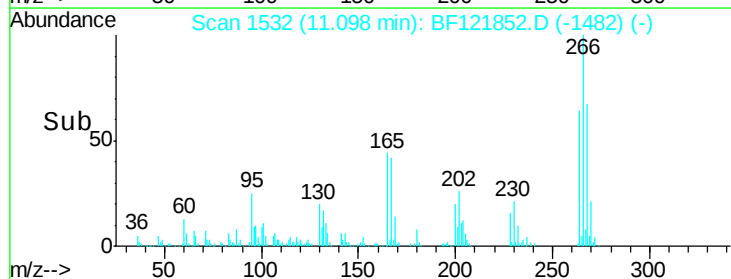
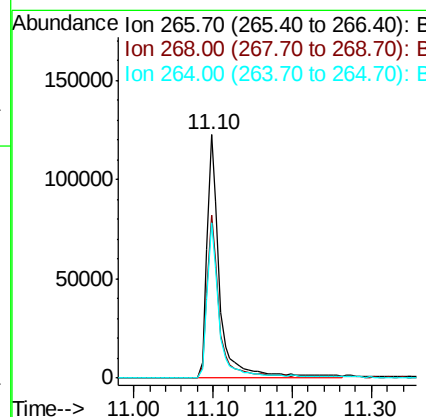
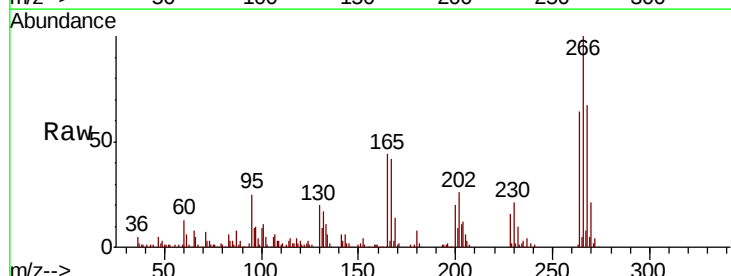
Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.5	47.5
215	48.8	27.1	67.1



#70
 Pentachlorophenol
 Concen: 55.737 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.7	52.4	78.6
264	63.5	49.9	74.9

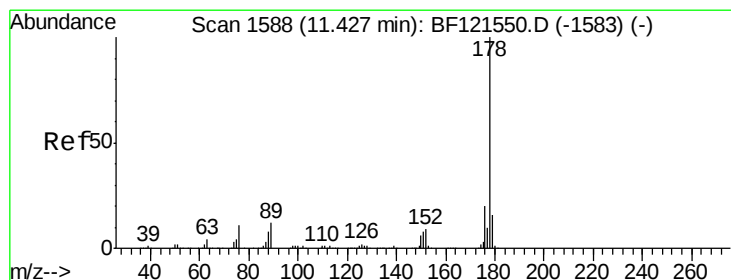
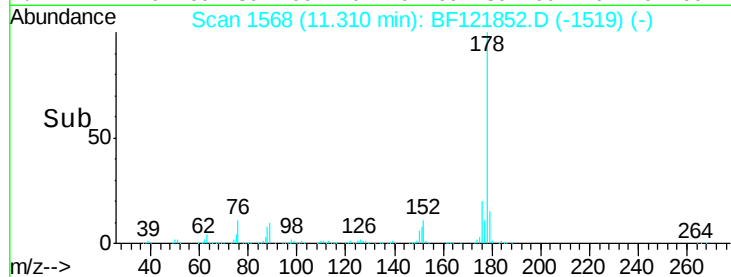
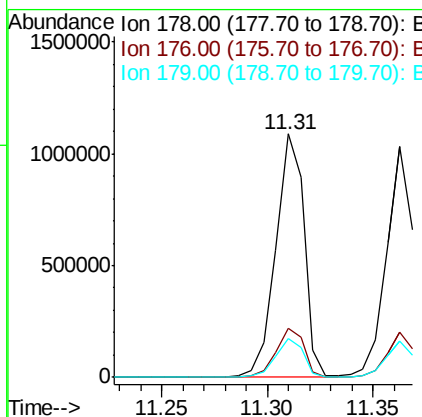
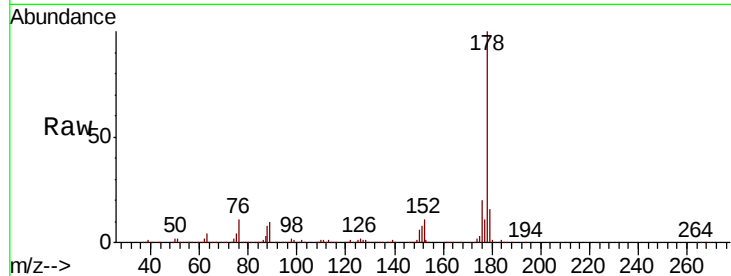




#71
Phenanthrene
Concen: 51.598 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

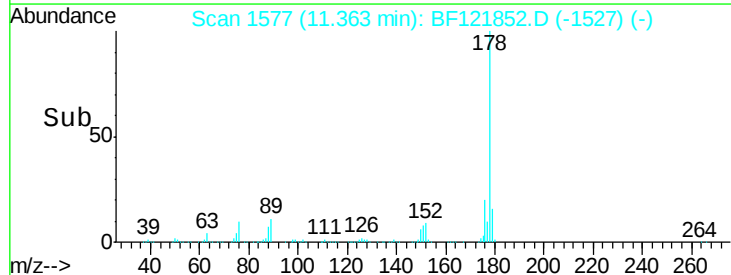
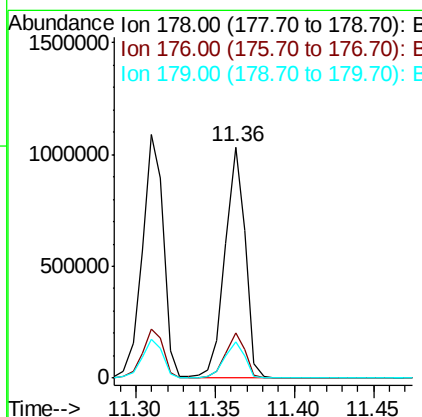
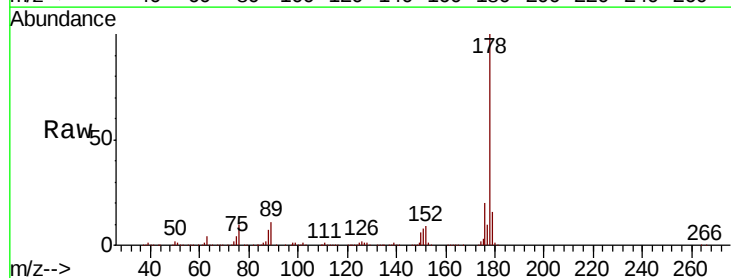
Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MSD

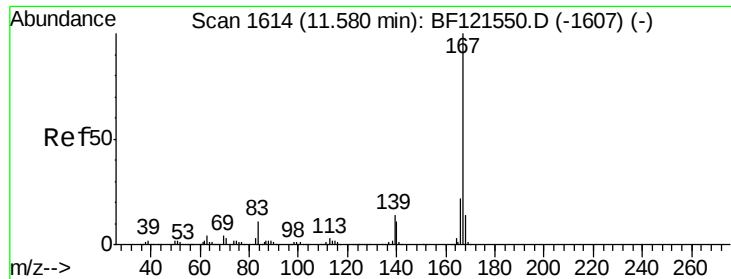
Tot Ion:178 Resp: 1019969
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.8 12.2 18.4



#72
Anthracene
Concen: 44.705 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Tgt Ion:178 Resp: 911968
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.8 12.7 19.1

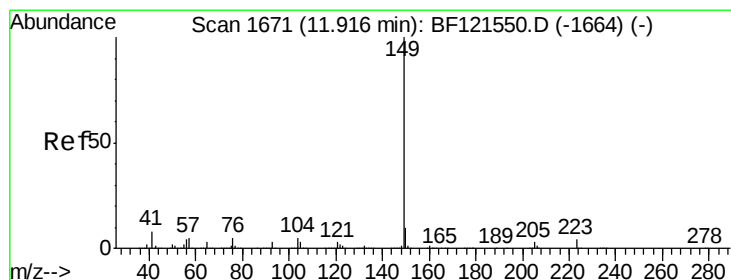
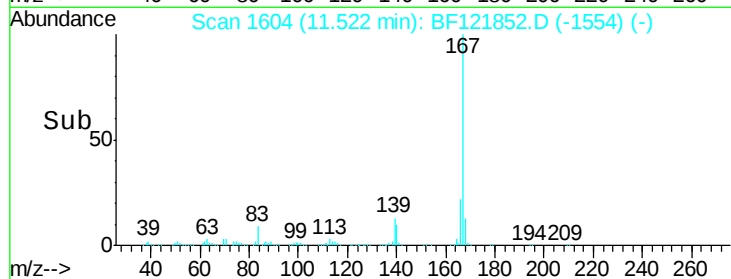
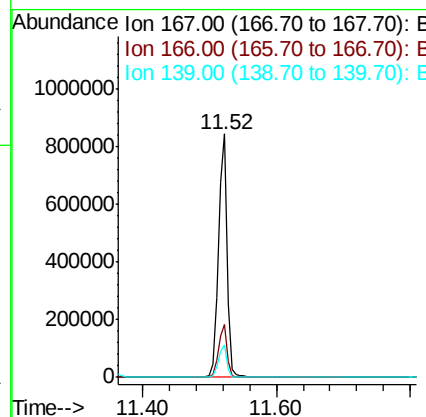
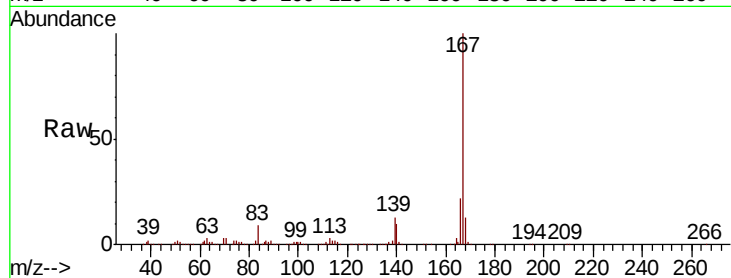




#73
 Carbazole
 Concen: 41.610 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

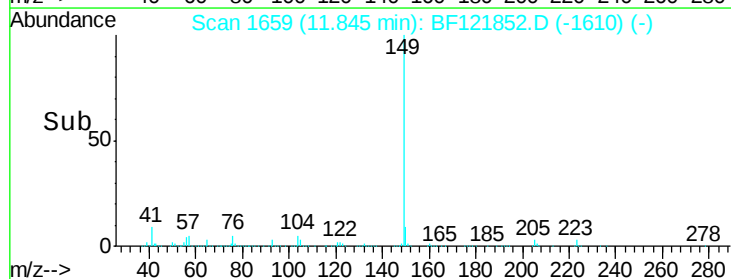
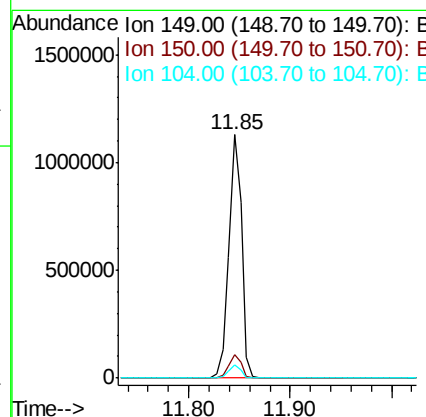
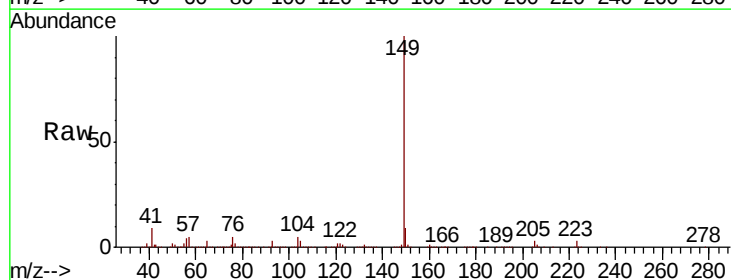
Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MSD

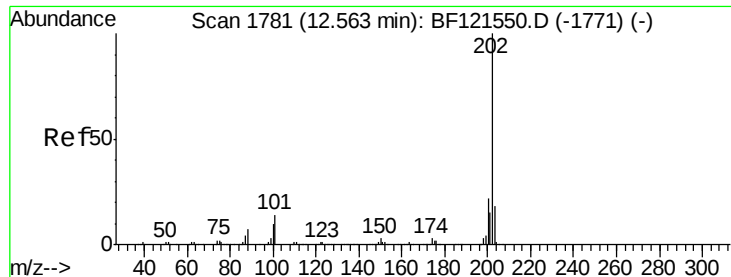
Tot Ion:167 Resp: 765974
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 13.2 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 46.152 ng
 RT: 11.85 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

Tgt Ion:149 Resp: 980576
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 48.805 ng

RT: 12.50 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

Instrument :

BNA_F

ClientSampled :

B-15(3-4)MSD

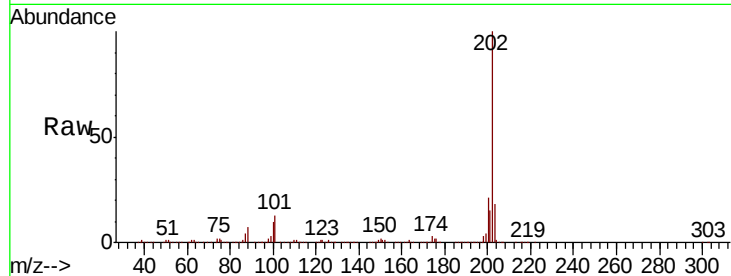
Tot Ion:202 Resp: 1029883

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.4

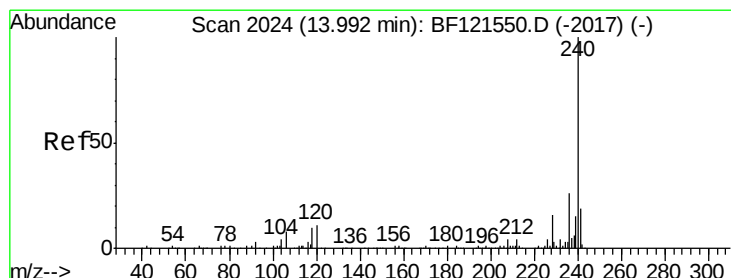
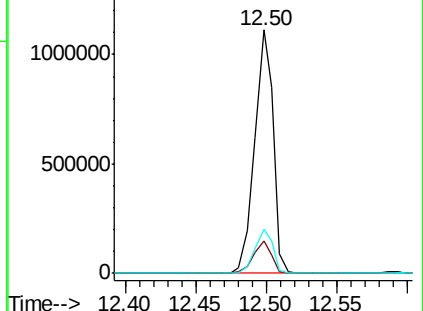
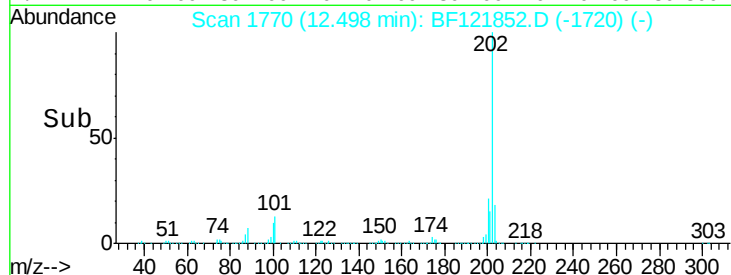
203 17.9 0.0 37.9



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: BF121852.D

Acq: 6 Oct 2020 14:56

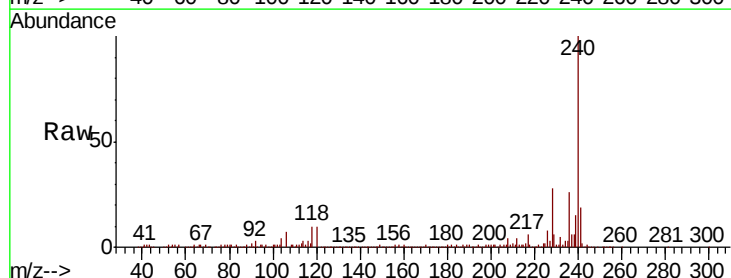
Tgt Ion:240 Resp: 246148

Ion Ratio Lower Upper

240 100

120 10.4 9.2 13.8

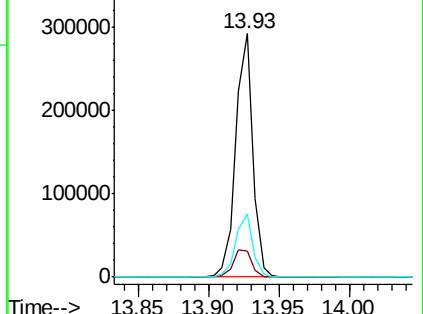
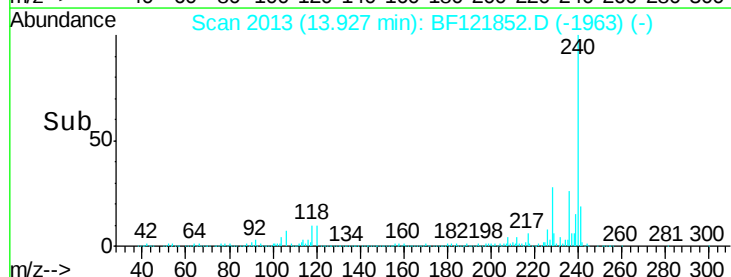
236 26.1 20.9 31.3

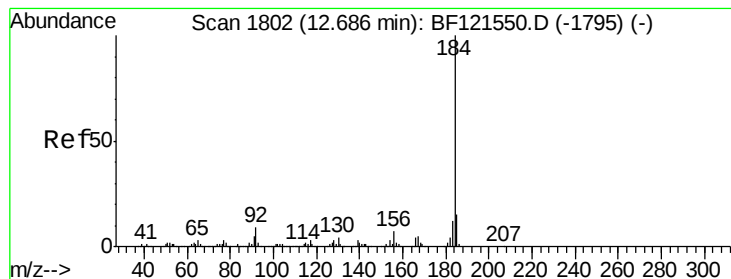


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.485 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MSD

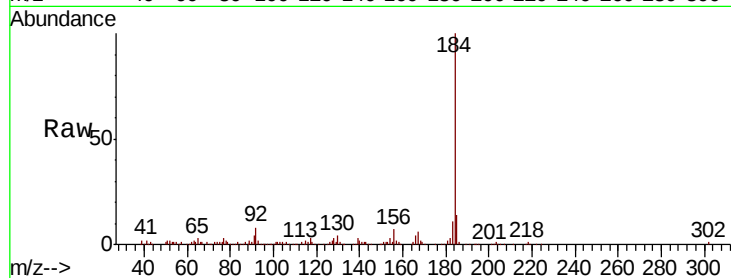
Tot Ion:184 Resp: 207966

Ion Ratio Lower Upper

184 100

185 14.3 11.6 17.4

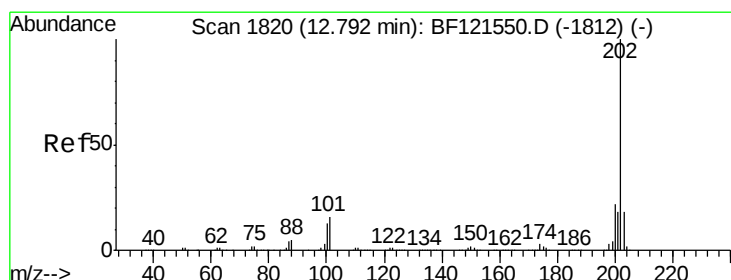
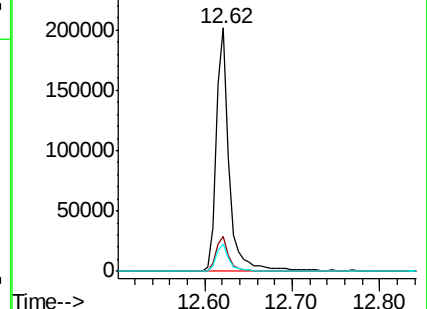
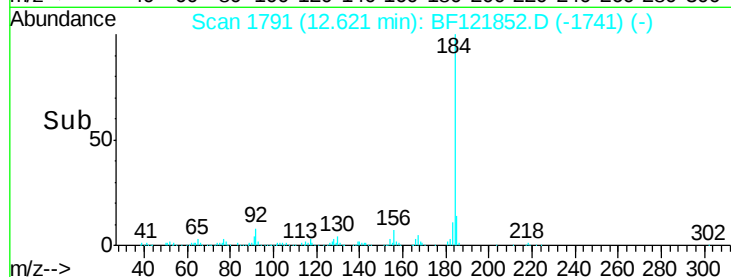
183 11.4 9.4 14.0



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: 56.146 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

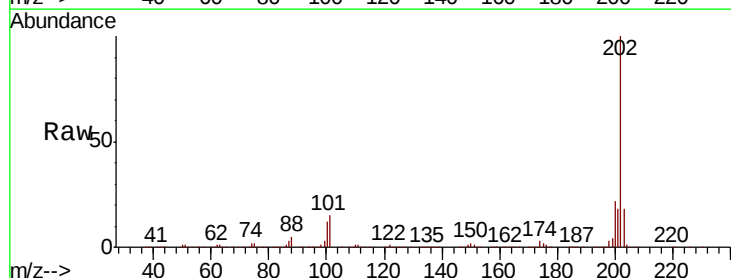
Tgt Ion:202 Resp: 1009742

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

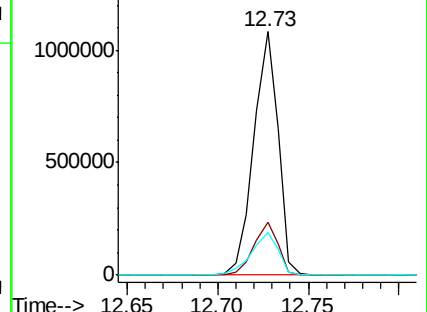
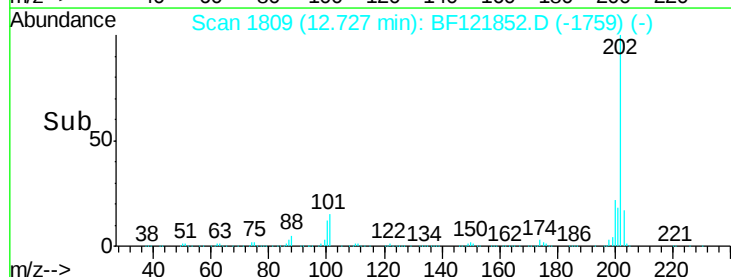
203 17.6 14.6 21.8



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

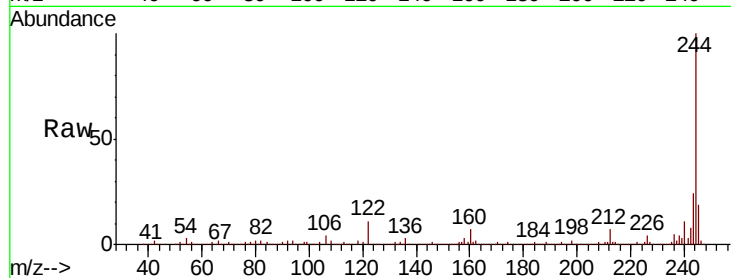




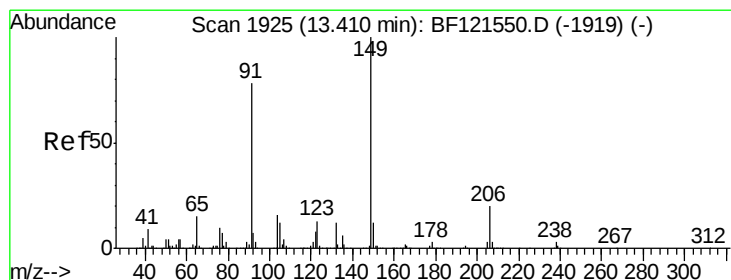
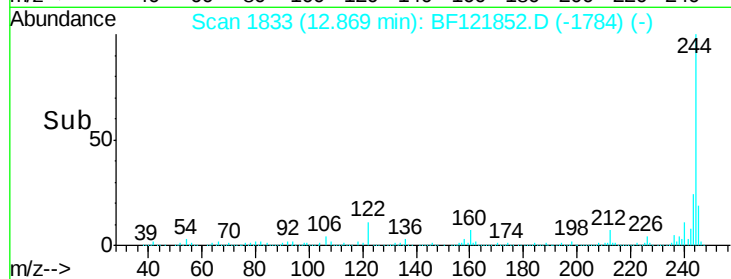
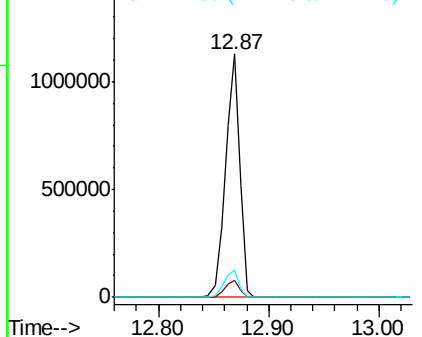
#79
 Terphenyl-d14
 Concen: 83.506 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MSD

Tot Ion:244 Resp: 1014602
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 11.0 8.1 12.1

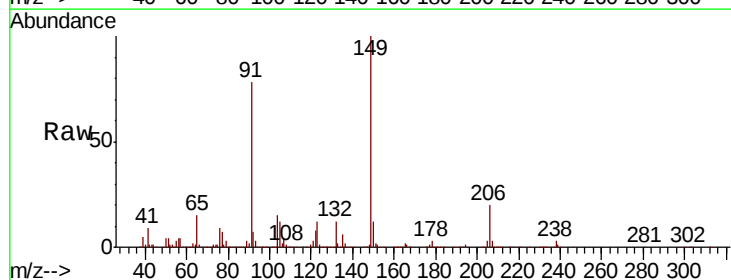


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

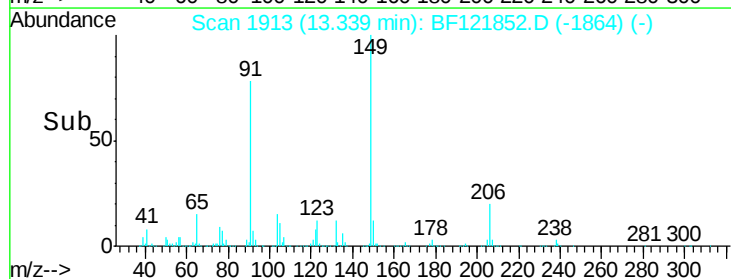
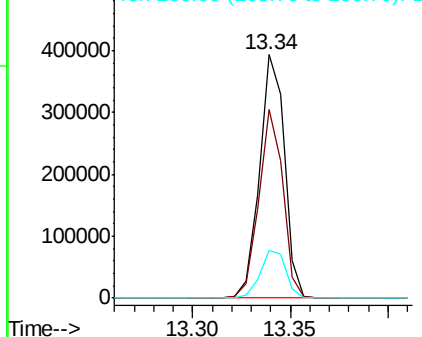


#80
 Butylbenzylphthalate
 Concen: 47.615 ng
 RT: 13.34 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

Tgt Ion:149 Resp: 346327
 Ion Ratio Lower Upper
 149 100
 91 77.7 61.0 91.4
 206 19.8 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

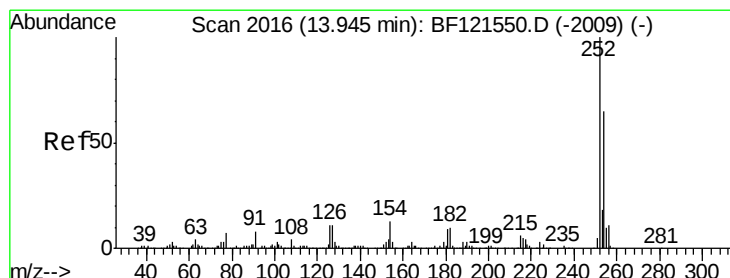
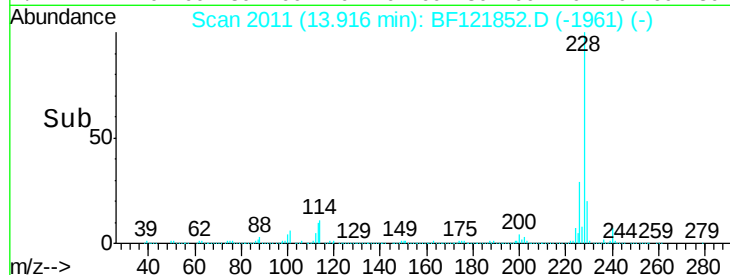
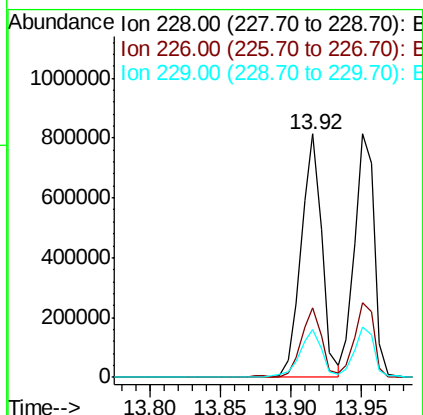
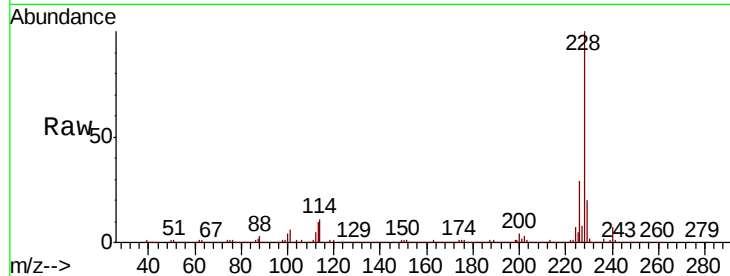




#81
Benzo(a)anthracene
Concen: 52.714 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

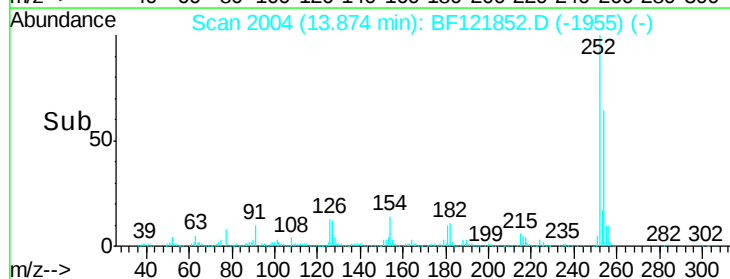
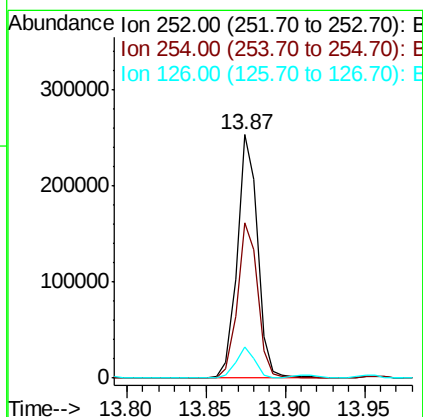
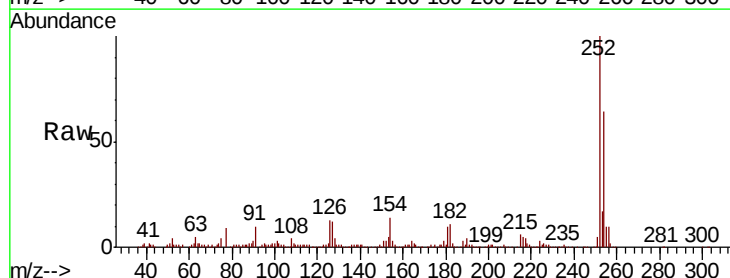
Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.3	33.5
229	19.9	16.2	24.4



#82
3,3'-Dichlorobenzidine
Concen: 37.202 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.8	77.6
126	12.8	8.8	13.2

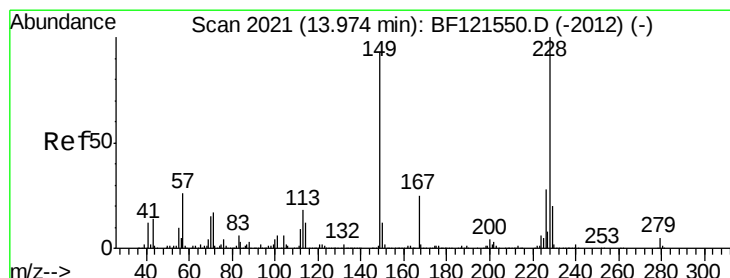
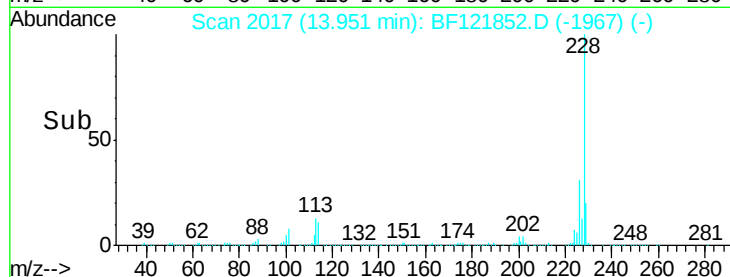
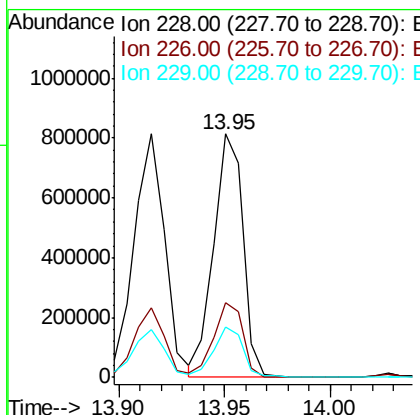
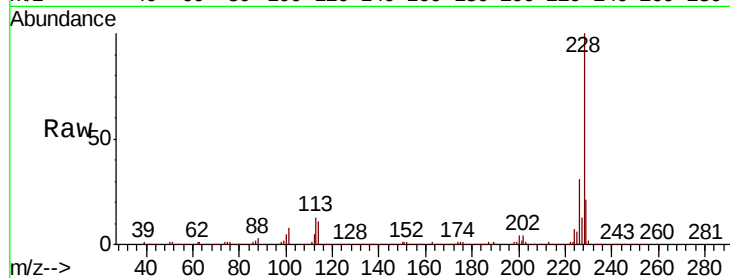




#83
 Chrvsene
 Concen: 49.754 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

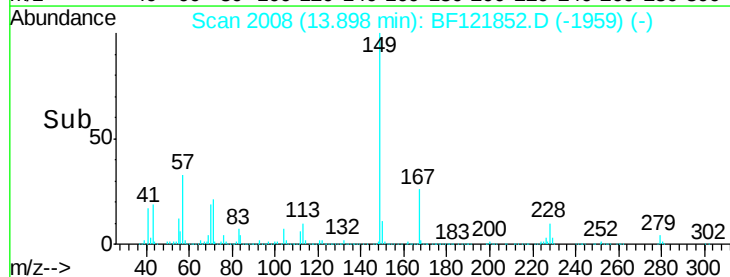
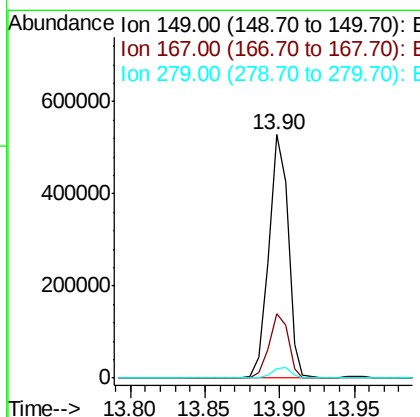
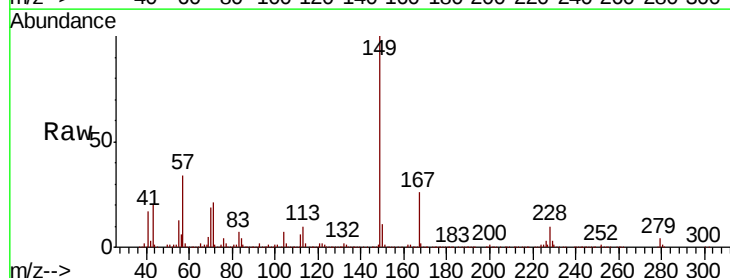
Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MSD

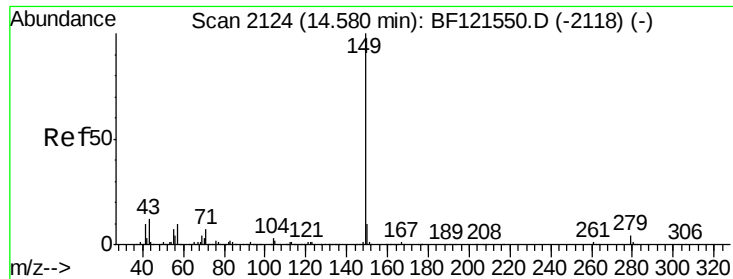
Tot Ion:228 Resp: 784580
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.6 37.0
 229 20.6 15.9 23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.393 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

Tgt Ion:149 Resp: 470221
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.9 31.3
 279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 46.862 ng

RT: 14.51 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

Instrument :

BNA_F

ClientSampleId :

B-15(3-4)MSD

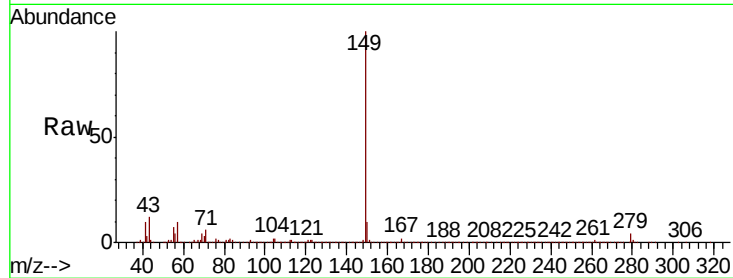
Tot Ion:149 Resp: 803586

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

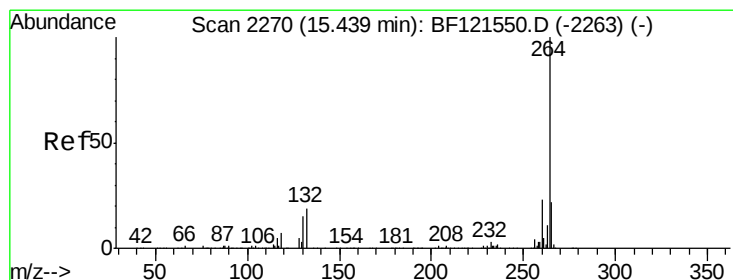
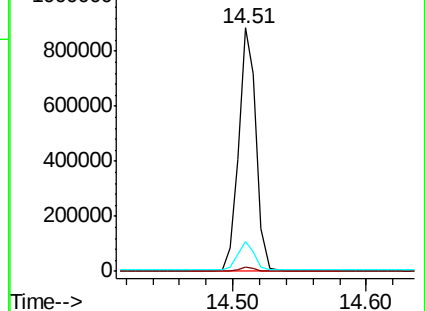
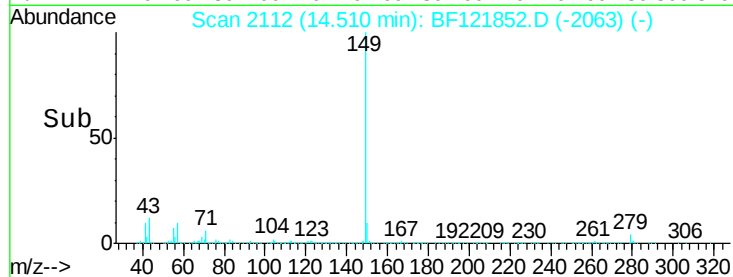
43 11.7 9.0 13.6



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# 2257

Delta R.T. 0.00 min

Lab File: BF121852.D

Acq: 6 Oct 2020 14:56

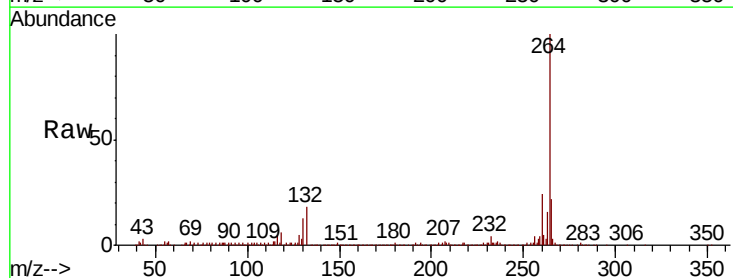
Tgt Ion:264 Resp: 254145

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

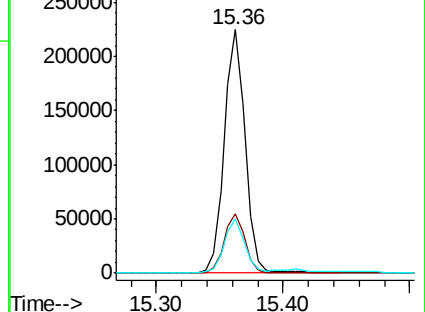
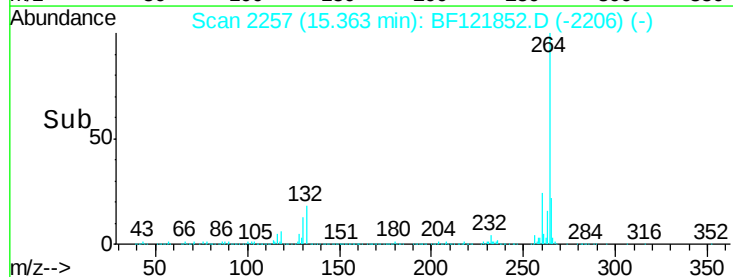
265 22.1 17.3 25.9

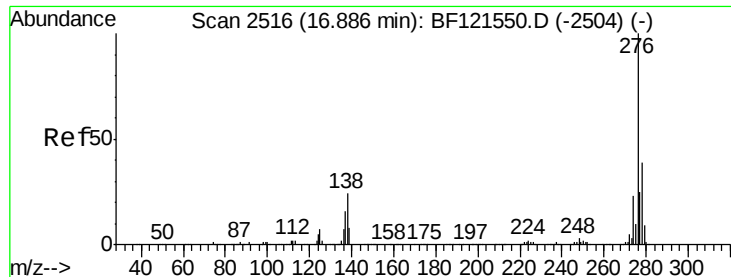


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

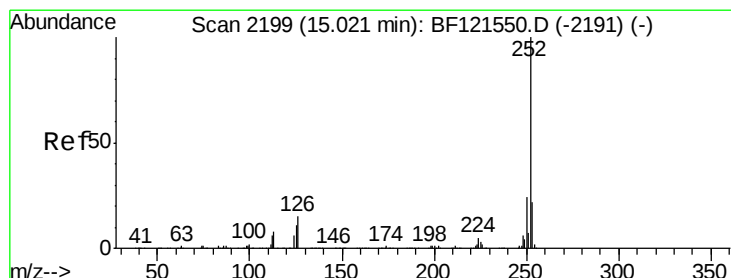
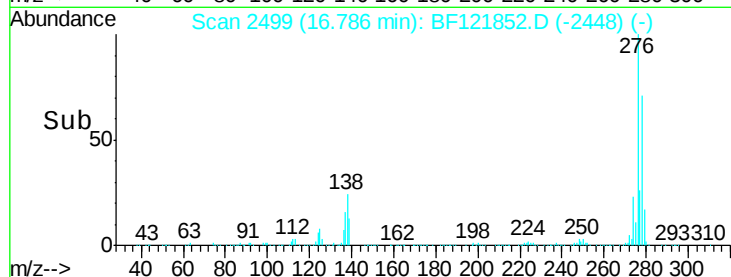
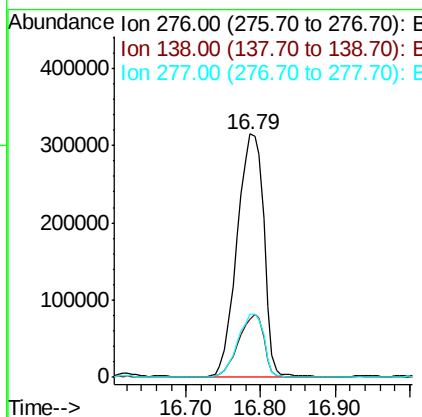
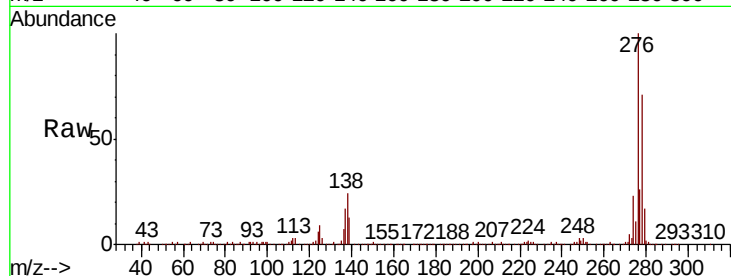




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.195 ng
 RT: 16.79 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

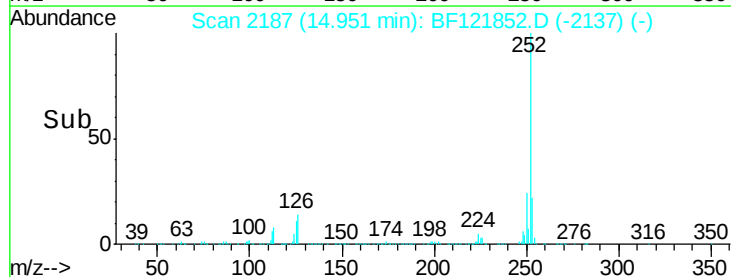
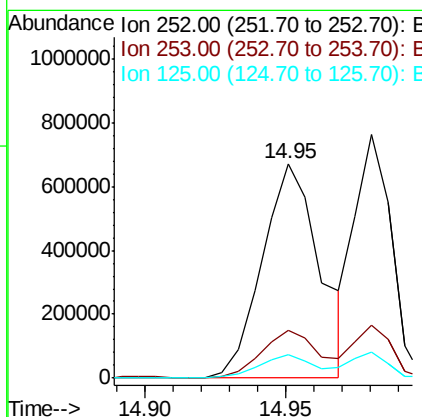
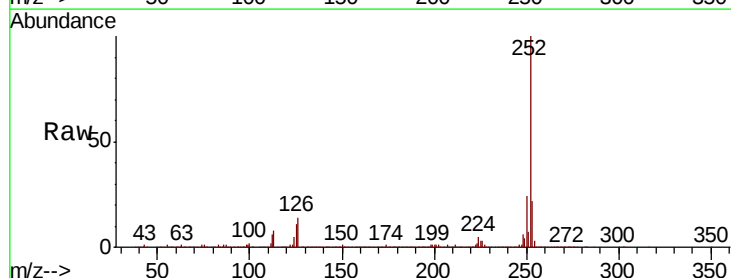
Instrument :
 BNA_F
 ClientSampleId :
 B-15(3-4)MSD

Tot Ion:276 Resp: 781114
 Ion Ratio Lower Upper
 276 100
 138 24.4 19.9 29.9
 277 25.4 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 55.862 ng
 RT: 14.95 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BF121852.D
 Acq: 6 Oct 2020 14:56

Tgt Ion:252 Resp: 949082
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.2 27.2
 125 10.8 8.0 12.0

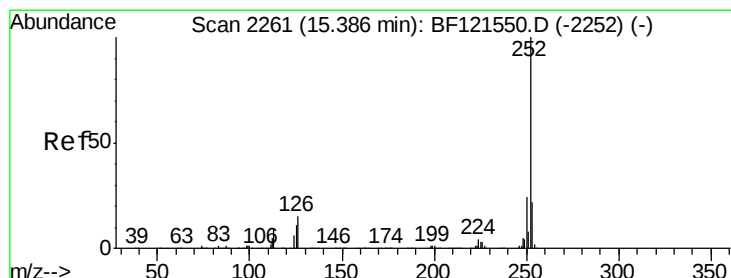
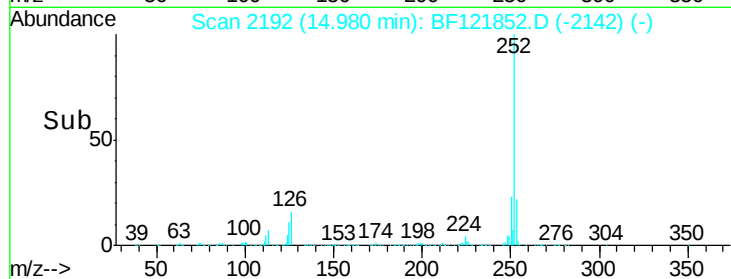
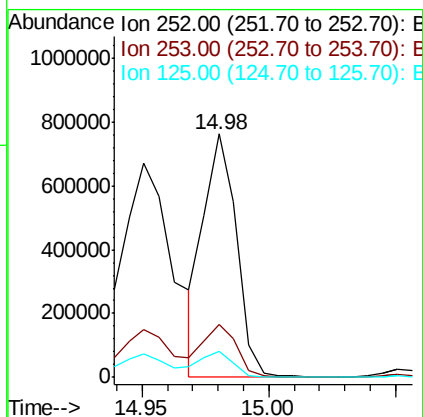
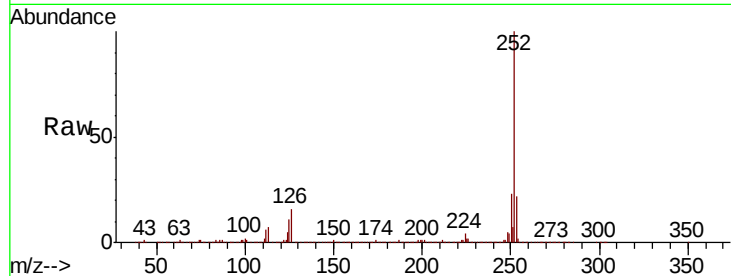




#89
Benzo(k)fluoranthene
Concen: 44.208 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

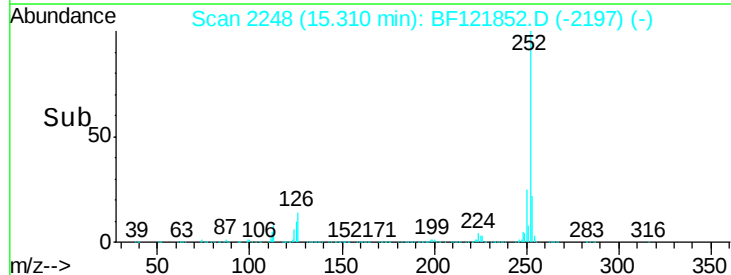
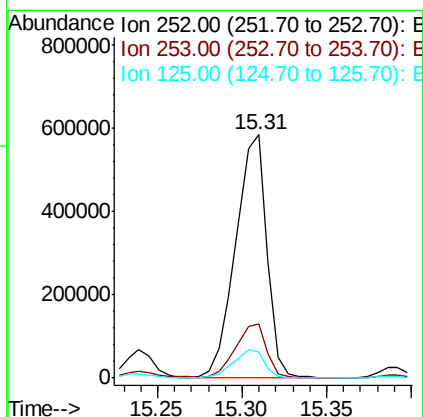
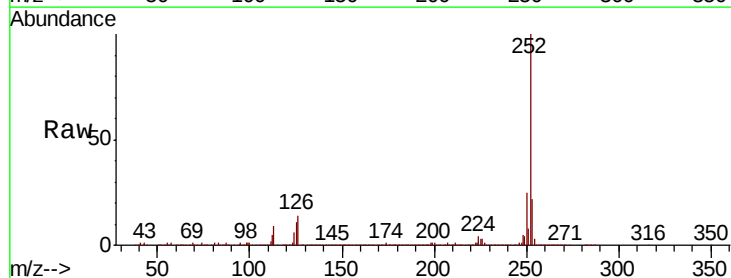
Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MSD

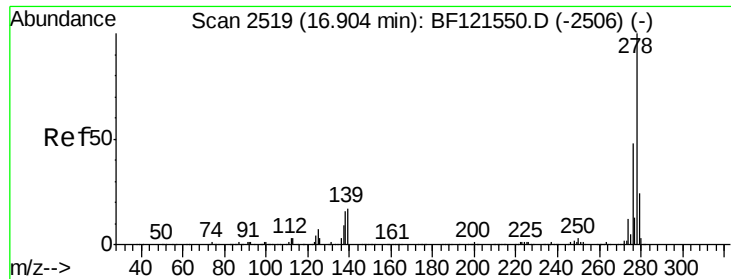
Tot Ion:252 Resp: 687802
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 10.8 7.7 11.5



#90
Benzo(a)pyrene
Concen: 52.260 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Tgt Ion:252 Resp: 754741
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.6 8.6 13.0

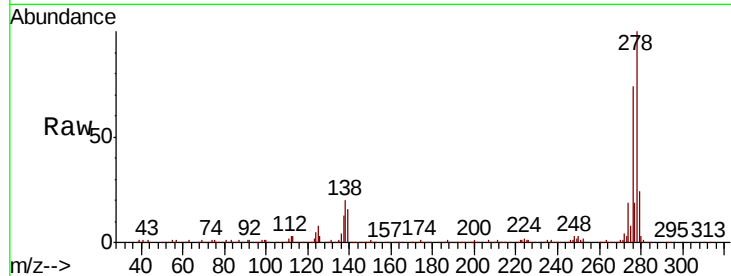




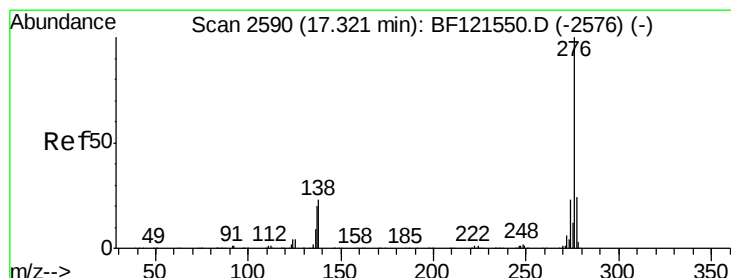
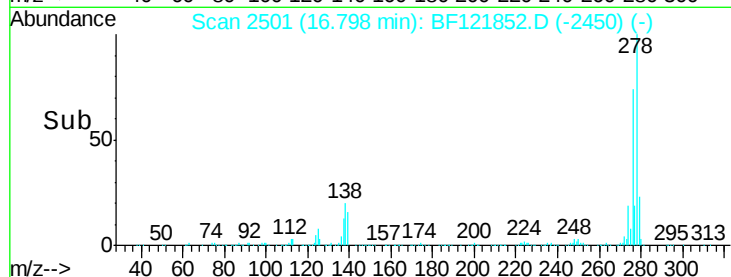
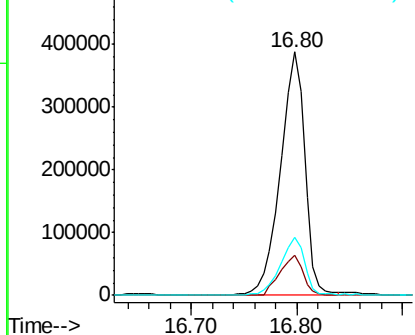
#91
Dibenzo(a,h)anthracene
Concen: 44.690 ng
RT: 16.80 min Scan# 2501
Delta R.T. 0.00 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Instrument :
BNA_F
ClientSampleId :
B-15(3-4)MSD

Tot Ion:278 Resp: 615705
Ion Ratio Lower Upper
278 100
139 16.5 13.0 19.4
279 23.6 19.0 28.4

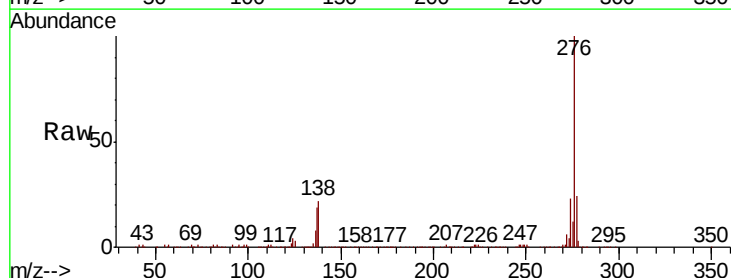


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.083 ng
RT: 17.22 min Scan# 2572
Delta R.T. 0.01 min
Lab File: BF121852.D
Acq: 6 Oct 2020 14:56

Tgt Ion:276 Resp: 637630
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.2
138 21.5 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

