

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
 Data File : BF121455.D
 Acq On : 28 Aug 2020 12:13
 Operator : JU/CG
 Sample : PB131187BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

Quant Time: Aug 28 13:32:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	308106	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1205436	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	630753	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1201233	20.00	ng	0.00
76) Chrysene-d12	14.03	240	923217	20.00	ng	0.00
86) Perylene-d12	15.49	264	846452	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1822857	99.26	ng	0.01
7) Phenol-d6	6.49	99	2402764	93.63	ng	0.00
23) Nitrobenzene-d5	7.42	82	1519202	86.16	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	744582	116.87	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2850763	72.93	ng	0.00
79) Terphenyl-d14	12.97	244	2935202	66.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	461453	52.690	ng	100
3) Pyridine	3.46	79	676582	28.369	ng	100
4) n-Nitrosodimethylamine	3.42	42	397609	37.716	ng	95
6) Aniline	6.52	93	1129730	37.101	ng	100
8) 2-Chlorophenol	6.65	128	832093	44.644	ng	96
9) Benzaldehyde	6.41	77	543985	45.318	ng	98
10) Phenol	6.50	94	1080018	43.020	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	803802	39.407	ng	96
12) 1,3-Dichlorobenzene	6.80	146	836074	37.256	ng	97
13) 1,4-Dichlorobenzene	6.88	146	840976	37.393	ng	99
14) 1,2-Dichlorobenzene	7.03	146	815665	38.950	ng	99
15) Benzyl Alcohol	7.00	79	702881	41.728	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1159525	38.373	ng	99
17) 2-Methylphenol	7.11	107	678130	41.817	ng	99
18) Hexachloroethane	7.37	117	308061	40.024	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	593187	41.361	ng	99
20) 3+4-Methylphenols	7.26	107	835554	42.578	ng	89
22) Acetophenone	7.27	105	1097981	36.956	ng	# 95
24) Nitrobenzene	7.44	77	854941	48.372	ng	98
25) Isophorone	7.69	82	1615214	40.728	ng	100
26) 2-Nitrophenol	7.76	139	376013	50.037	ng	96
27) 2,4-Dimethylphenol	7.79	122	775280	47.134	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	1029859	38.188	ng	100
29) 2,4-Dichlorophenol	8.00	162	693577	42.706	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	733975	36.892	ng	99
31) Naphthalene	8.17	128	2302673	38.477	ng	99
32) Benzoic acid	7.92	122	478631	47.106	ng	100
33) 4-Chloroaniline	8.21	127	811654	30.451	ng	99
34) Hexachlorobutadiene	8.29	225	425458	35.960	ng	99
35) Caprolactam	8.58	113	124933	23.585	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	728913	42.568	ng	99
37) 2-Methylnaphthalene	8.86	142	1598521	40.316	ng	99
38) 1-Methylnaphthalene	8.96	142	1503599	40.160	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	707660	37.848	ng	98

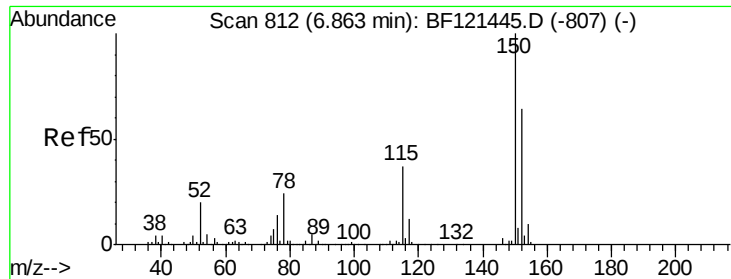
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	837856	106.560	ng	100
43) 2,4,6-Trichlorophenol	9.13	196	512871	43.398	ng	97
44) 2,4,5-Trichlorophenol	9.17	196	542558	46.428	ng	99
46) 1,1'-Biphenyl	9.32	154	1923845	40.420	ng	99
47) 2-Chloronaphthalene	9.35	162	1463257	37.402	ng	98
48) 2-Nitroaniline	9.44	65	466355	43.236	ng	96
49) Acenaphthylene	9.76	152	2386124	40.662	ng	99
50) Dimethylphthalate	9.63	163	1739921	40.158	ng	100
51) 2,6-Dinitrotoluene	9.68	165	382526	47.227	ng	92
52) Acenaphthene	9.93	154	1566285	42.270	ng	99
53) 3-Nitroaniline	9.85	138	326404	33.418	ng	# 98
54) 2,4-Dinitrophenol	9.96	184	299907	79.799	ng	# 83
55) Dibenzofuran	10.11	168	2145354	39.858	ng	99
56) 4-Nitrophenol	10.01	139	687192	81.935	ng	93
57) 2,4-Dinitrotoluene	10.09	165	481796	48.168	ng	97
58) Fluorene	10.45	166	1602227	39.487	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	467635	48.064	ng	99
60) Diethylphthalate	10.33	149	1788426	41.085	ng	100
61) 4-Chlorophenyl-phenylether	10.44	204	800059	39.354	ng	100
62) 4-Nitroaniline	10.47	138	425833	40.955	ng	98
63) Azobenzene	10.60	77	1751032	40.677	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	196184	53.016	ng	96
66) n-Nitrosodiphenylamine	10.56	169	1526434	40.177	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	518860	39.264	ng	99
68) Hexachlorobenzene	11.00	284	592336	38.332	ng	98
69) Atrazine	11.09	200	443922	40.290	ng	100
70) Pentachlorophenol	11.19	266	693493	98.233	ng	97
71) Phenanthrene	11.41	178	2398550	38.909	ng	100
72) Anthracene	11.46	178	2467783	40.702	ng	100
73) Carbazole	11.62	167	2288562	39.144	ng	100
74) Di-n-butylphthalate	11.95	149	2696150	41.511	ng	100
75) Fluoranthene	12.60	202	2641750	39.763	ng	100
77) Benzidine	12.72	184	1584845	78.712	ng	99
78) Pyrene	12.83	202	2683611	40.701	ng	100
80) Butylbenzylphthalate	13.45	149	1168697	46.009	ng	96
81) Benzo(a)anthracene	14.02	228	2168947	38.485	ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	707559	34.277	ng	98
83) Chrysene	14.06	228	2193783	38.908	ng	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1449532	44.184	ng	99
85) Di-n-octyl phthalate	14.63	149	2615505	47.043	ng	100
87) Indeno(1,2,3-cd)pyrene	16.96	276	2075809	39.858	ng	100
88) Benzo(b)fluoranthene	15.06	252	2294147	41.665	ng	100
89) Benzo(k)fluoranthene	15.10	252	2090112	40.811	ng	100
90) Benzo(a)pyrene	15.43	252	1972334	39.836	ng	100
91) Dibenzo(a,h)anthracene	16.97	278	1732597	40.641	ng	99
92) Benzo(g,h,i)perylene	17.40	276	1672886	40.735	ng	98

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

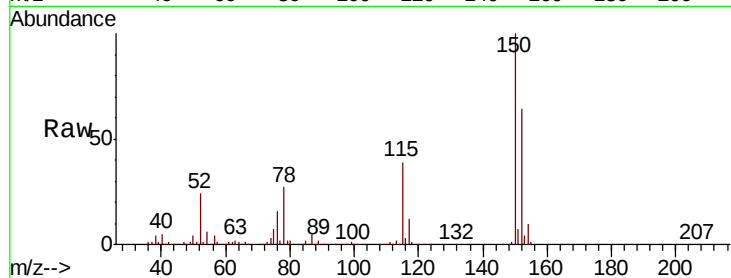


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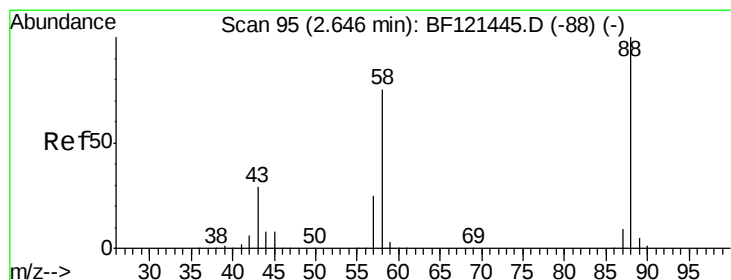
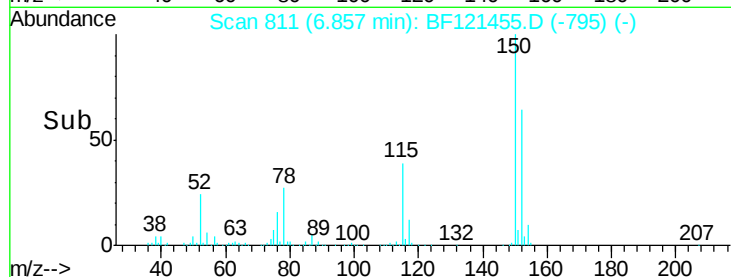
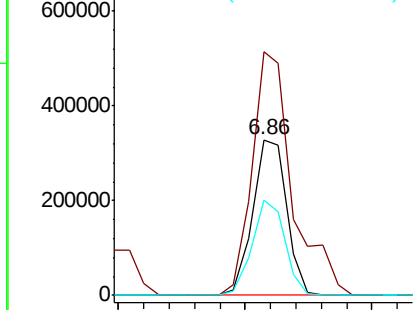
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB131187BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.8	188.6
115	61.5	46.6	69.8



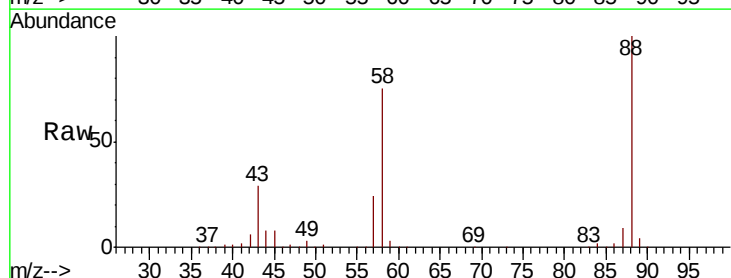
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



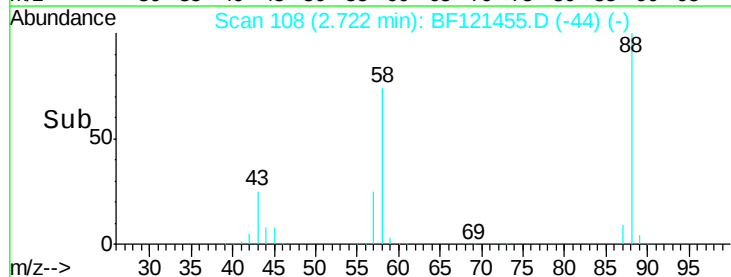
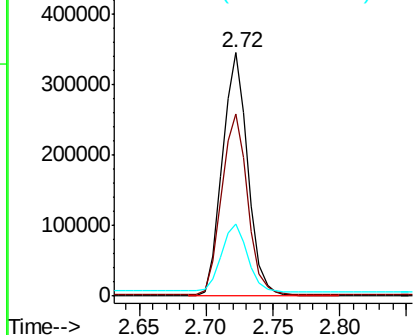
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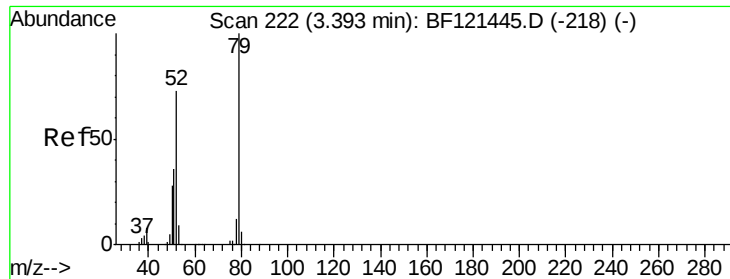
1,4-Dioxane
Concen: 52.690 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.08 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.1	61.1	91.7
43	28.8	23.4	35.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

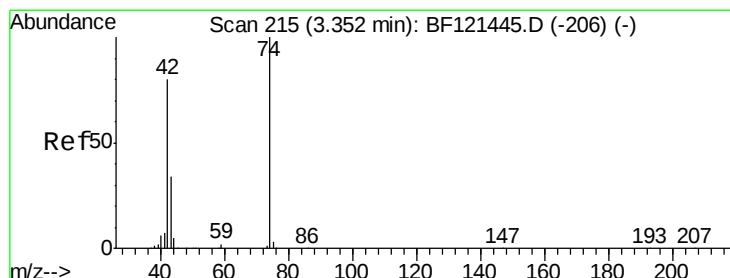
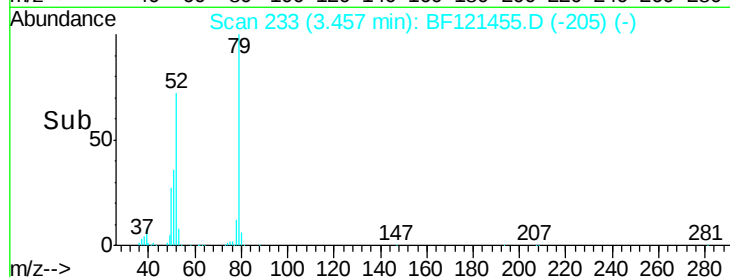
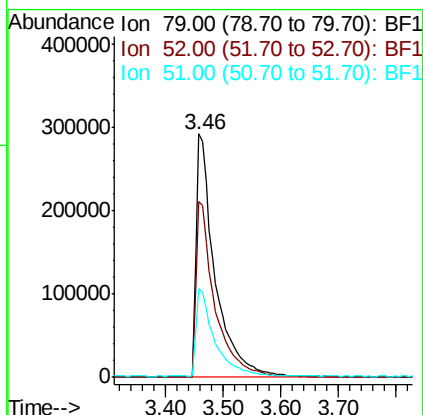
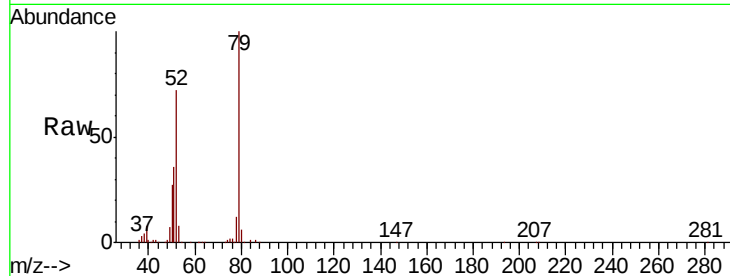




#3
 Pvridine
 Concen: 28.369 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.06 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

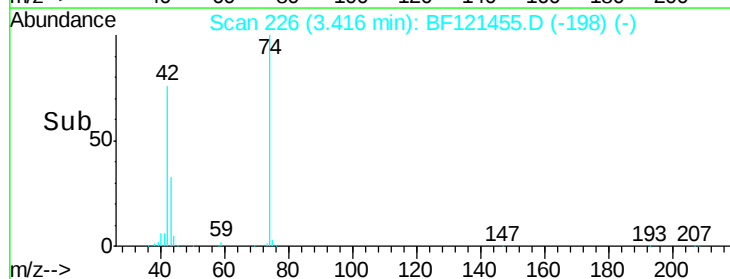
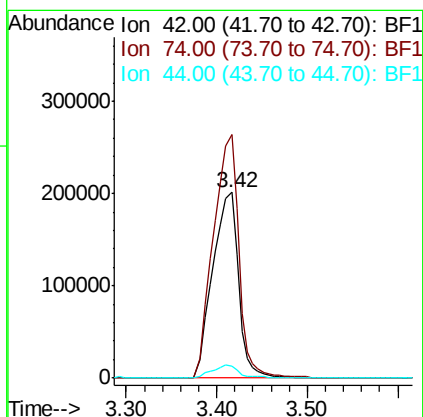
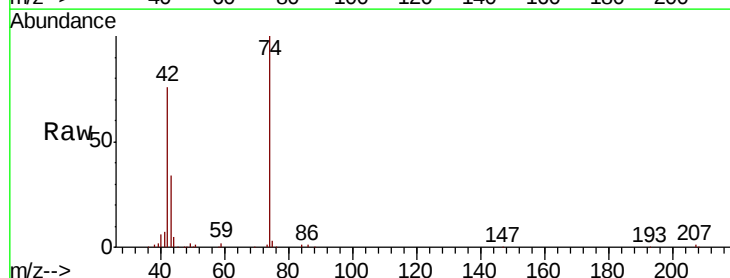
Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

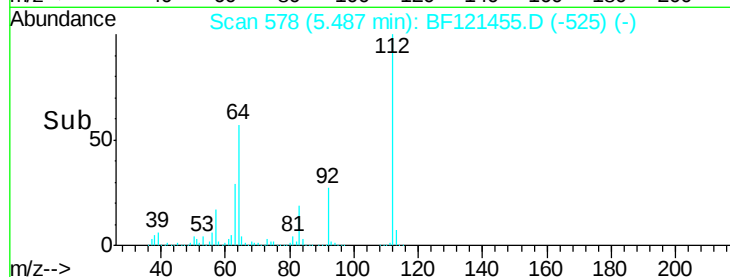
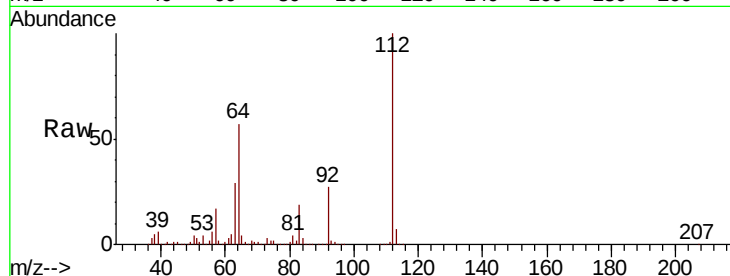
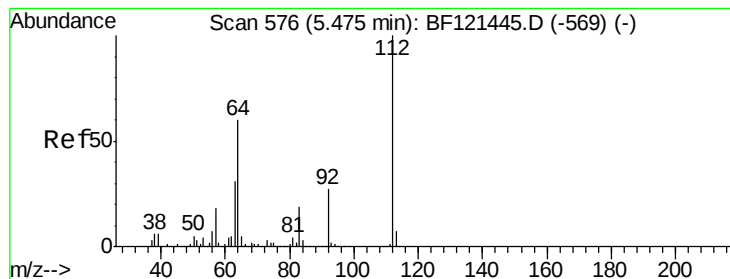
Tot Ion: 79 Resp: 676582
 Ion Ratio Lower Upper
 79 100
 52 72.3 58.2 87.4
 51 36.3 29.1 43.7



#4
 n-Nitrosodimethylamine
 Concen: 37.716 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.06 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion: 42 Resp: 397609
 Ion Ratio Lower Upper
 42 100
 74 131.3 100.2 150.4
 44 6.5 5.4 8.0





#5

2-Fluorophenol

Concen: 99.261 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

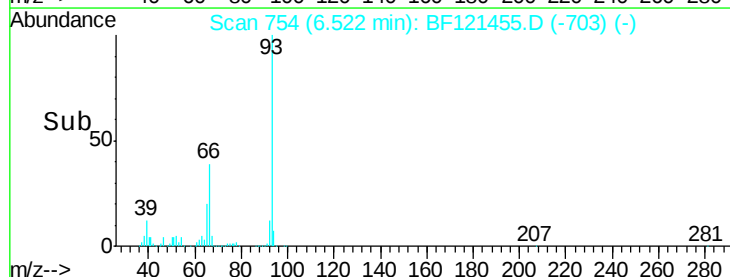
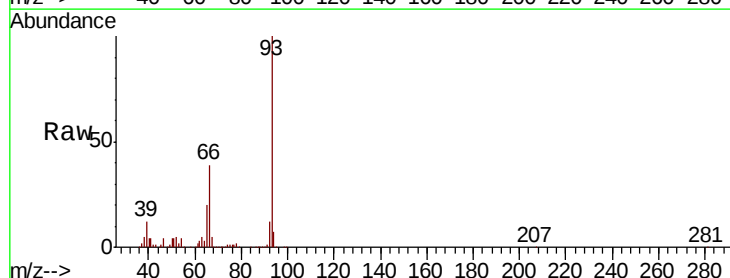
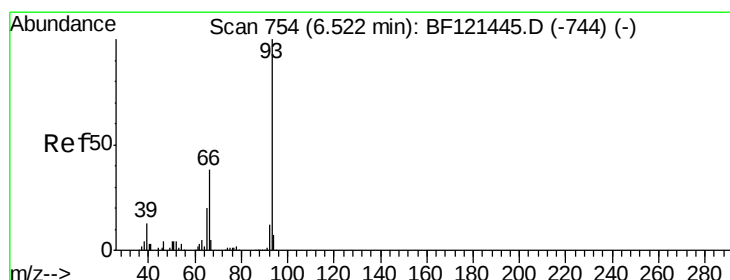
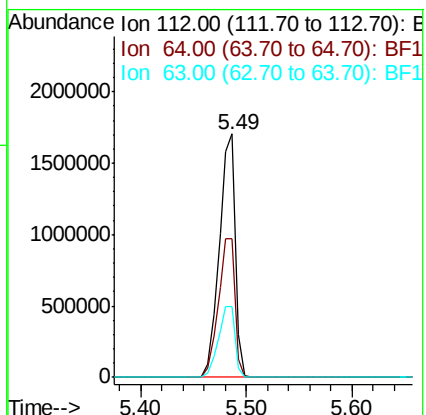
Tot Ion:112 Resp: 1822857

Ion Ratio Lower Upper

112 100

64 57.1 48.2 72.2

63 29.3 24.8 37.2



#6

Aniline

Concen: 37.101 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

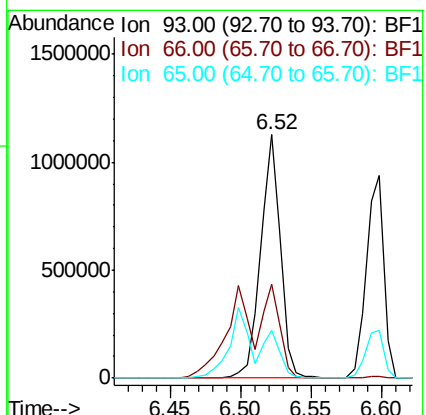
Tgt Ion: 93 Resp: 1129730

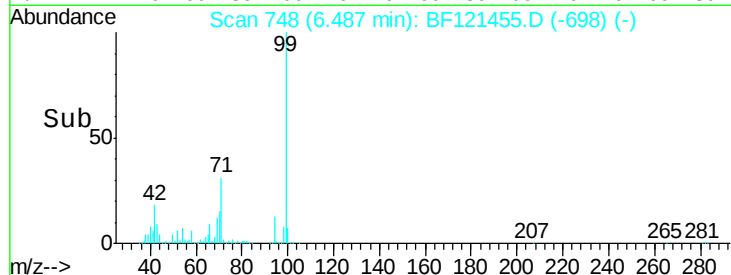
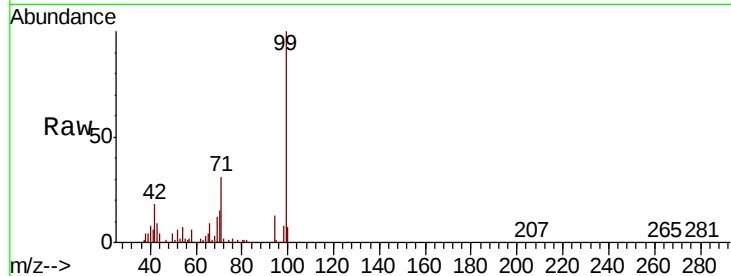
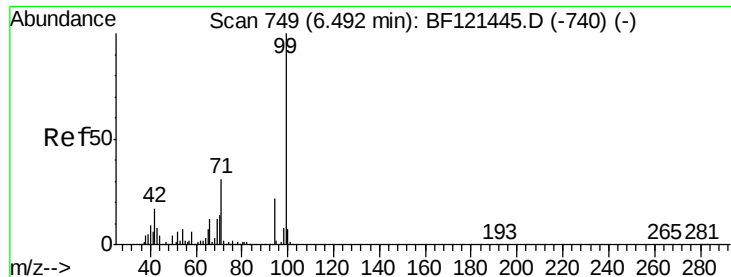
Ion Ratio Lower Upper

93 100

66 38.8 30.9 46.3

65 19.7 15.9 23.9





#7

Phenol-d6

Concen: 93.626 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

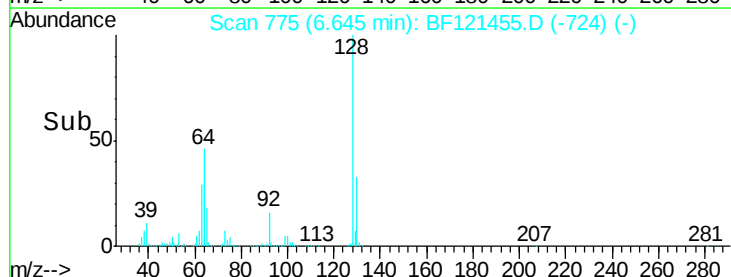
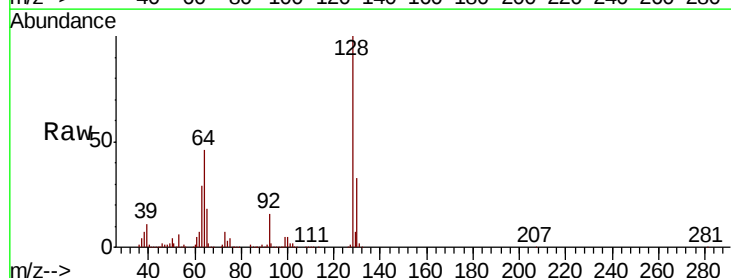
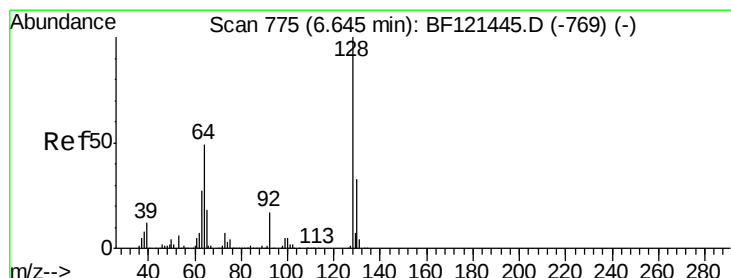
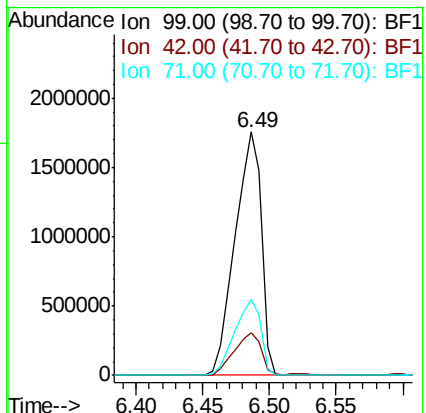
Tot Ion: 99 Resp: 2402764

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

71 31.4 24.6 37.0



#8

2-Chlorophenol

Concen: 44.644 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

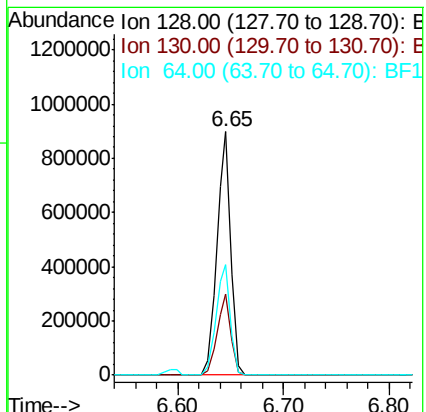
Tgt Ion: 128 Resp: 832093

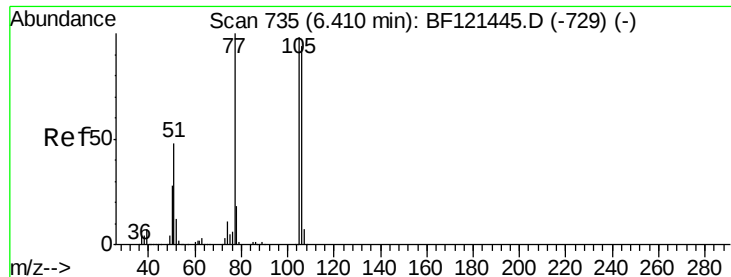
Ion Ratio Lower Upper

128 100

130 33.3 12.6 52.6

64 45.6 29.5 69.5





#9

Benzaldehyde

Concen: 45.318 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

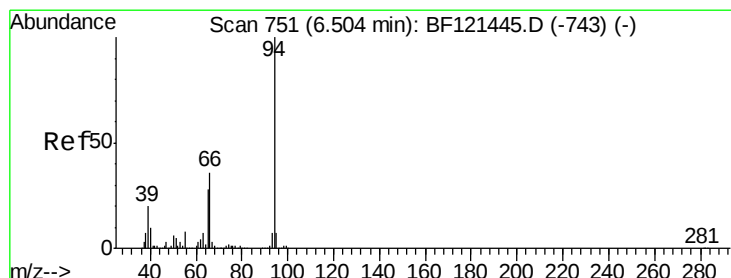
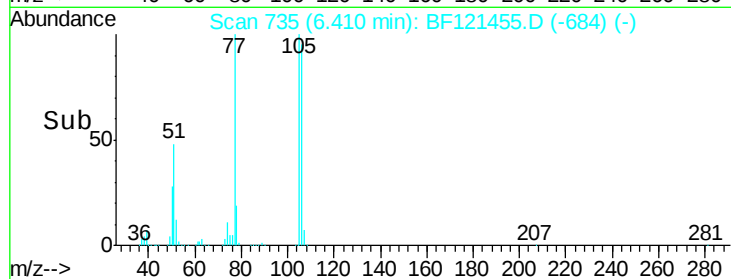
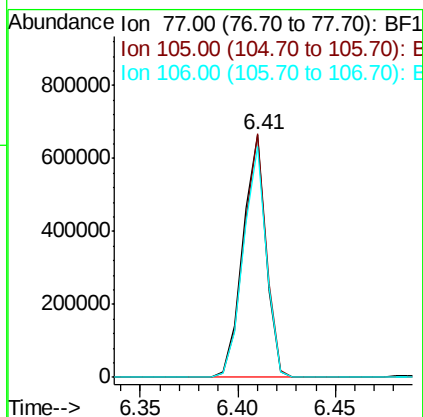
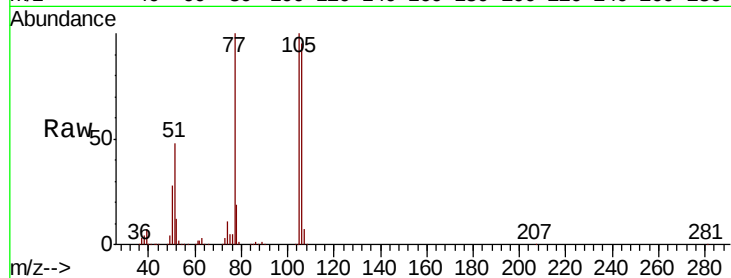
Tot Ion: 77 Resp: 543985

Ion Ratio Lower Upper

77 100

105 100.3 78.1 118.1

106 95.2 74.3 114.3



#10

Phenol

Concen: 43.020 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

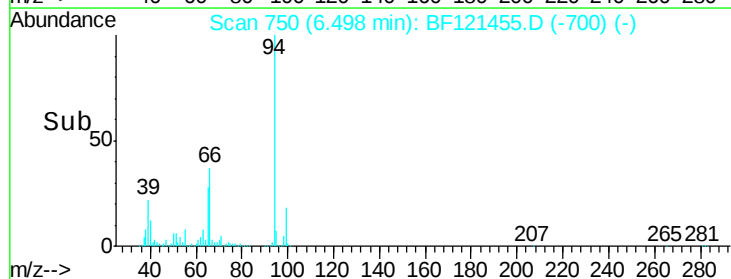
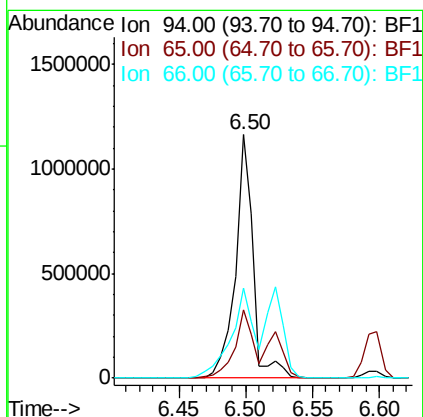
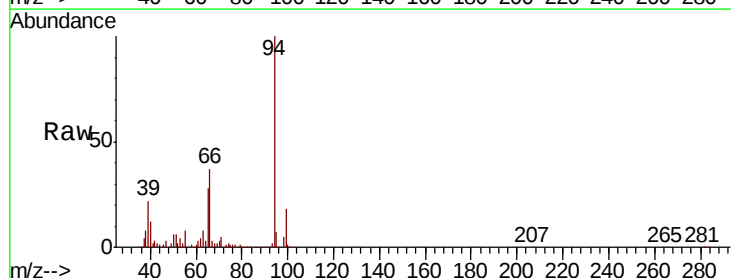
Tgt Ion: 94 Resp: 1080018

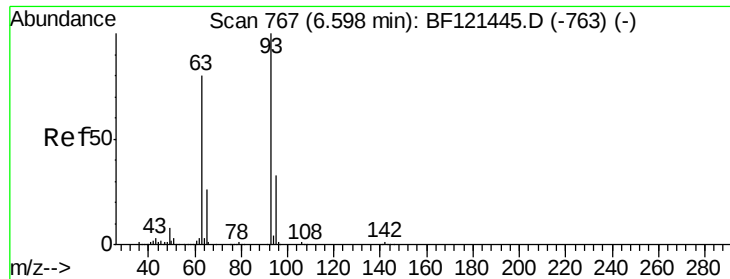
Ion Ratio Lower Upper

94 100

65 28.2 7.9 47.9

66 37.1 16.0 56.0

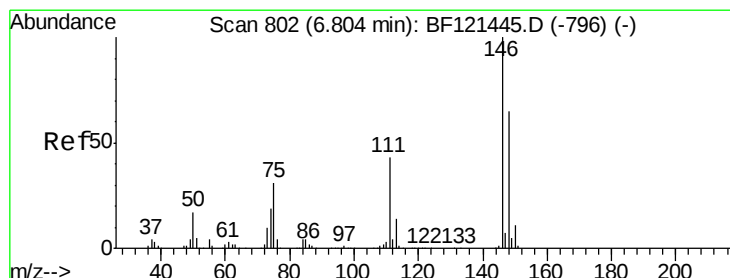
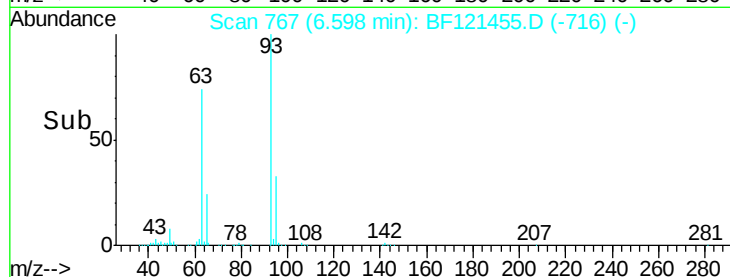
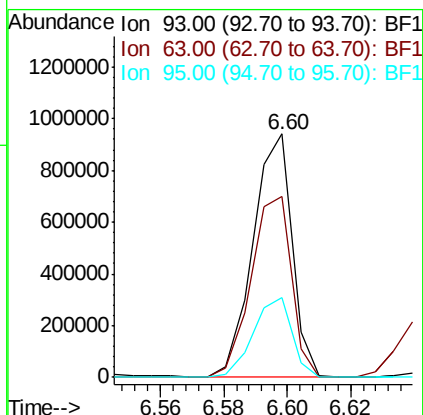
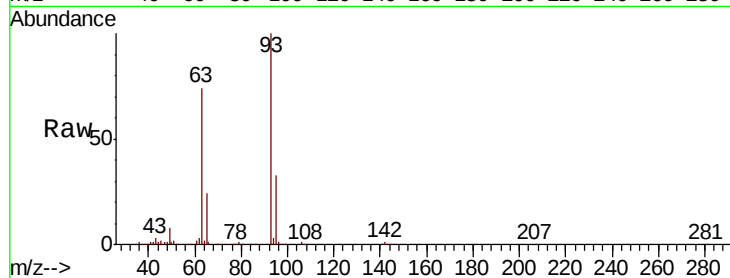




#11
bis(2-Chloroethyl)ether
Concen: 39.407 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

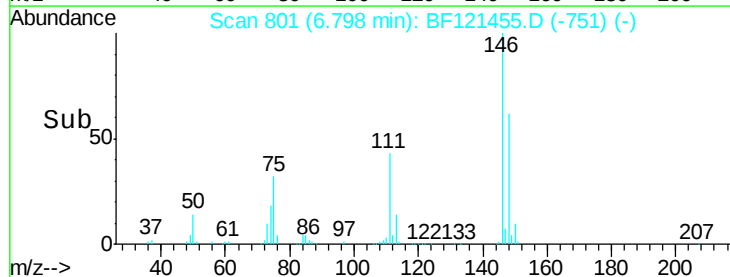
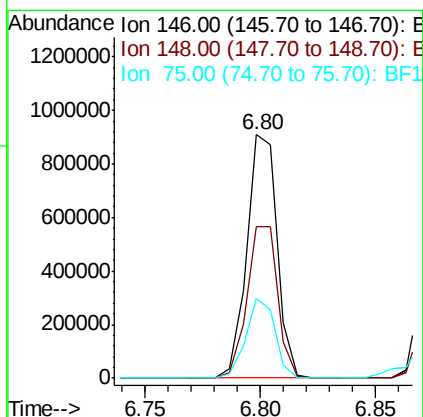
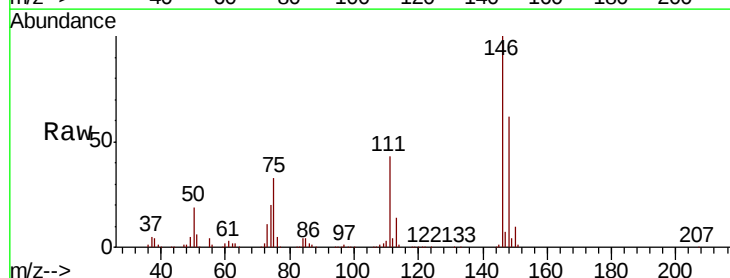
Instrument :
BNA_F
ClientSampleId :
PB131187BSD

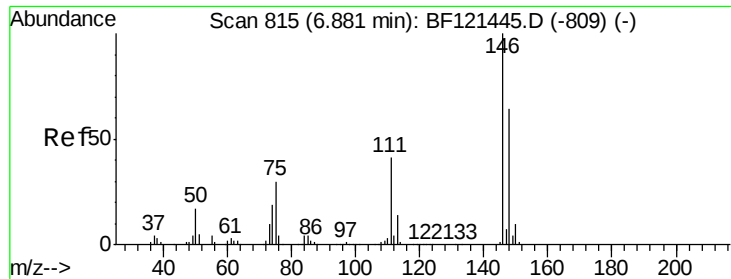
Tot Ion: 93 Resp: 803802
Ion Ratio Lower Upper
93 100
63 74.2 59.3 99.3
95 32.8 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 37.256 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion: 146 Resp: 836074
Ion Ratio Lower Upper
146 100
148 62.4 52.1 78.1
75 32.7 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 37.393 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

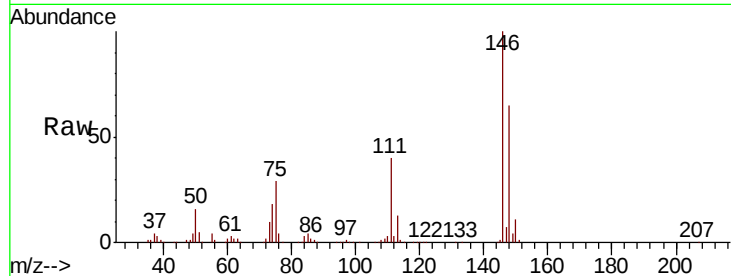
Tot Ion:146 Resp: 840976

Ion Ratio Lower Upper

146 100

148 65.2 51.2 76.8

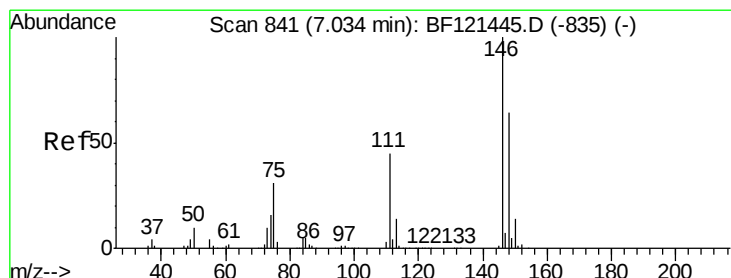
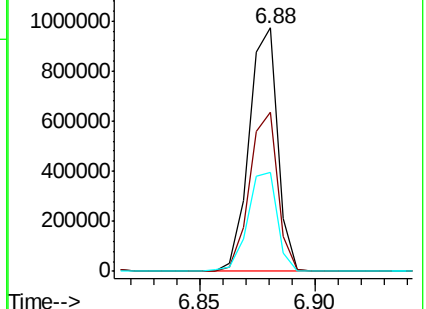
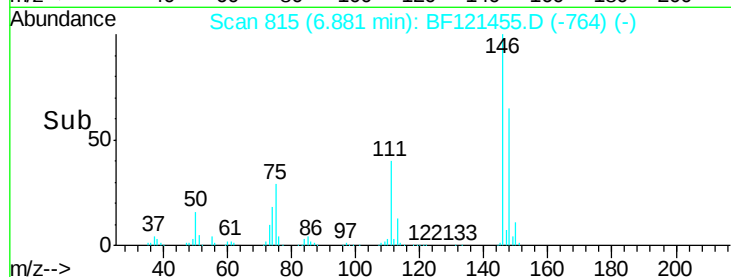
111 40.5 33.0 49.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.950 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

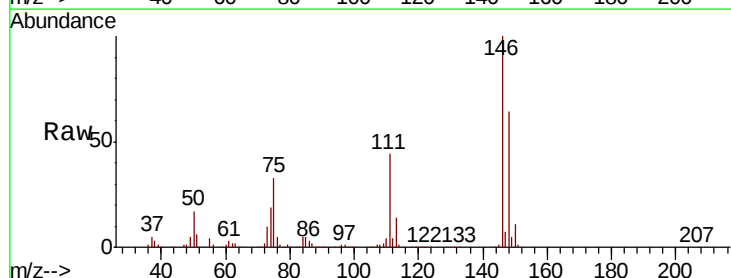
Tgt Ion:146 Resp: 815665

Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

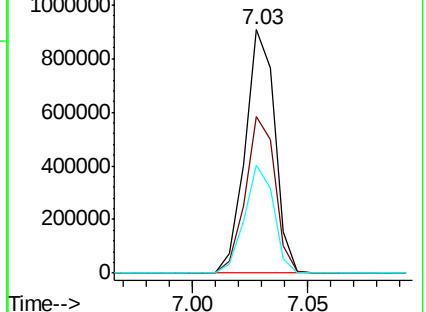
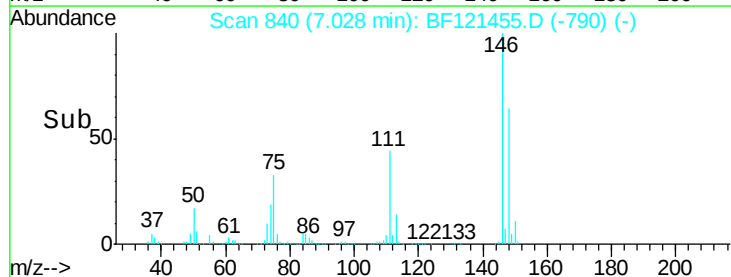
111 44.4 36.2 54.2

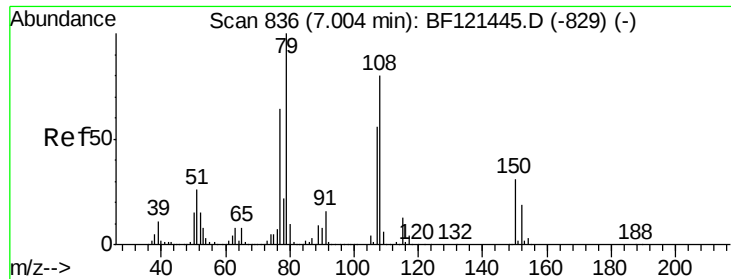


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.728 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleID :

PB131187BSD

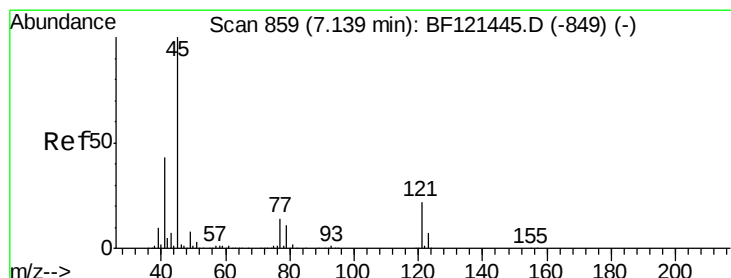
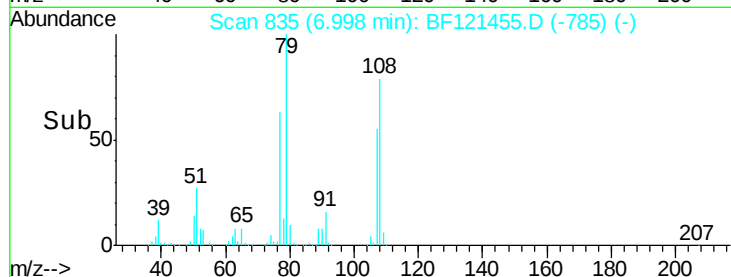
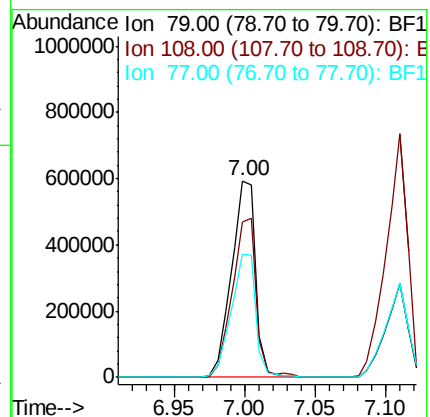
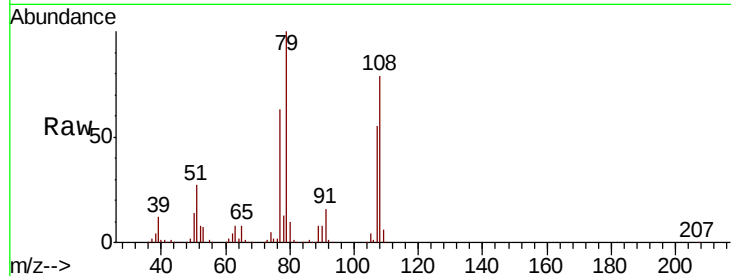
Tot Ion: 79 Resp: 702881

Ion Ratio Lower Upper

79 100

108 78.7 64.0 96.0

77 62.9 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.373 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

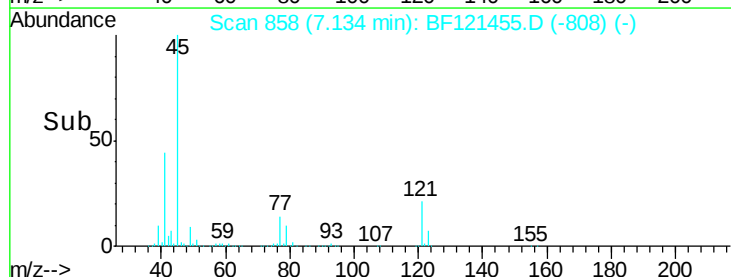
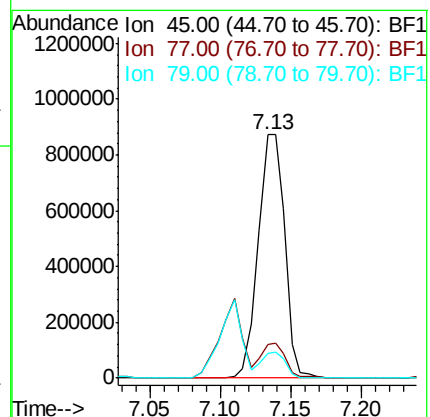
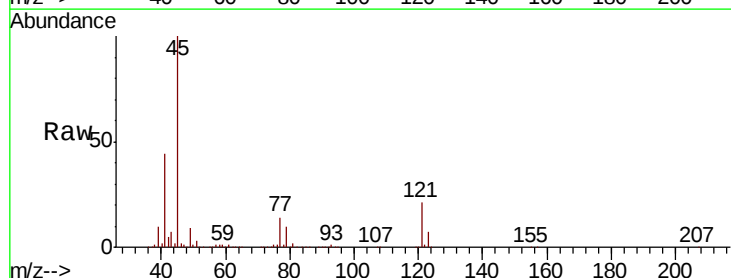
Tgt Ion: 45 Resp: 1159525

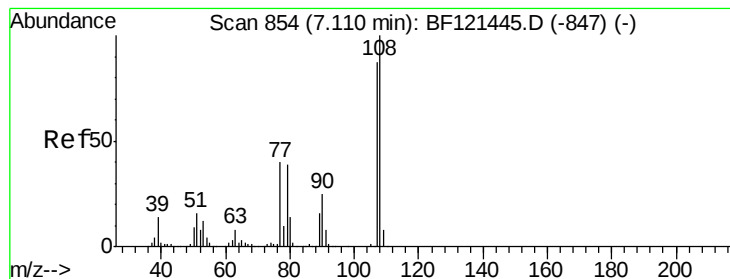
Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.8

79 10.3 0.0 31.1

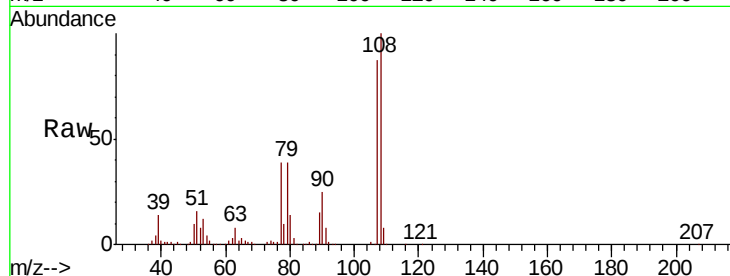




#17
2-Methylphenol
Concen: 41.817 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB131187BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.7	137.5
77	44.4	36.4	54.6
79	44.2	35.5	53.3



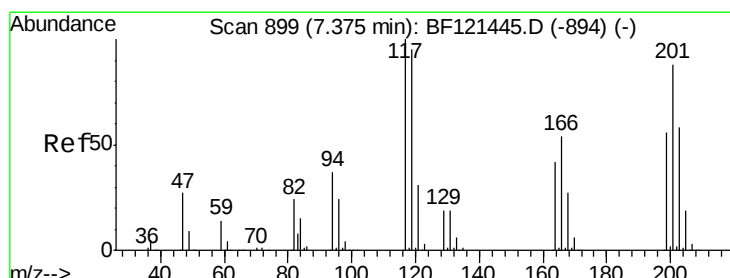
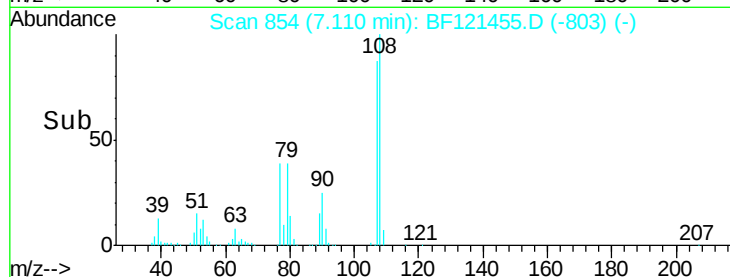
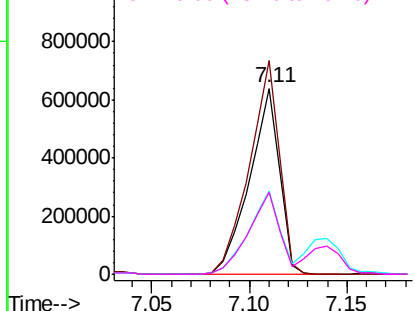
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

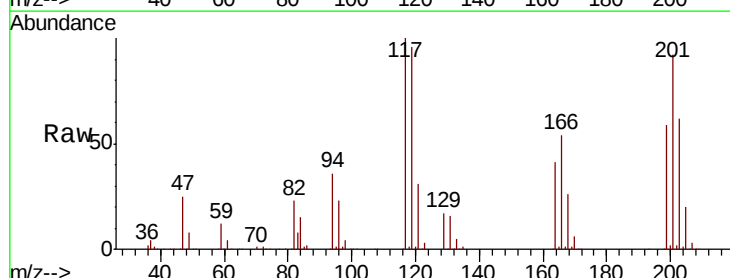
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.024 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.8	113.8
201	92.4	70.4	105.6

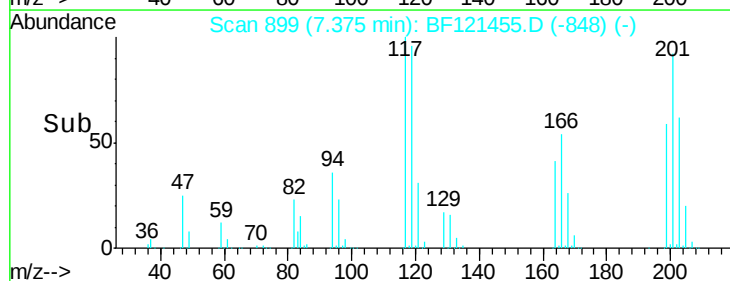
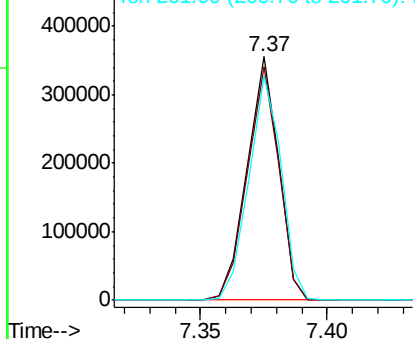


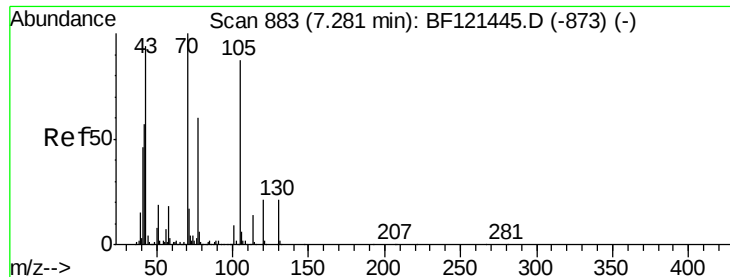
Abundance

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

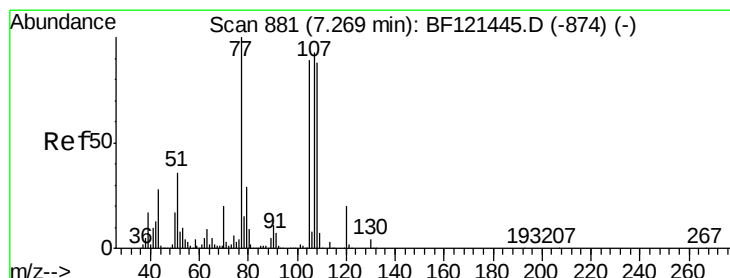
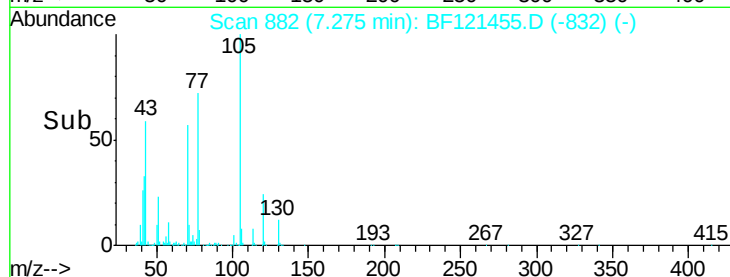
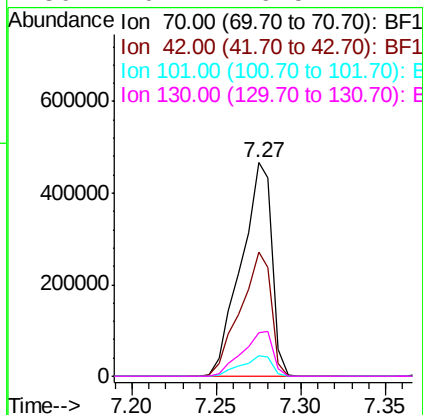
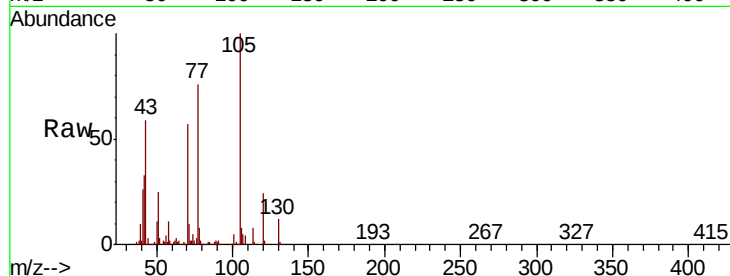




#19
n-Nitroso-di-n-propylamine
Concen: 41.361 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

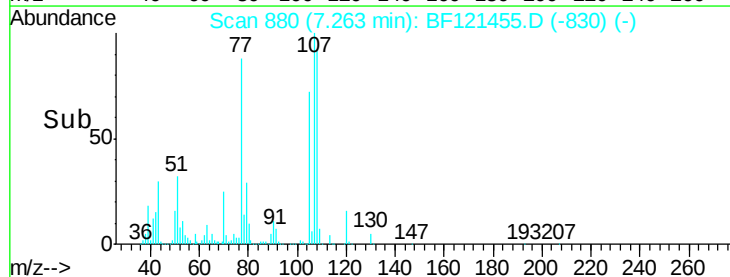
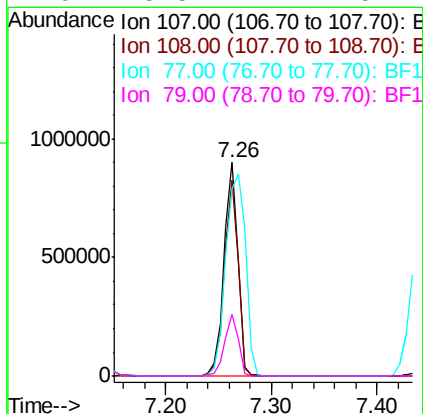
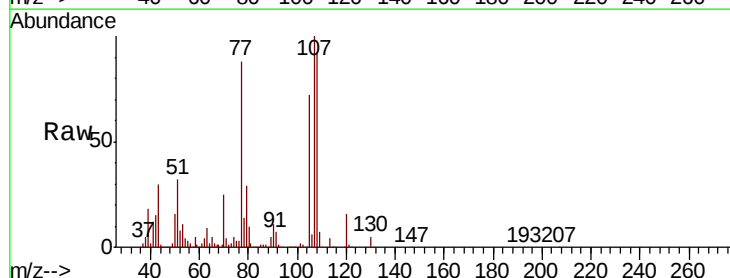
Instrument :
BNA_F
ClientSampleId :
PB131187BSD

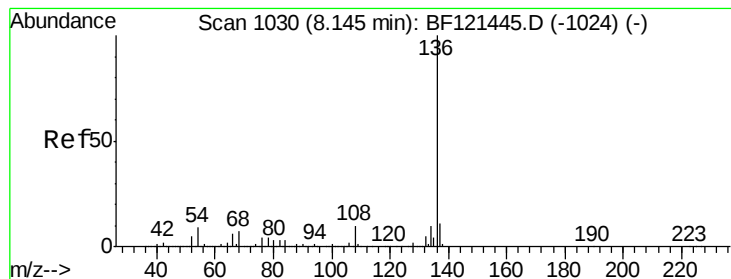
Tot Ion:	70	Resp:	593187
Ion	Ratio	Lower	Upper
70	100		
42	57.9	45.8	68.6
101	9.5	7.5	11.3
130	20.7	16.5	24.7



#20
3+4-Methylphenols
Concen: 42.578 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion:	107	Resp:	835554
Ion	Ratio	Lower	Upper
107	100		
108	91.7	75.0	115.0
77	87.7	87.5	127.5
79	28.5	11.1	51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

Tot Ion:136 Resp: 1205436

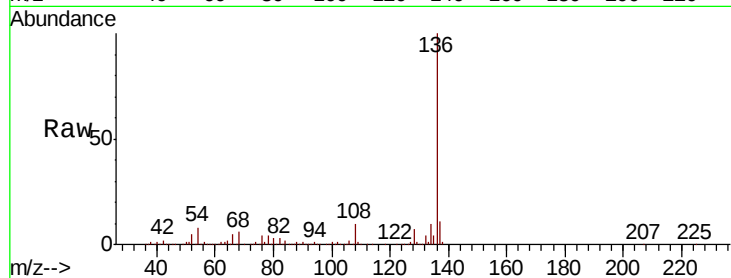
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.0 7.0 10.4

68 6.5 5.5 8.3

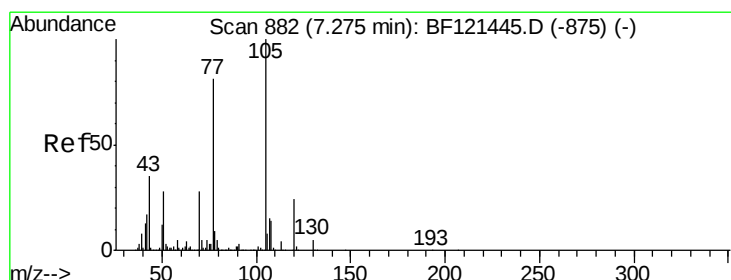
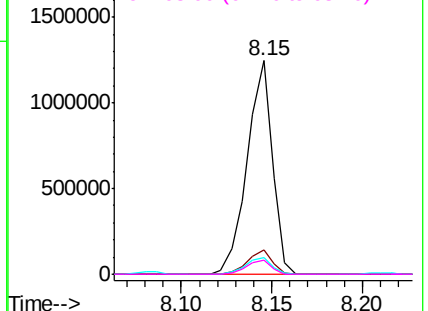
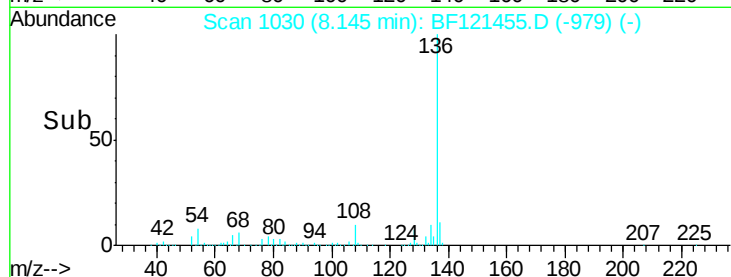


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.956 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Tgt Ion:105 Resp: 1097981

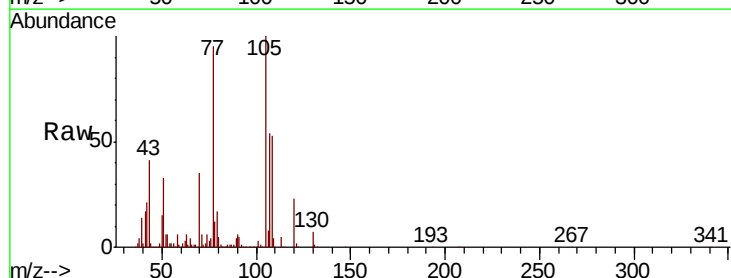
Ion Ratio Lower Upper

105 100

71 6.0 3.8 5.6#

51 33.0 22.6 33.8

120 23.2 18.9 28.3

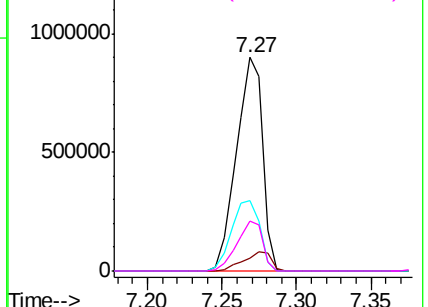
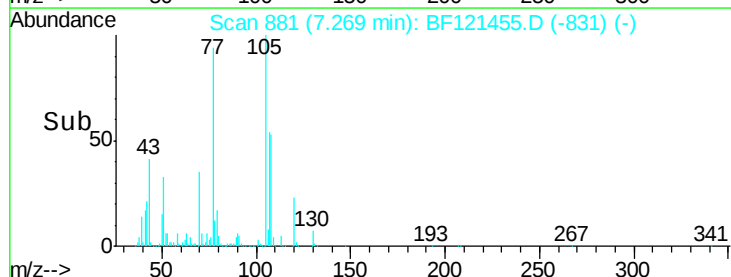


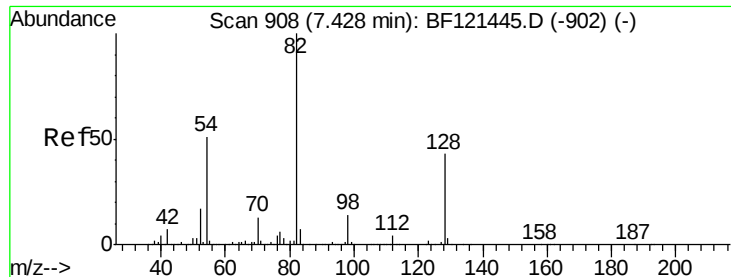
Abundance Ion 105.00 (104.70 to 105.70): E

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

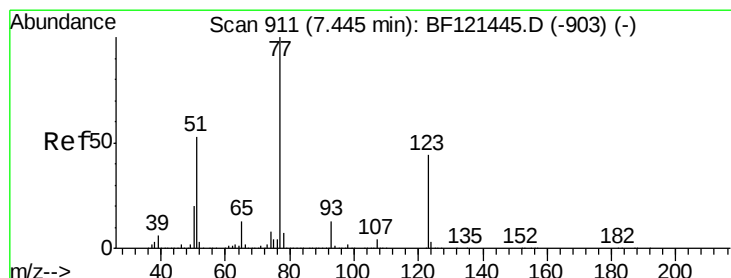
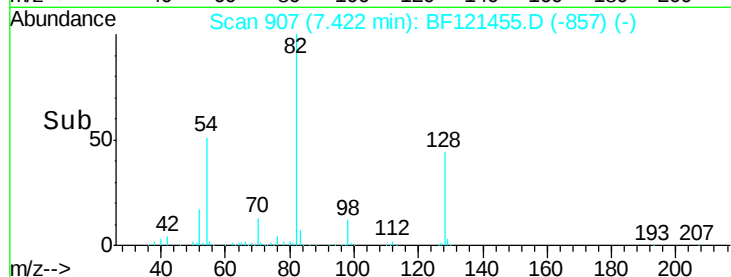
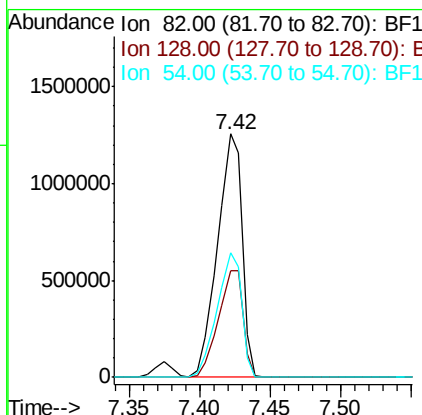
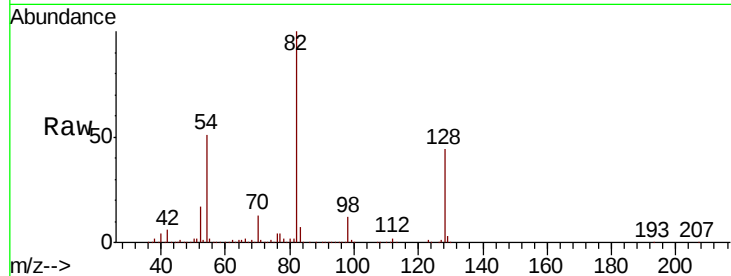




#23
 Nitrobenzene-d5
 Concen: 86.161 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

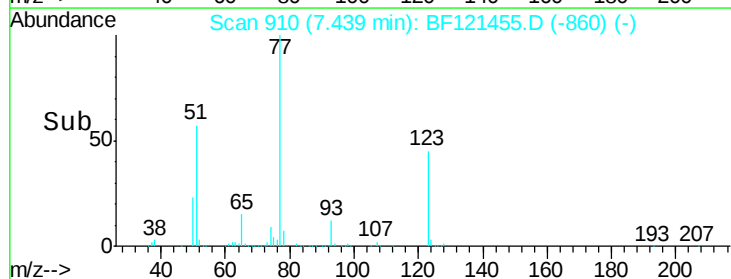
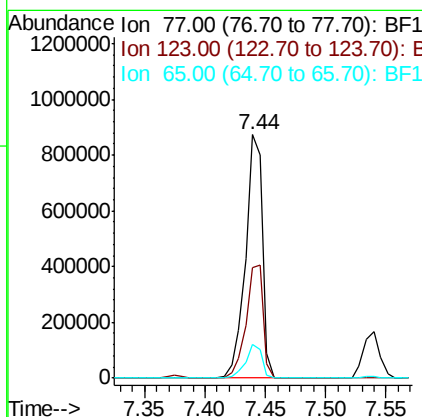
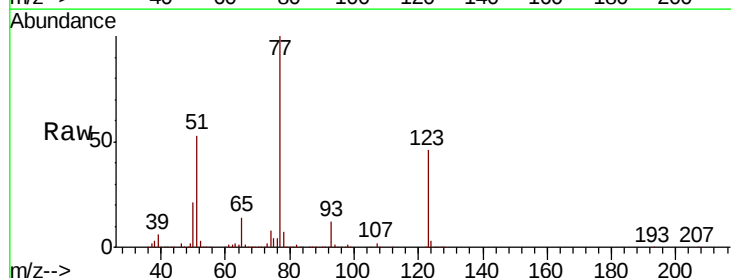
Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

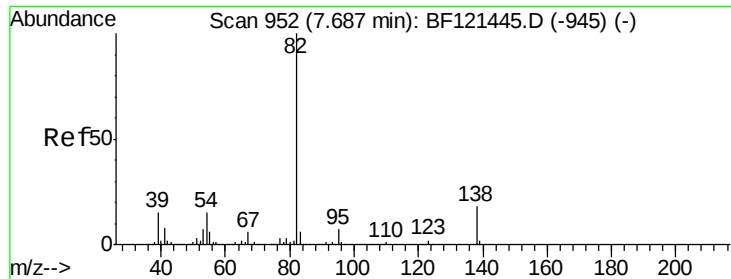
Tot Ion: 82 Resp: 1519202
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.1 51.1
 54 50.9 41.0 61.6



#24
 Nitrobenzene
 Concen: 48.372 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion: 77 Resp: 854941
 Ion Ratio Lower Upper
 77 100
 123 45.6 35.5 53.3
 65 13.7 10.6 16.0





#25

Isophorone

Concen: 40.728 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

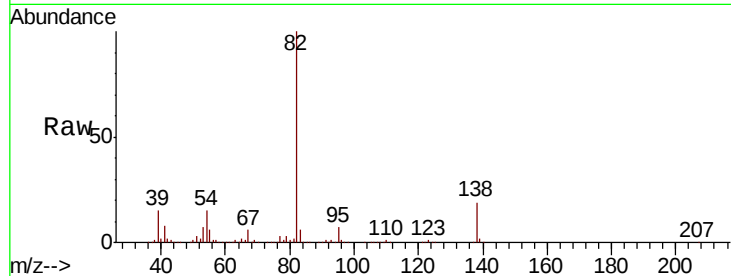
Tot Ion: 82 Resp: 1615214

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

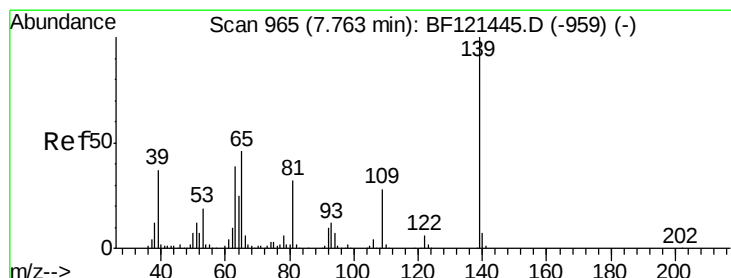
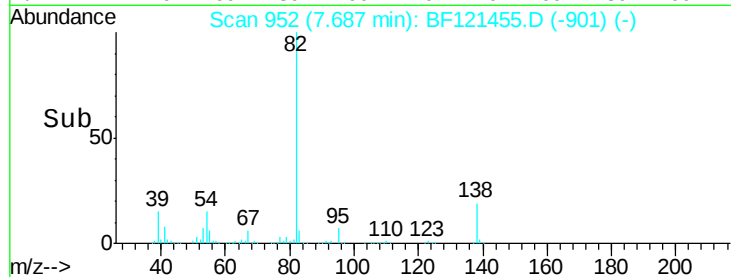
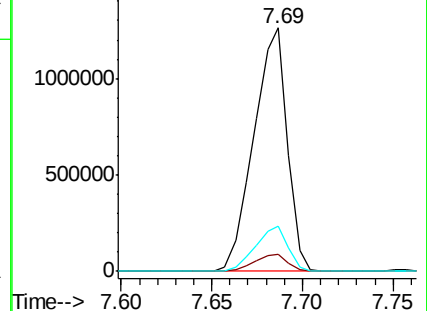
138 18.6 14.8 22.2



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: 50.037 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

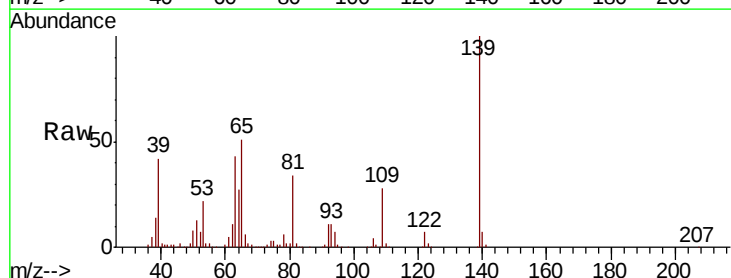
Tgt Ion: 139 Resp: 376013

Ion Ratio Lower Upper

139 100

109 28.2 22.1 33.1

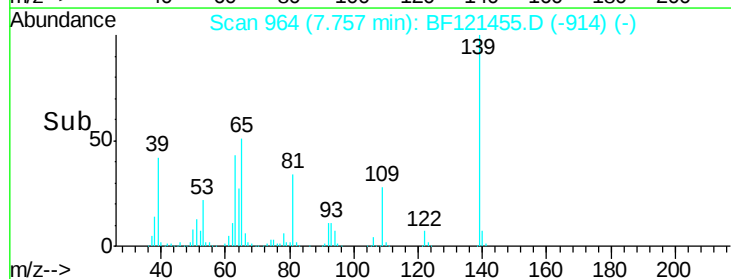
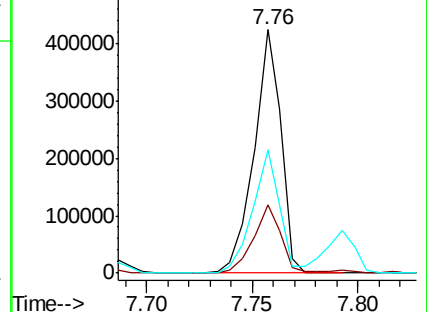
65 50.8 37.2 55.8

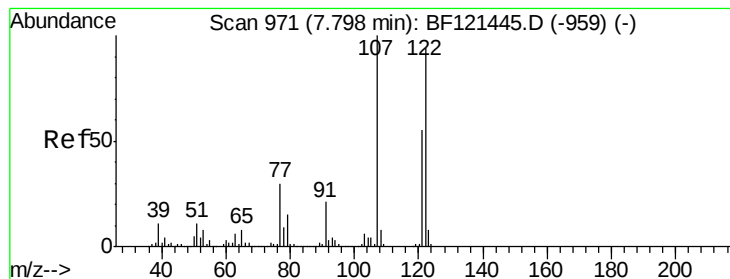


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.134 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

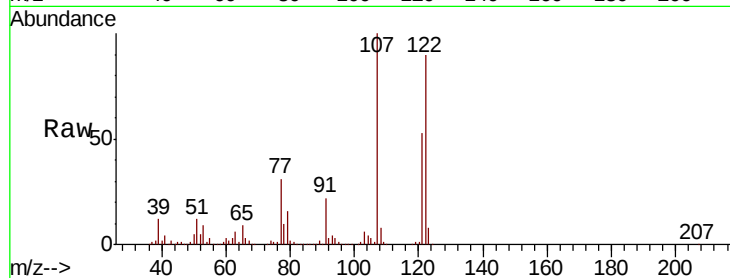
Tot Ion:122 Resp: 775280

Ion Ratio Lower Upper

122 100

107 111.5 84.9 127.3

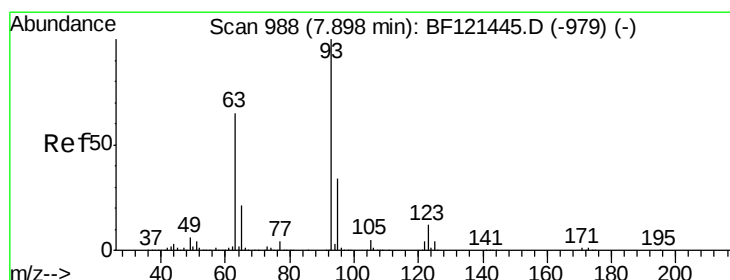
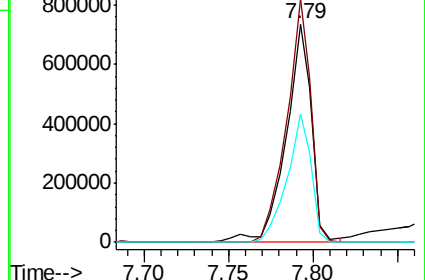
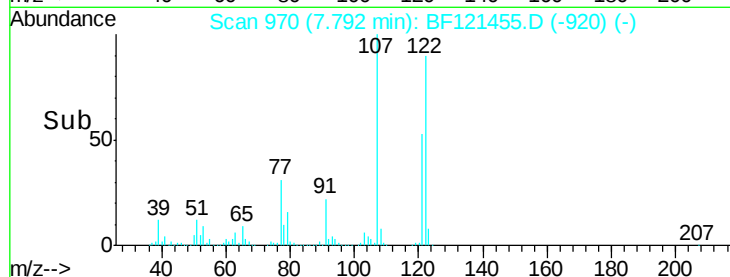
121 58.7 46.4 69.6



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: 38.188 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

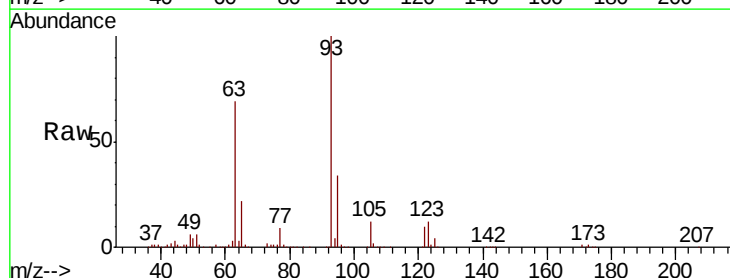
Tgt Ion: 93 Resp: 1029859

Ion Ratio Lower Upper

93 100

95 33.7 26.8 40.2

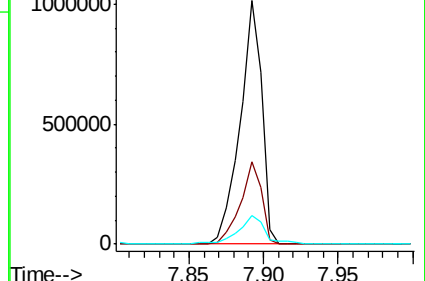
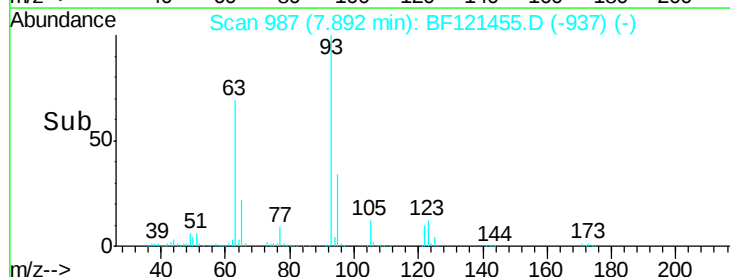
123 11.7 9.6 14.4

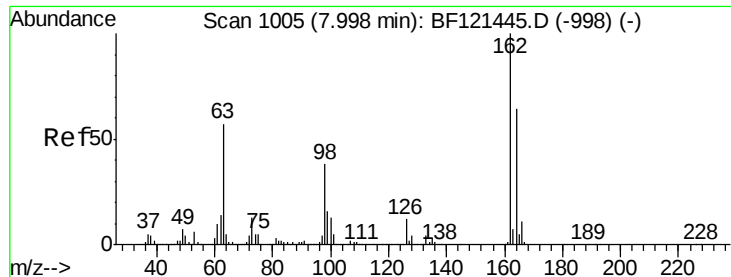


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

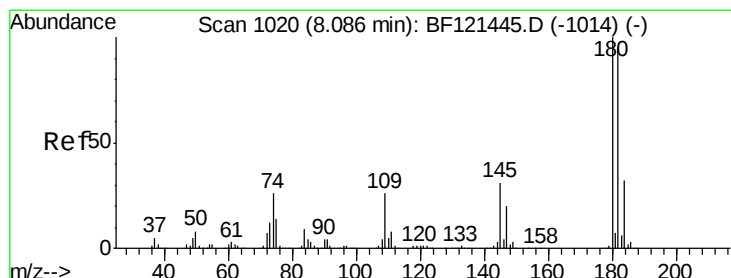
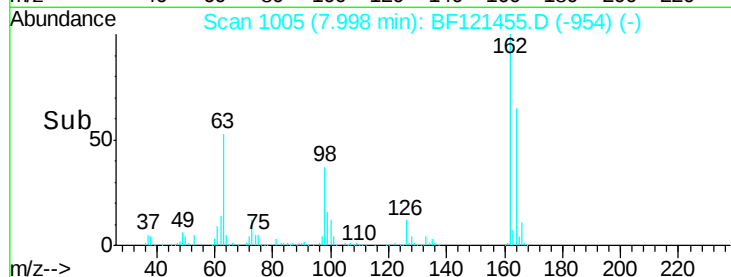
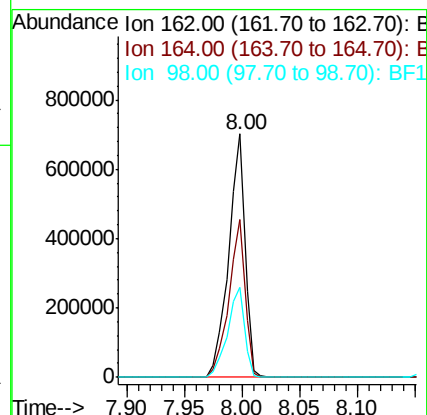
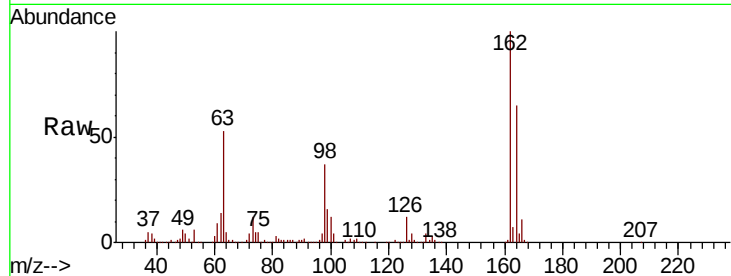




#29
 2,4-Dichlorophenol
 Concen: 42.706 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

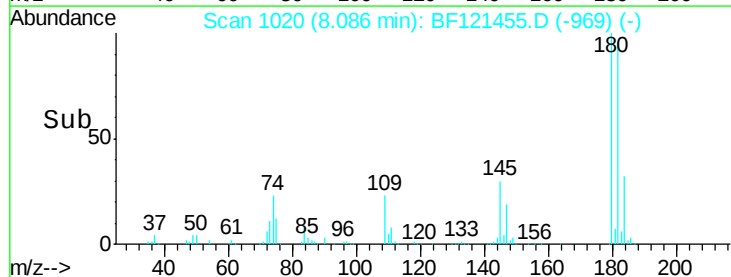
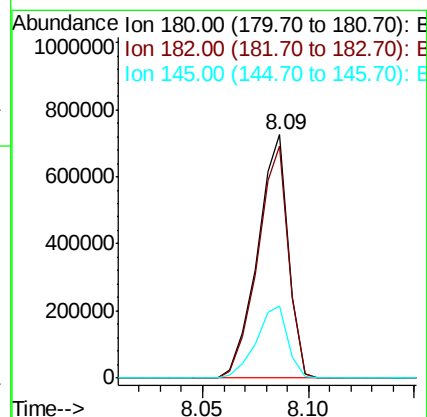
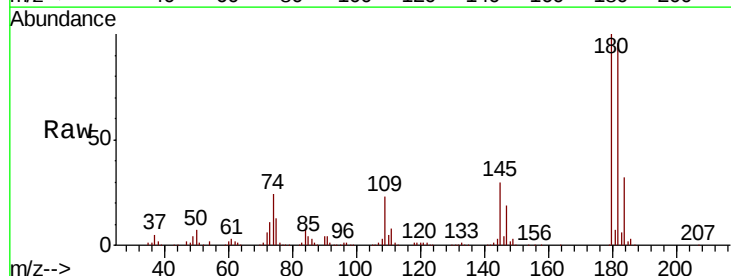
Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

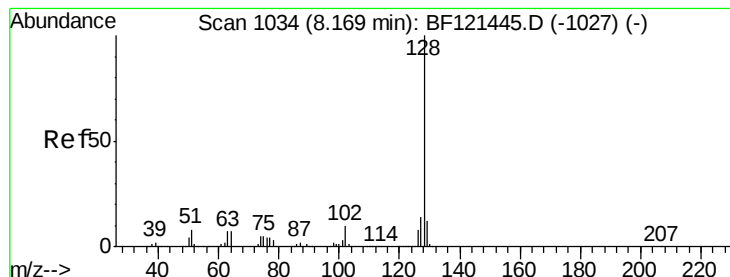
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.0	84.0
98	37.1	18.4	58.4



#30
 1,2,4-Trichlorobenzene
 Concen: 36.892 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.2	114.4
145	29.8	25.2	37.8





#31

Naphthalene

Concen: 38.477 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

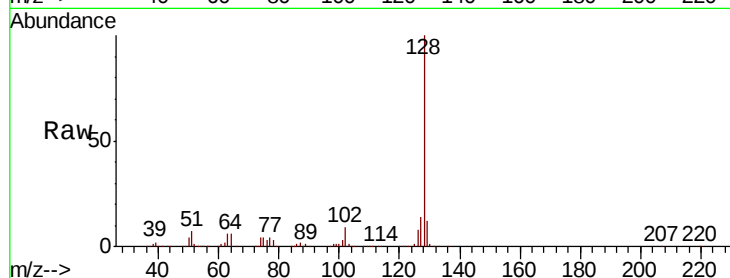
Tot Ion:128 Resp: 2302673

Ion Ratio Lower Upper

128 100

129 11.6 9.6 14.4

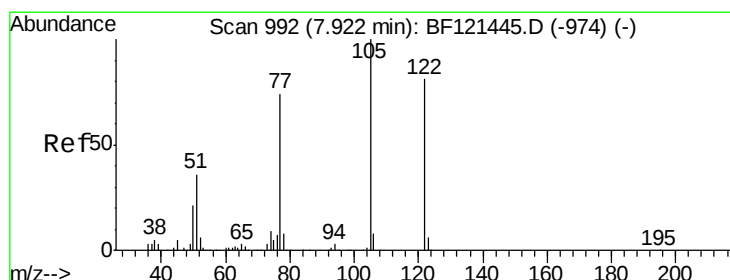
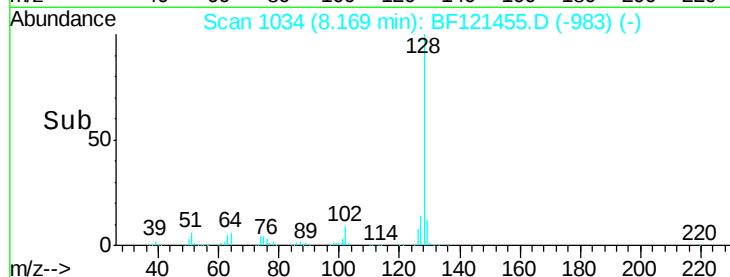
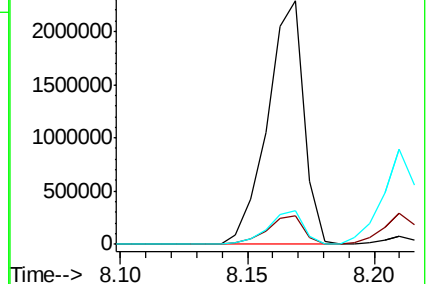
127 13.8 11.4 17.2



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: 47.106 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

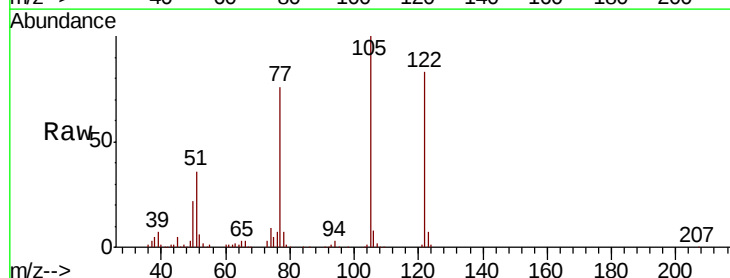
Tgt Ion:122 Resp: 478631

Ion Ratio Lower Upper

122 100

105 120.9 100.8 140.8

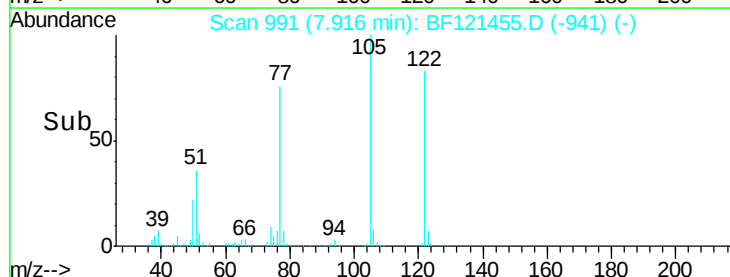
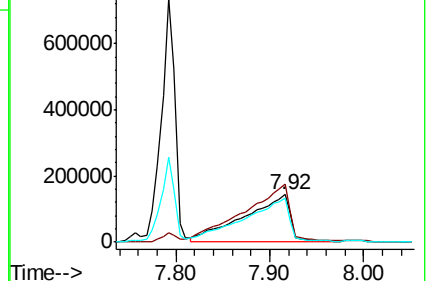
77 92.1 71.5 111.5

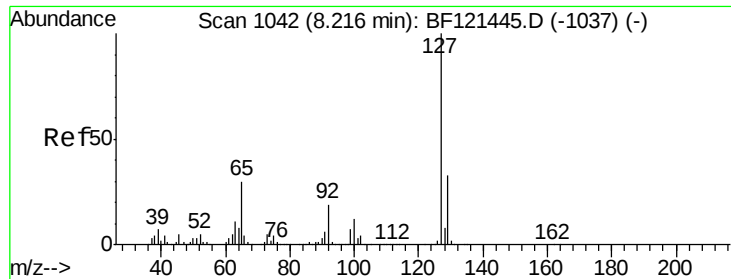


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

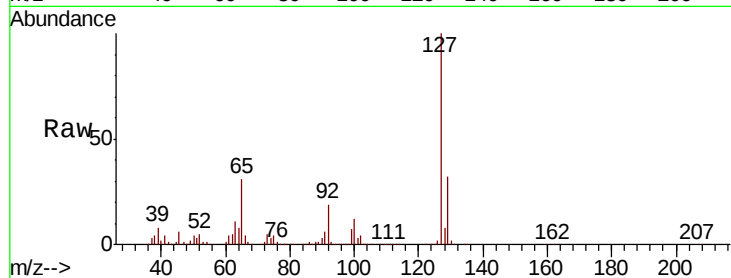




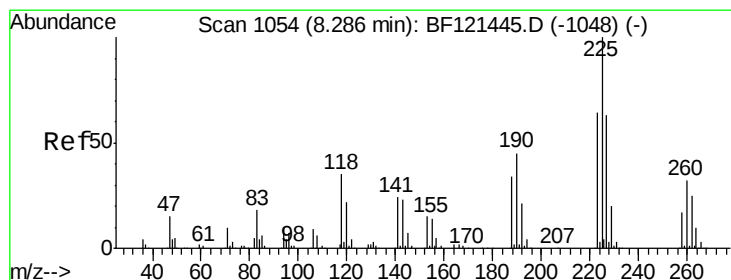
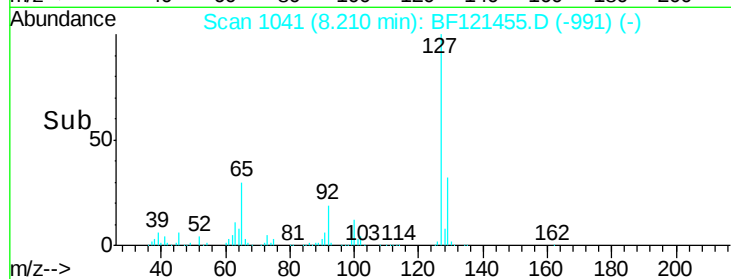
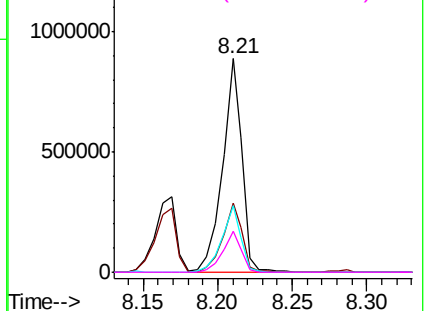
#33
4-Chloroaniline
Concen: 30.451 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB131187BSD

Tot Ion:	127	Resp:	811654
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	30.9	23.7	35.5
92	19.0	15.0	22.6

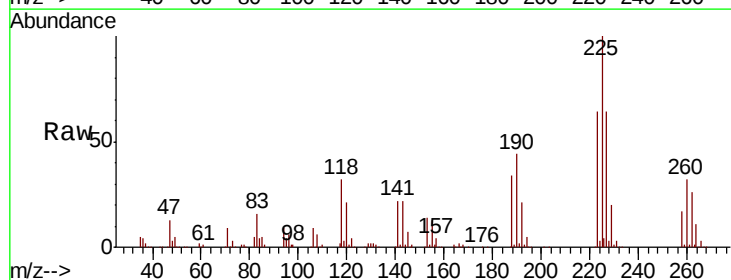


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

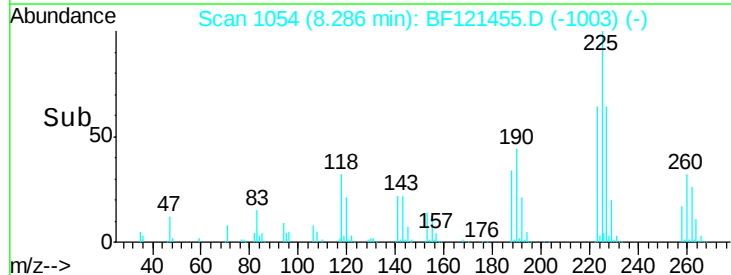
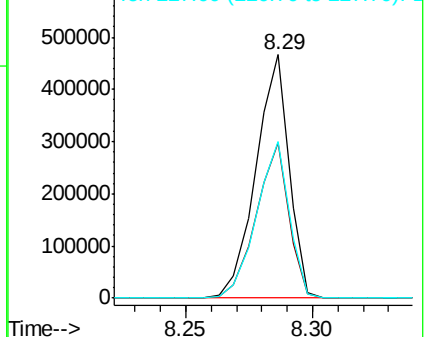


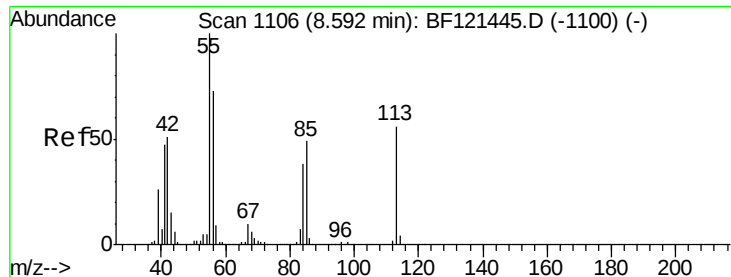
#34
Hexachlorobutadiene
Concen: 35.960 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion:	225	Resp:	425458
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.4
227	64.1	50.0	75.0



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

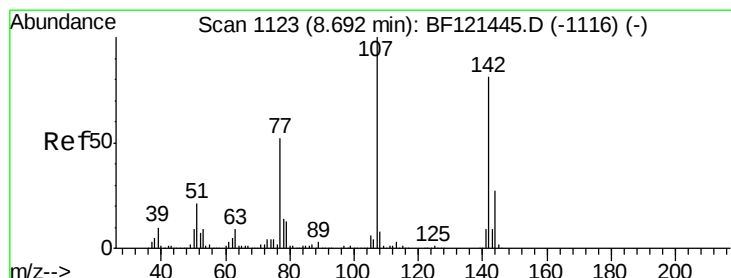
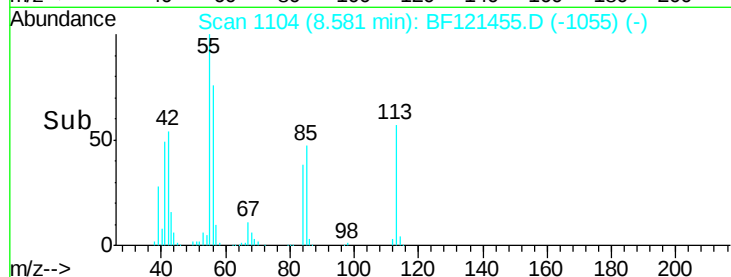
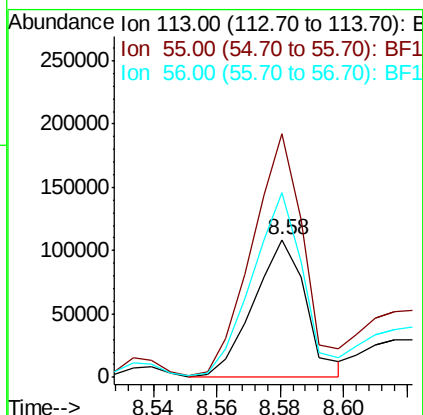
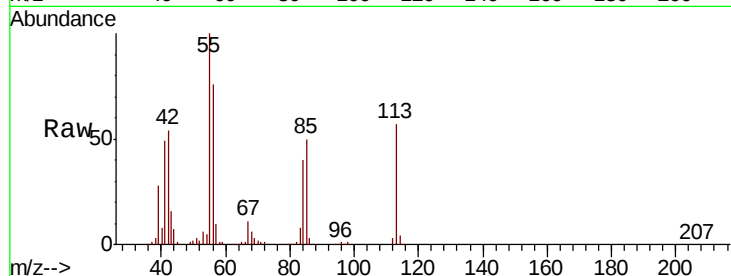




#35
 Caprolactam
 Concen: 23.585 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

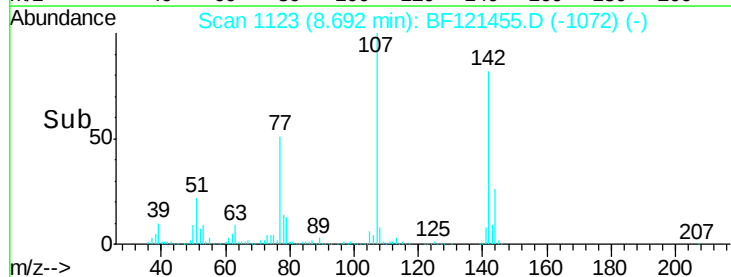
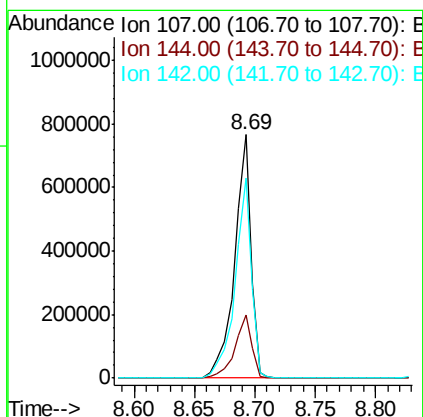
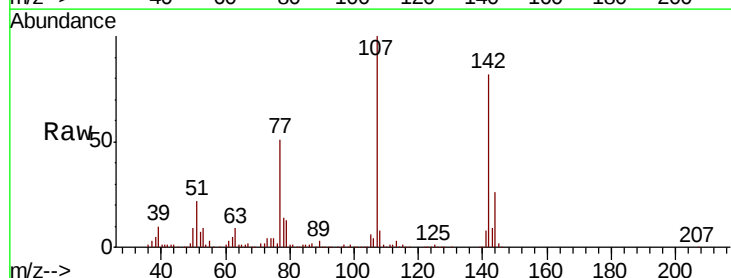
Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

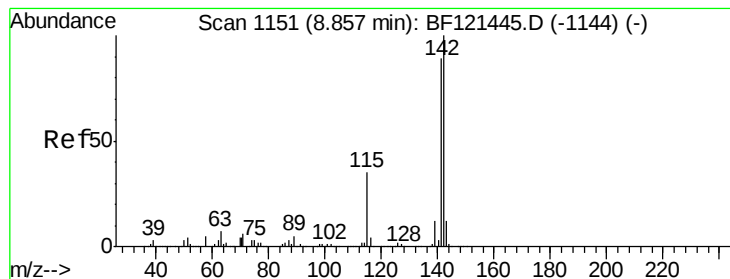
Tot Ion:113 Resp: 124933
 Ion Ratio Lower Upper
 113 100
 55 176.6 159.9 199.9
 56 134.2 111.4 151.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.568 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion:107 Resp: 728913
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.4 32.2
 142 82.0 65.0 97.4





#37

2-Methylnaphthalene

Concen: 40.316 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

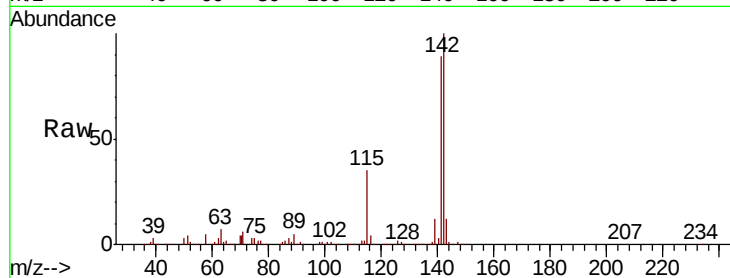
Tot Ion:142 Resp: 1598521

Ion Ratio Lower Upper

142 100

141 89.0 70.8 106.2

115 35.0 28.2 42.4



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

8.86

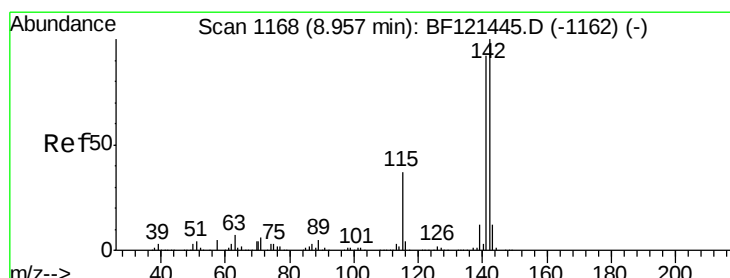
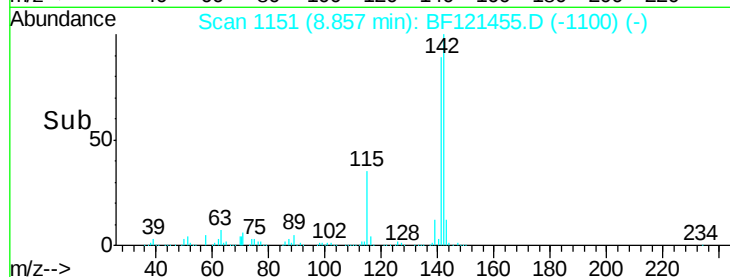
1500000

1000000

500000

0

Time-->



#38

1-Methylnaphthalene

Concen: 40.160 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

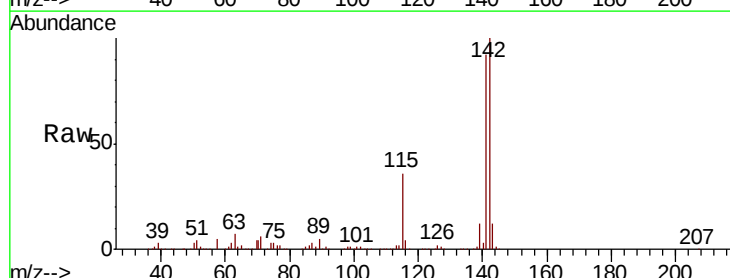
Tgt Ion:142 Resp: 1503599

Ion Ratio Lower Upper

142 100

141 91.6 73.7 110.5

116 3.8 3.1 4.7



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

8.96

2000000

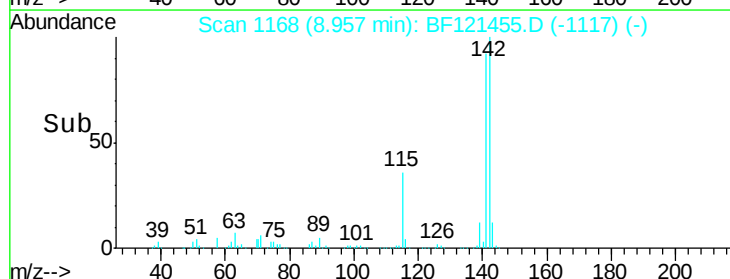
1500000

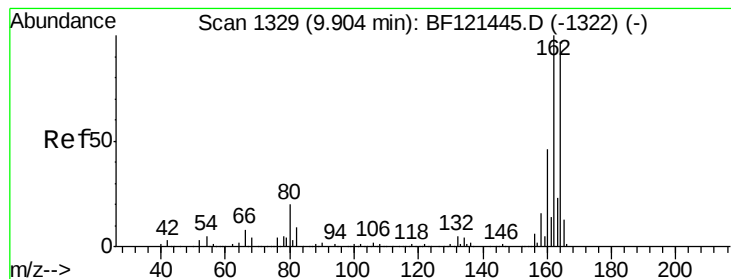
1000000

500000

0

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

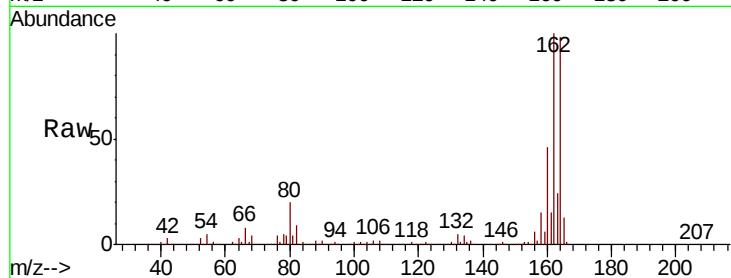
Tot Ion:164 Resp: 630753

Ion Ratio Lower Upper

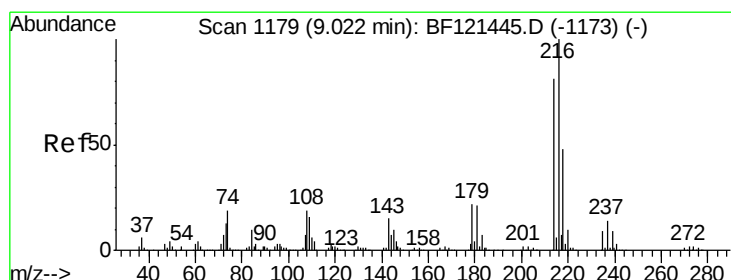
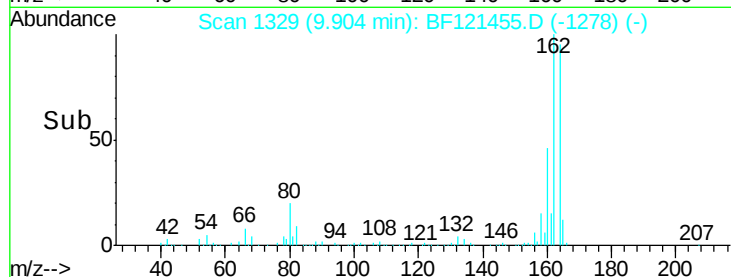
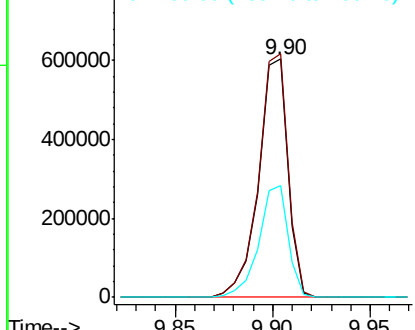
164 100

162 102.1 82.4 123.6

160 46.7 37.6 56.4



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: 37.848 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Tgt Ion:216 Resp: 707660

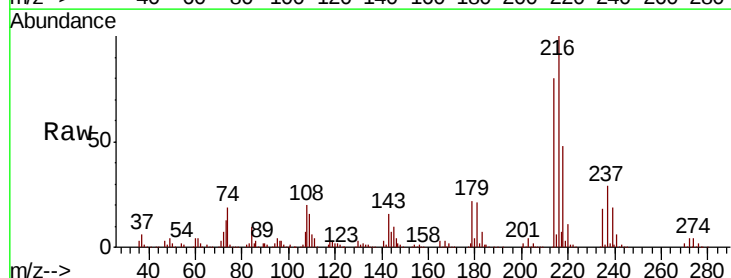
Ion Ratio Lower Upper

216 100

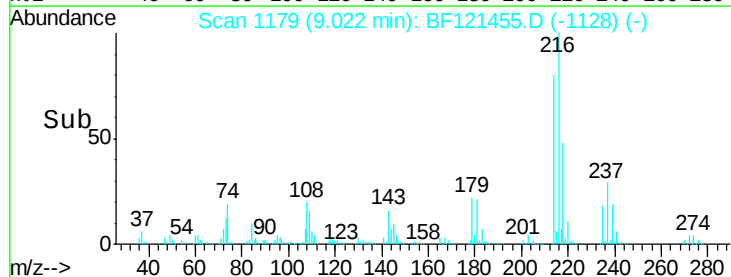
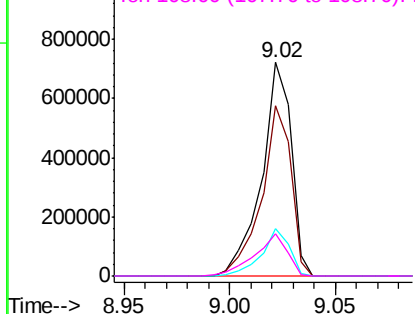
214 79.2 64.2 96.4

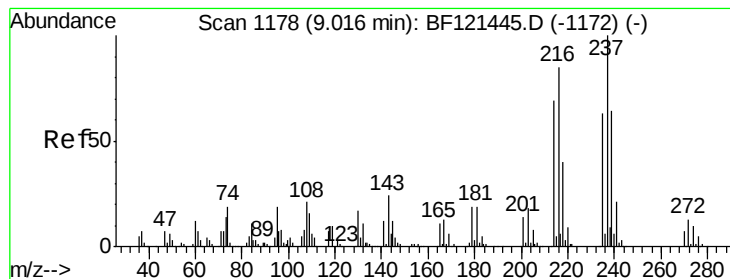
179 21.0 17.0 25.4

108 21.5 15.3 22.9



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: 106.560 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

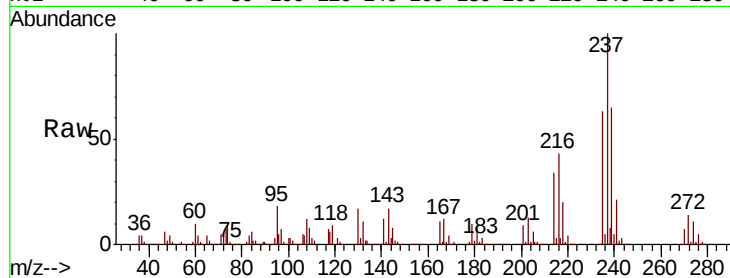
Tot Ion:237 Resp: 837856

Ion Ratio Lower Upper

237 100

235 63.0 42.9 82.9

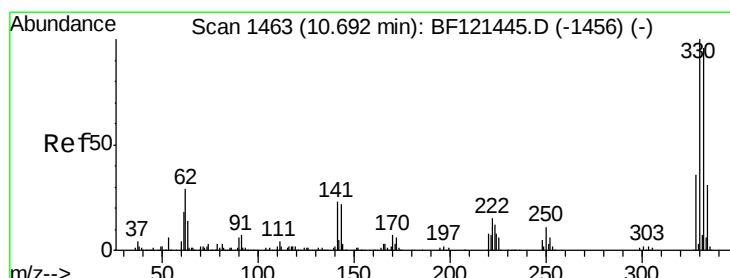
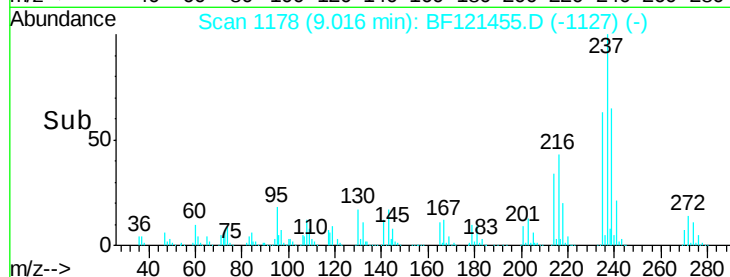
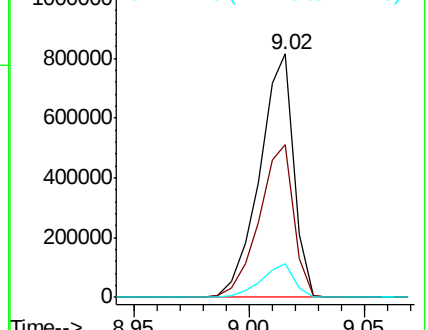
272 13.7 0.0 33.1



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: 116.872 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

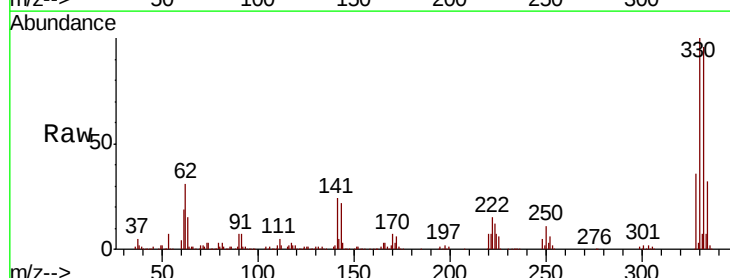
Tgt Ion:330 Resp: 744582

Ion Ratio Lower Upper

330 100

332 95.5 76.2 114.2

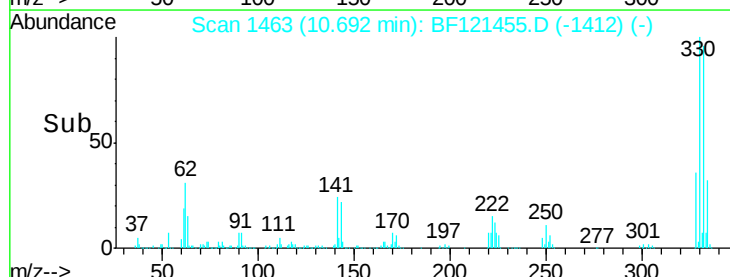
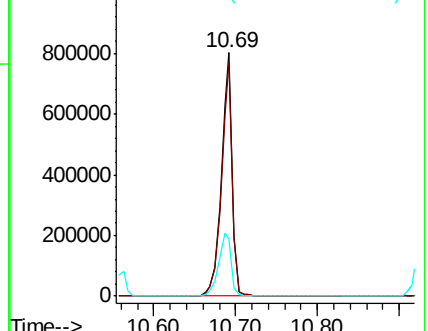
141 30.0 24.6 36.8

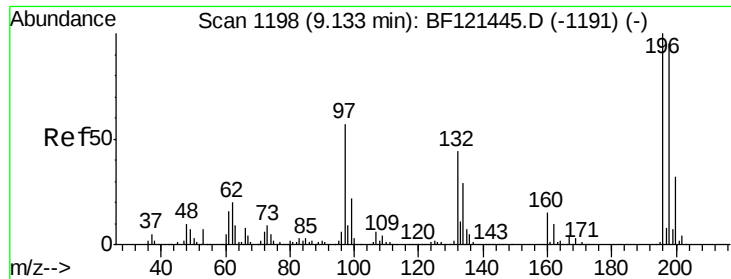


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

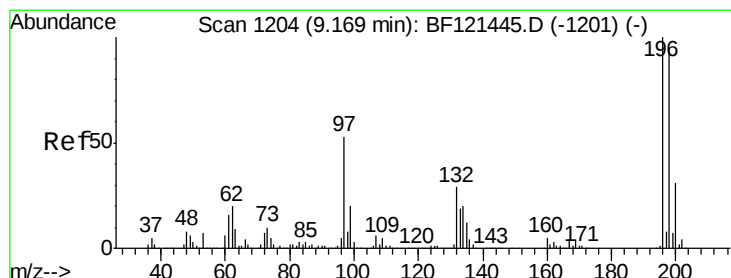
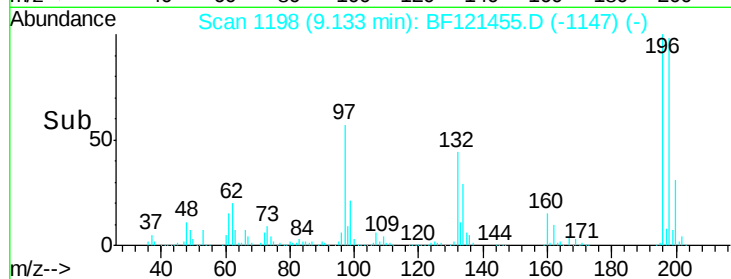
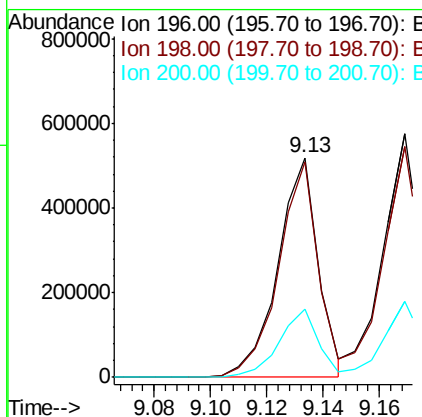
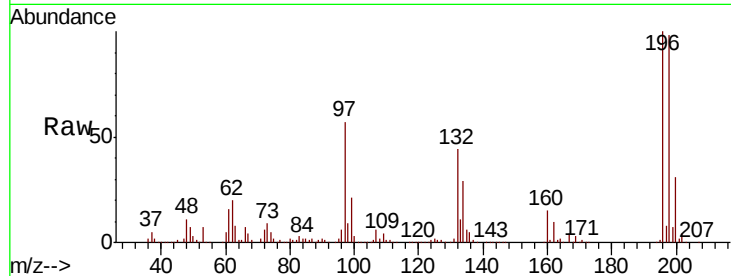




#43
 2,4,6-Trichlorophenol
 Concen: 43.398 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

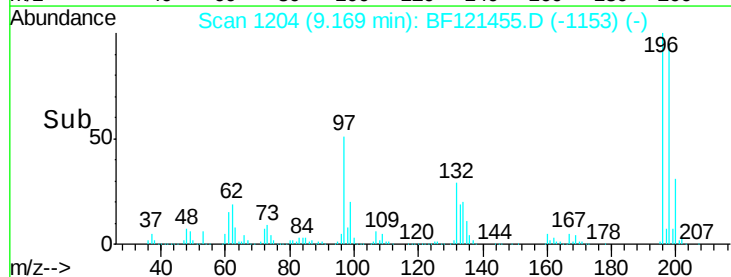
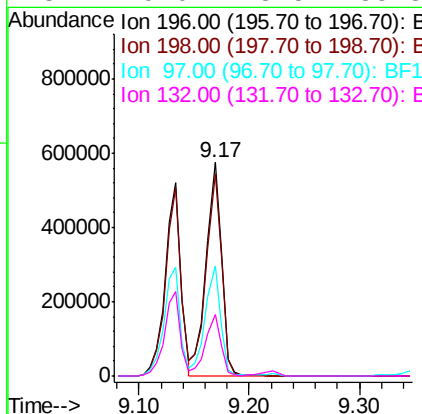
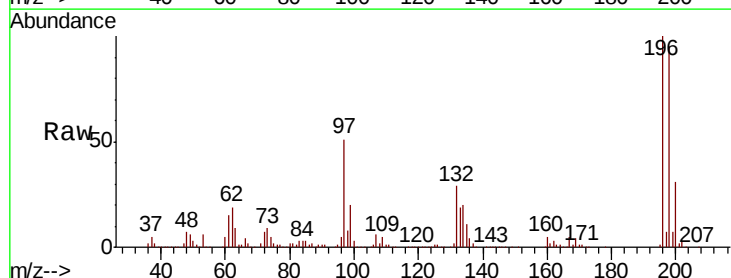
Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

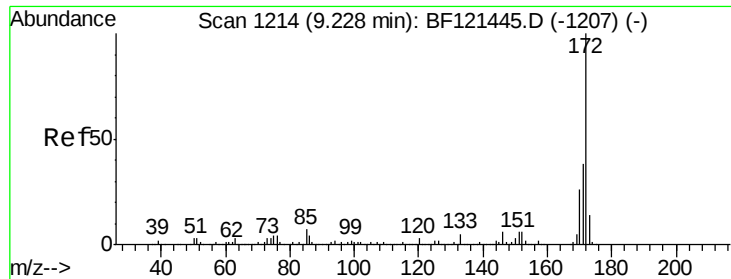
Tot Ion:196 Resp: 512871
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.8 113.6
 200 31.2 25.3 37.9



#44
 2,4,5-Trichlorophenol
 Concen: 46.428 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion:196 Resp: 542558
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.2 114.2
 97 51.5 42.6 64.0
 132 29.0 23.5 35.3

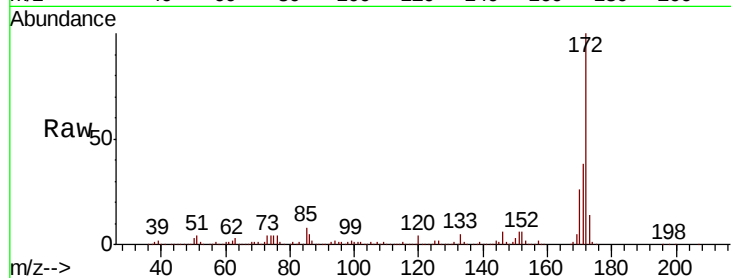




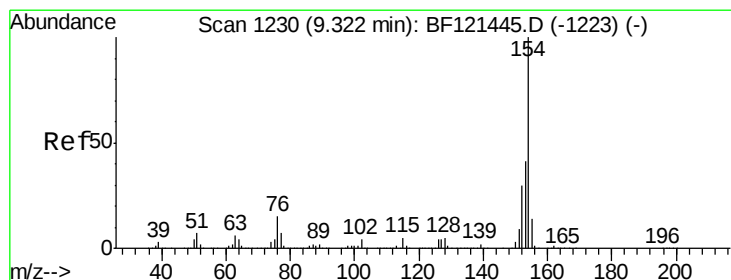
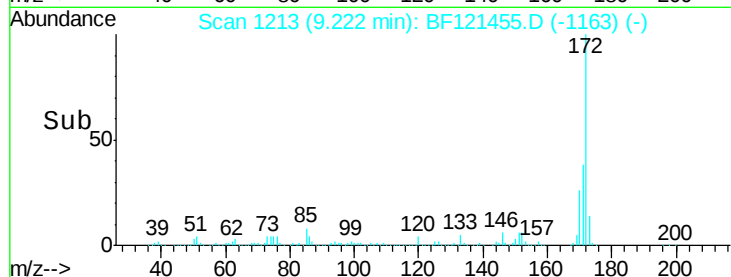
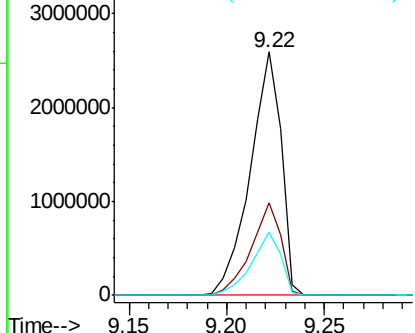
#45
 2-Fluorobiphenyl
 Concen: 72.925 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

Tot Ion:172 Resp: 2850763
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.6 45.8
 170 26.0 20.6 31.0

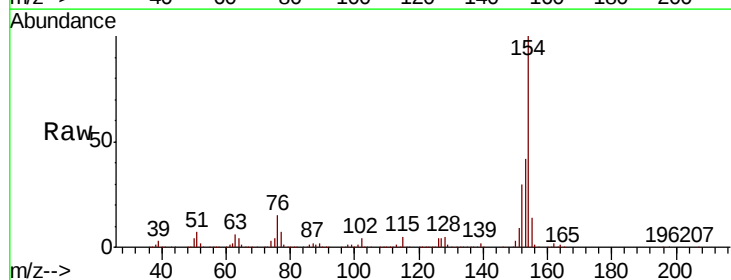


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

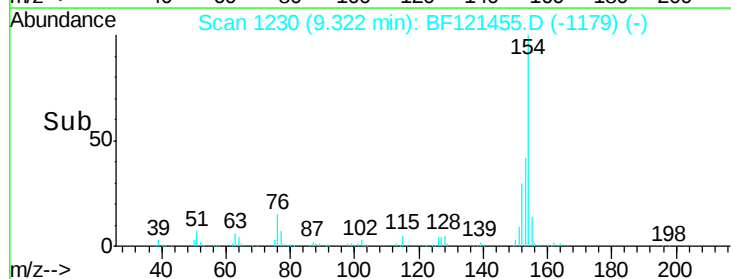
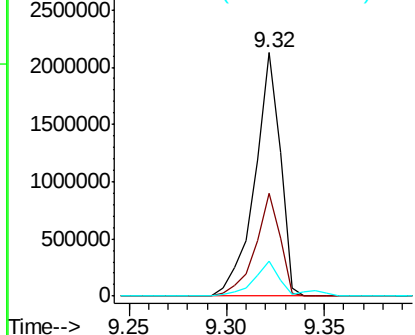


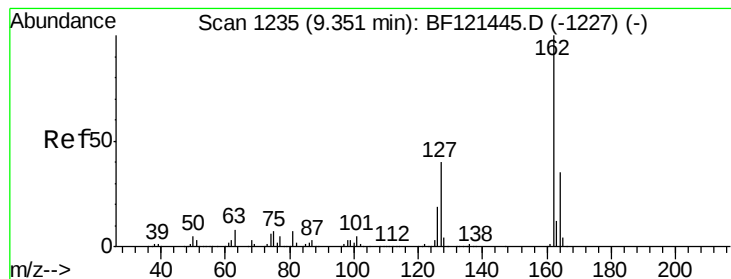
#46
 1,1'-Biphenyl
 Concen: 40.420 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion:154 Resp: 1923845
 Ion Ratio Lower Upper
 154 100
 153 42.0 21.2 61.2
 76 14.6 0.0 35.2



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: 37.402 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

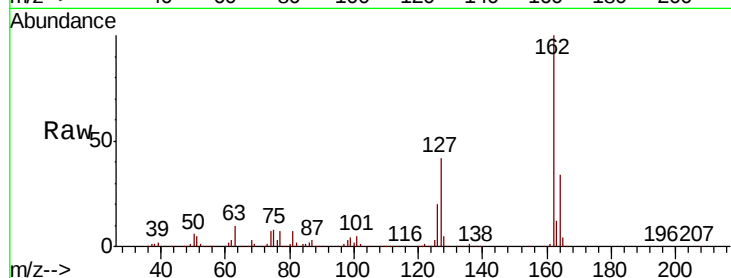
Tot Ion:162 Resp: 1463257

Ion Ratio Lower Upper

162 100

127 41.8 32.6 48.8

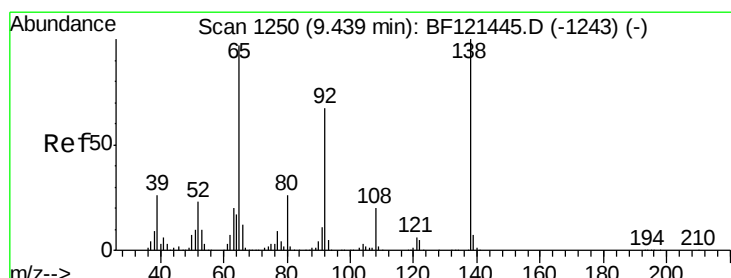
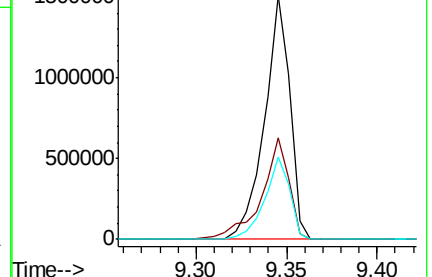
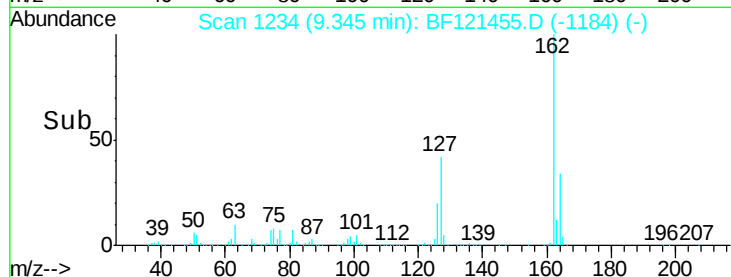
164 33.9 27.8 41.6



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: 43.236 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

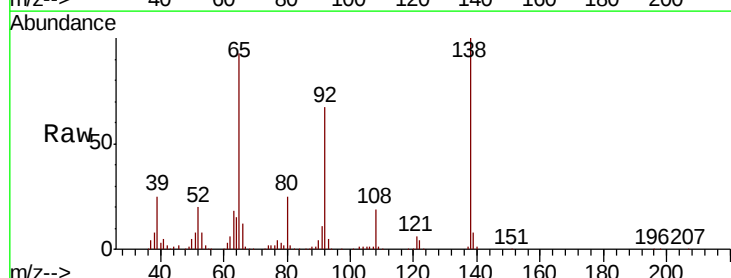
Tgt Ion: 65 Resp: 466355

Ion Ratio Lower Upper

65 100

92 71.9 55.6 83.4

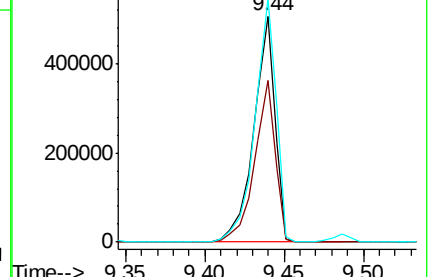
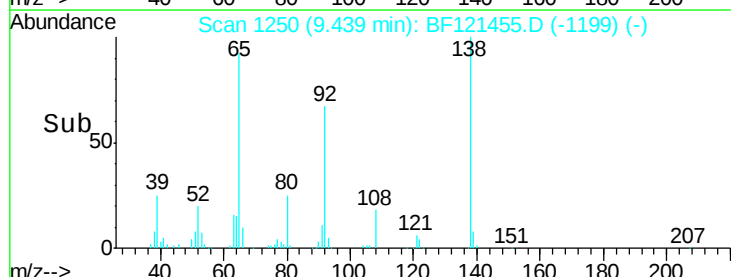
138 107.8 82.9 124.3

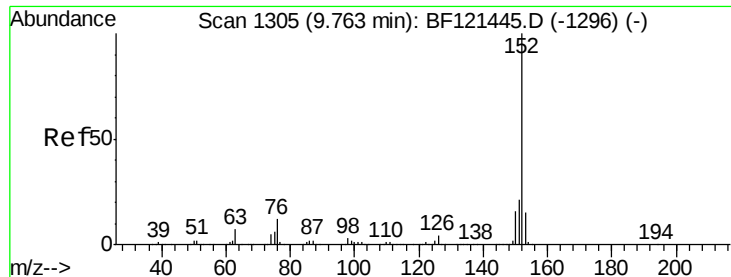


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.662 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

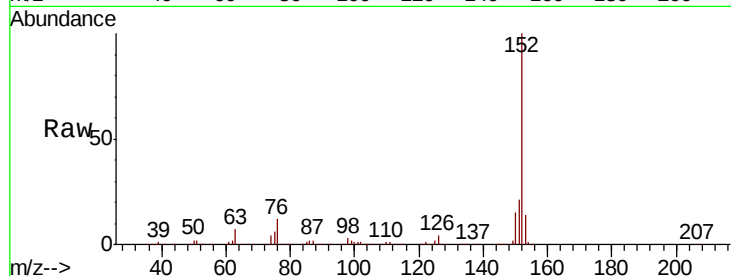
Tot Ion:152 Resp: 2386124

Ion Ratio Lower Upper

152 100

151 21.4 17.2 25.8

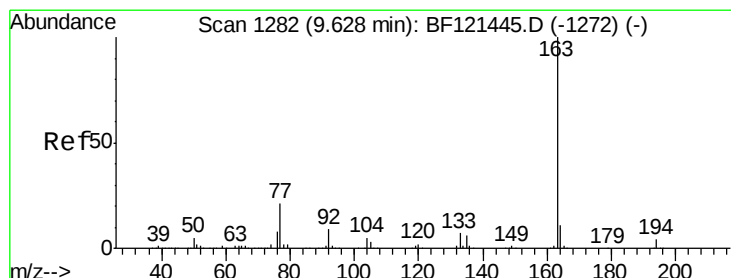
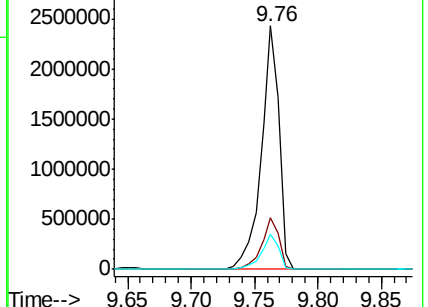
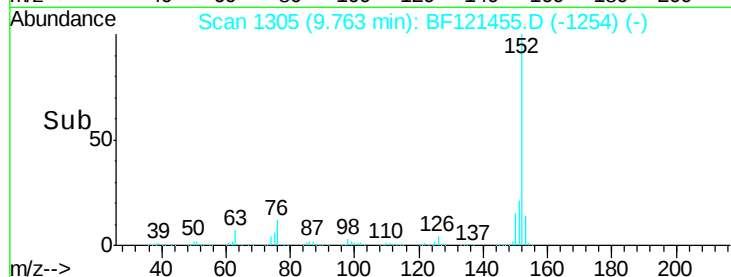
153 14.1 11.6 17.4



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: 40.158 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

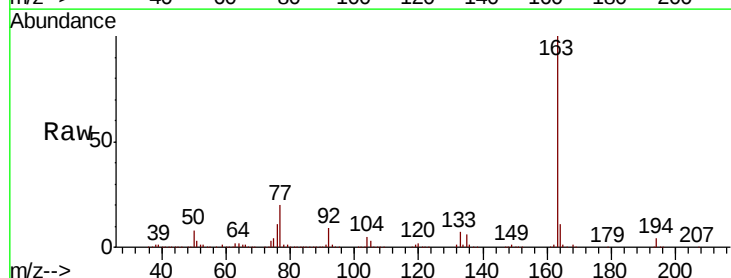
Tgt Ion:163 Resp: 1739921

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

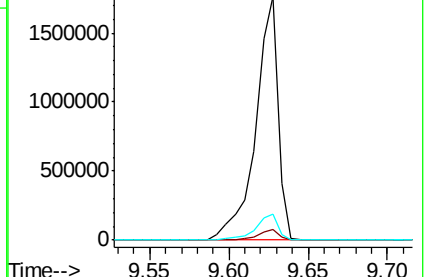
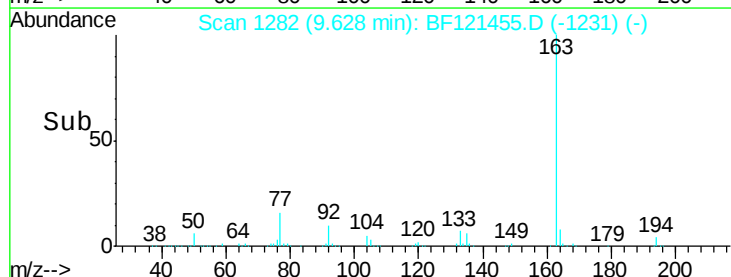
164 10.5 8.6 12.8

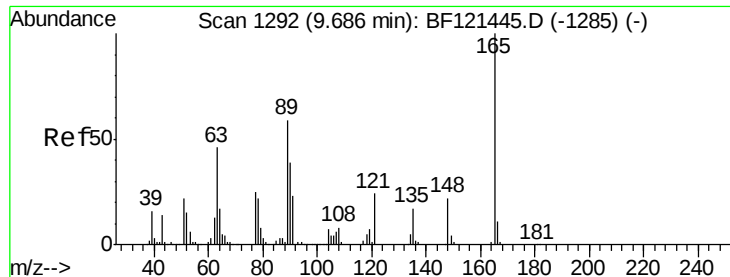


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

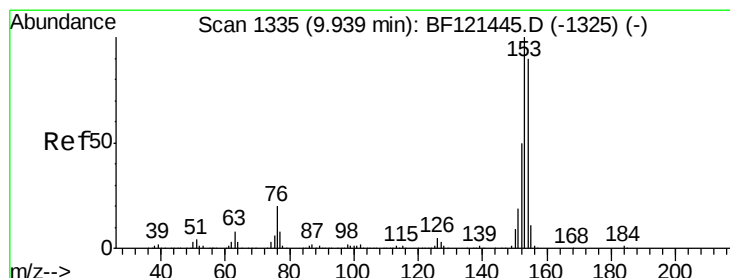
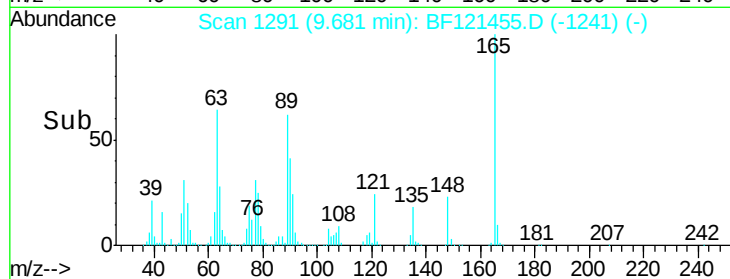
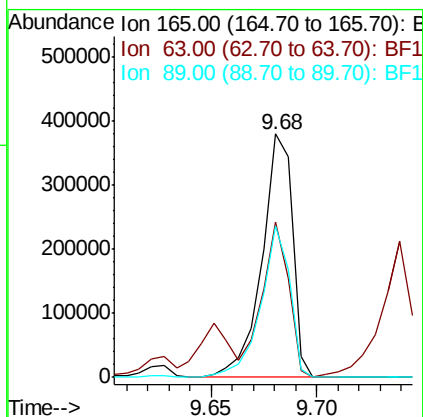
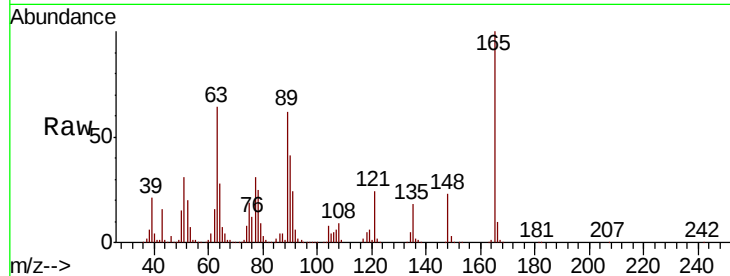




#51
 2,6-Dinitrotoluene
 Concen: 47.227 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

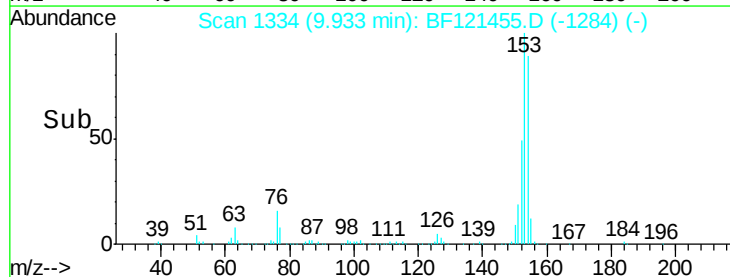
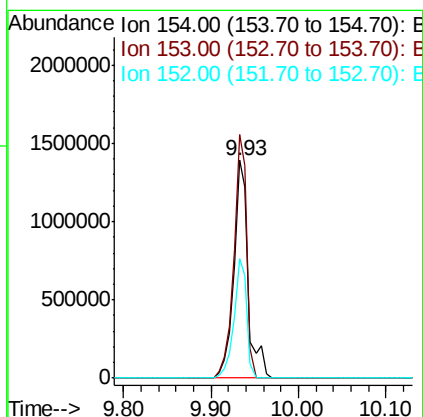
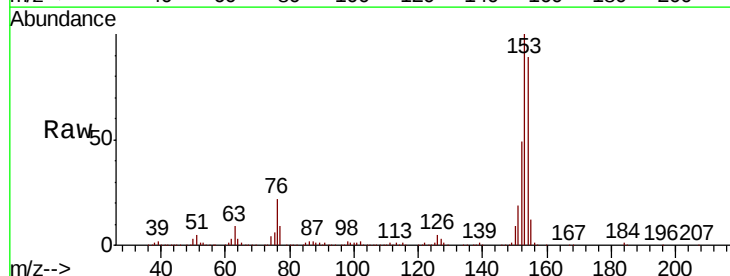
Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

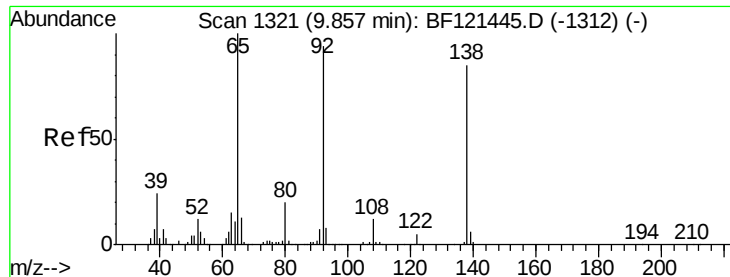
Tot Ion:165 Resp: 382526
 Ion Ratio Lower Upper
 165 100
 63 63.7 43.6 65.4
 89 62.4 47.4 71.2



#52
 Acenaphthene
 Concen: 42.270 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion:154 Resp: 1566285
 Ion Ratio Lower Upper
 154 100
 153 111.9 88.9 133.3
 152 54.8 44.1 66.1

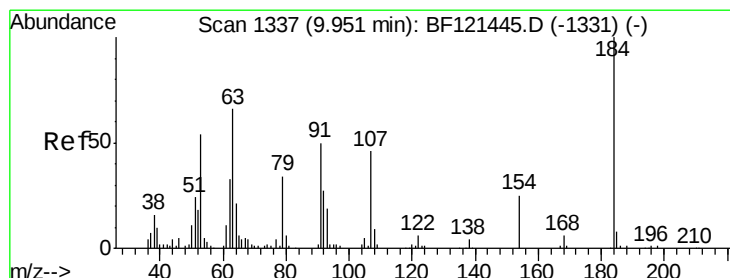
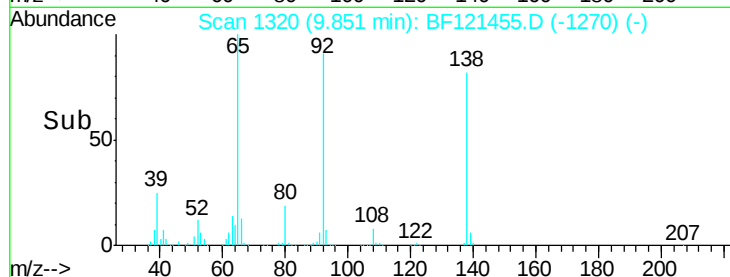
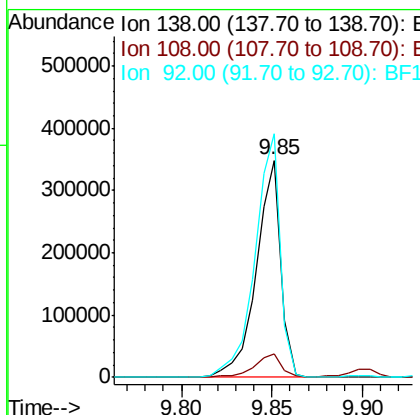
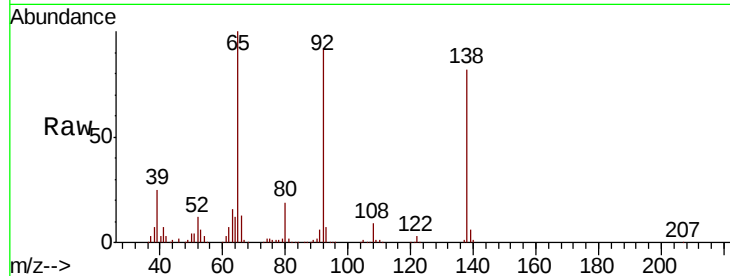




#53
3-Nitroaniline
Concen: 33.418 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

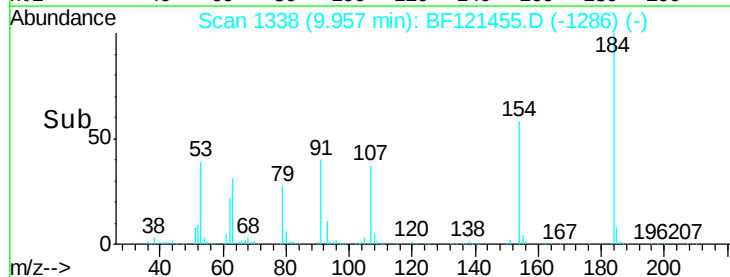
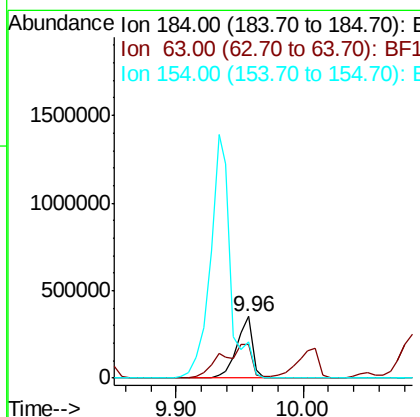
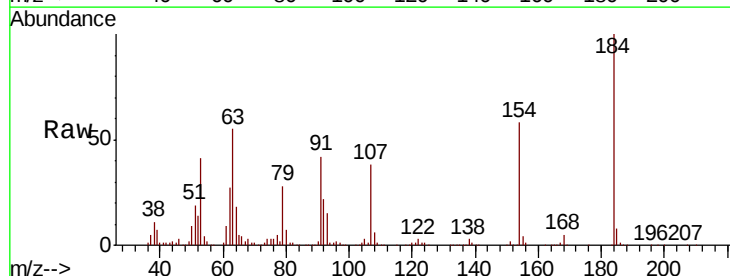
Instrument :
BNA_F
ClientSampleId :
PB131187BSD

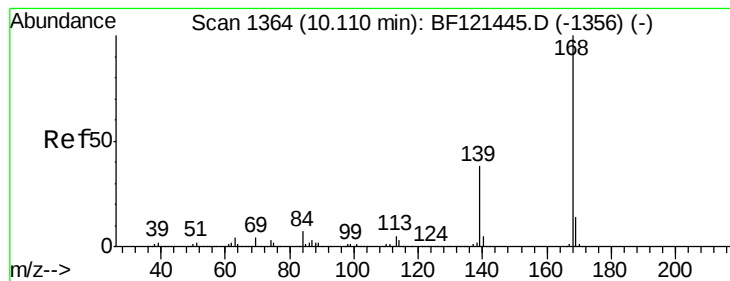
Tot Ion:138 Resp: 326404
Ion Ratio Lower Upper
138 100
108 10.6 11.6 17.4#
92 112.3 88.6 132.8



#54
2,4-Dinitrophenol
Concen: 79.799 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion:184 Resp: 299907
Ion Ratio Lower Upper
184 100
63 55.2 56.8 85.2#
154 58.0 55.9 83.9





#55

Dibenzofuran

Concen: 39.858 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

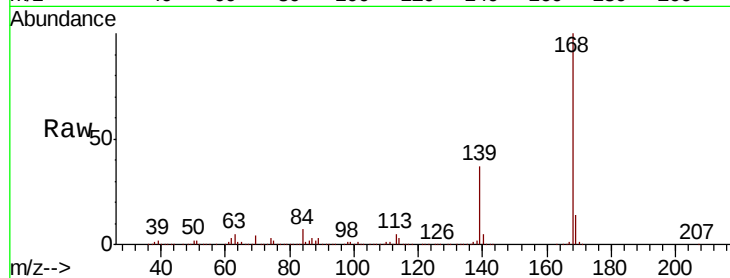
Tot Ion:168 Resp: 2145354

Ion Ratio Lower Upper

168 100

139 37.0 30.1 45.1

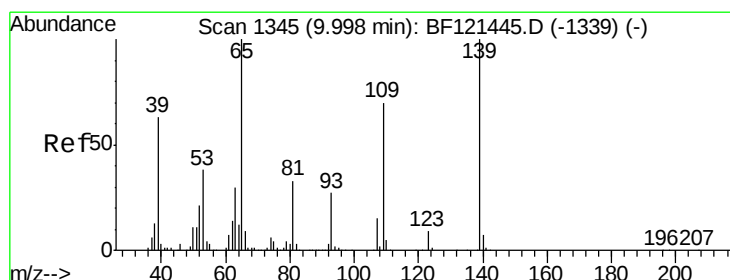
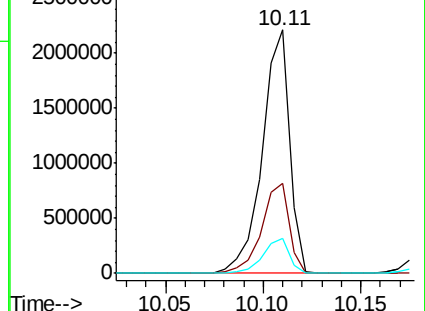
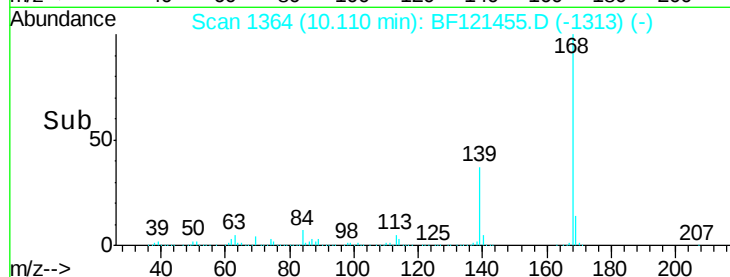
169 14.2 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 81.935 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

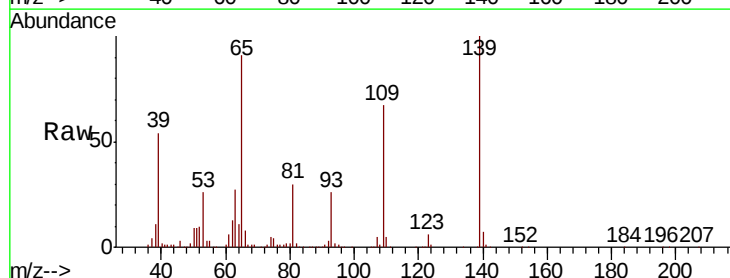
Tgt Ion:139 Resp: 687192

Ion Ratio Lower Upper

139 100

109 66.9 50.5 90.5

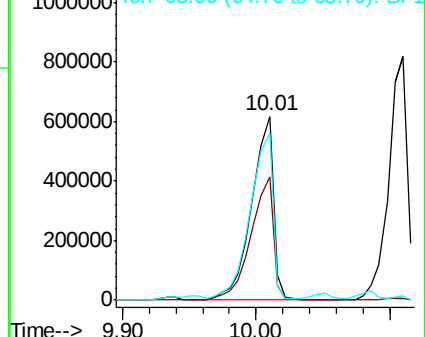
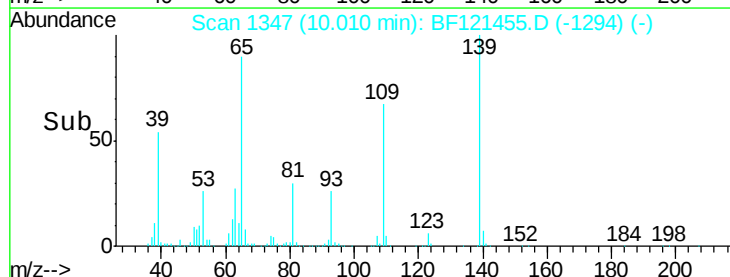
65 90.6 80.2 120.2

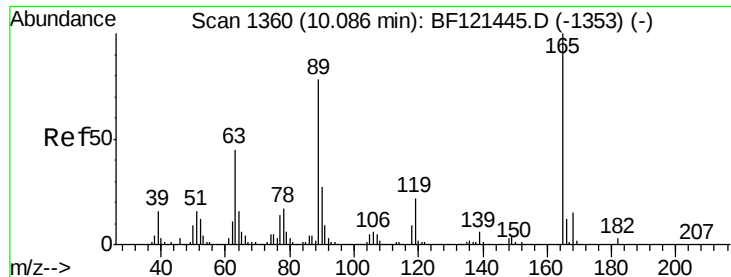


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

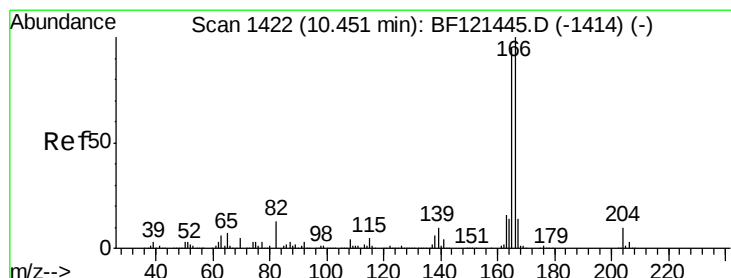
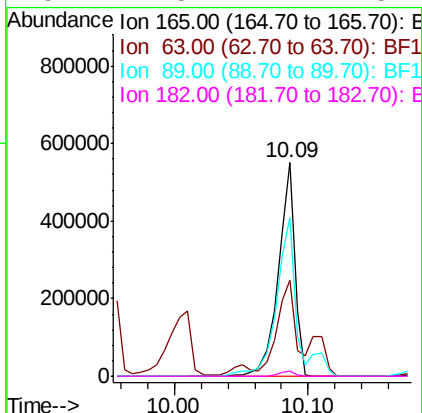
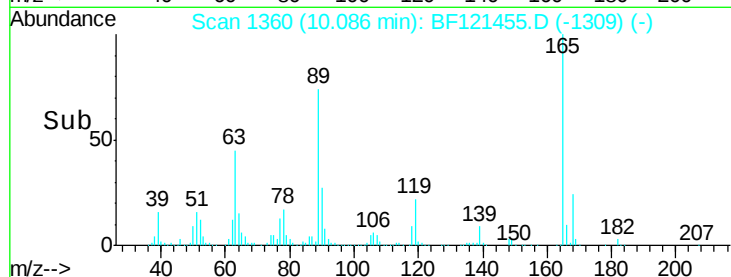
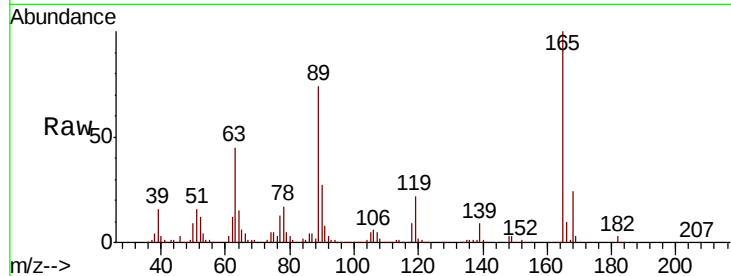




#57
 2,4-Dinitrotoluene
 Concen: 48.168 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

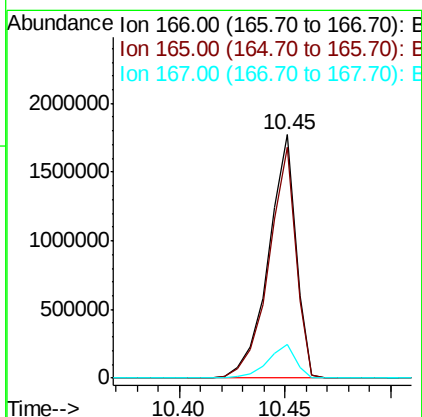
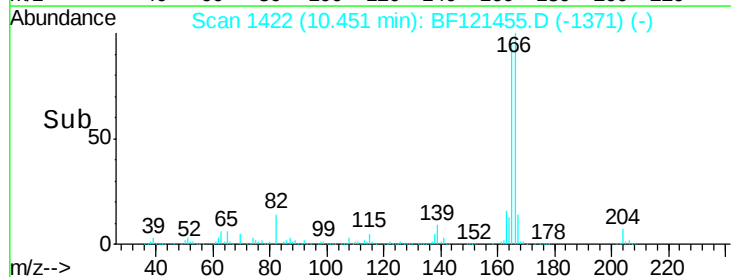
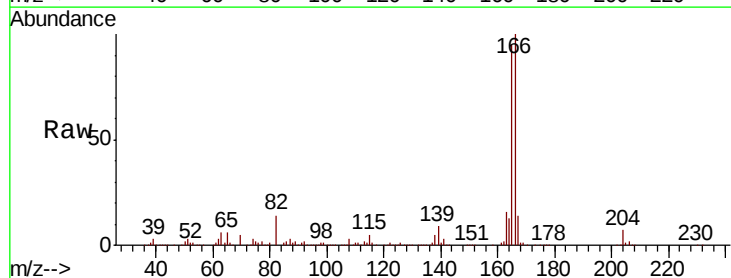
Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

Tot Ion:	165	Resp:	481796
Ion	Ratio	Lower	Upper
165	100		
63	44.9	36.0	54.0
89	74.5	62.6	93.8
182	2.5	2.2	3.2



#58
 Fluorene
 Concen: 39.487 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion:	166	Resp:	1602227
Ion	Ratio	Lower	Upper
166	100		
165	94.9	75.7	113.5
167	13.8	11.1	16.7

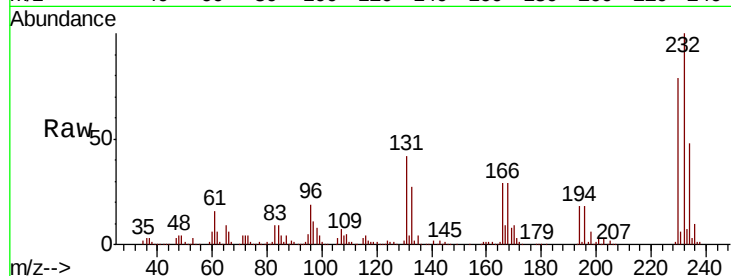




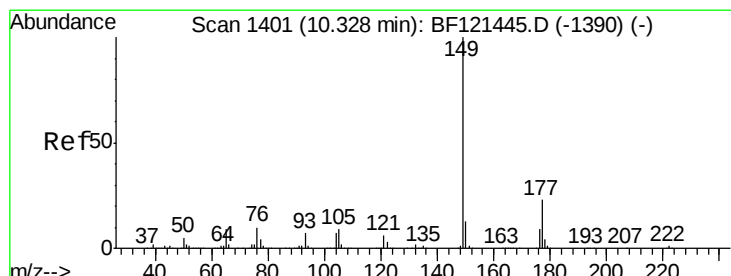
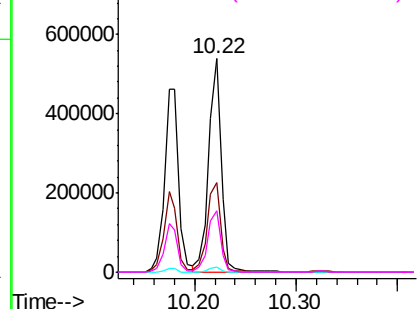
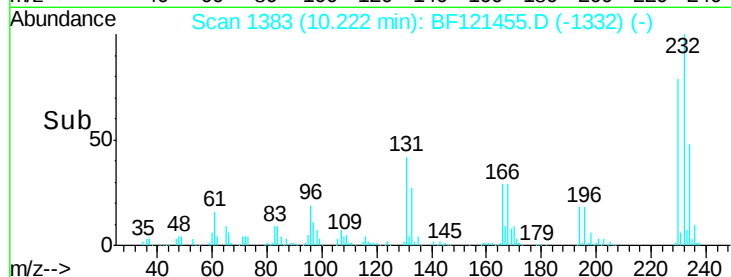
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.064 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

Tot Ion:232	Resp:	467635
Ion Ratio	Lower	Upper
232	100	
131	45.5	35.7 53.5
130	2.2	1.8 2.6
166	29.7	24.1 36.1

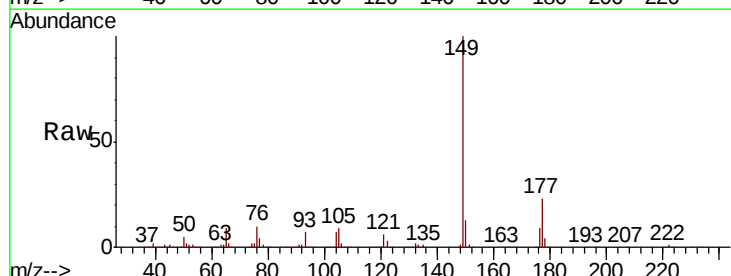


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

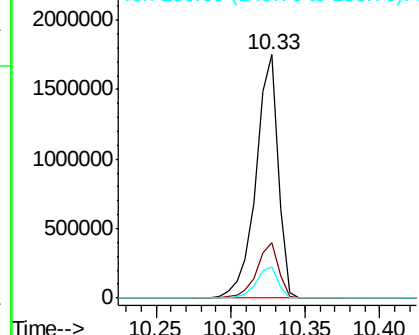
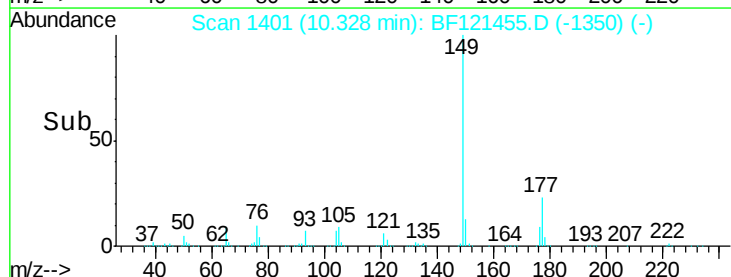


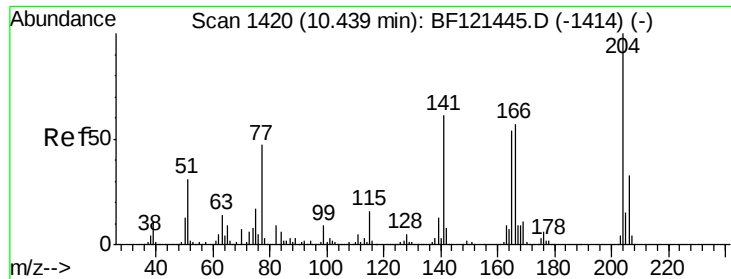
#60
 Diethylphthalate
 Concen: 41.085 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion:149	Resp:	1788426
Ion Ratio	Lower	Upper
149	100	
177	23.0	18.3 27.5
150	13.0	10.4 15.6



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

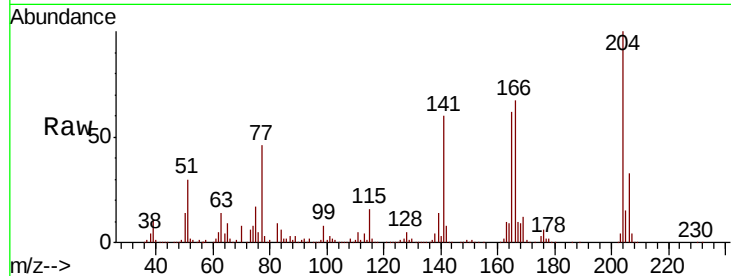




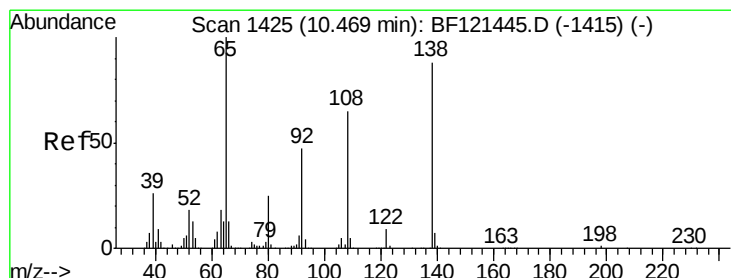
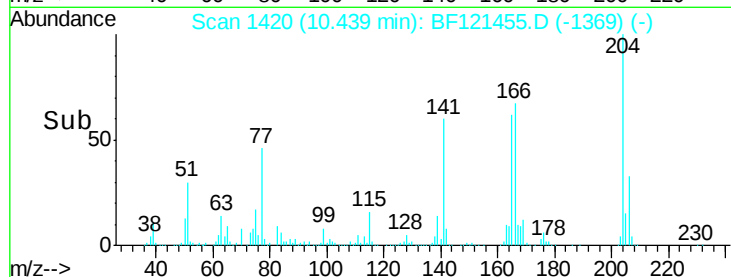
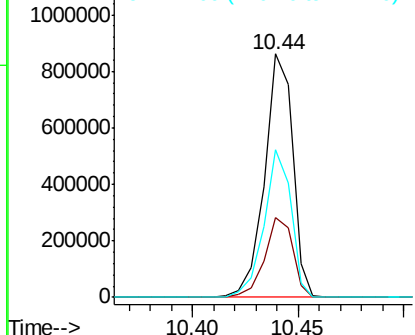
#61
4-Chlorophenyl-phenylether
Concen: 39.354 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB131187BSD

Tot Ion:204 Resp: 800059
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 60.5 48.7 73.1

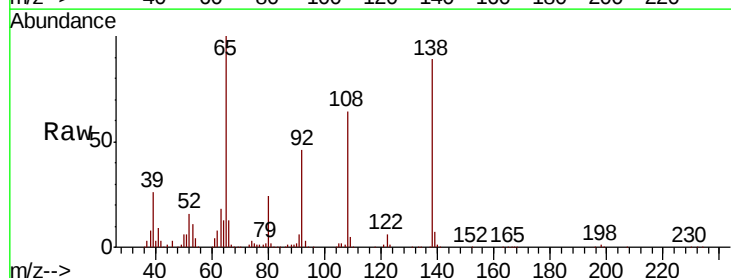


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

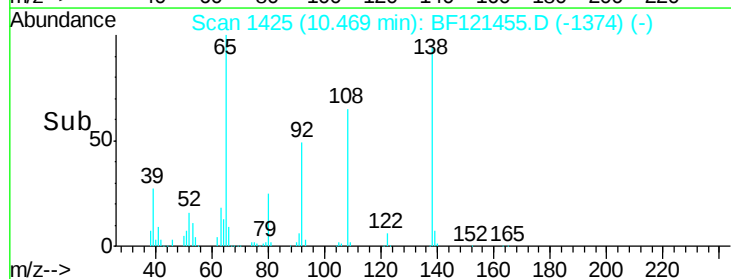
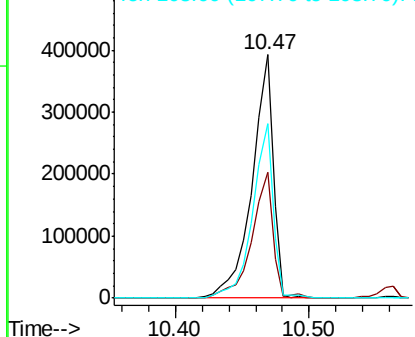


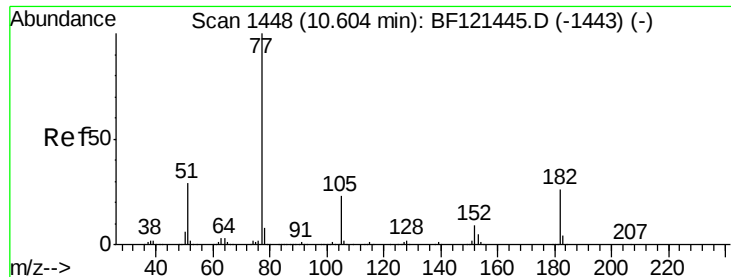
#62
4-Nitroaniline
Concen: 40.955 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion:138 Resp: 425833
Ion Ratio Lower Upper
138 100
92 51.6 33.2 73.2
108 71.6 53.6 93.6



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

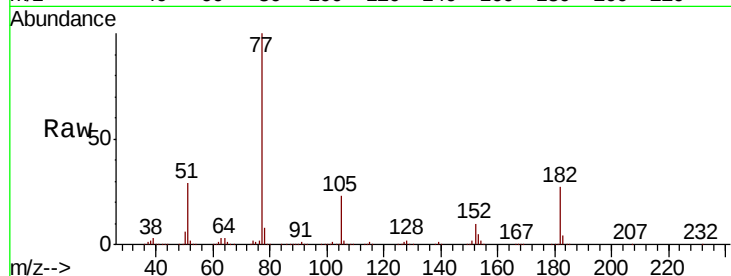




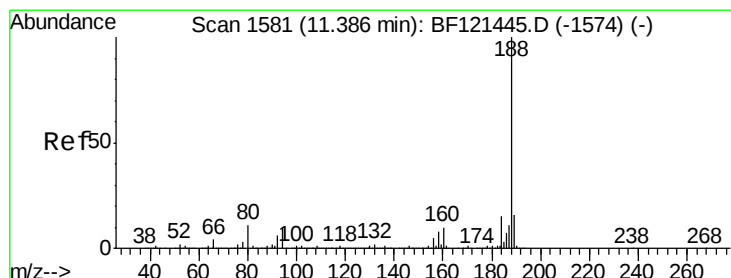
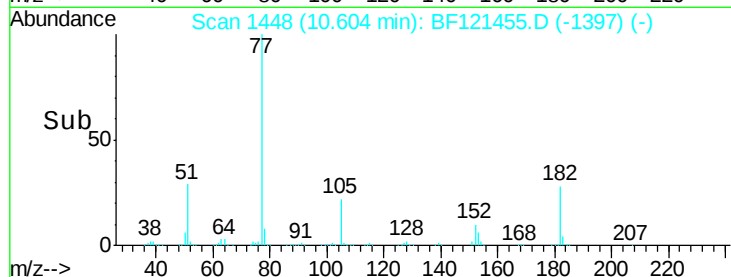
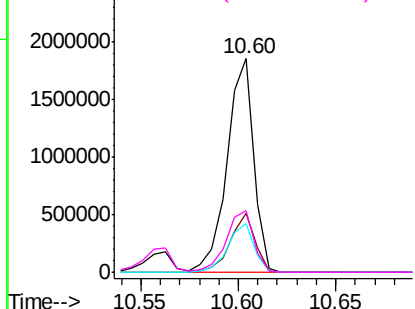
#63
Azobenzene
Concen: 40.677 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Instrument :
BNA_F
ClientSampleId :
PB131187BSD

Tot Ion: 77 Resp: 1751032
Ion Ratio Lower Upper
77 100
182 27.4 6.2 46.2
105 22.9 3.3 43.3
51 29.0 9.5 49.5

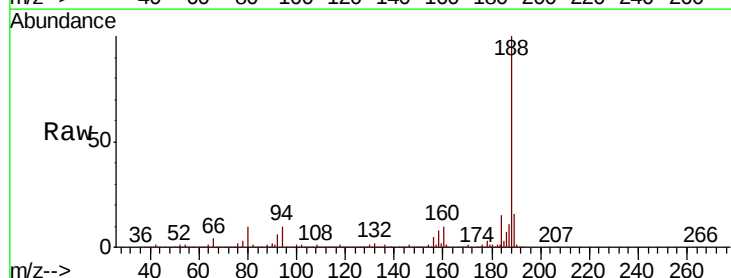


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

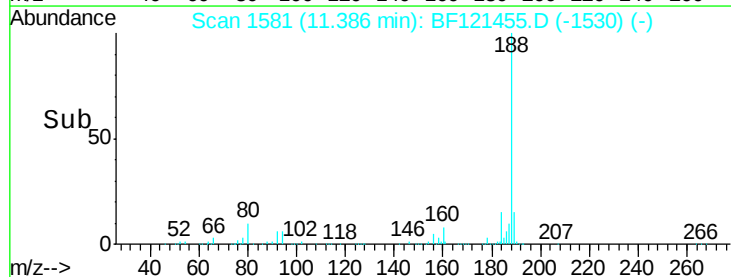
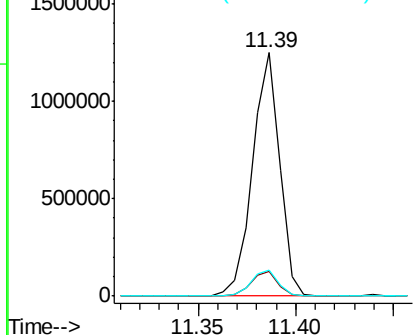


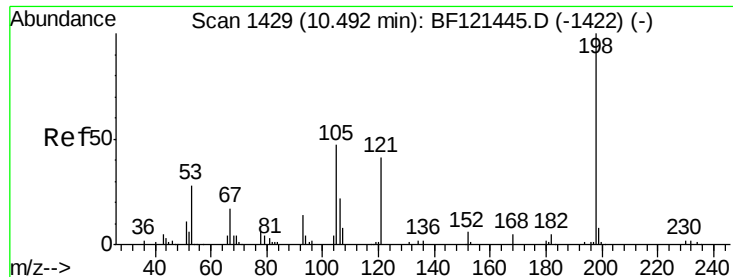
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion: 188 Resp: 1201233
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.5 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

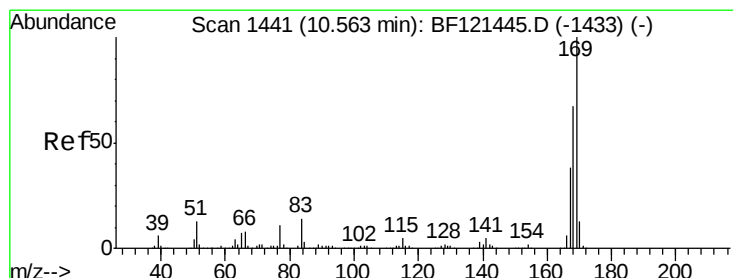
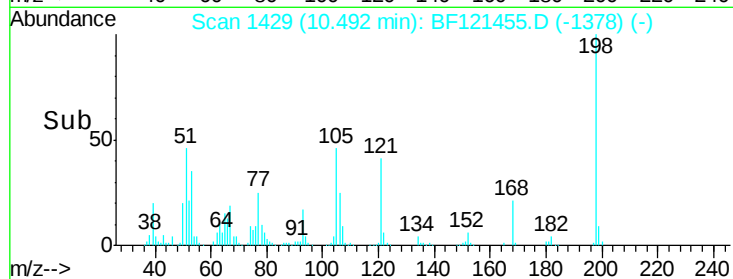
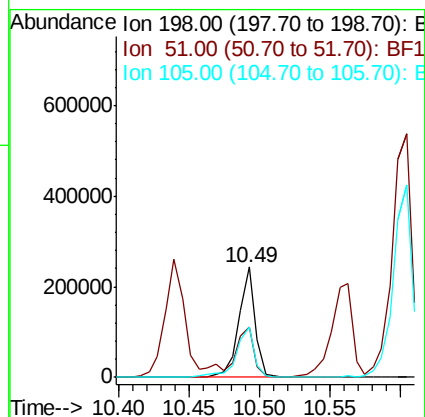
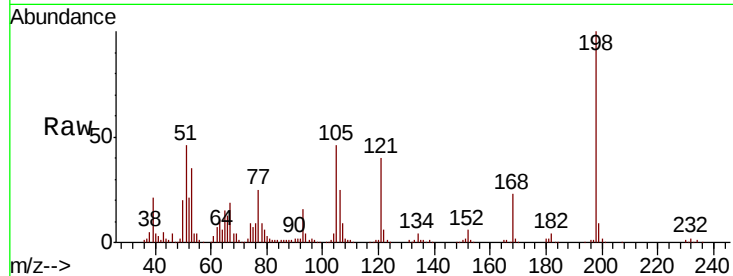




#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.016 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

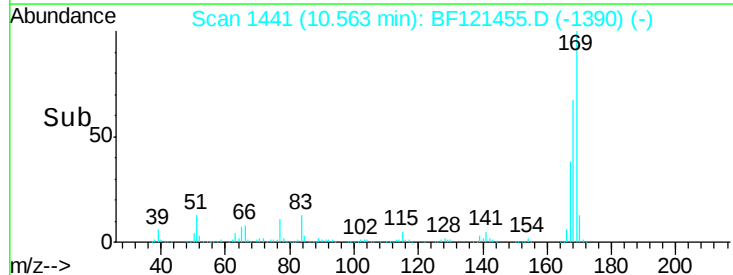
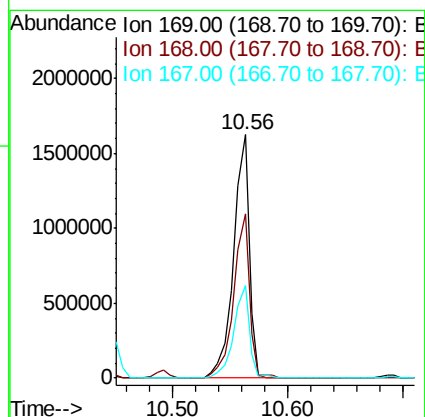
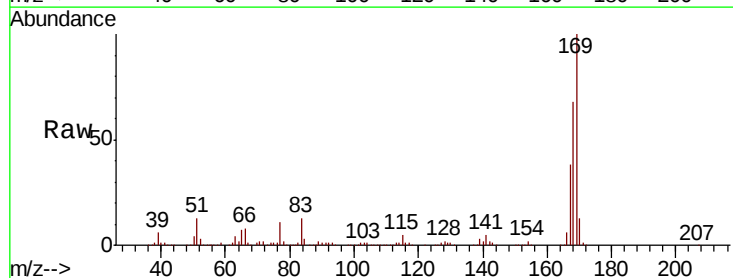
Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

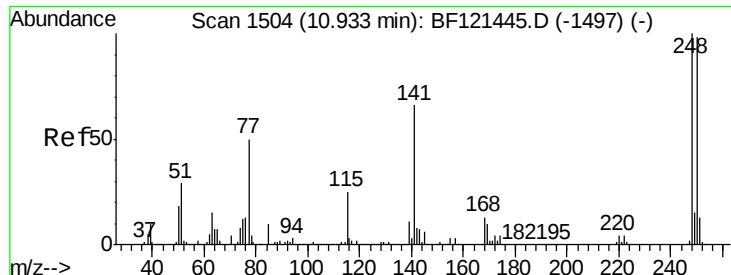
Tot Ion	Ratio	Lower	Upper
198	100		
51	45.9	29.0	69.0
105	46.2	29.1	69.1



#66
 n-Nitrosodiphenylamine
 Concen: 40.177 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.0	81.0
167	37.9	30.2	45.2

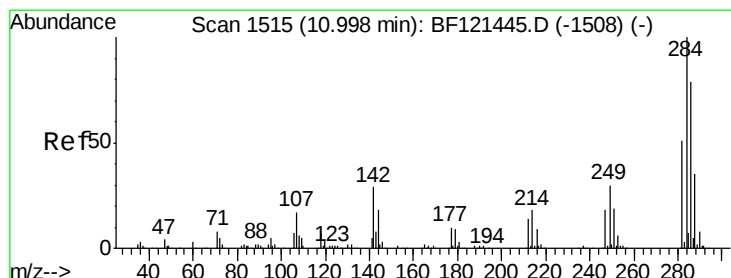
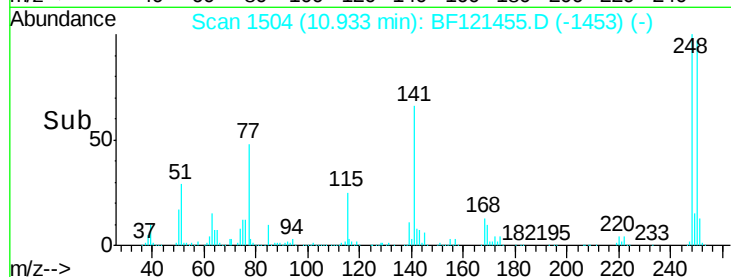
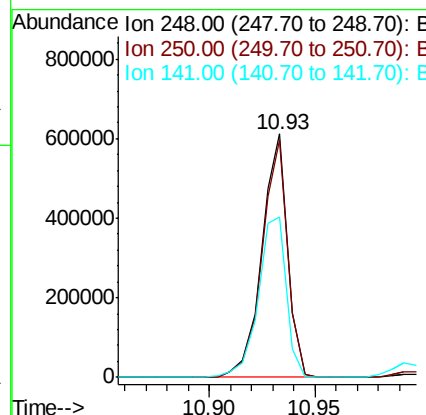
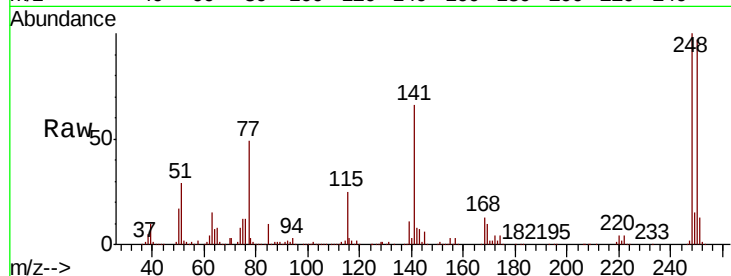




#67
 4-Bromophenyl-phenylether
 Concen: 39.264 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

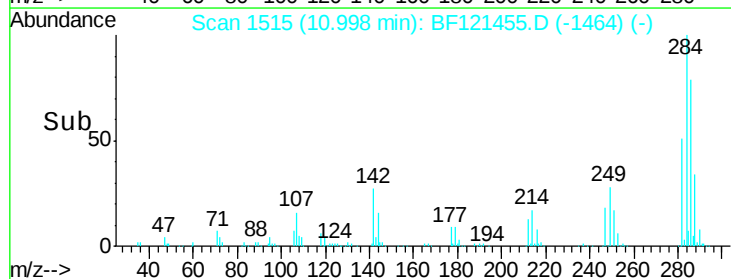
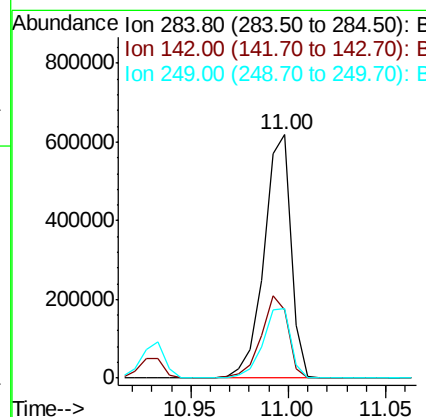
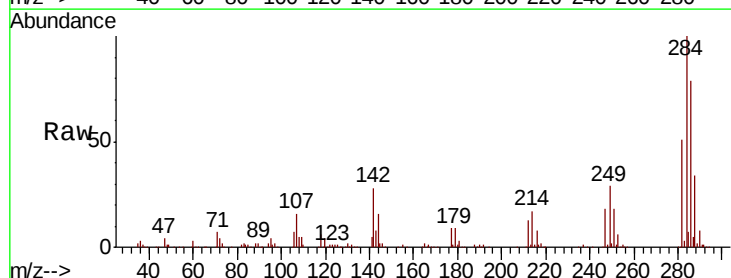
Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

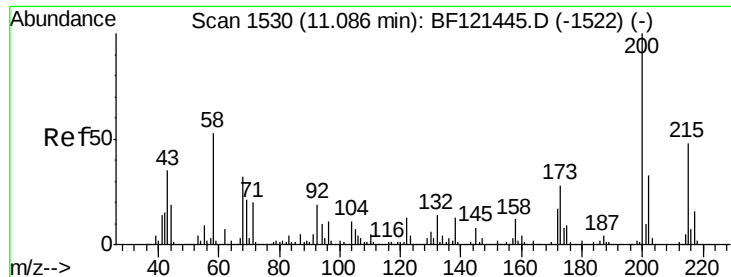
Tot Ion:248 Resp: 518860
 Ion Ratio Lower Upper
 248 100
 250 97.3 78.7 118.1
 141 66.0 52.6 78.8



#68
 Hexachlorobenzene
 Concen: 38.332 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion:284 Resp: 592336
 Ion Ratio Lower Upper
 284 100
 142 27.8 23.4 35.0
 249 28.7 23.8 35.6

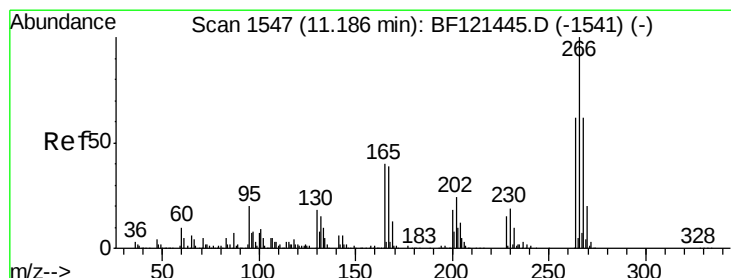
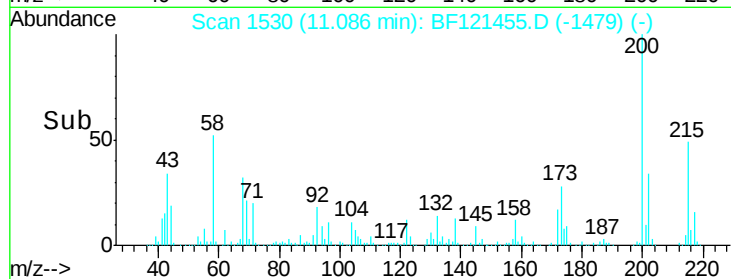
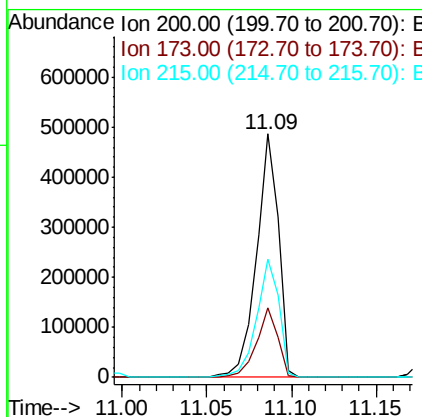
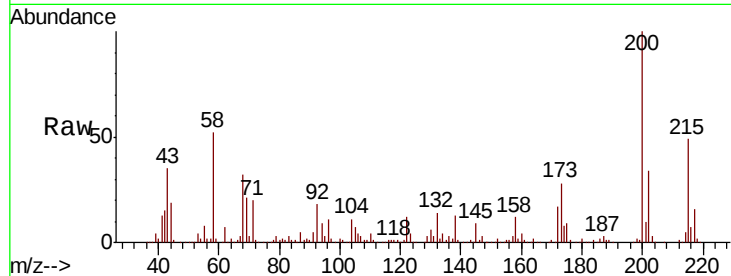




#69
 Atrazine
 Concen: 40.290 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

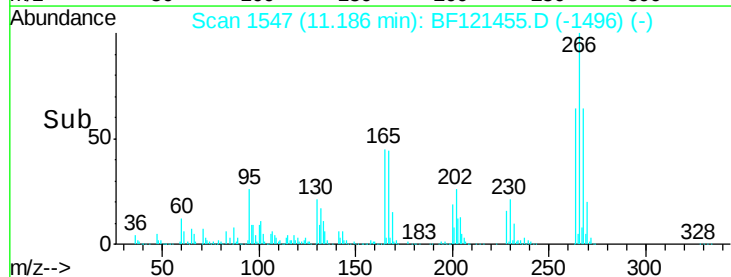
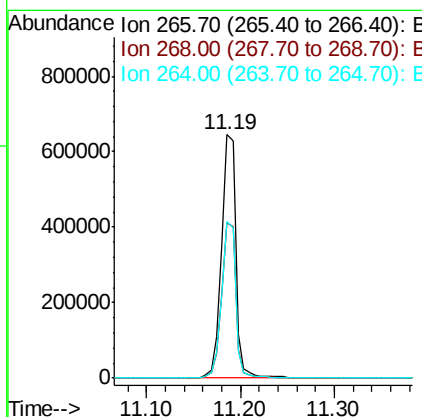
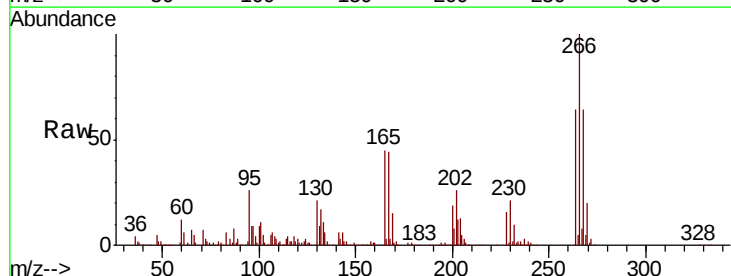
Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

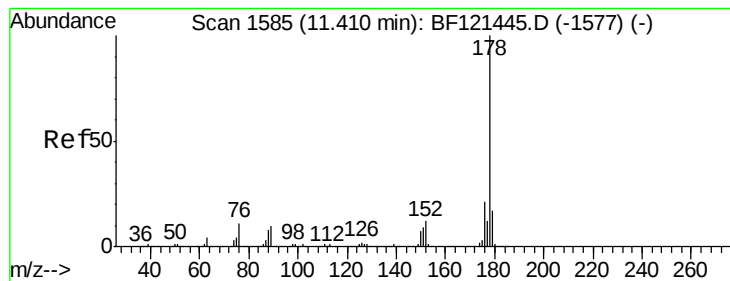
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	8.1	48.1
215	48.6	28.5	68.5



#70
 Pentachlorophenol
 Concen: 98.233 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	49.7	74.5
264	64.4	49.4	74.0





#71

Phenanthrene

Concen: 38.909 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

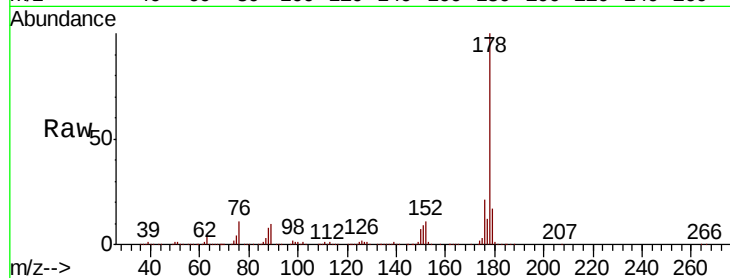
Tot Ion:178 Resp: 2398550

Ion Ratio Lower Upper

178 100

176 21.1 16.9 25.3

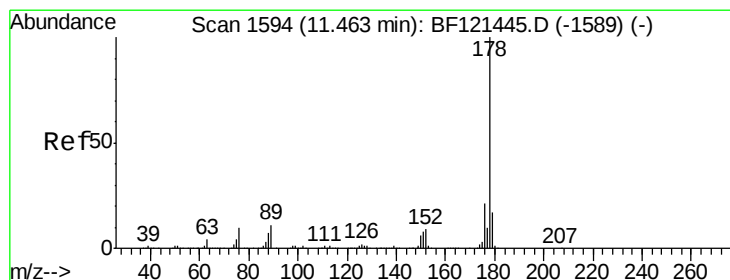
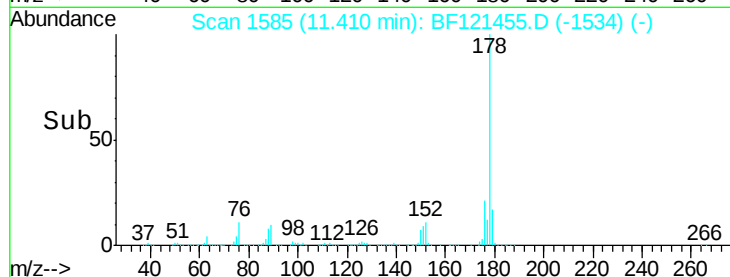
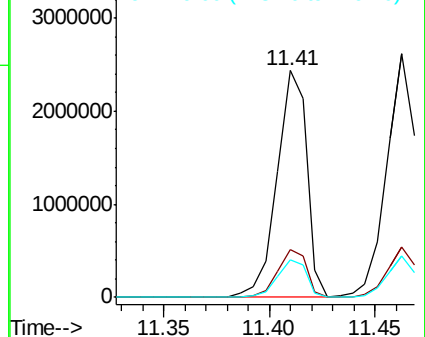
179 16.6 13.4 20.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.702 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

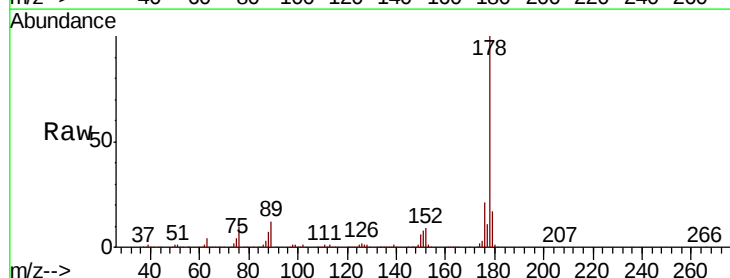
Tgt Ion:178 Resp: 2467783

Ion Ratio Lower Upper

178 100

176 20.9 16.7 25.1

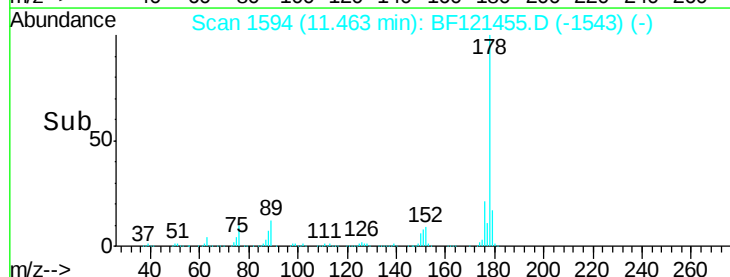
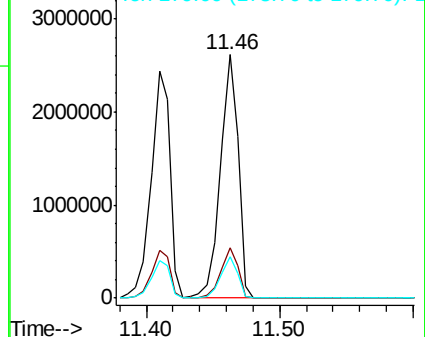
179 16.8 13.4 20.2

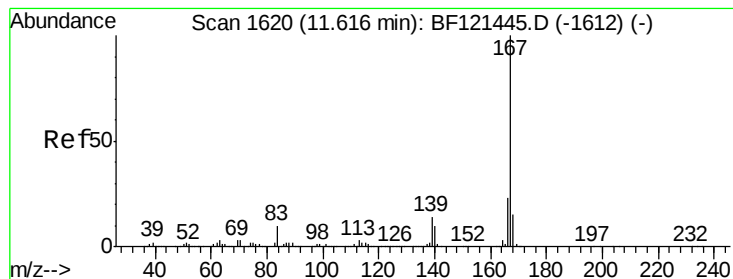


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.144 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

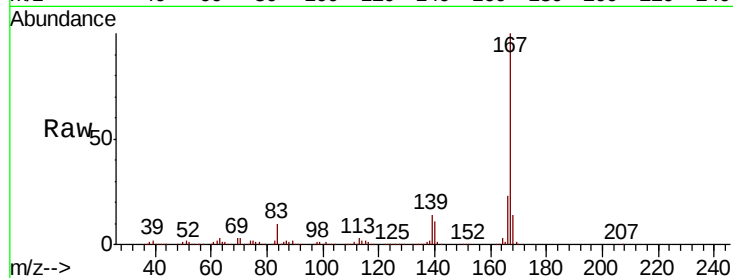
Tot Ion:167 Resp: 2288562

Ion Ratio Lower Upper

167 100

166 23.1 18.4 27.6

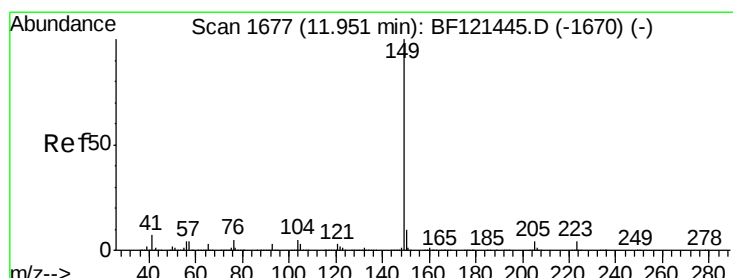
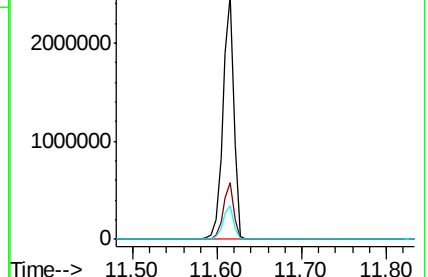
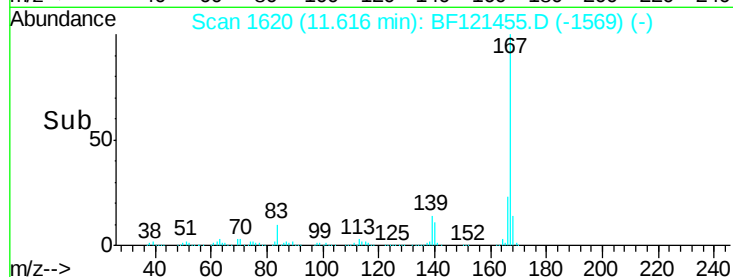
139 13.7 11.0 16.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.511 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

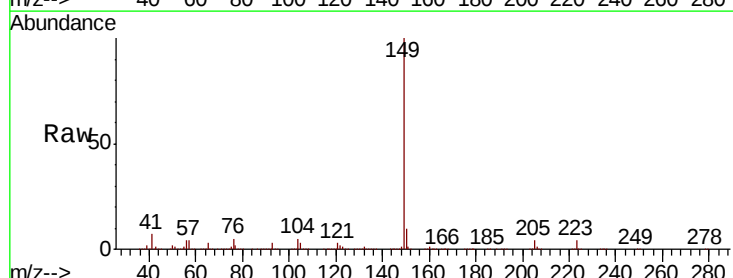
Tgt Ion:149 Resp: 2696150

Ion Ratio Lower Upper

149 100

150 10.2 8.2 12.2

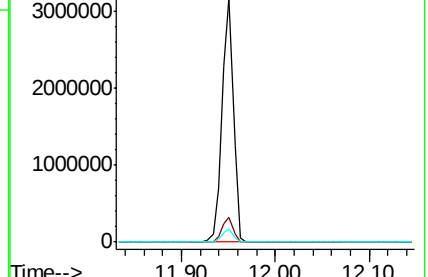
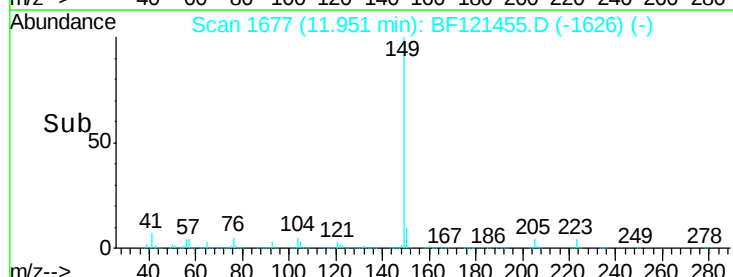
104 5.3 4.2 6.4

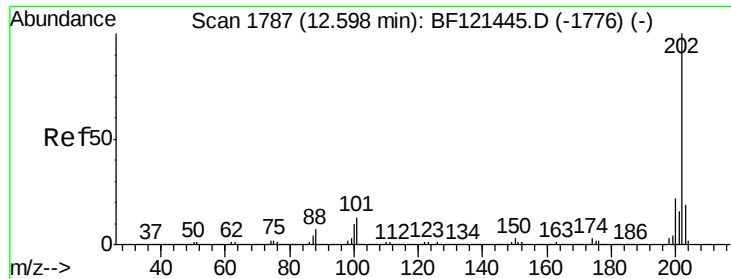


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

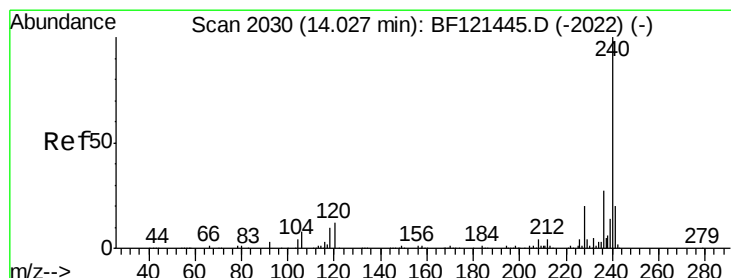
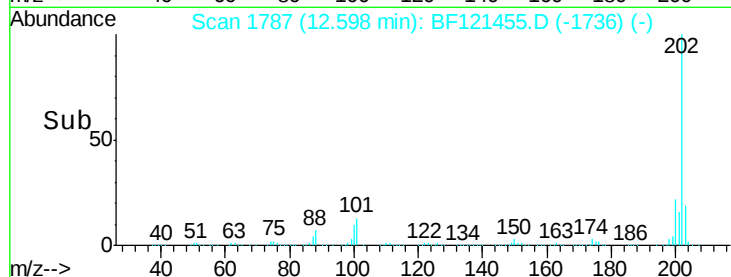
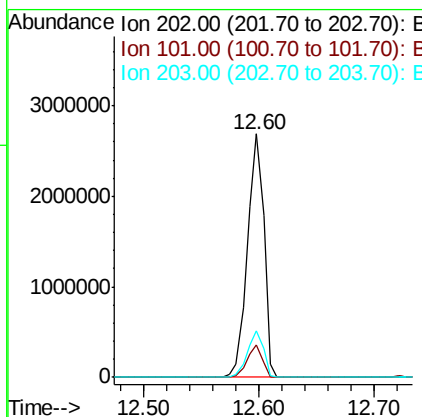
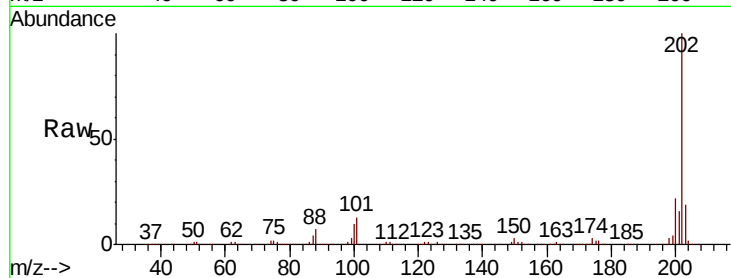




#75
 Fluoranthene
 Concen: 39.763 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

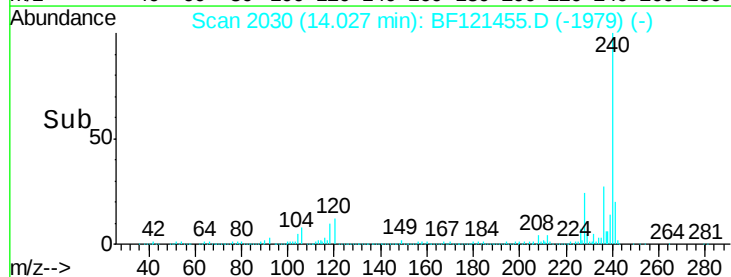
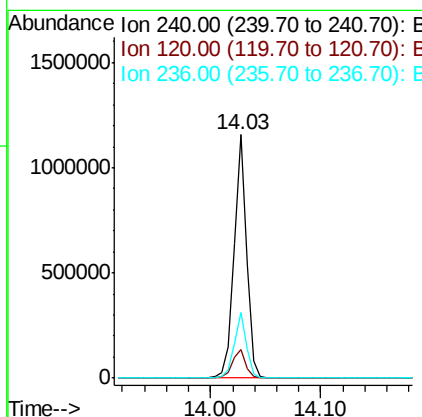
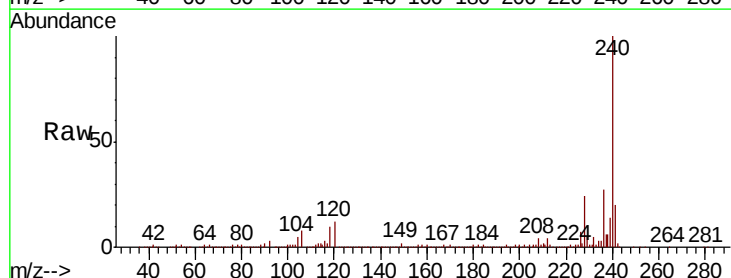
Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

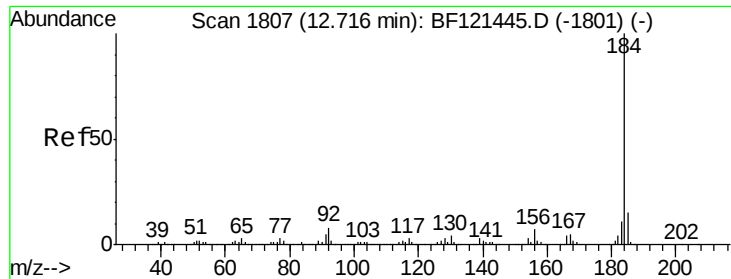
Tot Ion:202 Resp: 2641750
 Ion Ratio Lower Upper
 202 100
 101 13.3 0.0 33.3
 203 19.1 0.0 39.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion:240 Resp: 923217
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.5 14.3
 236 26.9 21.8 32.6





#77

Benzidine

Concen: 78.712 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

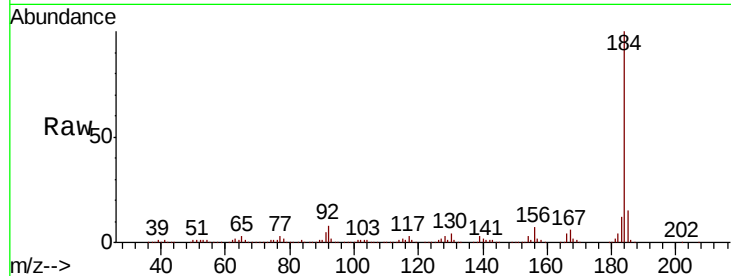
Tot Ion:184 Resp: 1584845

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.1	18.1
183	11.7	8.9	13.3

184 100

185 15.2 12.1 18.1

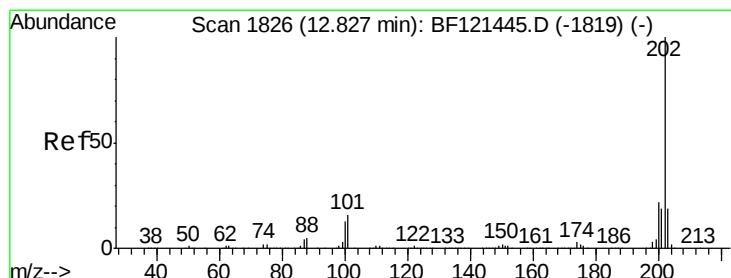
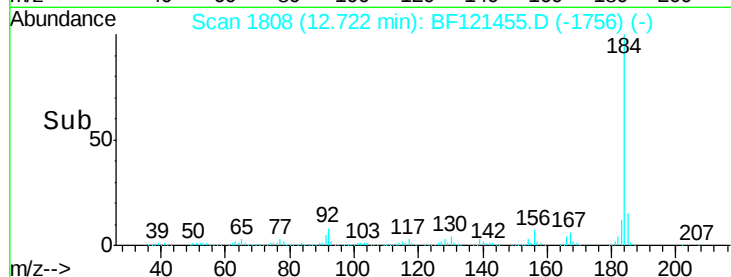
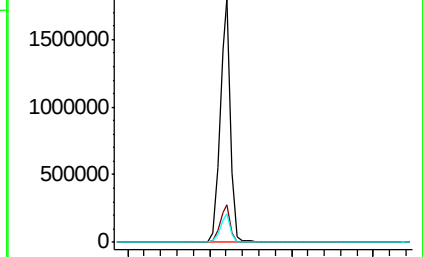
183 11.7 8.9 13.3



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: 40.701 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

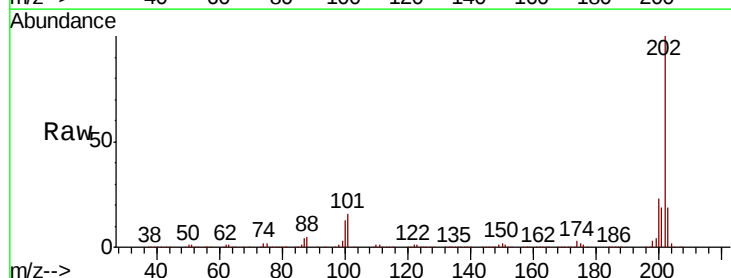
Tgt Ion:202 Resp: 2683611

Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.0	27.0
203	19.1	15.3	22.9

202 100

200 22.8 18.0 27.0

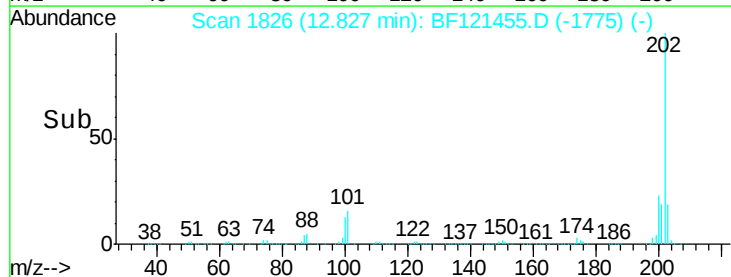
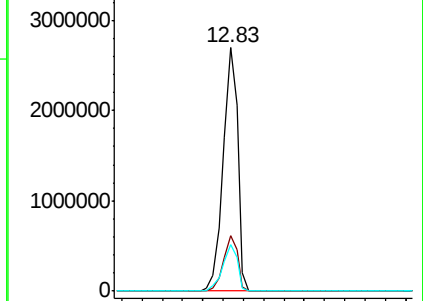
203 19.1 15.3 22.9

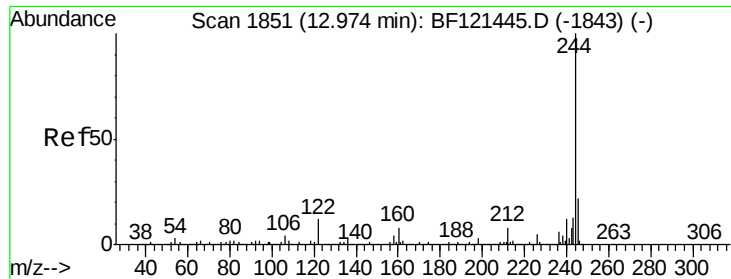


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.923 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

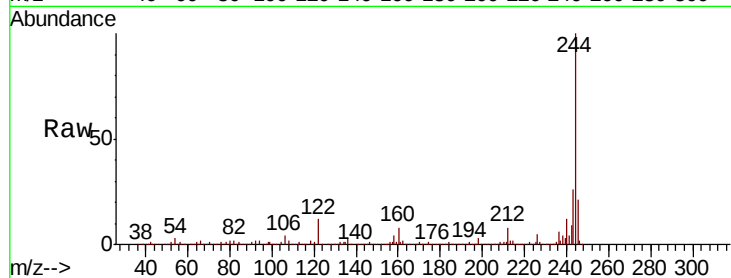
Tot Ion:244 Resp: 2935202

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

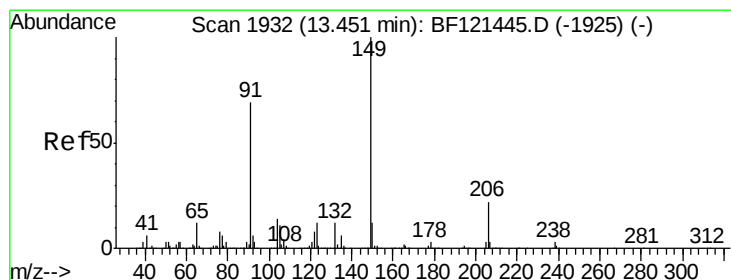
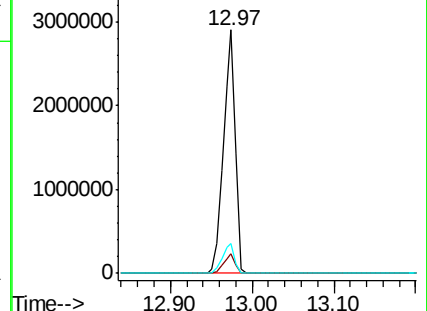
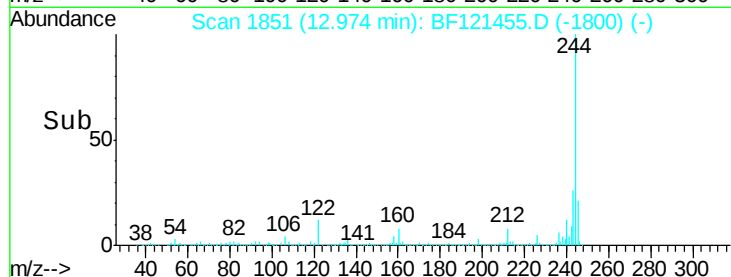
122 12.2 9.5 14.3



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: 46.009 ng

RT: 13.45 min Scan# 1932

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

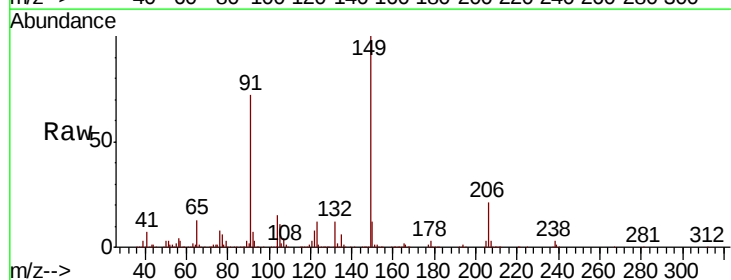
Tgt Ion:149 Resp: 1168697

Ion Ratio Lower Upper

149 100

91 72.0 55.0 82.4

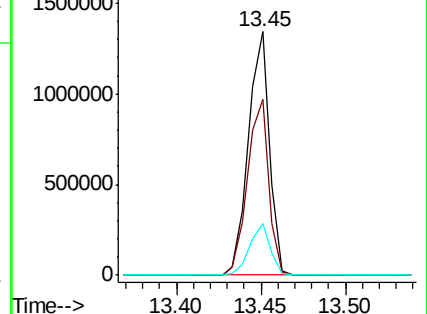
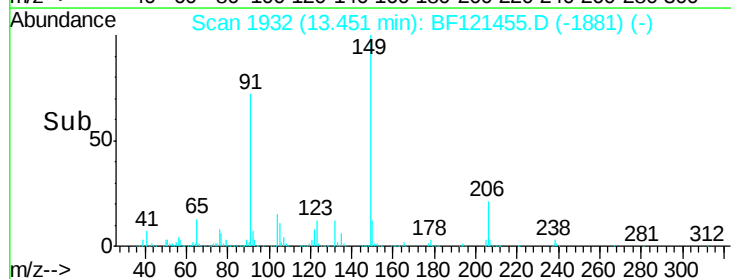
206 21.3 17.8 26.6

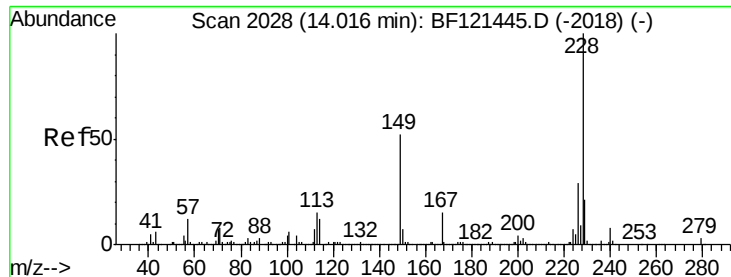


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.485 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

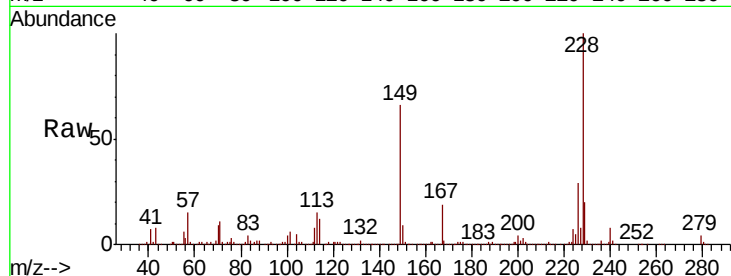
BNA_F

ClientSampleId :

PB131187BSD

Tot Ion:228 Resp: 2168947

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.4
229	20.5	16.6	24.8

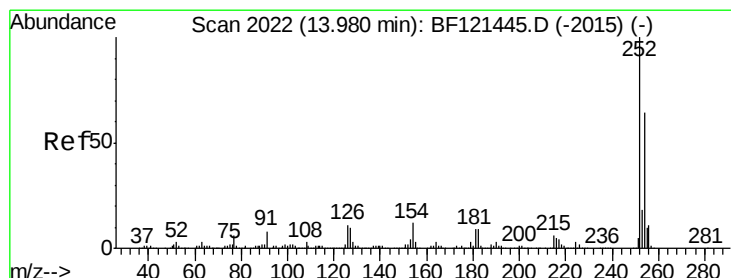
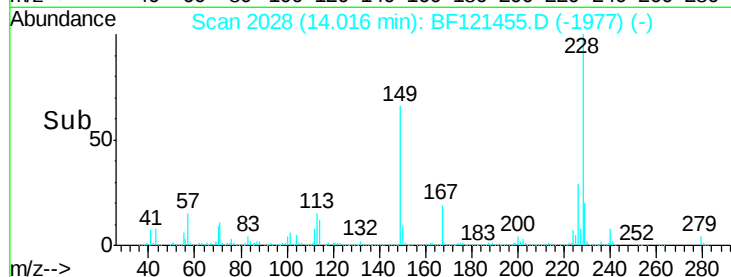
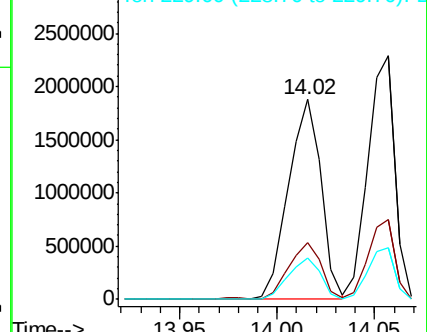


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.277 ng

RT: 13.98 min Scan# 2022

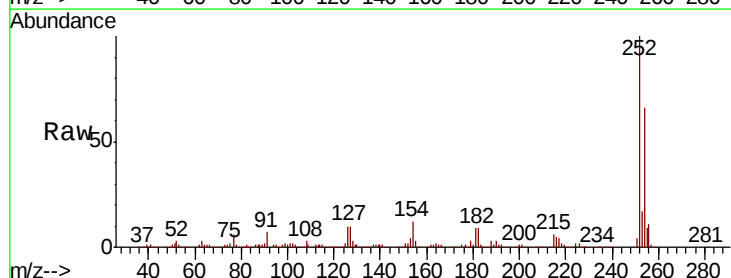
Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Tgt Ion:252 Resp: 707559

Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.4	77.2
126	10.2	8.5	12.7

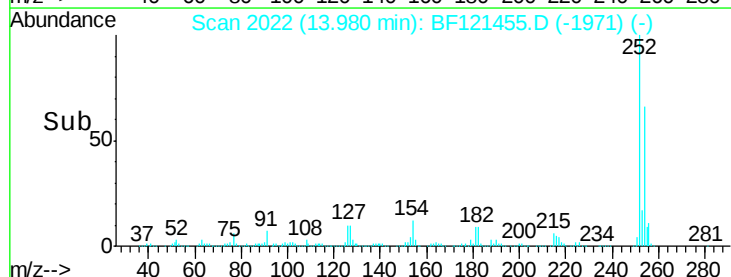
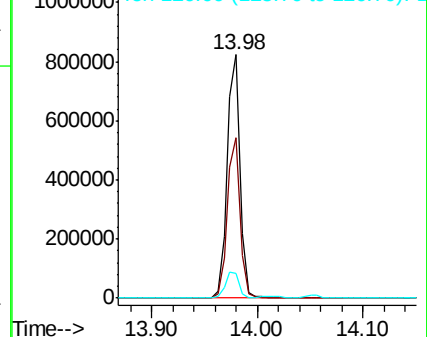


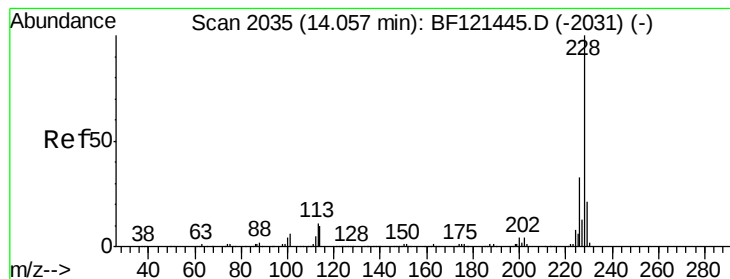
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.908 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

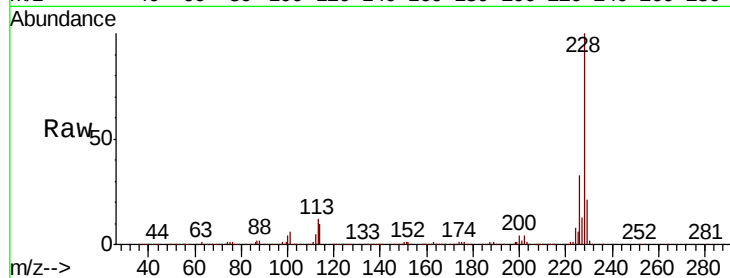
Tot Ion:228 Resp: 2193783

Ion Ratio Lower Upper

228 100

226 33.0 26.2 39.2

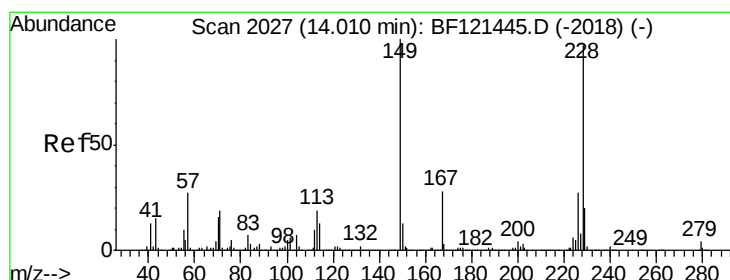
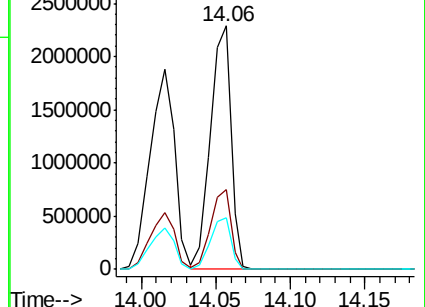
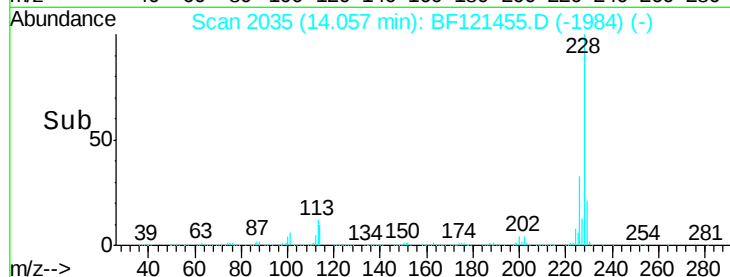
229 21.3 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.184 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

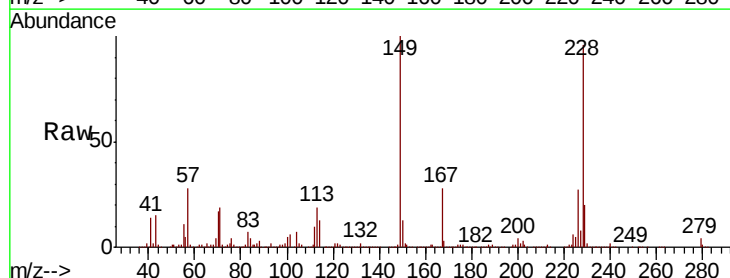
Tgt Ion:149 Resp: 1449532

Ion Ratio Lower Upper

149 100

167 27.8 22.6 34.0

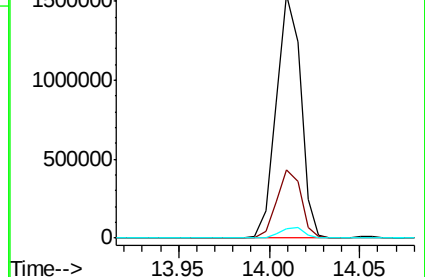
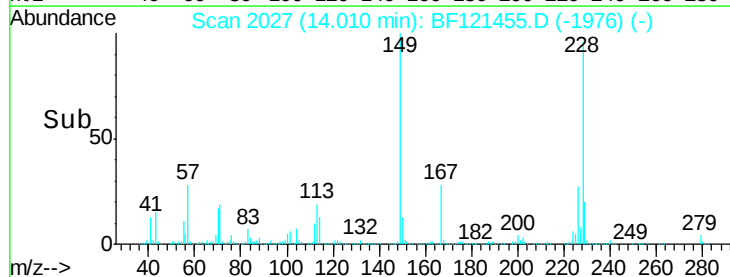
279 3.9 3.3 4.9

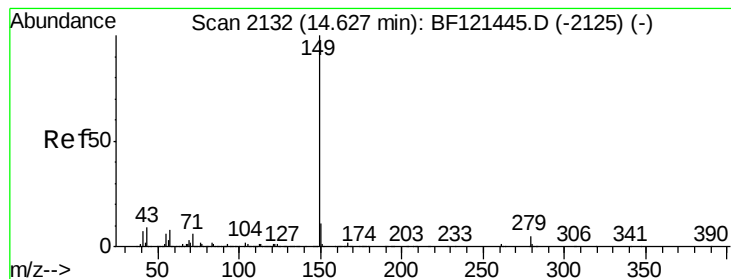


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.043 ng

RT: 14.63 min Scan# 2132

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

Instrument :

BNA_F

ClientSampleId :

PB131187BSD

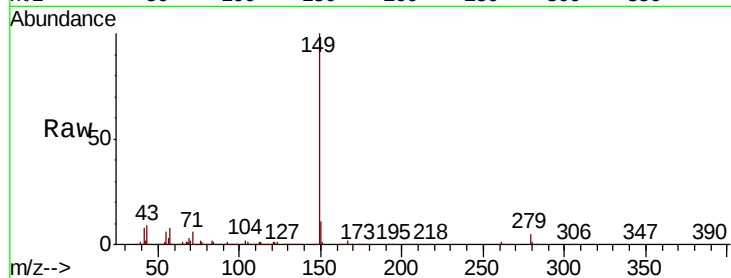
Tot Ion:149 Resp: 2615505

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

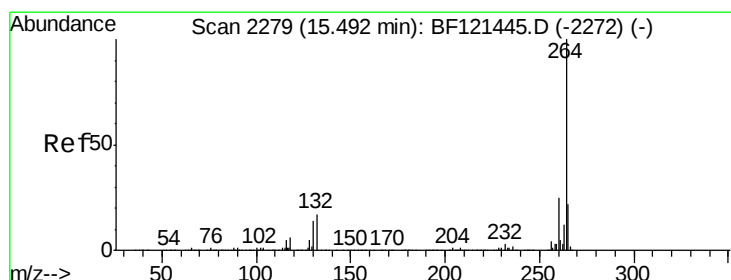
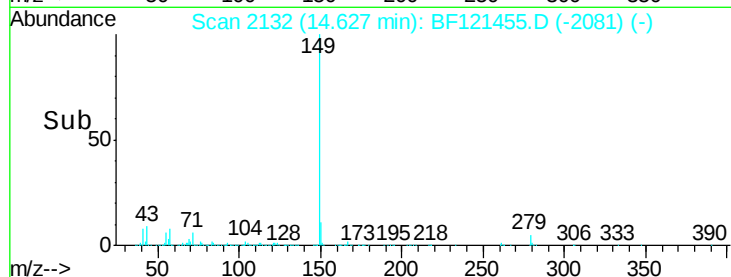
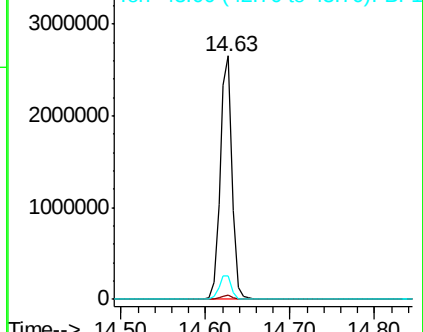
43 10.2 8.3 12.5



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: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF121455.D

Acq: 28 Aug 2020 12:13

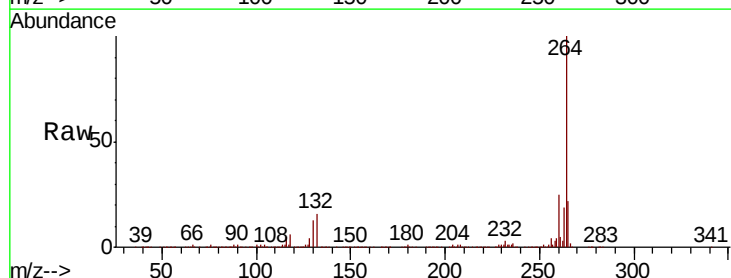
Tgt Ion:264 Resp: 846452

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

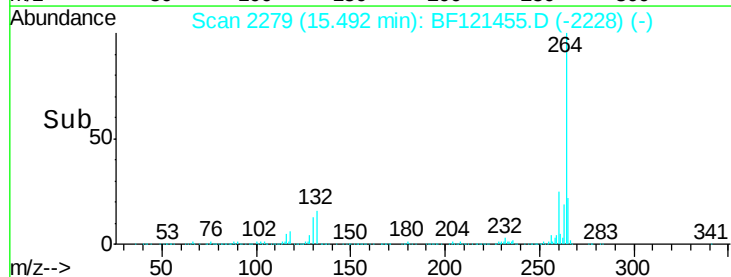
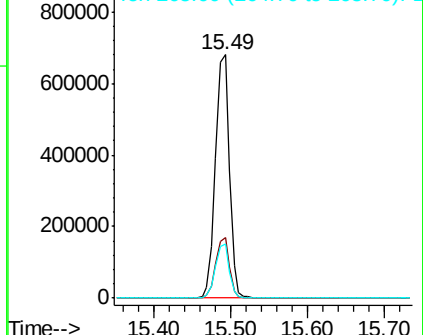
265 22.0 17.8 26.6

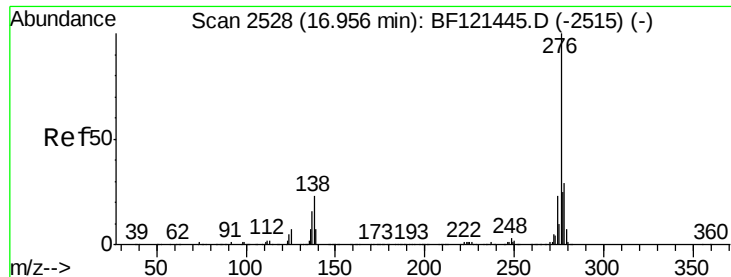


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

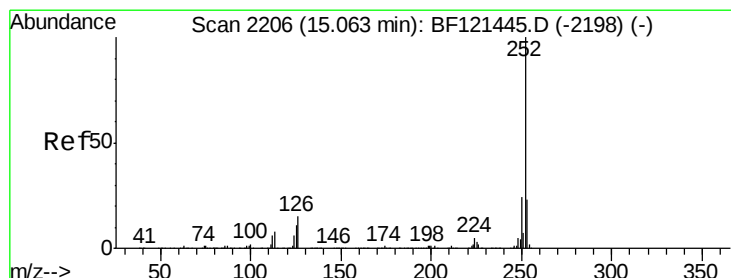
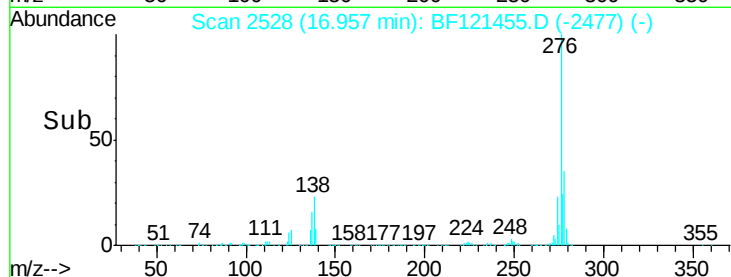
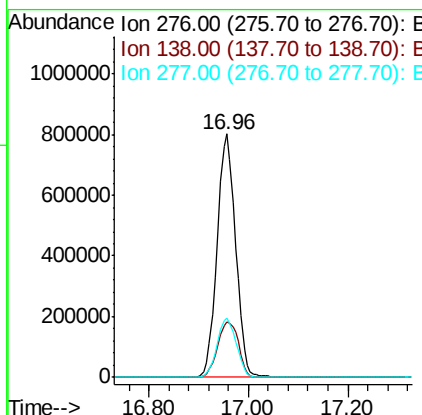
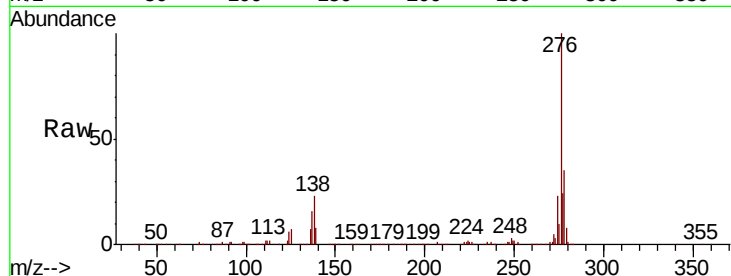




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.858 ng
 RT: 16.96 min Scan# 2528
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

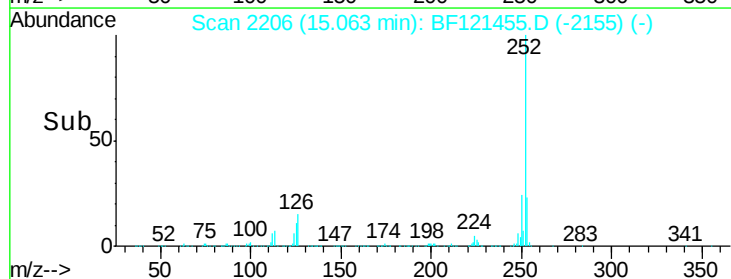
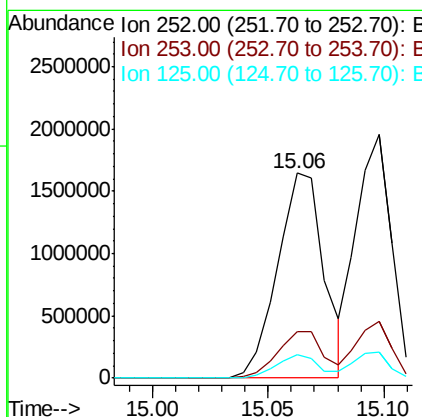
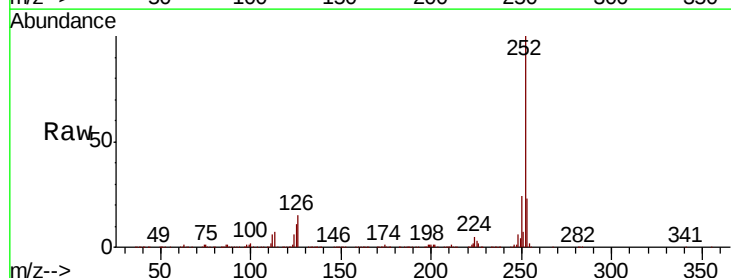
Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

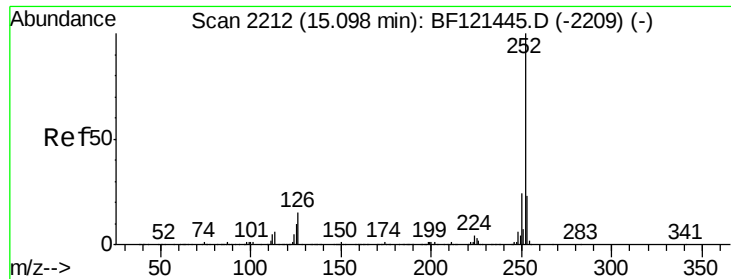
Tot Ion:276 Resp: 2075809
 Ion Ratio Lower Upper
 276 100
 138 25.7 20.6 31.0
 277 25.2 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 41.665 ng
 RT: 15.06 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion:252 Resp: 2294147
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.3 27.5
 125 11.1 9.2 13.8

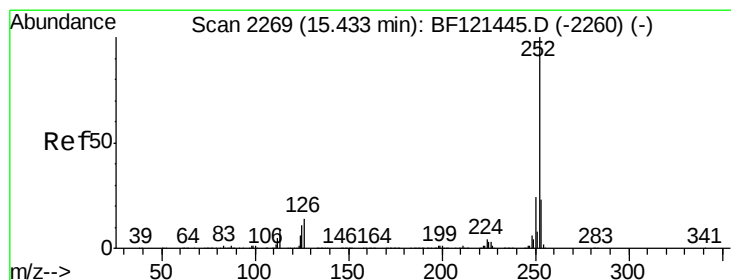
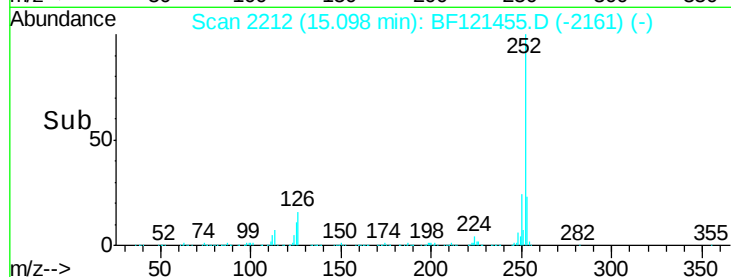
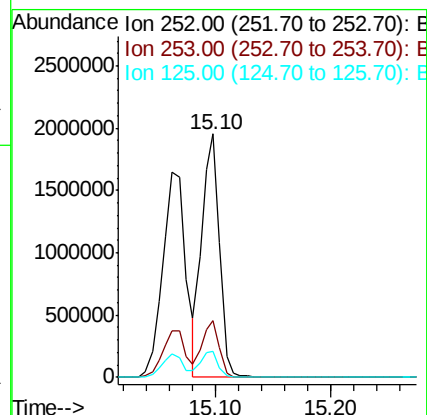
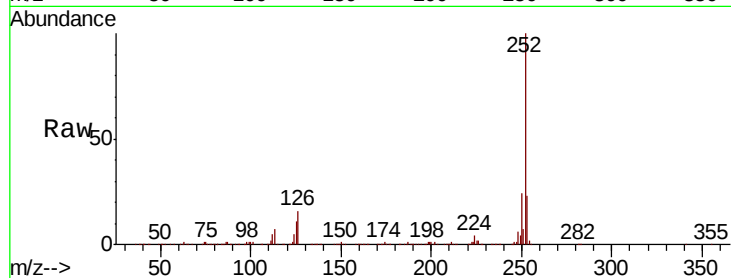




#89
Benzo(k)fluoranthene
Concen: 40.811 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

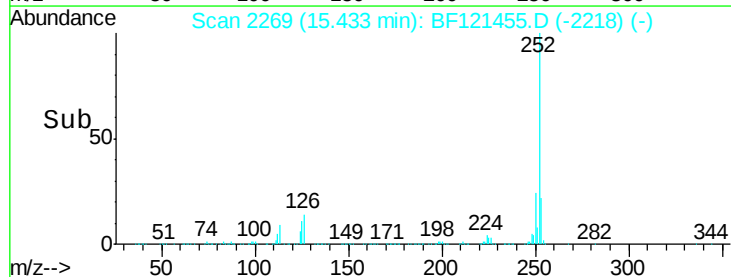
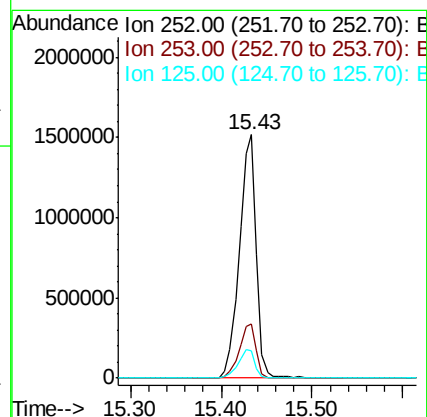
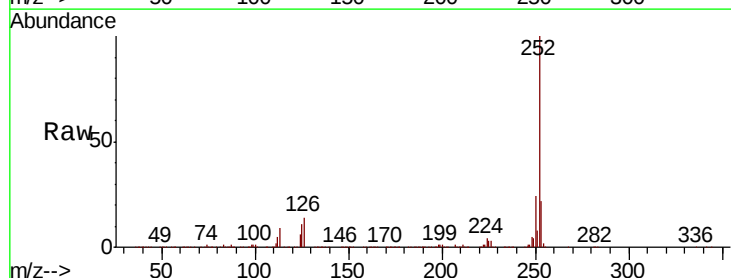
Instrument :
BNA_F
ClientSampleId :
PB131187BSD

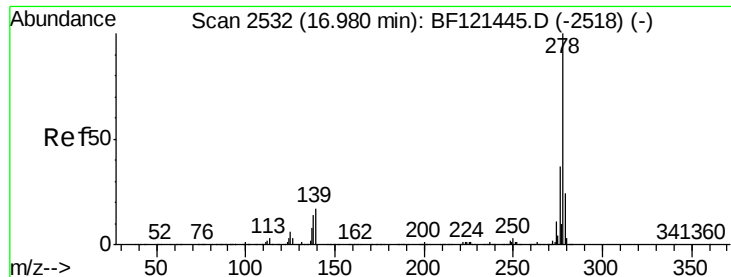
Tot Ion:252 Resp: 2090112
Ion Ratio Lower Upper
252 100
253 23.1 18.3 27.5
125 10.8 8.5 12.7



#90
Benzo(a)pyrene
Concen: 39.836 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF121455.D
Acq: 28 Aug 2020 12:13

Tgt Ion:252 Resp: 1972334
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 11.1 9.0 13.4

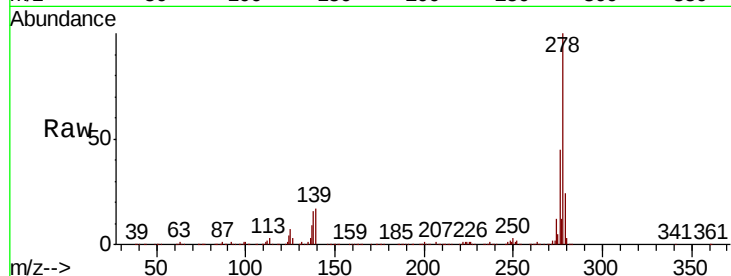




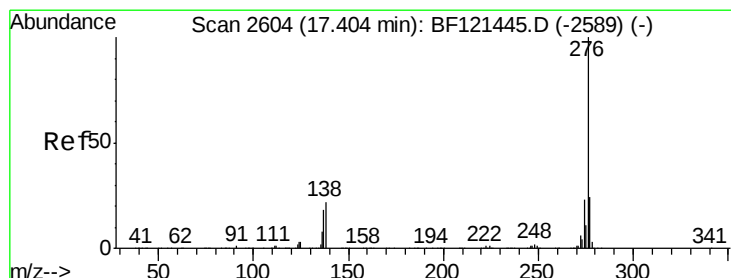
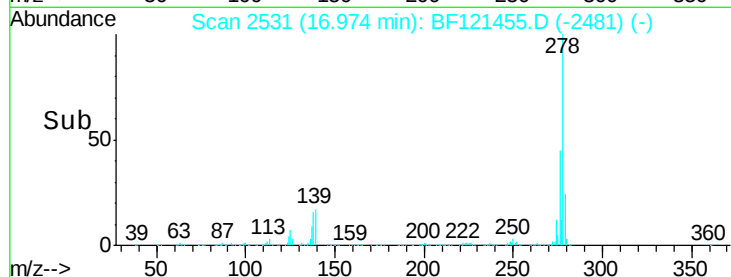
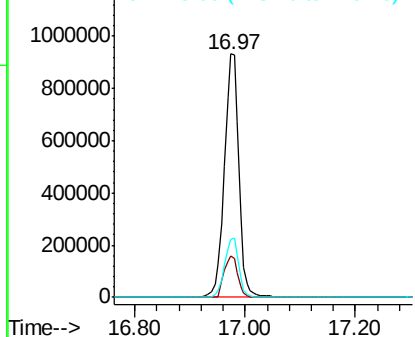
#91
 Dibenzo(a,h)anthracene
 Concen: 40.641 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. -0.01 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BSD

Tot Ion:278 Resp: 1732597
 Ion Ratio Lower Upper
 278 100
 139 17.1 13.3 19.9
 279 24.0 19.4 29.0

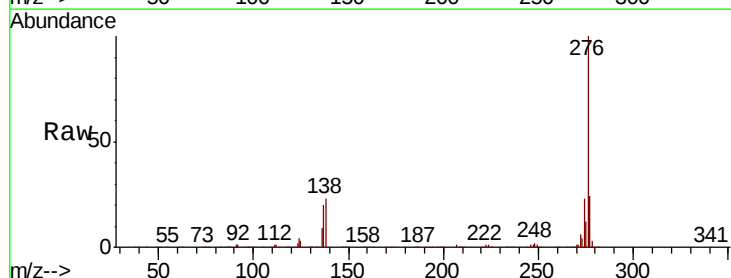


Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E



#92
 Benzo(g,h,i)perylene
 Concen: 40.735 ng
 RT: 17.40 min Scan# 2603
 Delta R.T. -0.01 min
 Lab File: BF121455.D
 Acq: 28 Aug 2020 12:13

Tgt Ion:276 Resp: 1672886
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.9 28.3
 138 23.0 17.4 26.0



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

