

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
 Data File : BF121454.D
 Acq On : 28 Aug 2020 11:42
 Operator : JU/CG
 Sample : PB131187BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

Quant Time: Aug 28 12:18:47 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	314156	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1215780	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	637255	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1202064	20.00	ng	0.00
76) Chrysene-d12	14.03	240	909558	20.00	ng	0.00
86) Perylene-d12	15.49	264	821090	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1835316	98.01	ng	0.01
7) Phenol-d6	6.49	99	2420005	92.48	ng	0.00
23) Nitrobenzene-d5	7.42	82	1501564	84.44	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	736951	114.49	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2861069	72.44	ng	0.00
79) Terphenyl-d14	12.97	244	2943288	68.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	465197	52.094	ng	99
3) Pyridine	3.46	79	664204	27.314	ng	98
4) n-Nitrosodimethylamine	3.42	42	399709	37.185	ng	96
6) Aniline	6.52	93	1133999	36.524	ng	100
8) 2-Chlorophenol	6.65	128	832454	43.804	ng	96
9) Benzaldehyde	6.41	77	550957	44.760	ng	98
10) Phenol	6.50	94	1089342	42.556	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	808003	38.851	ng	97
12) 1,3-Dichlorobenzene	6.80	146	844515	36.907	ng	98
13) 1,4-Dichlorobenzene	6.88	146	850348	37.081	ng	99
14) 1,2-Dichlorobenzene	7.03	146	824892	38.632	ng	99
15) Benzyl Alcohol	7.00	79	706885	41.158	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1166948	37.875	ng	99
17) 2-Methylphenol	7.11	107	679791	41.112	ng	99
18) Hexachloroethane	7.37	117	308254	39.277	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	598271	40.912	ng	100
20) 3+4-Methylphenols	7.26	107	831661	41.563	ng	# 88
22) Acetophenone	7.27	105	1115747	37.234	ng	# 95
24) Nitrobenzene	7.44	77	841764	47.222	ng	99
25) Isophorone	7.69	82	1632559	40.815	ng	99
26) 2-Nitrophenol	7.76	139	361111	48.400	ng	94
27) 2,4-Dimethylphenol	7.79	122	785521	47.350	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	1034790	38.045	ng	100
29) 2,4-Dichlorophenol	8.00	162	703618	42.955	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	737744	36.765	ng	98
31) Naphthalene	8.17	128	2316168	38.374	ng	100
32) Benzoic acid	7.92	122	465464	46.010	ng	100
33) 4-Chloroaniline	8.21	127	825640	30.712	ng	98
34) Hexachlorobutadiene	8.29	225	431893	36.193	ng	99
35) Caprolactam	8.58	113	124779	23.356	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	734838	42.549	ng	100
37) 2-Methylnaphthalene	8.86	142	1610672	40.276	ng	99
38) 1-Methylnaphthalene	8.96	142	1514599	40.110	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	714785	37.839	ng	99

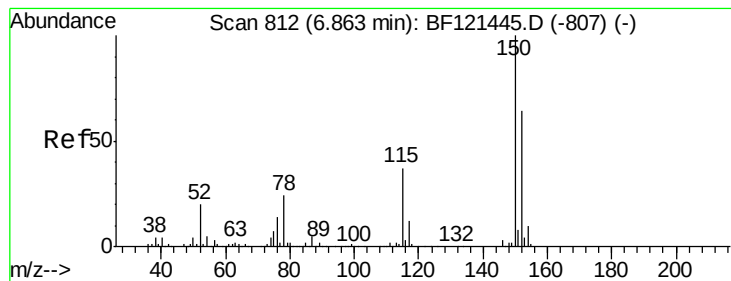
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
 Data File : BF121454.D
 Acq On : 28 Aug 2020 11:42
 Operator : JU/CG
 Sample : PB131187BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

Quant Time: Aug 28 12:18:47 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)
41) Hexachlorocyclopentadiene	9.02	237	849179	106.899	ng	100
43) 2,4,6-Trichlorophenol	9.13	196	517263	43.323	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	555450	47.046	ng	98
46) 1,1'-Biphenyl	9.32	154	1932195	40.181	ng	99
47) 2-Chloronaphthalene	9.35	162	1471705	37.234	ng	97
48) 2-Nitroaniline	9.44	65	458539	42.256	ng	97
49) Acenaphthylene	9.76	152	2415524	40.743	ng	100
50) Dimethylphthalate	9.63	163	1747219	39.915	ng	100
51) 2,6-Dinitrotoluene	9.68	165	377655	46.296	ng	90
52) Acenaphthene	9.93	154	1576770	42.119	ng	100
53) 3-Nitroaniline	9.85	138	322480	32.800	ng	# 95
54) 2,4-Dinitrophenol	9.96	184	279816	76.506	ng	87
55) Dibenzofuran	10.11	168	2157028	39.666	ng	100
56) 4-Nitrophenol	10.01	139	676480	80.036	ng	95
57) 2,4-Dinitrotoluene	10.09	165	471388	46.876	ng	98
58) Fluorene	10.45	166	1597795	38.976	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	462942	47.096	ng	100
60) Diethylphthalate	10.33	149	1803322	41.005	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	796700	38.788	ng	94
62) 4-Nitroaniline	10.47	138	423272	40.367	ng	98
63) Azobenzene	10.60	77	1775341	40.821	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	188697	51.799	ng	97
66) n-Nitrosodiphenylamine	10.56	169	1538811	40.475	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	519074	39.253	ng	99
68) Hexachlorobenzene	11.00	284	594511	38.446	ng	99
69) Atrazine	11.09	200	443096	40.187	ng	99
70) Pentachlorophenol	11.19	266	696036	98.525	ng	97
71) Phenanthrene	11.41	178	2390248	38.748	ng	100
72) Anthracene	11.46	178	2467949	40.677	ng	99
73) Carbazole	11.62	167	2280879	38.985	ng	100
74) Di-n-butylphthalate	11.95	149	2689343	41.378	ng	100
75) Fluoranthene	12.60	202	2598008	39.078	ng	99
77) Benzidine	12.72	184	1588340	80.070	ng	99
78) Pyrene	12.83	202	2670169	41.106	ng	100
80) Butylbenzylphthalate	13.45	149	1146699	45.821	ng	99
81) Benzo(a)anthracene	14.02	228	2148519	38.695	ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	690595	33.957	ng	98
83) Chrysene	14.06	228	2177930	39.207	ng	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	1430842	44.269	ng	100
85) Di-n-octyl phthalate	14.63	149	2567140	46.867	ng	100
87) Indeno(1,2,3-cd)pyrene	16.96	276	1998547	39.559	ng	99
88) Benzo(b)fluoranthene	15.06	252	2242267	41.981	ng	100
89) Benzo(k)fluoranthene	15.10	252	2023460	40.730	ng	100
90) Benzo(a)pyrene	15.43	252	1916109	39.896	ng	100
91) Dibenzo(a,h)anthracene	16.98	278	1673370	40.464	ng	99
92) Benzo(g,h,i)perylene	17.40	276	1612563	40.479	ng	99

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

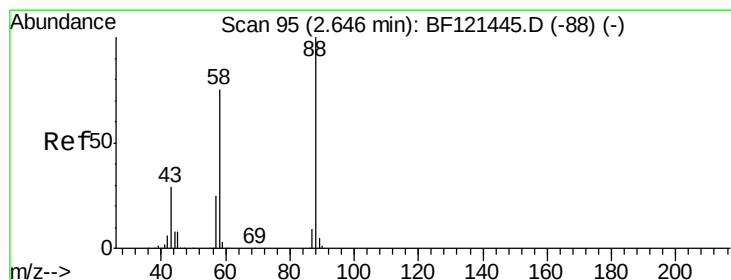
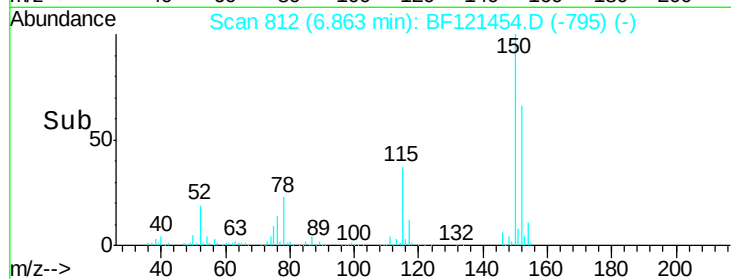
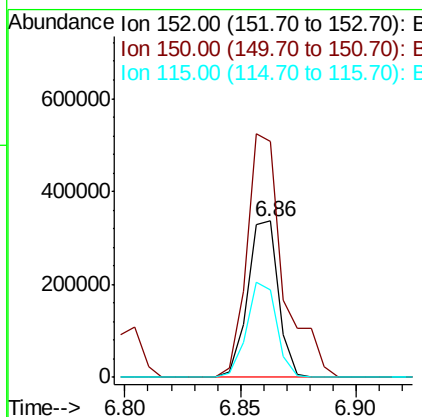
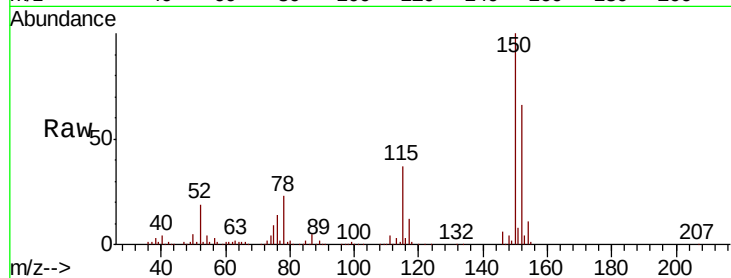


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

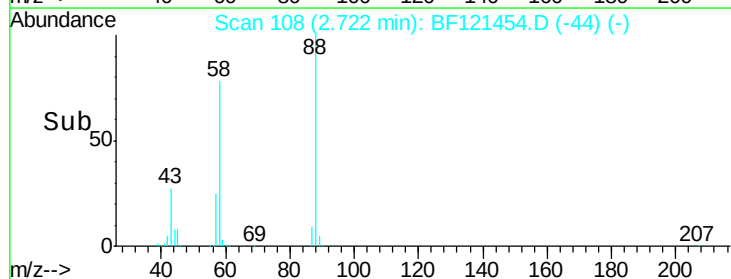
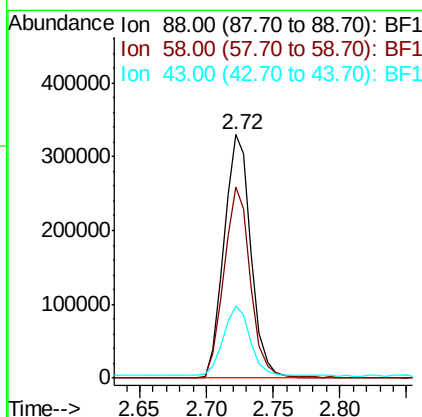
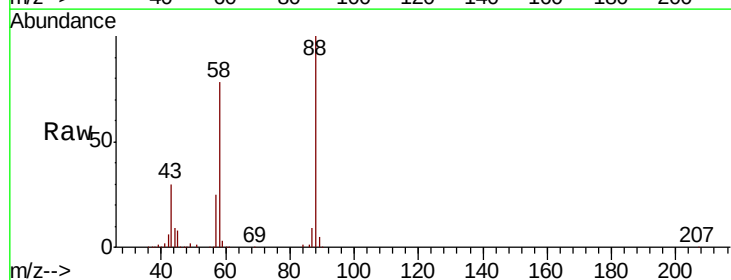
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	125.8	188.6
115	55.7	46.6	69.8

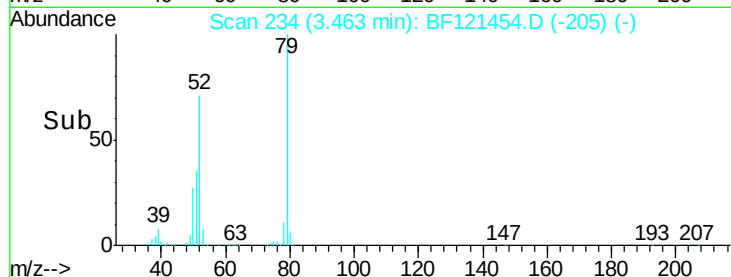
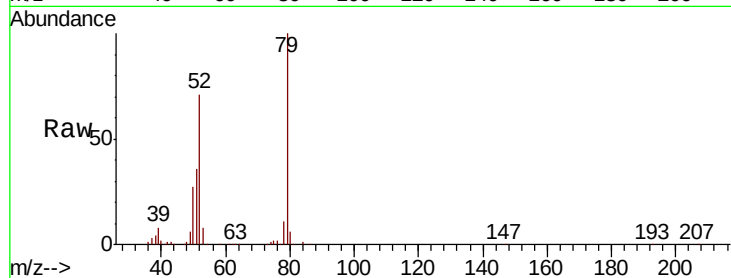
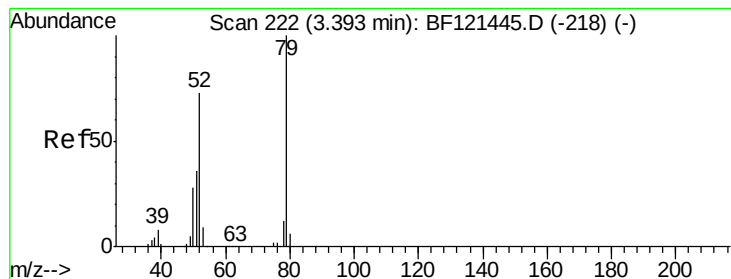


#2

1,4-Dioxane
Concen: 52.094 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.08 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.5	61.1	91.7
43	28.2	23.4	35.0





#3

Pvridine

Concen: 27.314 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.07 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

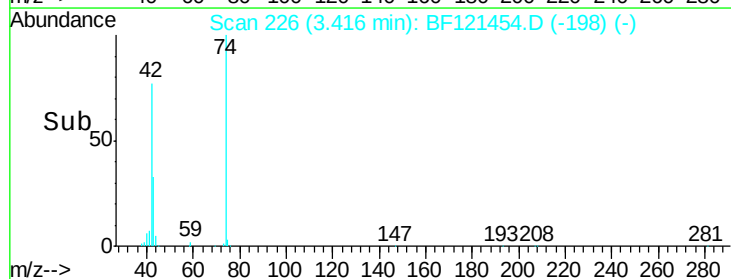
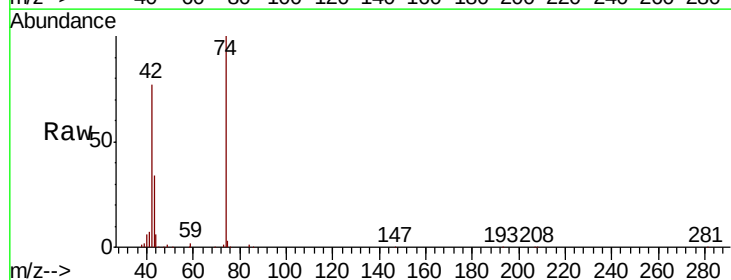
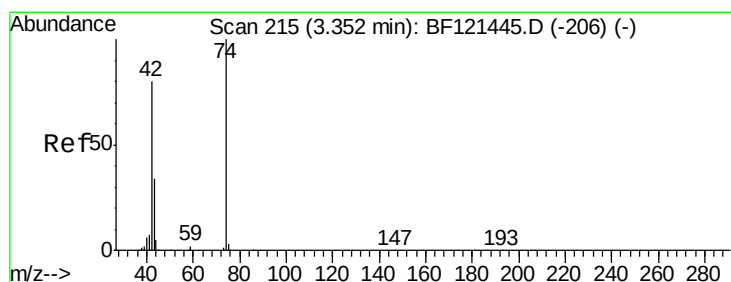
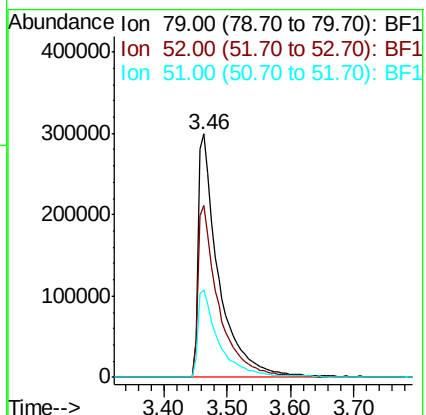
Tot Ion: 79 Resp: 664204

Ion Ratio Lower Upper

79 100

52 70.8 58.2 87.4

51 35.7 29.1 43.7



#4

n-Nitrosodimethylamine

Concen: 37.185 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.06 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

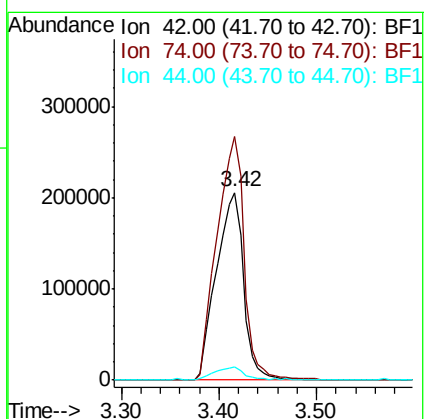
Tgt Ion: 42 Resp: 399709

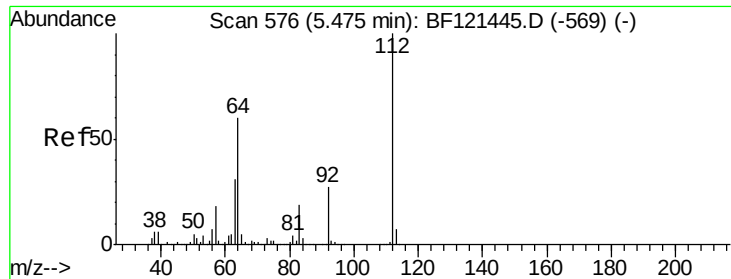
Ion Ratio Lower Upper

42 100

74 129.9 100.2 150.4

44 7.2 5.4 8.0





#5

2-Fluorophenol

Concen: 98.015 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

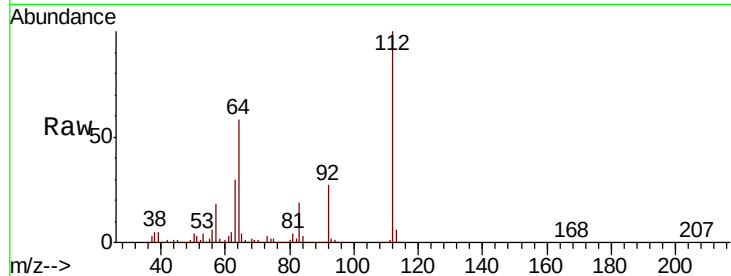
Tot Ion:112 Resp: 1835316

Ion Ratio Lower Upper

112 100

64 57.6 48.2 72.2

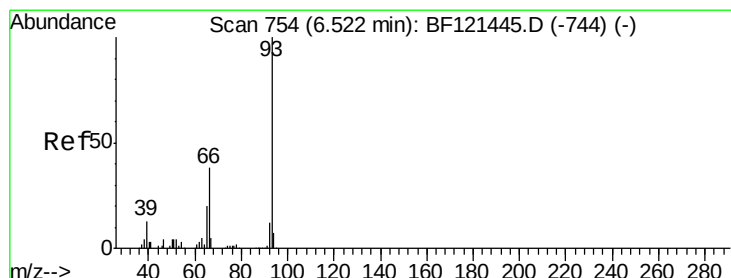
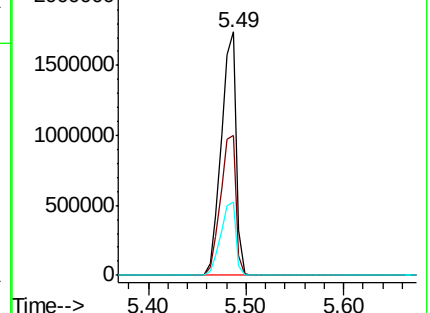
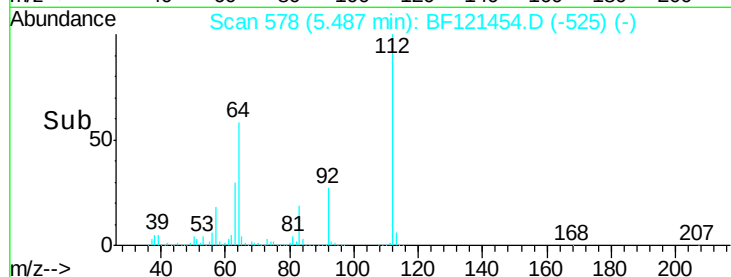
63 30.1 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.524 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

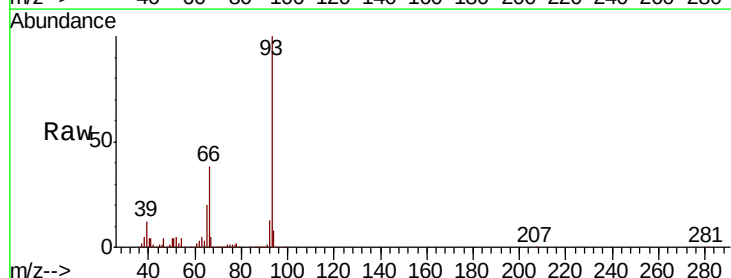
Tgt Ion: 93 Resp: 1133999

Ion Ratio Lower Upper

93 100

66 38.5 30.9 46.3

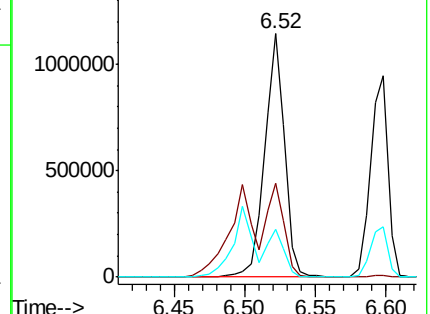
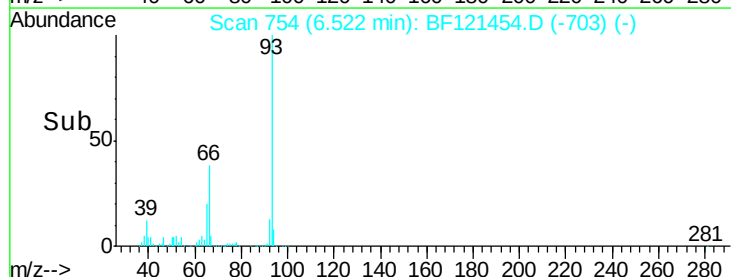
65 19.9 15.9 23.9

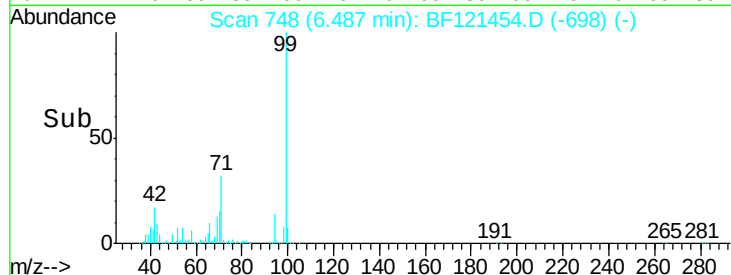
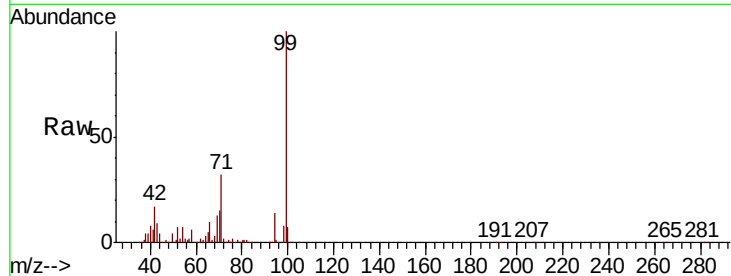
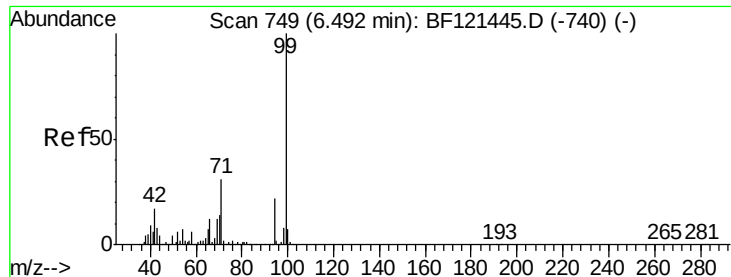


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.481 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

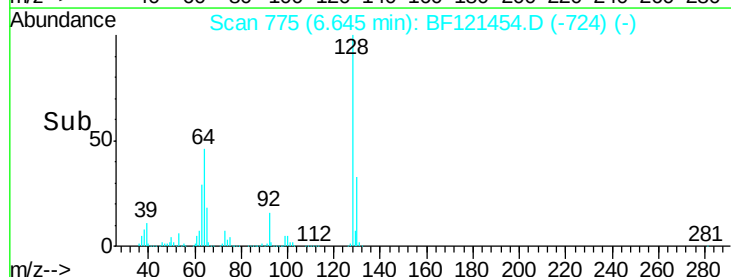
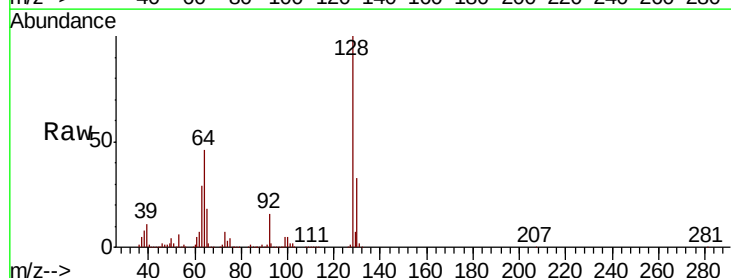
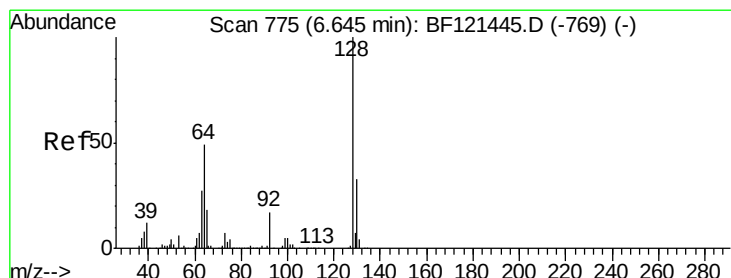
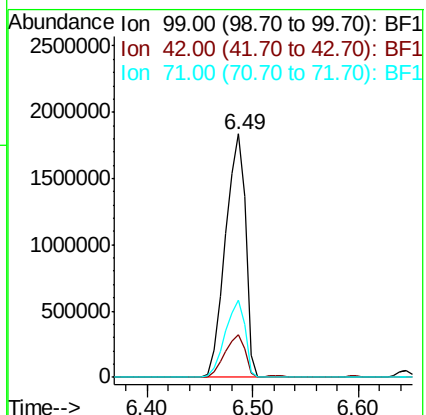
BNA_F

ClientSampleId :

PB131187BS

Tot Ion: 99 Resp: 2420005

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	31.6	24.6	37.0



#8

2-Chlorophenol

Concen: 43.804 ng

RT: 6.65 min Scan# 775

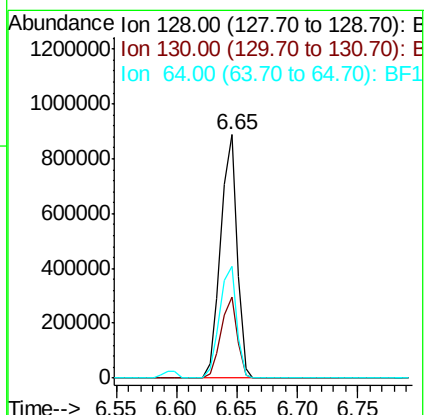
Delta R.T. -0.00 min

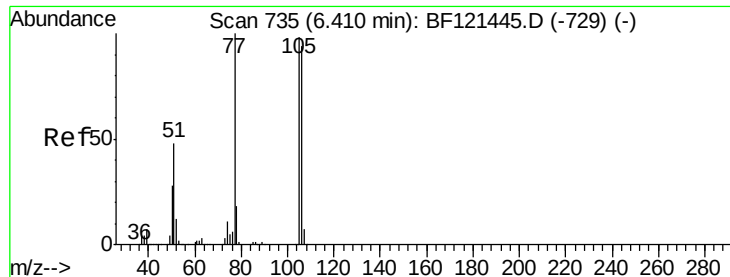
Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Tgt Ion: 128 Resp: 832454

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.6	52.6
64	45.9	29.5	69.5





#9

Benzaldehyde

Concen: 44.760 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

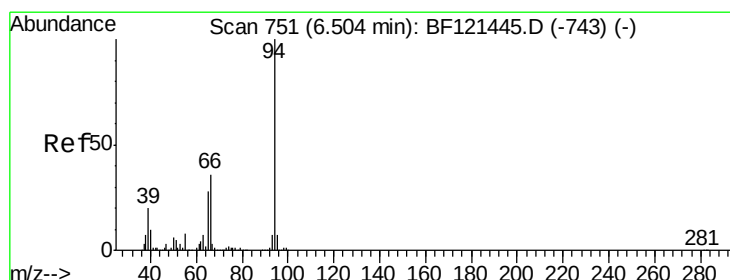
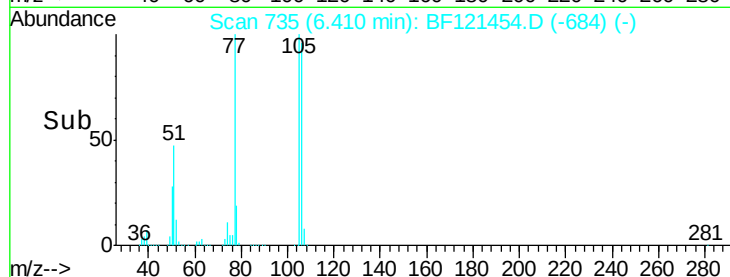
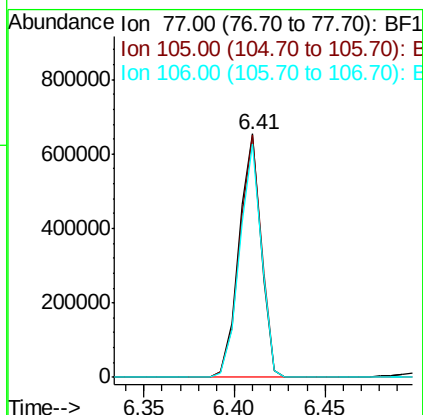
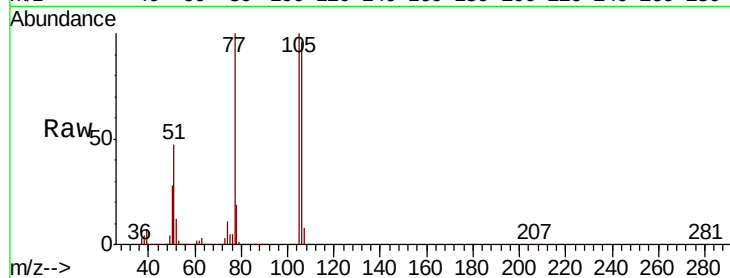
Tot Ion: 77 Resp: 550957

Ion Ratio Lower Upper

77 100

105 99.5 78.1 118.1

106 96.0 74.3 114.3



#10

Phenol

Concen: 42.556 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

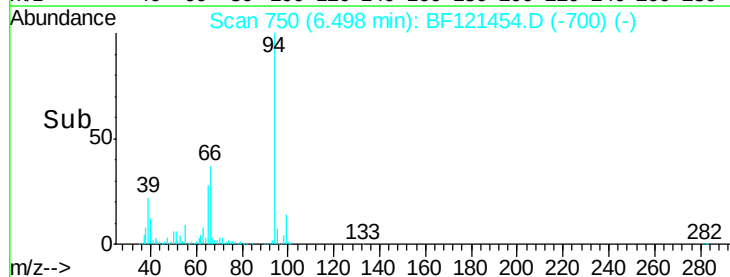
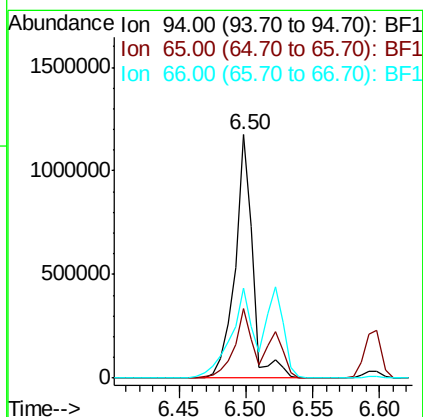
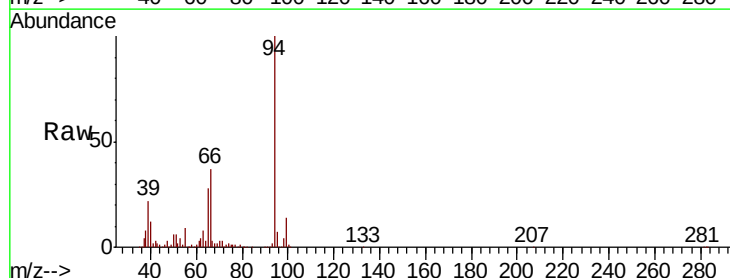
Tgt Ion: 94 Resp: 1089342

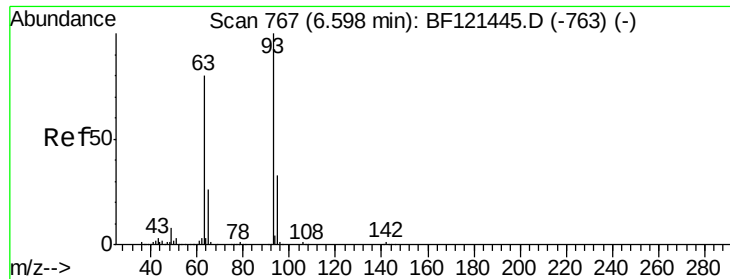
Ion Ratio Lower Upper

94 100

65 28.5 7.9 47.9

66 36.9 16.0 56.0

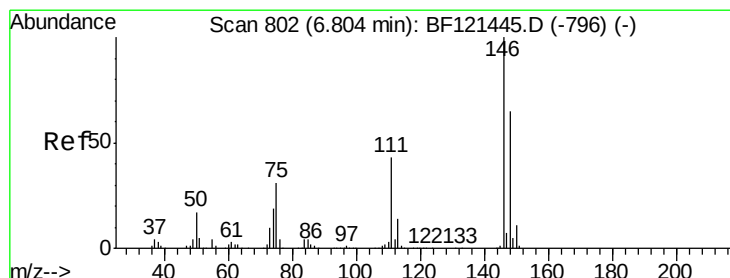
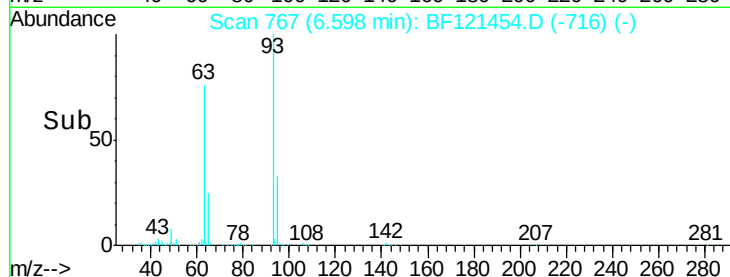
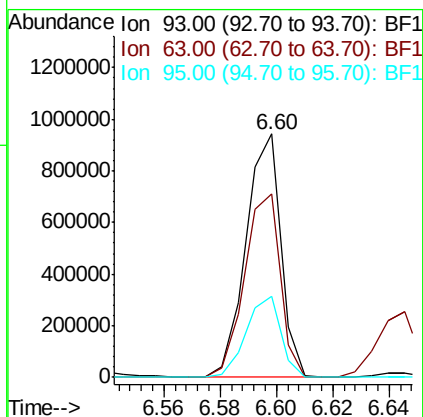
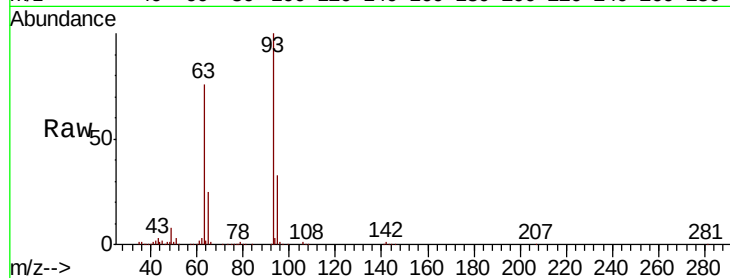




#11
bis(2-Chloroethyl)ether
Concen: 38.851 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

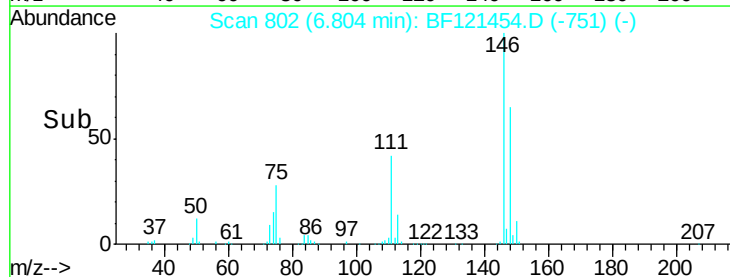
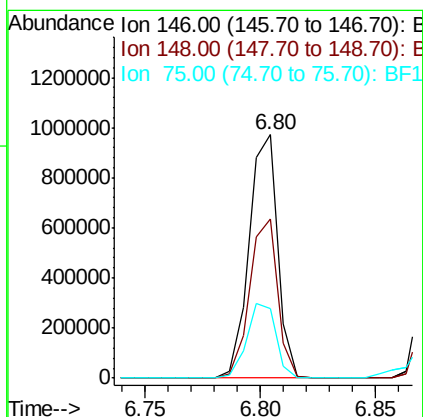
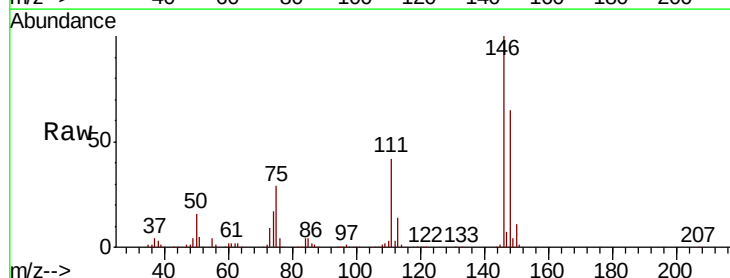
Instrument :
BNA_F
ClientSampleId :
PB131187BS

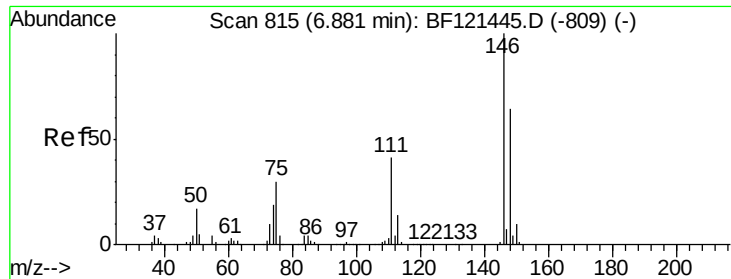
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.6	59.3	99.3
95	33.3	13.0	53.0



#12
1,3-Dichlorobenzene
Concen: 36.907 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.1	78.1
75	28.5	24.9	37.3

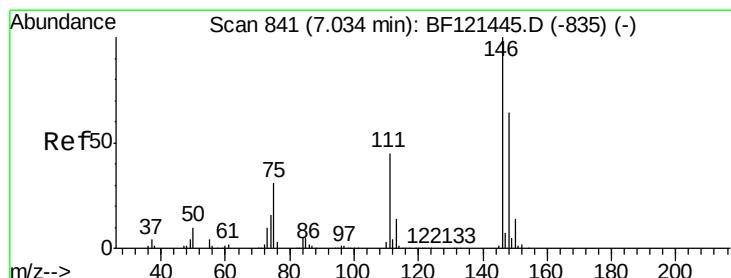
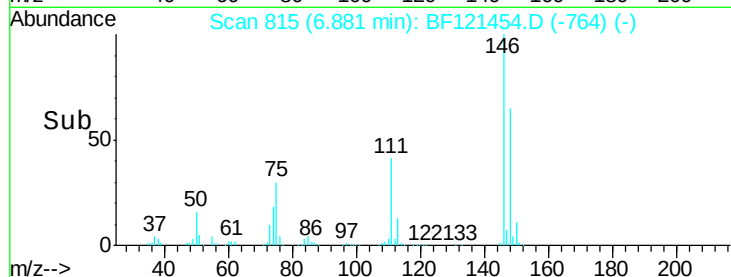
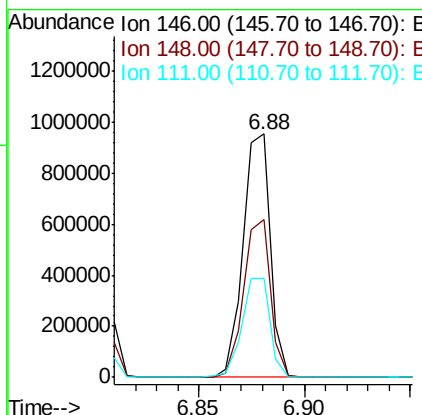
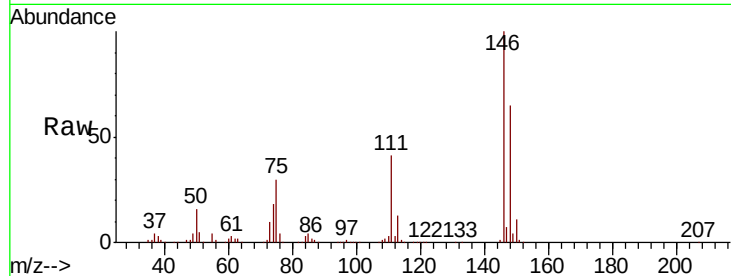




#13
 1,4-Dichlorobenzene
 Concen: 37.081 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

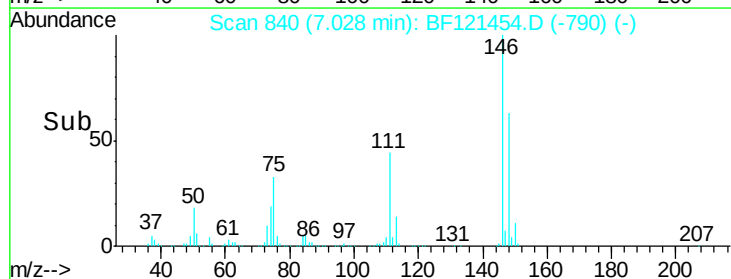
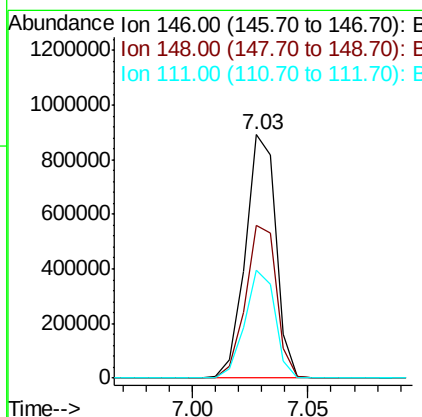
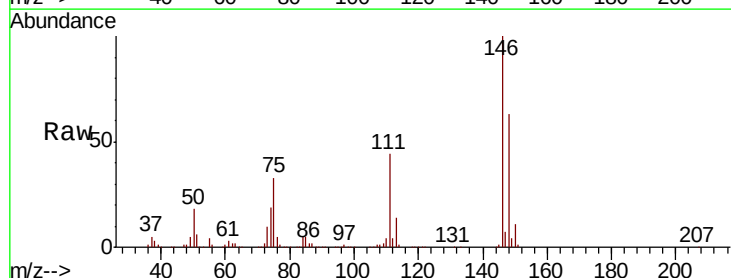
Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

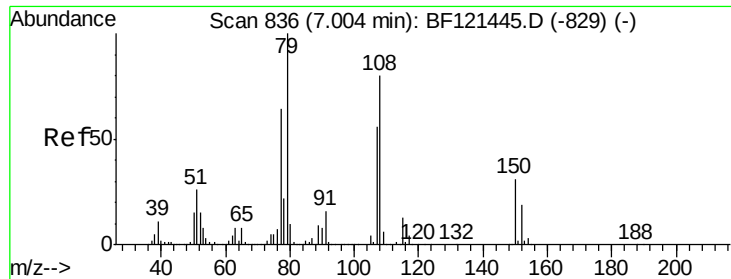
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.2	76.8
111	40.6	33.0	49.6



#14
 1,2-Dichlorobenzene
 Concen: 38.632 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.1	76.7
111	44.4	36.2	54.2





#15

Benzyl Alcohol

Concen: 41.158 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

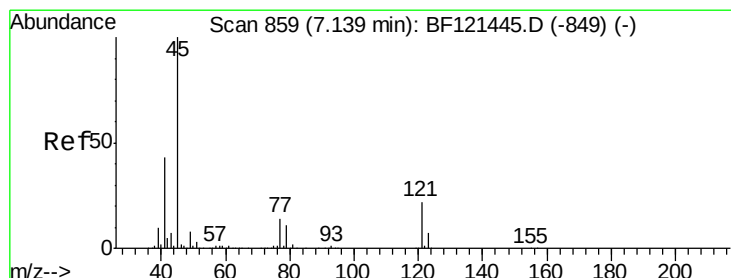
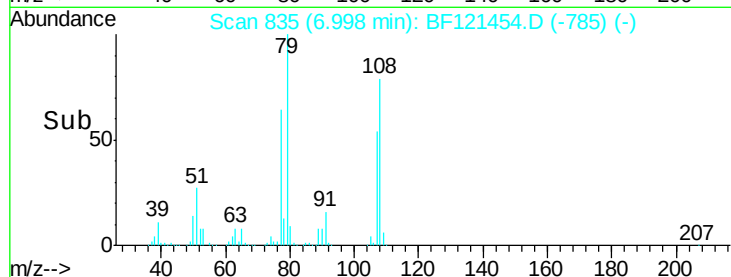
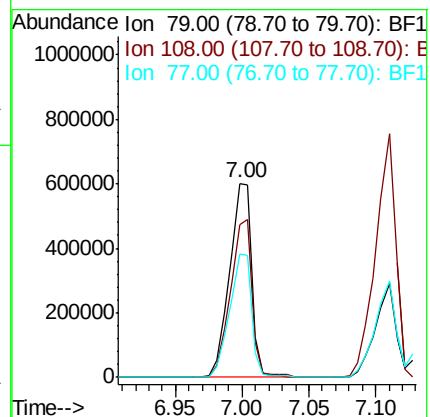
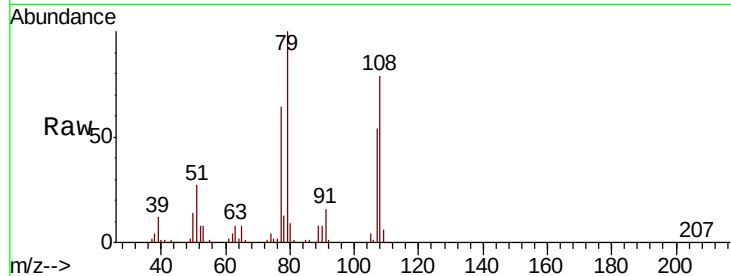
Tot Ion: 79 Resp: 706885

Ion Ratio Lower Upper

79 100

108 78.7 64.0 96.0

77 63.8 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.875 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

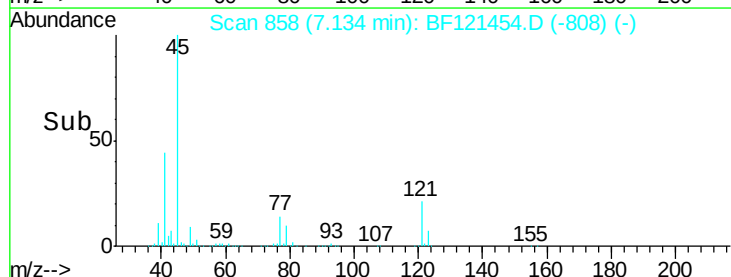
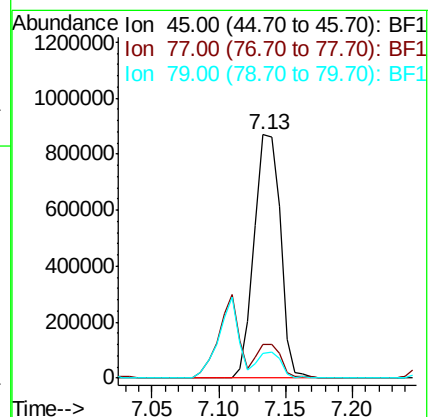
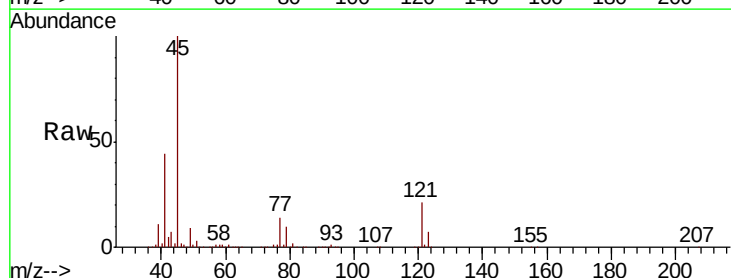
Tgt Ion: 45 Resp: 1166948

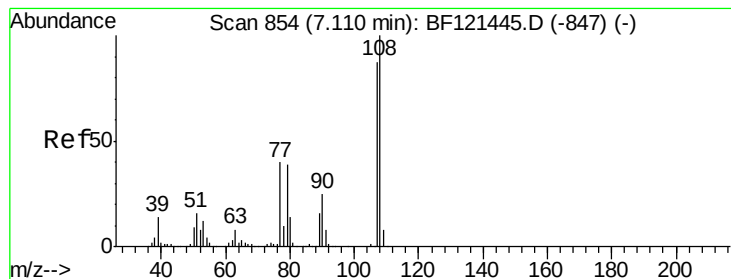
Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.8

79 10.3 0.0 31.1

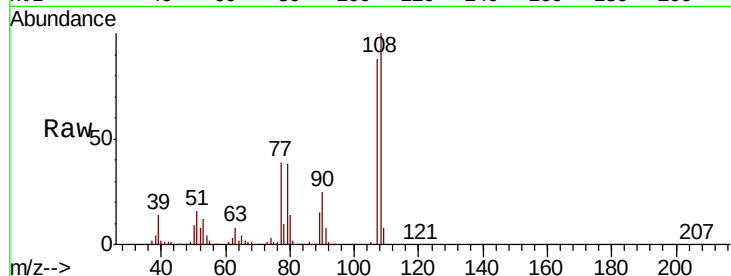




#17
2-Methylphenol
Concen: 41.112 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion:	107	Resp:	679791
Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.7	137.5
77	45.0	36.4	54.6
79	43.8	35.5	53.3



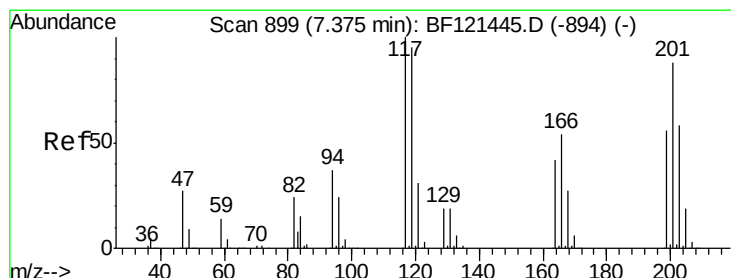
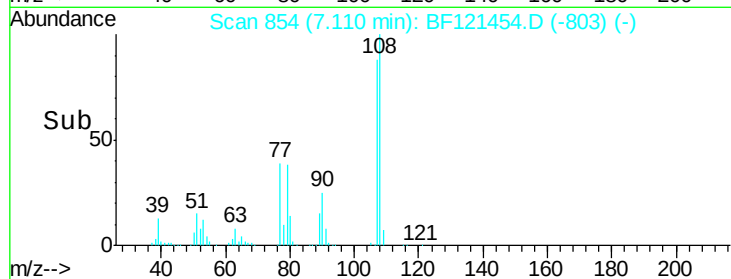
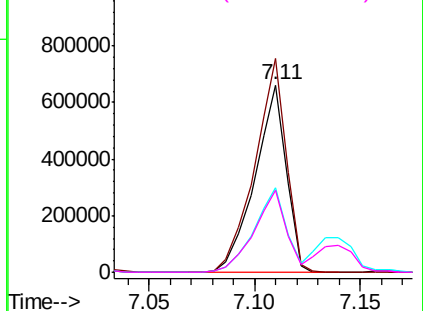
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

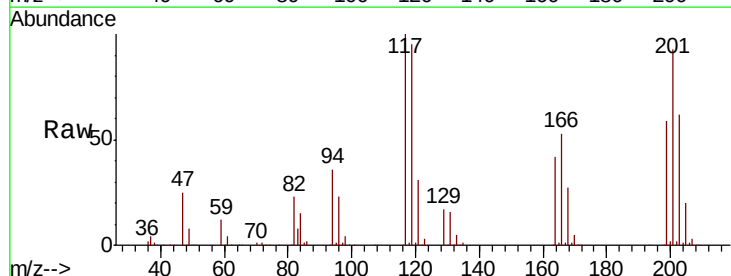
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.277 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion:	117	Resp:	308254
Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.8
201	92.7	70.4	105.6

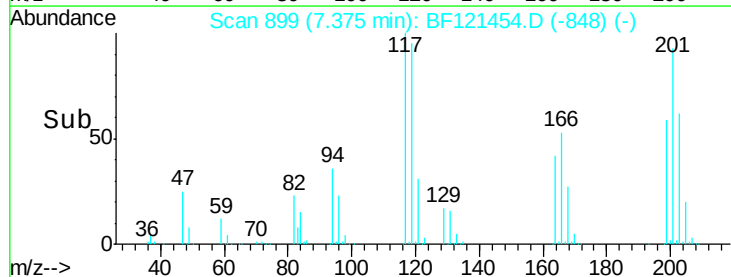
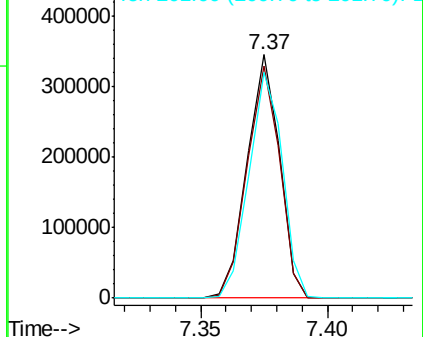


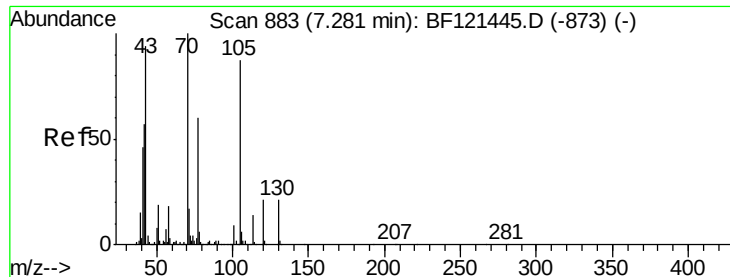
Abundance

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

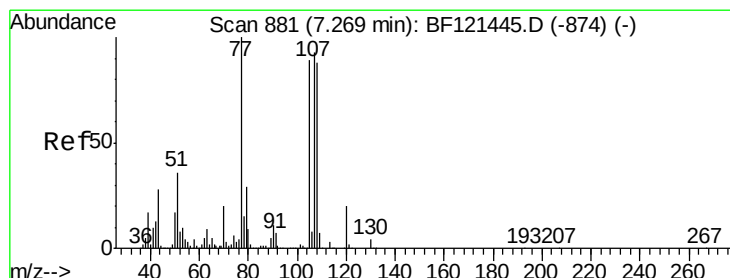
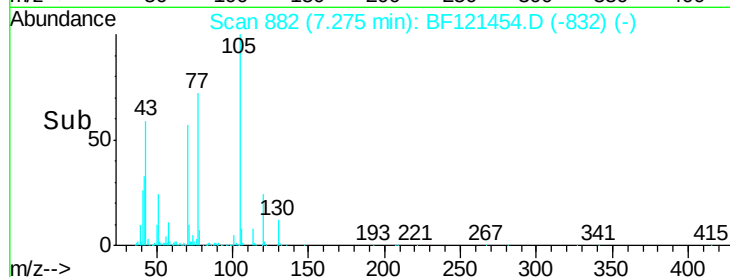
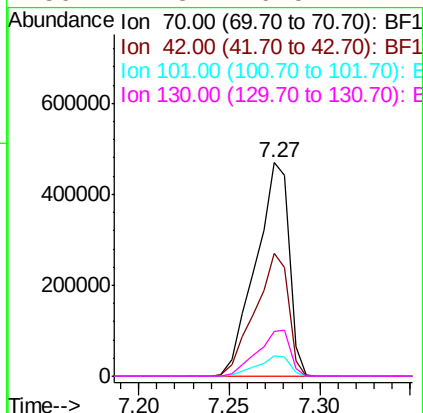
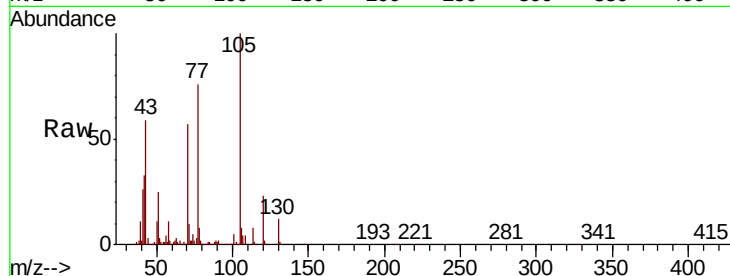




#19
n-Nitroso-di-n-propylamine
Concen: 40.912 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

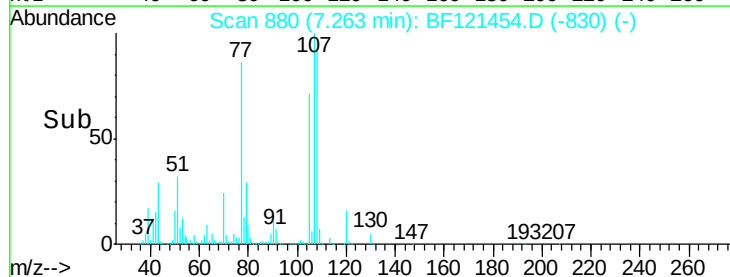
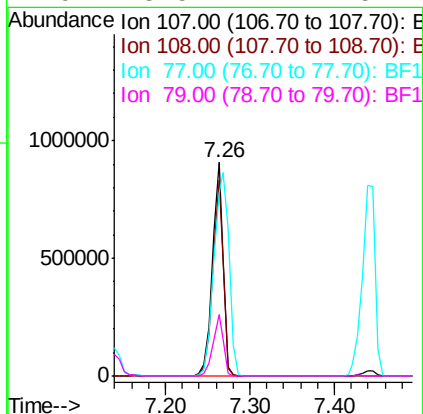
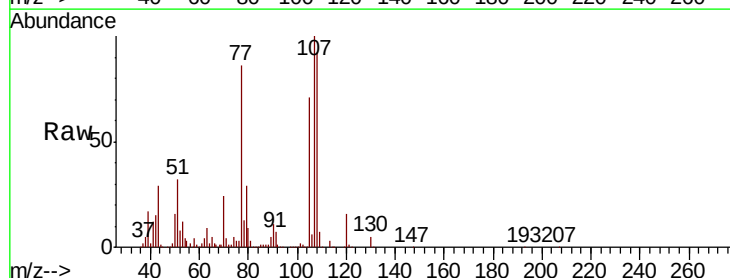
Instrument :
BNA_F
ClientSampleId :
PB131187BS

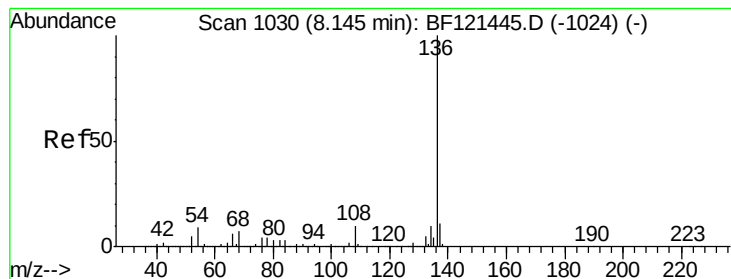
Tot Ion:	70	Resp:	598271
Ion	Ratio	Lower	Upper
70	100		
42	57.3	45.8	68.6
101	9.4	7.5	11.3
130	21.3	16.5	24.7



#20
3+4-Methylphenols
Concen: 41.563 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion:	107	Resp:	831661
Ion	Ratio	Lower	Upper
107	100		
108	91.7	75.0	115.0
77	86.0	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: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

Tot Ion:136 Resp: 1215780

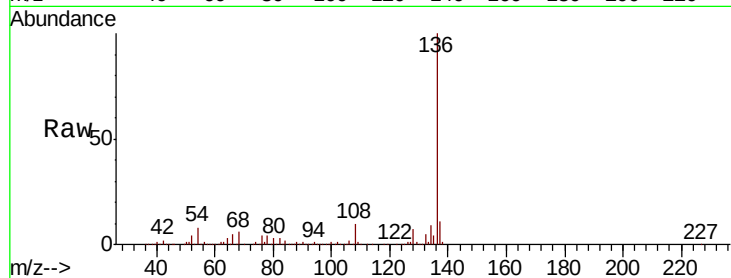
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.2 7.0 10.4

68 6.5 5.5 8.3

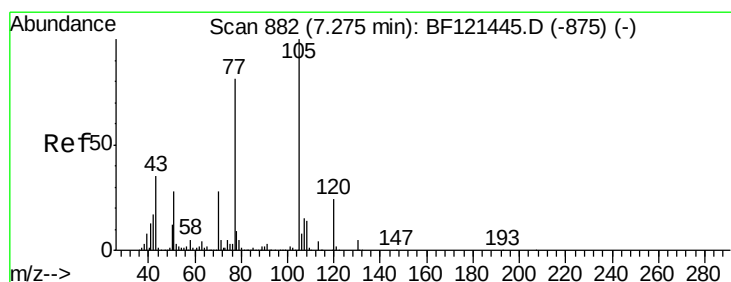
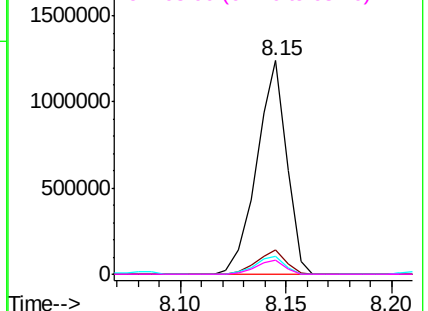
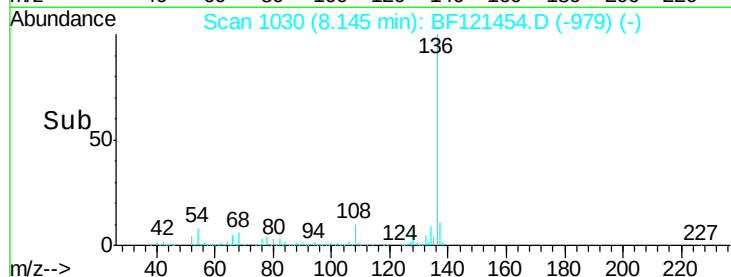


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.234 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Tgt Ion:105 Resp: 1115747

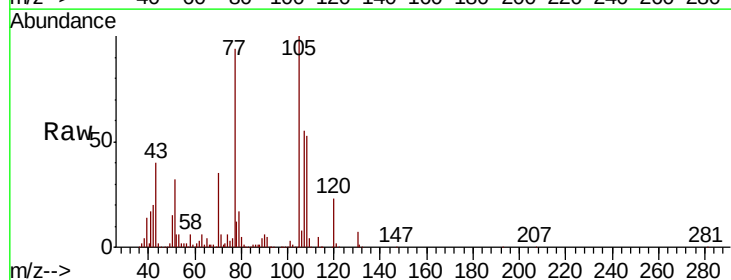
Ion Ratio Lower Upper

105 100

71 5.9 3.8 5.6#

51 32.3 22.6 33.8

120 22.5 18.9 28.3

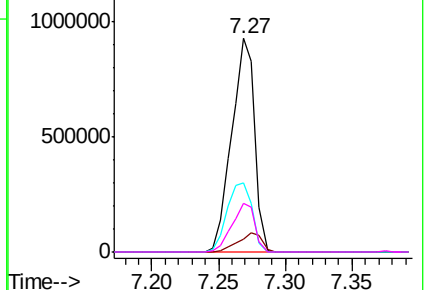
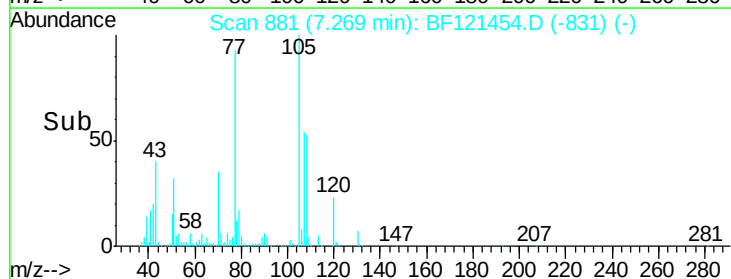


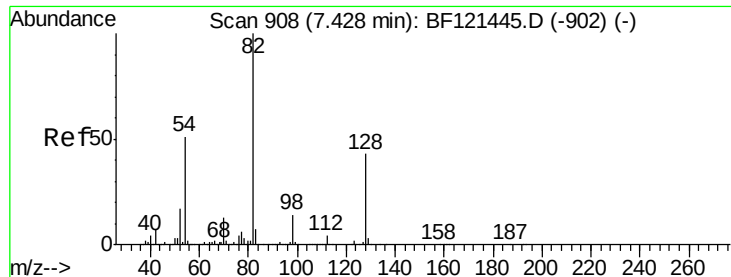
Abundance Ion 105.00 (104.70 to 105.70): E

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

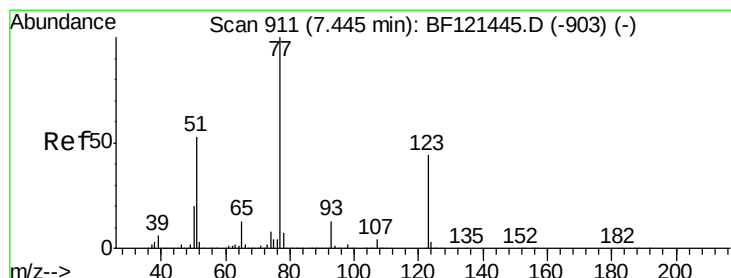
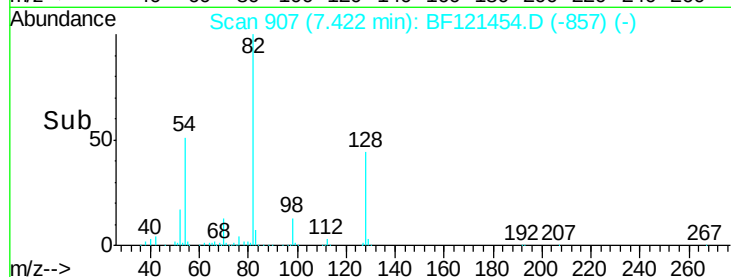
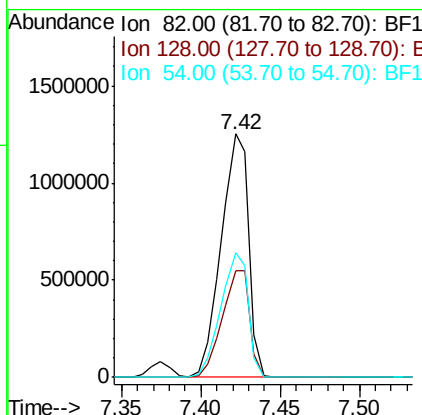
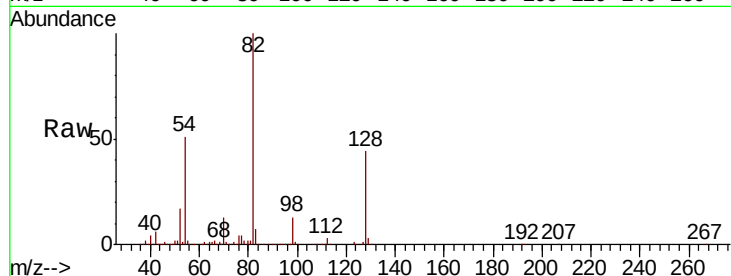




#23
 Nitrobenzene-d5
 Concen: 84.436 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

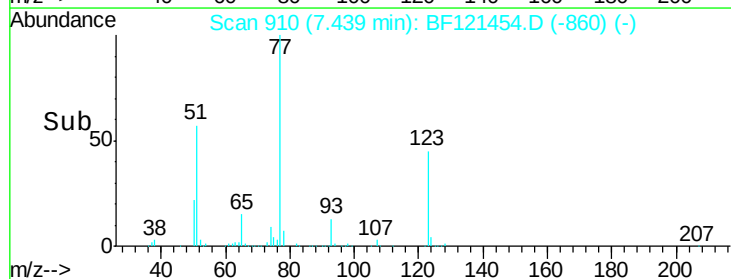
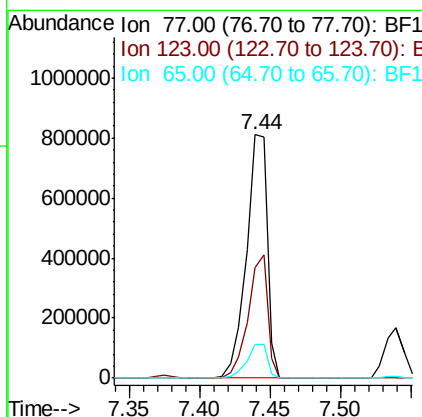
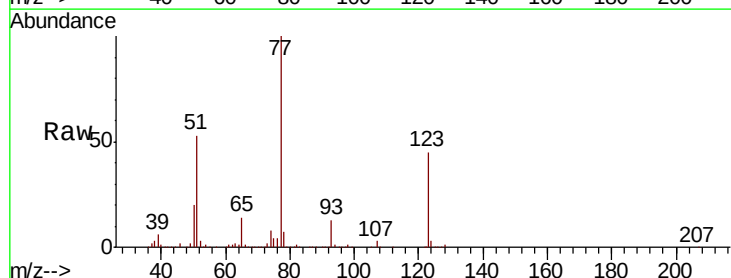
Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

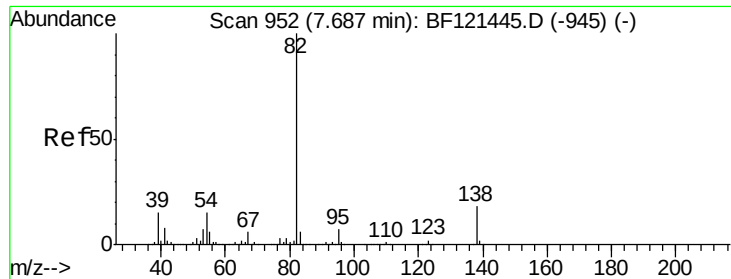
Tot Ion: 82 Resp: 1501564
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.1 51.1
 54 51.1 41.0 61.6



#24
 Nitrobenzene
 Concen: 47.222 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion: 77 Resp: 841764
 Ion Ratio Lower Upper
 77 100
 123 45.4 35.5 53.3
 65 13.6 10.6 16.0





#25

Isophorone

Concen: 40.815 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

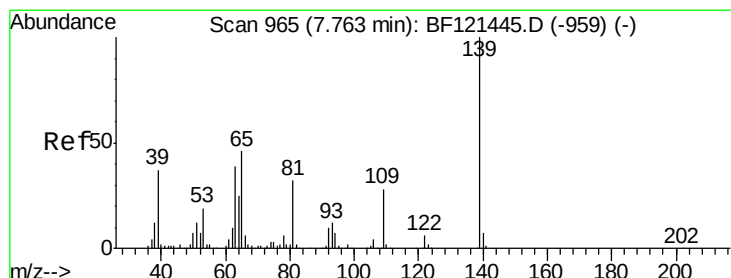
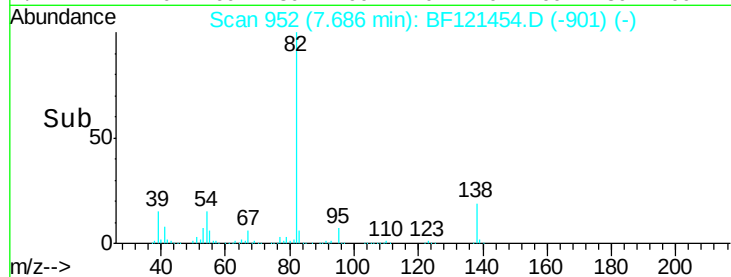
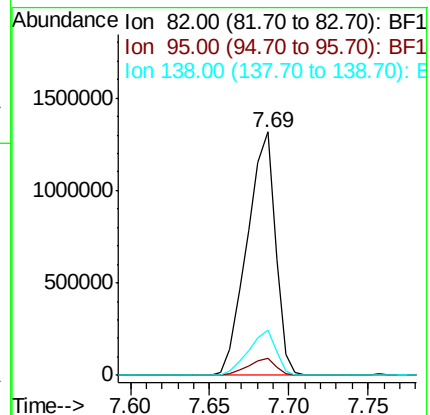
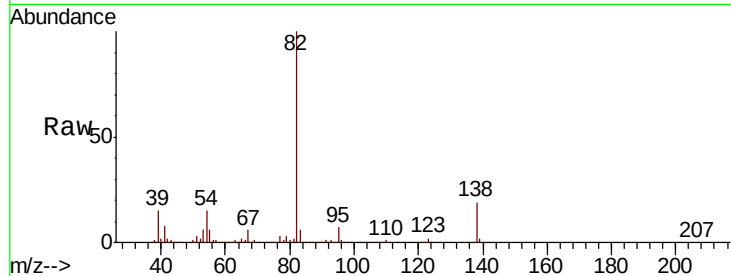
Tot Ion: 82 Resp: 1632559

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 18.8 14.8 22.2



#26

2-Nitrophenol

Concen: 48.400 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

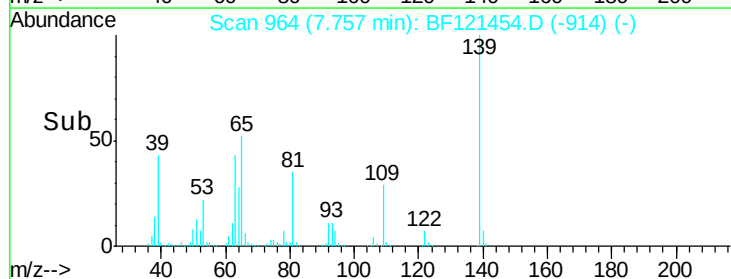
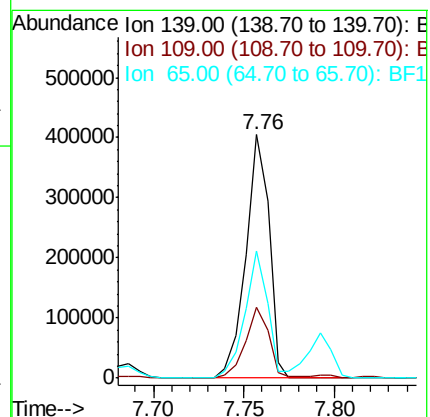
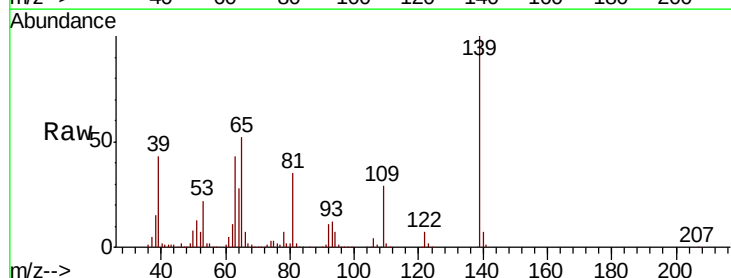
Tgt Ion: 139 Resp: 361111

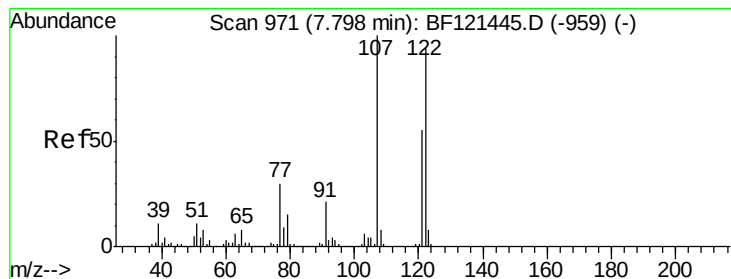
Ion Ratio Lower Upper

139 100

109 28.9 22.1 33.1

65 52.3 37.2 55.8

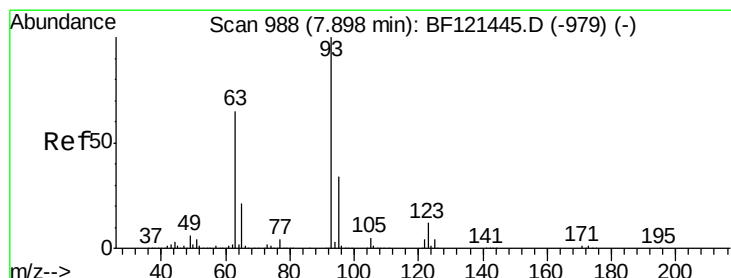
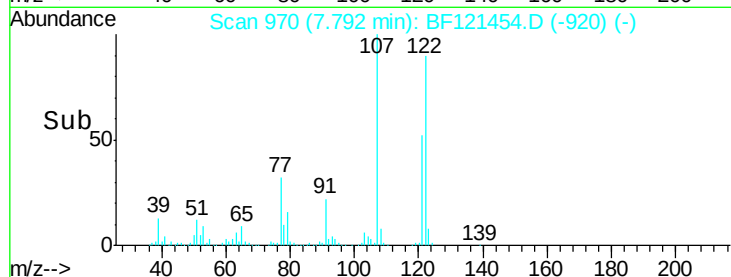
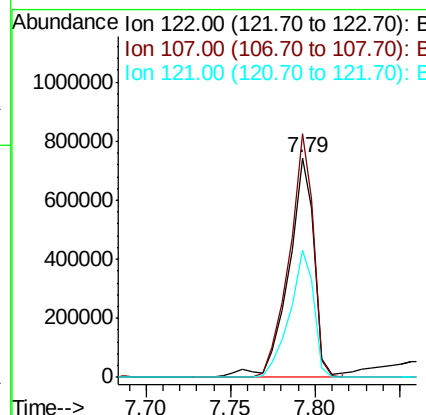
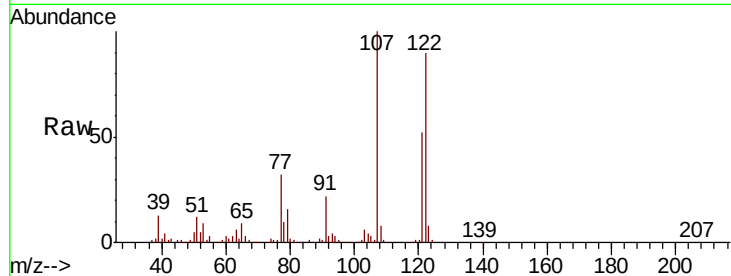




#27
 2,4-Dimethylphenol
 Concen: 47.350 ng
 RT: 7.79 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

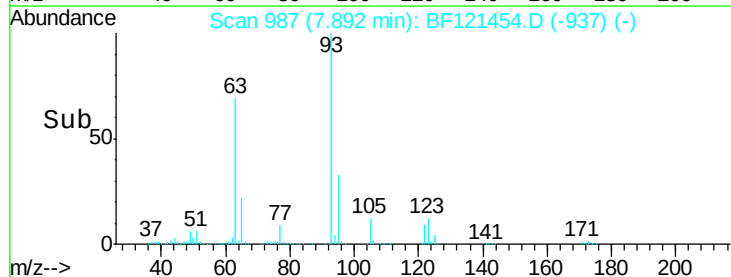
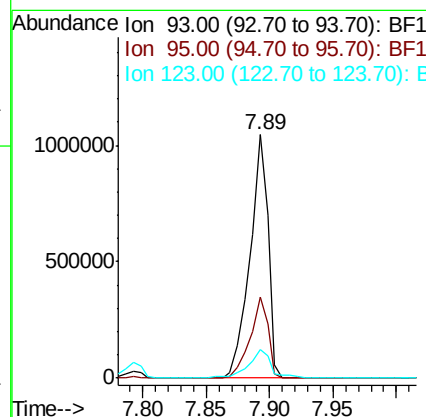
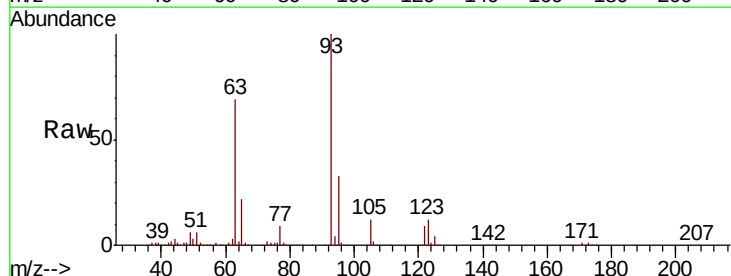
Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

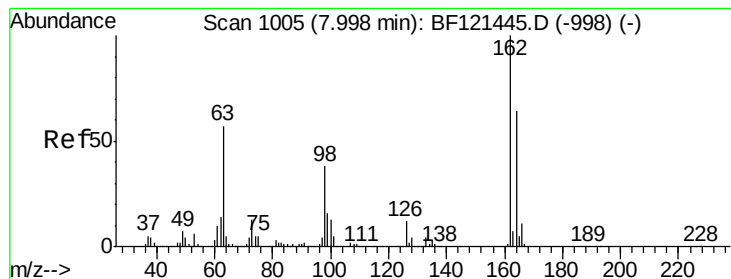
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.9	84.9	127.3
121	58.1	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.045 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.8	40.2
123	12.0	9.6	14.4





#29

2,4-Dichlorophenol

Concen: 42.955 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

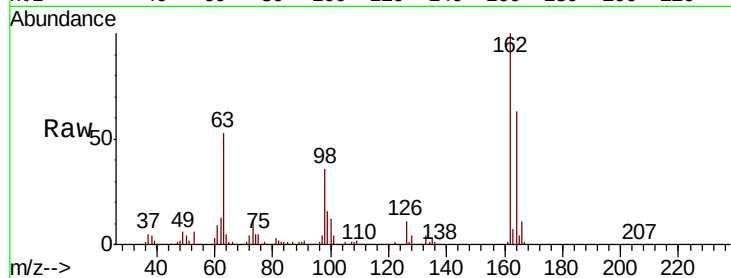
Tot Ion:162 Resp: 703618

Ion Ratio Lower Upper

162 100

164 63.4 44.0 84.0

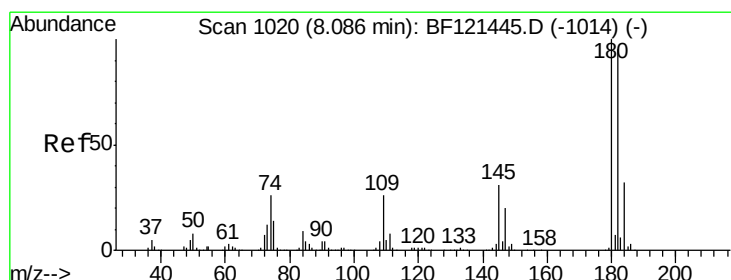
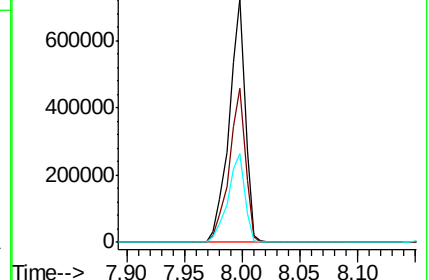
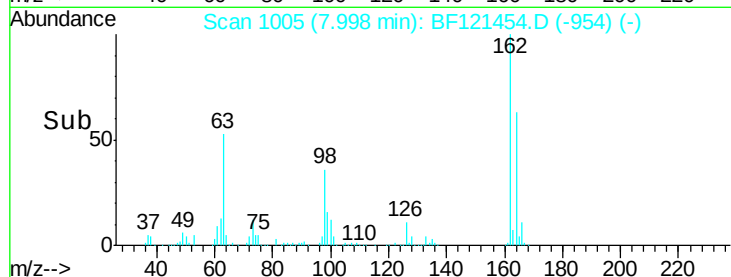
98 36.5 18.4 58.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 36.765 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

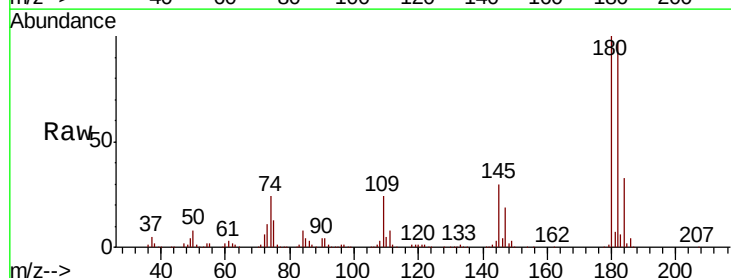
Tgt Ion:180 Resp: 737744

Ion Ratio Lower Upper

180 100

182 97.2 76.2 114.4

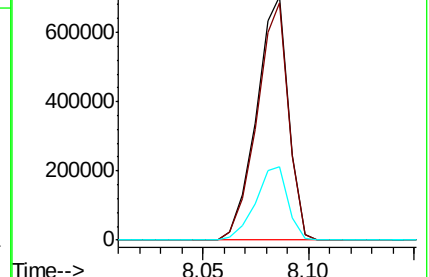
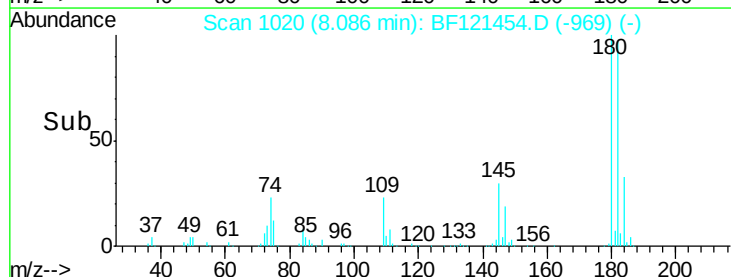
145 30.1 25.2 37.8

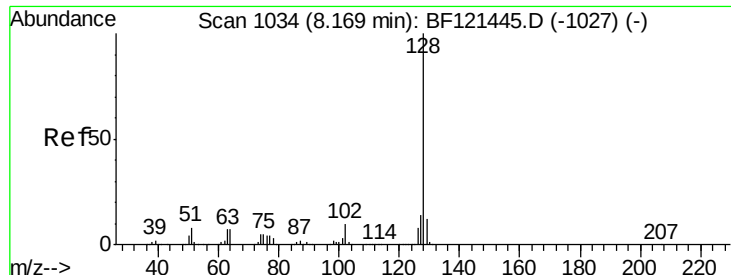


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

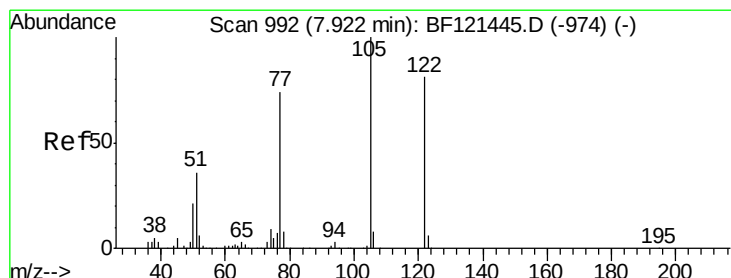
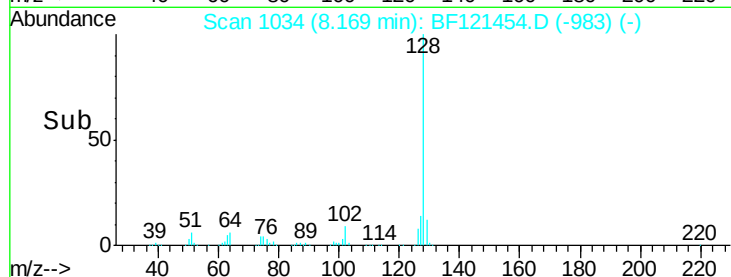
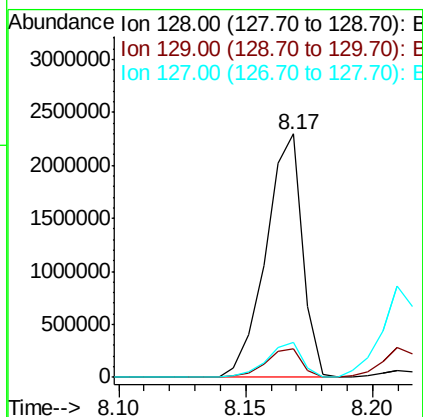
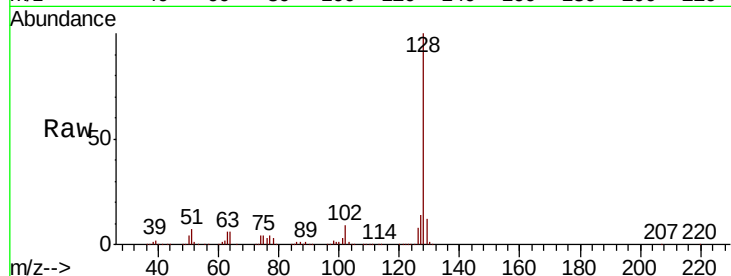




#31
Naphthalene
Concen: 38.374 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

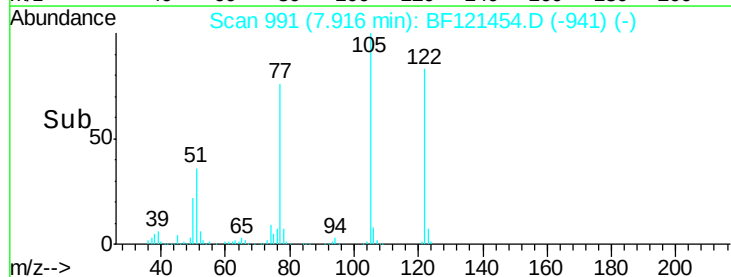
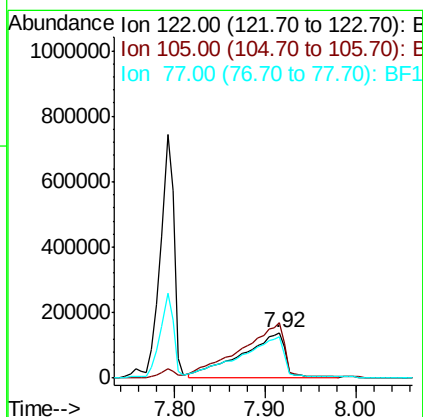
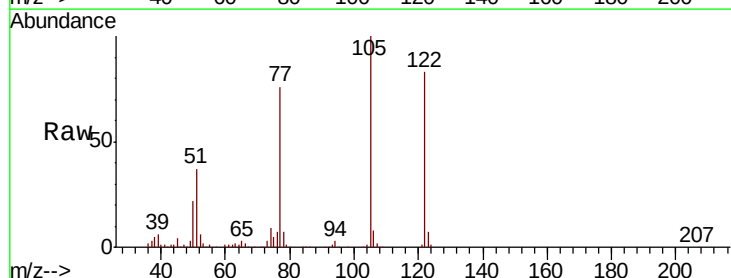
Instrument :
BNA_F
ClientSampleId :
PB131187BS

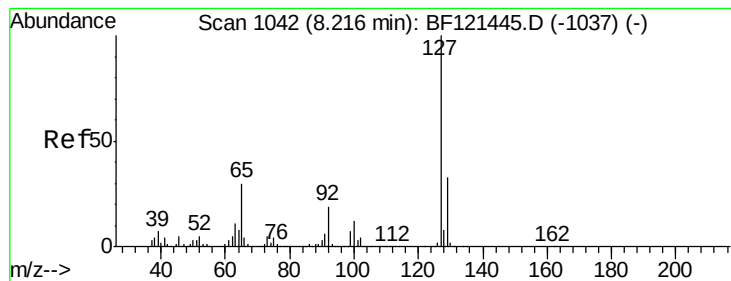
Tot Ion:128 Resp: 2316168
Ion Ratio Lower Upper
128 100
129 11.8 9.6 14.4
127 14.3 11.4 17.2



#32
Benzoic acid
Concen: 46.010 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion:122 Resp: 465464
Ion Ratio Lower Upper
122 100
105 120.9 100.8 140.8
77 91.8 71.5 111.5





#33

4-Chloroaniline

Concen: 30.712 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

Tot Ion:127 Resp: 825640

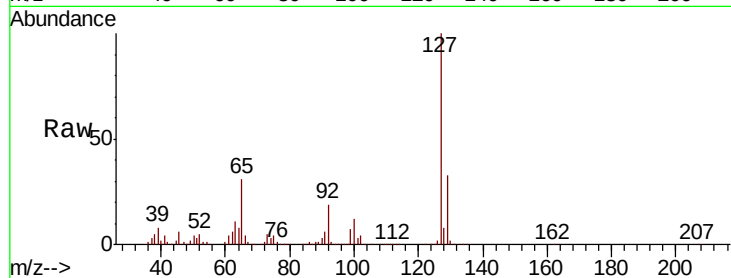
Ion Ratio Lower Upper

127 100

129 33.0 26.1 39.1

65 31.3 23.7 35.5

92 19.4 15.0 22.6

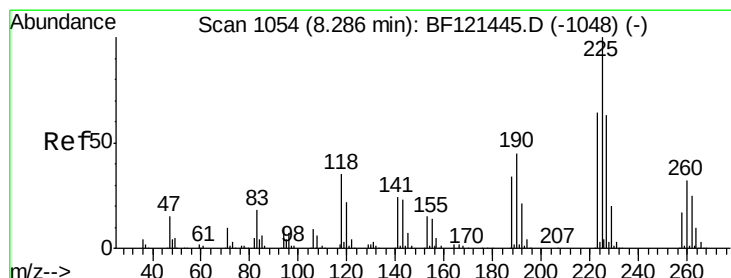
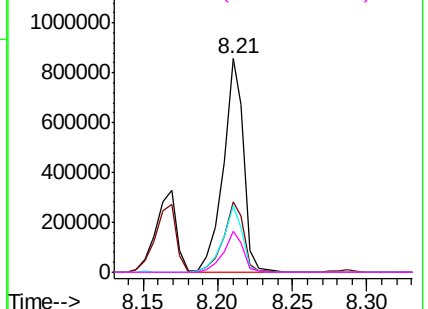
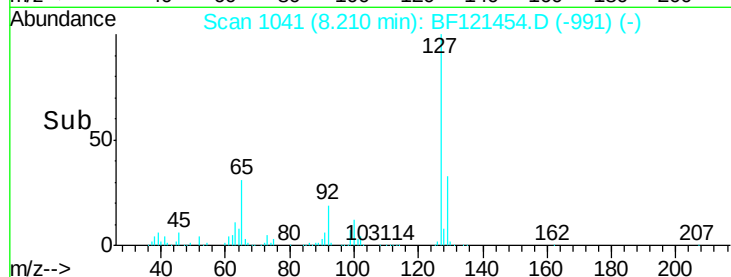


Abundance Ion 127.00 (126.70 to 127.70): E

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: 36.193 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

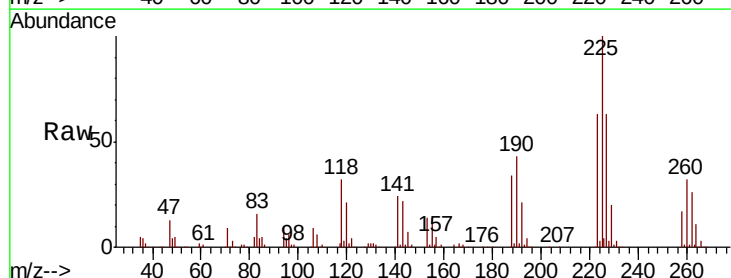
Tgt Ion:225 Resp: 431893

Ion Ratio Lower Upper

225 100

223 62.6 51.0 76.4

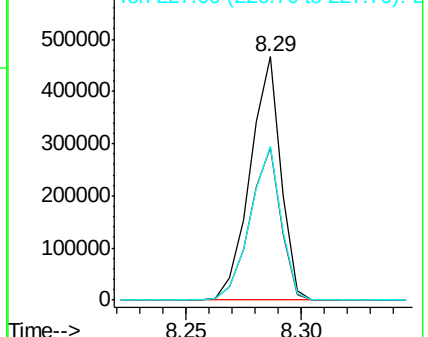
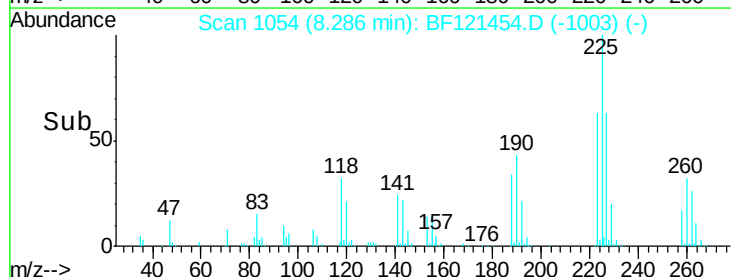
227 63.3 50.0 75.0

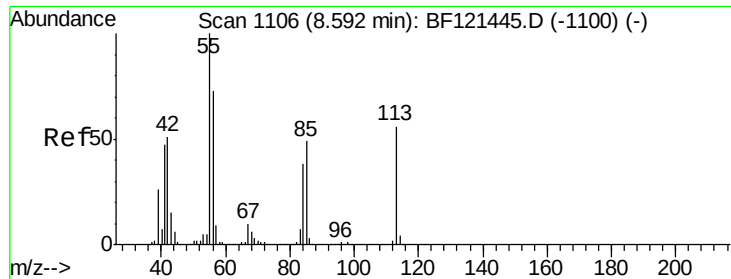


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

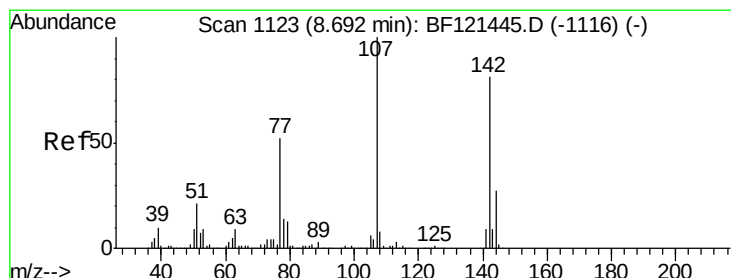
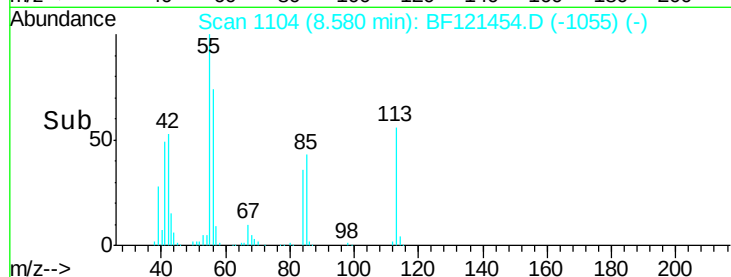
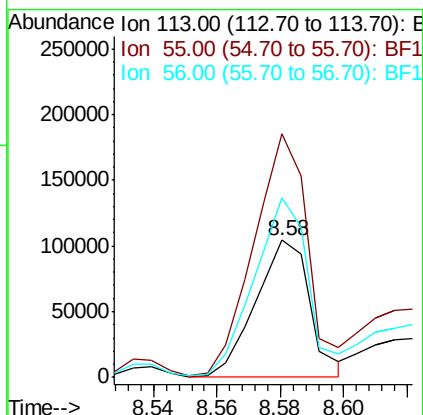
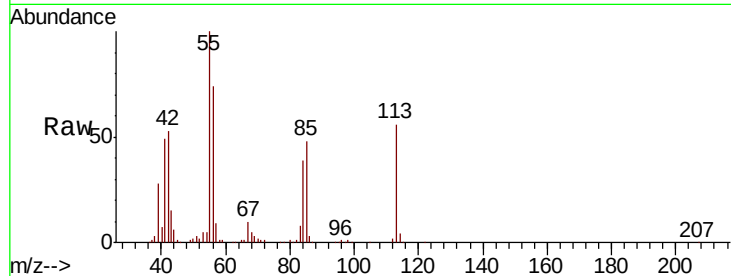




#35
 Caprolactam
 Concen: 23.356 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

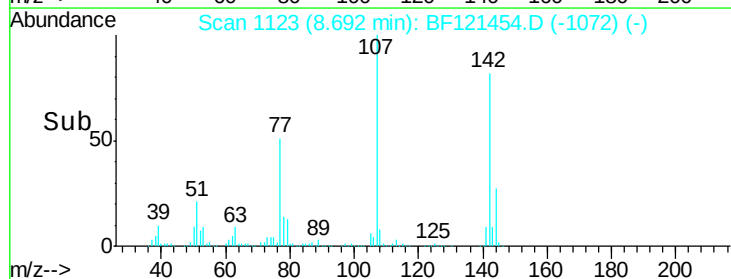
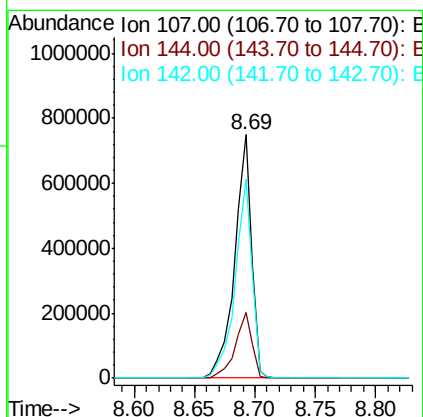
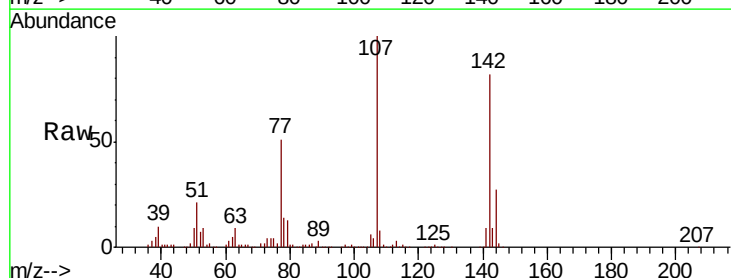
Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

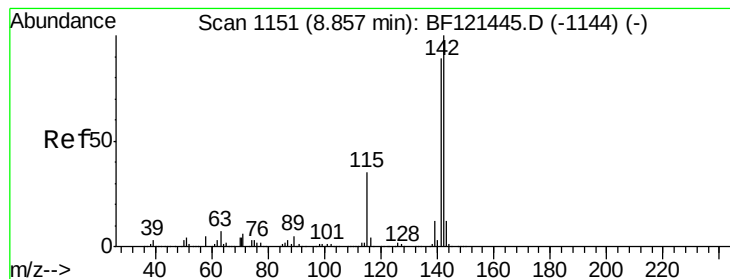
Tot Ion:113 Resp: 124779
 Ion Ratio Lower Upper
 113 100
 55 177.5 159.9 199.9
 56 131.3 111.4 151.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.549 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion:107 Resp: 734838
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.4 32.2
 142 81.6 65.0 97.4





#37

2-Methylnaphthalene

Concen: 40.276 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

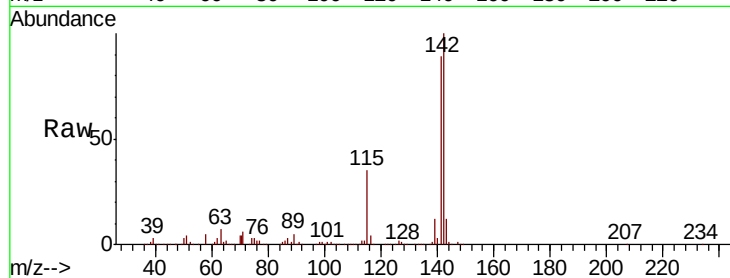
Tot Ion:142 Resp: 1610672

Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2

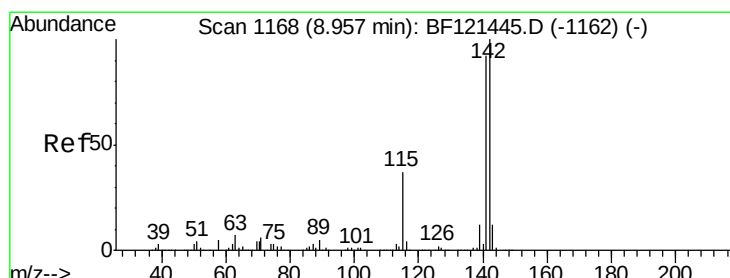
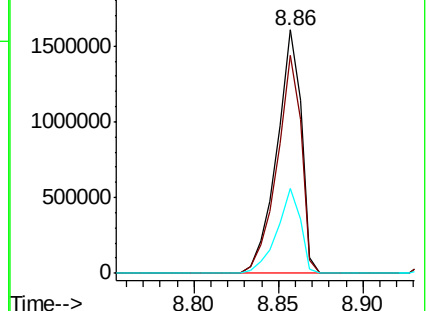
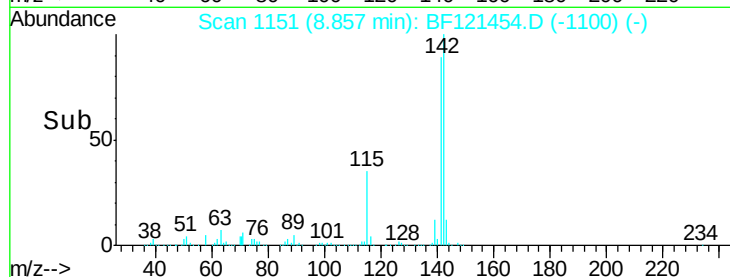
115 35.0 28.2 42.4



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



#38

1-Methylnaphthalene

Concen: 40.110 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

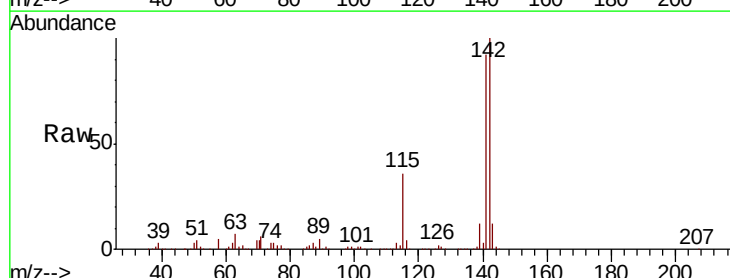
Tgt Ion:142 Resp: 1514599

Ion Ratio Lower Upper

142 100

141 91.6 73.7 110.5

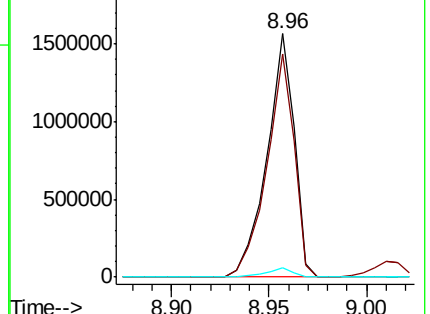
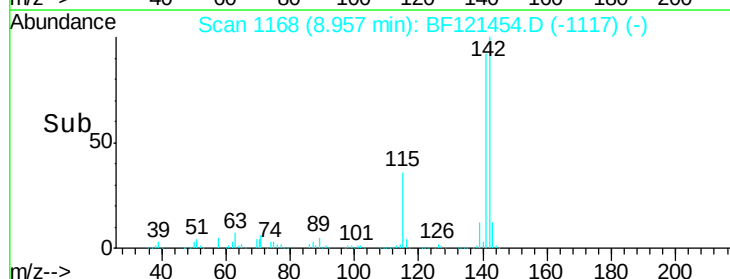
116 4.0 3.1 4.7

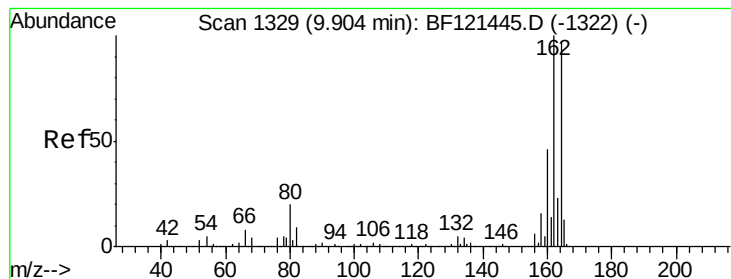


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

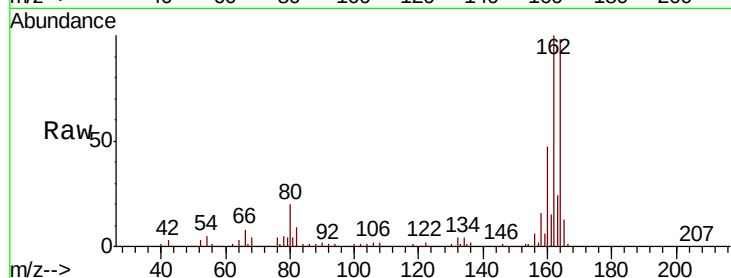
Tot Ion:164 Resp: 637255

Ion Ratio Lower Upper

164 100

162 101.9 82.4 123.6

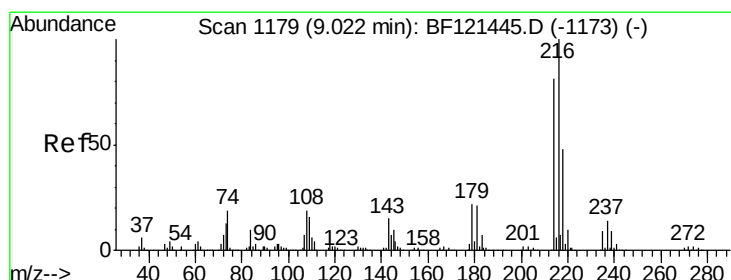
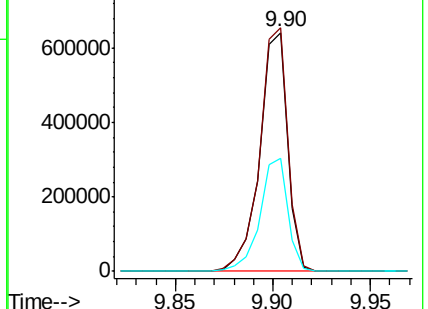
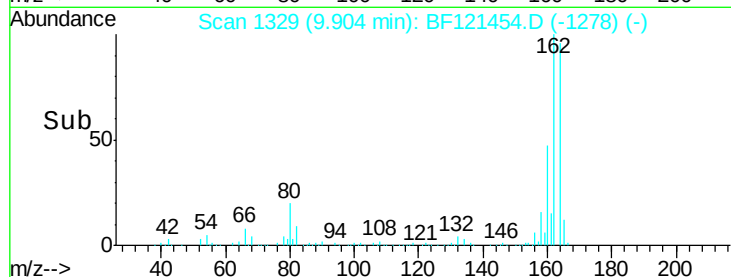
160 47.4 37.6 56.4



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: 37.839 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Tgt Ion:216 Resp: 714785

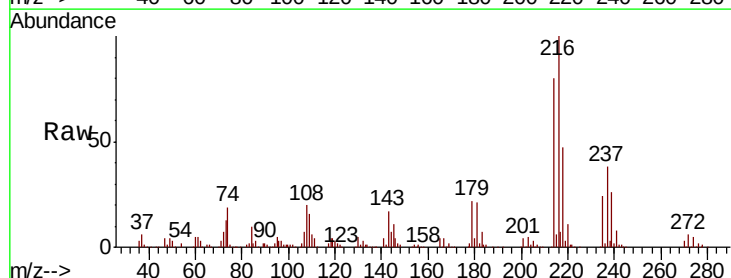
Ion Ratio Lower Upper

216 100

214 79.6 64.2 96.4

179 20.9 17.0 25.4

108 21.2 15.3 22.9

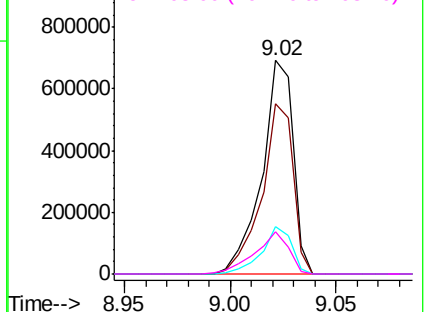
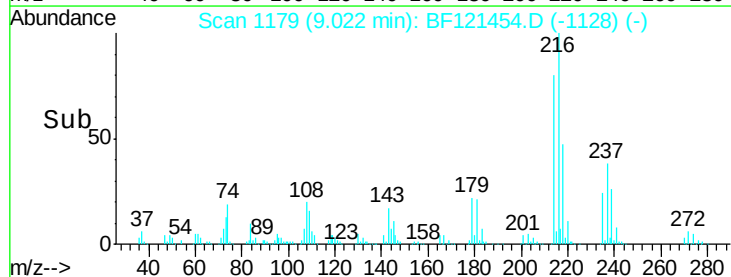


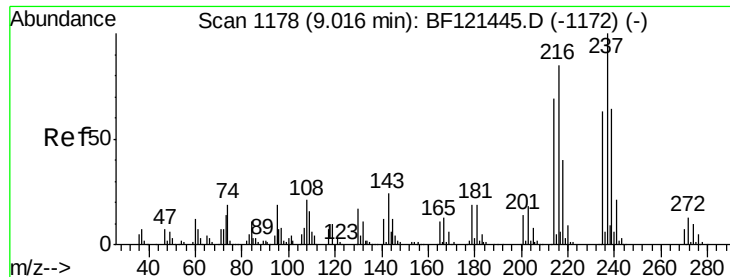
Abundance Ion 216.00 (215.70 to 216.70): E

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

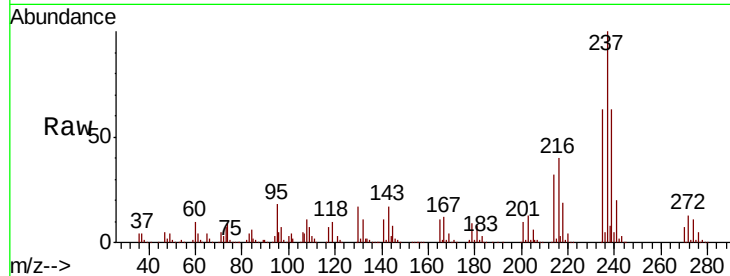




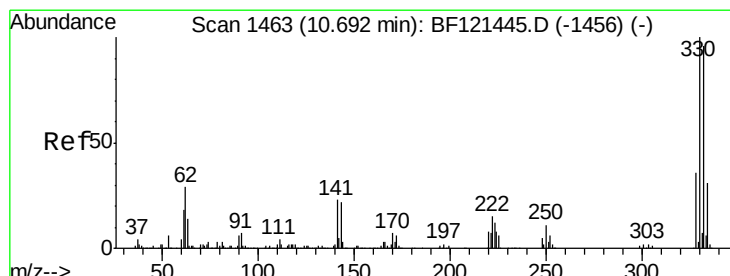
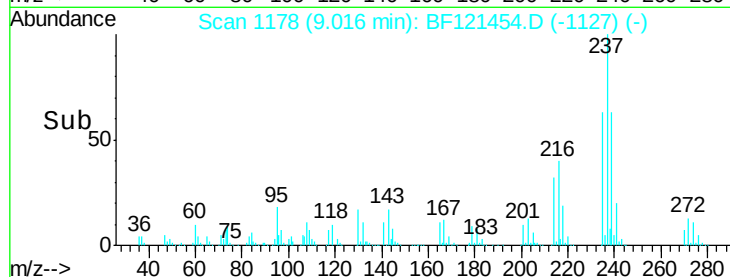
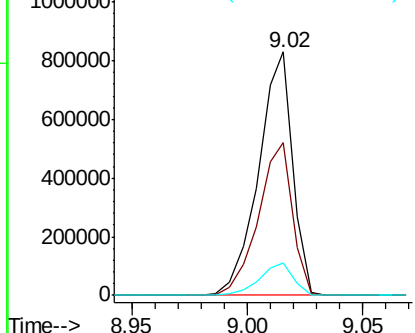
#41
Hexachlorocyclopentadiene
Concen: 106.899 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion:237 Resp: 849179
Ion Ratio Lower Upper
237 100
235 63.0 42.9 82.9
272 13.3 0.0 33.1

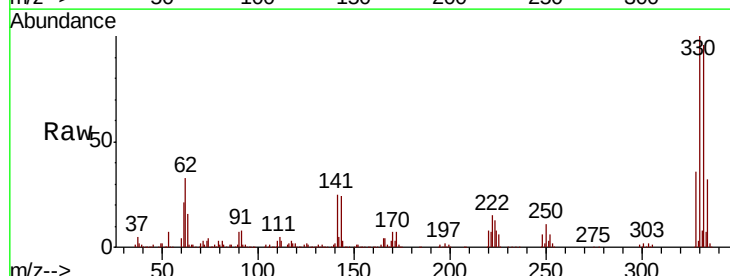


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

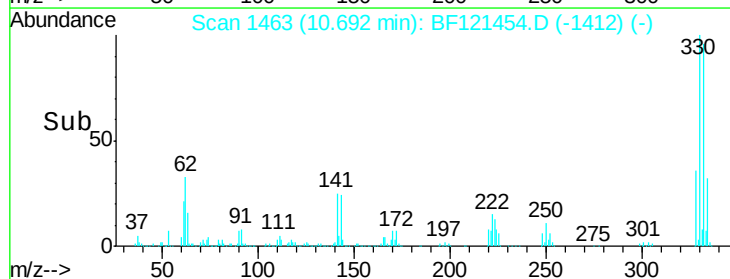
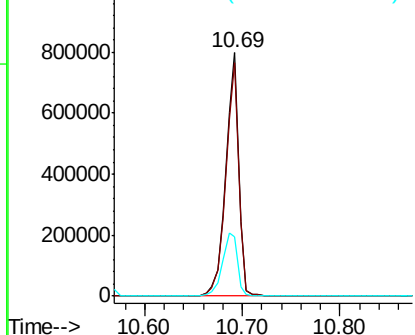


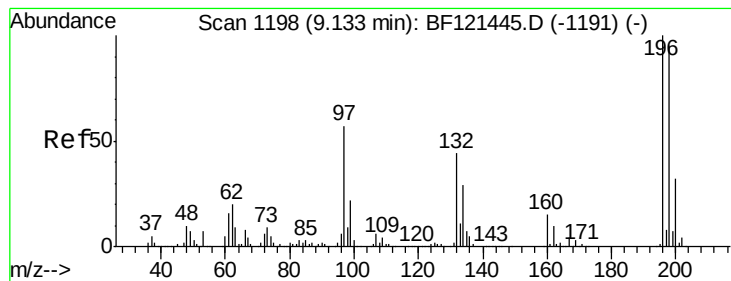
#42
2,4,6-Tribromophenol
Concen: 114.494 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion:330 Resp: 736951
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.2
141 30.2 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: 43.323 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampled :

PB131187BS

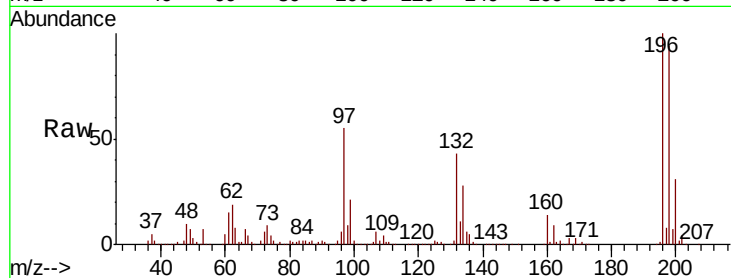
Tot Ion:196 Resp: 517263

Ion Ratio Lower Upper

196 100

198 94.4 75.8 113.6

200 31.3 25.3 37.9

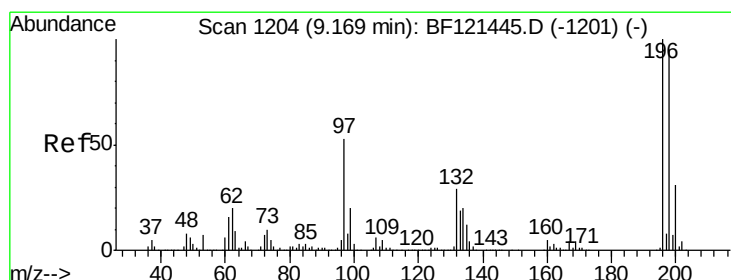
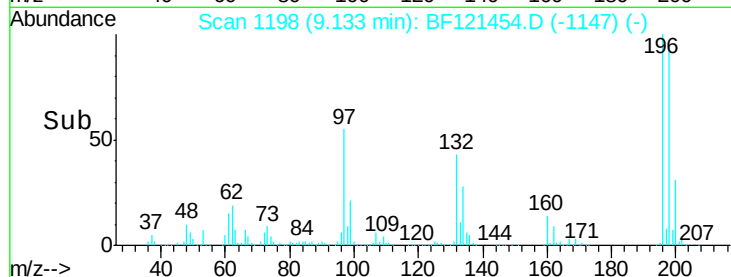
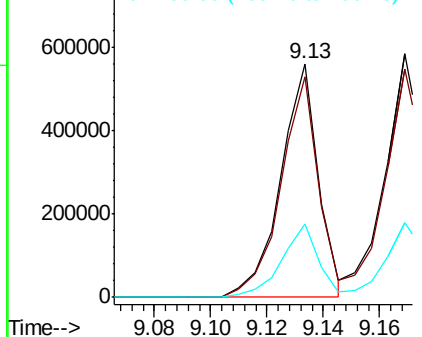


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 47.046 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Tgt Ion:196 Resp: 555450

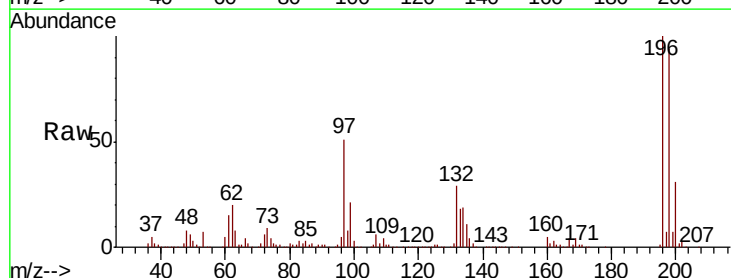
Ion Ratio Lower Upper

196 100

198 93.6 76.2 114.2

97 51.1 42.6 64.0

132 28.9 23.5 35.3



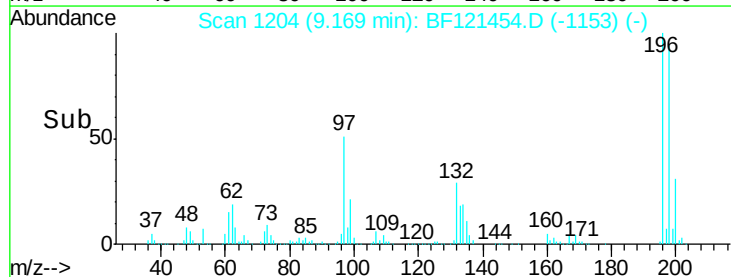
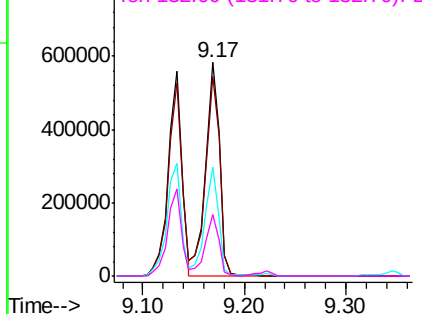
Abundance

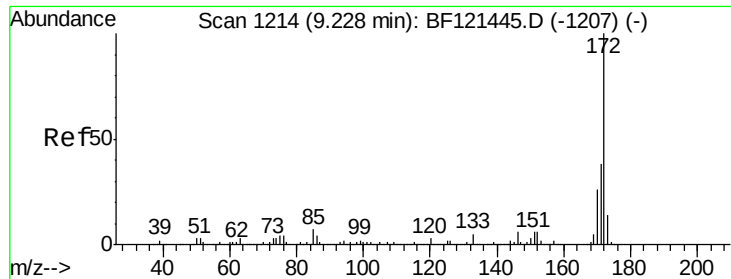
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



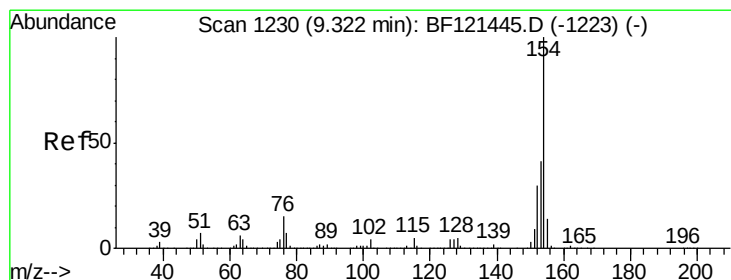
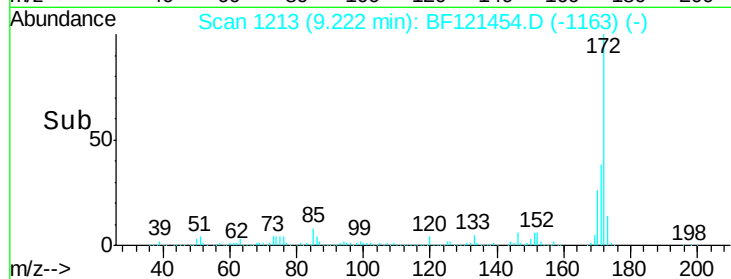
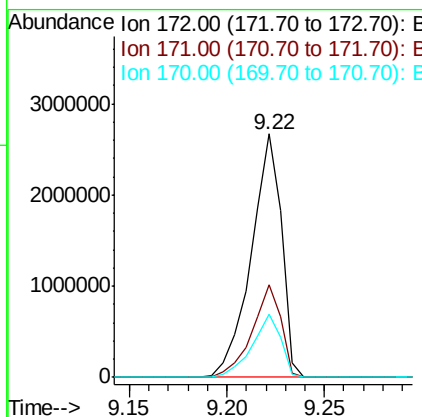
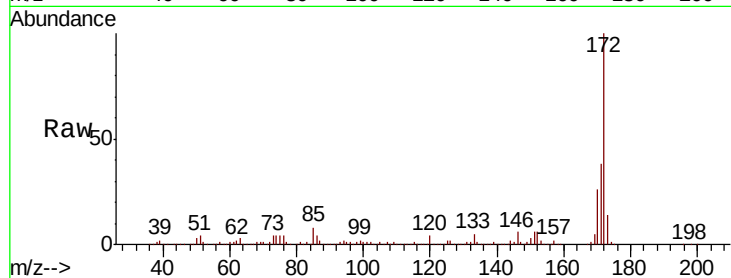


#45
 2-Fluorobiphenyl
 Concen: 72.442 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

Tot Ion:172 Resp: 2861069

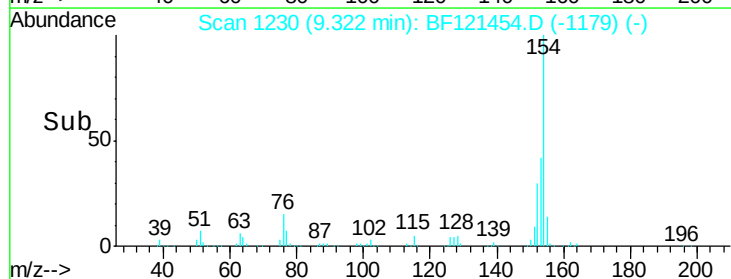
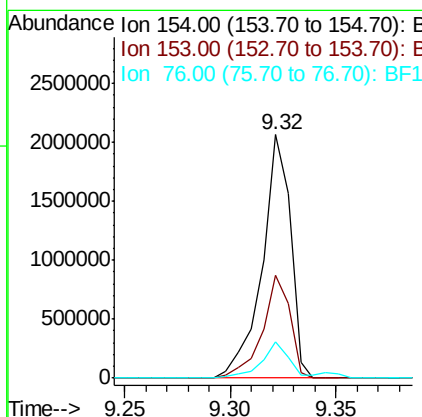
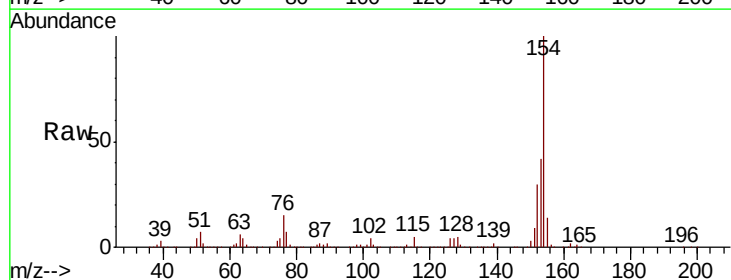
Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.6	45.8
170	25.9	20.6	31.0

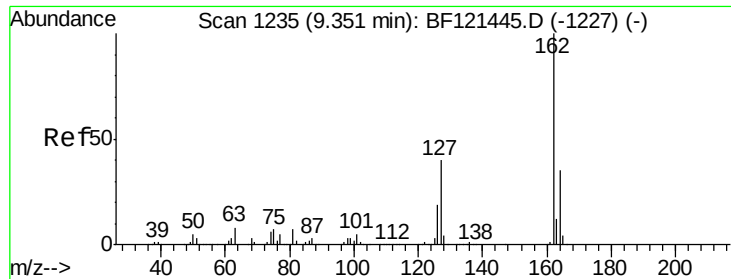


#46
 1,1'-Biphenyl
 Concen: 40.181 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion:154 Resp: 1932195

Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.2	61.2
76	14.8	0.0	35.2

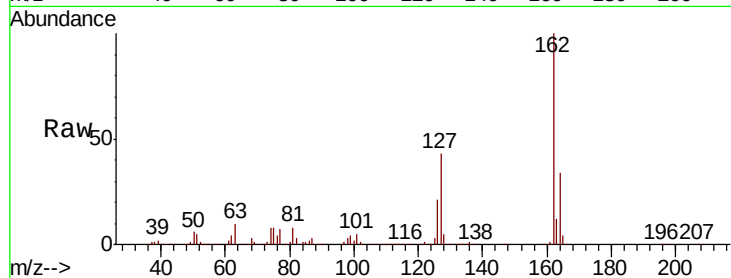




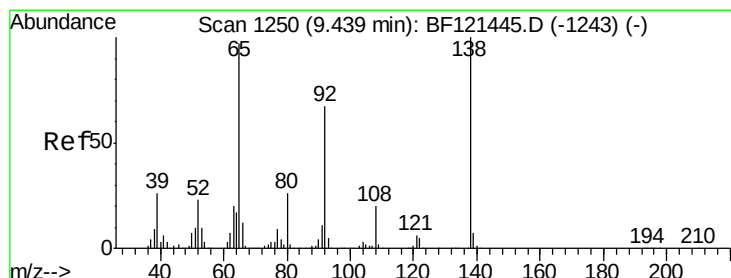
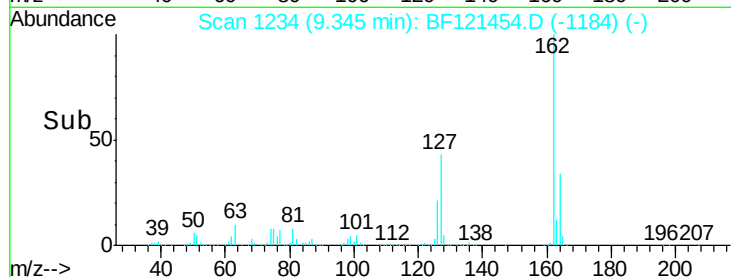
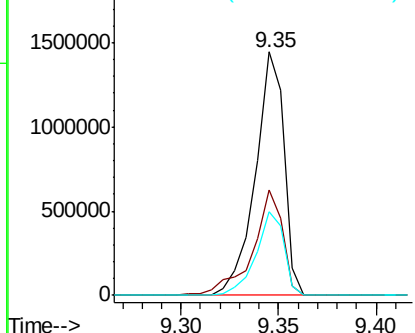
#47
 2-Chloronaphthalene
 Concen: 37.234 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

Tot Ion:162 Resp: 1471705
 Ion Ratio Lower Upper
 162 100
 127 43.0 32.6 48.8
 164 34.1 27.8 41.6

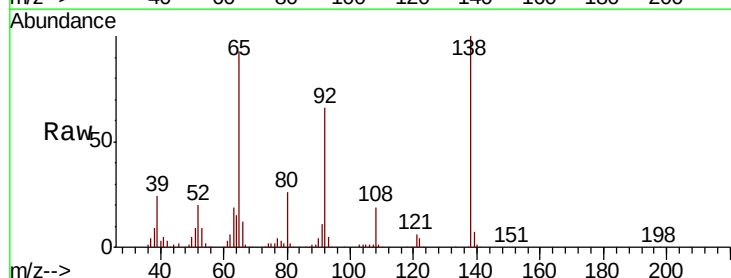


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

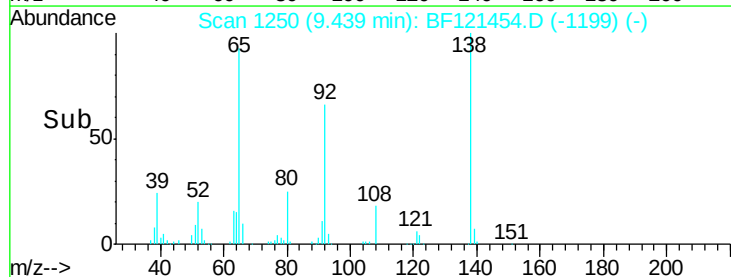
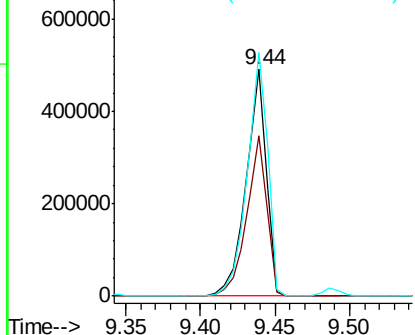


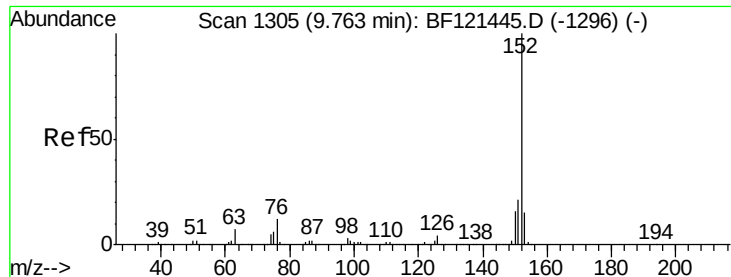
#48
 2-Nitroaniline
 Concen: 42.256 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion: 65 Resp: 458539
 Ion Ratio Lower Upper
 65 100
 92 70.8 55.6 83.4
 138 107.3 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: 40.743 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

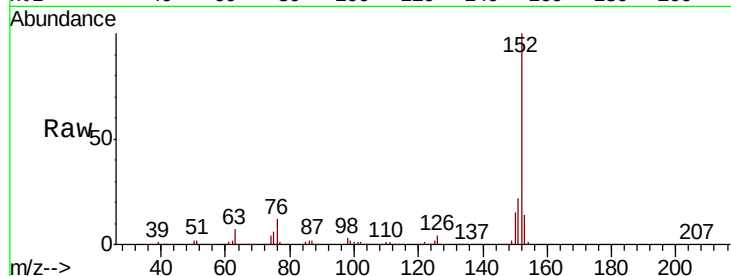
Tot Ion:152 Resp: 2415524

Ion Ratio Lower Upper

152 100

151 21.6 17.2 25.8

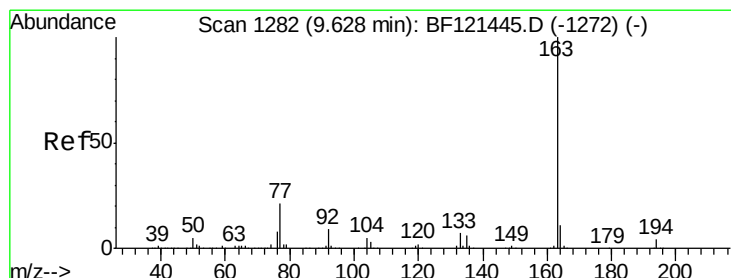
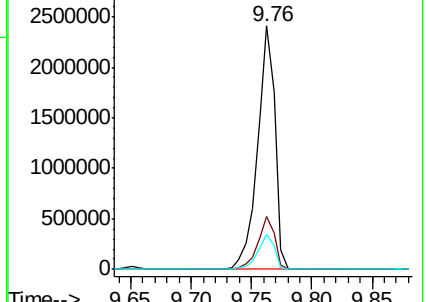
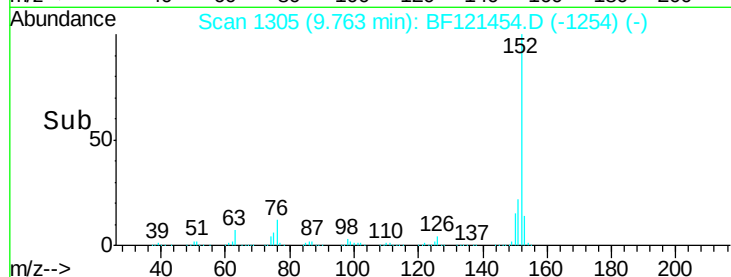
153 14.2 11.6 17.4



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: 39.915 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

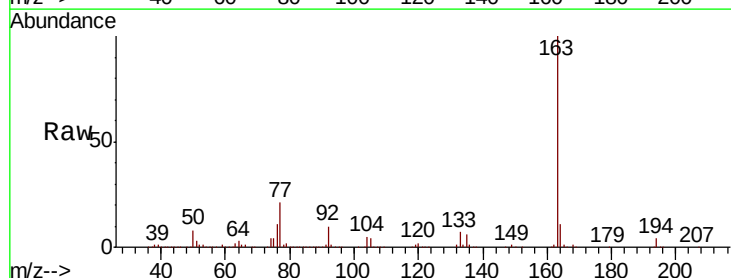
Tgt Ion:163 Resp: 1747219

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

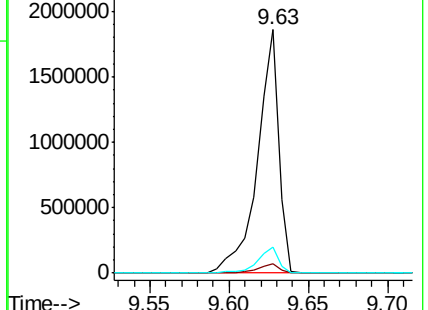
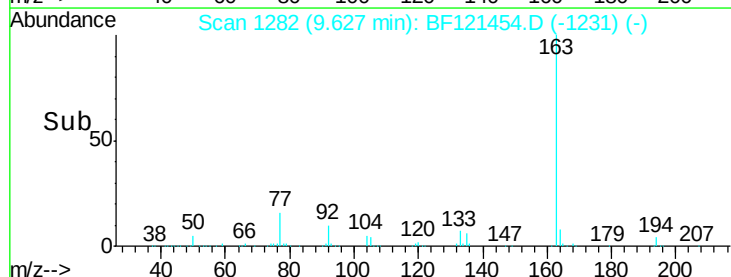
164 10.5 8.6 12.8

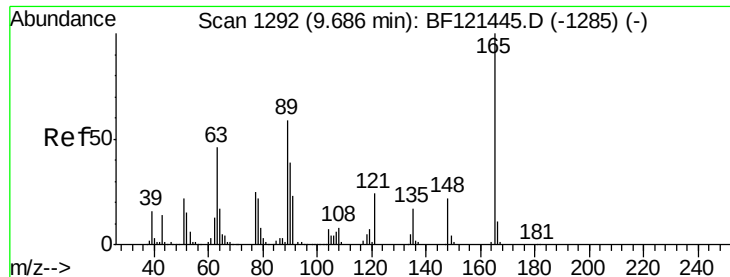


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

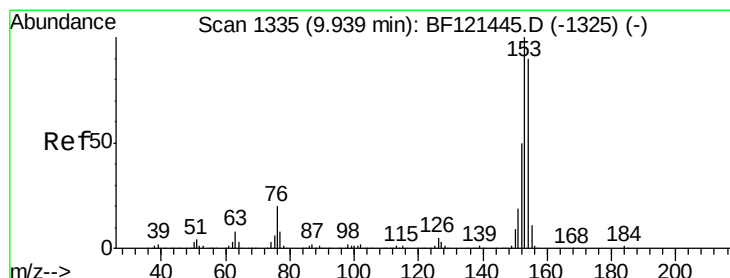
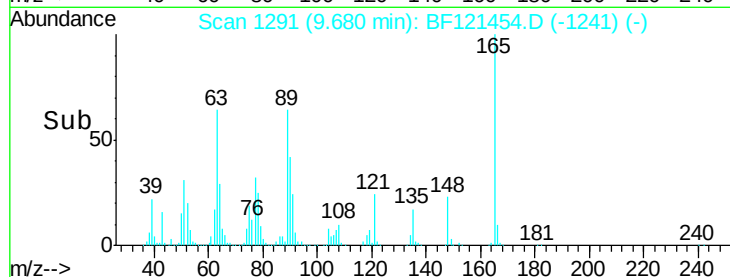
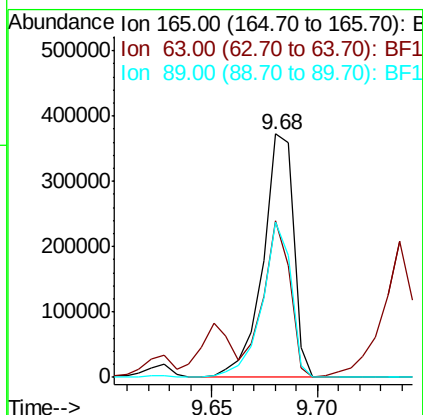
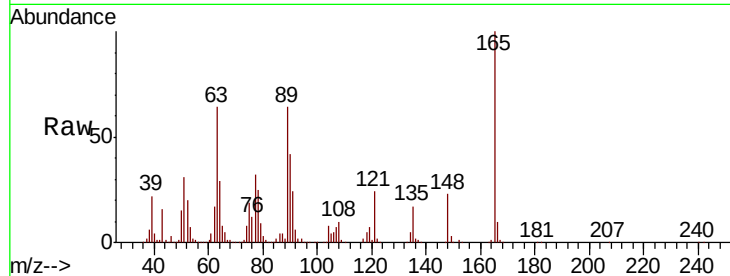




#51
 2,6-Dinitrotoluene
 Concen: 46.296 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

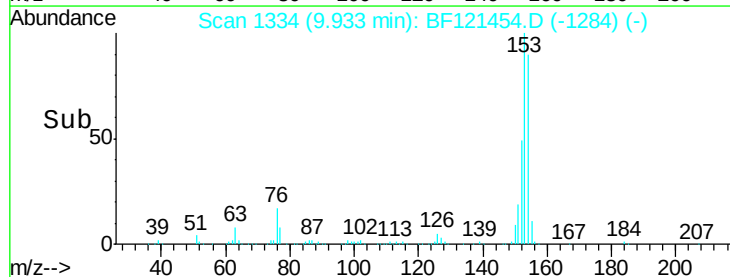
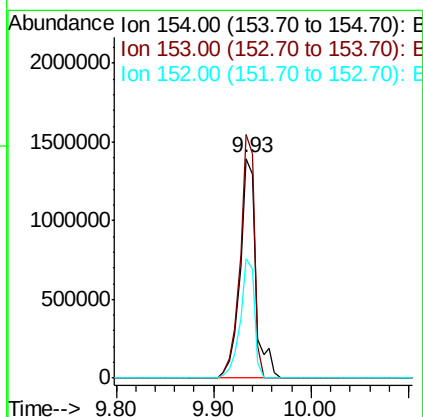
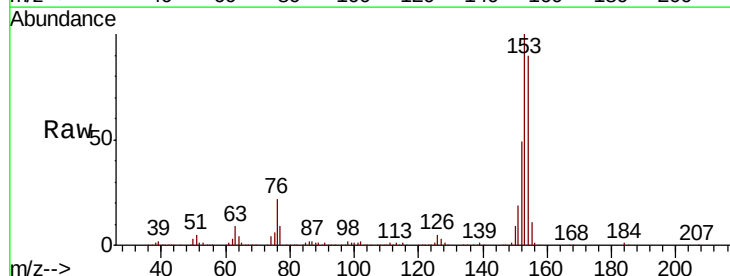
Instrument :
 BNA_F
 ClientSampleID :
 PB131187BS

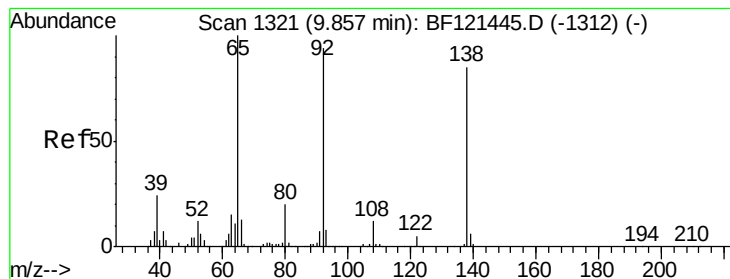
Tot Ion:165 Resp: 377655
 Ion Ratio Lower Upper
 165 100
 63 64.5 43.6 65.4
 89 63.6 47.4 71.2



#52
 Acenaphthene
 Concen: 42.119 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion:154 Resp: 1576770
 Ion Ratio Lower Upper
 154 100
 153 110.9 88.9 133.3
 152 54.5 44.1 66.1





#53

3-Nitroaniline

Concen: 32.800 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

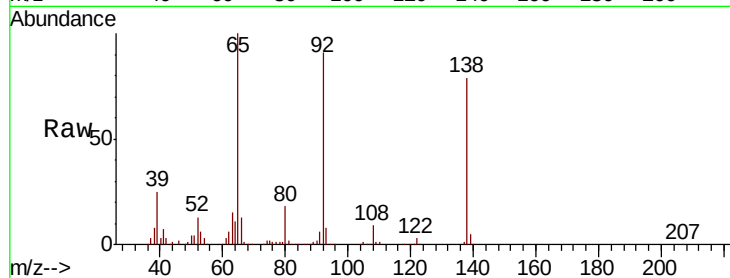
Tot Ion:138 Resp: 322480

Ion Ratio Lower Upper

138 100

108 11.3 11.6 17.4#

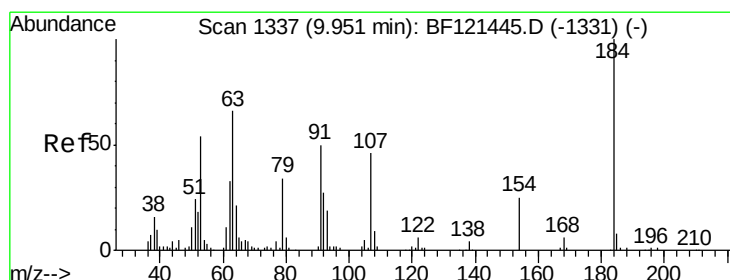
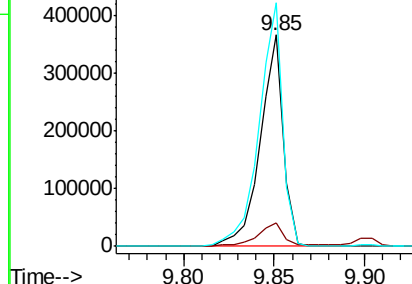
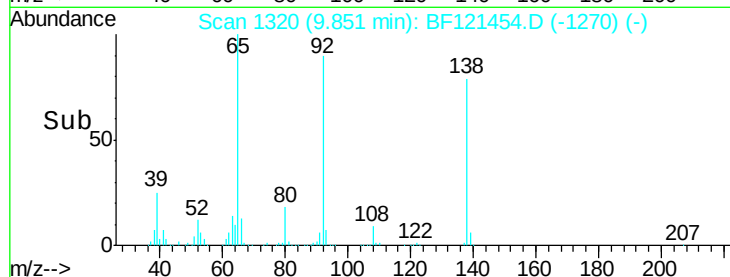
92 115.2 88.6 132.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 76.506 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

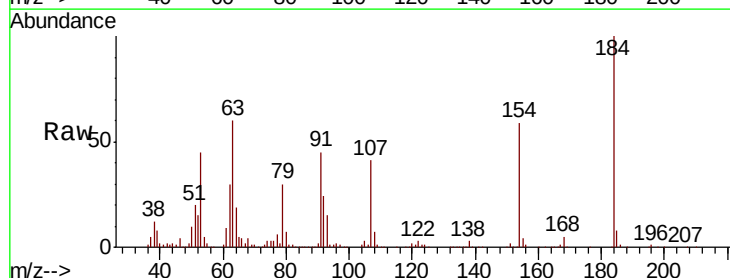
Tgt Ion:184 Resp: 279816

Ion Ratio Lower Upper

184 100

63 59.6 56.8 85.2

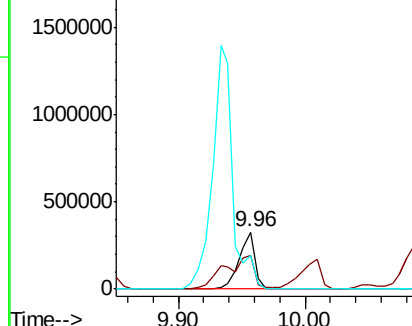
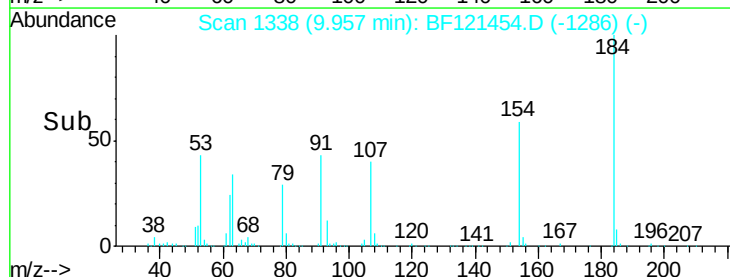
154 59.4 55.9 83.9

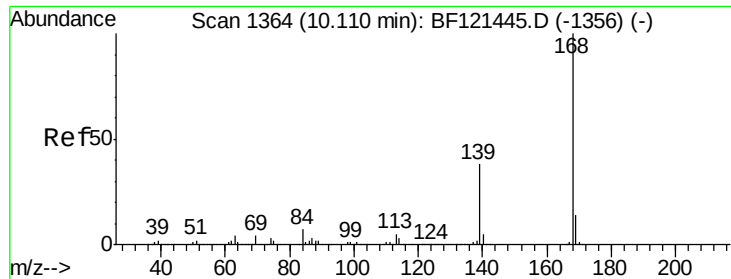


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

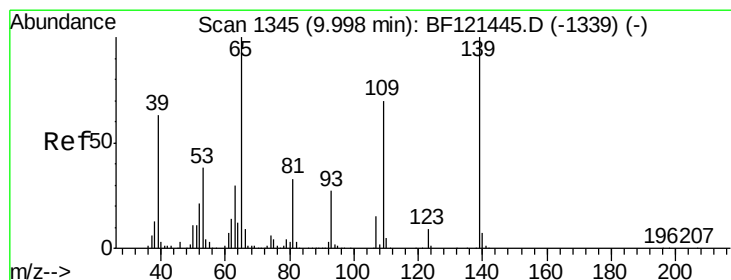
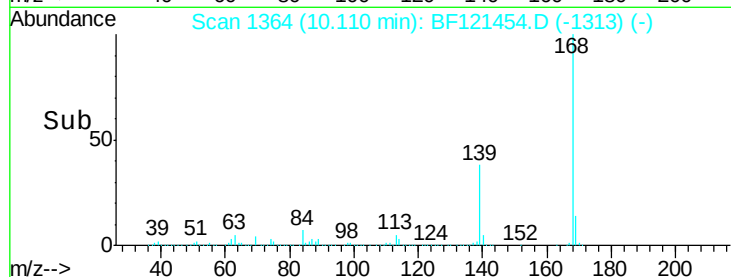
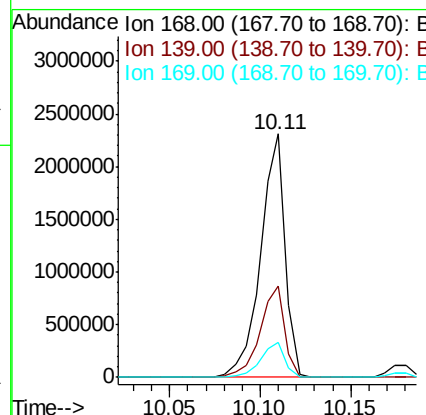
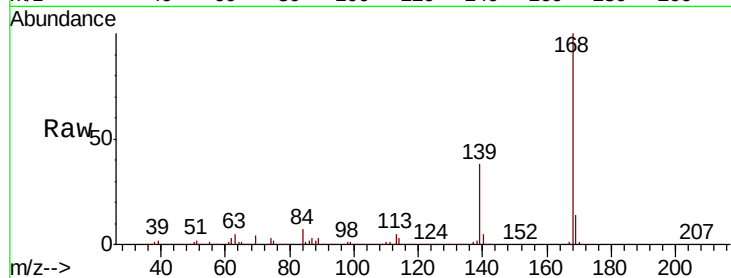




#55
Dibenzofuran
Concen: 39.666 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

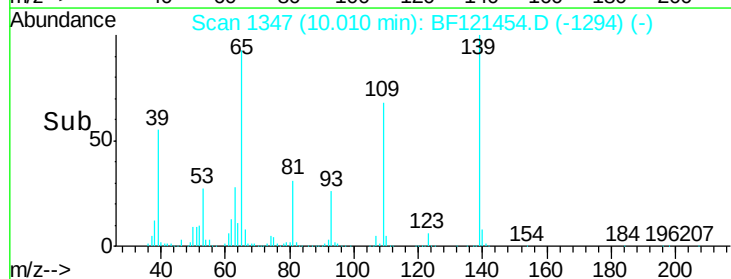
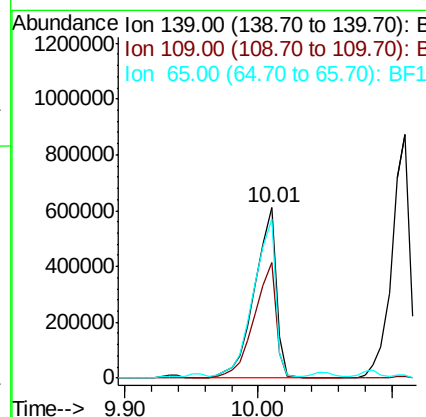
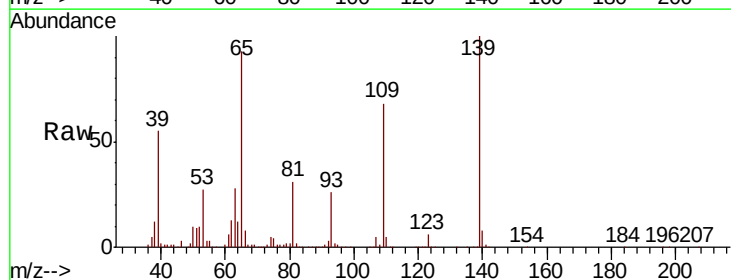
Instrument :
BNA_F
ClientSampleId :
PB131187BS

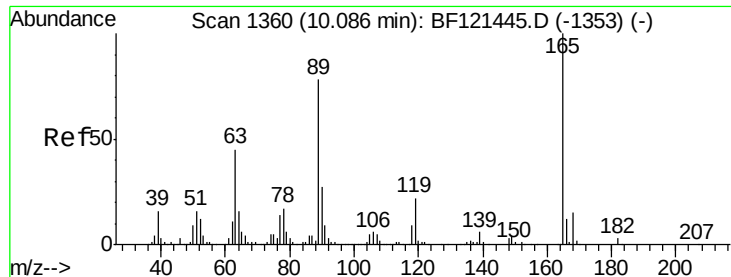
Tot Ion:168 Resp: 2157028
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 14.2 11.2 16.8



#56
4-Nitrophenol
Concen: 80.036 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion:139 Resp: 676480
Ion Ratio Lower Upper
139 100
109 67.9 50.5 90.5
65 93.5 80.2 120.2





#57

2,4-Dinitrotoluene

Concen: 46.876 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

Tot Ion:165 Resp: 471388

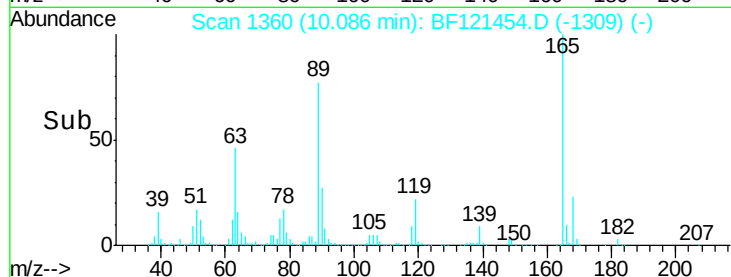
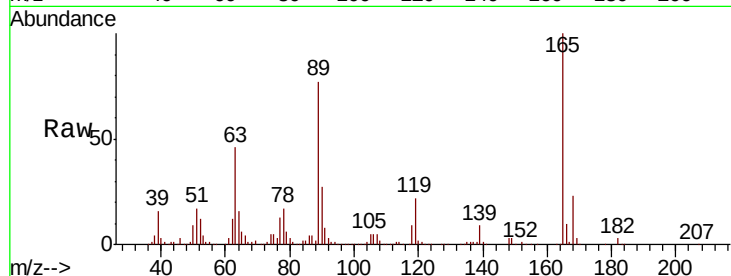
Ion Ratio Lower Upper

165 100

63 46.4 36.0 54.0

89 76.9 62.6 93.8

182 2.5 2.2 3.2

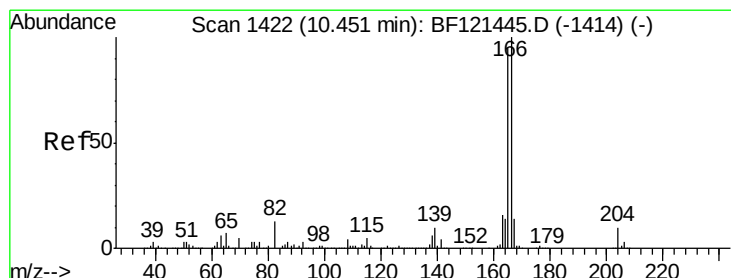
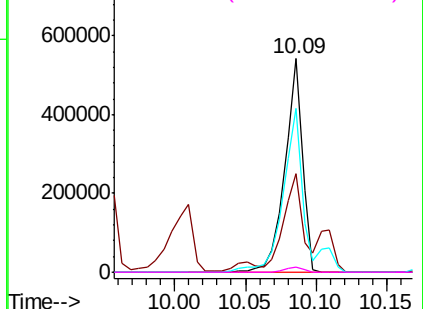


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.976 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

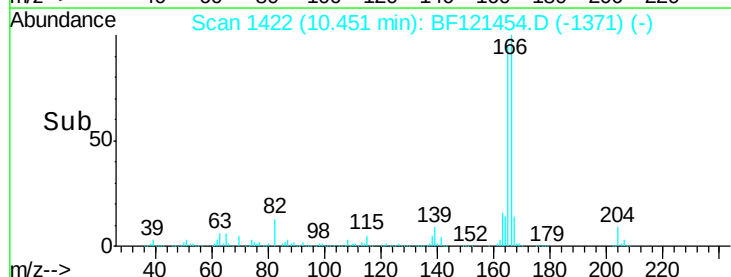
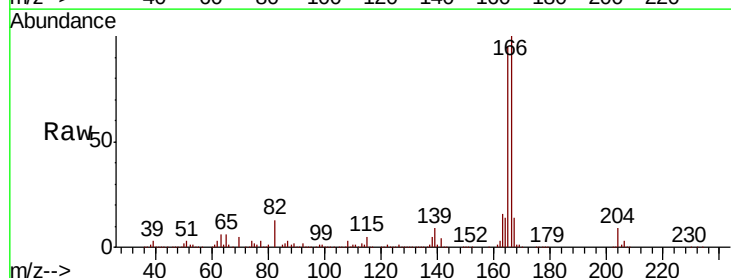
Tgt Ion:166 Resp: 1597795

Ion Ratio Lower Upper

166 100

165 95.3 75.7 113.5

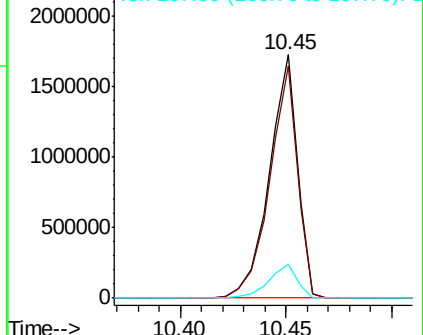
167 13.7 11.1 16.7

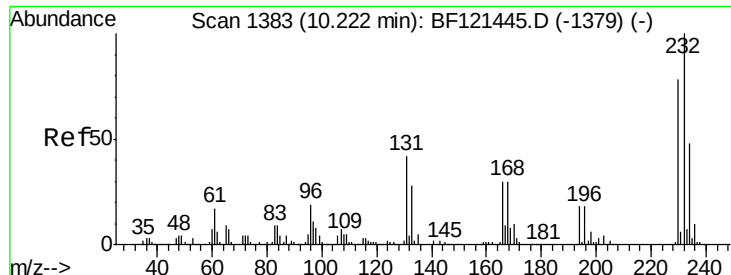


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

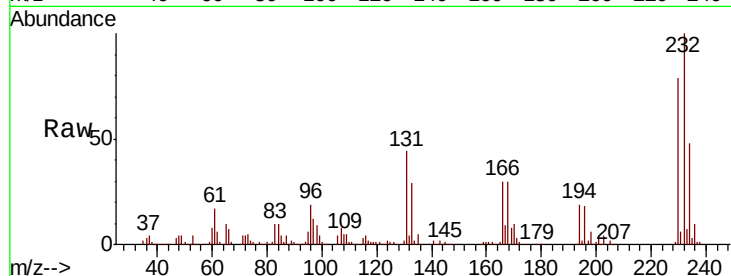




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.096 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.8	35.7	53.5
130	2.2	1.8	2.6
166	30.2	24.1	36.1



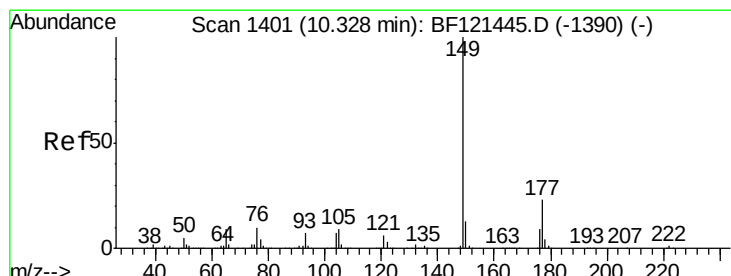
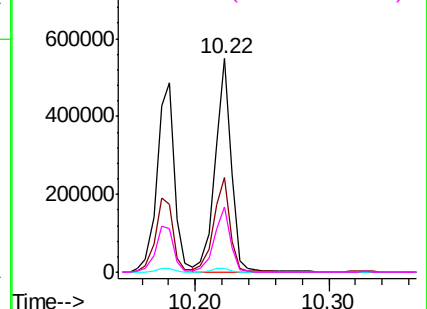
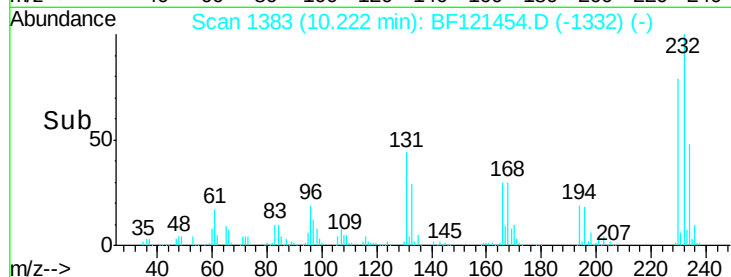
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

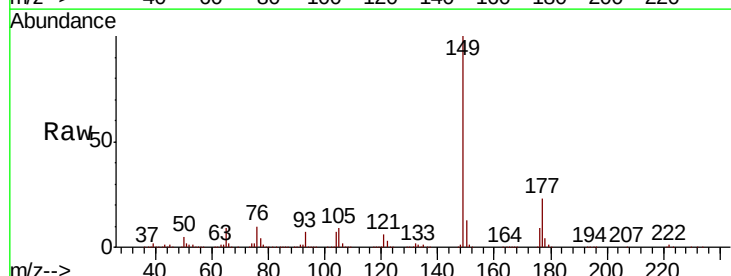
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.005 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.3	27.5
150	13.0	10.4	15.6

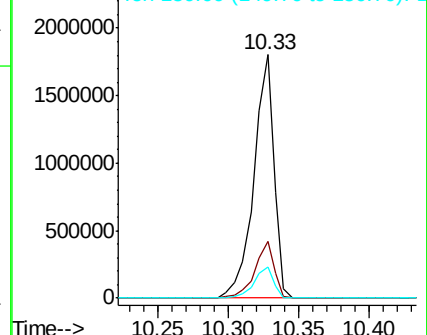
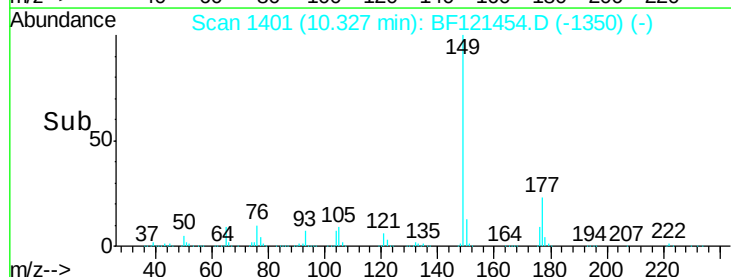


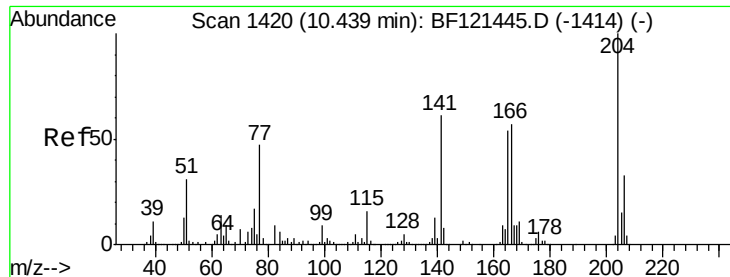
Abundance

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

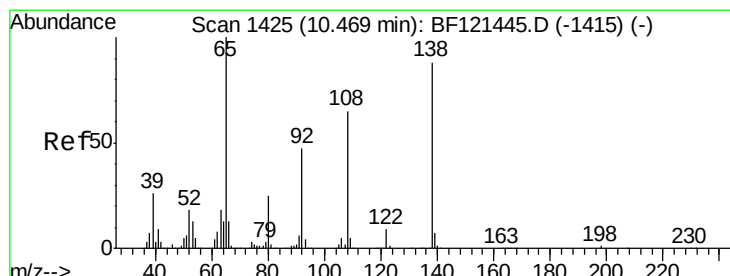
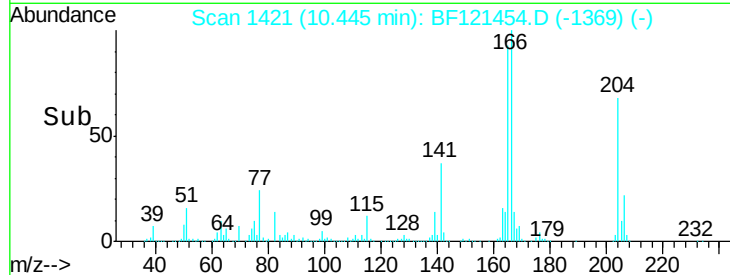
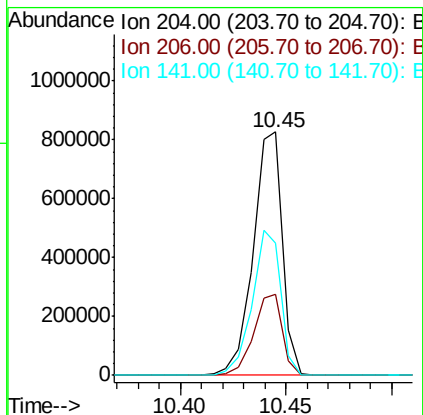
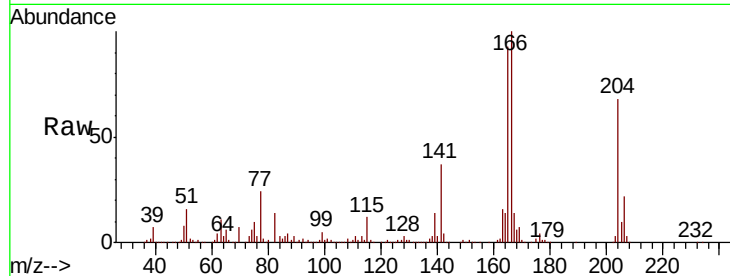




#61
 4-Chlorophenyl-phenylether
 Concen: 38.788 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

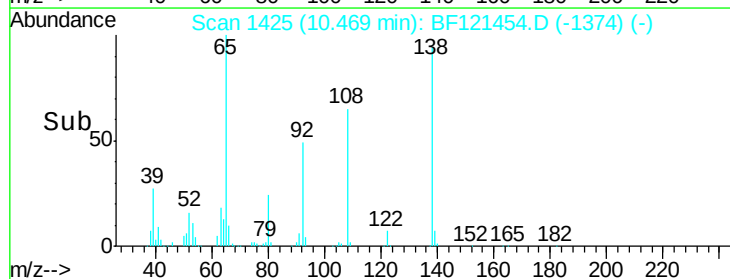
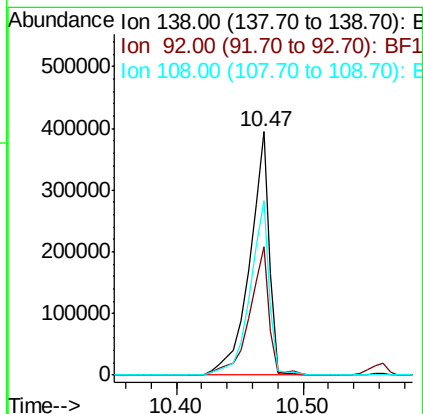
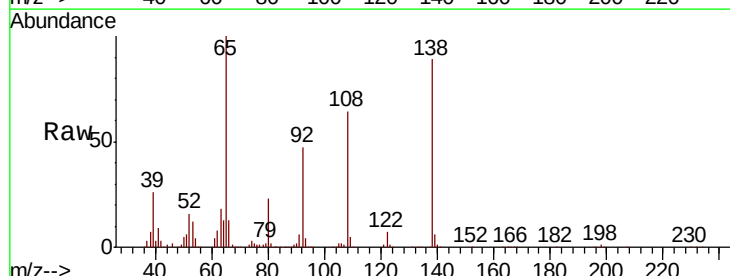
Instrument :
 BNA_F
 ClientSampleID :
 PB131187BS

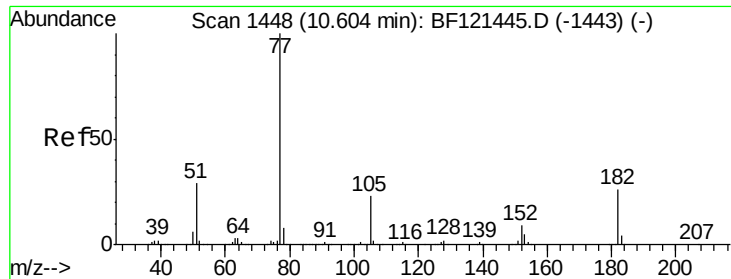
Tot Ion:	204	Resp:	796700
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.3	39.5
141	54.3	48.7	73.1



#62
 4-Nitroaniline
 Concen: 40.367 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion:	138	Resp:	423272
Ion	Ratio	Lower	Upper
138	100		
92	52.6	33.2	73.2
108	71.5	53.6	93.6

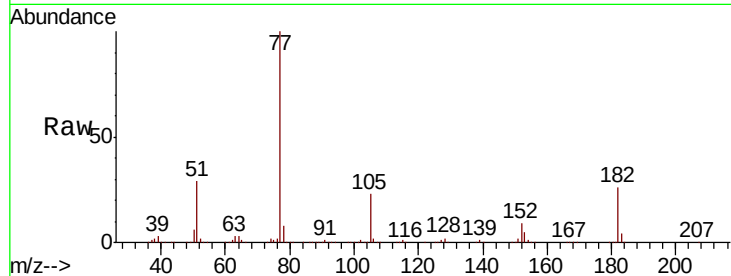




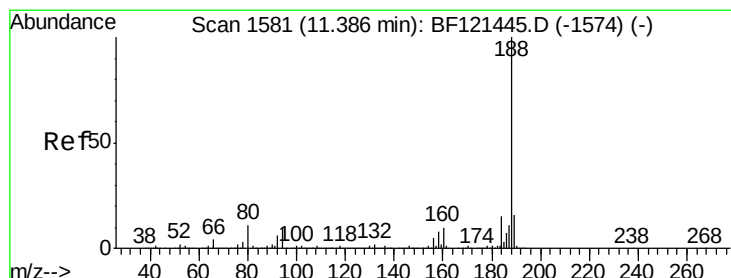
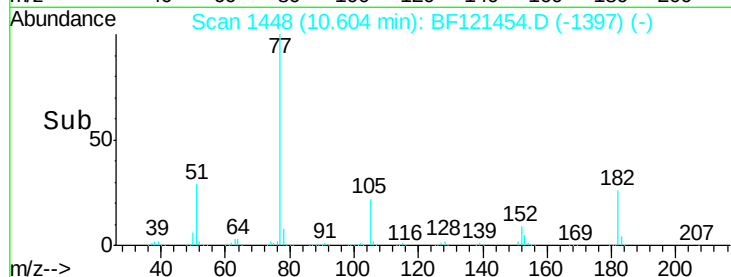
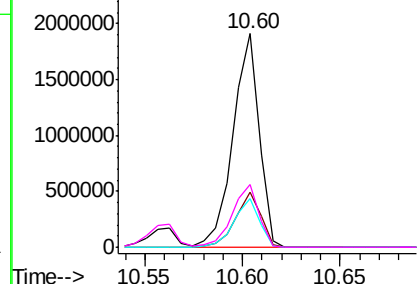
#63
Azobenzene
Concen: 40.821 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion: 77 Resp: 1775341
Ion Ratio Lower Upper
77 100
182 26.0 6.2 46.2
105 22.7 3.3 43.3
51 29.2 9.5 49.5

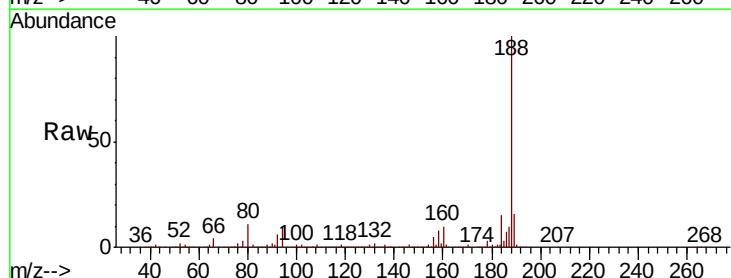


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

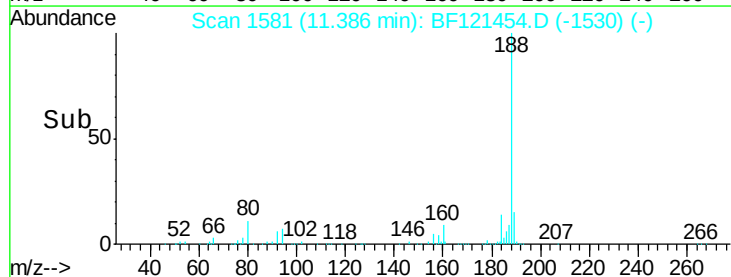
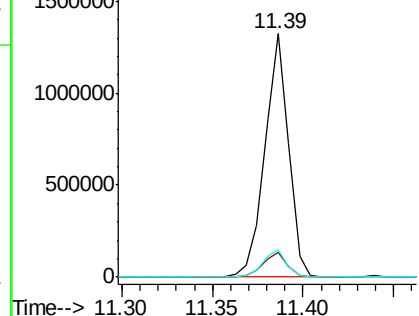


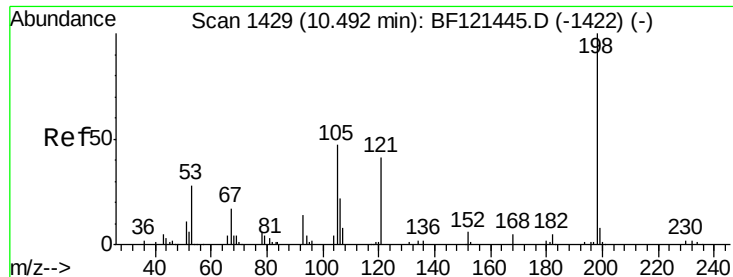
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion: 188 Resp: 1202064
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.0 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: 51.799 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

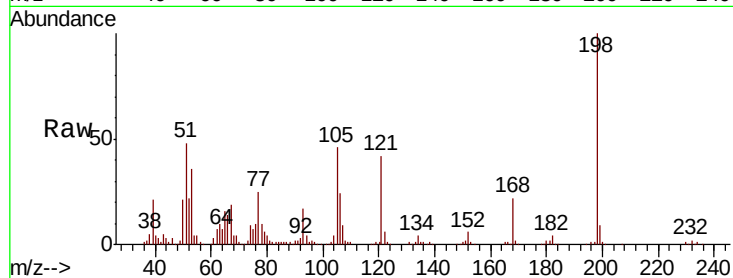
Tot Ion:198 Resp: 188697

Ion	Ratio	Lower	Upper
198	100		
51	47.7	29.0	69.0
105	46.4	29.1	69.1

198 100

51 47.7 29.0 69.0

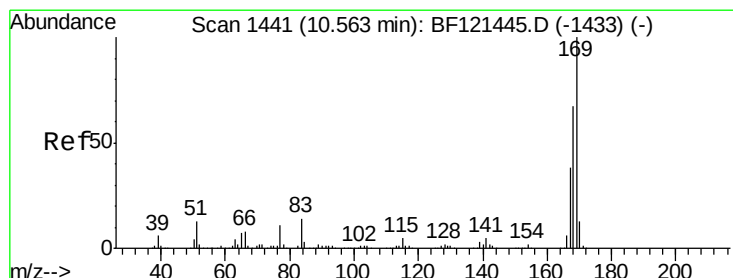
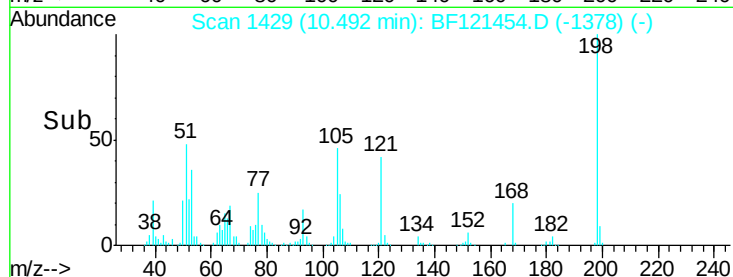
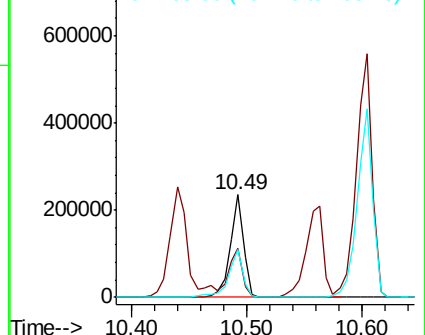
105 46.4 29.1 69.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.475 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

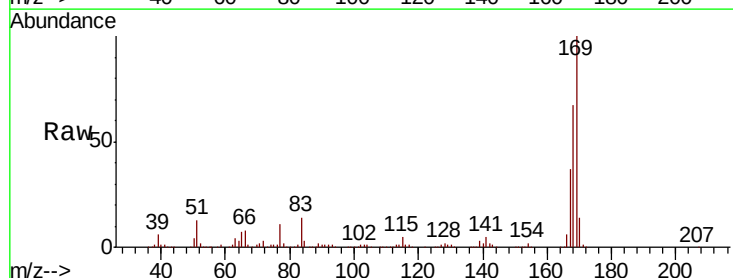
Tgt Ion:169 Resp: 1538811

Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.0	81.0
167	37.4	30.2	45.2

169 100

168 67.0 54.0 81.0

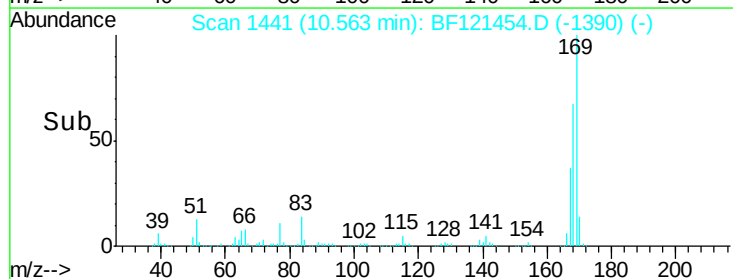
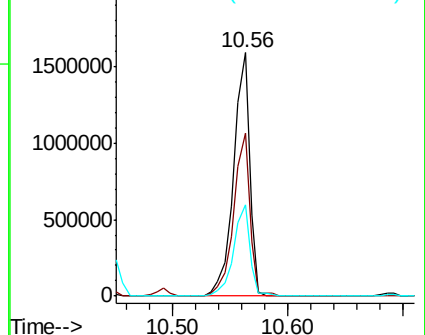
167 37.4 30.2 45.2

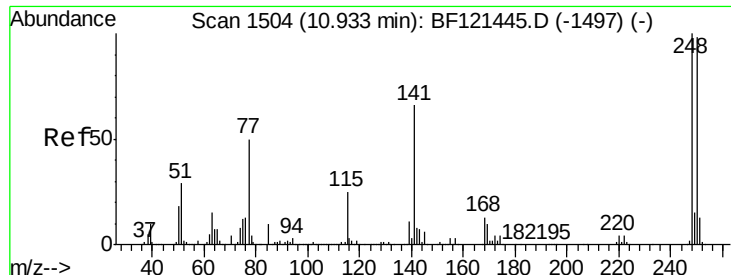


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

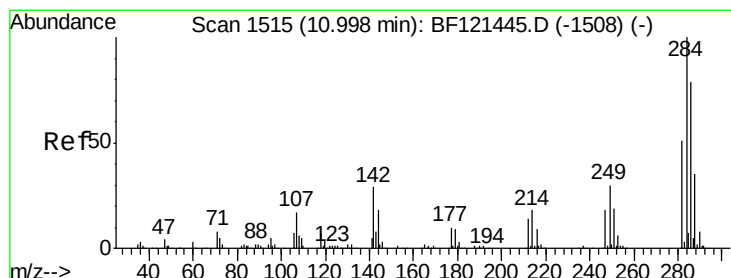
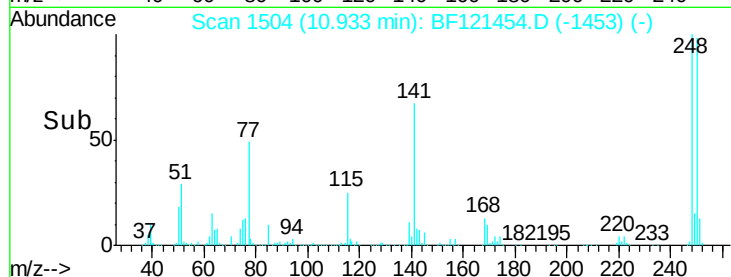
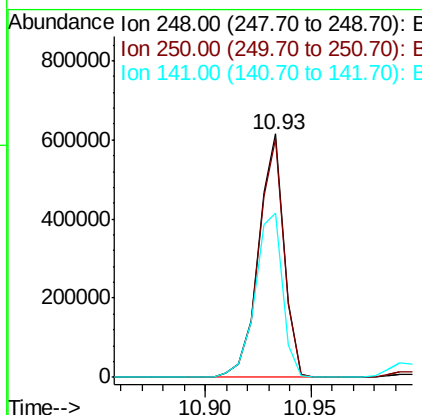
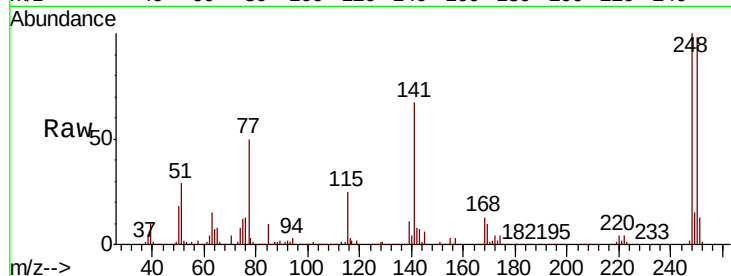




#67
4-Bromophenyl-phenylether
Concen: 39.253 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

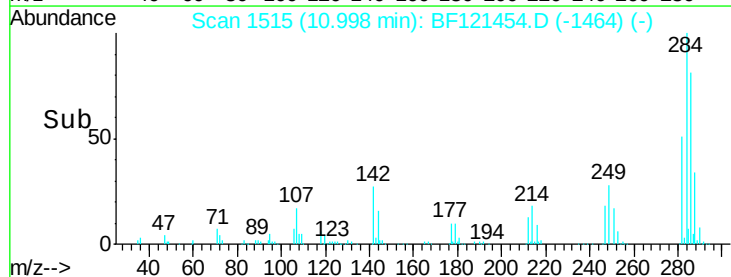
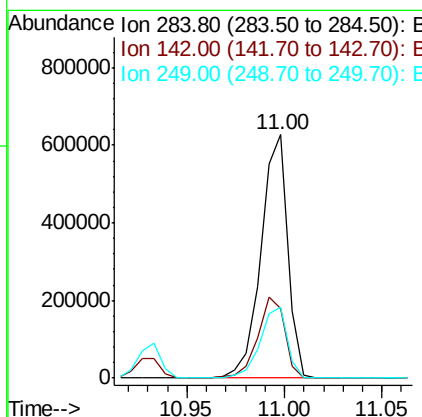
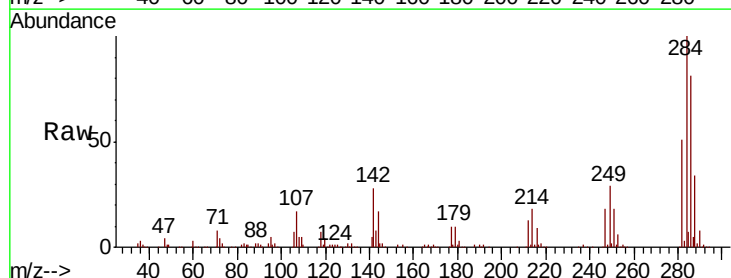
Instrument :
BNA_F
ClientSampled :
PB131187BS

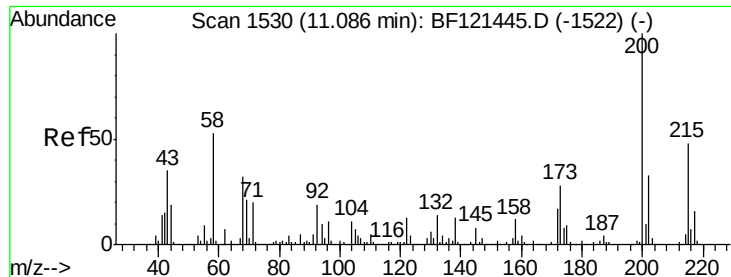
Tot Ion:248 Resp: 519074
Ion Ratio Lower Upper
248 100
250 97.7 78.7 118.1
141 67.3 52.6 78.8



#68
Hexachlorobenzene
Concen: 38.446 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion:284 Resp: 594511
Ion Ratio Lower Upper
284 100
142 28.4 23.4 35.0
249 29.0 23.8 35.6

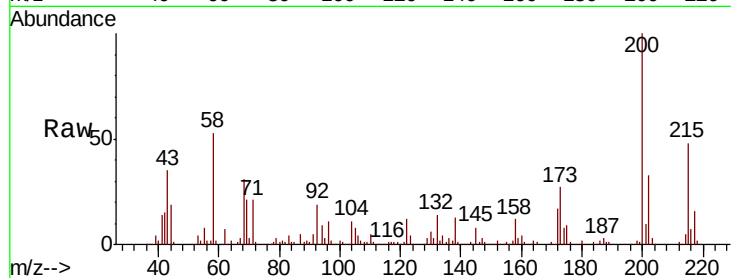




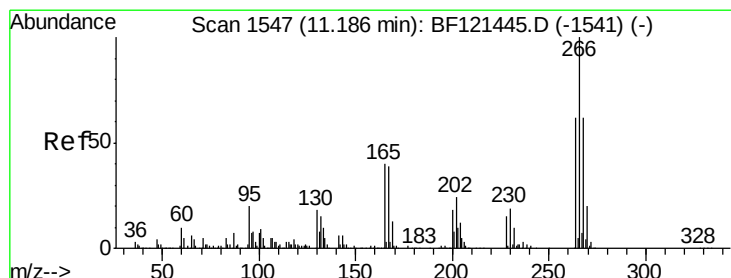
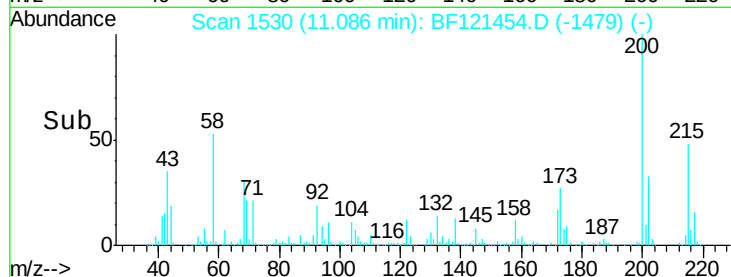
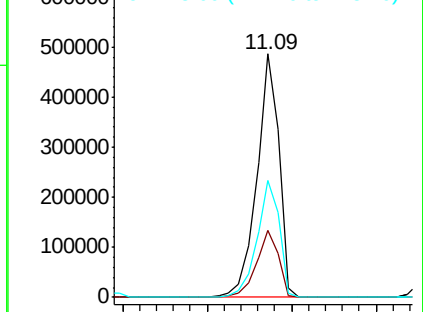
#69
 Atrazine
 Concen: 40.187 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	8.1	48.1
215	48.0	28.5	68.5

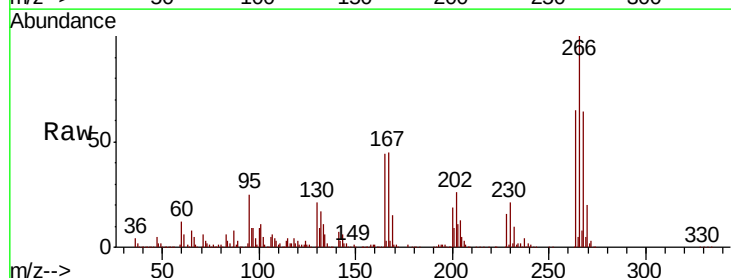


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

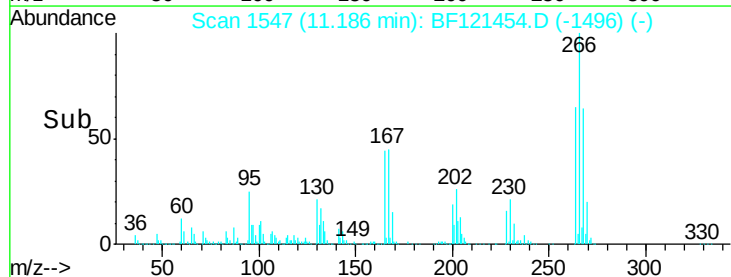
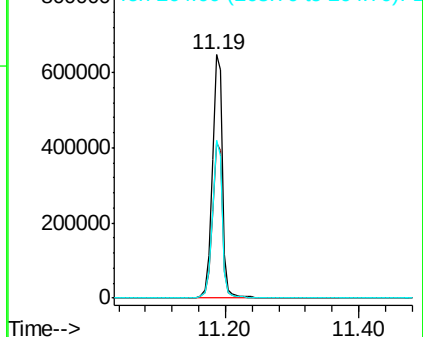


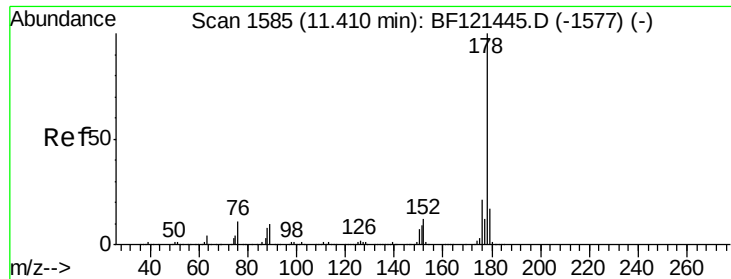
#70
 Pentachlorophenol
 Concen: 98.525 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	49.7	74.5
264	64.6	49.4	74.0



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

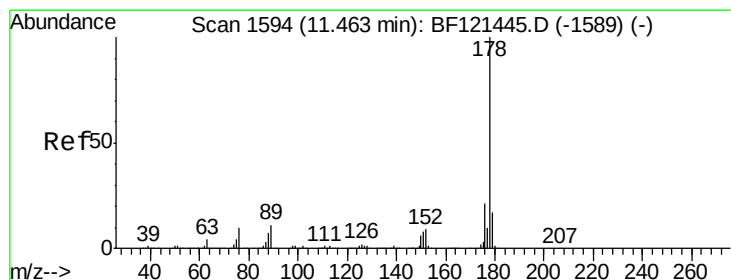
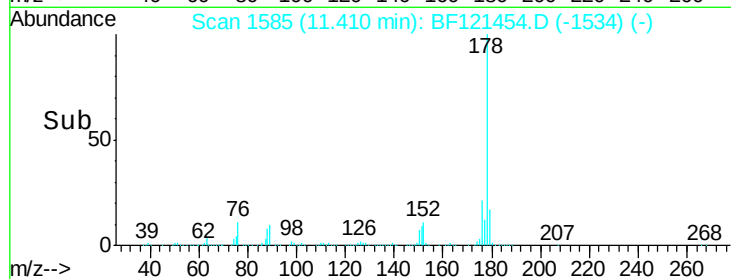
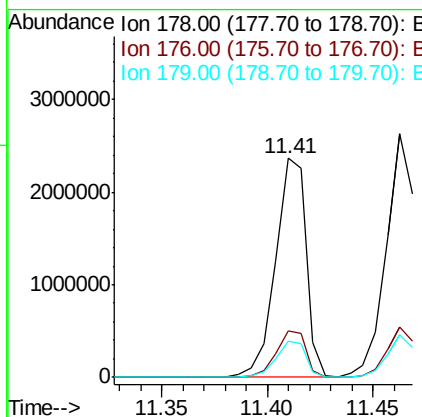
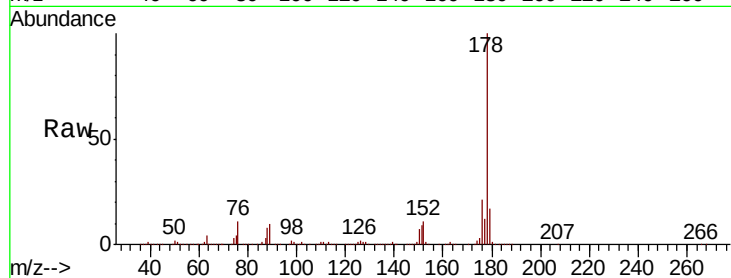




#71
Phenanthrene
Concen: 38.748 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

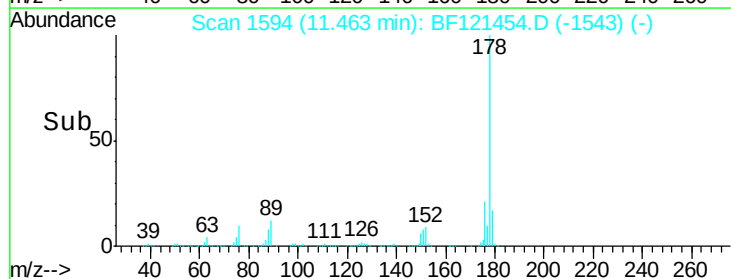
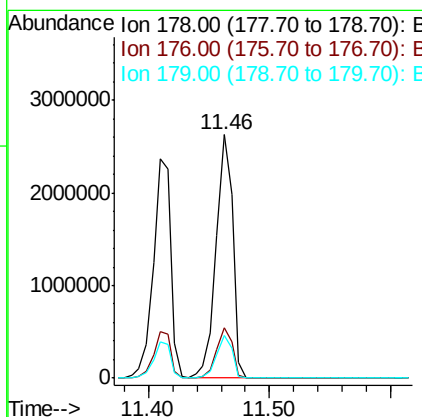
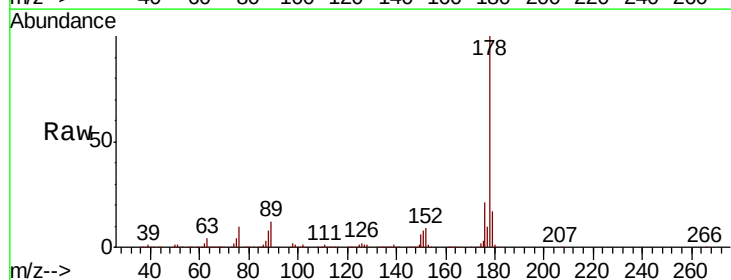
Instrument :
BNA_F
ClientSampleId :
PB131187BS

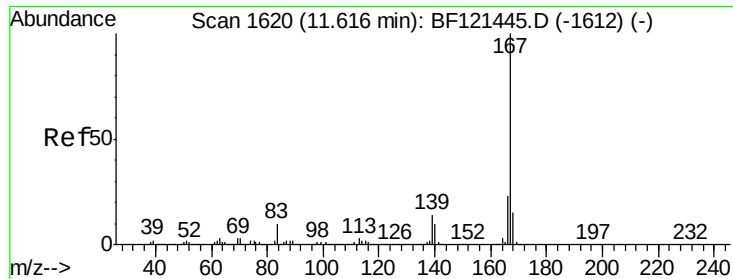
Tot Ion:178 Resp: 2390248
Ion Ratio Lower Upper
178 100
176 21.1 16.9 25.3
179 16.7 13.4 20.0



#72
Anthracene
Concen: 40.677 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion:178 Resp: 2467949
Ion Ratio Lower Upper
178 100
176 20.8 16.7 25.1
179 17.3 13.4 20.2



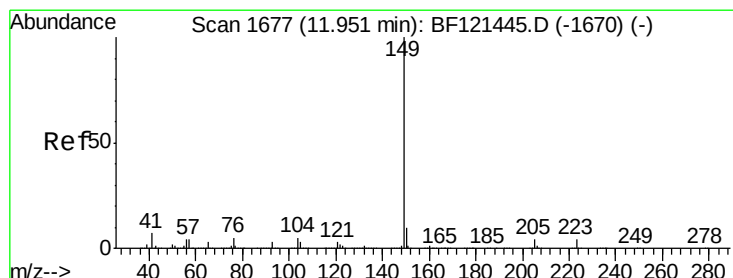
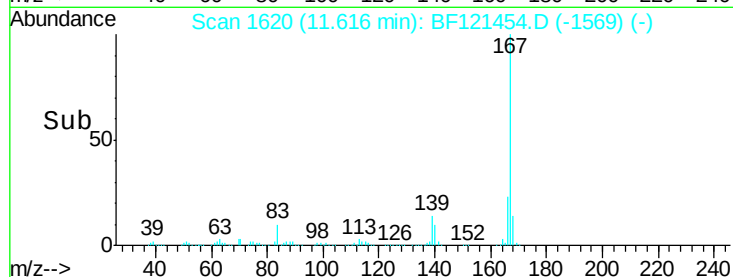
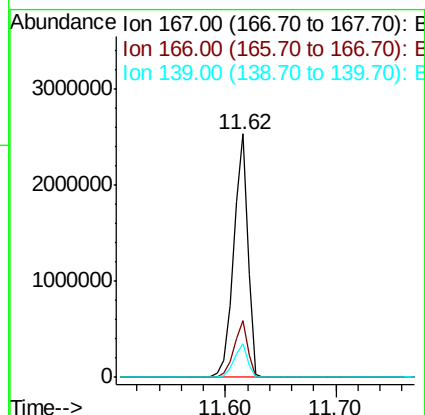
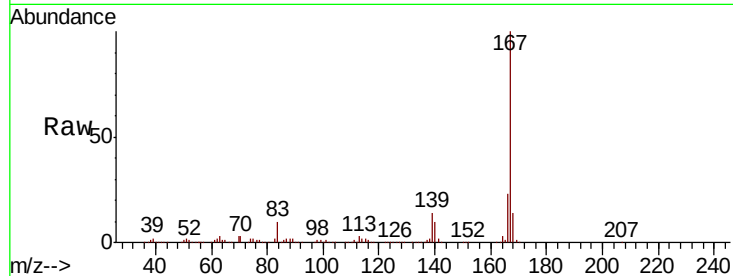


#73
 Carbazole
 Concen: 38.985 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB131187BS

Tot Ion:167 Resp: 2280879

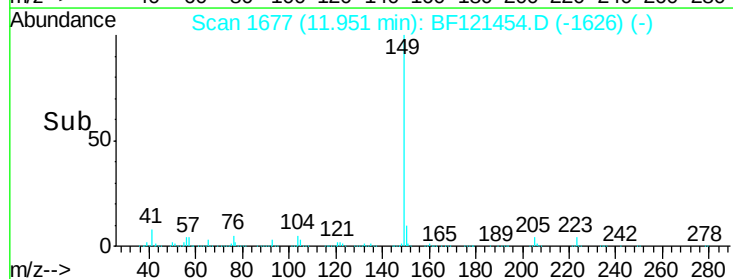
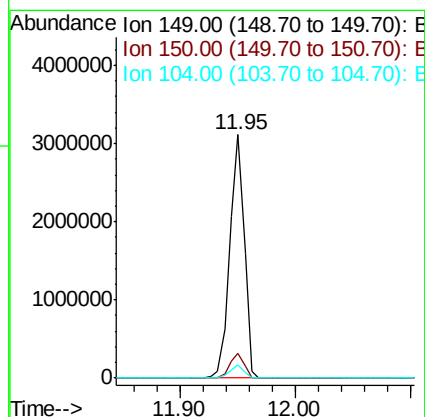
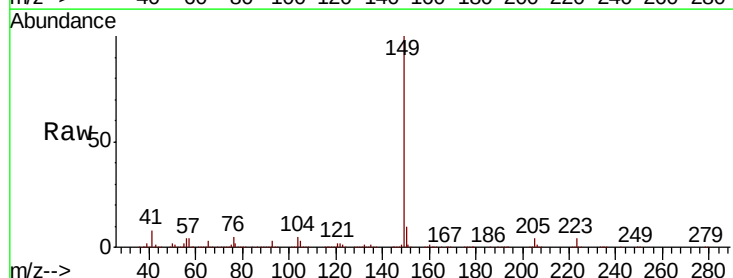
Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.4	27.6
139	14.1	11.0	16.6

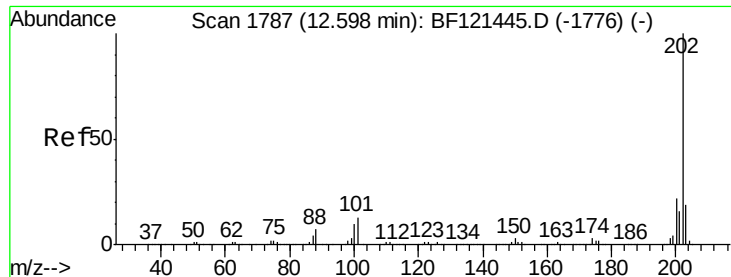


#74
 Di-n-butylphthalate
 Concen: 41.378 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BF121454.D
 Acq: 28 Aug 2020 11:42

Tgt Ion:149 Resp: 2689343

Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.2	12.2
104	5.3	4.2	6.4

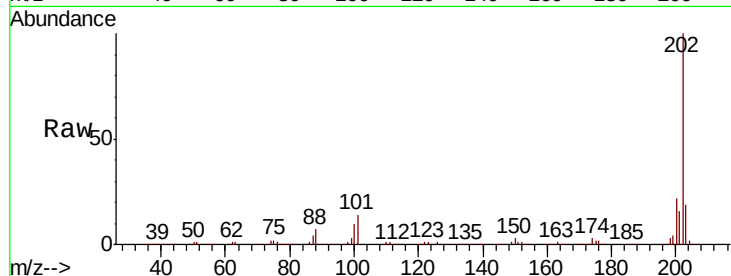




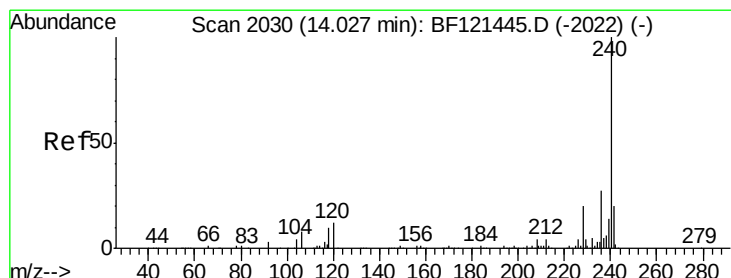
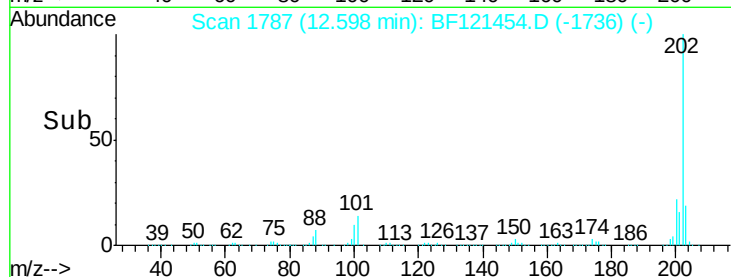
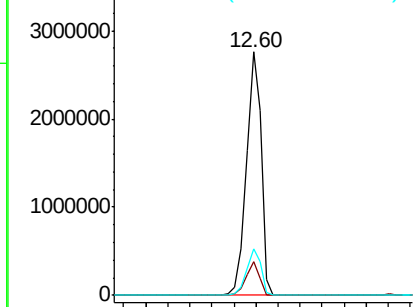
#75
Fluoranthene
Concen: 39.078 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion:202 Resp: 2598008
Ion Ratio Lower Upper
202 100
101 13.8 0.0 33.3
203 19.1 0.0 39.1

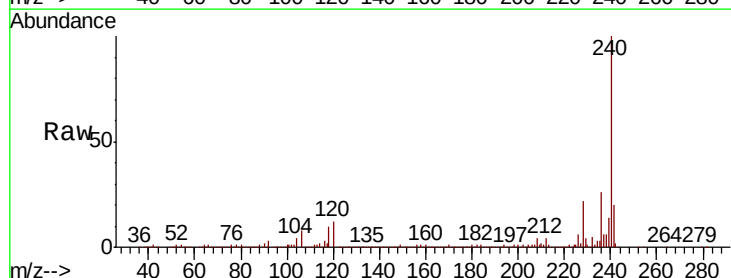


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

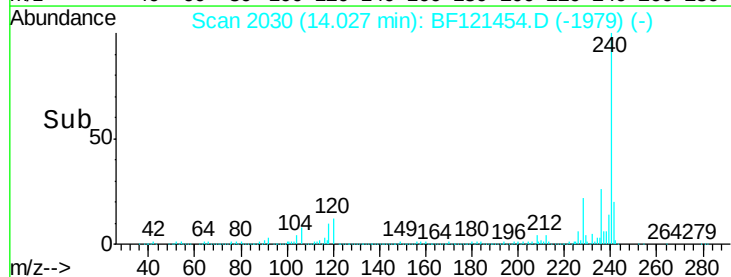
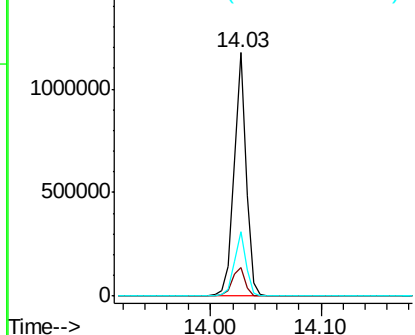


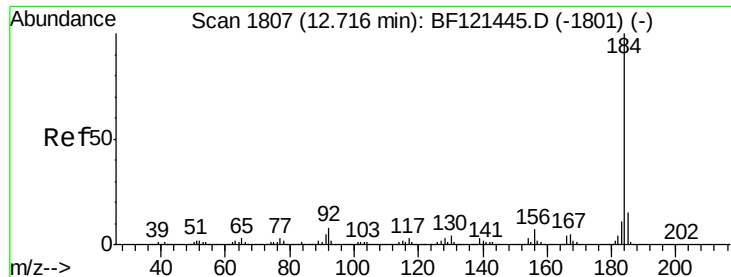
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion:240 Resp: 909558
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 26.5 21.8 32.6



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





#77

Benzidine

Concen: 80.070 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

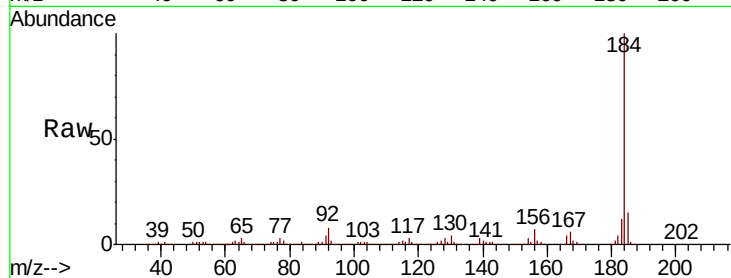
Tot Ion:184 Resp: 1588340

Ion Ratio Lower Upper

184 100

185 15.2 12.1 18.1

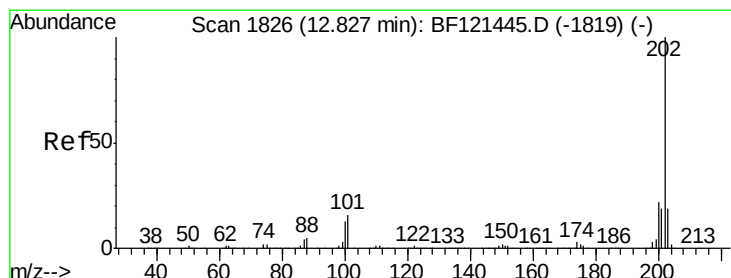
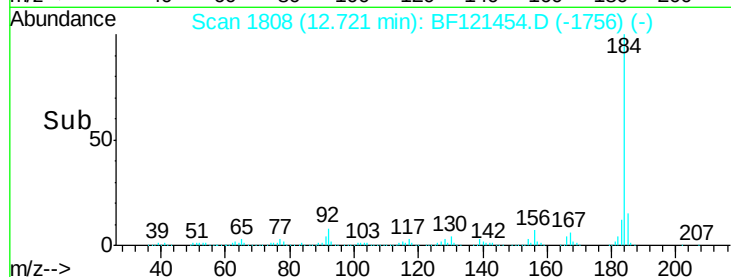
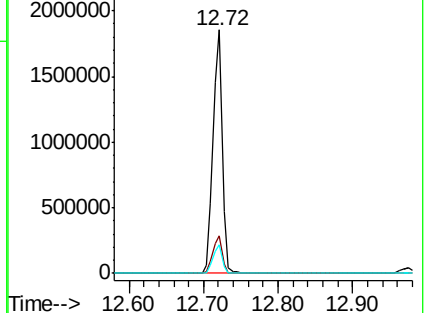
183 11.5 8.9 13.3



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: 41.106 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

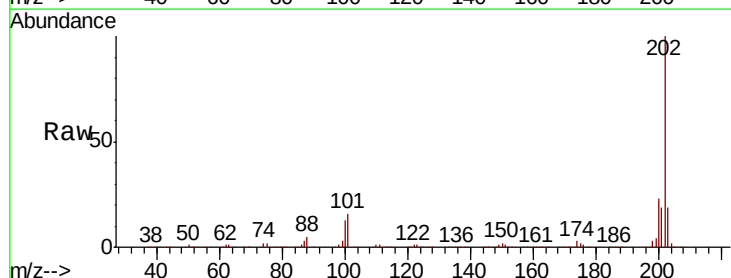
Tgt Ion:202 Resp: 2670169

Ion Ratio Lower Upper

202 100

200 22.5 18.0 27.0

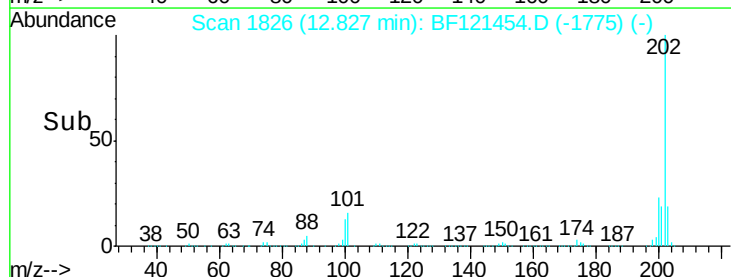
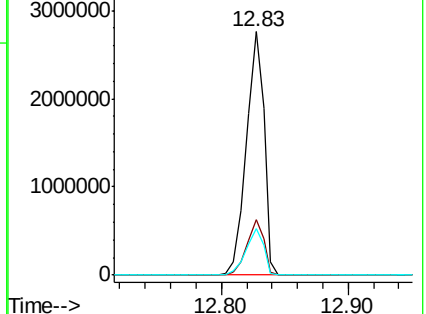
203 19.1 15.3 22.9

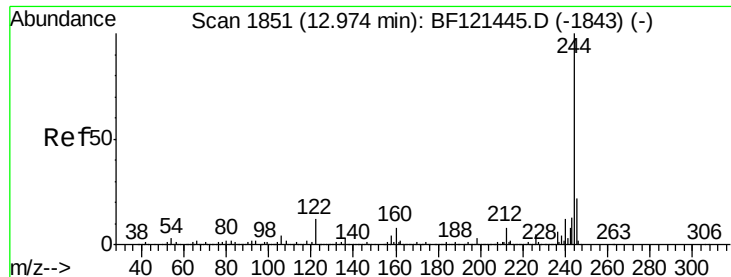


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.115 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

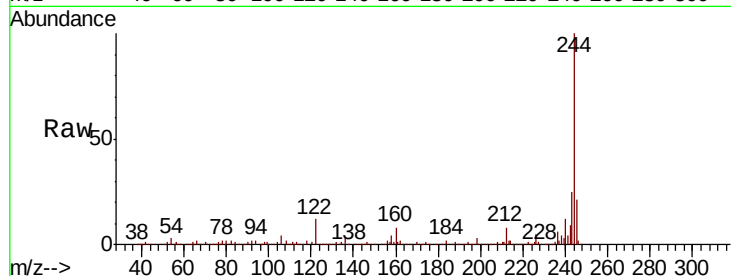
BNA_F

ClientSampleId :

PB131187BS

Tot Ion:244 Resp: 2943288

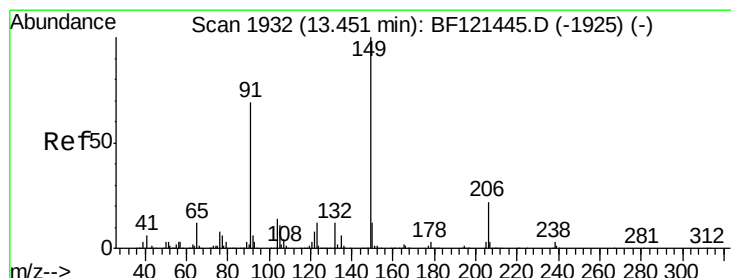
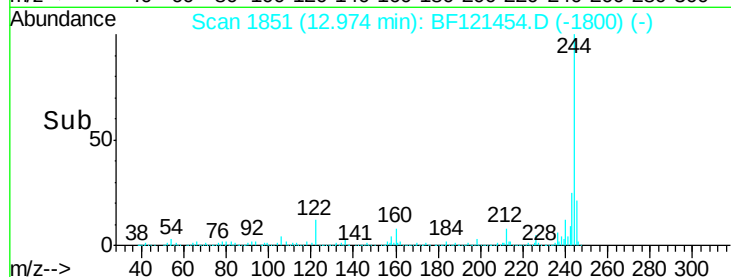
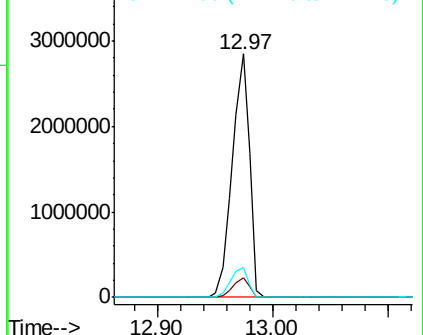
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.3	9.5
122	12.2	9.5	14.3



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: 45.821 ng

RT: 13.45 min Scan# 1932

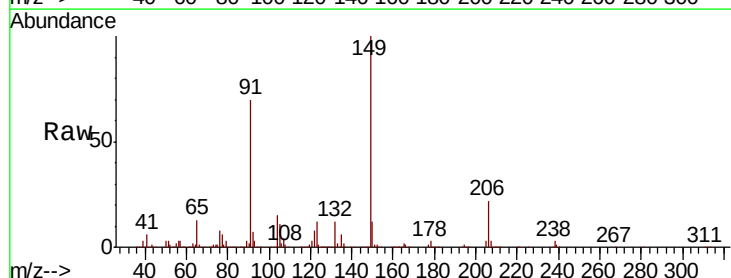
Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Tgt Ion:149 Resp: 1146699

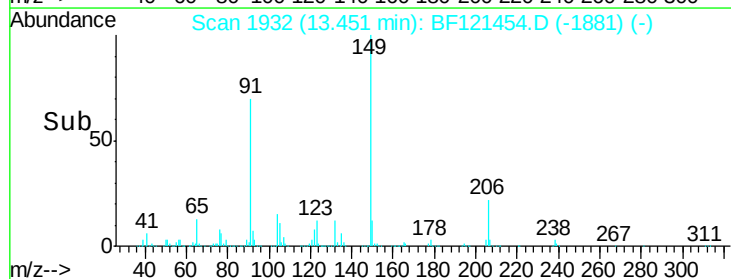
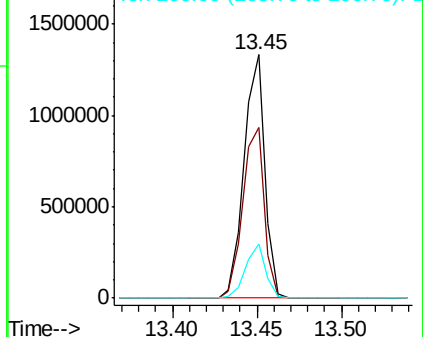
Ion	Ratio	Lower	Upper
149	100		
91	70.3	55.0	82.4
206	22.1	17.8	26.6

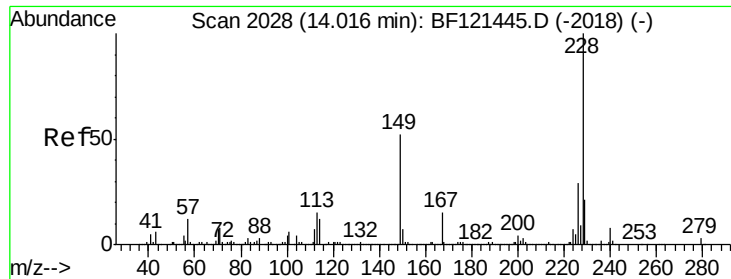


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

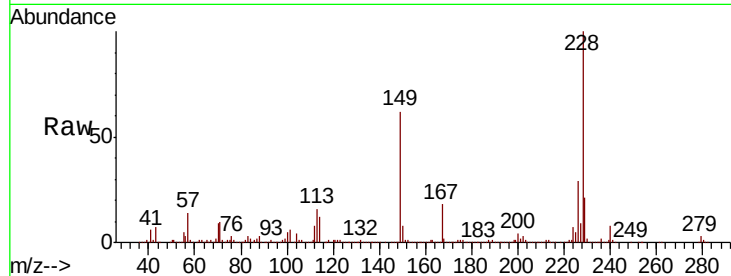




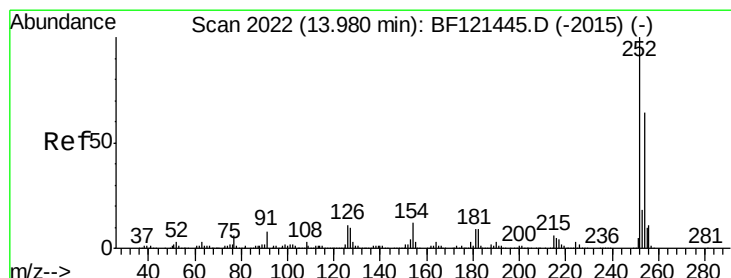
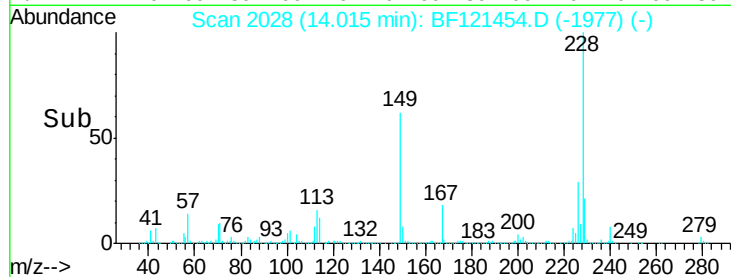
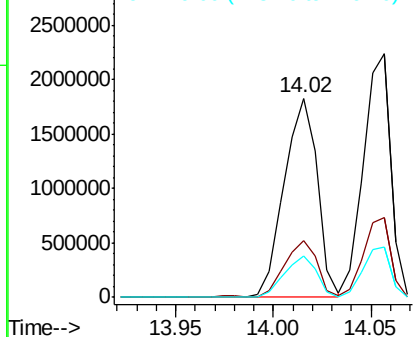
#81
Benzo(a)anthracene
Concen: 38.695 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion:228 Resp: 2148519
Ion Ratio Lower Upper
228 100
226 28.8 23.0 34.4
229 20.9 16.6 24.8

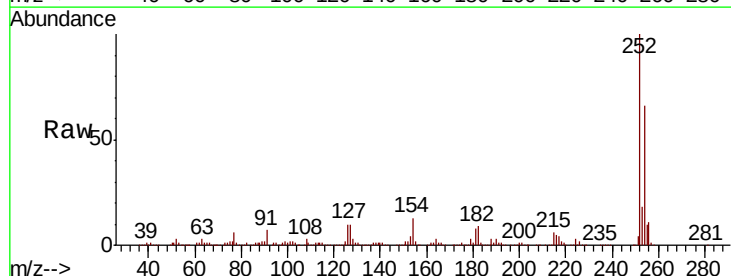


Abundance Ion 228.00 (227.70 to 228.70): E
3000000 Ion 226.00 (225.70 to 226.70): E
2500000 Ion 229.00 (228.70 to 229.70): E

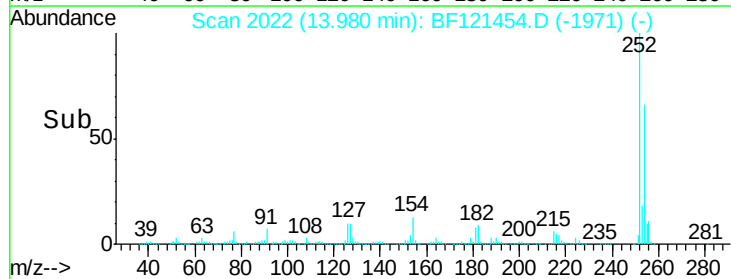
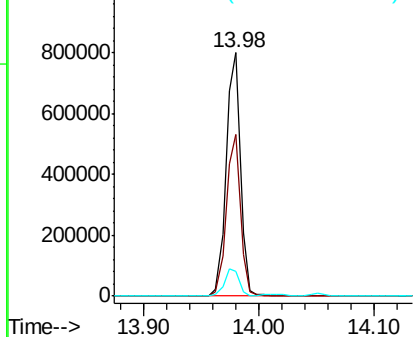


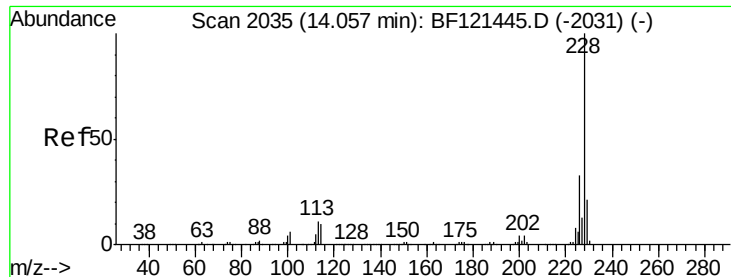
#82
3,3'-Dichlorobenzidine
Concen: 33.957 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion:252 Resp: 690595
Ion Ratio Lower Upper
252 100
254 66.3 51.4 77.2
126 10.3 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E
1000000 Ion 254.00 (253.70 to 254.70): E
800000 Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.207 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

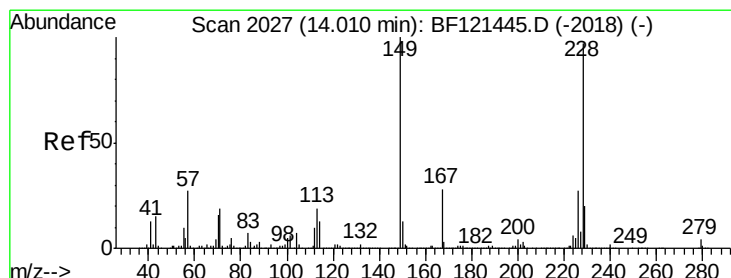
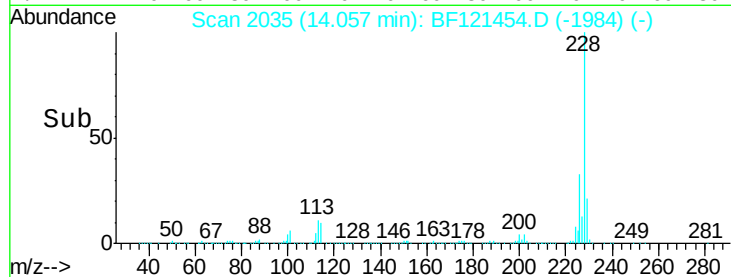
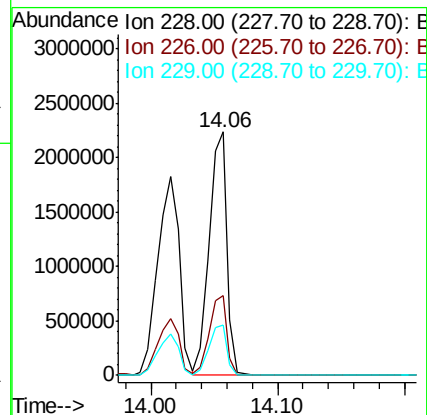
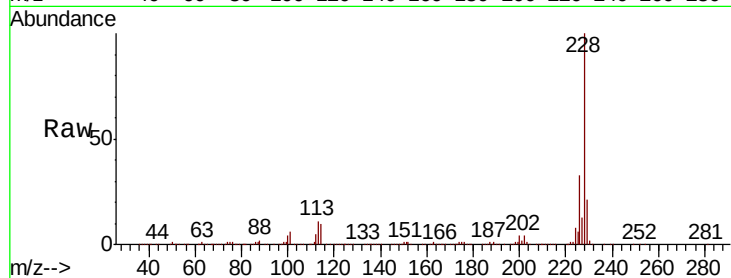
Tot Ion:228 Resp: 2177930

Ion Ratio Lower Upper

228 100

226 33.0 26.2 39.2

229 20.8 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.269 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

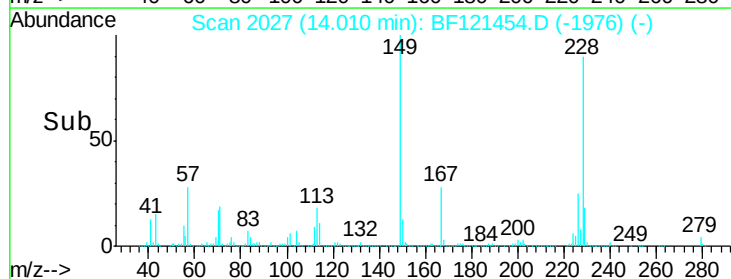
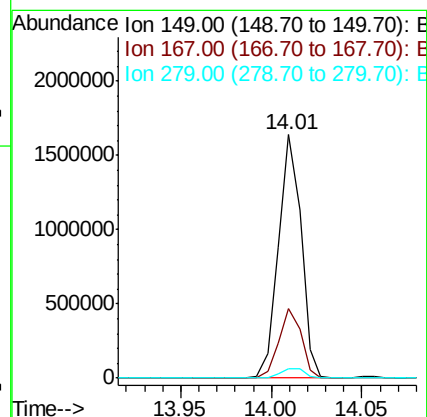
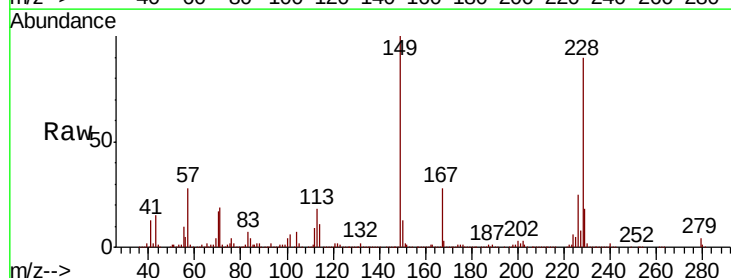
Tgt Ion:149 Resp: 1430842

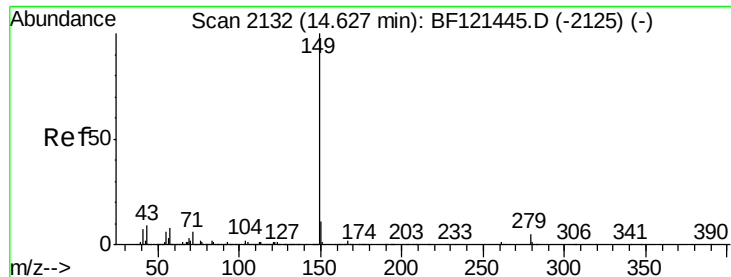
Ion Ratio Lower Upper

149 100

167 28.4 22.6 34.0

279 4.1 3.3 4.9

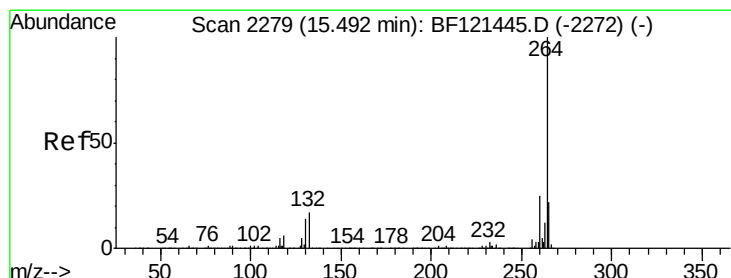
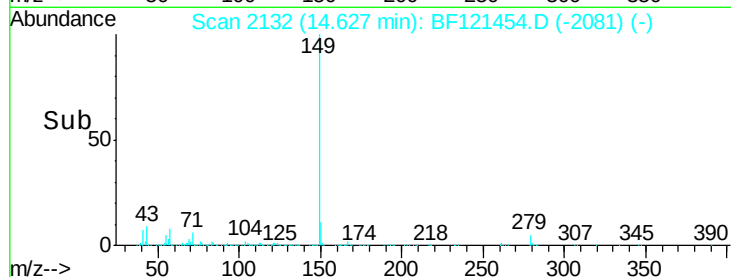
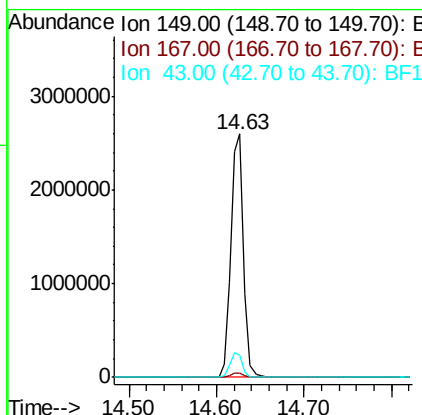
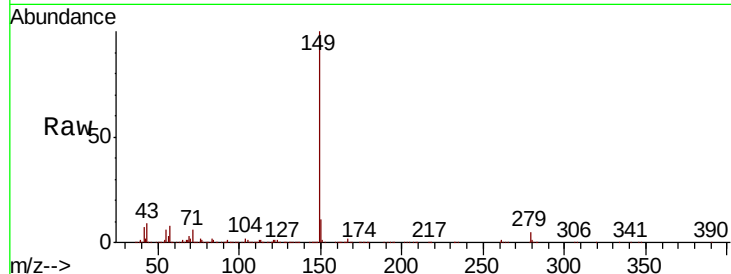




#85
Di-n-octyl phthalate
Concen: 46.867 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

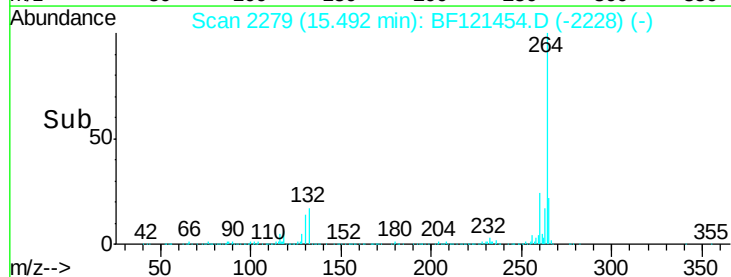
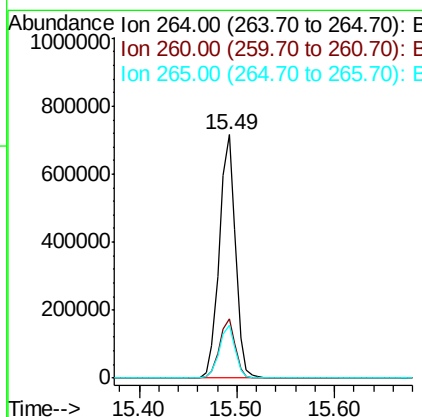
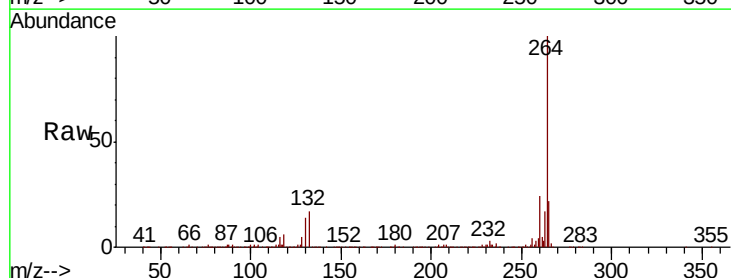
Instrument :
BNA_F
ClientSampleId :
PB131187BS

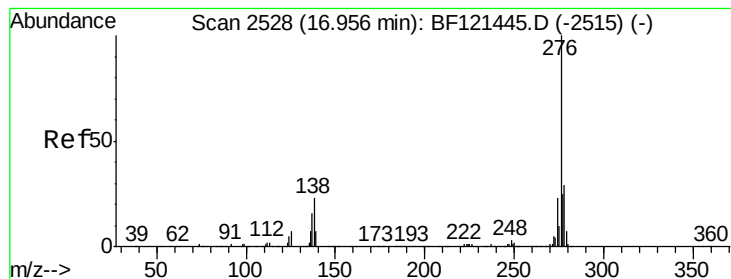
Tot Ion:149 Resp: 2567140
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.3 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion:264 Resp: 821090
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 21.6 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.559 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

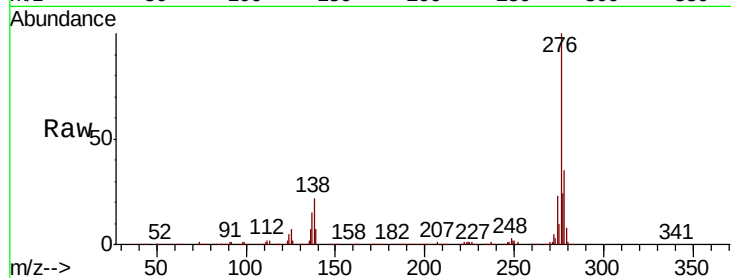
BNA_F

ClientSampleId :

PB131187BS

Tot Ion:276 Resp: 1998547

Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.6	31.0
277	25.2	20.5	30.7

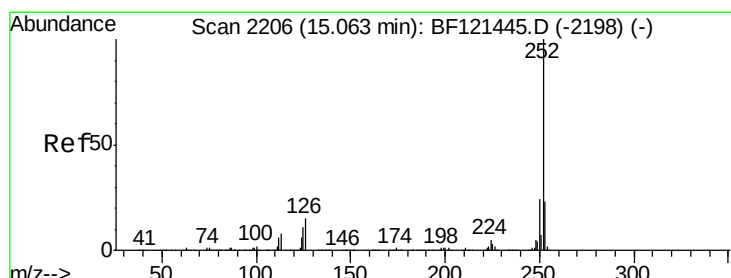
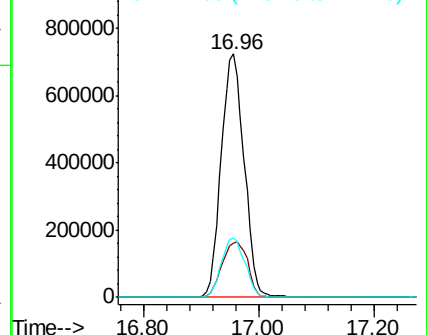
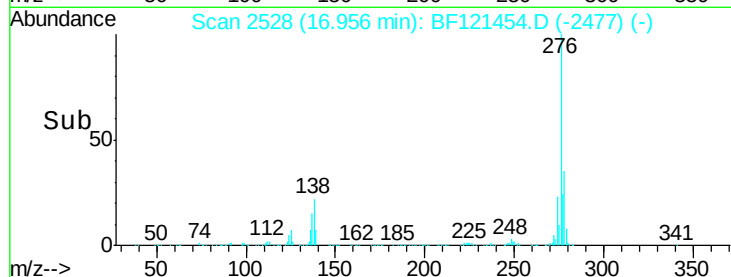


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 41.981 ng

RT: 15.06 min Scan# 2206

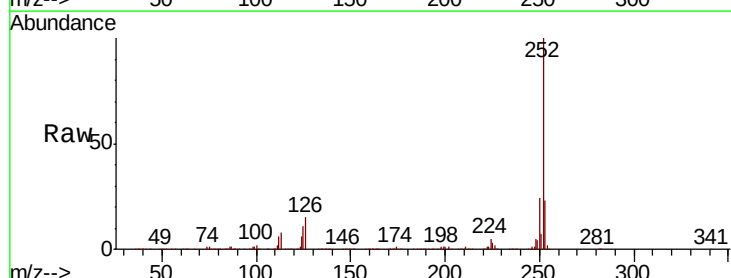
Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Tgt Ion:252 Resp: 2242267

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	11.2	9.2	13.8

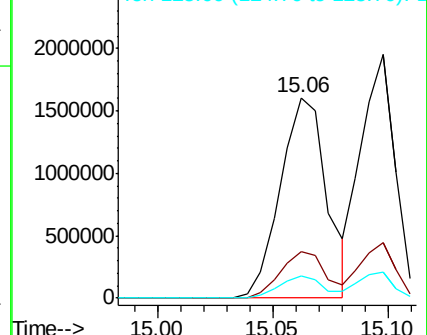
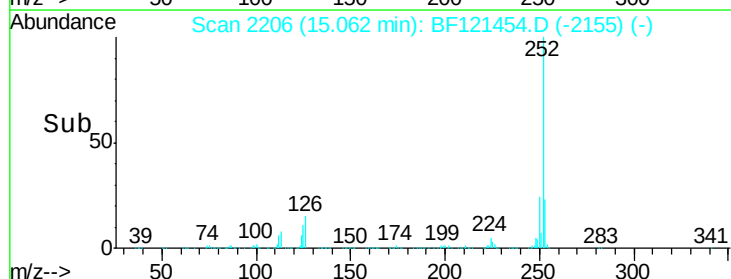


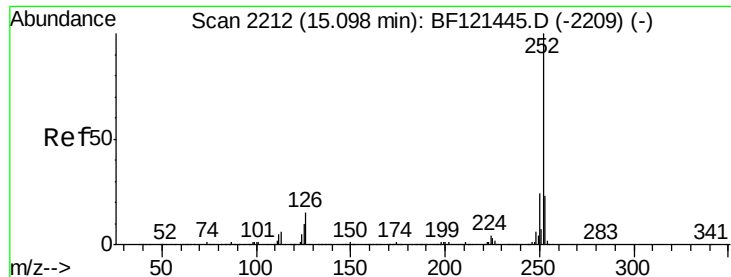
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

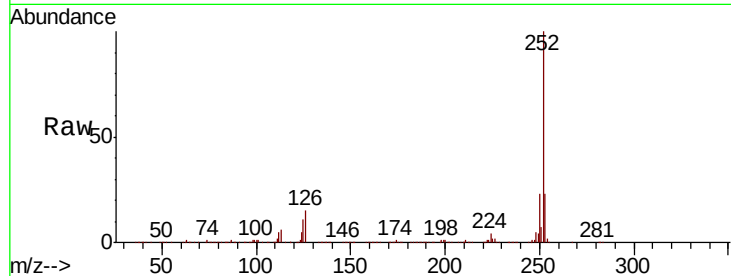




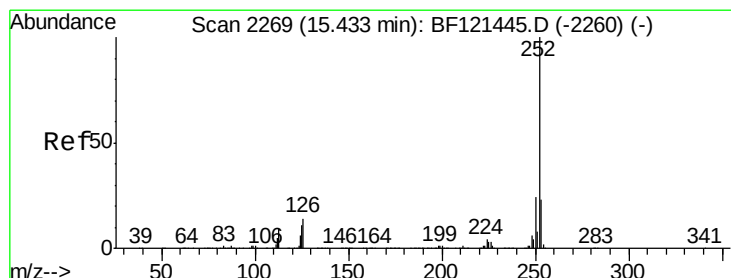
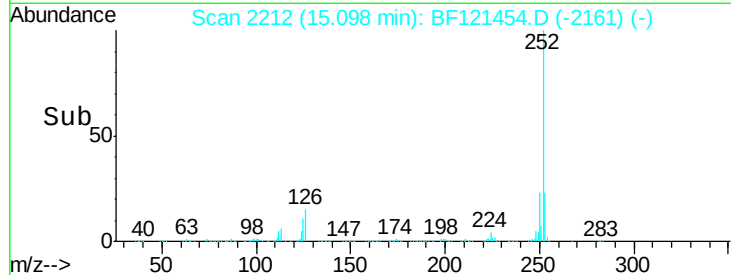
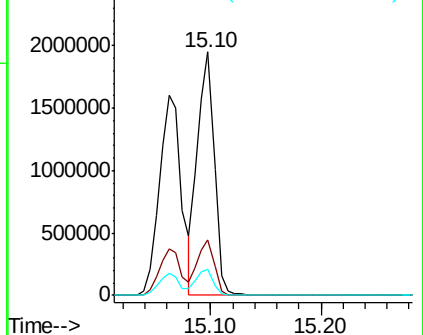
#89
Benzo(k)fluoranthene
Concen: 40.730 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Instrument :
BNA_F
ClientSampleId :
PB131187BS

Tot Ion:252 Resp: 2023460
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 10.7 8.5 12.7

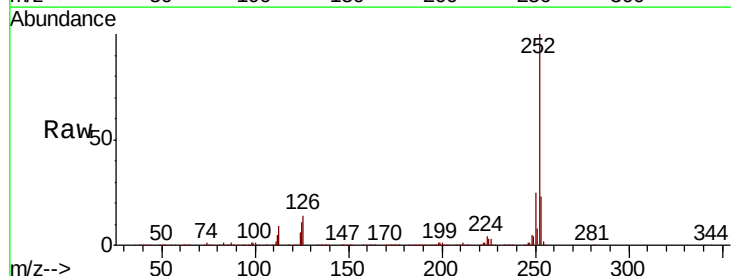


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

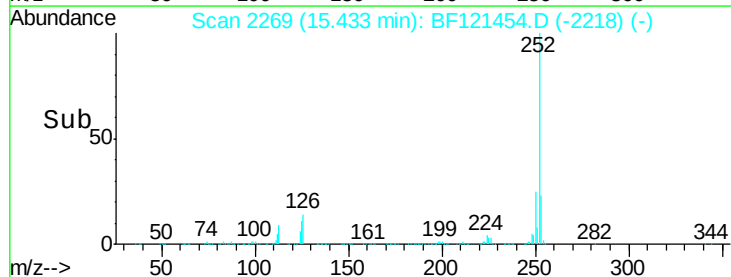
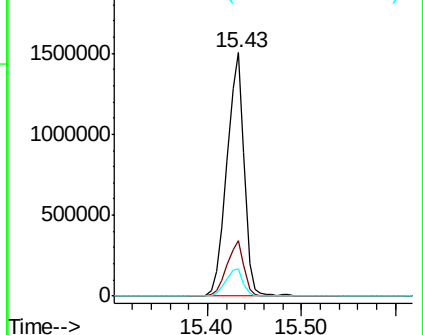


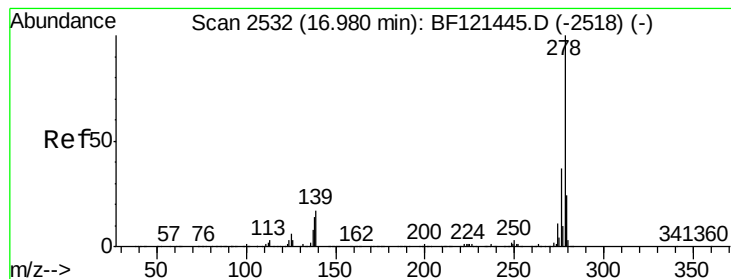
#90
Benzo(a)pyrene
Concen: 39.896 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF121454.D
Acq: 28 Aug 2020 11:42

Tgt Ion:252 Resp: 1916109
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 11.4 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.464 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

Instrument :

BNA_F

ClientSampleId :

PB131187BS

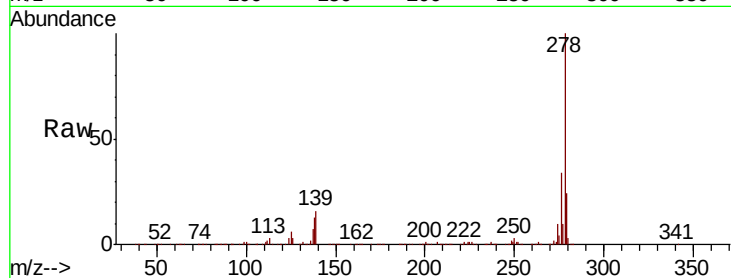
Tot Ion:278 Resp: 1673370

Ion Ratio Lower Upper

278 100

139 16.0 13.3 19.9

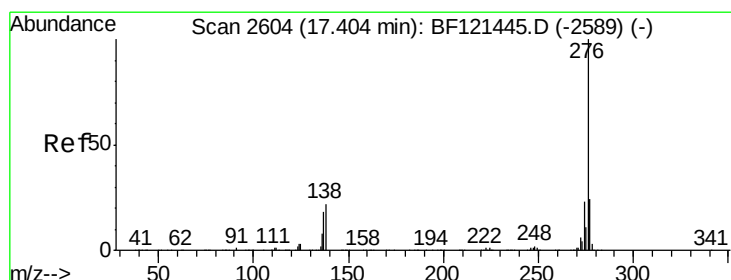
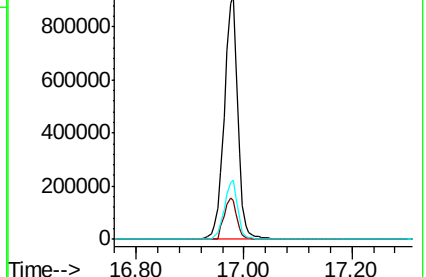
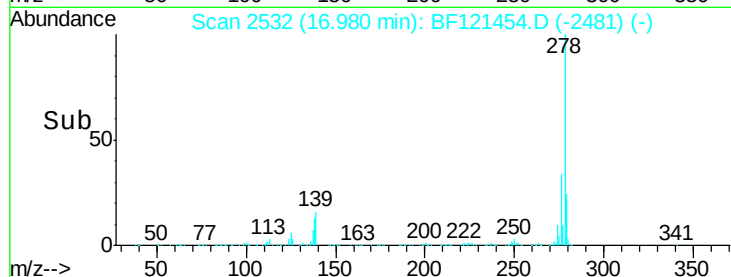
279 24.4 19.4 29.0



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: 40.479 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.00 min

Lab File: BF121454.D

Acq: 28 Aug 2020 11:42

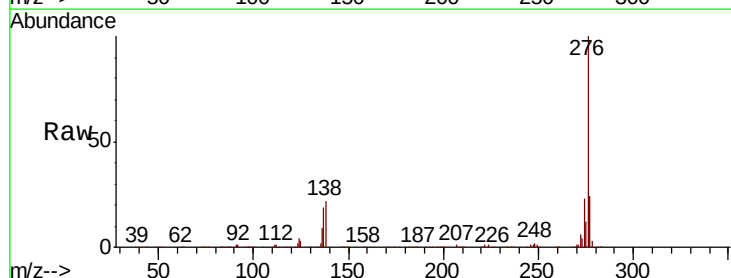
Tgt Ion:276 Resp: 1612563

Ion Ratio Lower Upper

276 100

277 24.3 18.9 28.3

138 21.7 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

