

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090421\
 Data File : BF125368.D
 Acq On : 4 Sep 2021 14:34
 Operator : JU/CG
 Sample : M3646-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1992

Quant Time: Sep 06 08:27:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

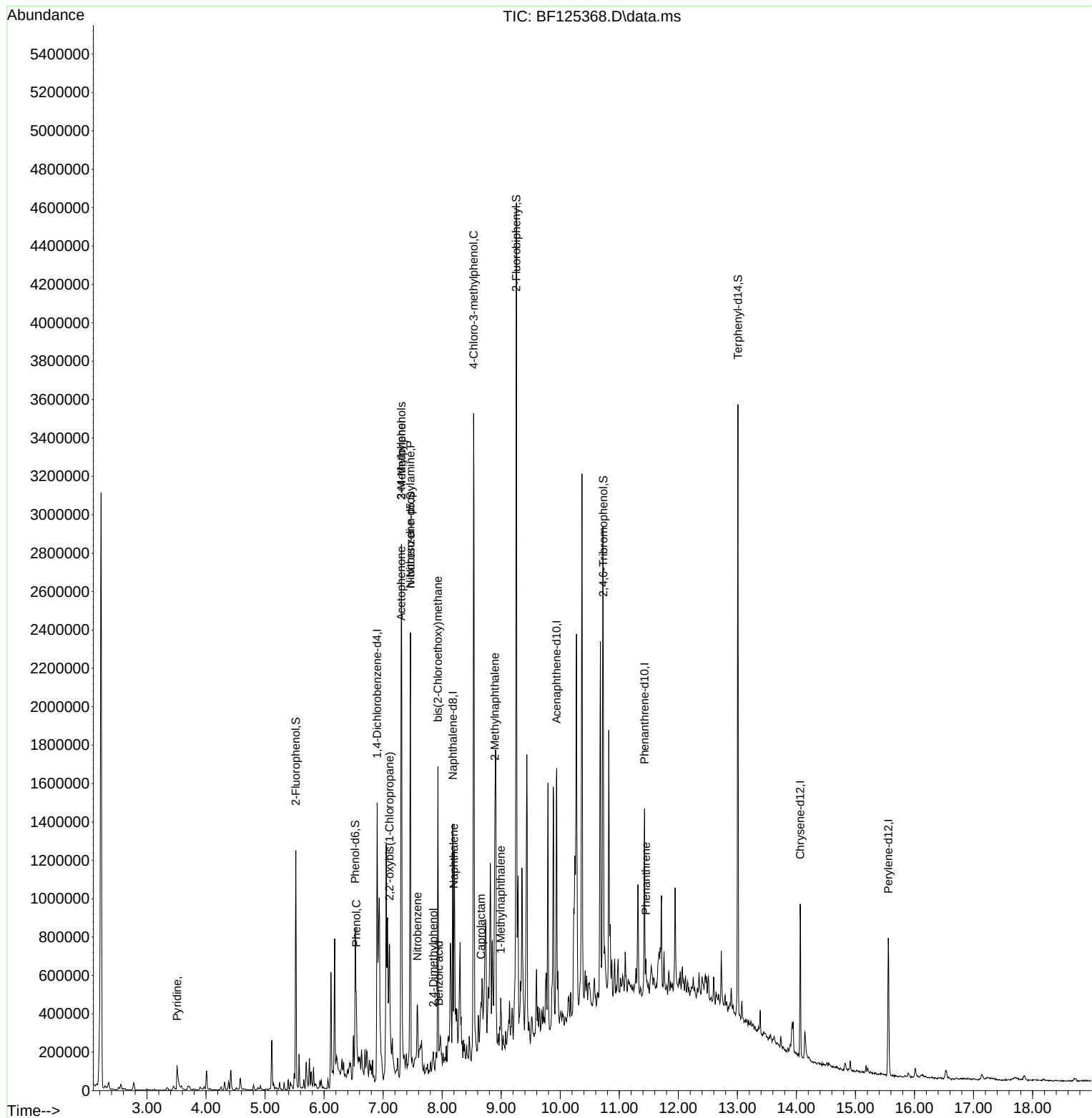
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	127125	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	467584	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	214811	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	351356	20.000	ng	0.00
76) Chrysene-d12	14.062	240	286380	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	327226	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	320583	38.170	ng	0.00
7) Phenol-d6	6.528	99	248803	22.905	ng	0.00
23) Nitrobenzene-d5	7.463	82	722141	77.752	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	179970	83.930	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1127639	73.163	ng	0.00
79) Terphenyl-d14	13.010	244	1099821	61.181	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.510	79	74555	6.814	ng	# 91
10) Phenol	6.545	94	42119	3.703	ng	89
16) 2,2'-oxybis(1-Chloropr...	7.110	45	205233	11.423	ng	76
17) 2-Methylphenol	7.310	107	789864	109.743	ng	# 74
19) n-Nitroso-di-n-propyla...	7.463	70	99322	15.202	ng	# 56
20) 3+4-Methylphenols	7.310	107	794516	87.941	ng	# 74
22) Acetophenone	7.304	105	30250	2.514	ng	# 1
24) Nitrobenzene	7.581	77	20515	2.027	ng	# 47
27) 2,4-Dimethylphenol	7.851	122	19471	2.752	ng	# 93
28) bis(2-Chloroethoxy)met...	7.928	93	28748	2.898	ng	# 1
31) Naphthalene	8.198	128	56541	2.361	ng	# 91
32) Benzoic acid	7.945	122	23991	4.996	ng	# 43
35) Caprolactam	8.657	113	36316	19.433	ng	# 1
36) 4-Chloro-3-methylphenol	8.533	107	1719341	233.433	ng	# 17
37) 2-Methylnaphthalene	8.892	142	35039	2.214	ng	95
38) 1-Methylnaphthalene	8.992	142	39153	2.650	ng	98
71) Phenanthrene	11.451	178	39968	2.064	ng	# 92

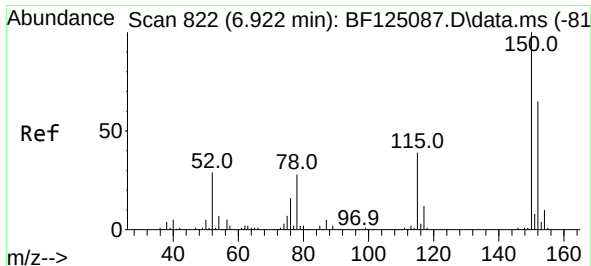
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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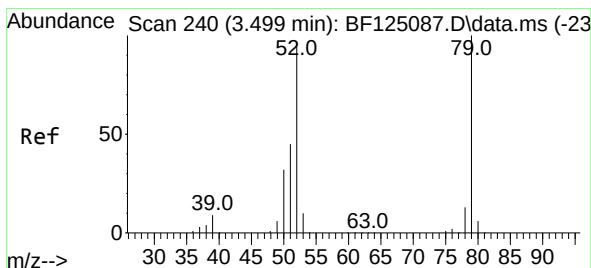
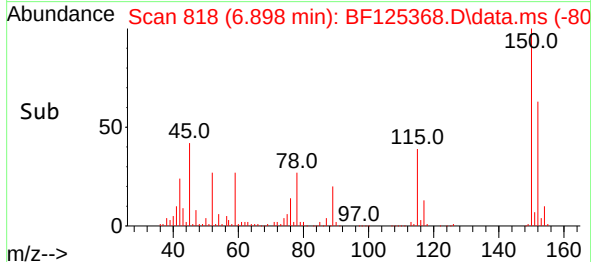
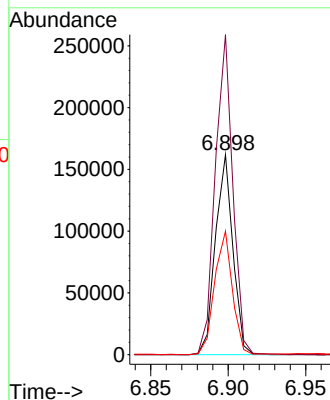
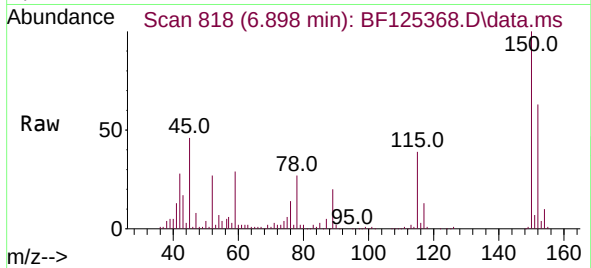




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

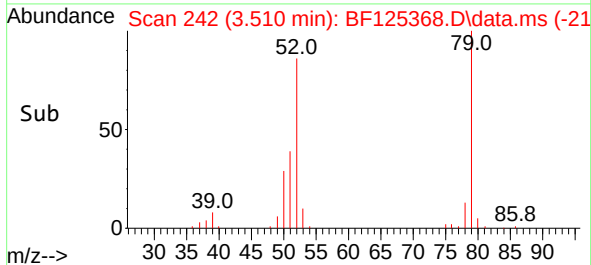
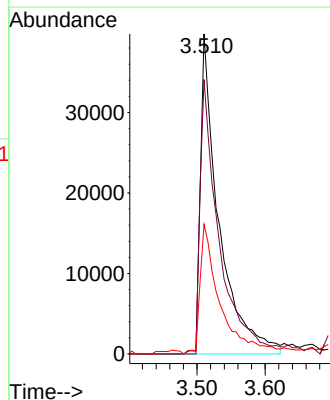
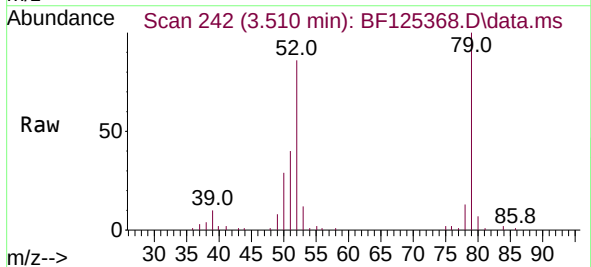
Instrument :
BNA_F
ClientSampleId :
1992

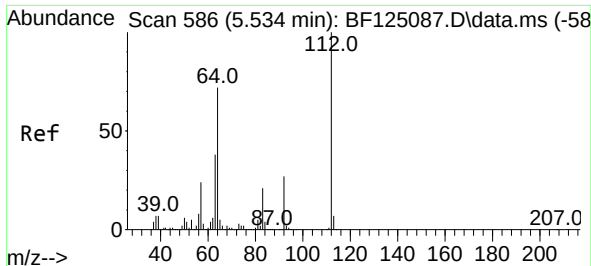
Tgt Ion:152 Resp: 127125
Ion Ratio Lower Upper
152 100
150 160.0 117.6 176.4
115 61.8 47.1 70.7



#3
Pyridine
Concen: 6.814 ng
RT: 3.510 min Scan# 242
Delta R.T. 0.059 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

Tgt Ion: 79 Resp: 74555
Ion Ratio Lower Upper
79 100
52 85.8 70.3 105.5
51 40.5 44.1 66.1#

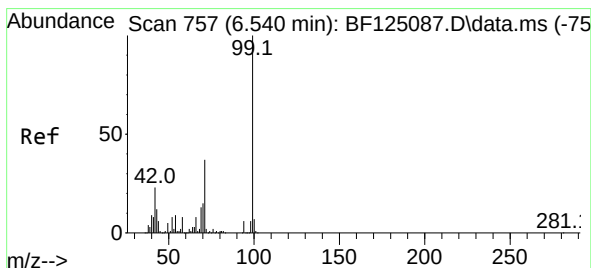
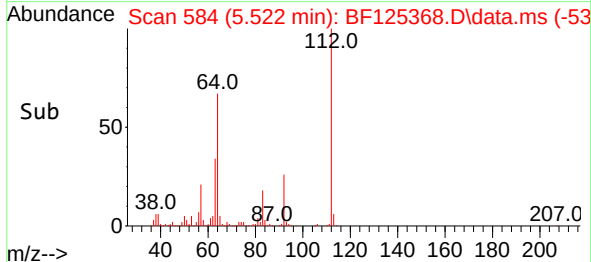
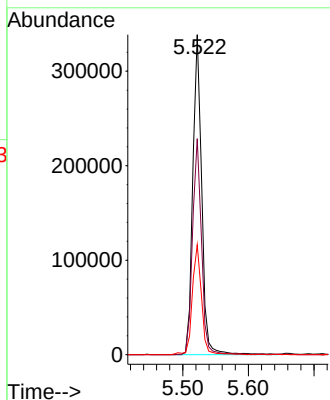
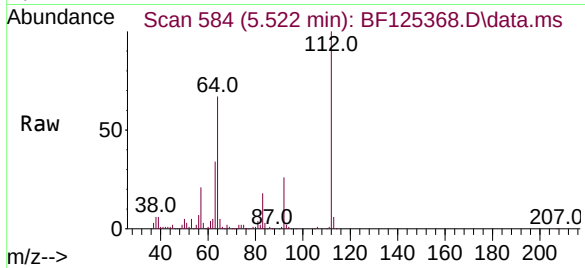




#5
2-Fluorophenol
Concen: 38.170 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.000 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

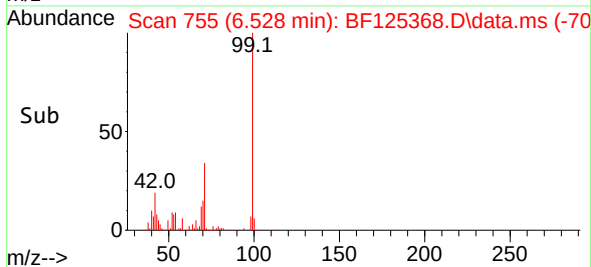
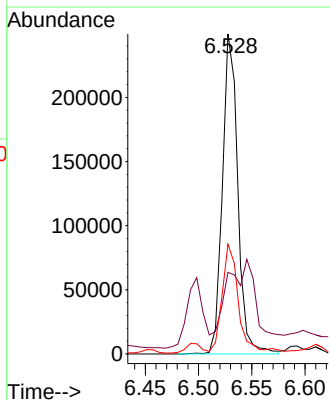
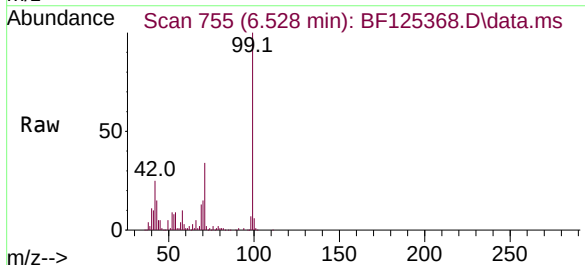
Instrument :
BNA_F
ClientSampleId :
1992

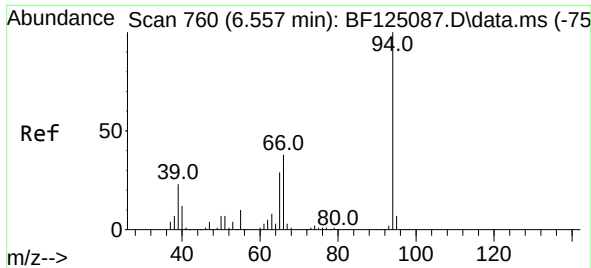
Tgt Ion:112 Resp: 320583
Ion Ratio Lower Upper
112 100
64 67.5 44.2 66.2#
63 34.3 26.2 39.2



#7
Phenol-d6
Concen: 22.905 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

Tgt Ion: 99 Resp: 248803
Ion Ratio Lower Upper
99 100
42 25.5 23.5 35.3
71 34.3 25.6 38.4

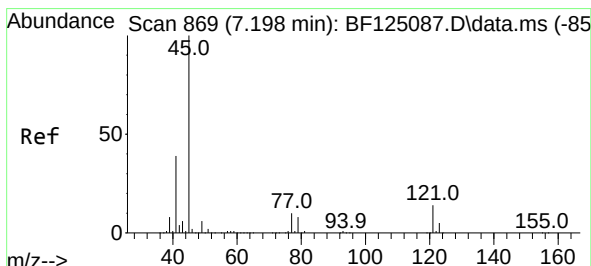
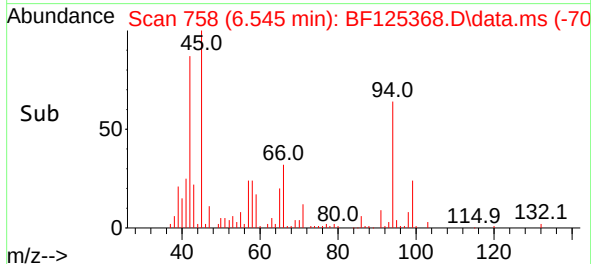
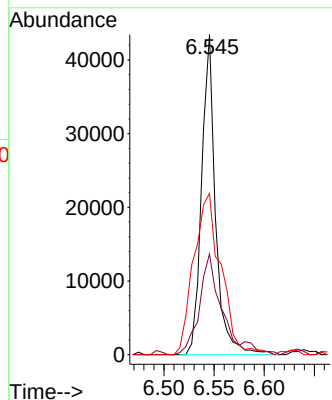
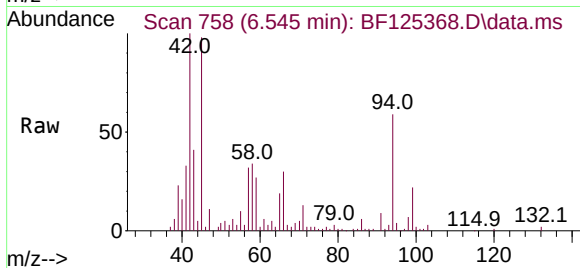




#10
Phenol
Concen: 3.703 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

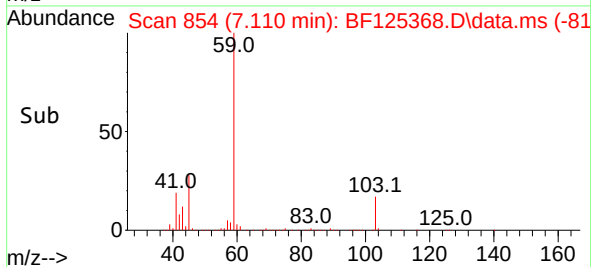
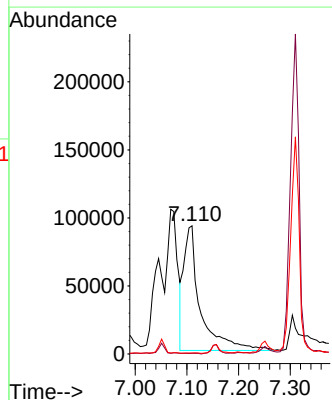
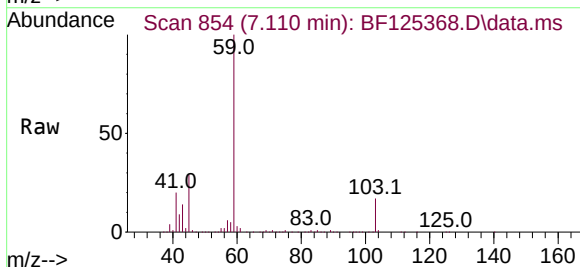
Instrument :
BNA_F
ClientSampled :
1992

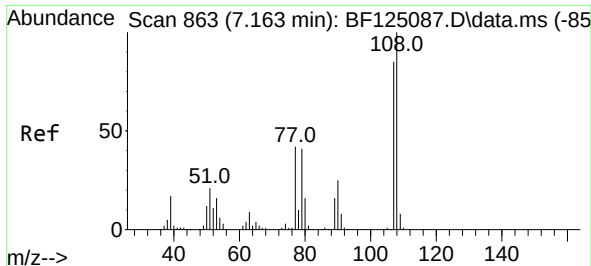
Tgt Ion: 94 Resp: 42119
Ion Ratio Lower Upper
94 100
65 31.5 9.3 49.3
66 50.4 20.3 60.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.423 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.065 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

Tgt Ion: 45 Resp: 205233
Ion Ratio Lower Upper
45 100
77 0.5 0.0 30.6
79 0.7 0.0 27.5

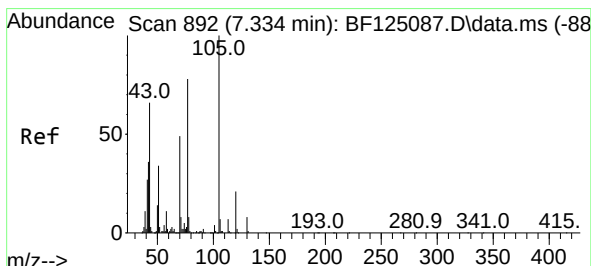
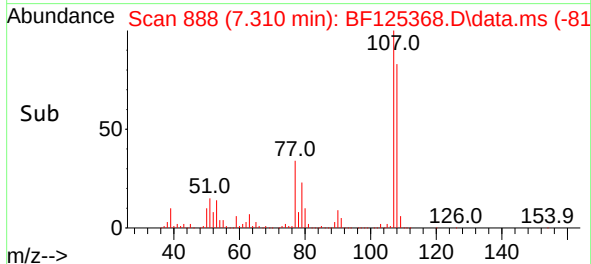
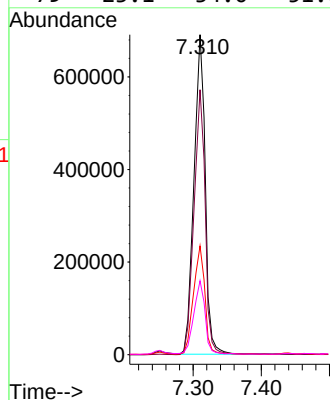
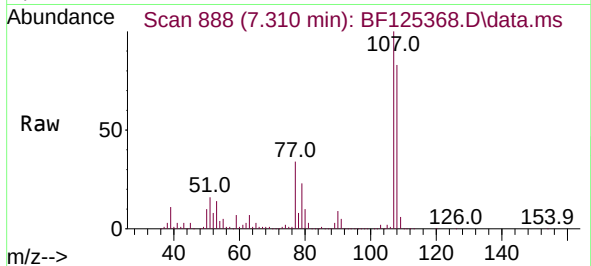




#17
2-Methylphenol
Concen: 109.743 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.159 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

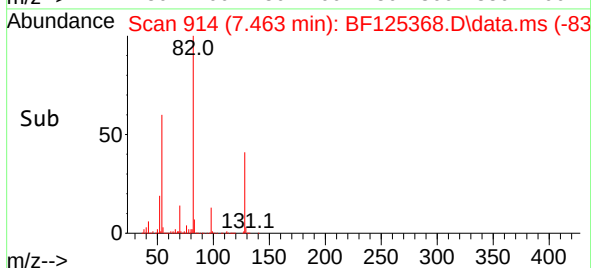
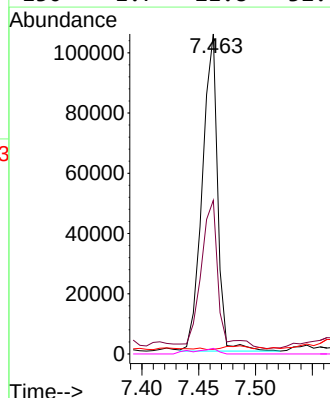
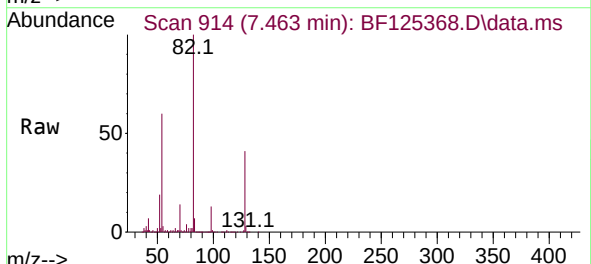
Instrument :
BNA_F
ClientSampleId :
1992

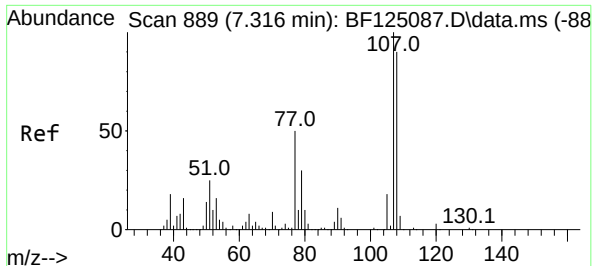
Tgt Ion:	107	Resp:	789864
Ion	Ratio	Lower	Upper
107	100		
108	82.8	90.6	135.8#
77	34.0	35.7	53.5#
79	23.1	34.0	51.0#



#19
n-Nitroso-di-n-propylamine
Concen: 15.202 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.153 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

Tgt Ion:	70	Resp:	99322
Ion	Ratio	Lower	Upper
70	100		
42	48.0	72.2	108.2#
101	1.4	7.8	11.8#
130	1.7	21.8	32.6#





#20

3+4-Methylphenols

Concen: 87.941 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.006 min

Lab File: BF125368.D

Acq: 4 Sep 2021 14:34

Tgt Ion:107 Resp: 794516

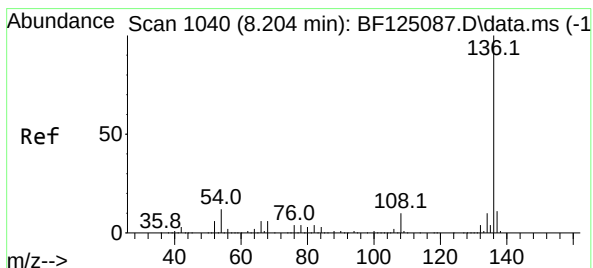
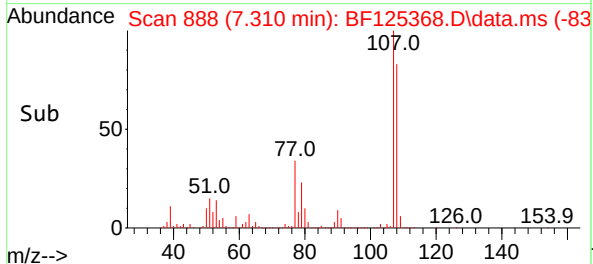
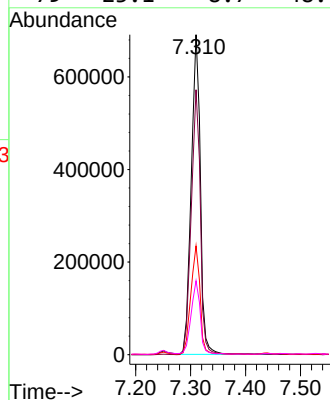
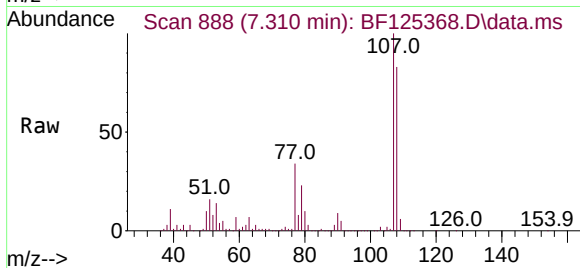
Ion Ratio Lower Upper

107 100

108 82.8 76.6 116.6

77 34.0 53.3 93.3#

79 23.1 8.7 48.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.180 min Scan# 1036

Delta R.T. -0.006 min

Lab File: BF125368.D

Acq: 4 Sep 2021 14:34

Tgt Ion:136 Resp: 467584

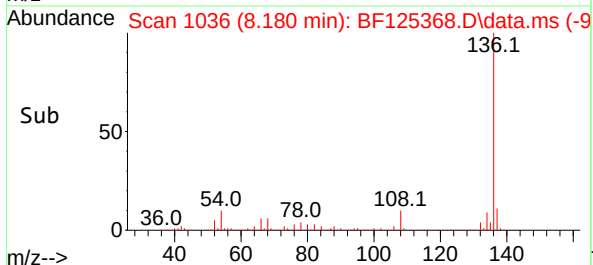
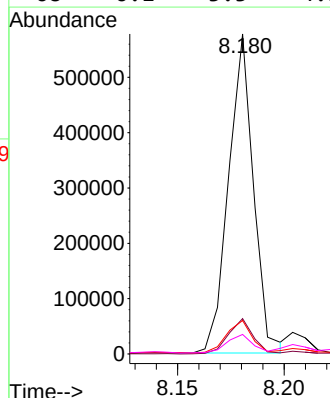
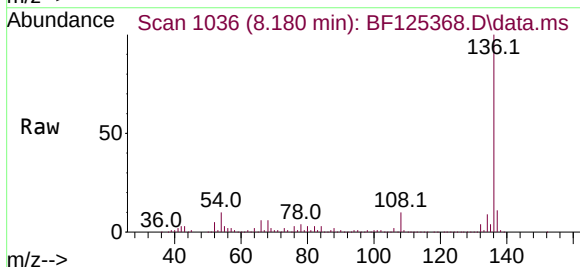
Ion Ratio Lower Upper

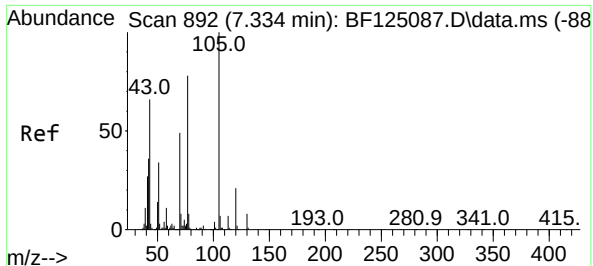
136 100

137 11.0 9.8 14.6

54 10.5 6.4 9.6#

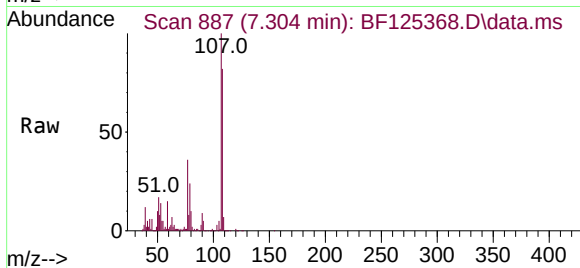
68 6.1 3.3 4.9#



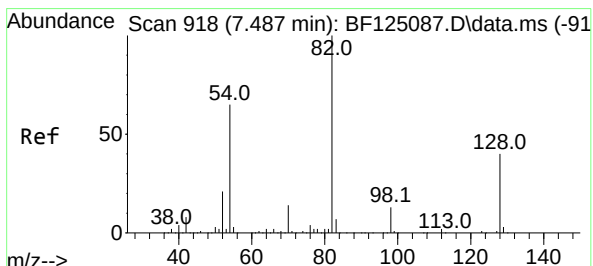
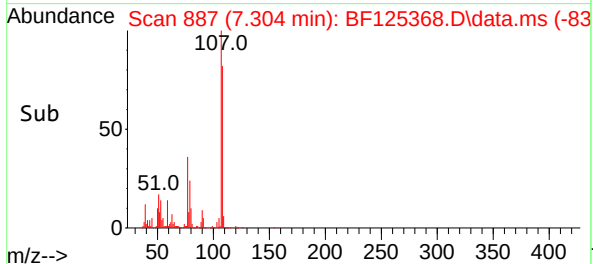
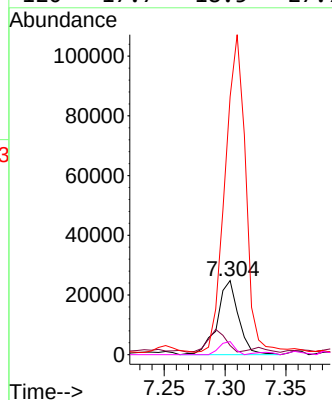


#22
Acetophenone
Concen: 2.514 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

Instrument :
BNA_F
ClientSampleId :
1992

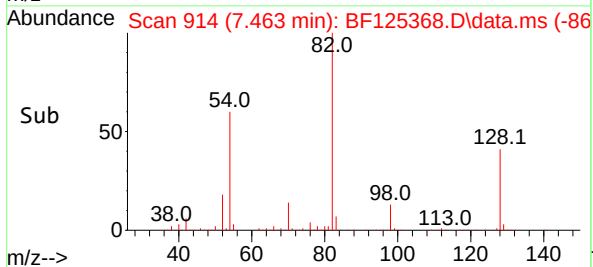
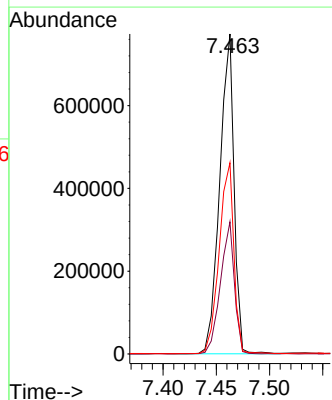
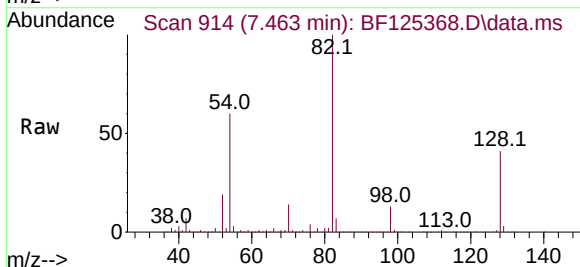


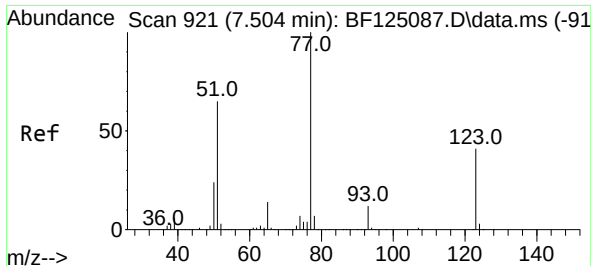
Tgt Ion:	105	Resp:	30250
Ion	Ratio	Lower	Upper
105	100		
71	12.3	5.5	8.3#
51	348.5	26.0	39.0#
120	17.7	18.5	27.7#



#23
Nitrobenzene-d5
Concen: 77.752 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

Tgt Ion:	82	Resp:	722141
Ion	Ratio	Lower	Upper
82	100		
128	41.3	40.6	60.8
54	59.8	49.6	74.4

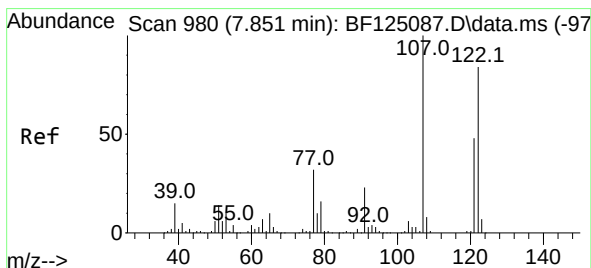
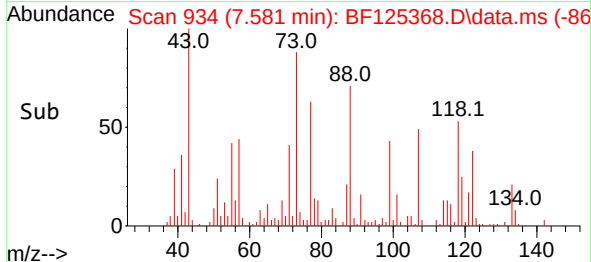
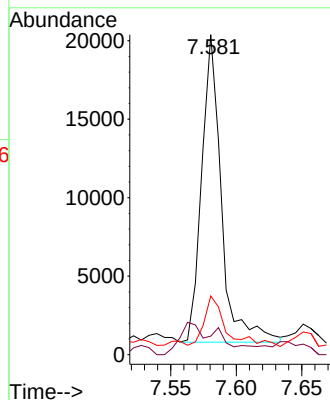
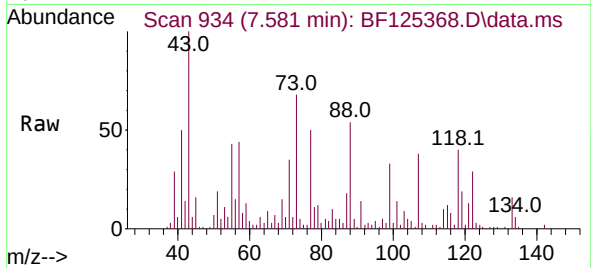




#24
Nitrobenzene
Concen: 2.027 ng
RT: 7.581 min Scan# 934
Delta R.T. 0.094 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

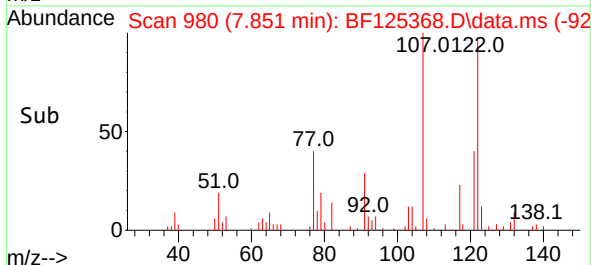
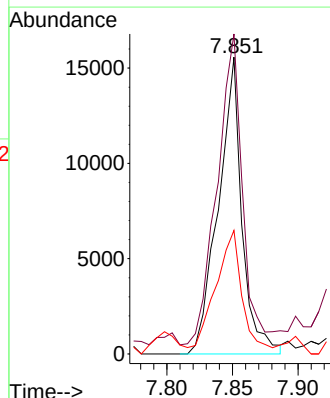
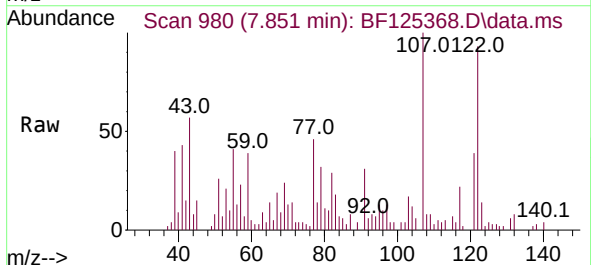
Instrument :
BNA_F
ClientSampleId :
1992

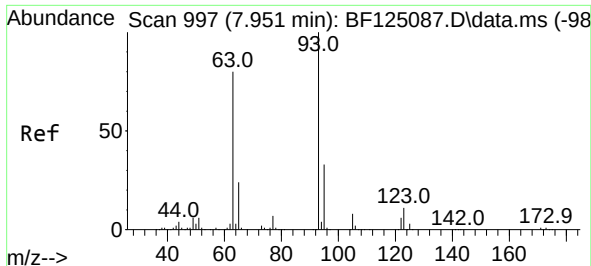
Tgt Ion: 77 Resp: 20515
Ion Ratio Lower Upper
77 100
123 5.8 42.3 63.5#
65 18.4 12.4 18.6



#27
2,4-Dimethylphenol
Concen: 2.752 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.018 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

Tgt Ion: 122 Resp: 19471
Ion Ratio Lower Upper
122 100
107 107.8 85.0 127.6
121 41.6 43.3 64.9#





#28

bis(2-Chloroethoxy)methane

Concen: 2.898 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF125368.D

Acq: 4 Sep 2021 14:34

Tgt Ion: 93 Resp: 28748

Ion Ratio Lower Upper

93 100

95 672.8 26.1 39.1#

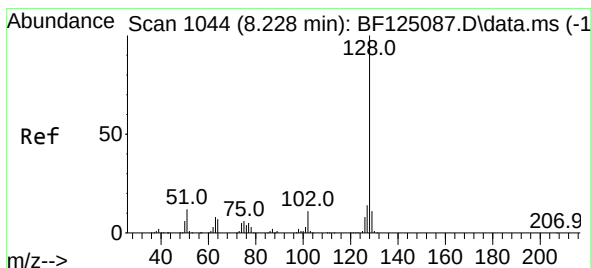
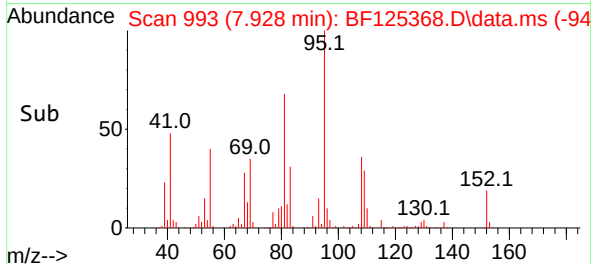
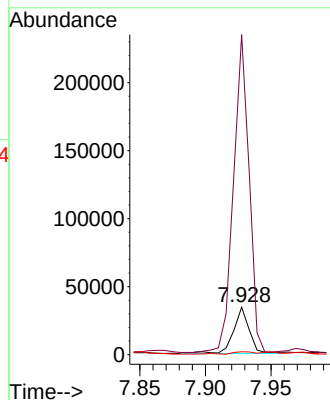
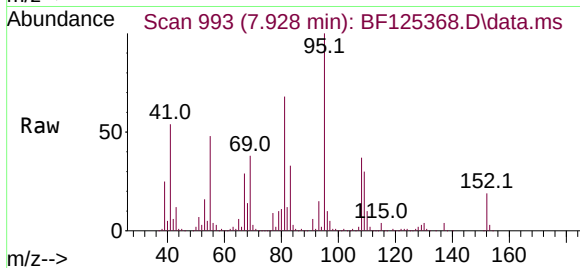
123 6.0 11.7 17.5#

Instrument :

BNA_F

ClientSampleId :

1992



#31

Naphthalene

Concen: 2.361 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF125368.D

Acq: 4 Sep 2021 14:34

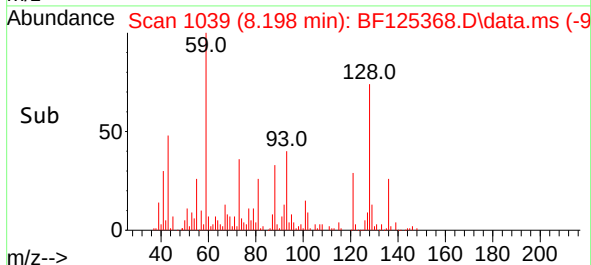
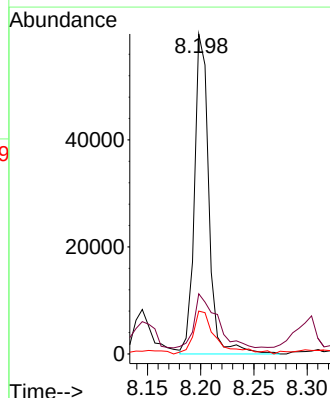
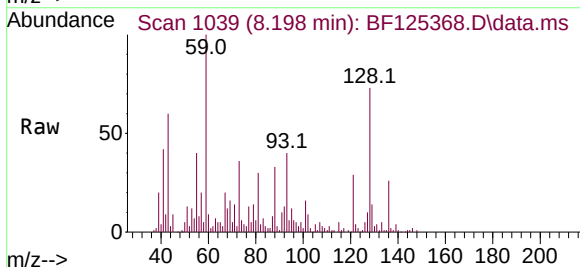
Tgt Ion:128 Resp: 56541

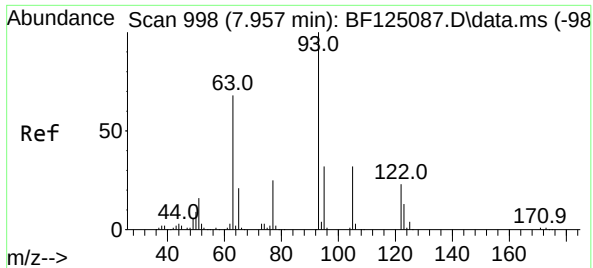
Ion Ratio Lower Upper

128 100

129 18.8 9.4 14.0#

127 13.4 10.9 16.3

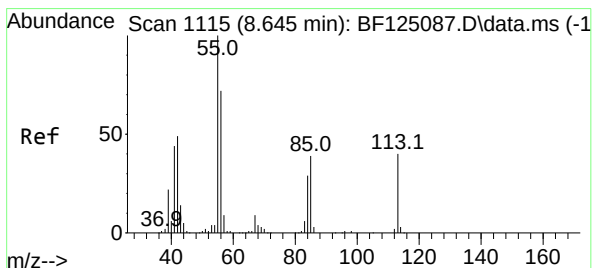
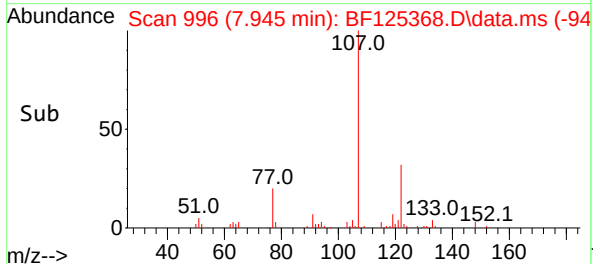
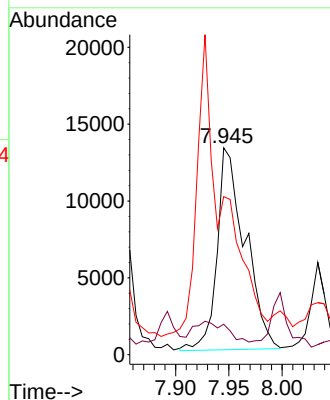
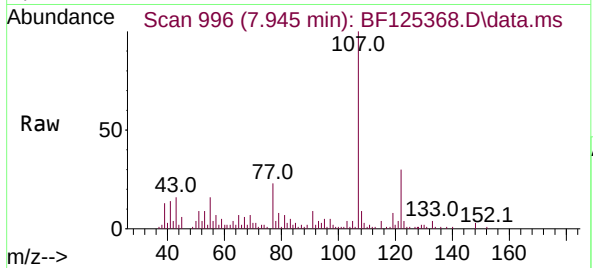




#32
Benzoic acid
Concen: 4.996 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.006 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

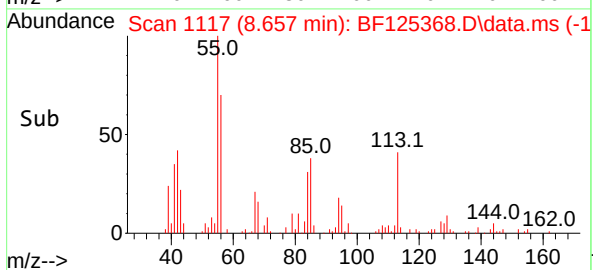
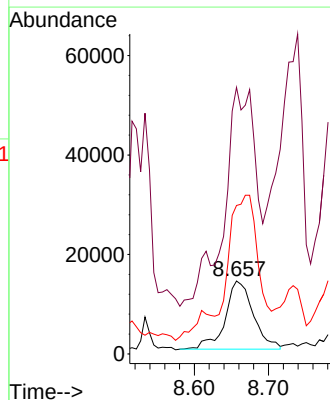
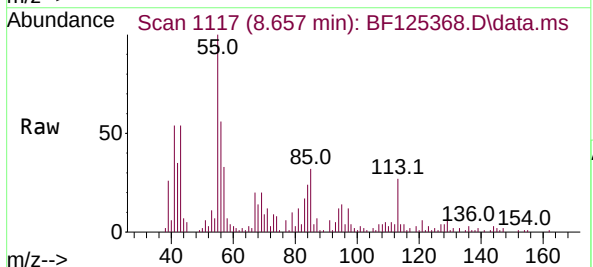
Instrument :
BNA_F
ClientSampleId :
1992

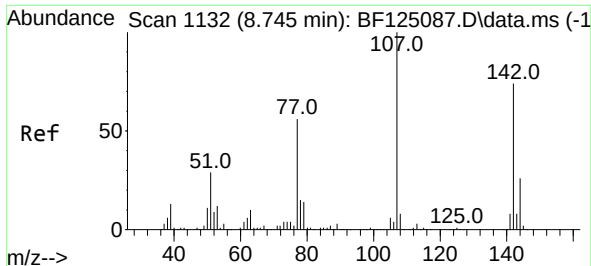
Tgt Ion:122 Resp: 23991
Ion Ratio Lower Upper
122 100
105 14.7 97.6 137.6#
77 76.4 59.6 99.6



#35
Caprolactam
Concen: 19.433 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.029 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

Tgt Ion:113 Resp: 36316
Ion Ratio Lower Upper
113 100
55 364.8 154.1 194.1#
56 203.2 108.7 148.7#

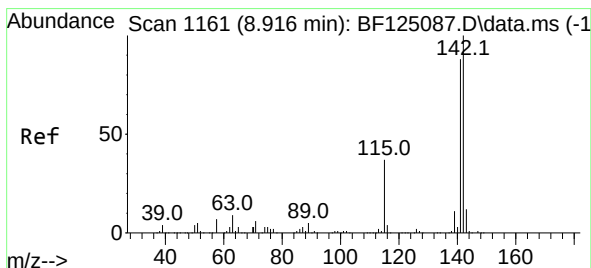
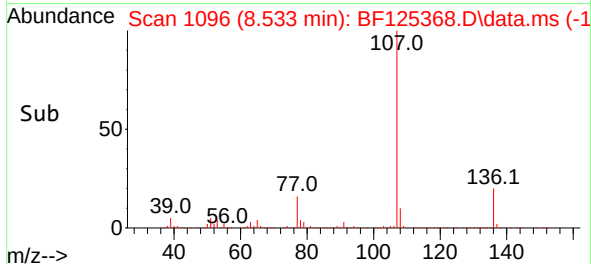
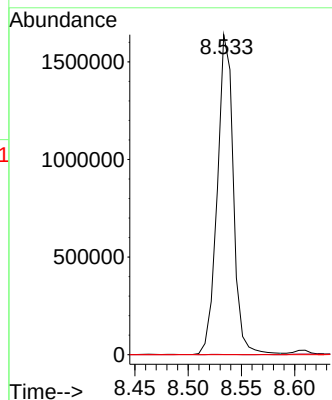
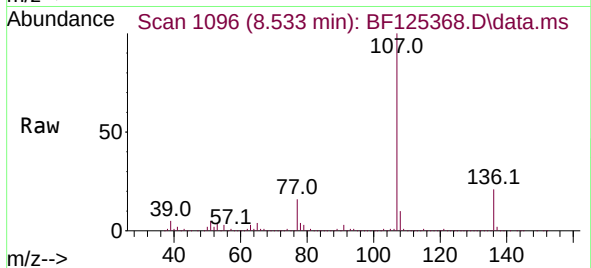




#36
4-Chloro-3-methylphenol
Concen: 233.433 ng
RT: 8.533 min Scan# 1096
Delta R.T. -0.200 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

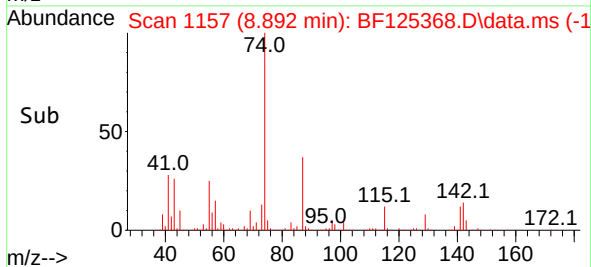
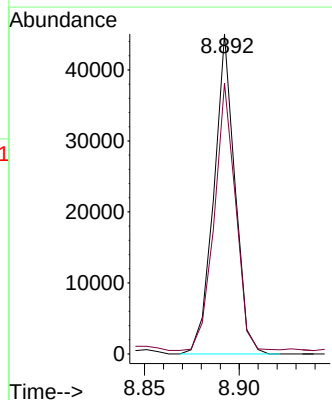
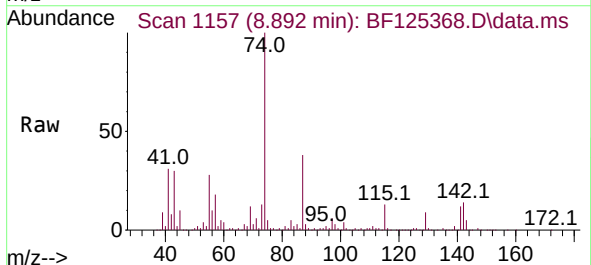
Instrument :
BNA_F
ClientSampled :
1992

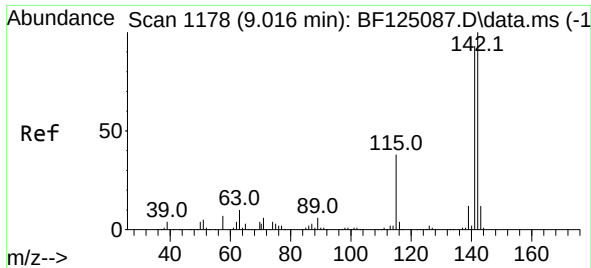
Tgt Ion:107 Resp: 1719341
Ion Ratio Lower Upper
107 100
144 0.1 21.9 32.9#
142 0.0 67.1 100.7#



#37
2-Methylnaphthalene
Concen: 2.214 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

Tgt Ion:142 Resp: 35039
Ion Ratio Lower Upper
142 100
141 84.6 71.2 106.8

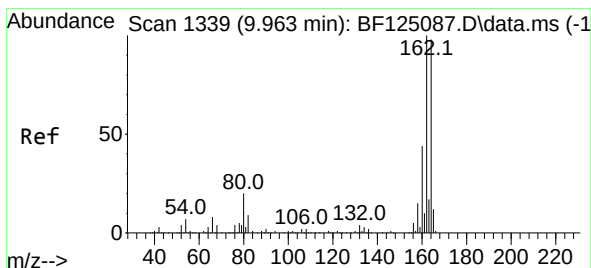
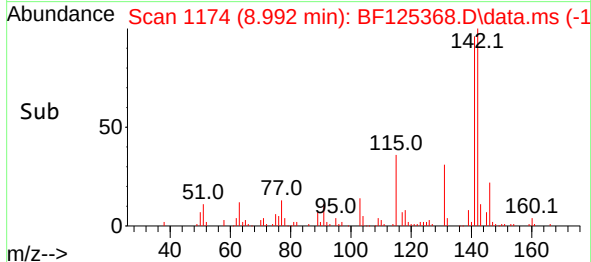
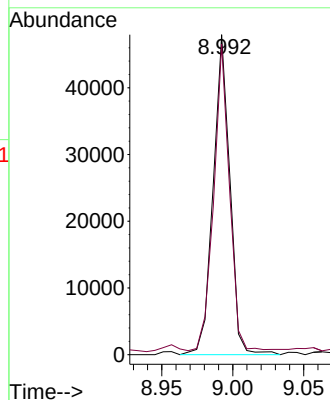
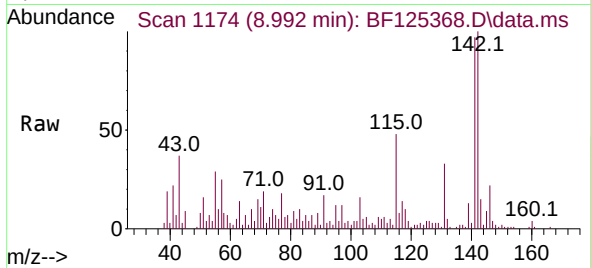




#38
1-Methylnaphthalene
Concen: 2.650 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

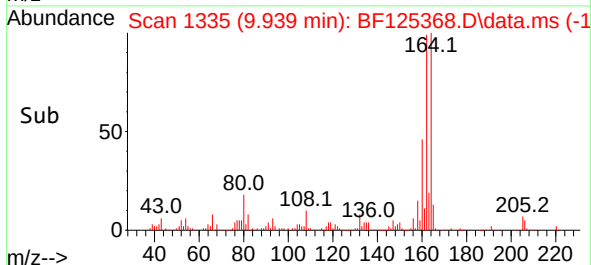
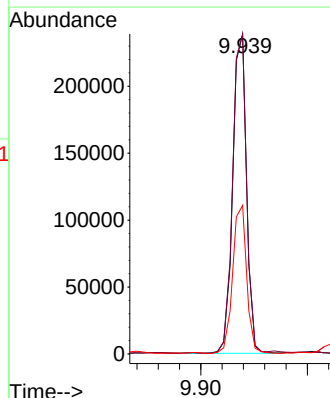
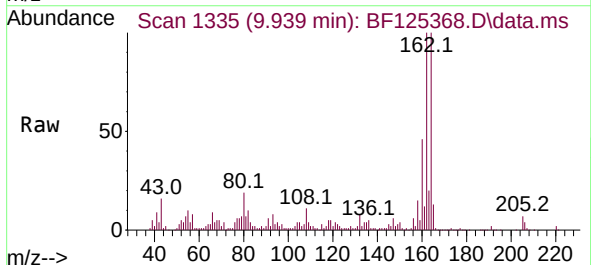
Instrument :
BNA_F
ClientSampled :
1992

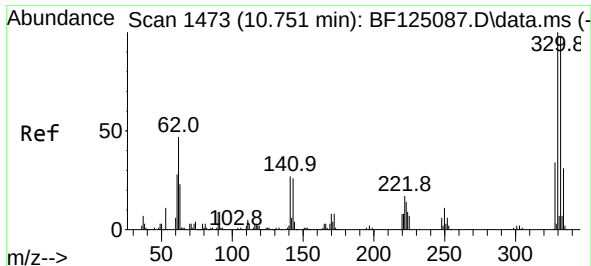
Tgt Ion:142 Resp: 39153
Ion Ratio Lower Upper
142 100
141 97.0 76.0 114.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

Tgt Ion:164 Resp: 214811
Ion Ratio Lower Upper
164 100
162 99.7 81.3 121.9
160 46.4 38.0 57.0

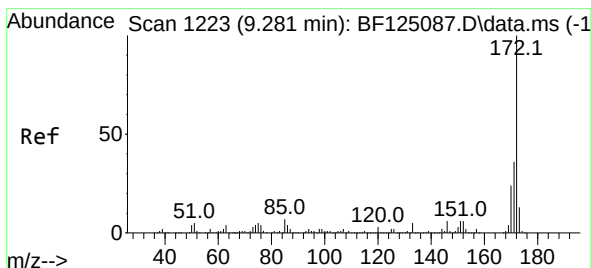
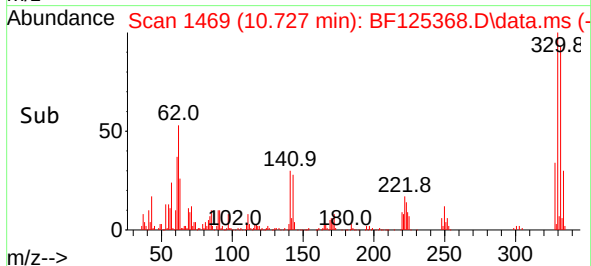
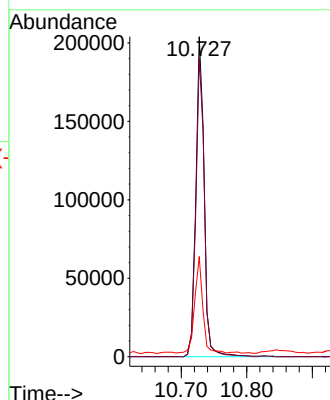
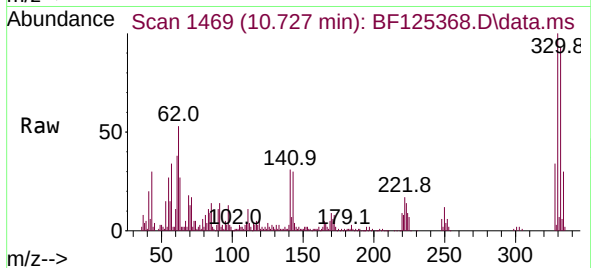




#42
2,4,6-Tribromophenol
Concen: 83.930 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

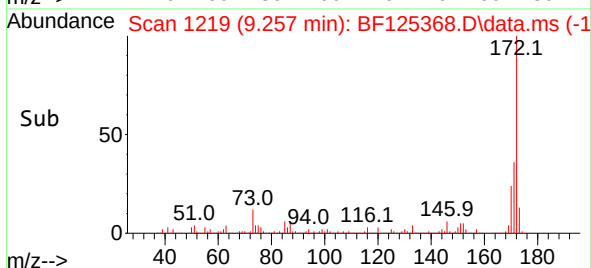
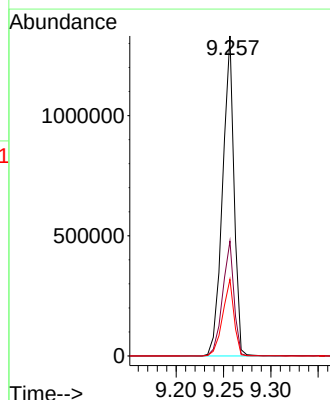
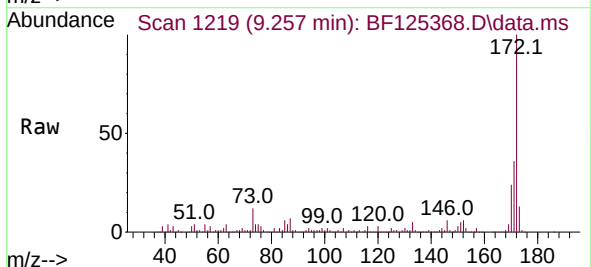
Instrument :
BNA_F
ClientSampleId :
1992

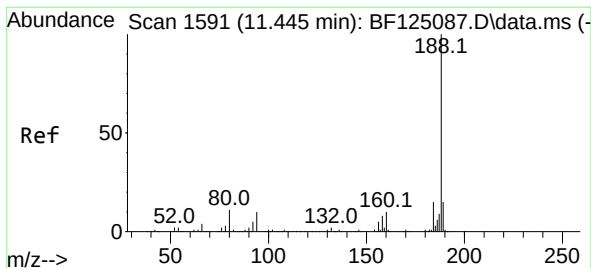
Tgt Ion:330 Resp: 179970
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 29.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 73.163 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

Tgt Ion:172 Resp: 1127639
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.0 18.8 28.2

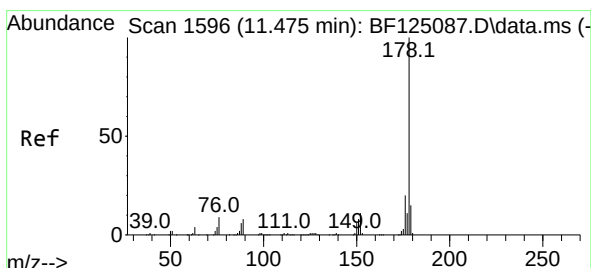
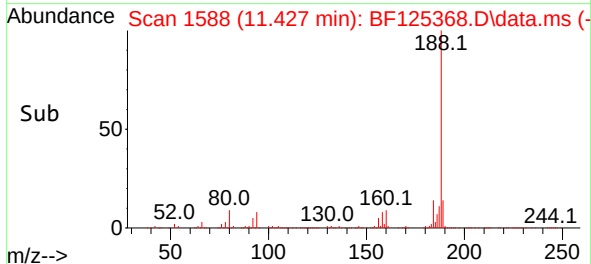
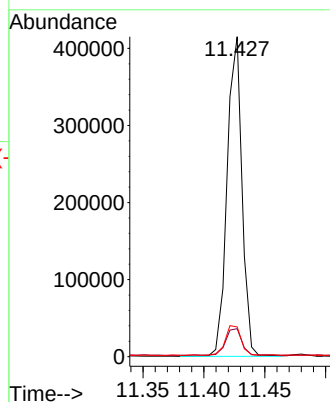
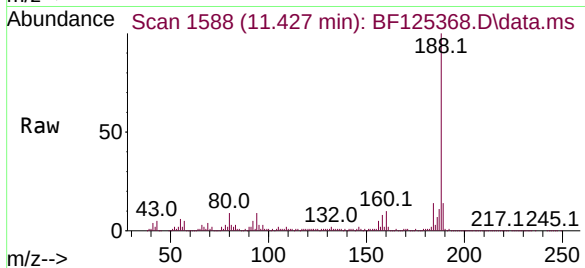




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

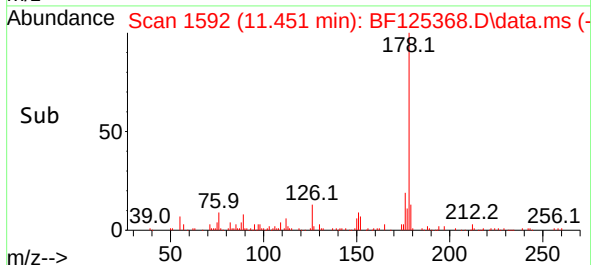
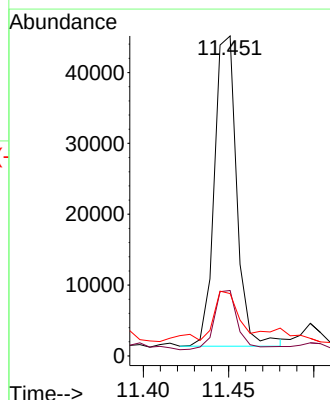
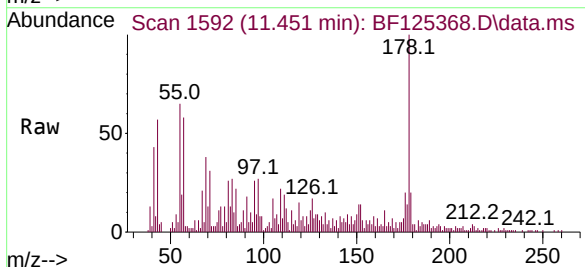
Instrument :
BNA_F
ClientSampleId :
1992

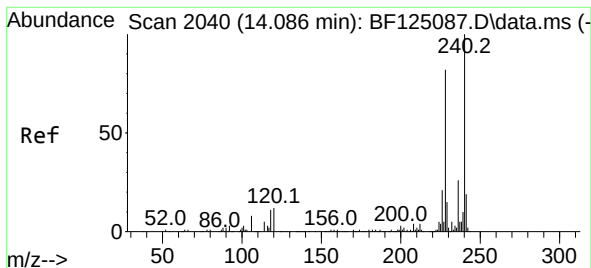
Tgt Ion:188 Resp: 351356
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 9.3 7.5 11.3



#71
Phenanthrene
Concen: 2.064 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

Tgt Ion:178 Resp: 39968
Ion Ratio Lower Upper
178 100
176 20.5 14.7 22.1
179 19.5 11.5 17.3#

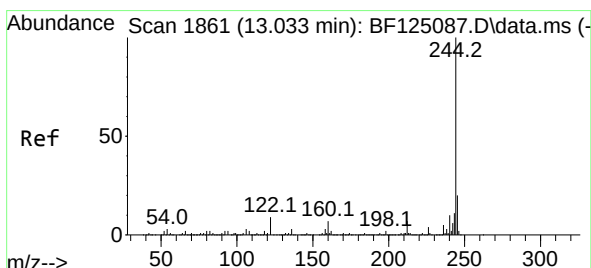
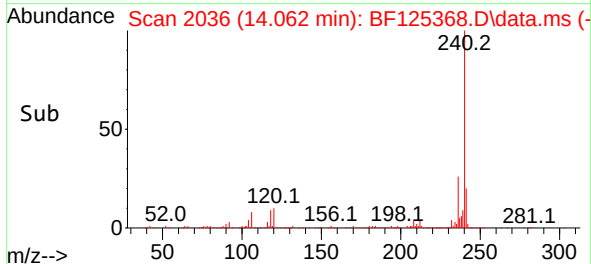
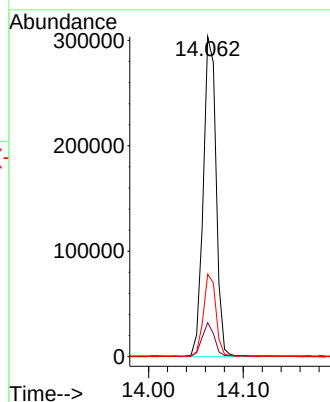
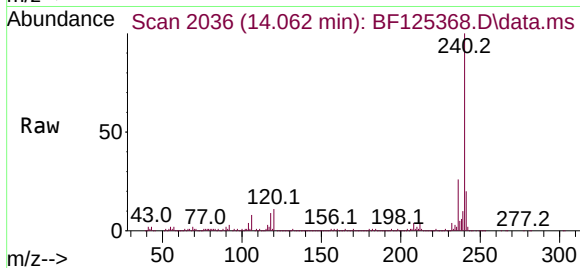




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

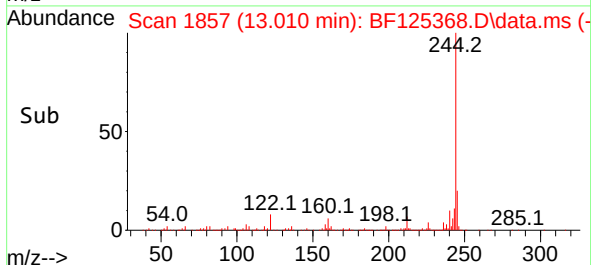
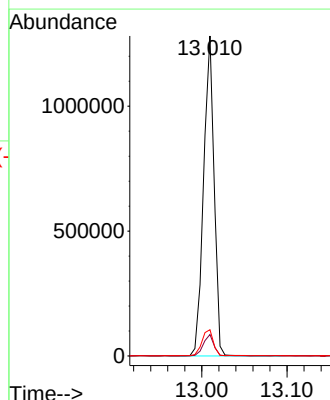
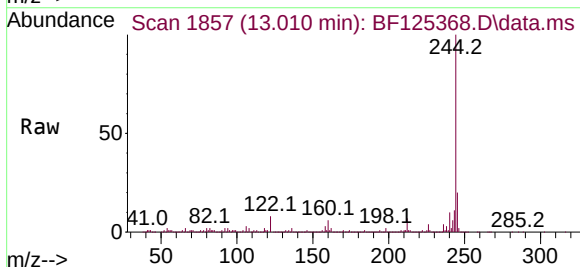
Instrument :
BNA_F
ClientSampleId :
1992

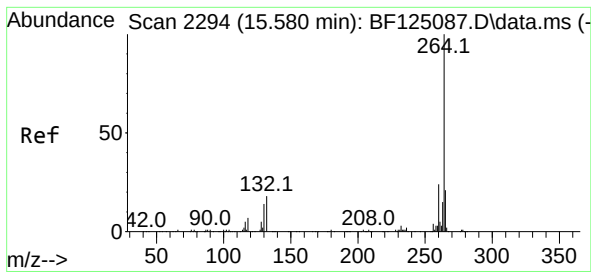
Tgt Ion:240 Resp: 286380
Ion Ratio Lower Upper
240 100
120 10.6 10.8 16.2#
236 25.8 21.6 32.4



#79
Terphenyl-d14
Concen: 61.181 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

Tgt Ion:244 Resp: 1099821
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 8.2 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2290
 Delta R.T. -0.000 min
 Lab File: BF125368.D
 Acq: 4 Sep 2021 14:34

Instrument :
 BNA_F
 ClientSampleId :
 1992

Tgt Ion:264 Resp: 327226
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.6 29.4
 265 21.2 17.2 25.8

