

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)

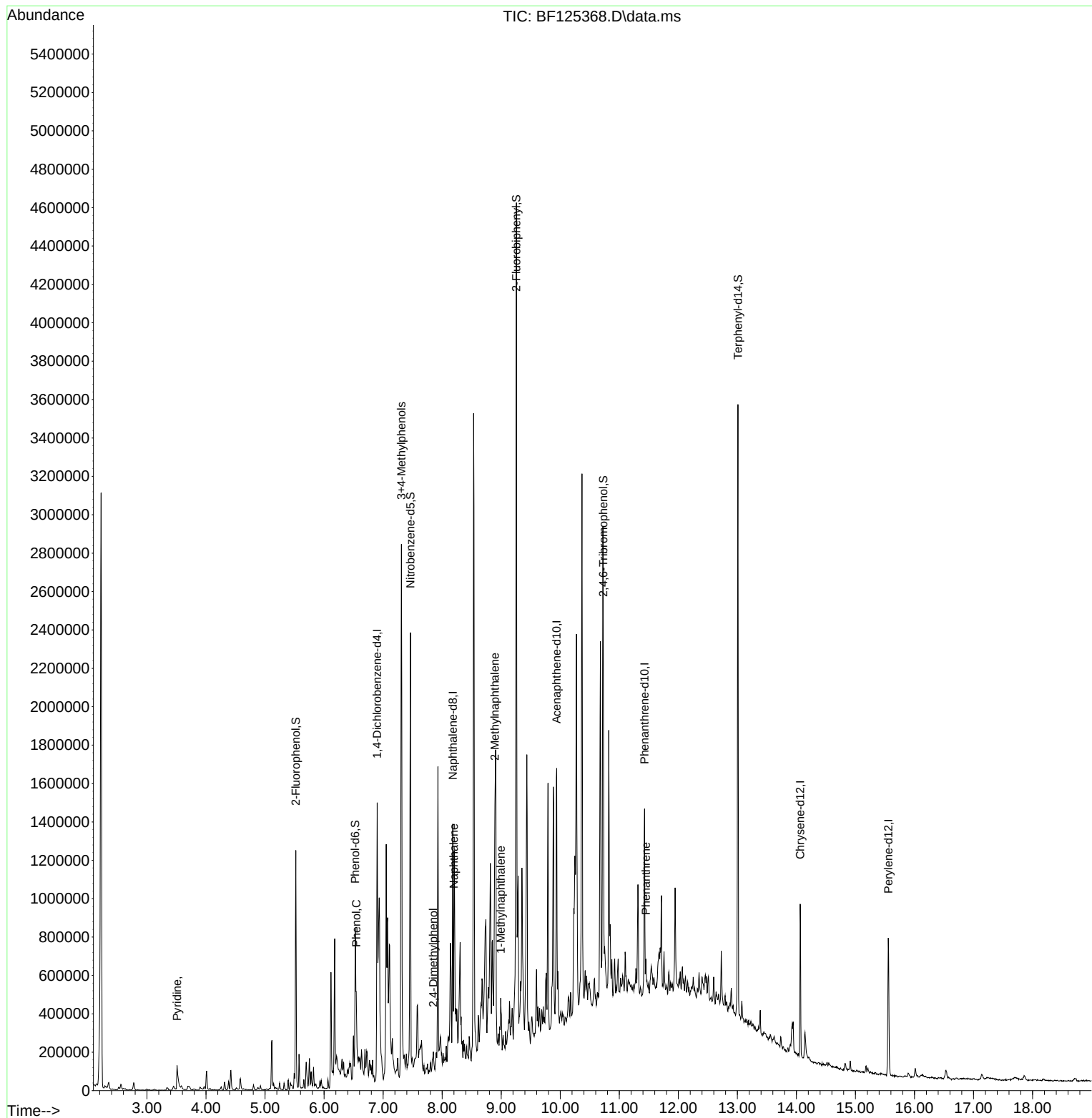
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	127125	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	467584	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	214811	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	351356	20.000	ng	0.00
76) Chrysene-d12	14.062	240	286380	20.000	ng	# 0.00
86) Perylene-d12	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
20) 3+4-Methylphenols	7.310	107	794516	87.941	ng	# 74
27) 2,4-Dimethylphenol	7.851	122	19471	2.752	ng	# 93
31) Naphthalene	8.198	128	56541	2.361	ng	# 91
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

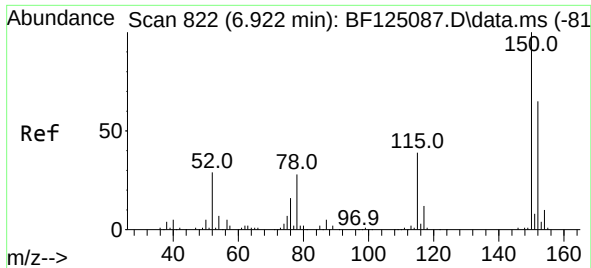
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 03 11:56:34 2021
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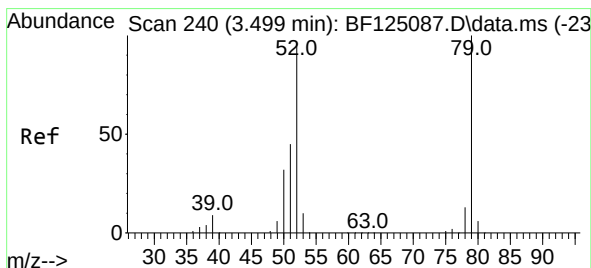
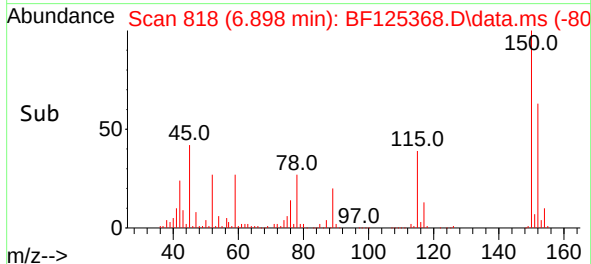
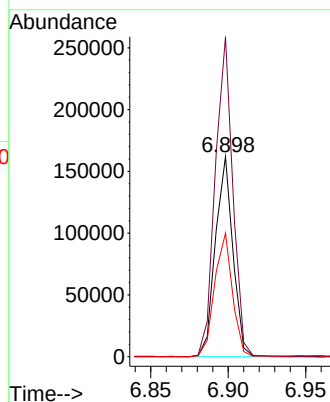
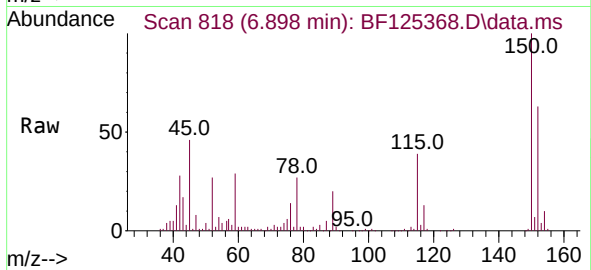




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

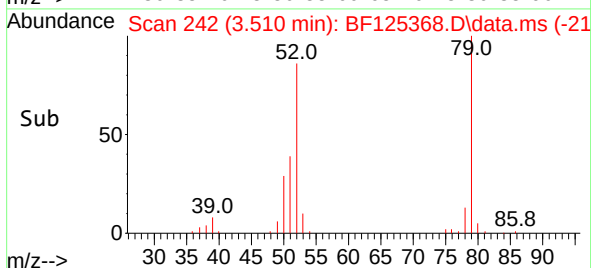
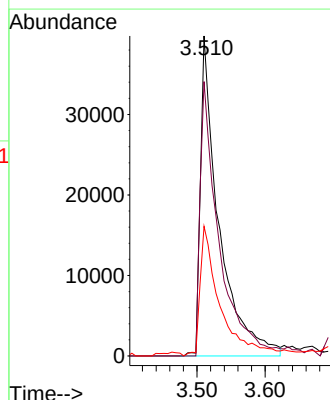
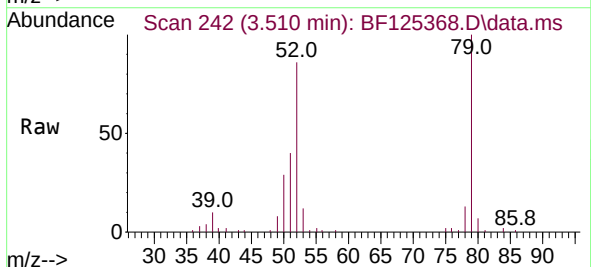
Instrument :
BNA_F
ClientSampleId :
1992

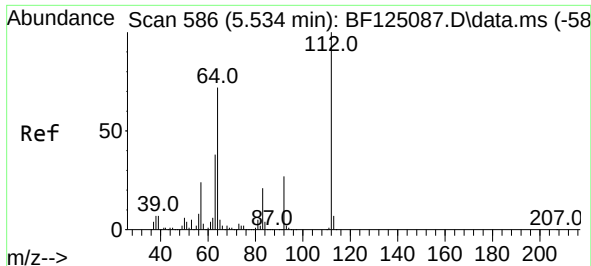
Tgt Ion:152 Resp: 127125
Ion Ratio Lower Upper
152 100
150 160.0 117.6 176.4
115 61.8 47.1 70.7



#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#

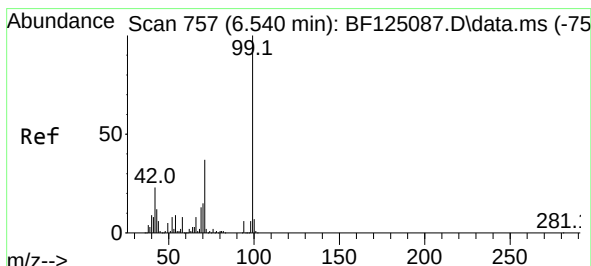
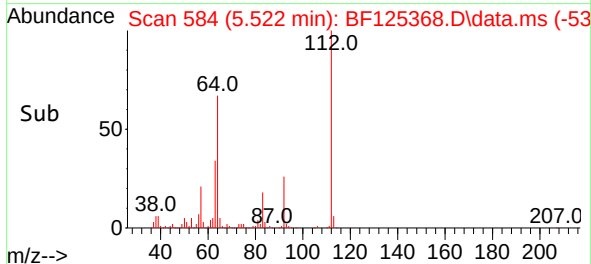
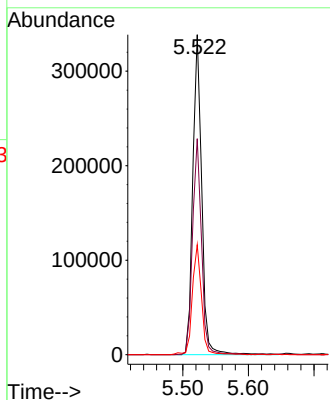
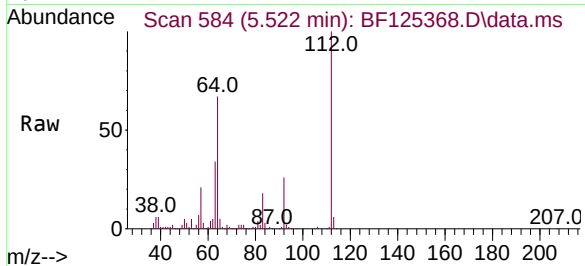




#5
2-Fluorophenol
Concen: 38.170 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.000 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

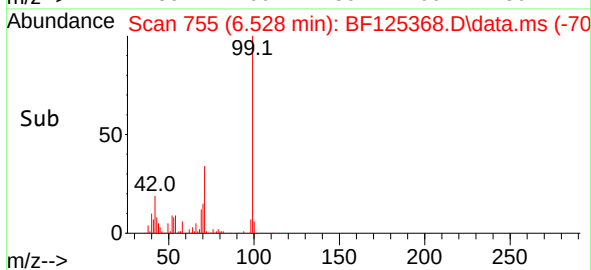
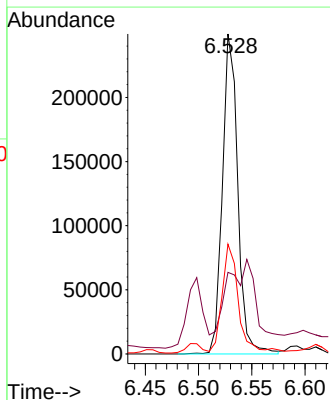
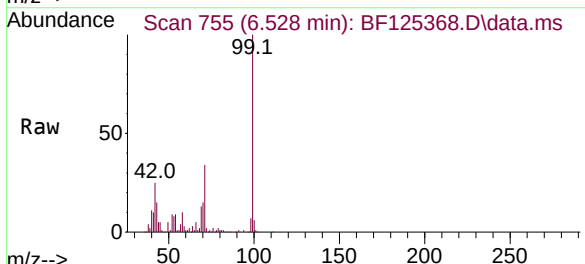
Instrument :
BNA_F
ClientSampleId :
1992

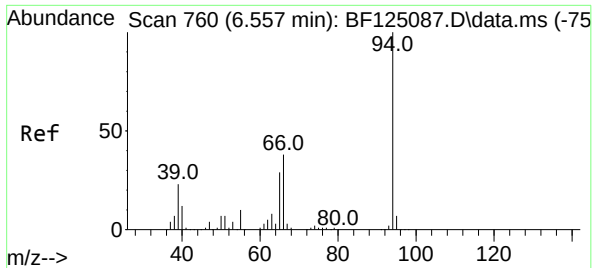
Tgt Ion:112 Resp: 320583
Ion Ratio Lower Upper
112 100
64 67.5 44.2 66.2#
63 34.3 26.2 39.2



#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

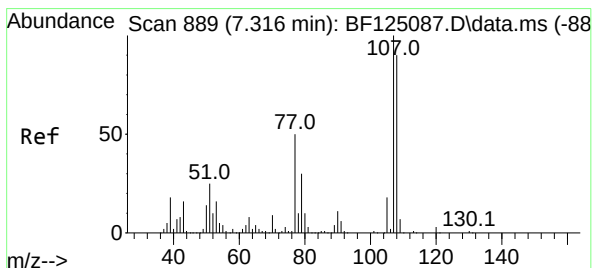
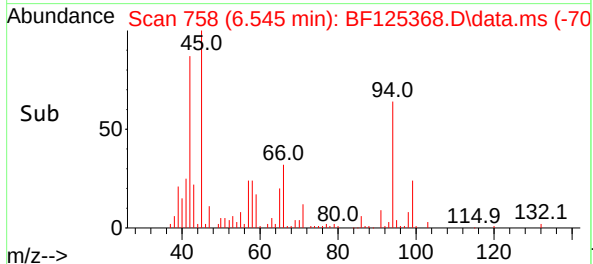
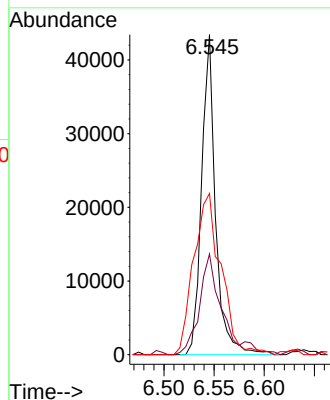
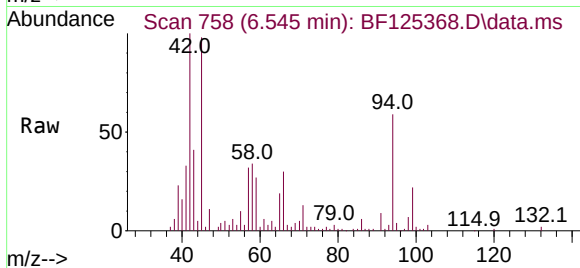




#10
Phenol
Concen: 3.703 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

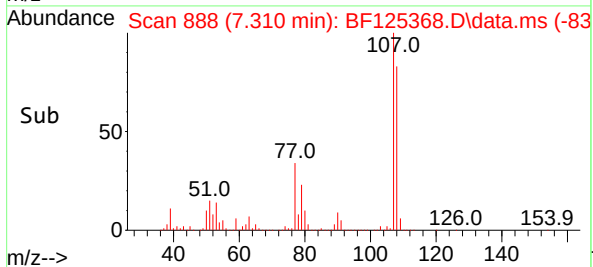
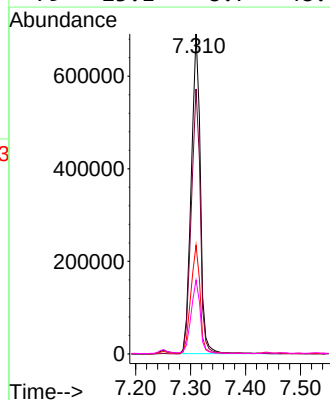
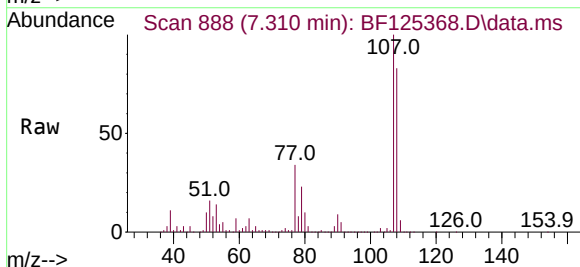
Instrument :
BNA_F
ClientSampleId :
1992

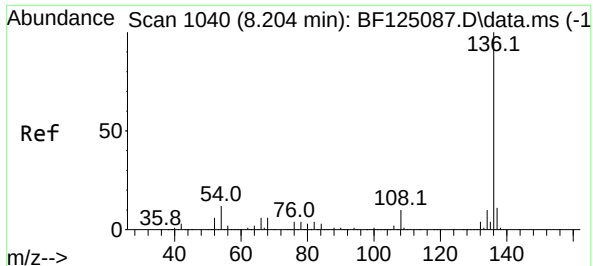
Tgt Ion: 94 Resp: 42119
Ion Ratio Lower Upper
94 100
65 31.5 9.3 49.3
66 50.4 20.3 60.3



#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

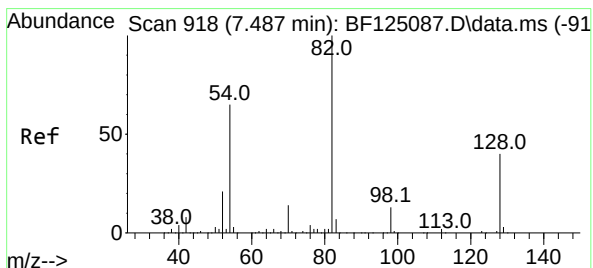
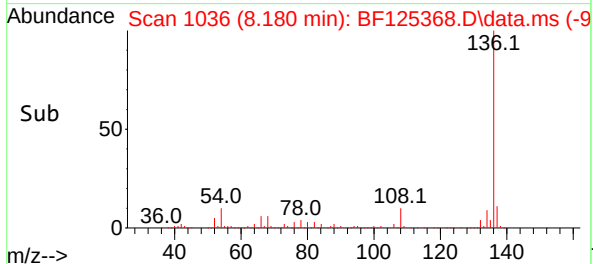
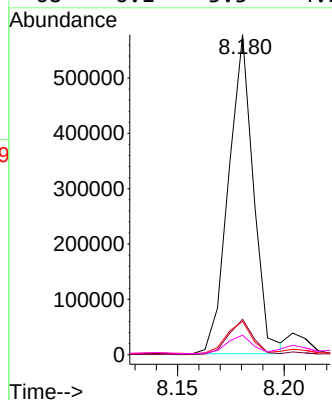
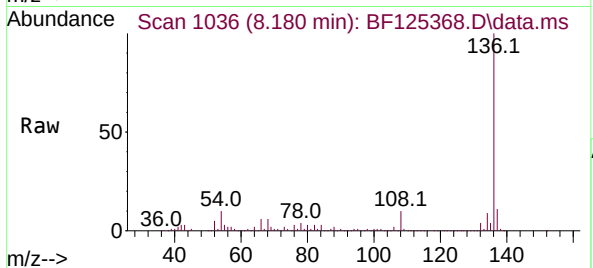




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

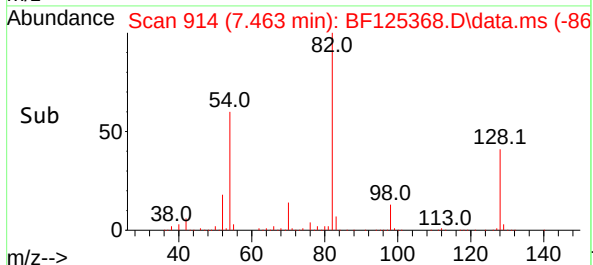
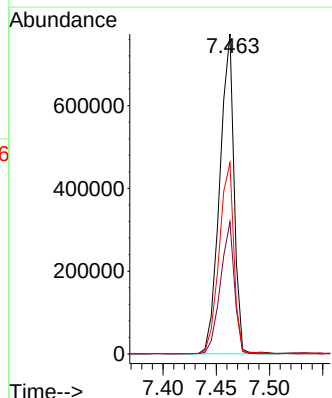
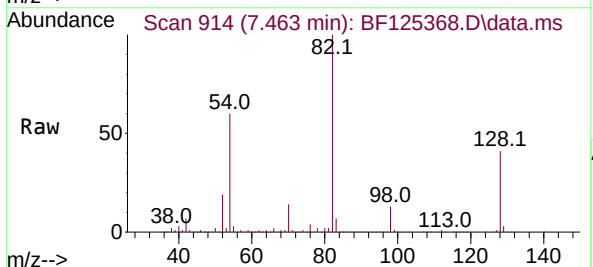
Instrument :
BNA_F
ClientSampleId :
1992

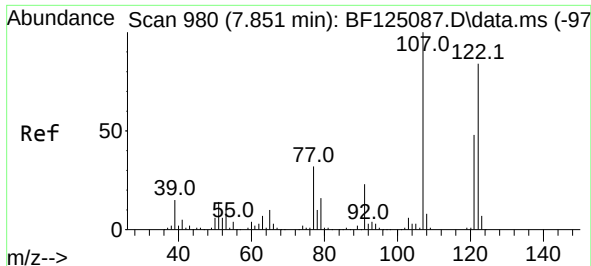
Tgt Ion:136 Resp: 467584
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 10.5 6.4 9.6#
68 6.1 3.3 4.9#



#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

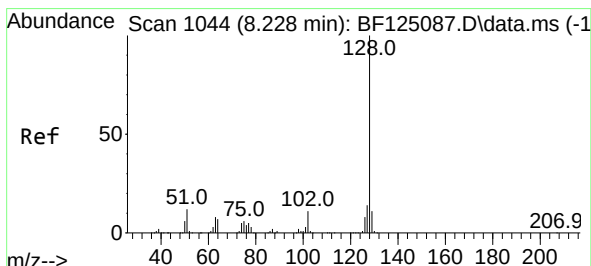
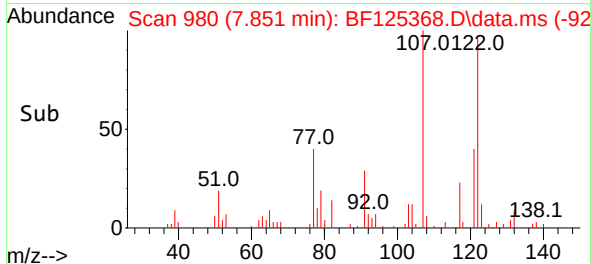
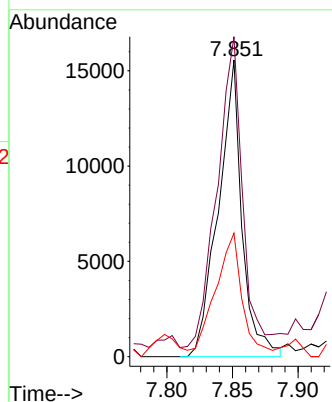
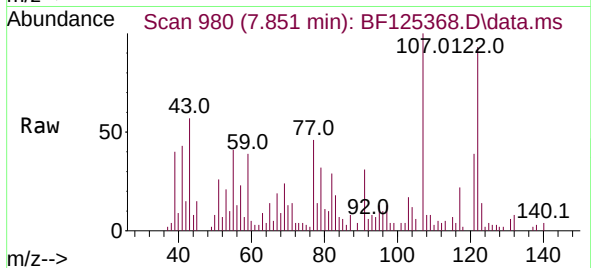




#27
2,4-Dimethylphenol
Concen: 2.752 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.018 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

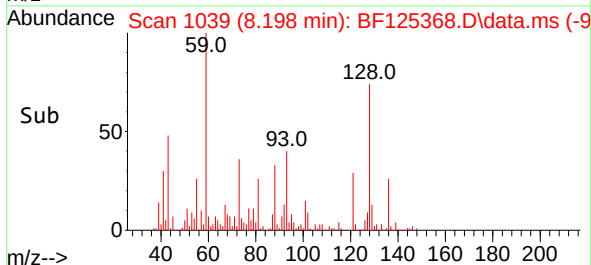
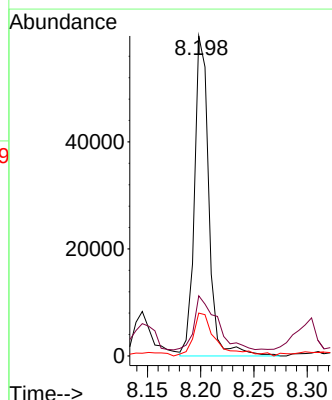
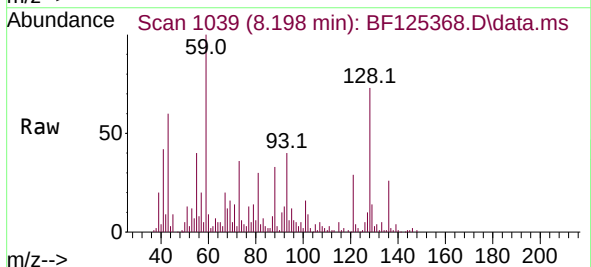
Instrument :
BNA_F
ClientSampleId :
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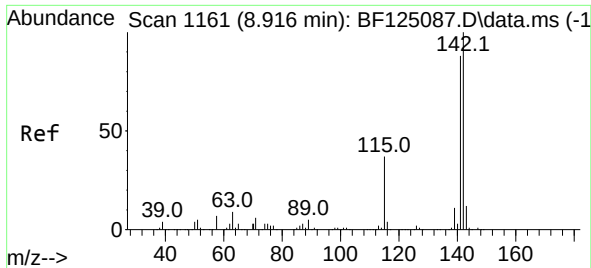
Tgt Ion:122 Resp: 19471
Ion Ratio Lower Upper
122 100
107 107.8 85.0 127.6
121 41.6 43.3 64.9#



#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

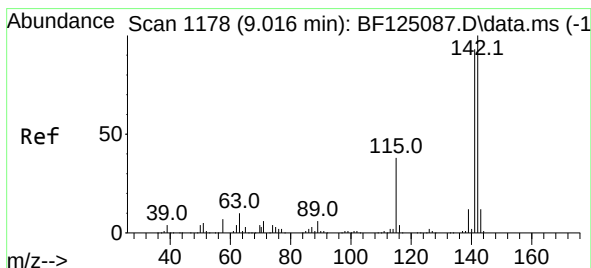
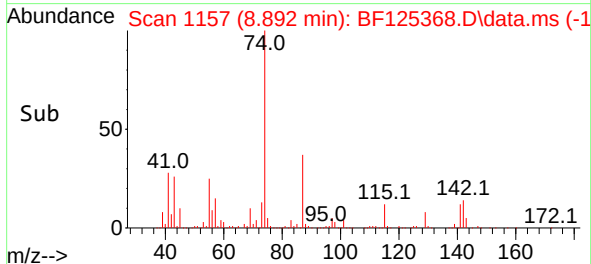
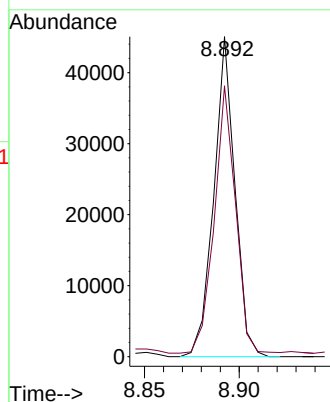
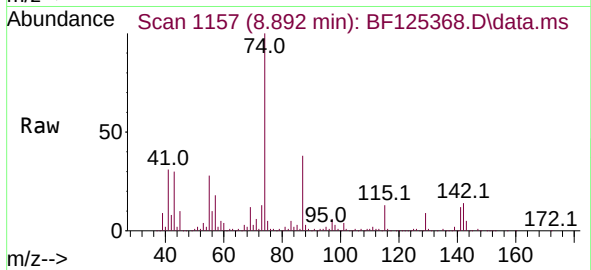




#37
2-Methylnaphthalene
Concen: 2.214 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

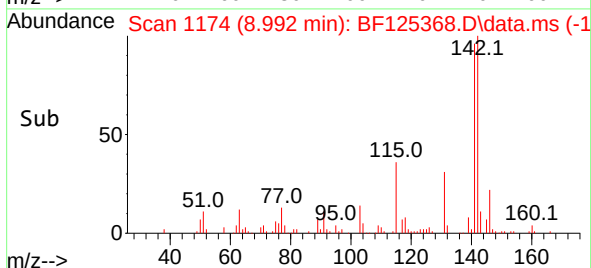
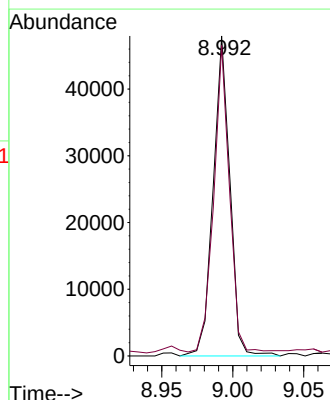
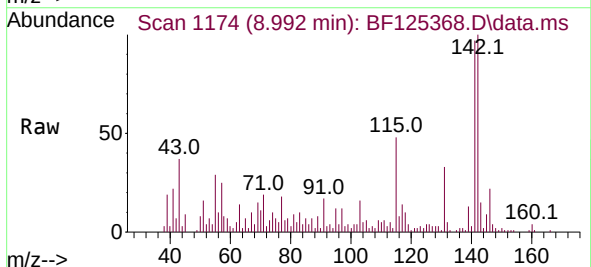
Instrument :
BNA_F
ClientSampleId :
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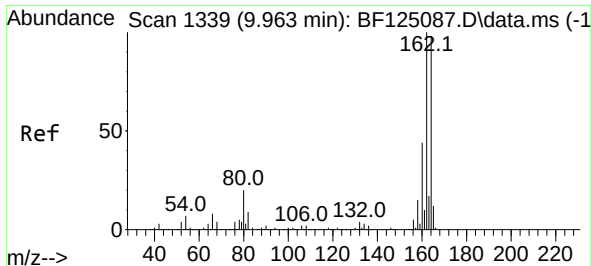
Tgt Ion:142 Resp: 35039
Ion Ratio Lower Upper
142 100
141 84.6 71.2 106.8



#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

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

Instrument :

BNA_F

ClientSampleId :

1992

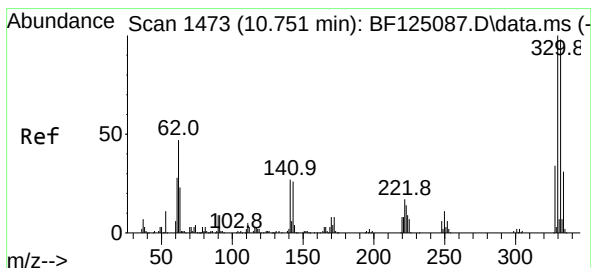
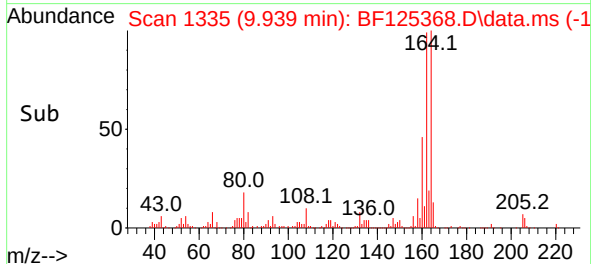
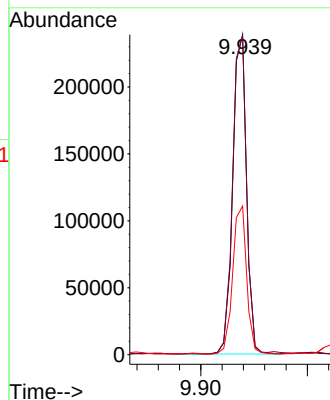
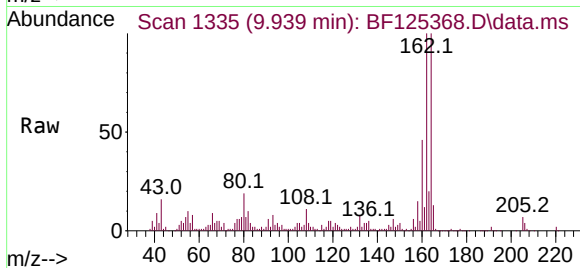
Tgt Ion:164 Resp: 214811

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

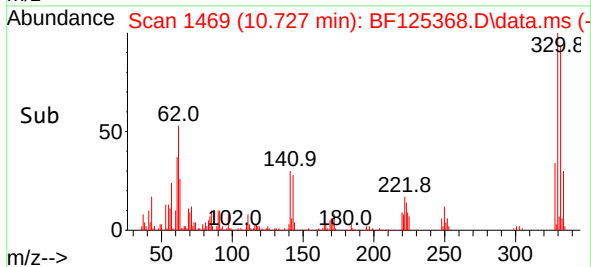
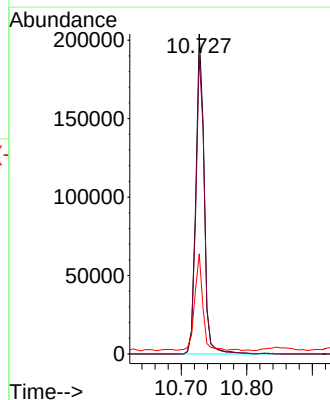
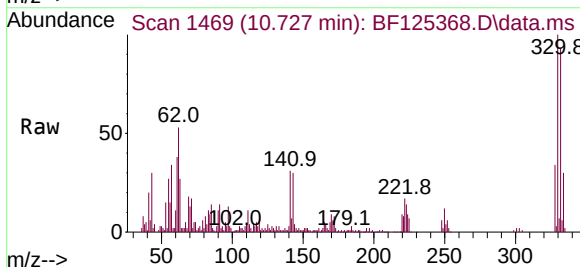
Tgt Ion:330 Resp: 179970

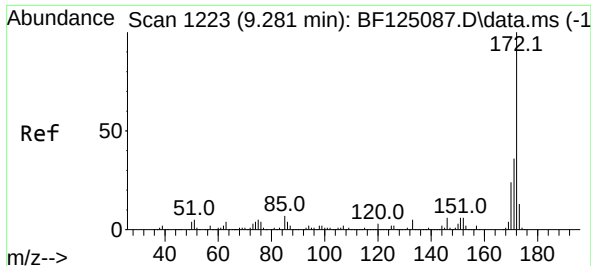
Ion Ratio Lower Upper

330 100

332 94.8 76.2 114.4

141 29.1 44.6 66.8#

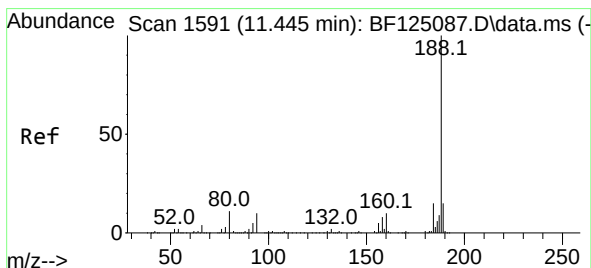
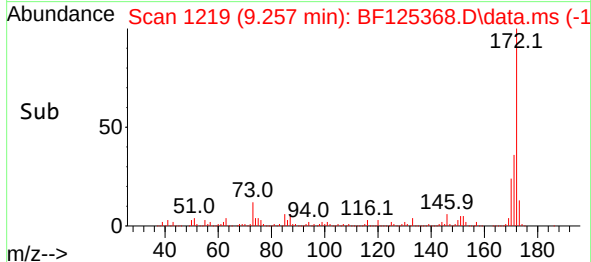
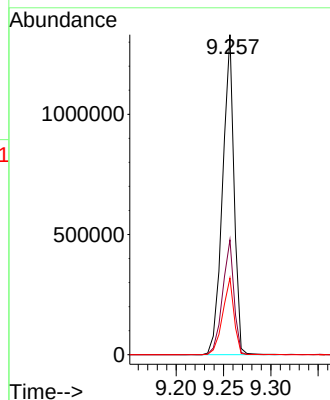
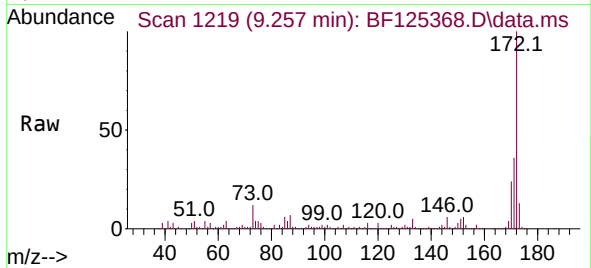




#45
2-Fluorobiphenyl
Concen: 73.163 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

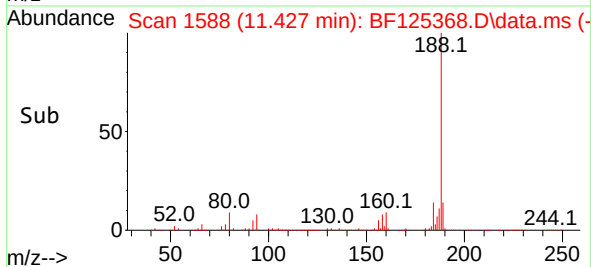
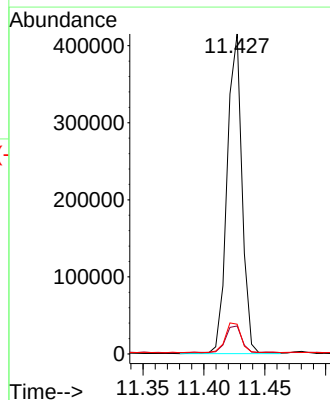
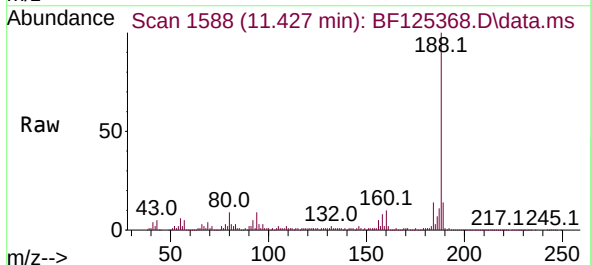
Instrument :
BNA_F
ClientSampled :
1992

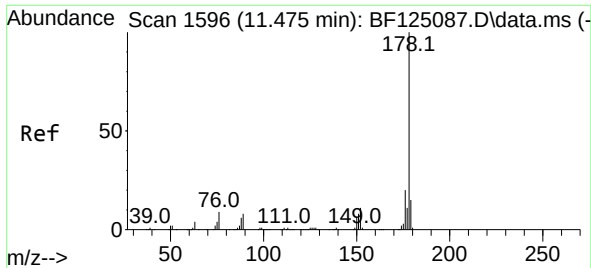
Tgt Ion:172 Resp: 1127639
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.0 18.8 28.2



#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

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

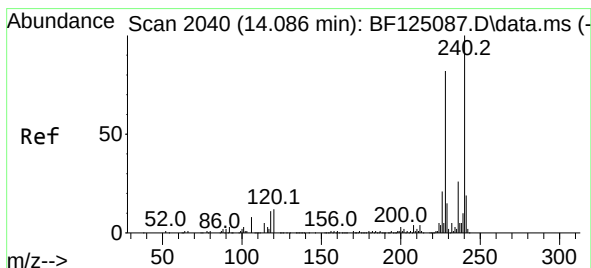
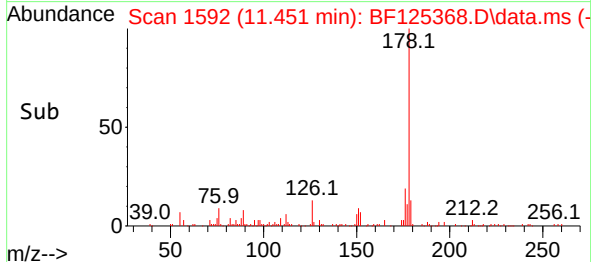
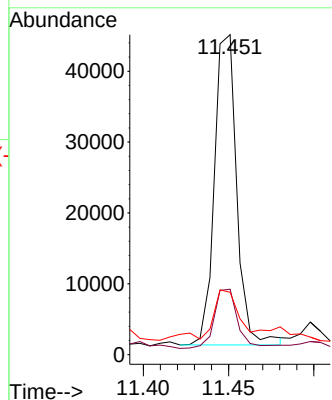
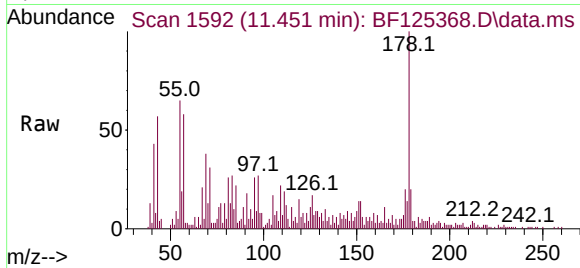




#71
Phenanthrene
Concen: 2.064 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

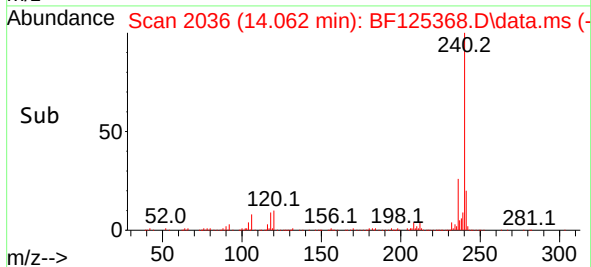
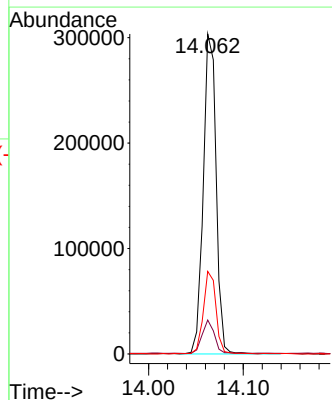
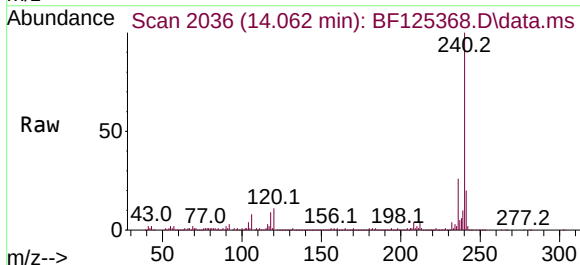
Instrument :
BNA_F
ClientSampled :
1992

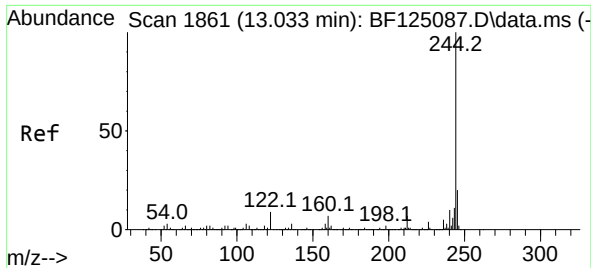
Tgt Ion:178 Resp: 39968
Ion Ratio Lower Upper
178 100
176 20.5 14.7 22.1
179 19.5 11.5 17.3#



#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

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

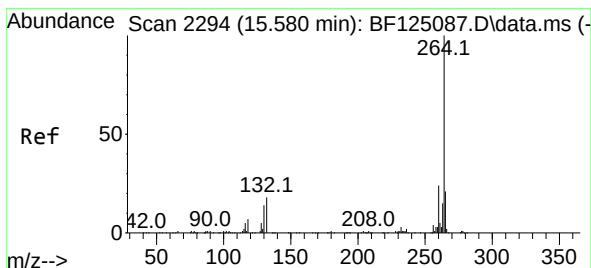
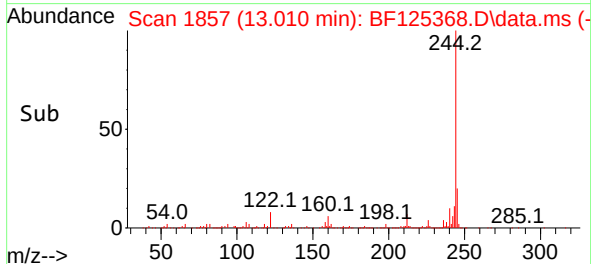
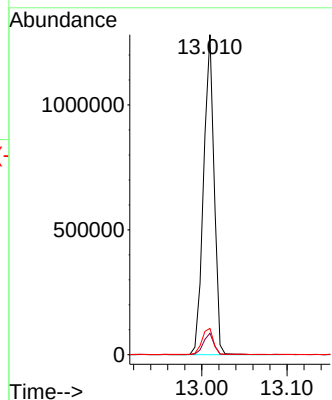
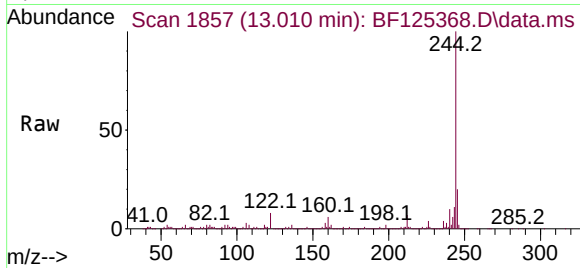




#79
Terphenyl-d14
Concen: 61.181 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BF125368.D
Acq: 4 Sep 2021 14:34

Instrument :
BNA_F
ClientSampleId :
1992

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

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

