

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
 Data File : BF125168.D
 Acq On : 23 Aug 2021 22:22
 Operator : JU/CG
 Sample : M3489-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-GSLAB

Quant Time: Aug 24 04:49:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 10:15:49 2021
 Response via : Initial Calibration

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

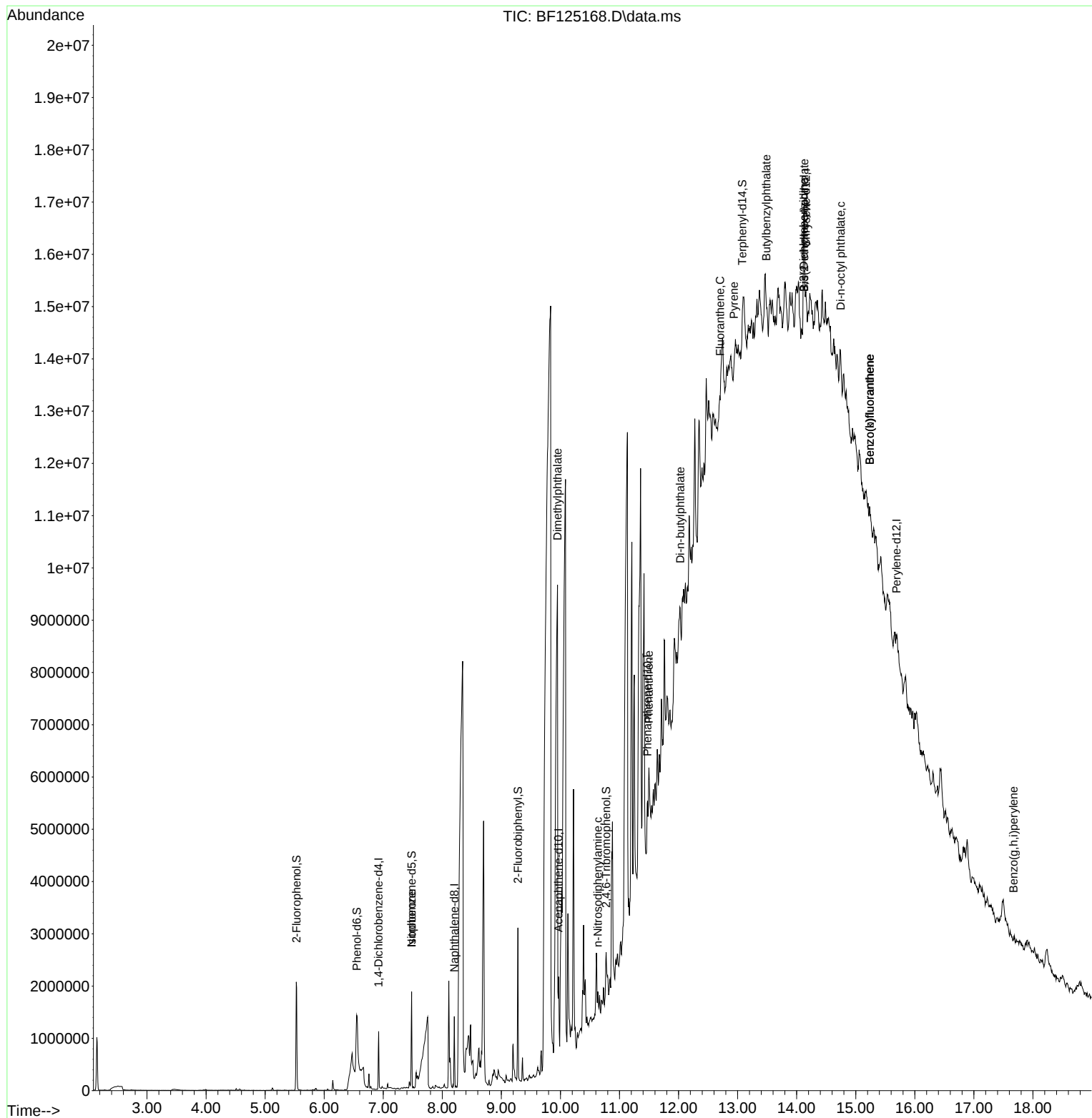
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	141808	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	489749	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	232733	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	336472	20.000	ng	# 0.02
76) Chrysene-d12	14.157	240	173448	20.000	ng	# 0.06
86) Perylene-d12	15.692	264	144607	20.000	ng	# 0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	603050	64.367	ng	0.00
7) Phenol-d6	6.551	99	774636	63.930	ng	0.00
23) Nitrobenzene-d5	7.481	82	475177	48.846	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	162955	70.143	ng	0.02
45) 2-Fluorobiphenyl	9.280	172	780428	46.736	ng	0.00
79) Terphenyl-d14	13.080	244	603426	55.424	ng	0.04
Target Compounds						Qvalue
25) Isophorone	7.481	82	474993	25.311	ng	# 59
50) Dimethylphthalate	9.951	163	39009	2.419	ng	99
66) n-Nitrosodiphenylamine	10.633	169	58322	4.841	ng	# 76
71) Phenanthrene	11.498	178	111725	6.026	ng	# 78
74) Di-n-butylphthalate	12.027	149	99268	5.009	ng	# 78
75) Fluoranthene	12.704	202	54083	2.940	ng	# 18
78) Pyrene	12.939	202	90128	6.058	ng	# 48
80) Butylbenzylphthalate	13.486	149	39993	6.841	ng	98
82) 3,3'-Dichlorobenzidine	14.121	252	16429	4.241	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.127	149	1554897	193.511	ng	# 90
85) Di-n-octyl phthalate	14.745	149	36260	2.713	ng	# 1
88) Benzo(b)fluoranthene	15.239	252	25347	2.399	ng	# 1
89) Benzo(k)fluoranthene	15.239	252	25347	2.571	ng	# 1
92) Benzo(g,h,i)perylene	17.674	276	19954	2.298	ng	# 22

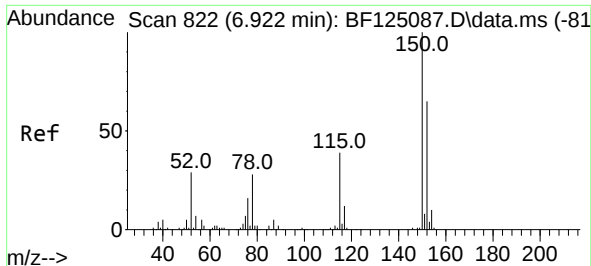
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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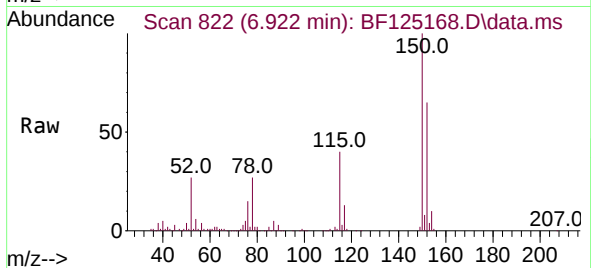
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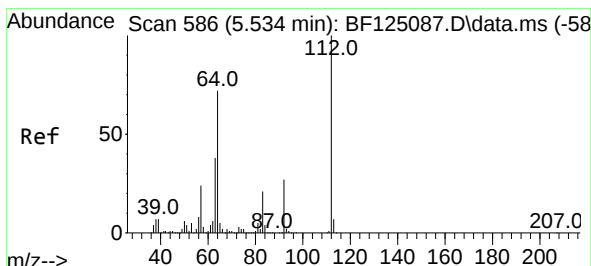
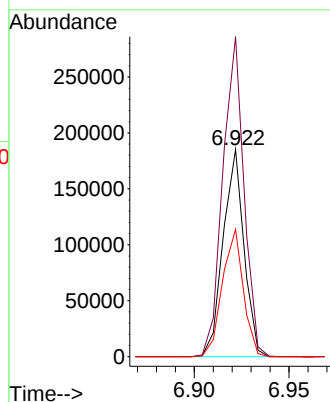
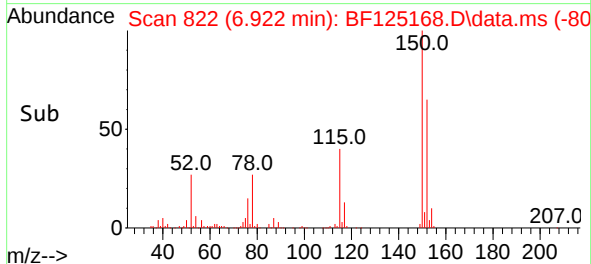


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

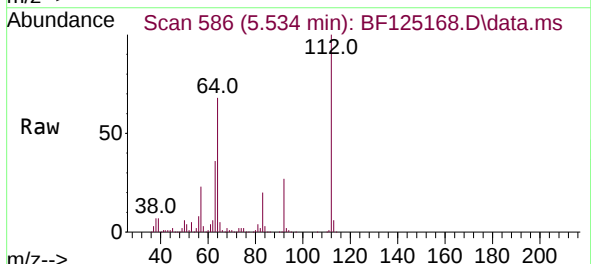
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ClientSampleId :
2-GSLAB



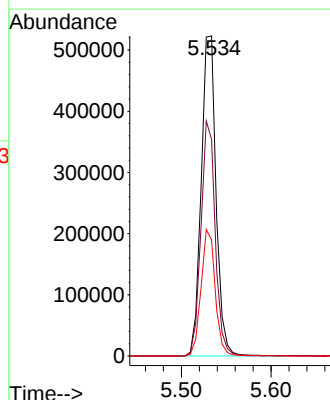
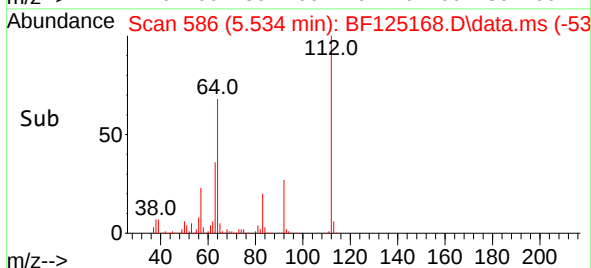
Tgt Ion:152 Resp: 141808
Ion Ratio Lower Upper
152 100
150 154.4 117.6 176.4
115 61.5 47.1 70.7



#5
2-Fluorophenol
Concen: 64.367 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.006 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22



Tgt Ion:112 Resp: 603050
Ion Ratio Lower Upper
112 100
64 67.7 44.2 66.2#
63 36.2 26.2 39.2

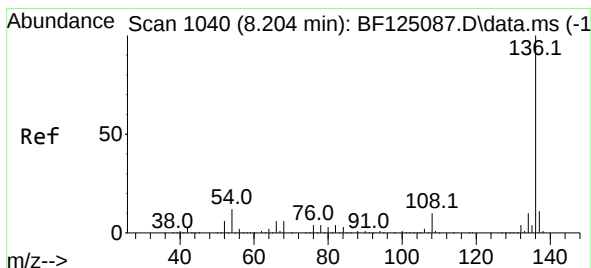
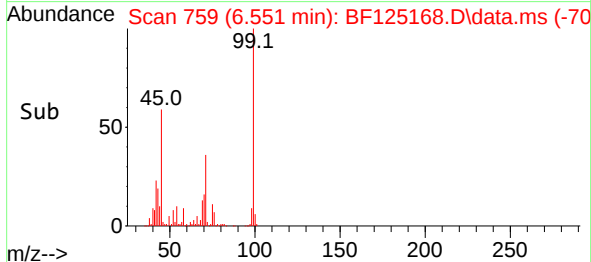
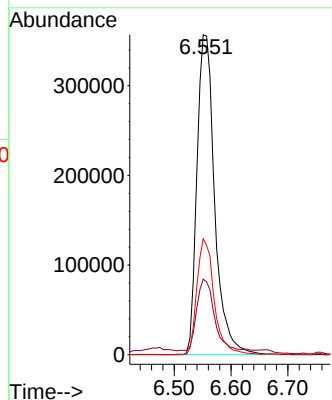
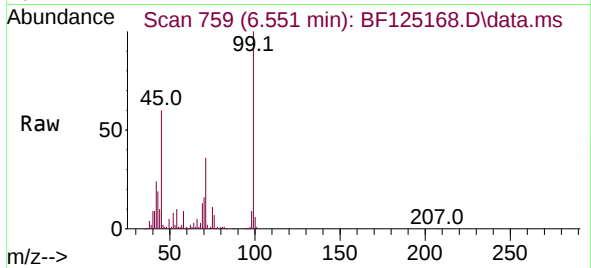




#7
Phenol-d6
Concen: 63.930 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

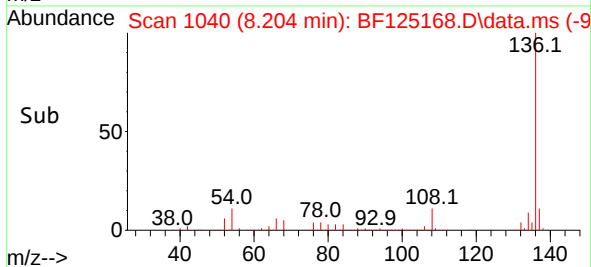
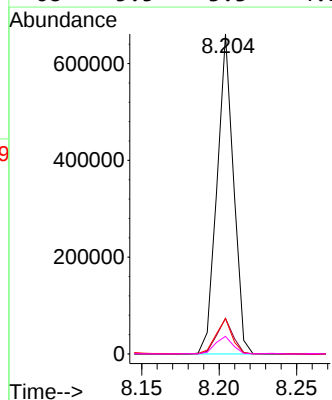
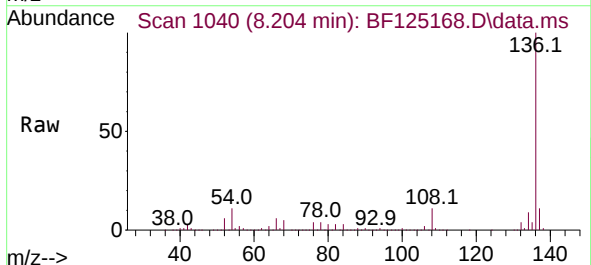
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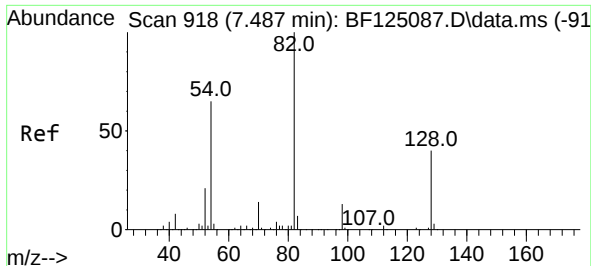
Tgt Ion: 99 Resp: 774636
Ion Ratio Lower Upper
99 100
42 23.6 23.5 35.3
71 36.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

Tgt Ion: 136 Resp: 489749
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 11.0 6.4 9.6#
68 5.5 3.3 4.9#

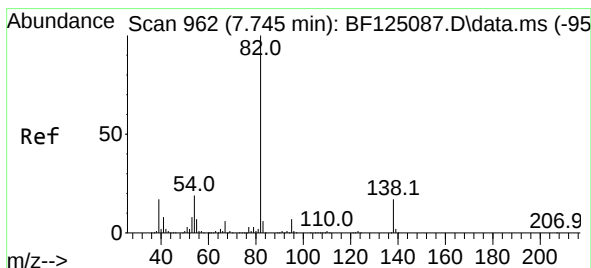
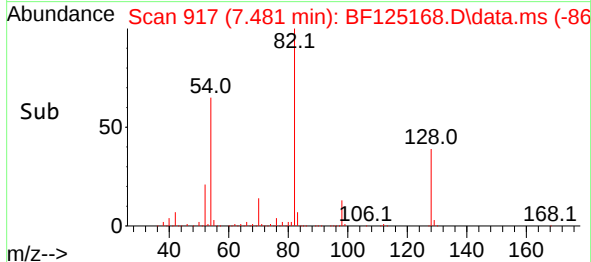
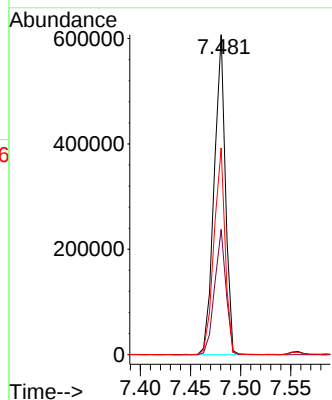
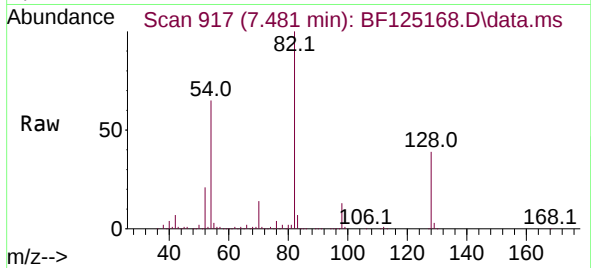




#23
Nitrobenzene-d5
Concen: 48.846 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

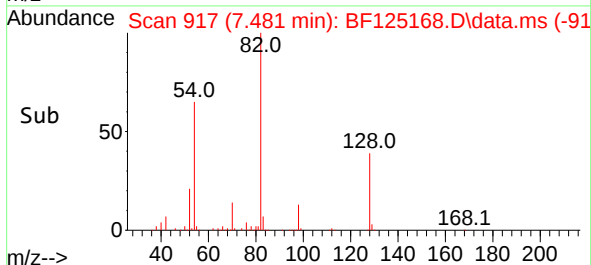
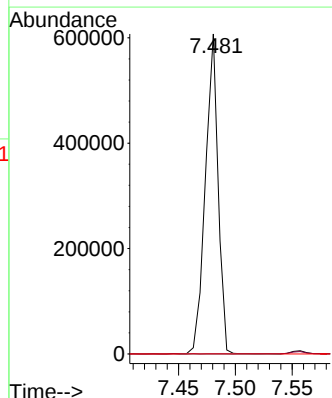
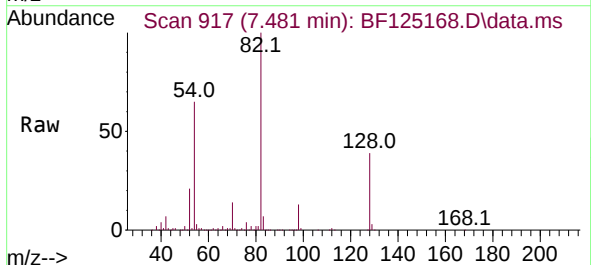
Instrument :
BNA_F
ClientSampleId :
2-GSLAB

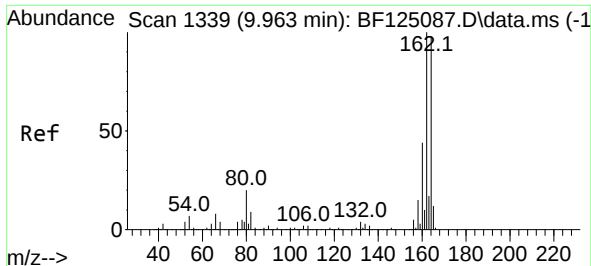
Tgt Ion: 82 Resp: 475177
Ion Ratio Lower Upper
82 100
128 39.2 40.6 60.8#
54 64.6 49.6 74.4



#25
Isophorone
Concen: 25.311 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

Tgt Ion: 82 Resp: 474993
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#

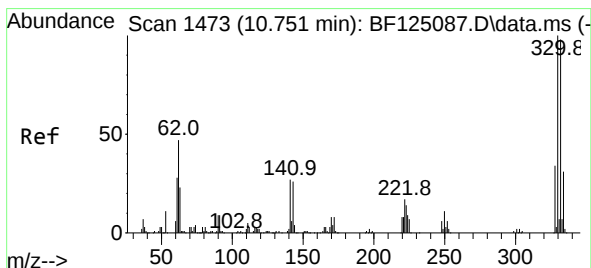
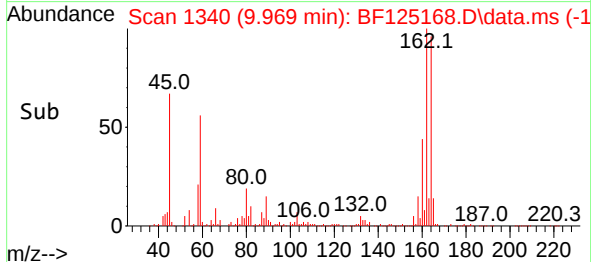
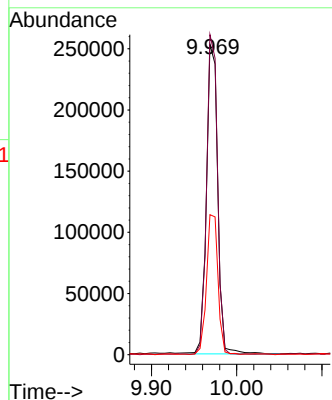
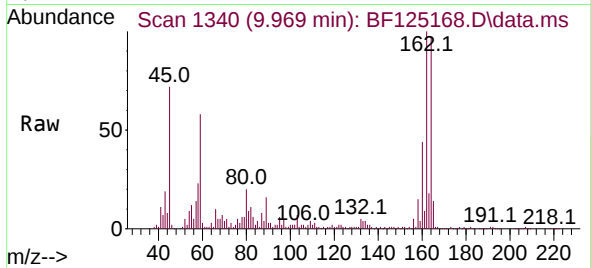




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

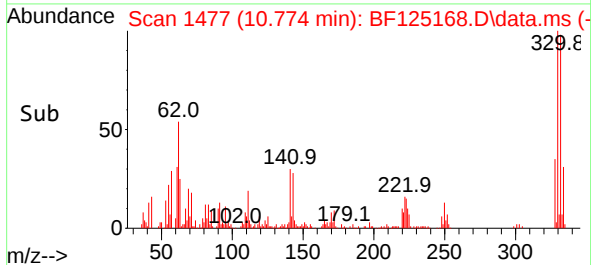
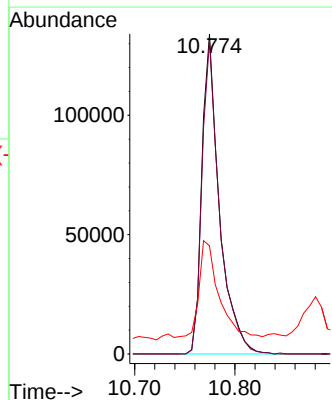
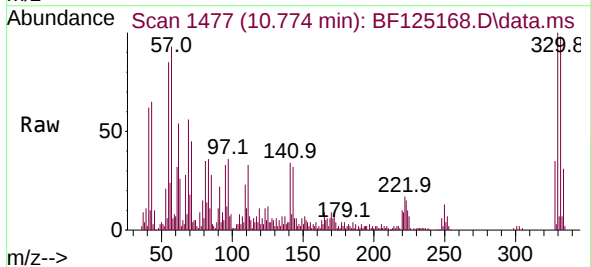
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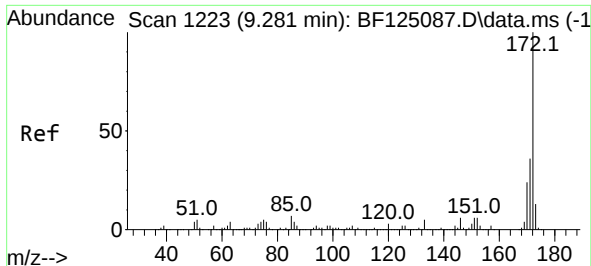
Tgt Ion:164 Resp: 232733
Ion Ratio Lower Upper
164 100
162 103.2 81.3 121.9
160 45.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 70.143 ng
RT: 10.774 min Scan# 1477
Delta R.T. 0.018 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

Tgt Ion:330 Resp: 162955
Ion Ratio Lower Upper
330 100
332 98.2 76.2 114.4
141 34.0 44.6 66.8#

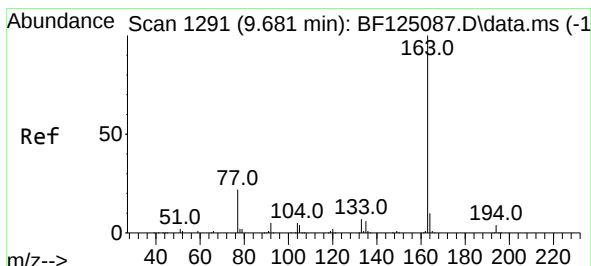
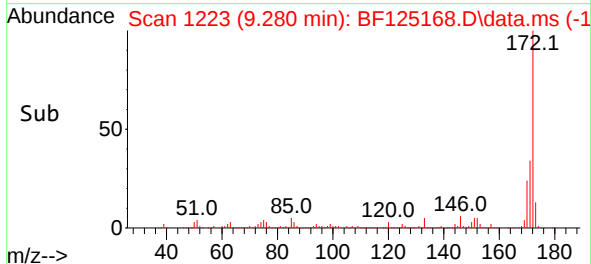
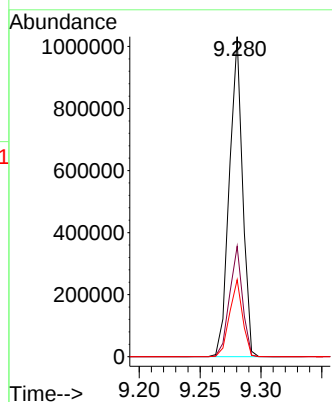
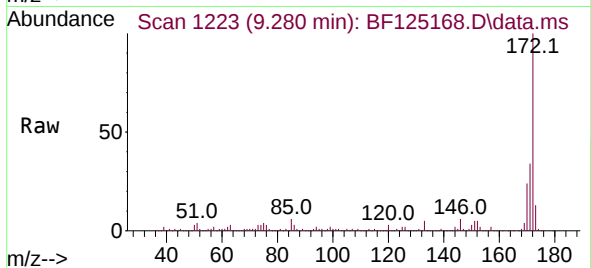




#45
2-Fluorobiphenyl
Concen: 46.736 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

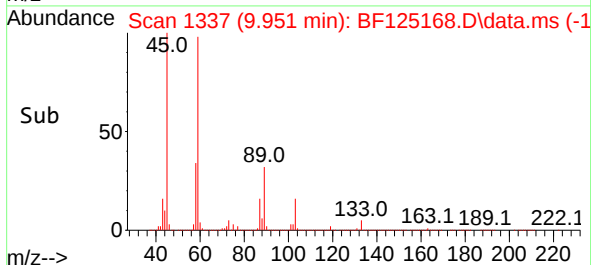
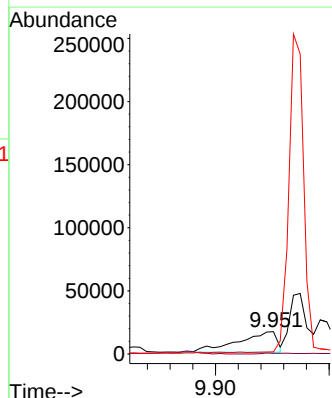
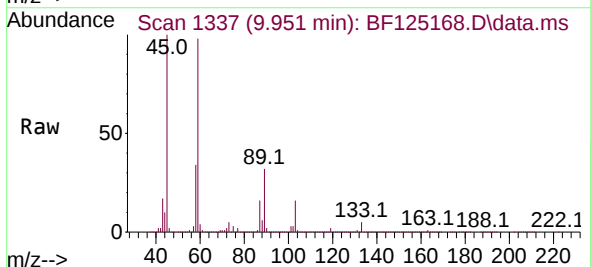
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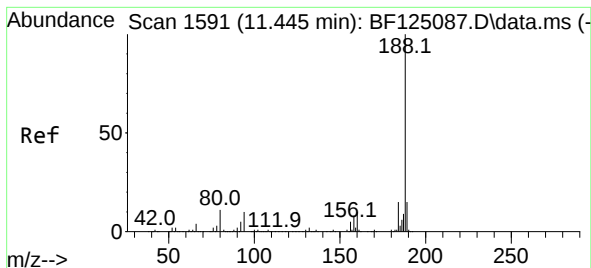
Tgt Ion:172	Resp: 780428
Ion Ratio	Lower Upper
172	100
171	34.5 26.5 39.7
170	24.0 18.8 28.2



#50
Dimethylphthalate
Concen: 2.419 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.265 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

Tgt Ion:163	Resp: 39009
Ion Ratio	Lower Upper
163	100
194	2.8 2.6 3.8
164	9.4 7.4 11.0

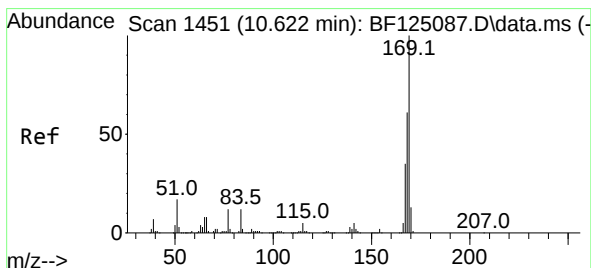
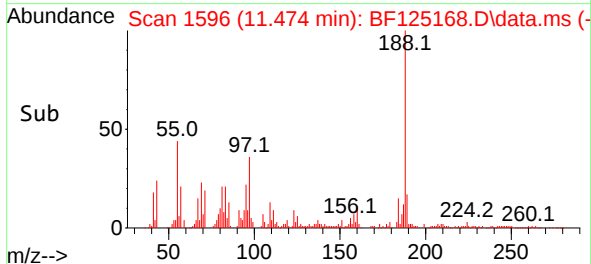
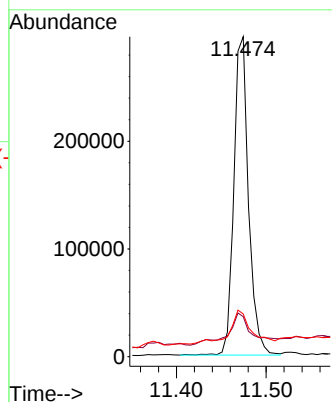
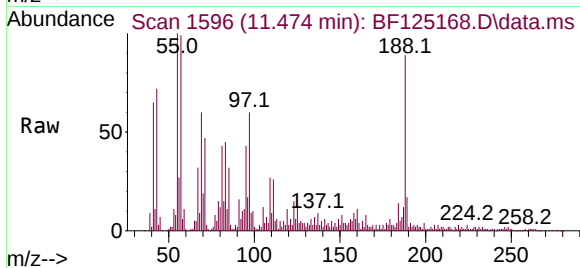




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1596
Delta R.T. 0.024 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

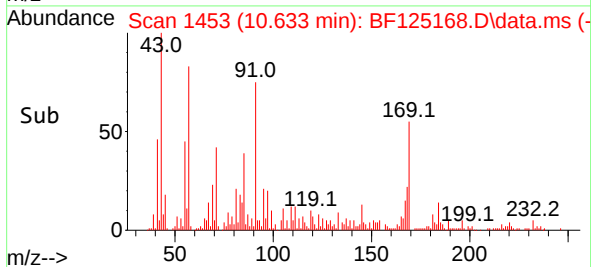
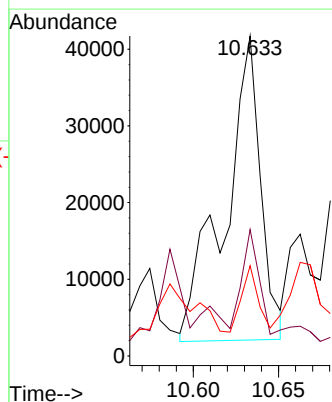
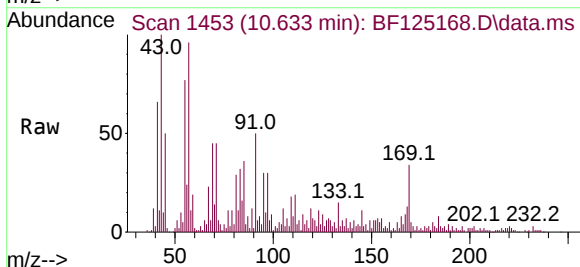
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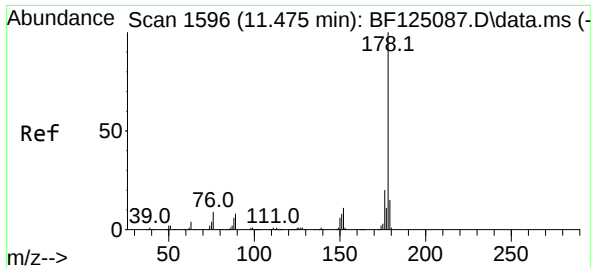
Tgt Ion:188 Resp: 336472
Ion Ratio Lower Upper
188 100
94 12.5 6.7 10.1#
80 13.3 7.5 11.3#



#66
n-Nitrosodiphenylamine
Concen: 4.841 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.012 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

Tgt Ion:169 Resp: 58322
Ion Ratio Lower Upper
169 100
168 39.5 50.8 76.2#
167 28.2 28.8 43.2#

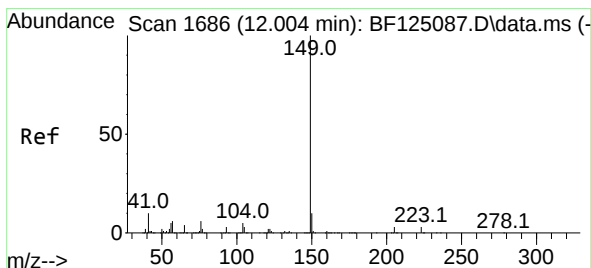
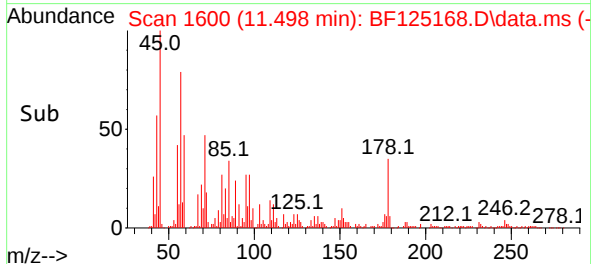
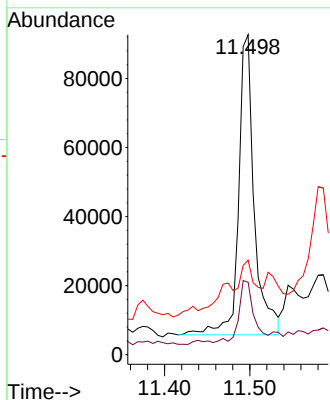
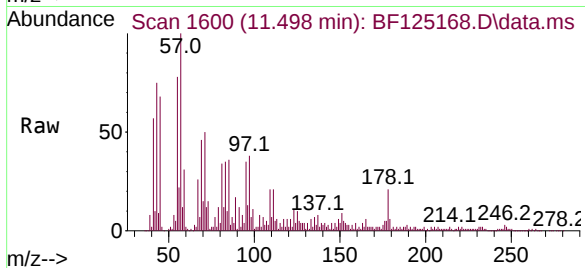




#71
Phenanthrene
Concen: 6.026 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.018 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

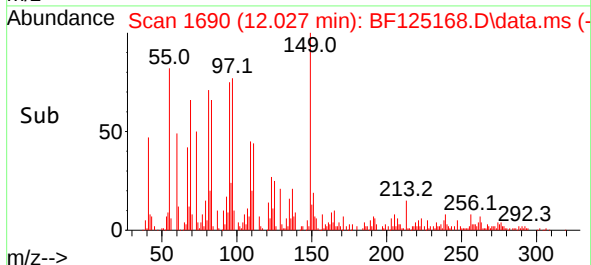
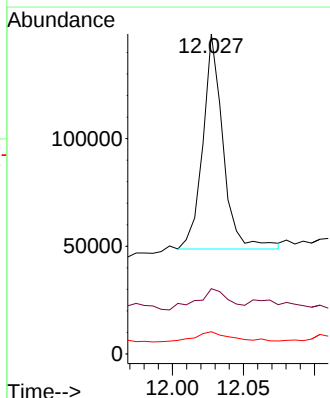
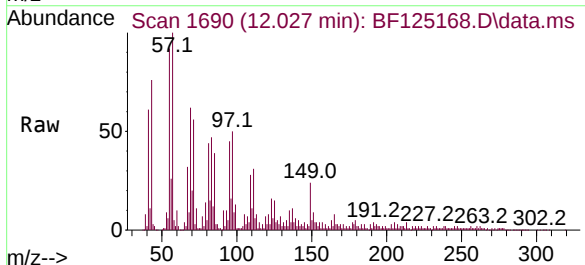
Instrument :
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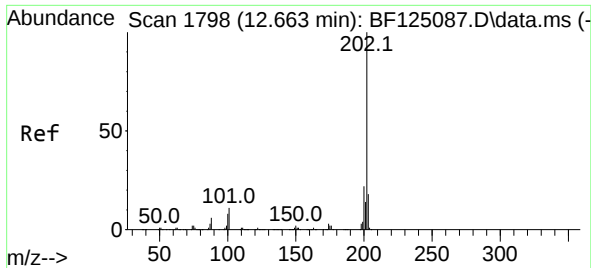
Tgt Ion:178 Resp: 111725
Ion Ratio Lower Upper
178 100
176 22.6 14.7 22.1#
179 29.6 11.5 17.3#



#74
Di-n-butylphthalate
Concen: 5.009 ng
RT: 12.027 min Scan# 1690
Delta R.T. 0.018 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

Tgt Ion:149 Resp: 99268
Ion Ratio Lower Upper
149 100
150 20.4 7.4 11.2#
104 7.0 4.1 6.1#

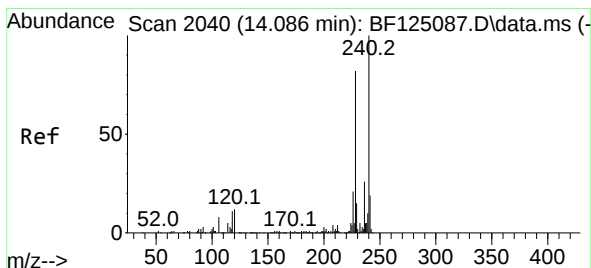
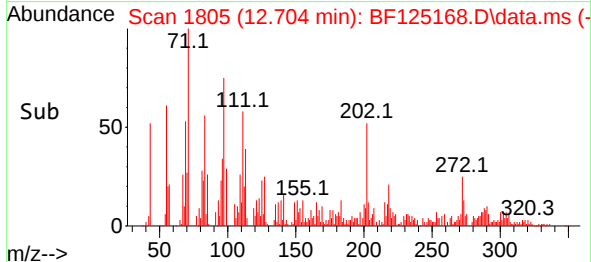
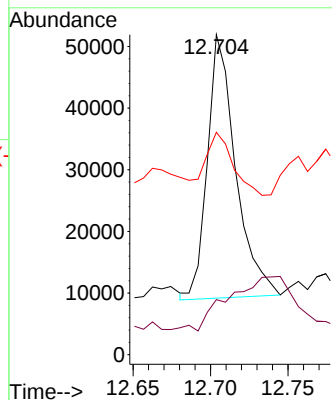
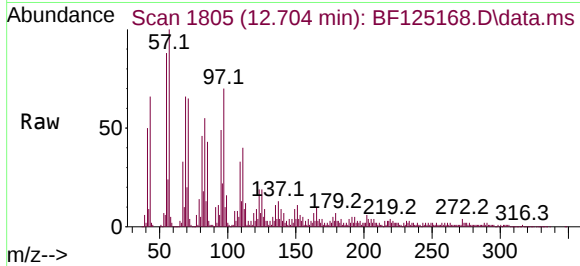




#75
Fluoranthene
Concen: 2.940 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.035 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

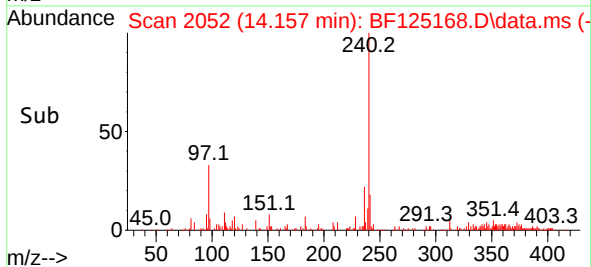
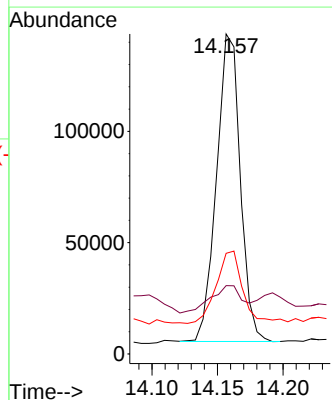
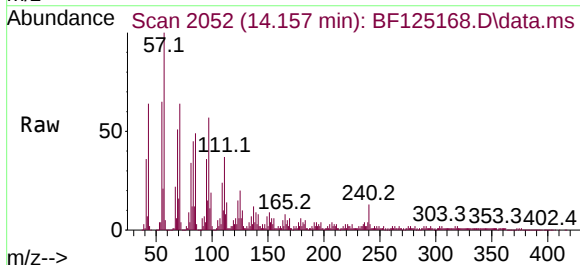
Instrument :
BNA_F
ClientSampleId :
2-GSLAB

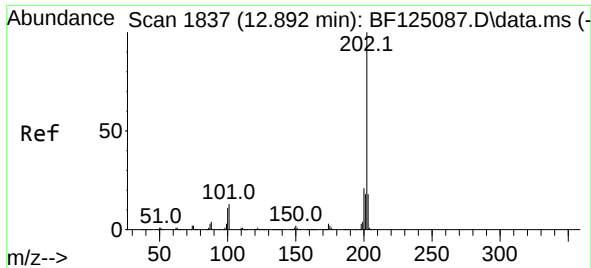
Tgt Ion:202 Resp: 54083
Ion Ratio Lower Upper
202 100
101 17.2 0.0 30.7
203 69.5 0.0 36.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. 0.059 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

Tgt Ion:240 Resp: 173448
Ion Ratio Lower Upper
240 100
120 21.3 10.8 16.2#
236 31.5 21.6 32.4

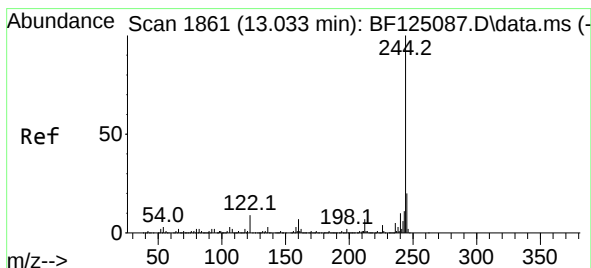
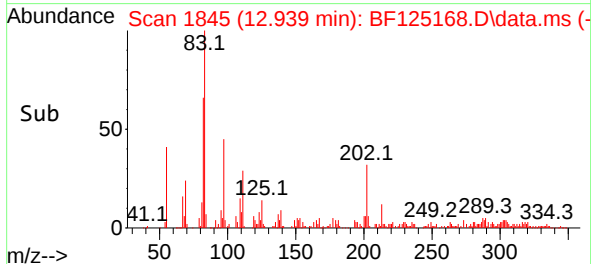
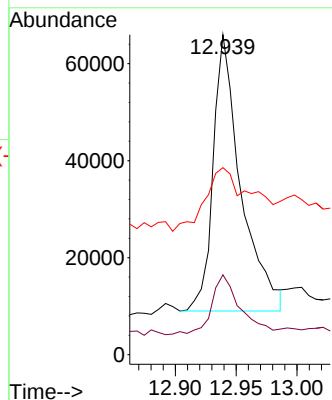
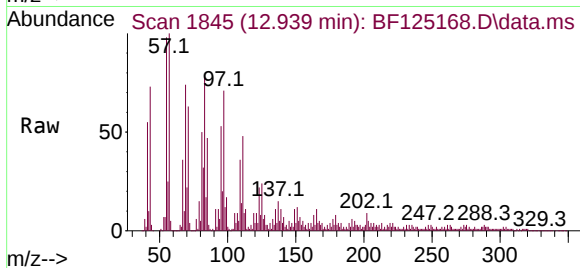




#78
Pyrene
Concen: 6.058 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.041 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

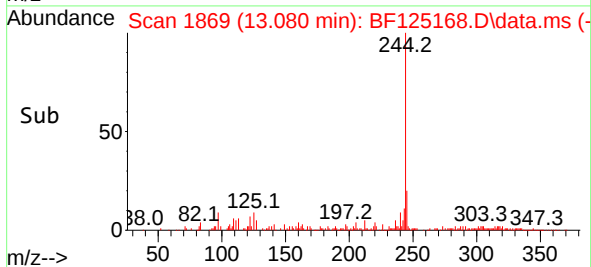
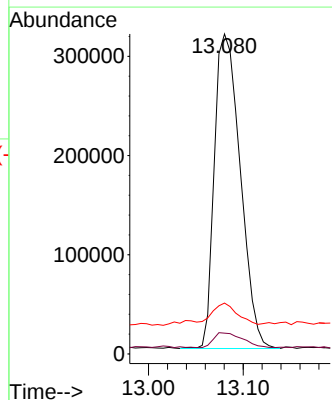
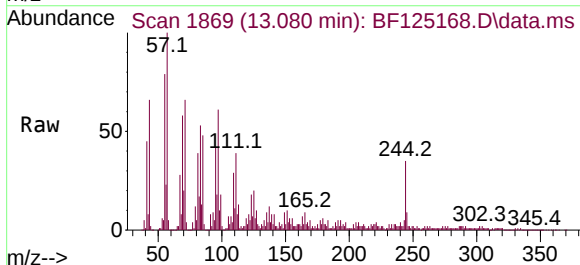
Instrument :
BNA_F
ClientSampleId :
2-GSLAB

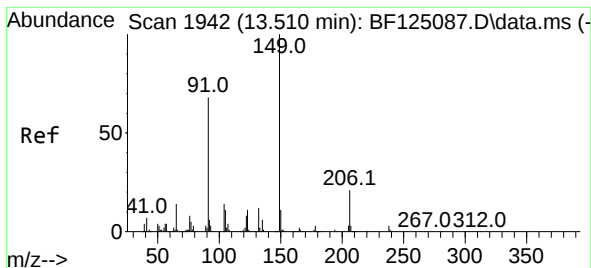
Tgt Ion:202 Resp: 90128
Ion Ratio Lower Upper
202 100
200 25.0 15.3 22.9#
203 58.4 13.4 20.0#



#79
Terphenyl-d14
Concen: 55.424 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.041 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

Tgt Ion:244 Resp: 603426
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 15.9 9.0 13.4#





#80

Butylbenzylphthalate

Concen: 6.841 ng

RT: 13.486 min Scan# 1938

Delta R.T. -0.023 min

Lab File: BF125168.D

Acq: 23 Aug 2021 22:22

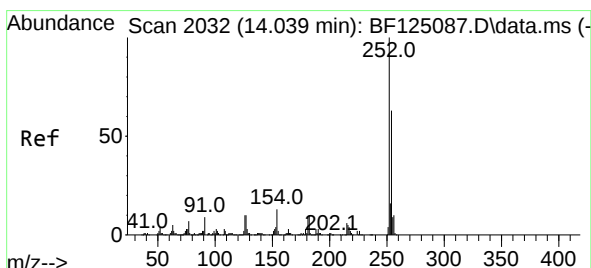
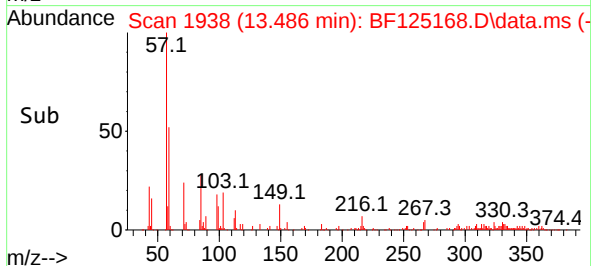
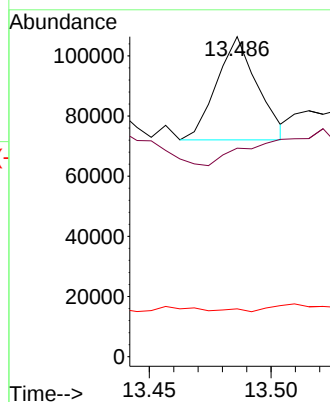
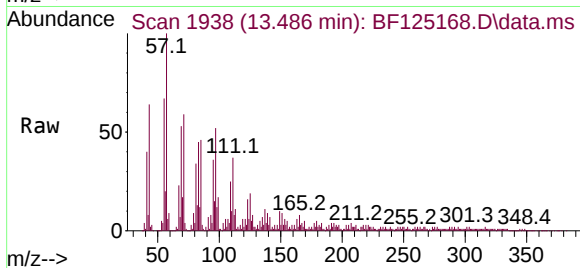
Tgt Ion:149 Resp: 39993

Ion Ratio Lower Upper

149 100

91 65.2 51.8 77.8

206 15.0 14.5 21.7



#82

3,3'-Dichlorobenzidine

Concen: 4.241 ng

RT: 14.121 min Scan# 2046

Delta R.T. 0.077 min

Lab File: BF125168.D

Acq: 23 Aug 2021 22:22

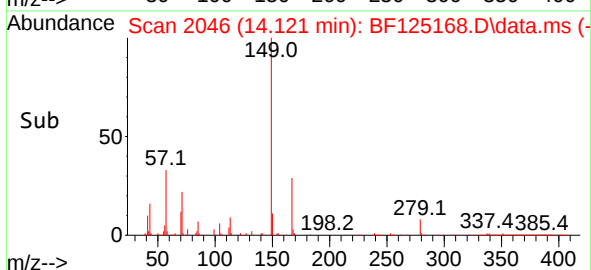
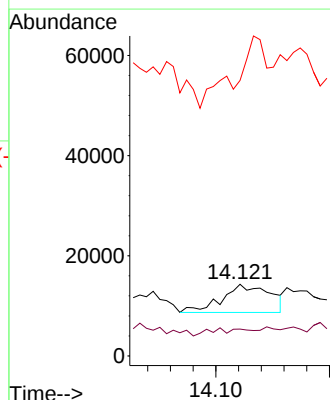
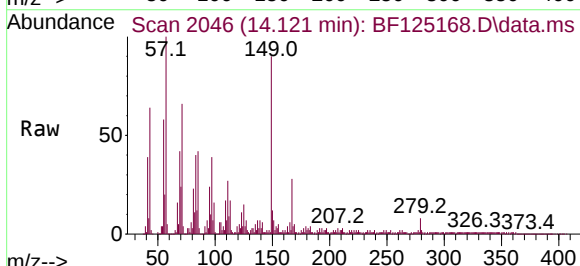
Tgt Ion:252 Resp: 16429

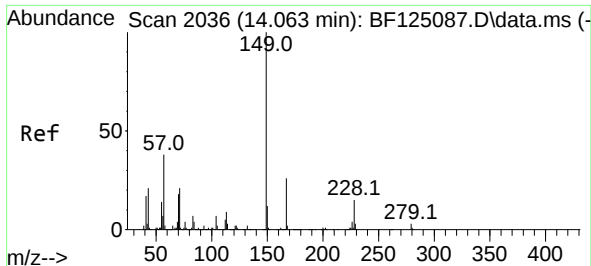
Ion Ratio Lower Upper

252 100

254 37.5 51.4 77.0#

126 384.4 9.5 14.3#

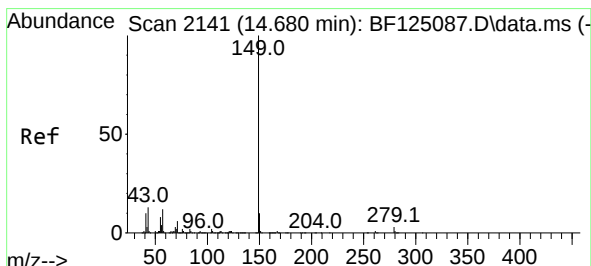
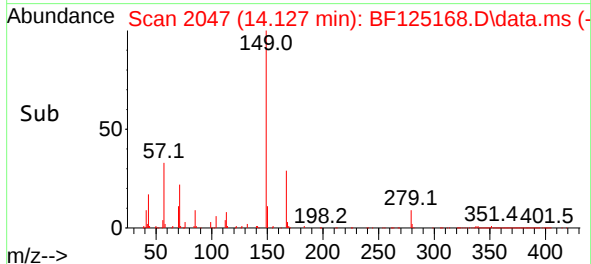
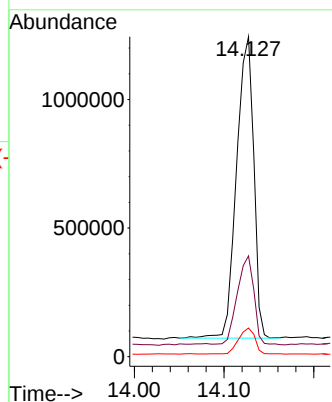
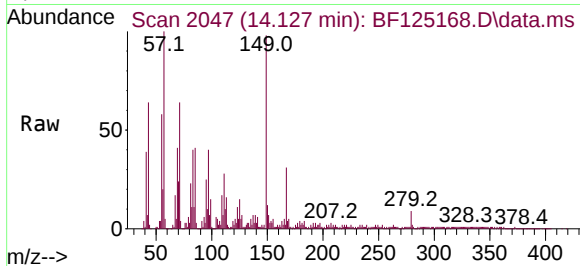




#84
Bis(2-ethylhexyl)phthalate
Concen: 193.511 ng
RT: 14.127 min Scan# 2047
Delta R.T. 0.059 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

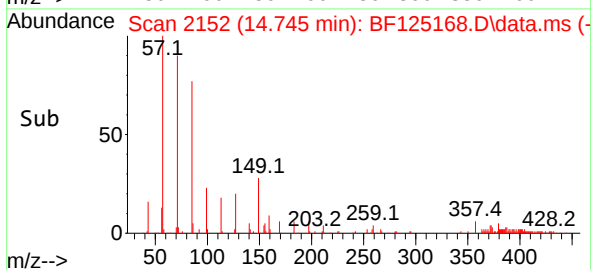
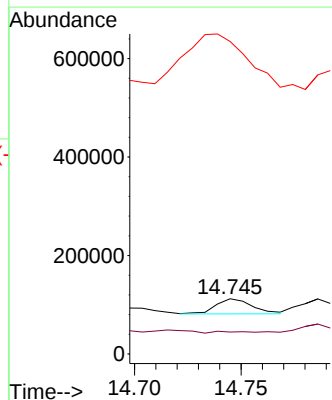
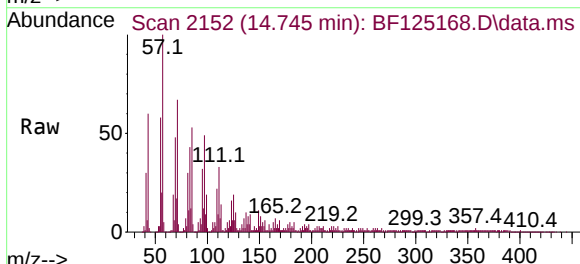
Instrument :
BNA_F
ClientSampleId :
2-GSLAB

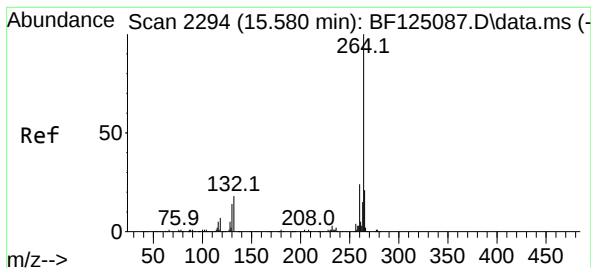
Tgt Ion:149 Resp: 1554897
Ion Ratio Lower Upper
149 100
167 31.5 21.4 32.0
279 9.0 2.6 4.0#



#85
Di-n-octyl phthalate
Concen: 2.713 ng
RT: 14.745 min Scan# 2152
Delta R.T. 0.059 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

Tgt Ion:149 Resp: 36260
Ion Ratio Lower Upper
149 100
167 0.0 1.0 1.6#
43 653.8 9.9 14.9#

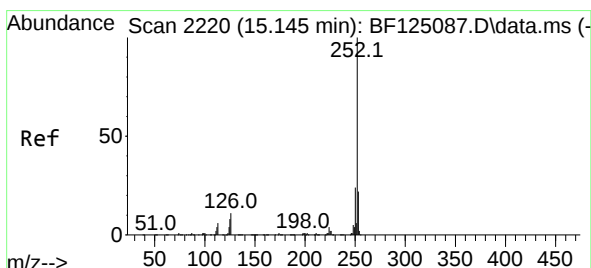
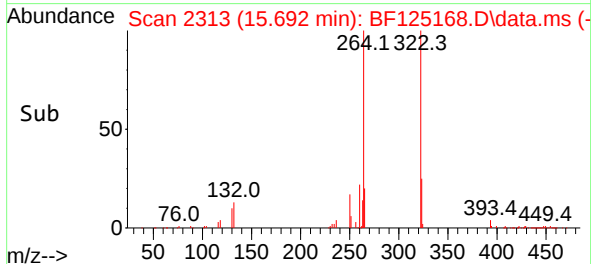
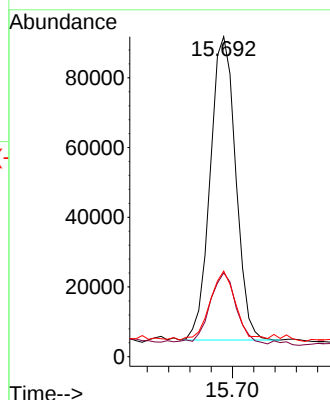
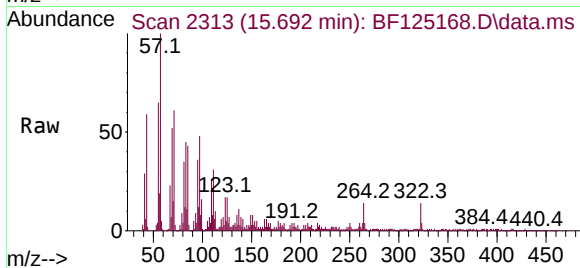




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.692 min Scan# 2313
Delta R.T. 0.094 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

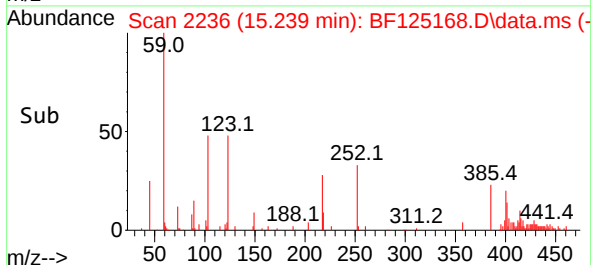
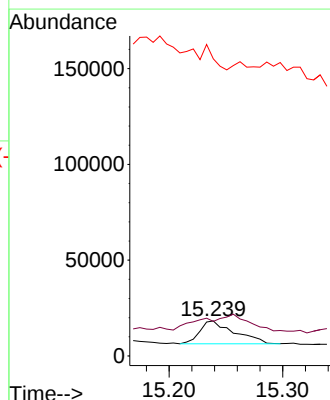
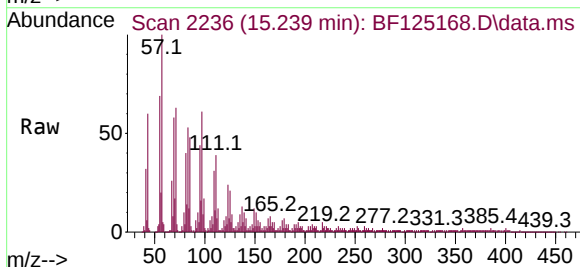
Instrument :
BNA_F
ClientSampleID :
2-GSLAB

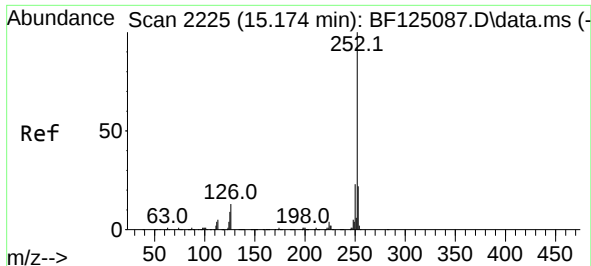
Tgt Ion:264 Resp: 144607
Ion Ratio Lower Upper
264 100
260 26.2 19.6 29.4
265 26.8 17.2 25.8#



#88
Benzo(b)fluoranthene
Concen: 2.399 ng
RT: 15.239 min Scan# 2236
Delta R.T. 0.082 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

Tgt Ion:252 Resp: 25347
Ion Ratio Lower Upper
252 100
253 98.9 16.8 25.2#
125 848.7 9.8 14.8#

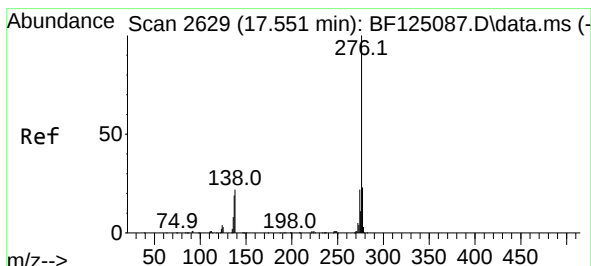
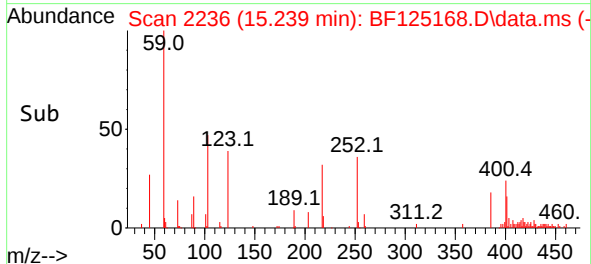
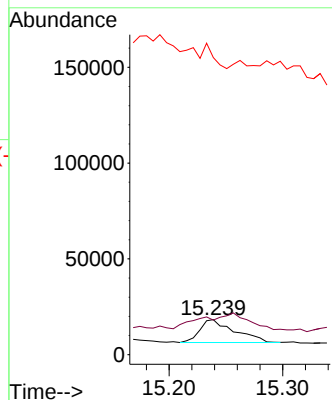
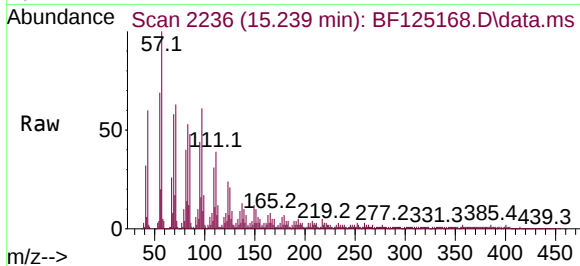




#89
Benzo(k)fluoranthene
Concen: 2.571 ng
RT: 15.239 min Scan# 2236
Delta R.T. 0.053 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

Instrument :
BNA_F
ClientSampleId :
2-GSLAB

Tgt Ion:252 Resp: 25347
Ion Ratio Lower Upper
252 100
253 98.9 17.8 26.8#
125 848.7 7.2 10.8#



#92
Benzo(g,h,i)perylene
Concen: 2.298 ng
RT: 17.674 min Scan# 2650
Delta R.T. 0.088 min
Lab File: BF125168.D
Acq: 23 Aug 2021 22:22

Tgt Ion:276 Resp: 19954
Ion Ratio Lower Upper
276 100
277 45.7 22.0 33.0#
138 90.9 22.2 33.4#

