

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
 Data File : BF125152.D
 Acq On : 23 Aug 2021 13:21
 Operator : JU/CG
 Sample : M3489-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-BMENT-W

Quant Time: Aug 23 14:34:28 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

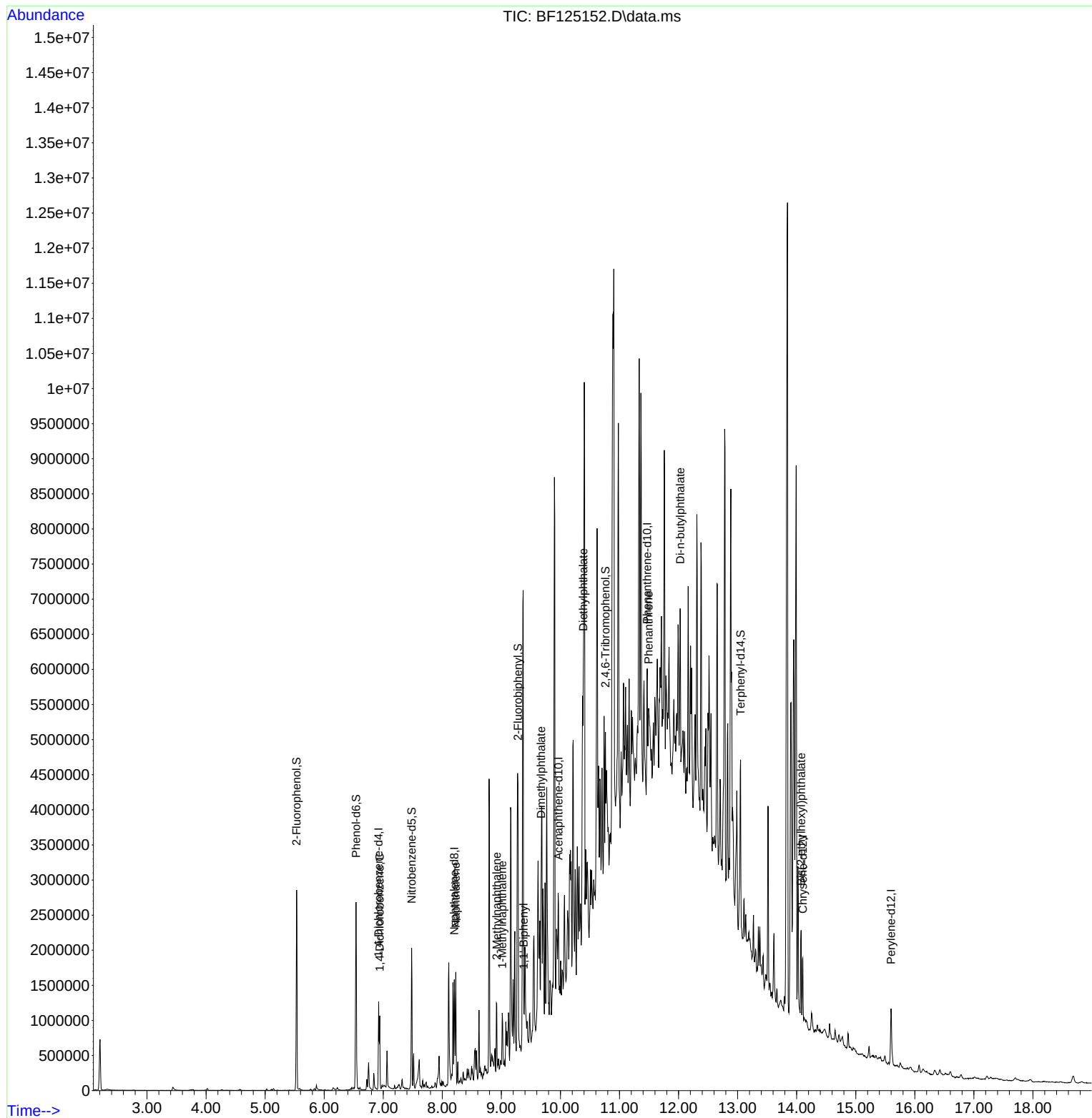
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	155313	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	612757	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	303985	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	402407	20.000	ng	# 0.02
76) Chrysene-d12	14.104	240	357355	20.000	ng	# 0.00
86) Perylene-d12	15.598	264	378316	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	722973	70.457	ng	0.00
7) Phenol-d6	6.539	99	895398	67.470	ng	0.00
23) Nitrobenzene-d5	7.481	82	599492	49.254	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	221635	73.040	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1014817	46.528	ng	0.00
79) Terphenyl-d14	13.051	244	885520	39.477	ng	0.01
Target Compounds						
						Qvalue
13) 1,4-Dichlorobenzene	6.939	146	188448	15.592	ng	97
31) Naphthalene	8.228	128	534668	17.038	ng	98
37) 2-Methylnaphthalene	8.922	142	259862	12.531	ng	97
38) 1-Methylnaphthalene	9.016	142	190017	9.813	ng	97
46) 1,1'-Biphenyl	9.380	154	55200	2.252	ng	97
50) Dimethylphthalate	9.675	163	162780	7.727	ng	# 95
60) Diethylphthalate	10.386	149	893320	43.498	ng	99
71) Phenanthrene	11.492	178	301220	13.585	ng	# 95
74) Di-n-butylphthalate	12.027	149	1439291	60.730	ng	99
84) Bis(2-ethylhexyl)phtha...	14.074	149	359879	21.739	ng	# 99

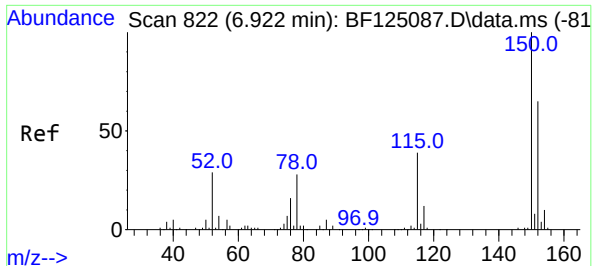
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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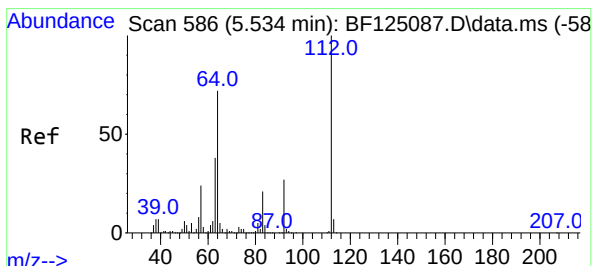
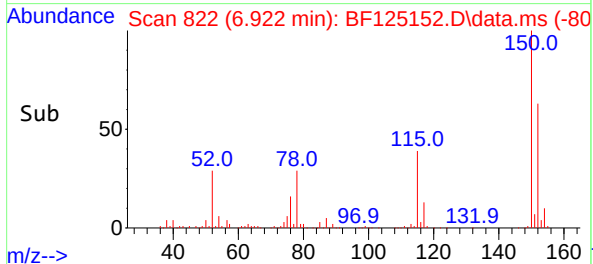
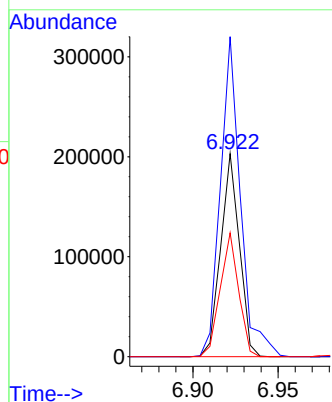
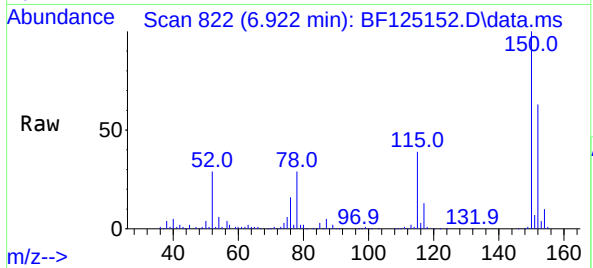




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21

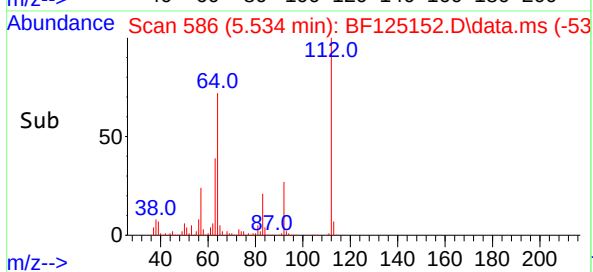
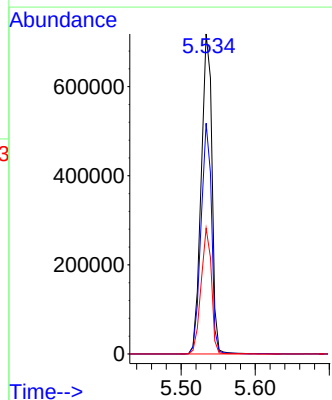
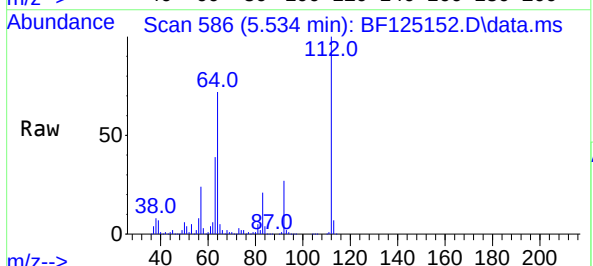
Instrument :
BNA_F
ClientSampleId :
1-BMENT-W

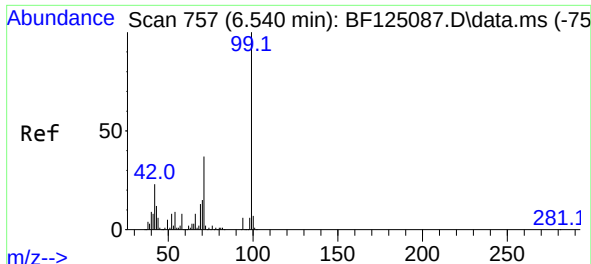
Tgt Ion:152 Resp: 155313
Ion Ratio Lower Upper
152 100
150 157.5 117.6 176.4
115 61.0 47.1 70.7



#5
2-Fluorophenol
Concen: 70.457 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.006 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21

Tgt Ion:112 Resp: 722973
Ion Ratio Lower Upper
112 100
64 72.1 44.2 66.2#
63 39.3 26.2 39.2#



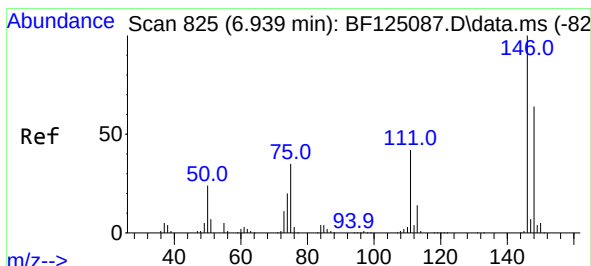
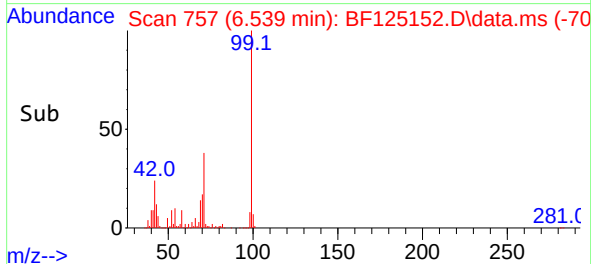
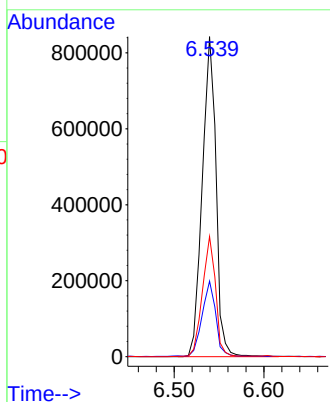
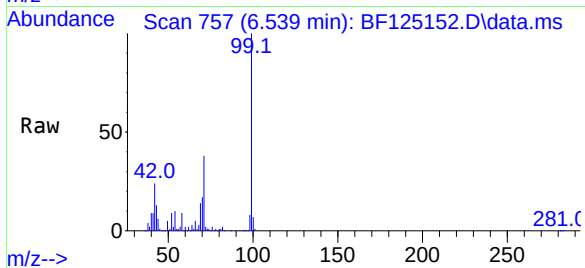


#7
Phenol-d6
Concen: 67.470 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21

Instrument :
BNA_F
ClientSampleId :
1-BMENT-W

Tgt Ion: 99 Resp: 895398

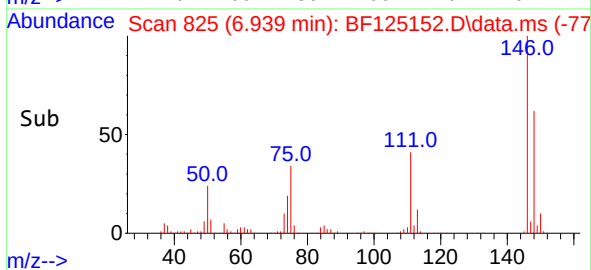
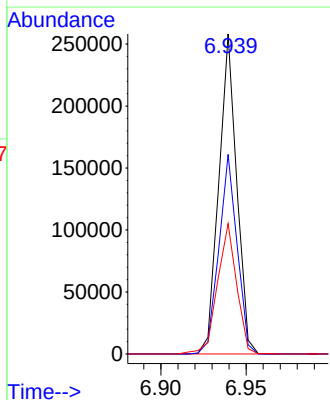
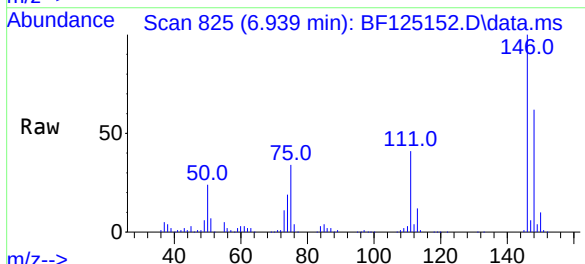
Ion	Ratio	Lower	Upper
99	100		
42	23.6	23.5	35.3
71	37.5	25.6	38.4

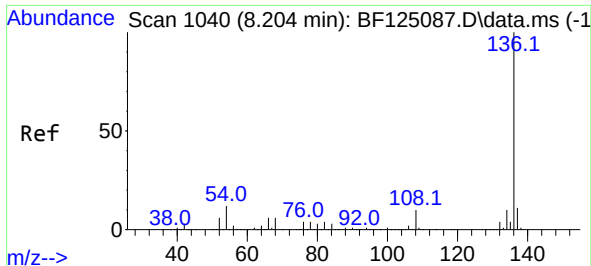


#13
1,4-Dichlorobenzene
Concen: 15.592 ng
RT: 6.939 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21

Tgt Ion: 146 Resp: 188448

Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.9	77.9
111	40.8	31.8	47.6

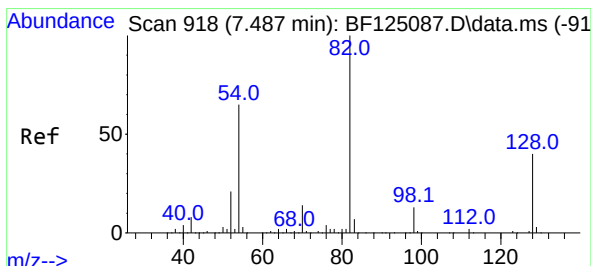
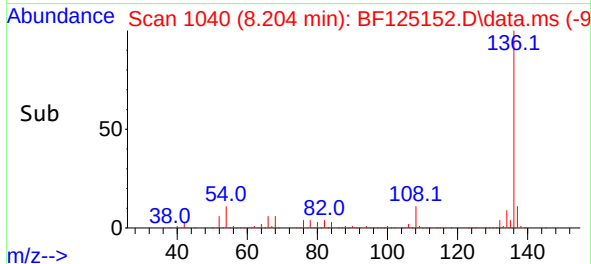
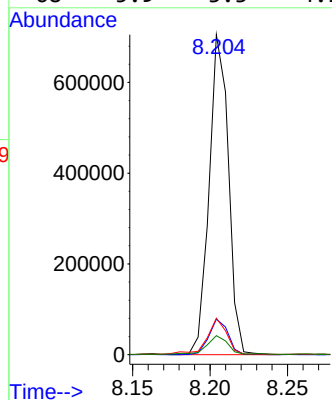
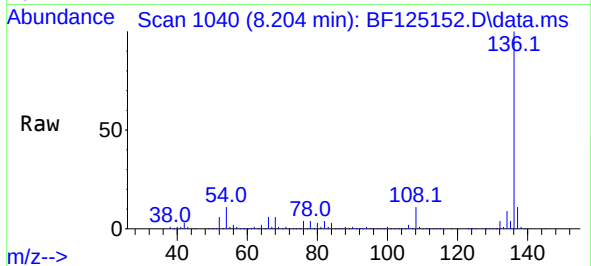




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21

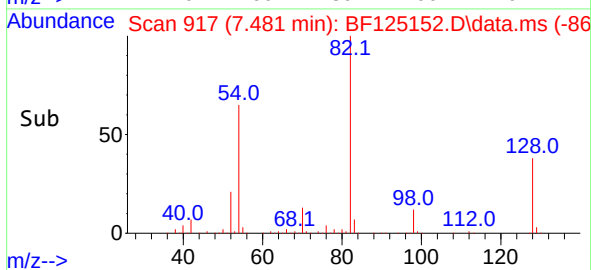
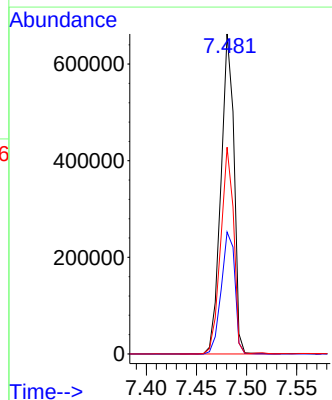
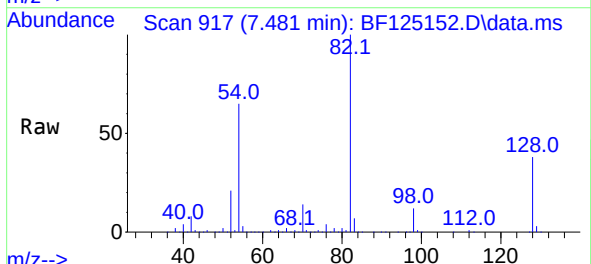
Instrument :
BNA_F
ClientSampleId :
1-BMENT-W

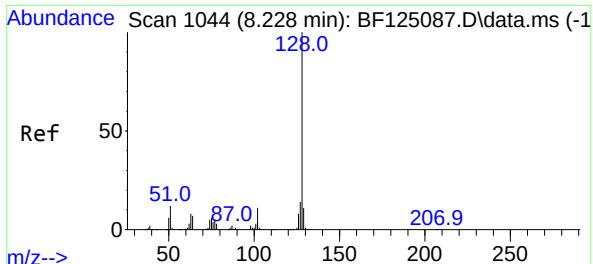
Tgt Ion:	136	Resp:	612757
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	11.4	6.4	9.6#
68	5.9	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 49.254 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21

Tgt Ion:	82	Resp:	599492
Ion	Ratio	Lower	Upper
82	100		
128	38.1	40.6	60.8#
54	64.6	49.6	74.4

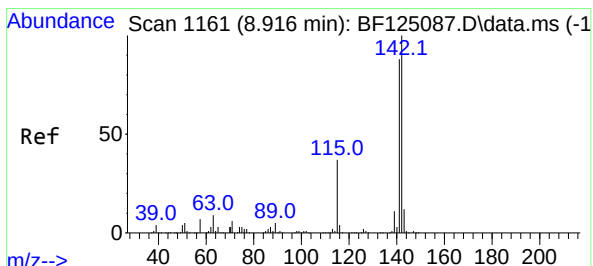
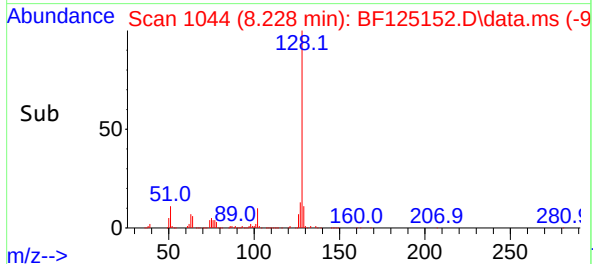
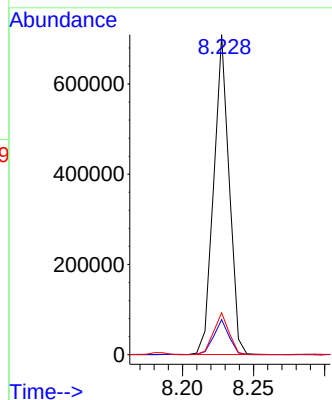
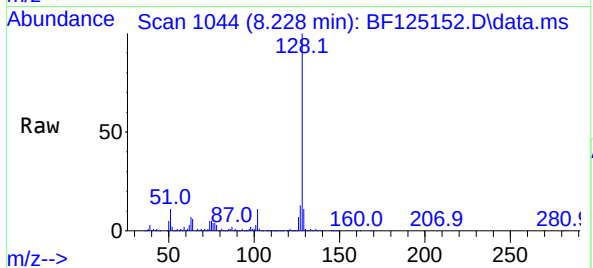




#31
Naphthalene
Concen: 17.038 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21

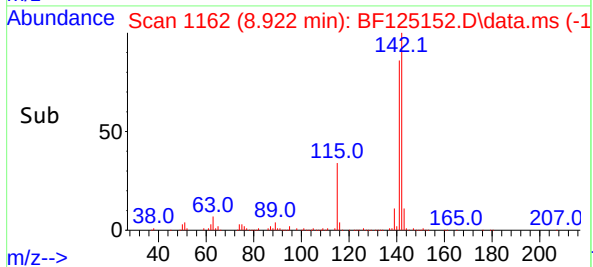
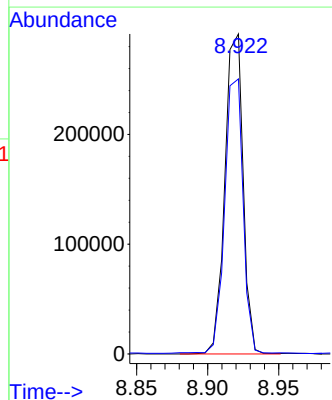
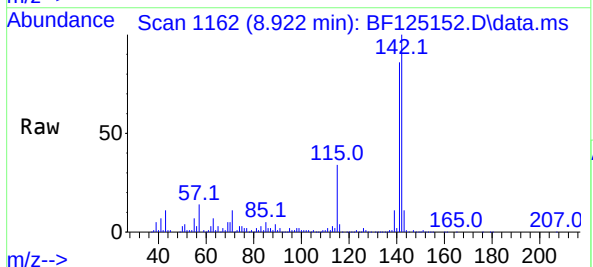
Instrument :
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ClientSampleId :
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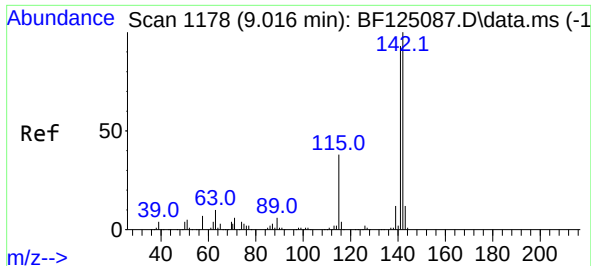
Tgt Ion:128 Resp: 534668
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 13.1 10.9 16.3



#37
2-Methylnaphthalene
Concen: 12.531 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21

Tgt Ion:142 Resp: 259862
Ion Ratio Lower Upper
142 100
141 86.0 71.2 106.8

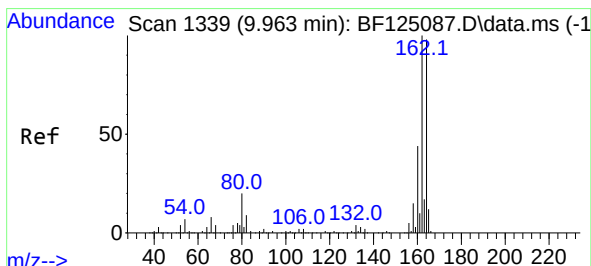
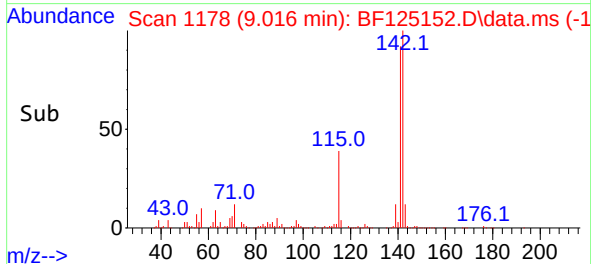
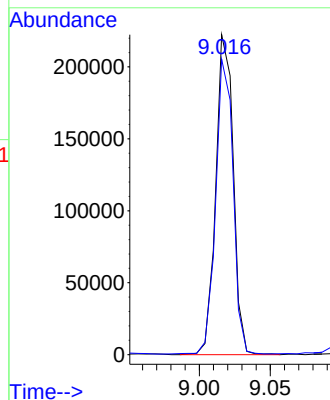
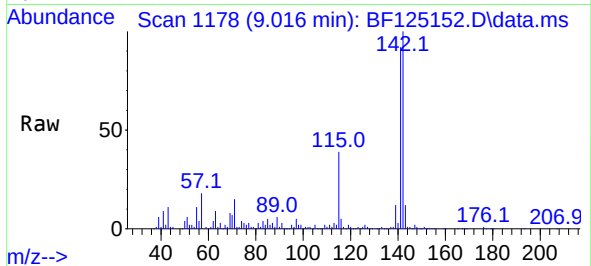




#38
1-Methylnaphthalene
Concen: 9.813 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21

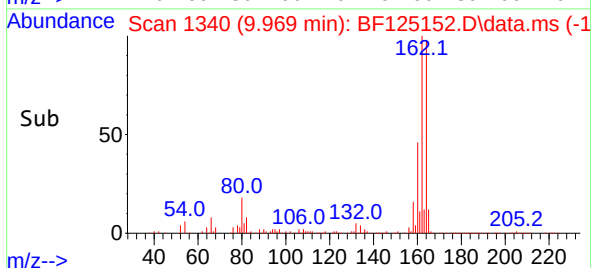
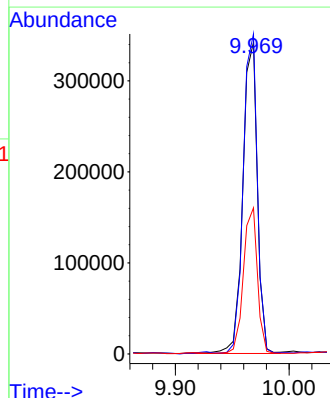
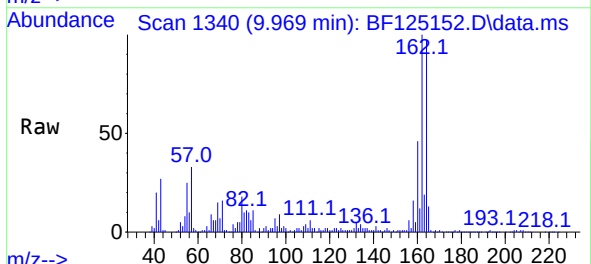
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ClientSampleId :
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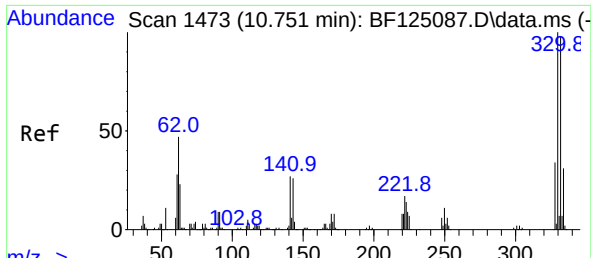
Tgt Ion:142 Resp: 190017
Ion Ratio Lower Upper
142 100
141 92.3 76.0 114.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21

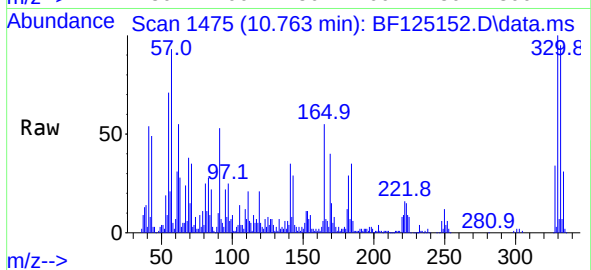
Tgt Ion:164 Resp: 303985
Ion Ratio Lower Upper
164 100
162 102.7 81.3 121.9
160 46.9 38.0 57.0



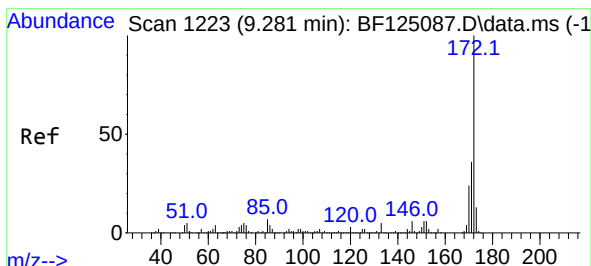
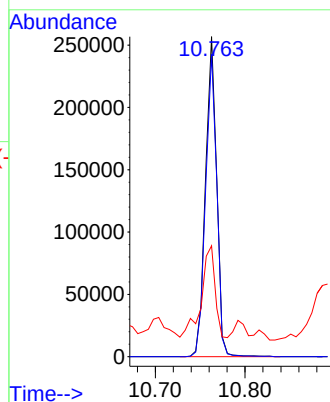
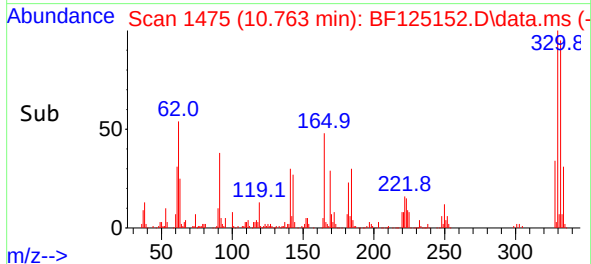


#42
2,4,6-Tribromophenol
Concen: 73.040 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21

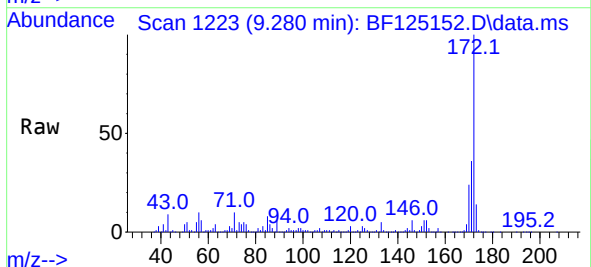
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ClientSampleId :
1-BMENT-W



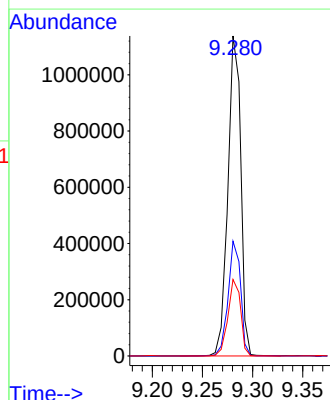
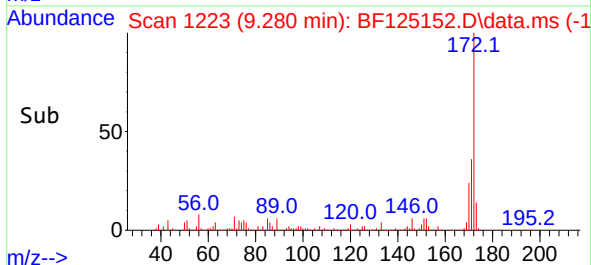
Tgt Ion:330 Resp: 221635
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 35.0 44.6 66.8#

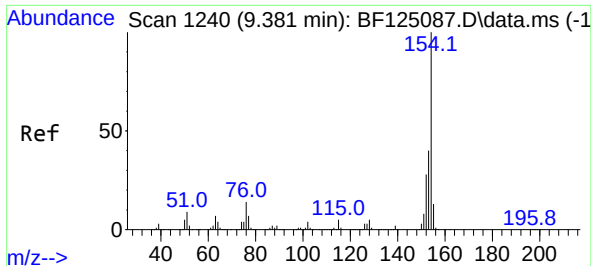


#45
2-Fluorobiphenyl
Concen: 46.528 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21



Tgt Ion:172 Resp: 1014817
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 23.9 18.8 28.2

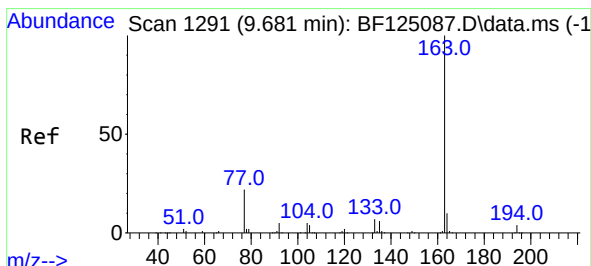
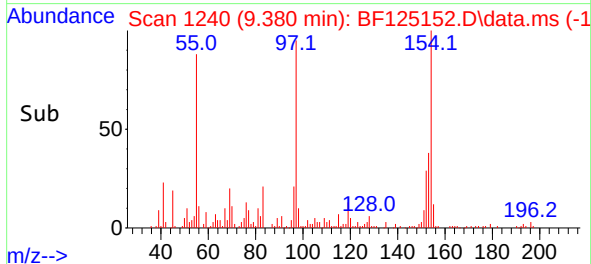
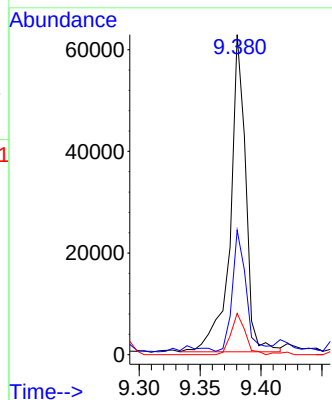
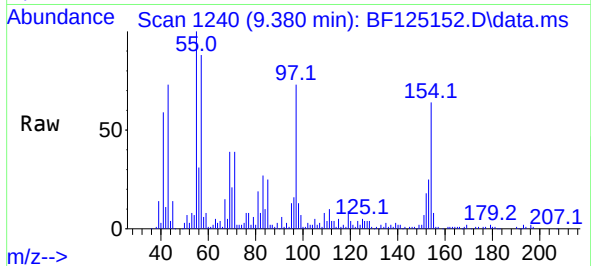




#46
1,1'-Biphenyl
Concen: 2.252 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21

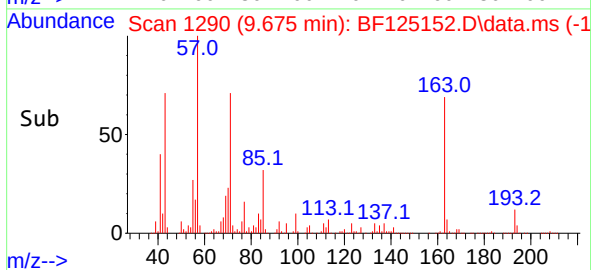
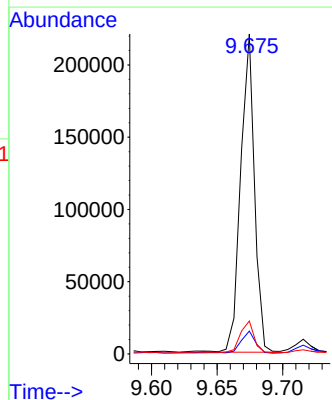
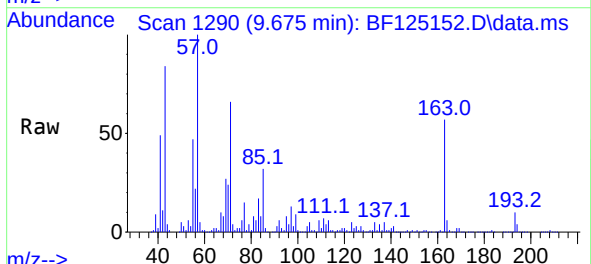
Instrument :
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1-BMENT-W

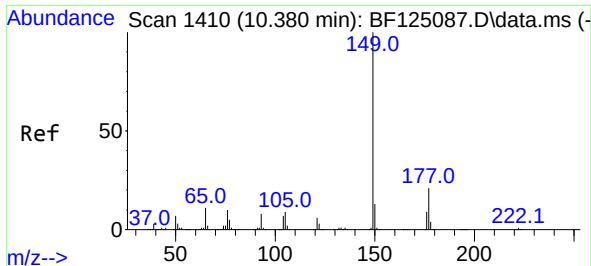
Tgt Ion:154 Resp: 55200
Ion Ratio Lower Upper
154 100
153 38.9 20.0 60.0
76 12.9 0.0 30.3



#50
Dimethylphthalate
Concen: 7.727 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21

Tgt Ion:163 Resp: 162780
Ion Ratio Lower Upper
163 100
194 7.2 2.6 3.8#
164 10.3 7.4 11.0

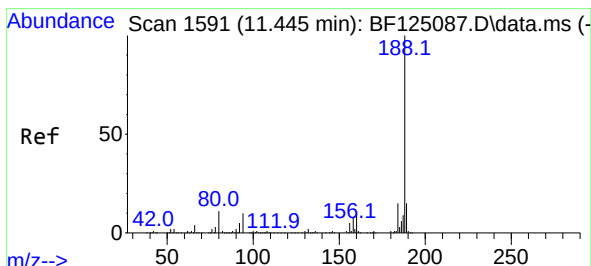
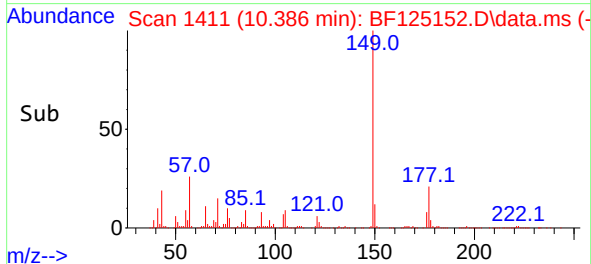
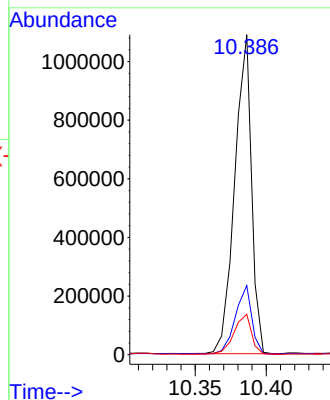
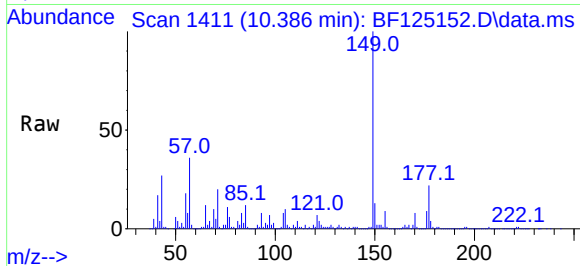




#60
Diethylphthalate
Concen: 43.498 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21

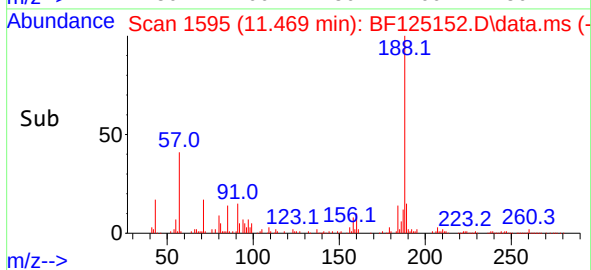
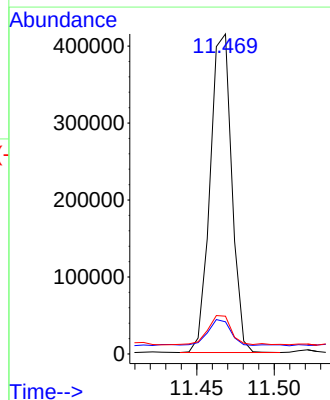
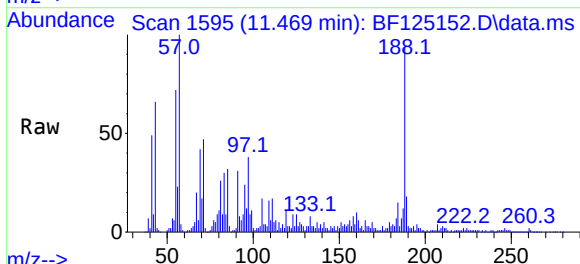
Instrument :
BNA_F
ClientSampleId :
1-BMENT-W

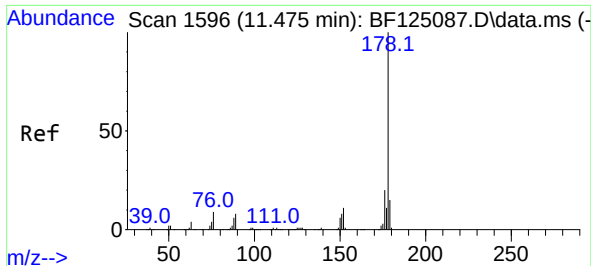
Tgt Ion:149 Resp: 893320
Ion Ratio Lower Upper
149 100
177 21.6 16.5 24.7
150 12.6 10.1 15.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1595
Delta R.T. 0.018 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21

Tgt Ion:188 Resp: 402407
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 11.8 7.5 11.3#

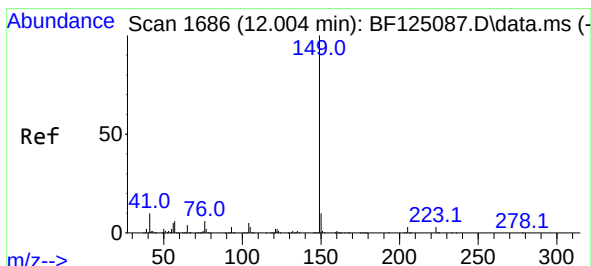
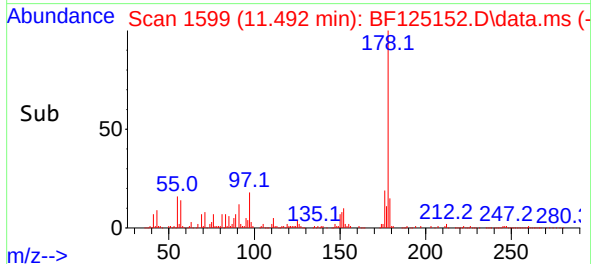
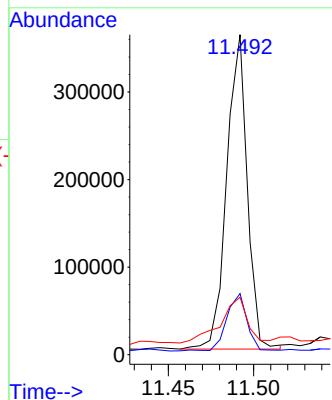
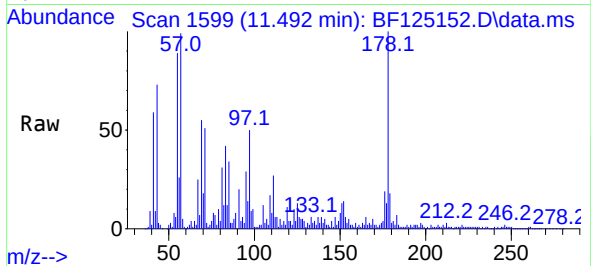




#71
Phenanthrene
Concen: 13.585 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.012 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21

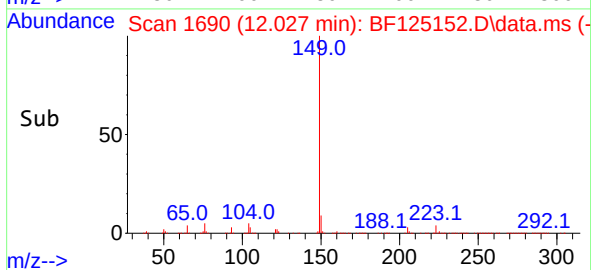
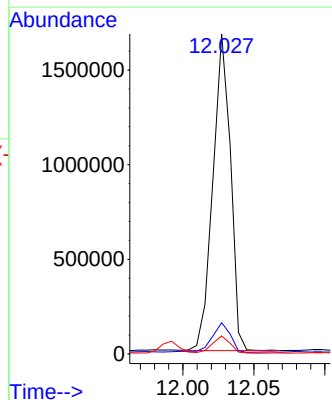
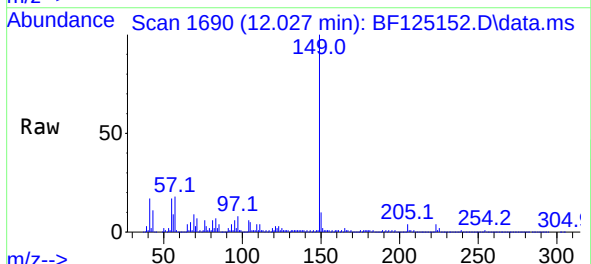
Instrument :
BNA_F
ClientSampleId :
1-BMENT-W

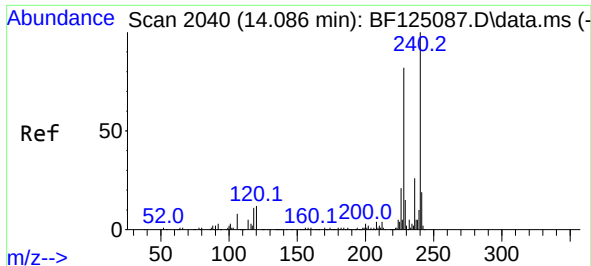
Tgt Ion:178 Resp: 301220
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 17.9 11.5 17.3#



#74
Di-n-butylphthalate
Concen: 60.730 ng
RT: 12.027 min Scan# 1690
Delta R.T. 0.018 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21

Tgt Ion:149 Resp: 1439291
Ion Ratio Lower Upper
149 100
150 9.7 7.4 11.2
104 5.7 4.1 6.1

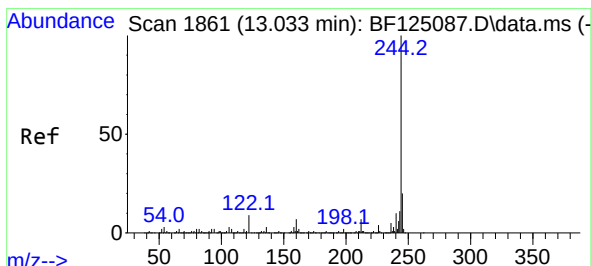
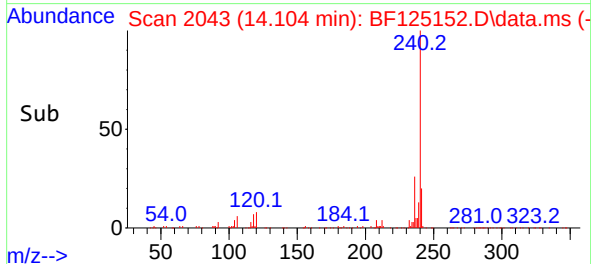
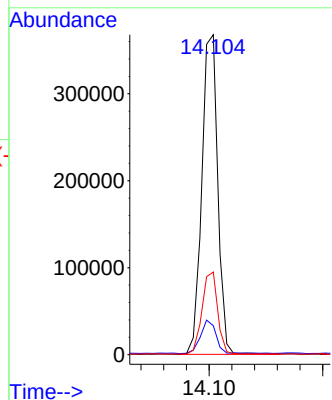
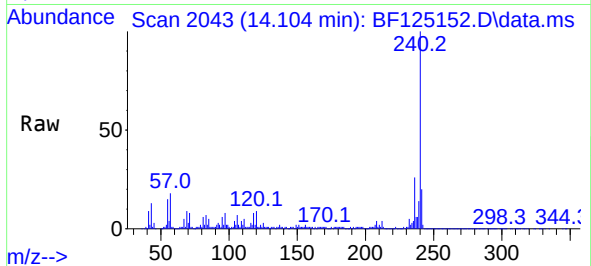




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.006 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21

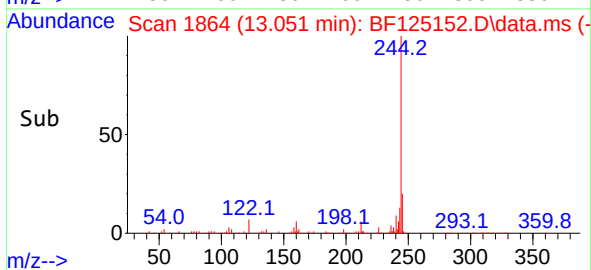
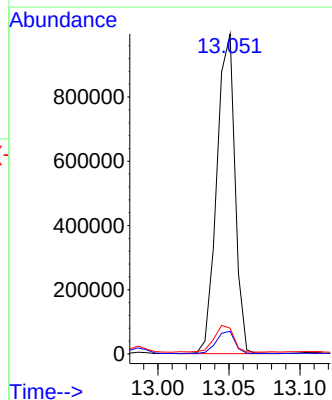
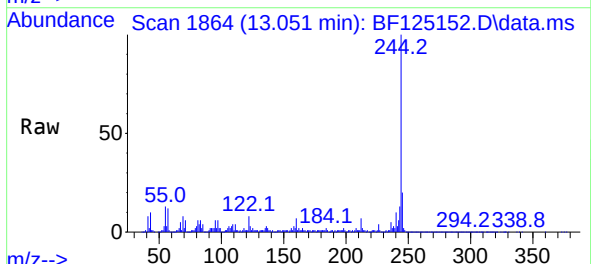
Instrument :
BNA_F
ClientSampleId :
1-BMENT-W

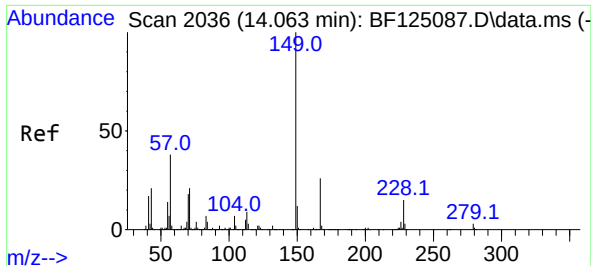
Tgt Ion:240 Resp: 357355
Ion Ratio Lower Upper
240 100
120 9.0 10.8 16.2#
236 25.9 21.6 32.4



#79
Terphenyl-d14
Concen: 39.477 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.012 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21

Tgt Ion:244 Resp: 885520
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 8.1 9.0 13.4#

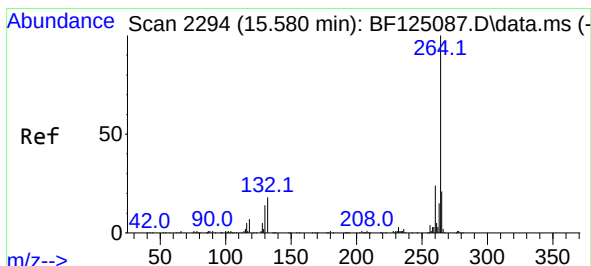
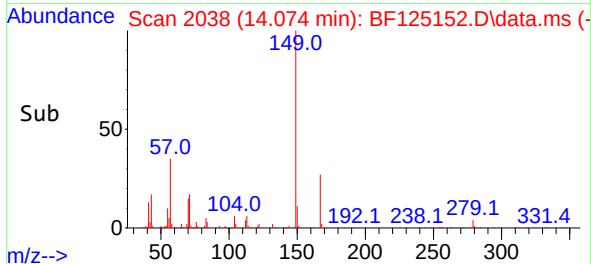
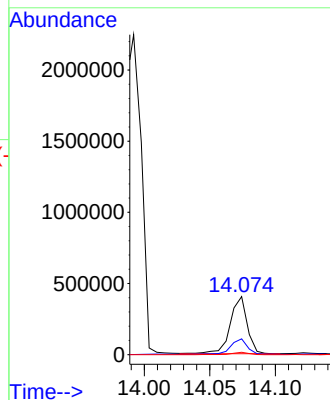
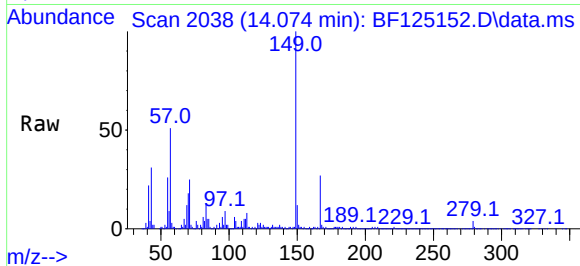




#84
Bis(2-ethylhexyl)phthalate
Concen: 21.739 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21

Instrument :
BNA_F
ClientSampleId :
1-BMENT-W

Tgt Ion:149 Resp: 359879
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.0
279 4.2 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2297
Delta R.T. 0.000 min
Lab File: BF125152.D
Acq: 23 Aug 2021 13:21

Tgt Ion:264 Resp: 378316
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 21.9 17.2 25.8

