

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
 Data File : BF125177.D
 Acq On : 24 Aug 2021 3:09
 Operator : JU/CG
 Sample : M3489-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-BMENT-F

Quant Time: Aug 24 04:51:30 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)

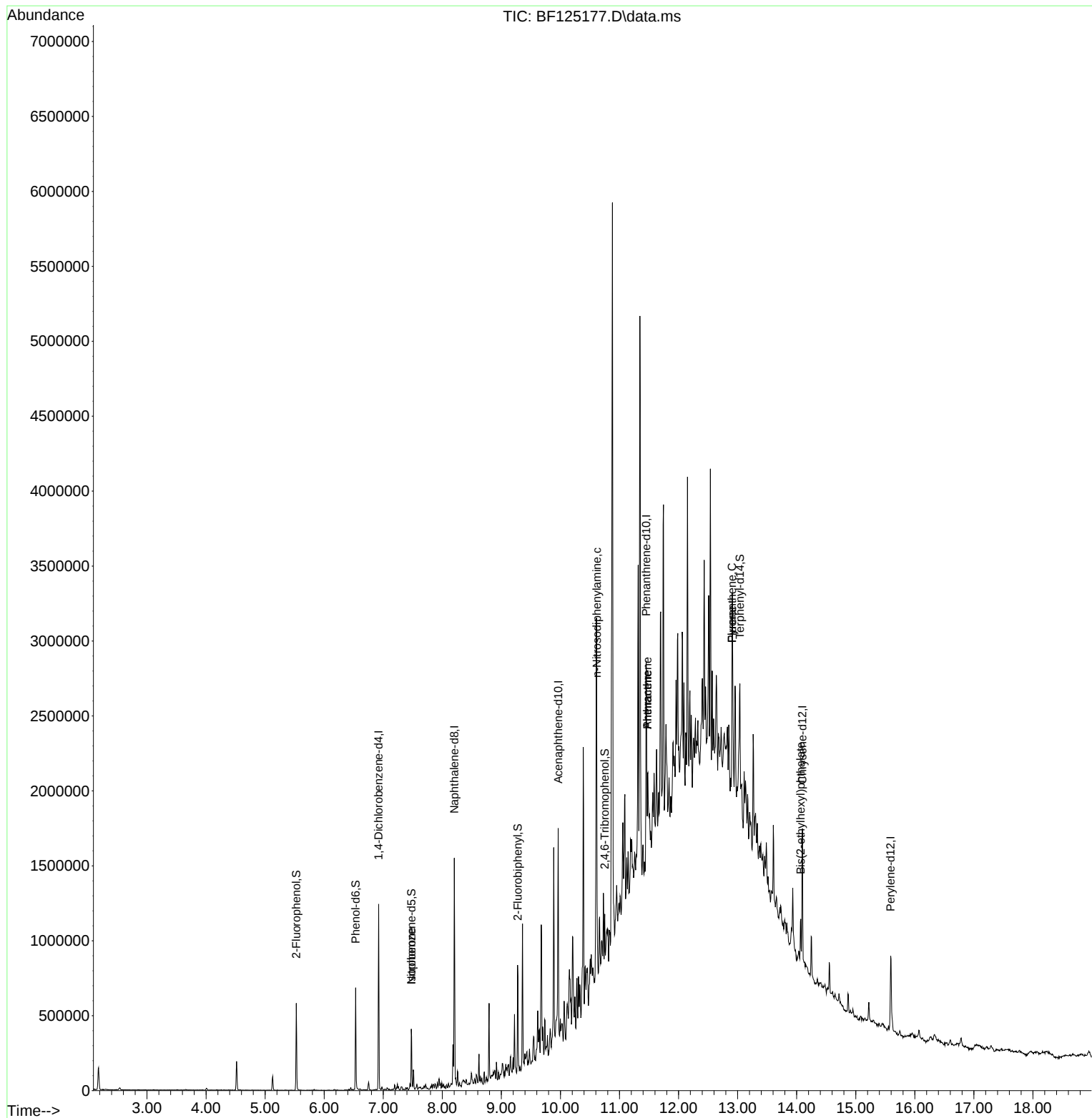
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	154822	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	569914	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	265415	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	415548	20.000	ng	0.00
76) Chrysene-d12	14.098	240	321711	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	238940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	132166	12.921	ng	-0.01
7) Phenol-d6	6.534	99	176805	13.365	ng	-0.01
23) Nitrobenzene-d5	7.475	82	114227	10.090	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	32056	12.099	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	211961	11.130	ng	-0.01
79) Terphenyl-d14	13.039	244	207917	10.296	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.475	82	114247	5.231	ng	# 59
66) n-Nitrosodiphenylamine	10.616	169	82791	5.564	ng	# 41
71) Phenanthrene	11.475	178	186154	8.130	ng	# 94
72) Anthracene	11.475	178	186154	8.248	ng	94
75) Fluoranthene	12.904	202	107418	4.728	ng	89
78) Pyrene	12.904	202	107418	3.892	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.068	149	82924	5.564	ng	# 97

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

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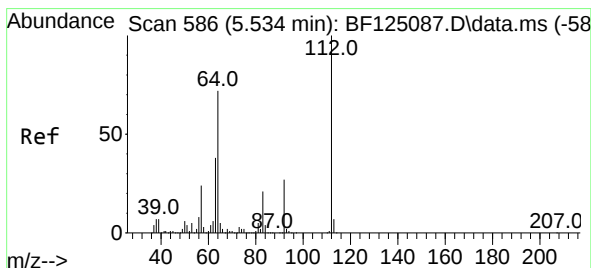
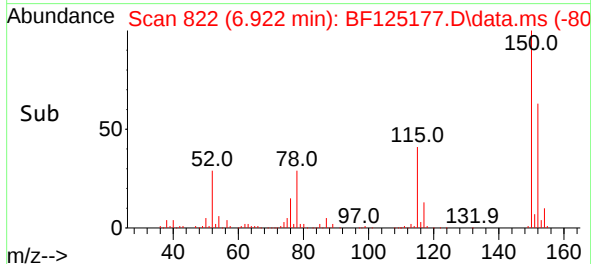
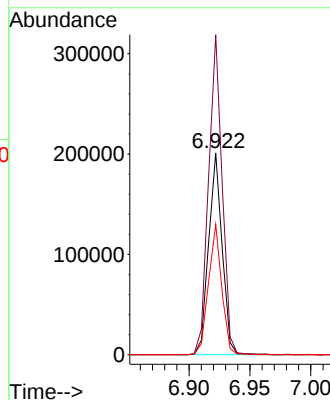
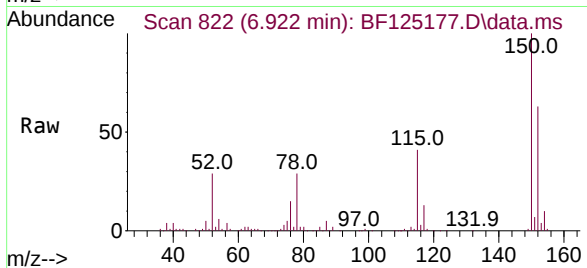




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF125177.D
Acq: 24 Aug 2021 3:09

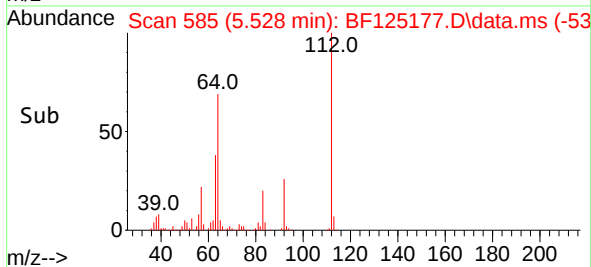
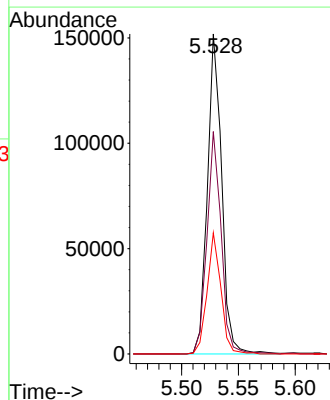
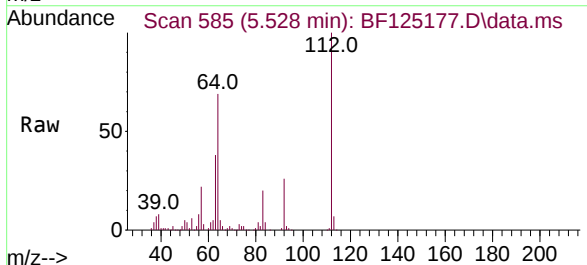
Instrument :
BNA_F
ClientSampleId :
1-BMENT-F

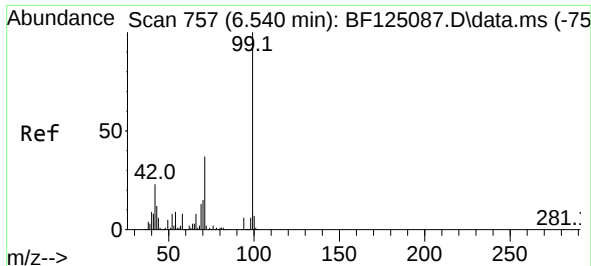
Tgt Ion:152 Resp: 154822
Ion Ratio Lower Upper
152 100
150 158.6 117.6 176.4
115 64.5 47.1 70.7



#5
2-Fluorophenol
Concen: 12.921 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.012 min
Lab File: BF125177.D
Acq: 24 Aug 2021 3:09

Tgt Ion:112 Resp: 132166
Ion Ratio Lower Upper
112 100
64 69.5 44.2 66.2#
63 37.9 26.2 39.2

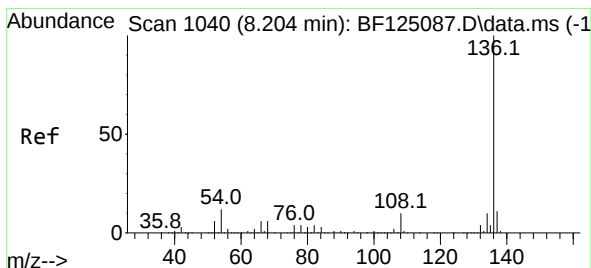
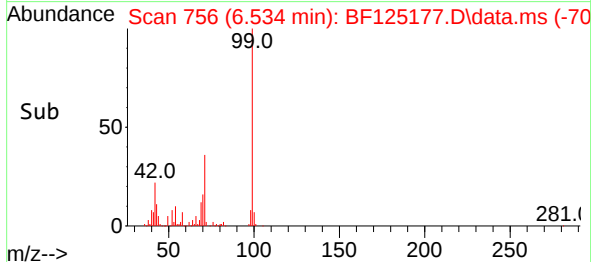
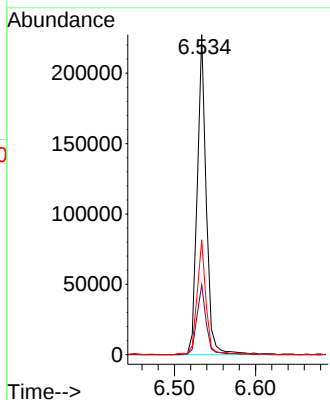
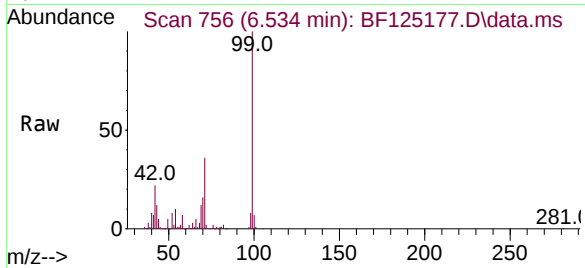




#7
Phenol-d6
Concen: 13.365 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.012 min
Lab File: BF125177.D
Acq: 24 Aug 2021 3:09

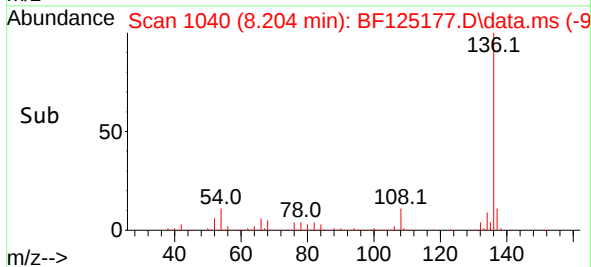
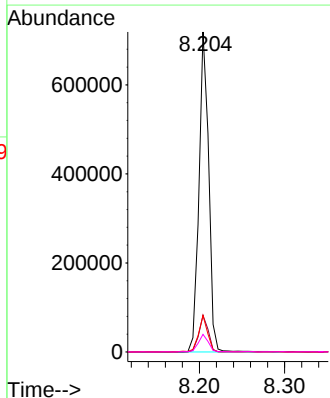
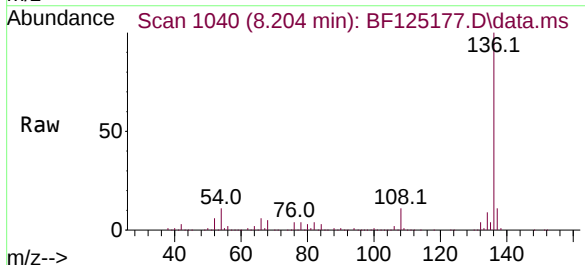
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BNA_F
ClientSampleId :
1-BMENT-F

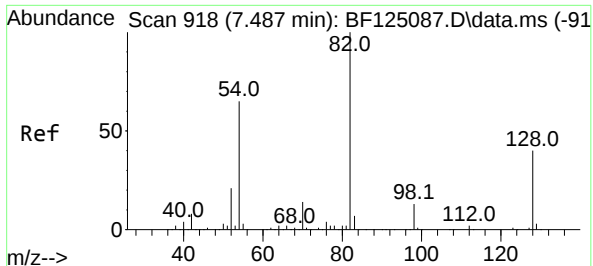
Tgt Ion: 99 Resp: 176805
Ion Ratio Lower Upper
99 100
42 21.8 23.5 35.3#
71 35.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF125177.D
Acq: 24 Aug 2021 3:09

Tgt Ion: 136 Resp: 569914
Ion Ratio Lower Upper
136 100
137 11.5 9.8 14.6
54 11.4 6.4 9.6#
68 5.5 3.3 4.9#

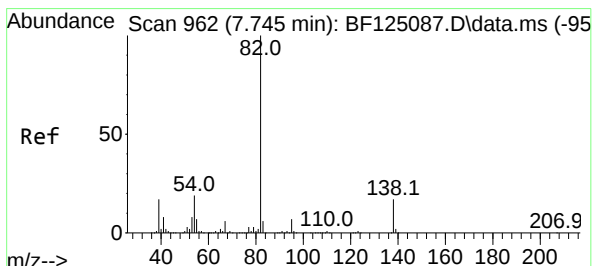
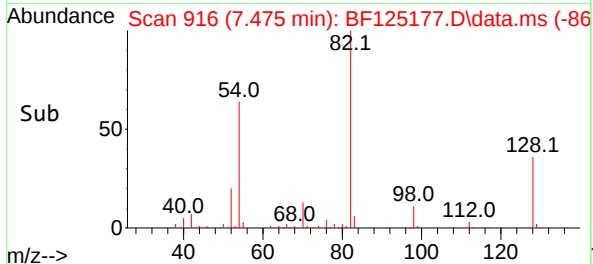
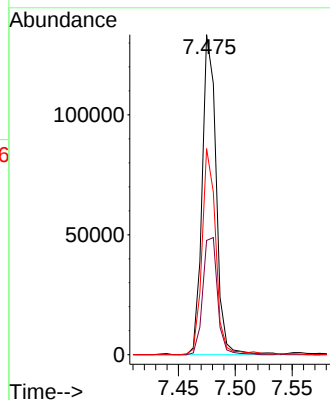
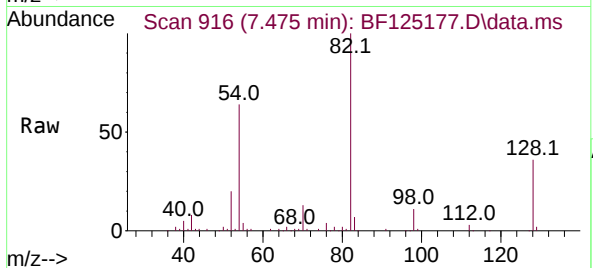




#23
Nitrobenzene-d5
Concen: 10.090 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF125177.D
Acq: 24 Aug 2021 3:09

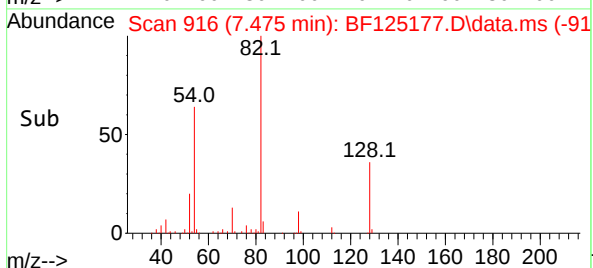
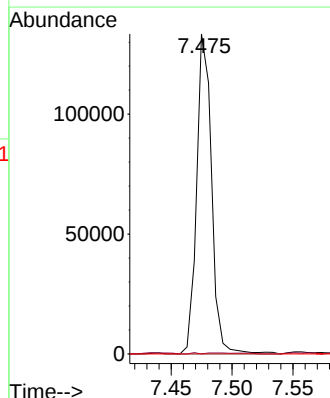
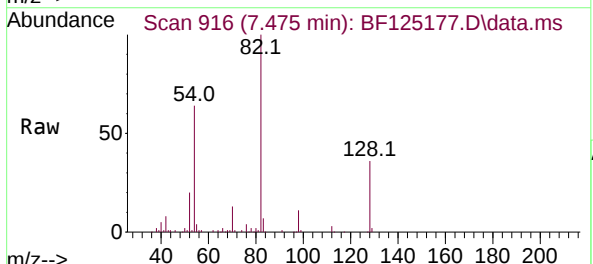
Instrument :
BNA_F
ClientSampleId :
1-BMENT-F

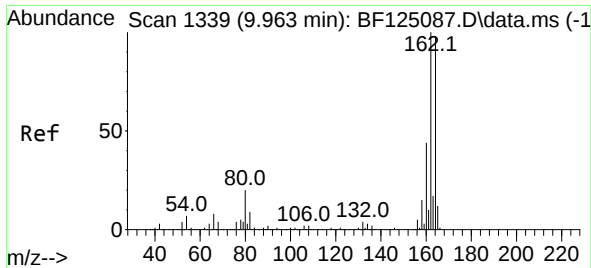
Tgt Ion: 82 Resp: 114227
Ion Ratio Lower Upper
82 100
128 35.7 40.6 60.8#
54 64.4 49.6 74.4



#25
Isophorone
Concen: 5.231 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.270 min
Lab File: BF125177.D
Acq: 24 Aug 2021 3:09

Tgt Ion: 82 Resp: 114247
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

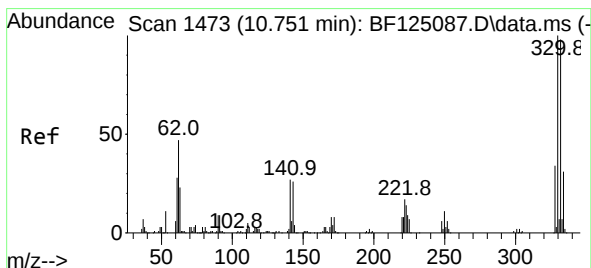
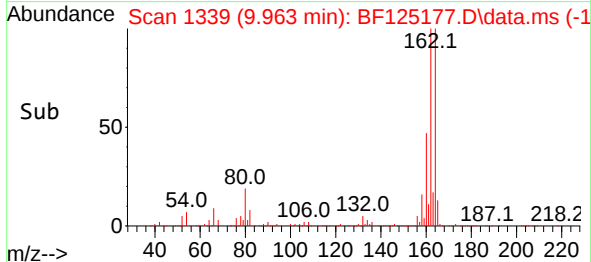
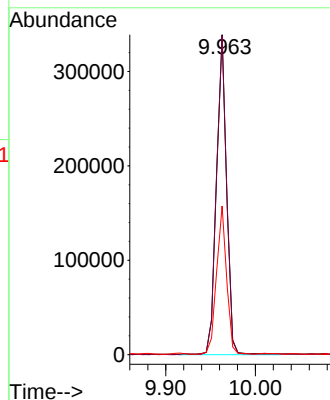
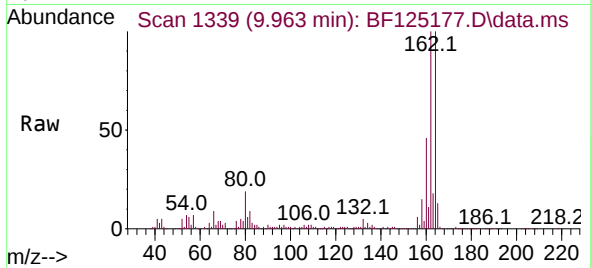




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF125177.D
Acq: 24 Aug 2021 3:09

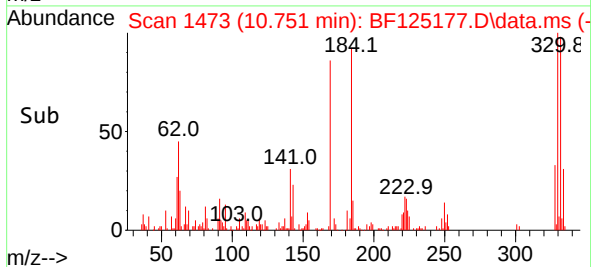
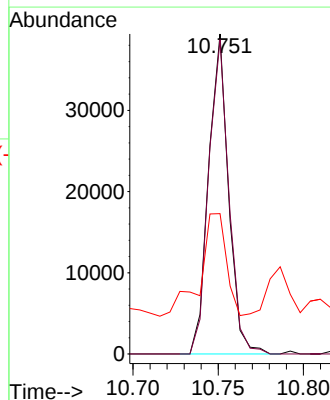
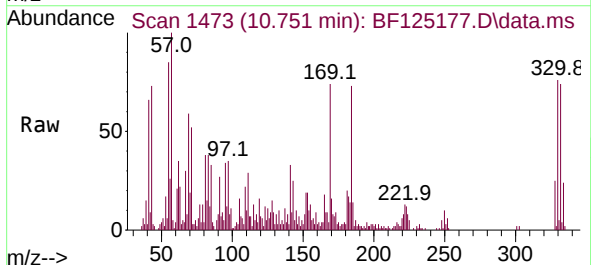
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ClientSampleId :
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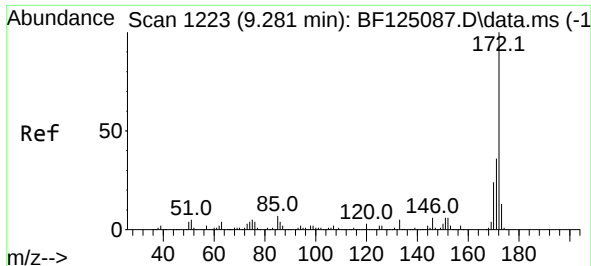
Tgt Ion:164 Resp: 265415
Ion Ratio Lower Upper
164 100
162 99.7 81.3 121.9
160 46.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 12.099 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF125177.D
Acq: 24 Aug 2021 3:09

Tgt Ion:330 Resp: 32056
Ion Ratio Lower Upper
330 100
332 99.3 76.2 114.4
141 42.3 44.6 66.8#

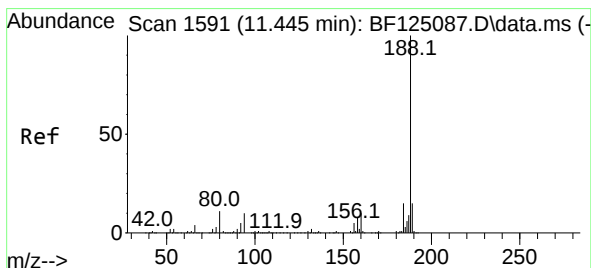
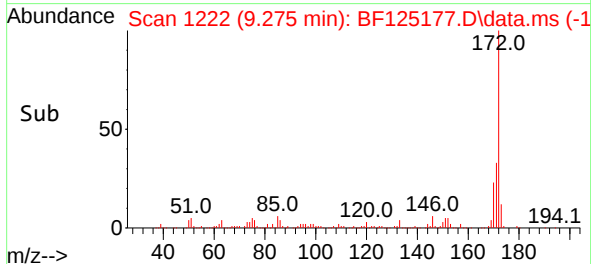
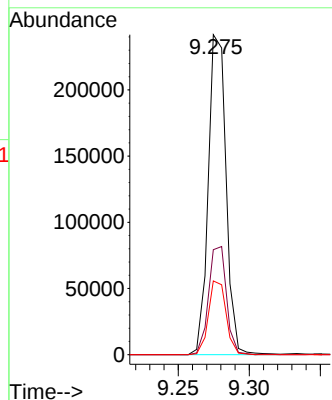
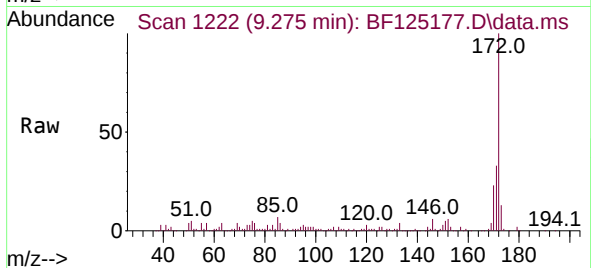




#45
2-Fluorobiphenyl
Concen: 11.130 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.012 min
Lab File: BF125177.D
Acq: 24 Aug 2021 3:09

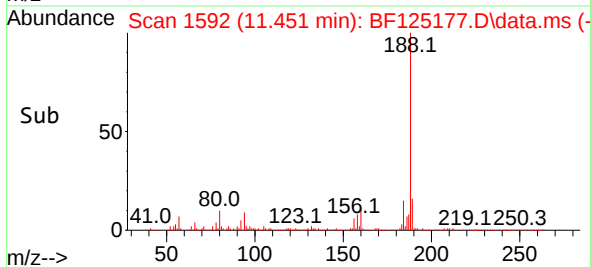
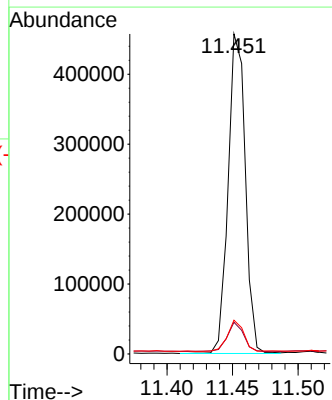
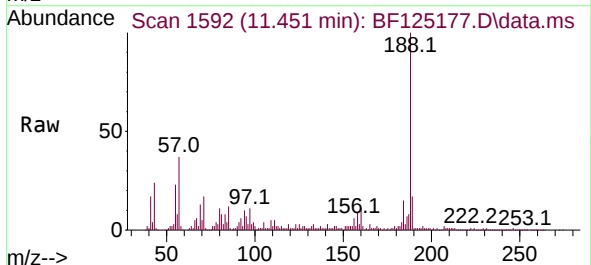
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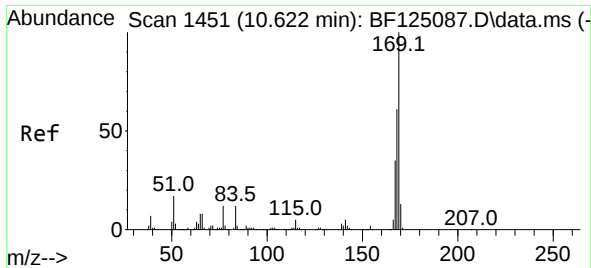
Tgt Ion:172 Resp: 211961
Ion Ratio Lower Upper
172 100
171 32.8 26.5 39.7
170 23.0 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF125177.D
Acq: 24 Aug 2021 3:09

Tgt Ion:188 Resp: 415548
Ion Ratio Lower Upper
188 100
94 9.9 6.7 10.1
80 10.6 7.5 11.3

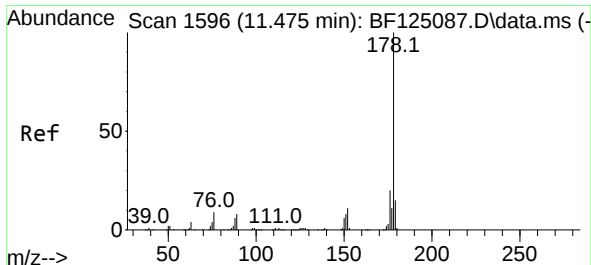
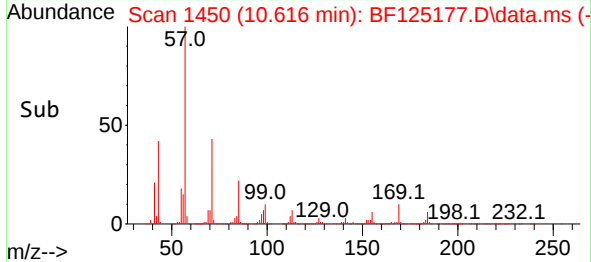
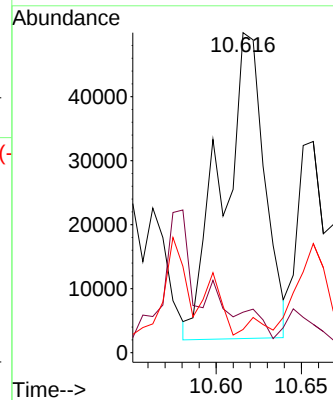
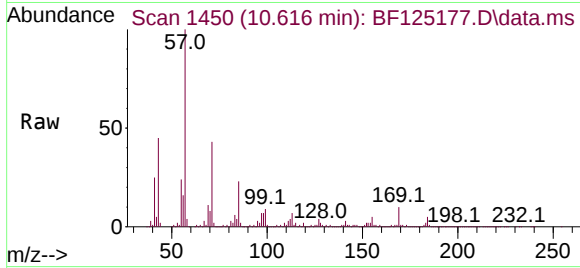




#66
n-Nitrosodiphenylamine
Concen: 5.564 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF125177.D
Acq: 24 Aug 2021 3:09

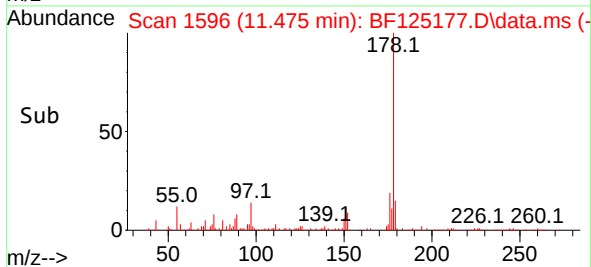
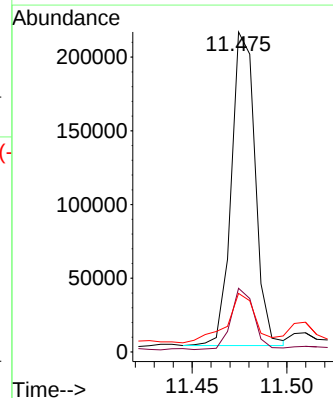
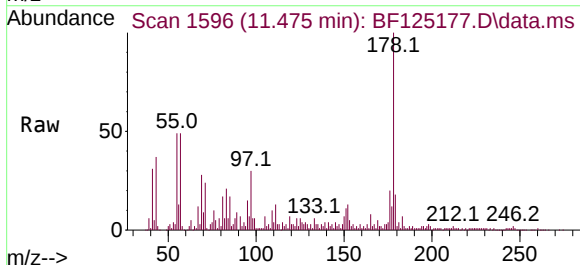
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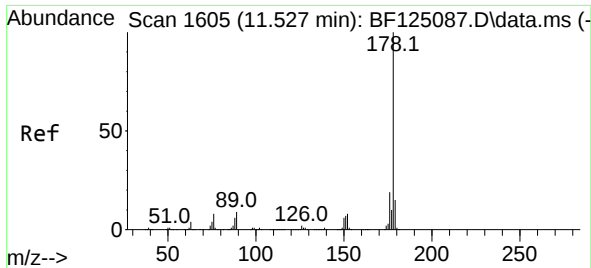
Tgt Ion:169 Resp: 82791
Ion Ratio Lower Upper
169 100
168 12.7 50.8 76.2#
167 7.2 28.8 43.2#



#71
Phenanthrene
Concen: 8.130 ng
RT: 11.475 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF125177.D
Acq: 24 Aug 2021 3:09

Tgt Ion:178 Resp: 186154
Ion Ratio Lower Upper
178 100
176 19.9 14.7 22.1
179 18.3 11.5 17.3#

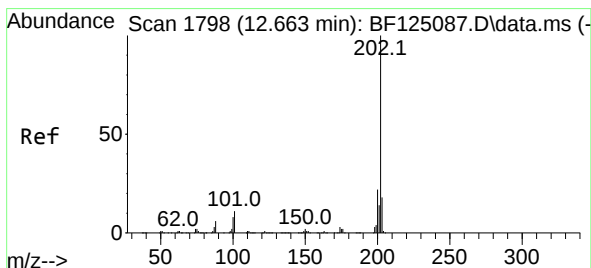
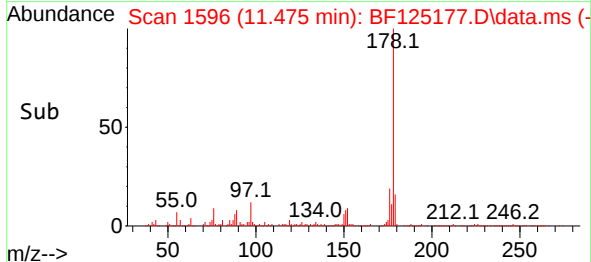
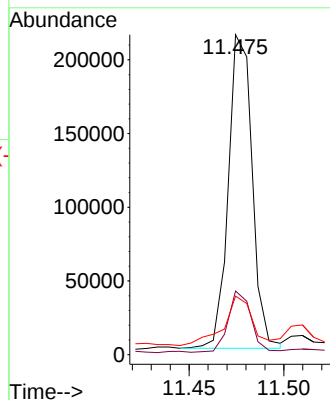
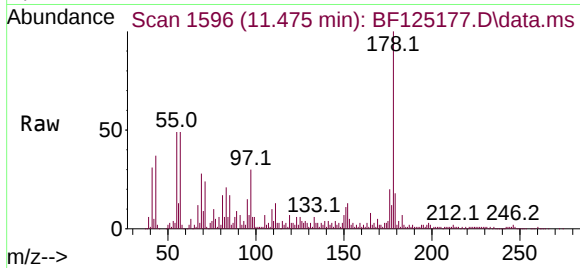




#72
 Anthracene
 Concen: 8.248 ng
 RT: 11.475 min Scan# 1596
 Delta R.T. -0.053 min
 Lab File: BF125177.D
 Acq: 24 Aug 2021 3:09

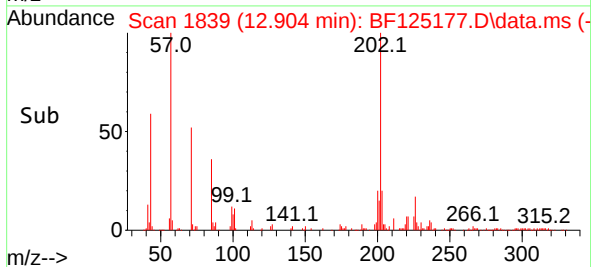
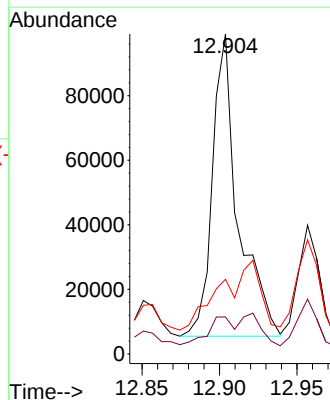
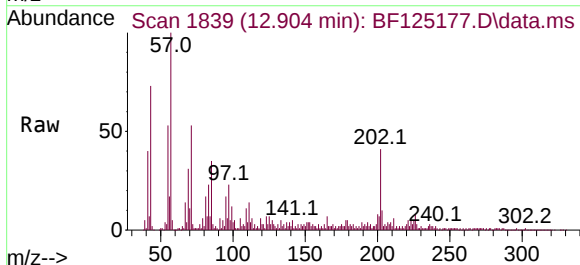
Instrument :
 BNA_F
 ClientSampleId :
 1-BMENT-F

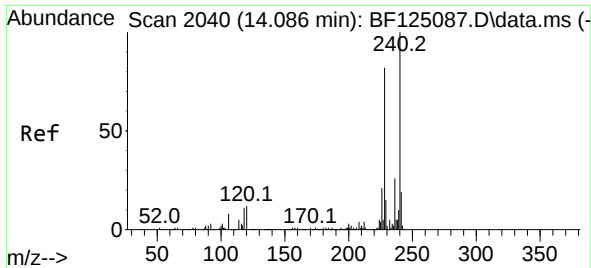
Tgt Ion:178 Resp: 186154
 Ion Ratio Lower Upper
 178 100
 176 19.9 14.3 21.5
 179 18.3 12.2 18.4



#75
 Fluoranthene
 Concen: 4.728 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. 0.235 min
 Lab File: BF125177.D
 Acq: 24 Aug 2021 3:09

Tgt Ion:202 Resp: 107418
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 30.7
 203 23.3 0.0 36.3

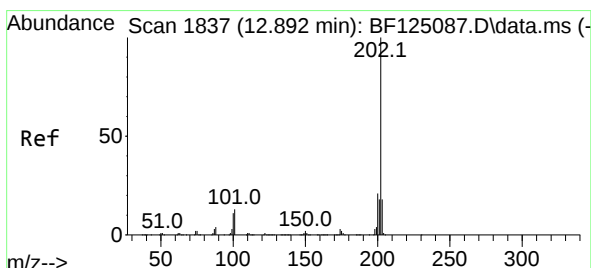
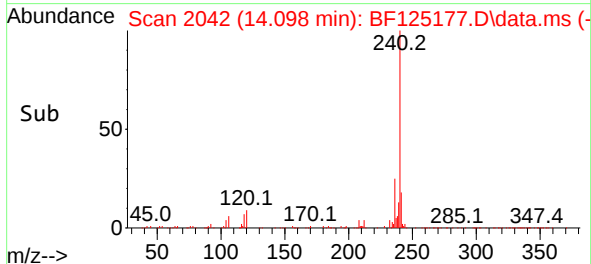
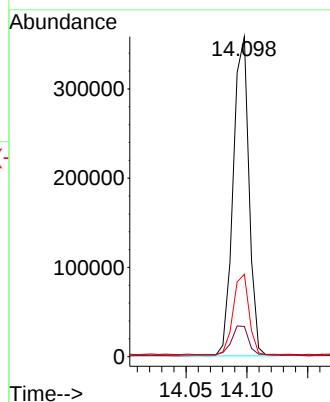
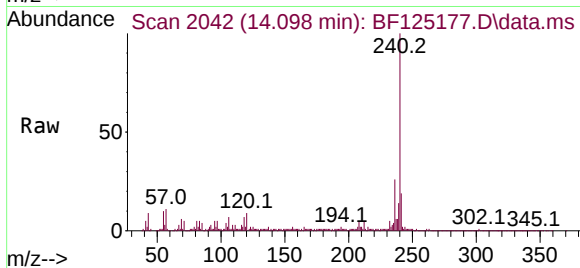




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BF125177.D
Acq: 24 Aug 2021 3:09

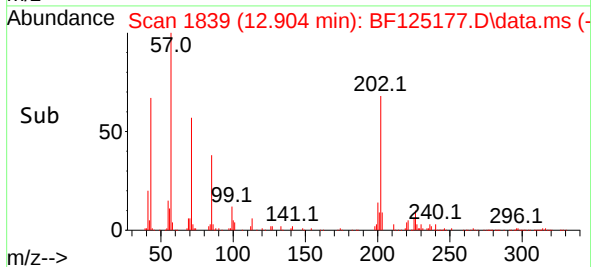
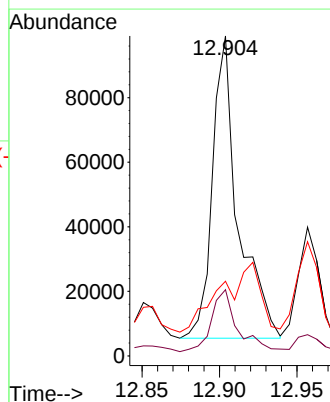
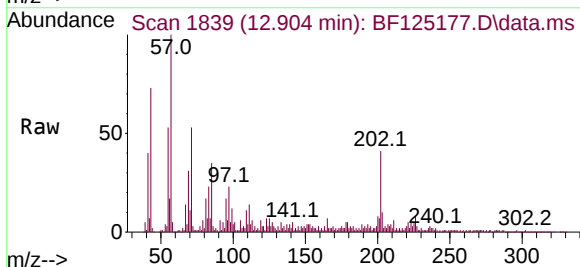
Instrument :
BNA_F
ClientSampleId :
1-BMENT-F

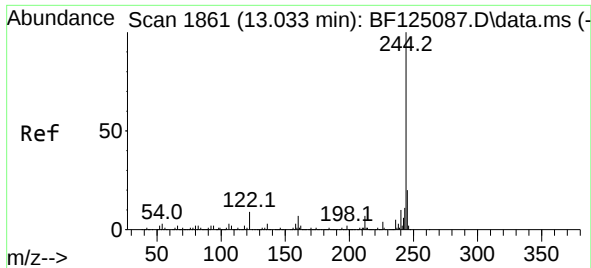
Tgt Ion:240 Resp: 321711
Ion Ratio Lower Upper
240 100
120 9.5 10.8 16.2#
236 25.7 21.6 32.4



#78
Pyrene
Concen: 3.892 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.006 min
Lab File: BF125177.D
Acq: 24 Aug 2021 3:09

Tgt Ion:202 Resp: 107418
Ion Ratio Lower Upper
202 100
200 20.7 15.3 22.9
203 23.3 13.4 20.0#

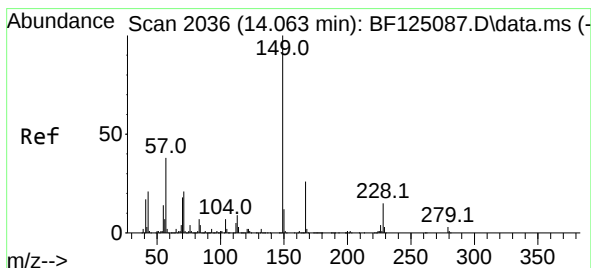
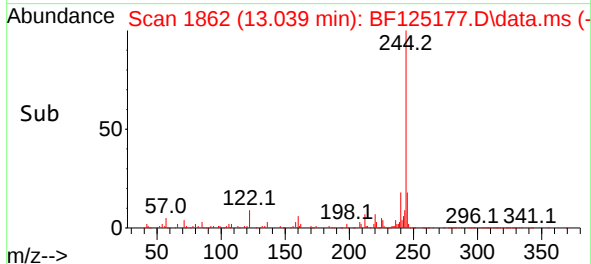
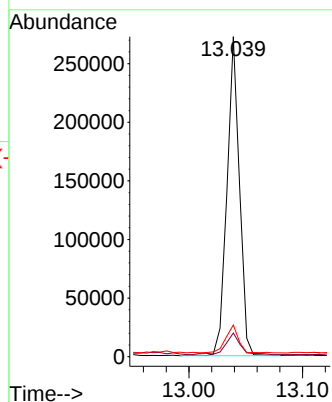
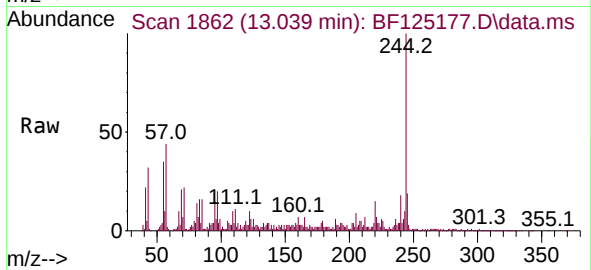




#79
Terphenyl-d14
Concen: 10.296 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.000 min
Lab File: BF125177.D
Acq: 24 Aug 2021 3:09

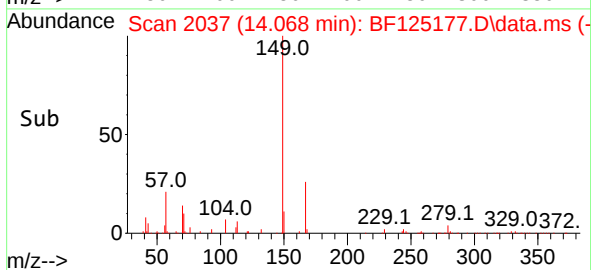
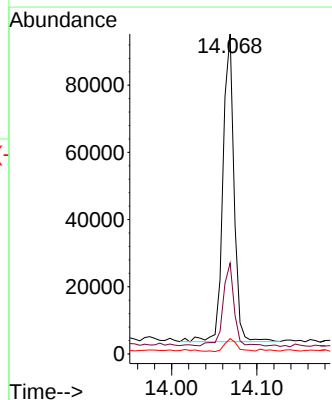
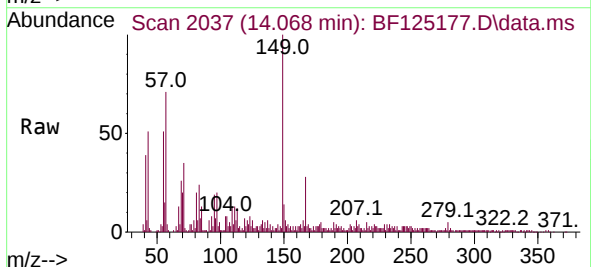
Instrument :
BNA_F
ClientSampleId :
1-BMENT-F

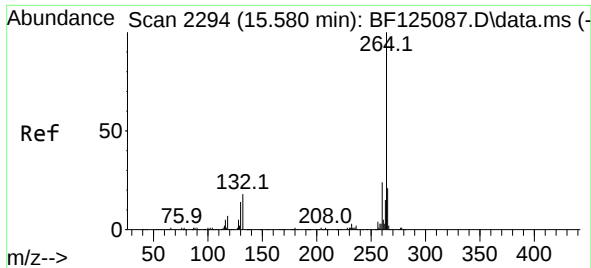
Tgt Ion:244	Resp:	207917
Ion Ratio	Lower	Upper
244	100	
212	7.4	5.9 8.9
122	9.9	9.0 13.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.564 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF125177.D
Acq: 24 Aug 2021 3:09

Tgt Ion:149	Resp:	82924
Ion Ratio	Lower	Upper
149	100	
167	28.4	21.4 32.0
279	4.8	2.6 4.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2296
 Delta R.T. -0.006 min
 Lab File: BF125177.D
 Acq: 24 Aug 2021 3:09

Instrument :
 BNA_F
 ClientSampleId :
 1-BMENT-F

Tgt Ion:264	Resp:	238940
Ion Ratio	Lower	Upper
264	100	
260	23.6	19.6 29.4
265	21.3	17.2 25.8

