

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
 Data File : BF125188.D
 Acq On : 24 Aug 2021 16:44
 Operator : JU/CG
 Sample : M3521-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124027

Quant Time: Aug 24 17:15:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

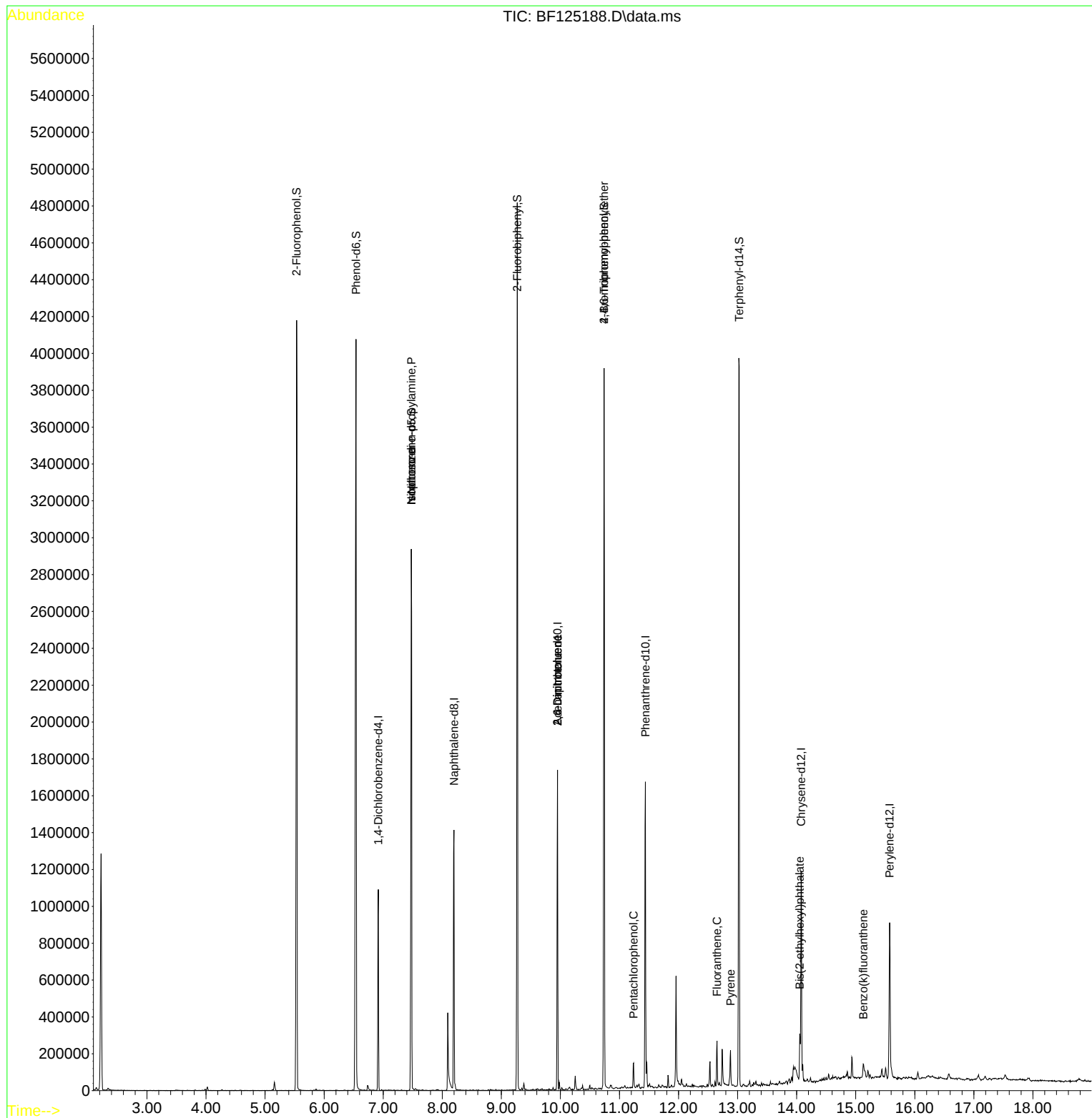
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	151622	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	602024	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	326382	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	600506	20.000	ng	0.00
76) Chrysene-d12	14.074	240	387977	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	391810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1161354	115.935	ng	0.00
7) Phenol-d6	6.540	99	1472631	113.668	ng	0.00
23) Nitrobenzene-d5	7.475	82	995640	83.260	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	498834	153.110	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1462631	62.458	ng	0.00
79) Terphenyl-d14	13.027	244	1509675	61.989	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	138818	17.814	ng	# 61
25) Isophorone	7.475	82	995814	43.167	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	41621	8.486	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	41621	7.012	ng	# 19
67) 4-Bromophenyl-phenylether	10.739	248	31434	4.359	ng	# 1
70) Pentachlorophenol	11.239	266	17204	3.972	ng	94
75) Fluoranthene	12.651	202	88906	2.708	ng	98
78) Pyrene	12.880	202	78371	2.355	ng	96
84) Bis(2-ethylhexyl)phtha...	14.051	149	62940	3.502	ng	99
89) Benzo(k)fluoranthene	15.127	252	53721	2.011	ng	# 97

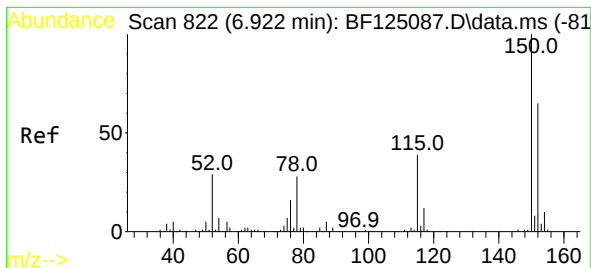
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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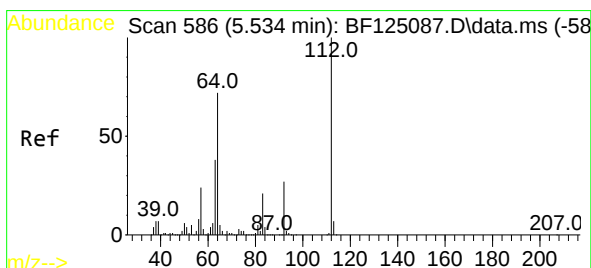
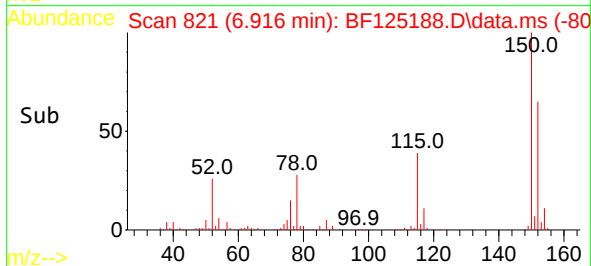
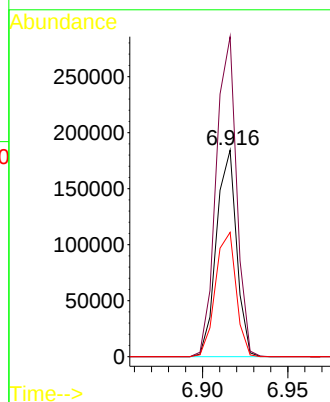
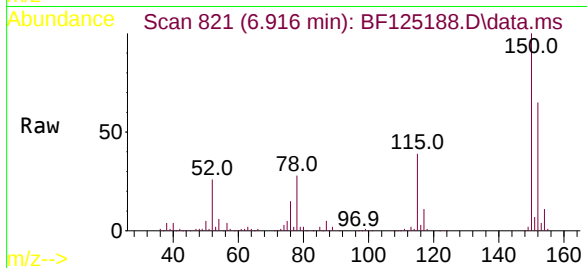




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

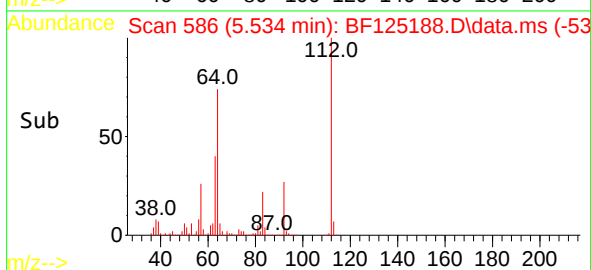
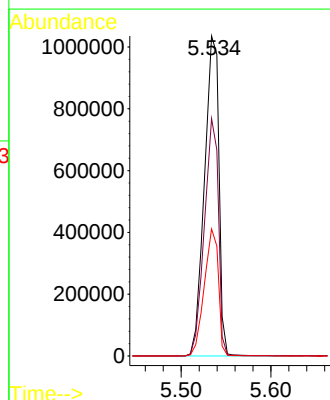
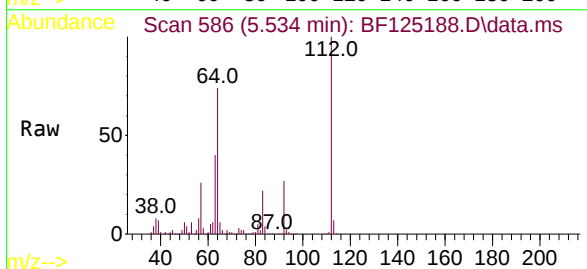
Instrument :
BNA_F
ClientSampled :
124027

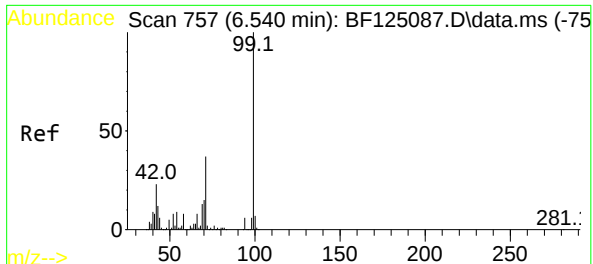
Tgt Ion:152 Resp: 151622
Ion Ratio Lower Upper
152 100
150 154.9 117.6 176.4
115 60.2 47.1 70.7



#5
2-Fluorophenol
Concen: 115.935 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Tgt Ion:112 Resp: 1161354
Ion Ratio Lower Upper
112 100
64 74.2 44.2 66.2#
63 39.7 26.2 39.2#

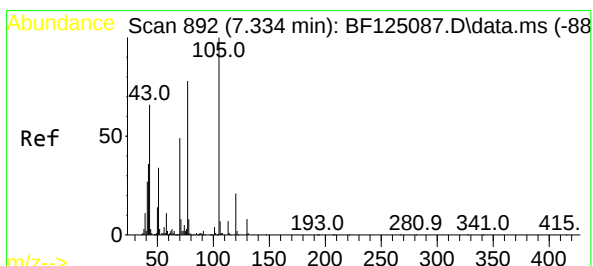
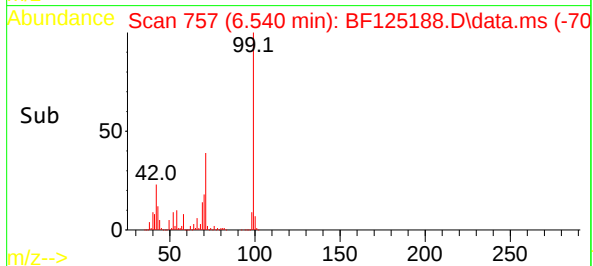
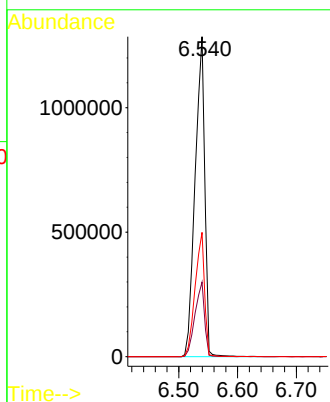
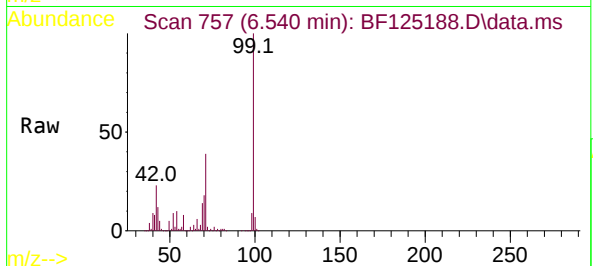




#7
Phenol-d6
Concen: 113.668 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

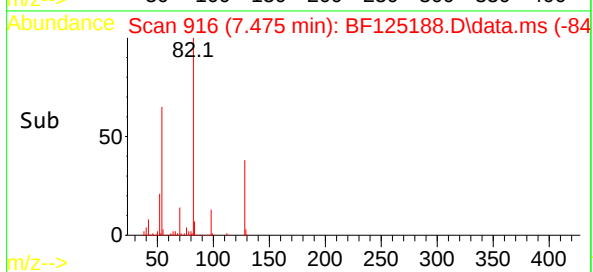
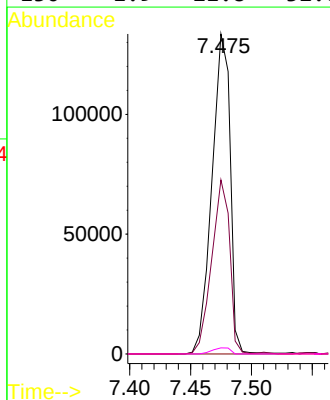
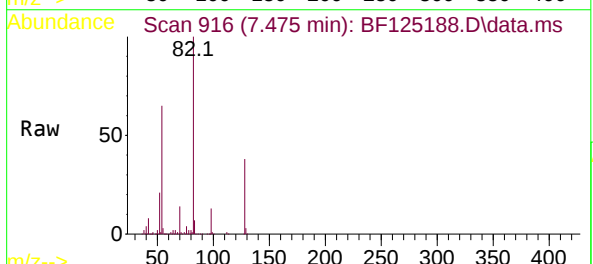
Instrument :
BNA_F
ClientSampleId :
124027

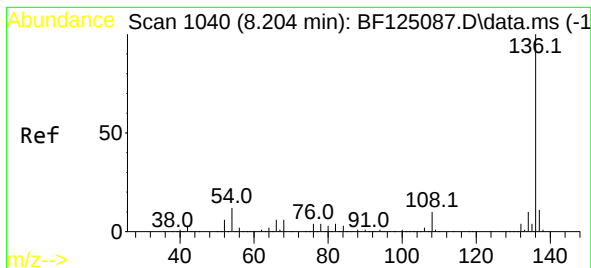
Tgt Ion: 99 Resp: 1472631
Ion Ratio Lower Upper
99 100
42 23.3 23.5 35.3#
71 38.8 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 17.814 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Tgt Ion: 70 Resp: 138818
Ion Ratio Lower Upper
70 100
42 54.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#



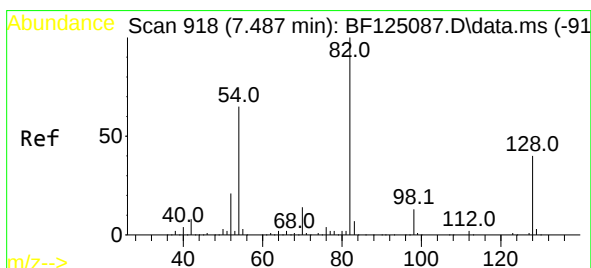
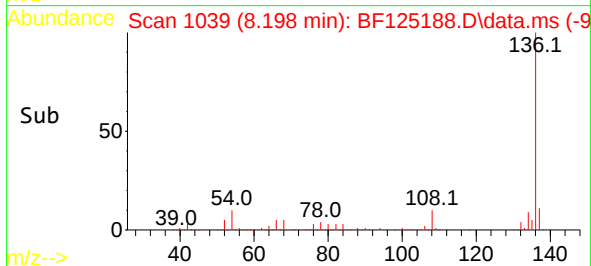
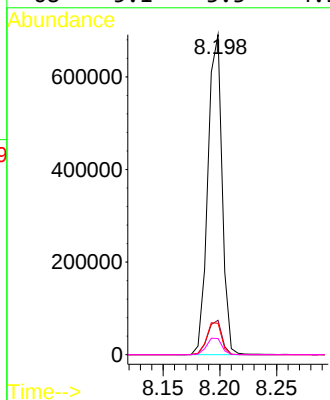
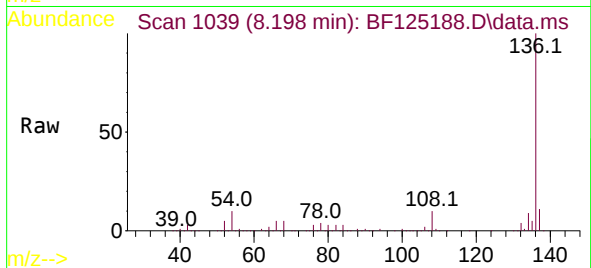


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Instrument :
BNA_F
ClientSampleId :
124027

Tgt Ion:136 Resp: 602024

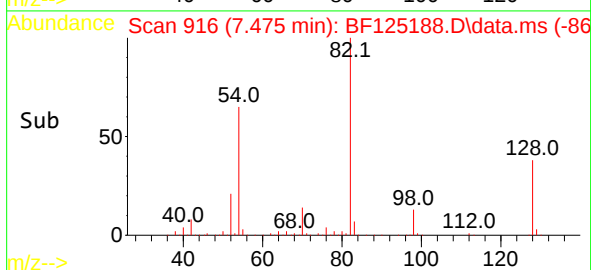
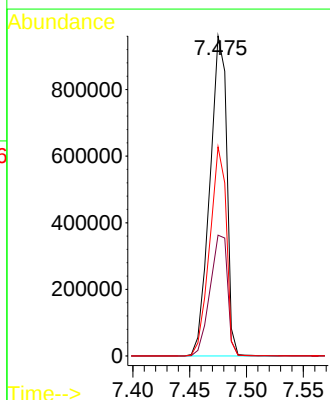
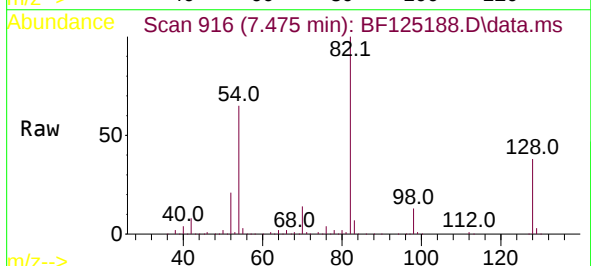
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	9.8	6.4	9.6#
68	5.1	3.3	4.9#

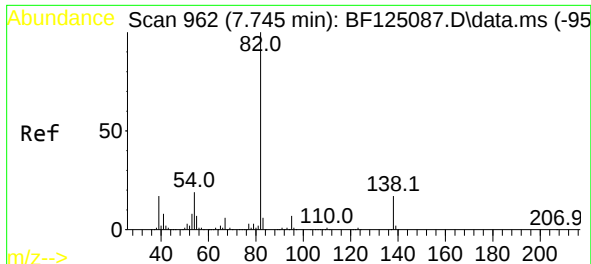


#23
Nitrobenzene-d5
Concen: 83.260 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Tgt Ion: 82 Resp: 995640

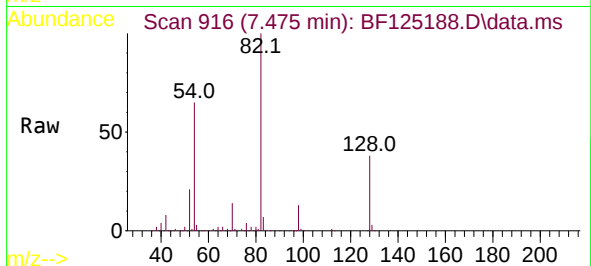
Ion	Ratio	Lower	Upper
82	100		
128	37.8	40.6	60.8#
54	65.4	49.6	74.4



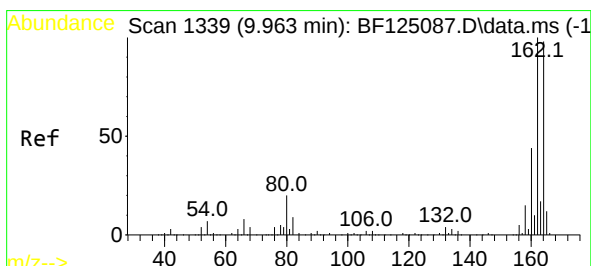
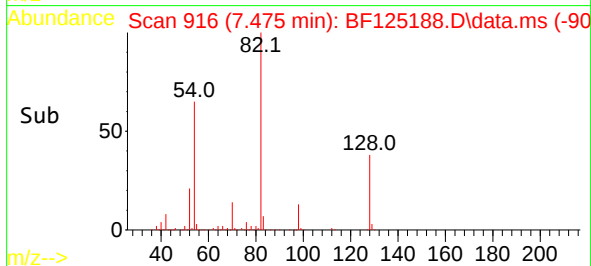
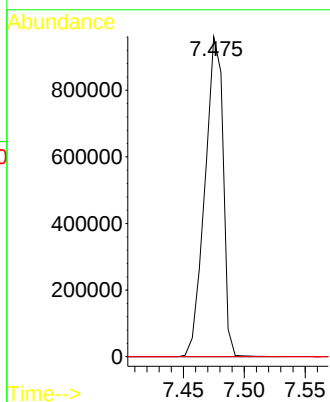


#25
Isophorone
Concen: 43.167 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Instrument :
BNA_F
ClientSampleId :
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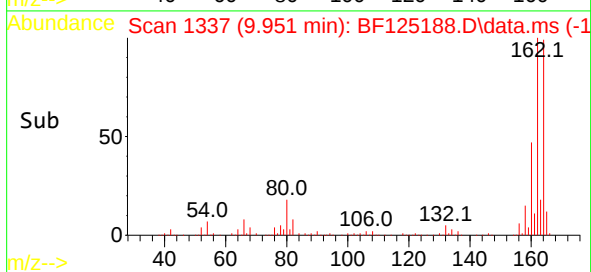
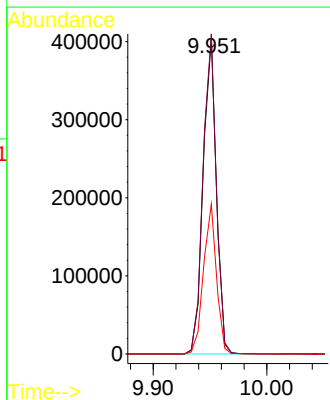
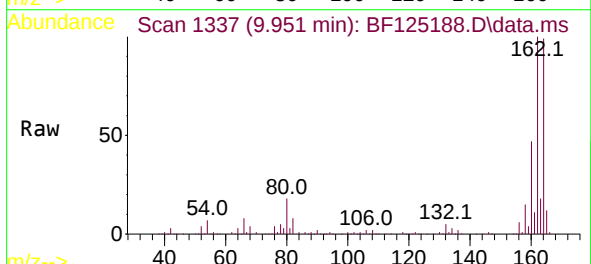


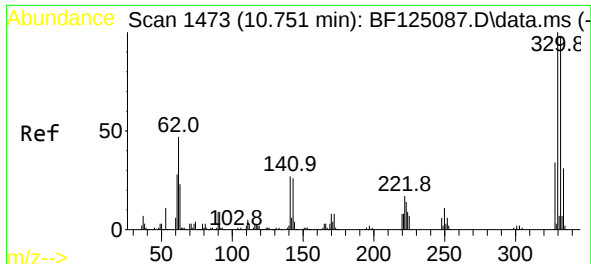
Tgt Ion: 82 Resp: 995814
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Tgt Ion: 164 Resp: 326382
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 47.5 38.0 57.0

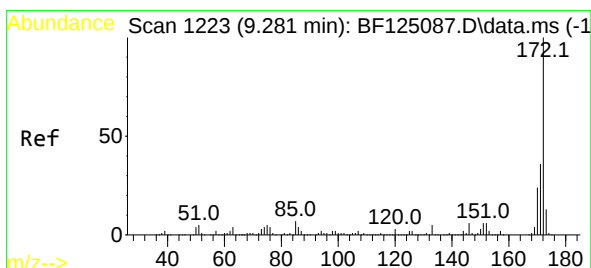
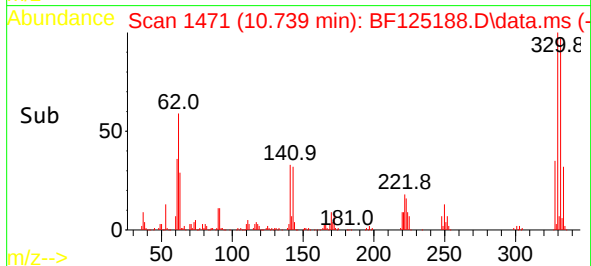
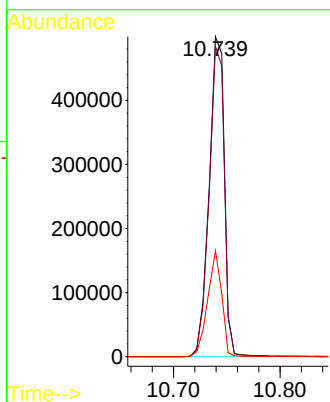
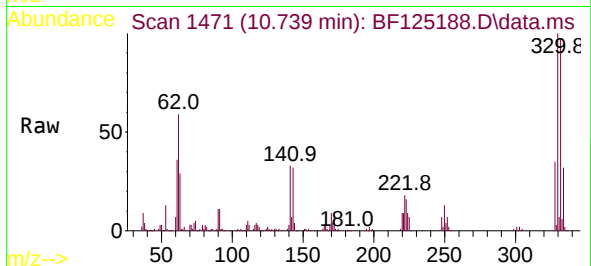




#42
2,4,6-Tribromophenol
Concen: 153.110 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

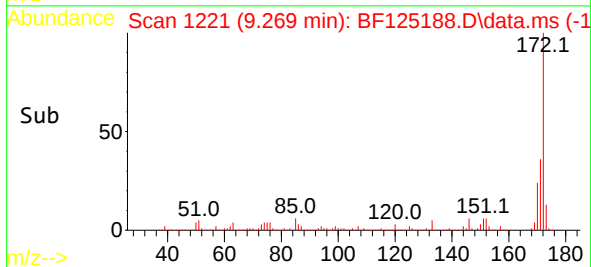
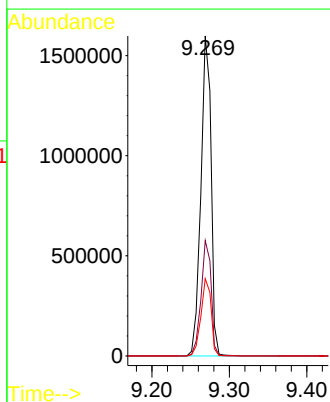
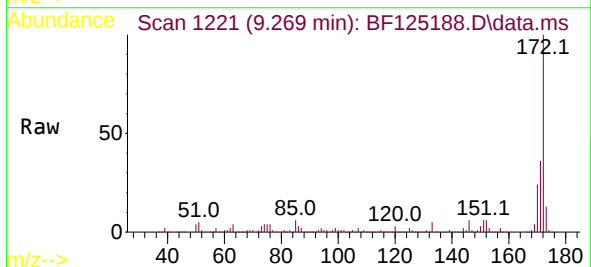
Instrument :
BNA_F
ClientSampleId :
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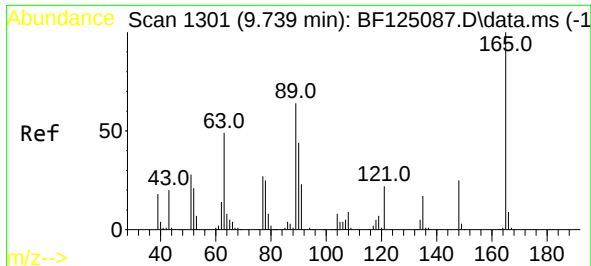
Tgt Ion: 330 Resp: 498834
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 30.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 62.458 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Tgt Ion: 172 Resp: 1462631
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 24.2 18.8 28.2

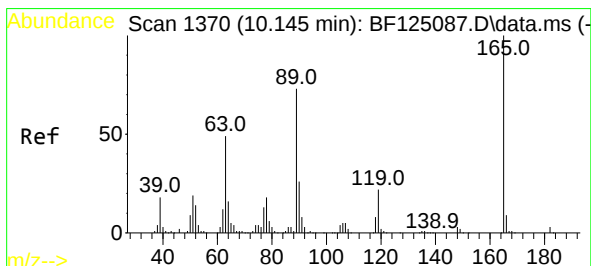
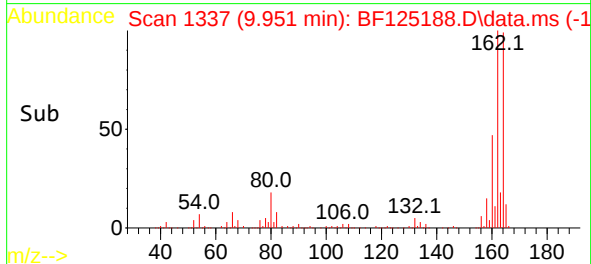
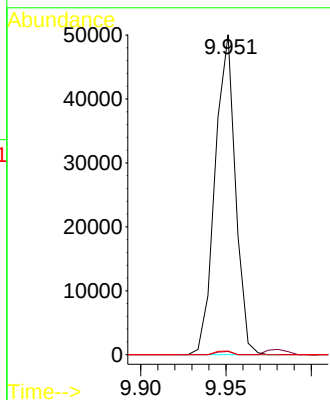
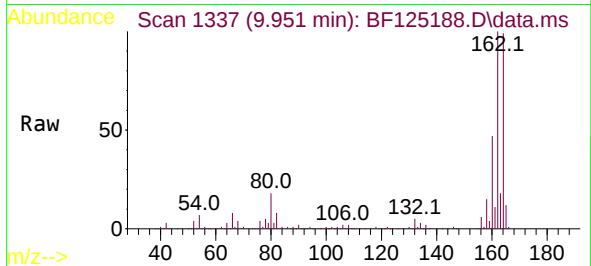




#51
2,6-Dinitrotoluene
Concen: 8.486 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

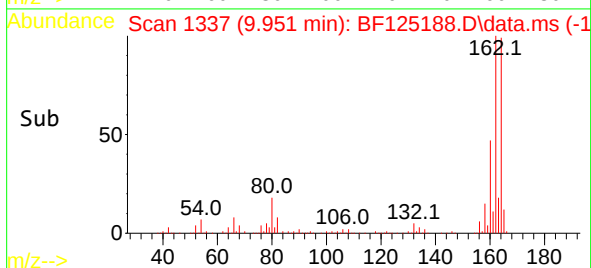
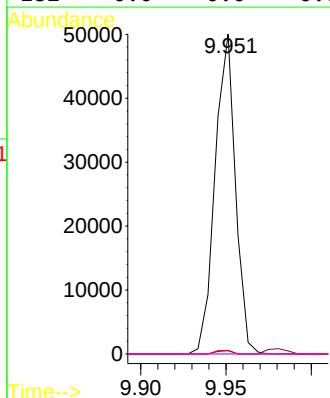
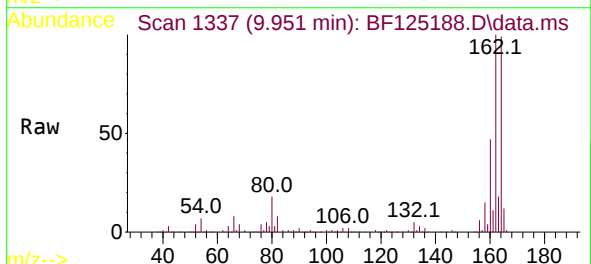
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ClientSampleId :
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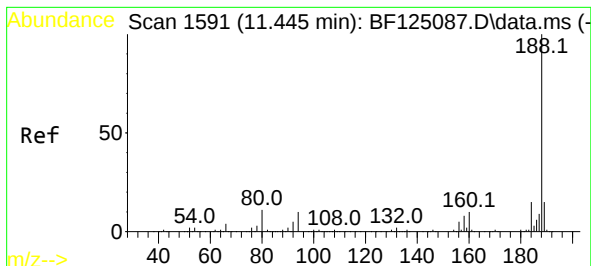
Tgt Ion:165 Resp: 41621
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.012 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Tgt Ion:165 Resp: 41621
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

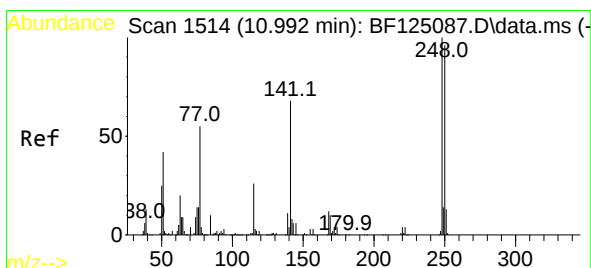
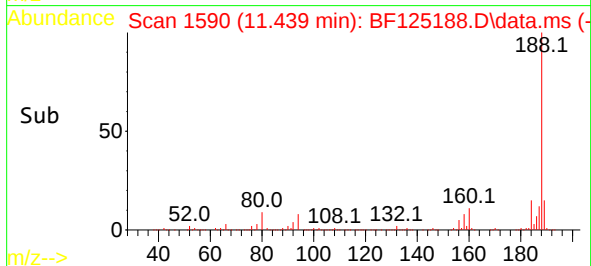
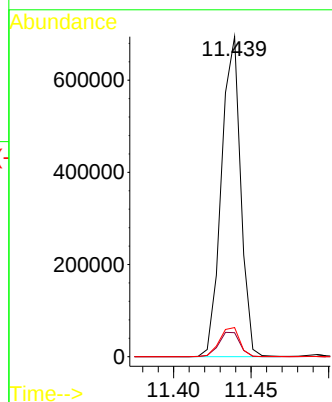
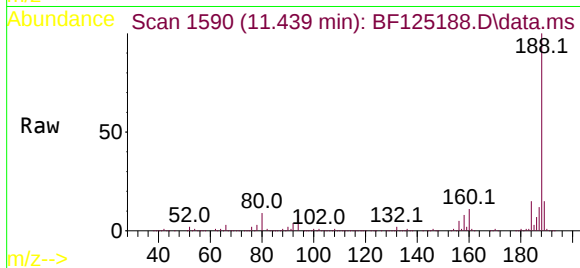




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

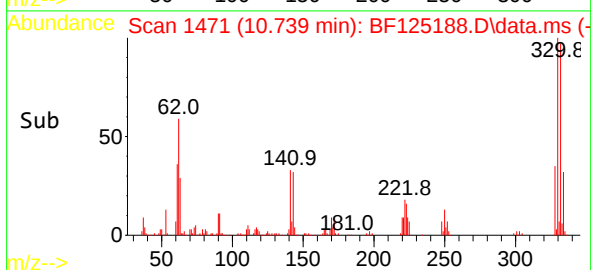
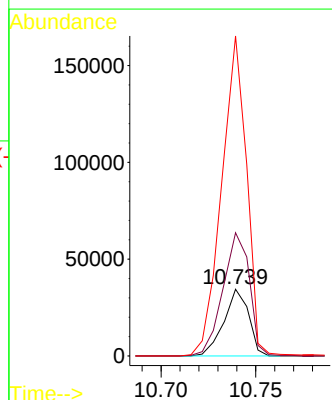
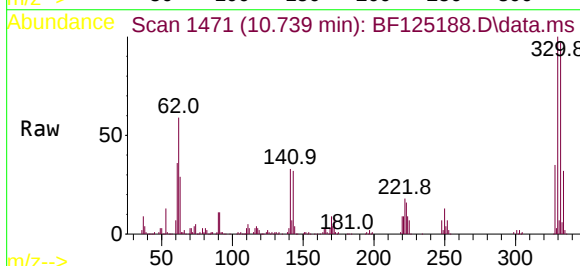
Instrument :
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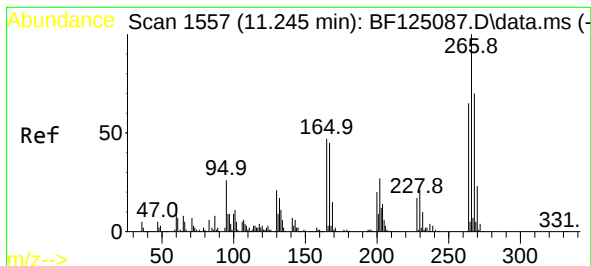
Tgt Ion:188 Resp: 600506
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 9.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.359 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Tgt Ion:248 Resp: 31434
Ion Ratio Lower Upper
248 100
250 184.5 74.2 111.4#
141 479.0 60.4 90.6#

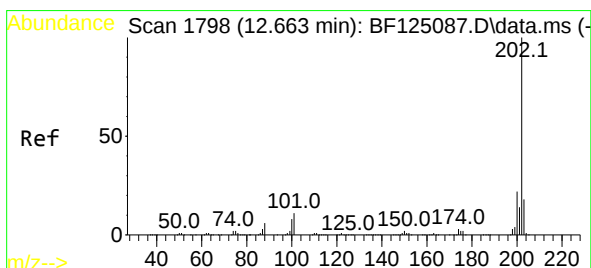
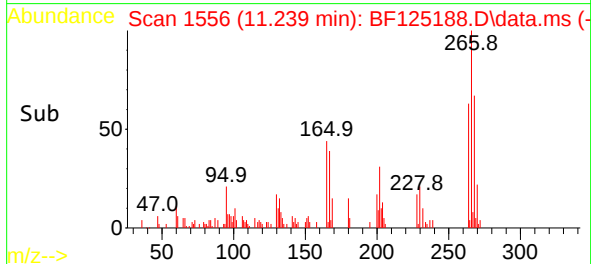
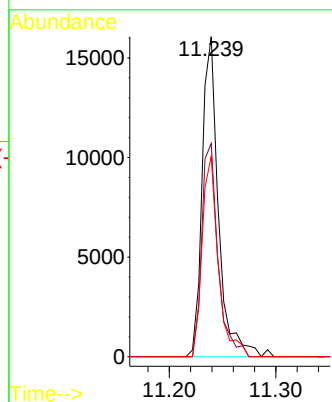
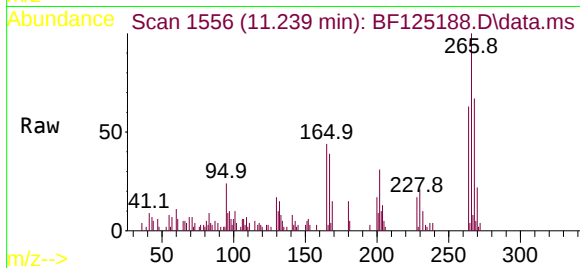




#70
Pentachlorophenol
Concen: 3.972 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

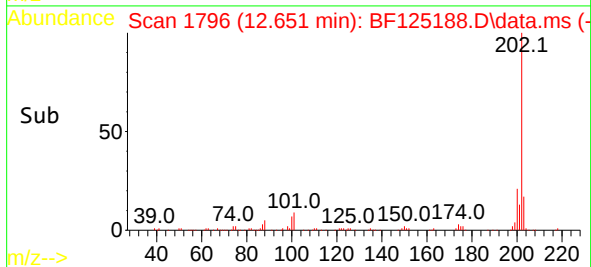
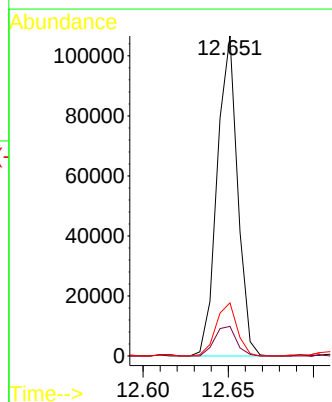
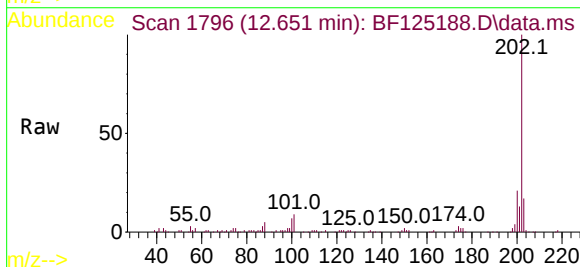
Instrument :
BNA_F
ClientSampleId :
124027

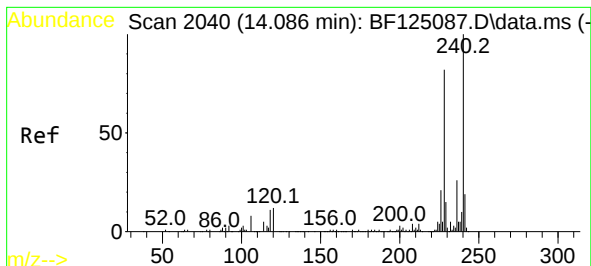
Tgt Ion:266 Resp: 17204
Ion Ratio Lower Upper
266 100
268 66.6 48.9 73.3
264 66.5 55.9 83.9



#75
Fluoranthene
Concen: 2.708 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Tgt Ion:202 Resp: 88906
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.7
203 16.6 0.0 36.3

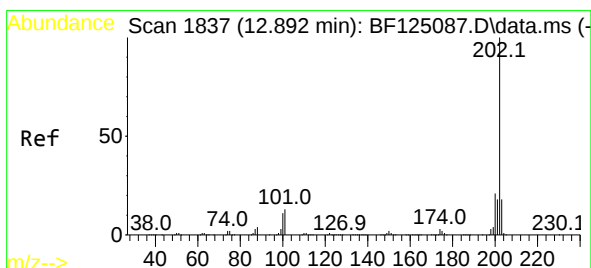
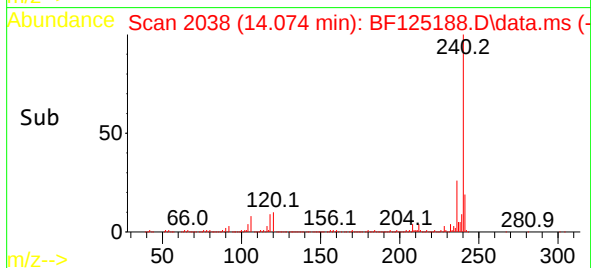
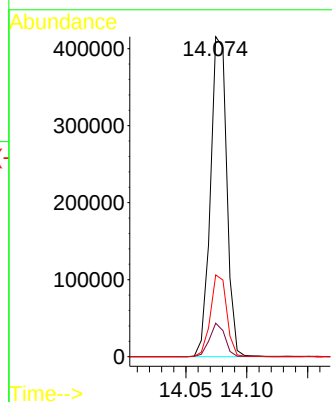
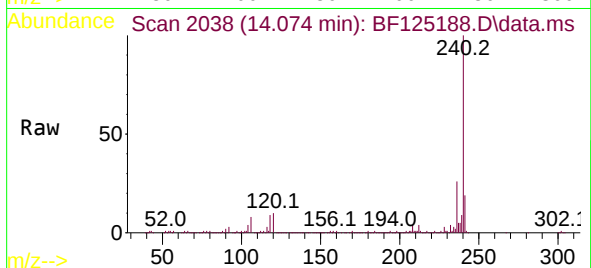




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

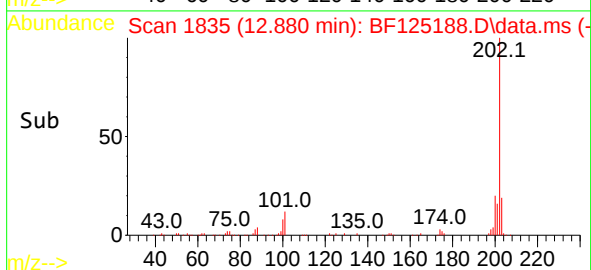
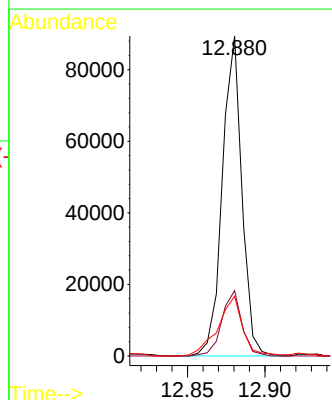
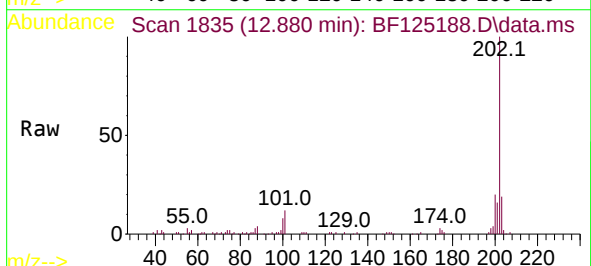
Instrument :
BNA_F
ClientSampleId :
124027

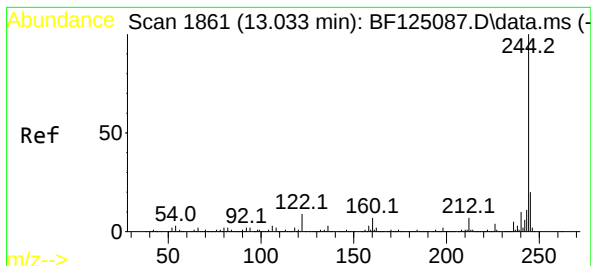
Tgt Ion:240 Resp: 387977
Ion Ratio Lower Upper
240 100
120 10.4 10.8 16.2#
236 25.6 21.6 32.4



#78
Pyrene
Concen: 2.355 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Tgt Ion:202 Resp: 78371
Ion Ratio Lower Upper
202 100
200 20.4 15.3 22.9
203 18.7 13.4 20.0





#79

Terphenyl-d14

Concen: 61.989 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.006 min

Lab File: BF125188.D

Acq: 24 Aug 2021 16:44

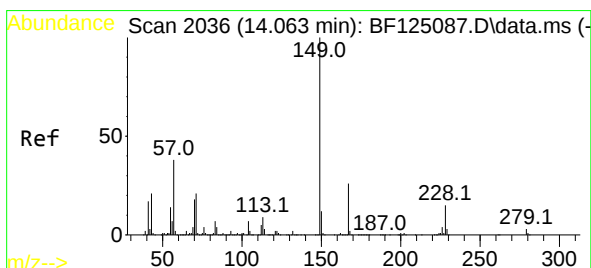
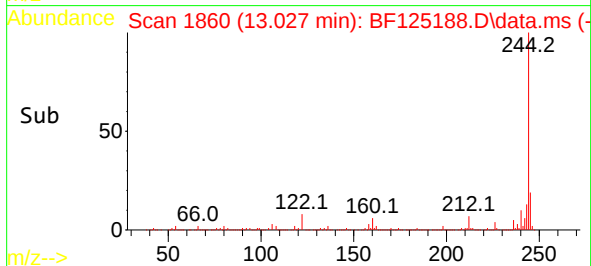
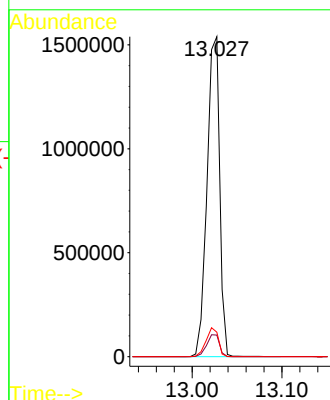
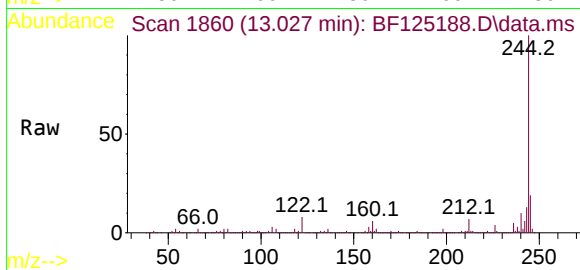
Tgt Ion:244 Resp: 1509675

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 7.7 9.0 13.4#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.502 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF125188.D

Acq: 24 Aug 2021 16:44

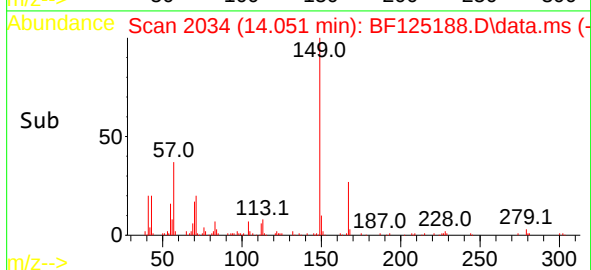
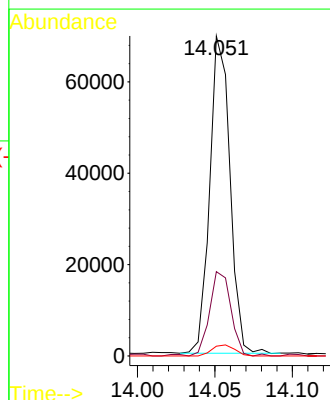
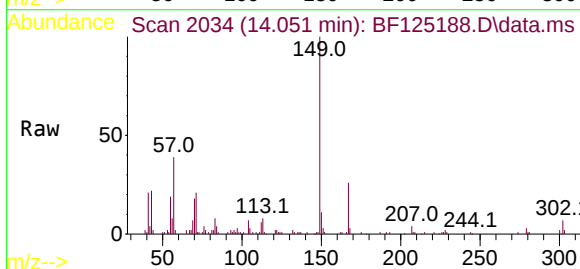
Tgt Ion:149 Resp: 62940

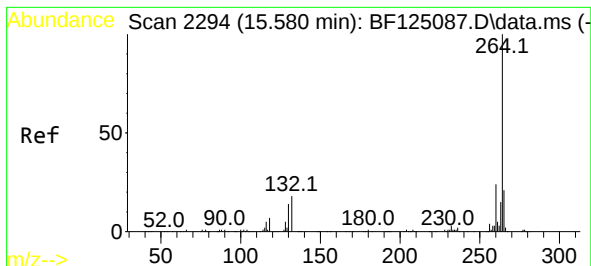
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.0

279 3.0 2.6 4.0

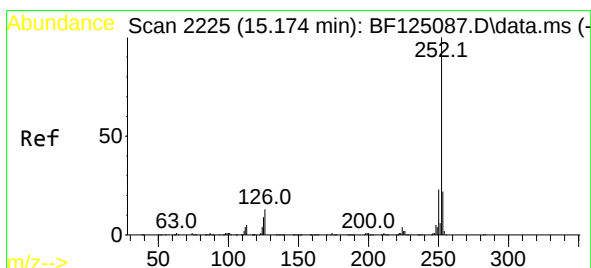
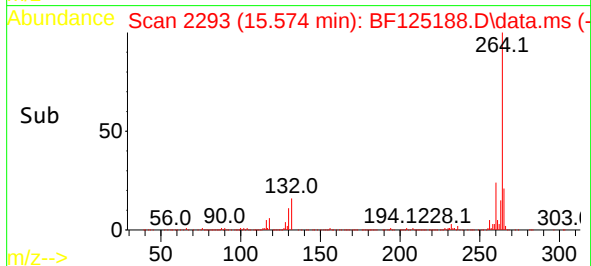
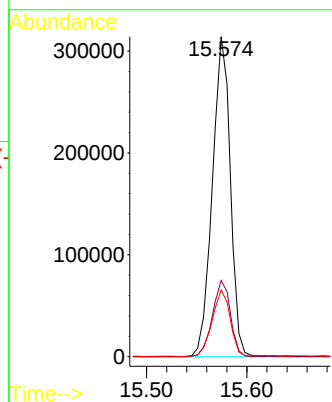
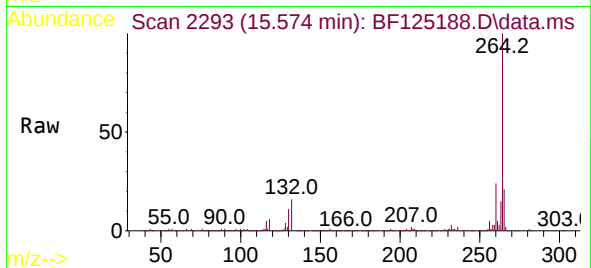




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Instrument :
BNA_F
ClientSampleId :
124027

Tgt Ion:264 Resp: 391810
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 20.9 17.2 25.8



#89
Benzo(k)fluoranthene
Concen: 2.011 ng
RT: 15.127 min Scan# 2217
Delta R.T. -0.041 min
Lab File: BF125188.D
Acq: 24 Aug 2021 16:44

Tgt Ion:252 Resp: 53721
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 11.5 7.2 10.8#

