

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
 Data File : BF125193.D
 Acq On : 24 Aug 2021 19:31
 Operator : JU/CG
 Sample : M3521-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124035

Quant Time: Aug 25 04:36:54 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)

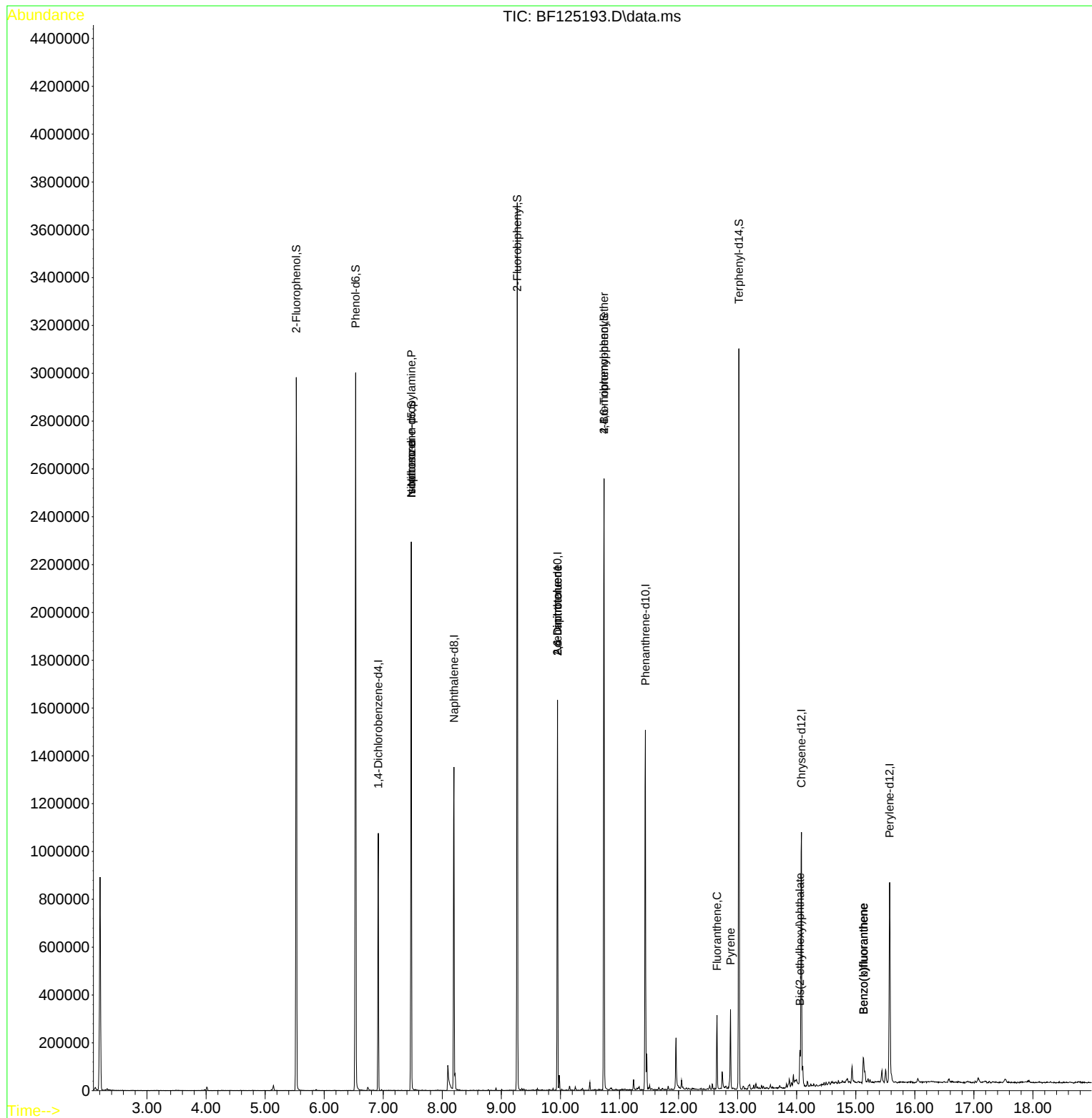
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	141893	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	559719	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	299711	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	541025	20.000	ng	0.00
76) Chrysene-d12	14.080	240	357968	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	383480	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	746051	79.583	ng	0.00
7) Phenol-d6	6.534	99	946209	78.043	ng	0.00
23) Nitrobenzene-d5	7.475	82	621495	55.900	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	294632	98.481	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1052353	48.937	ng	0.00
79) Terphenyl-d14	13.021	244	1026121	45.666	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	86123	11.810	ng	# 59
25) Isophorone	7.475	82	621491	28.977	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	38828	8.622	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	38828	7.123	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	18442	2.839	ng	# 1
75) Fluoranthene	12.651	202	112401	3.800	ng	97
78) Pyrene	12.880	202	122305	3.983	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	34444	2.077	ng	# 98
88) Benzo(b)fluoranthene	15.133	252	76058	2.715	ng	# 95
89) Benzo(k)fluoranthene	15.133	252	76058	2.909	ng	99

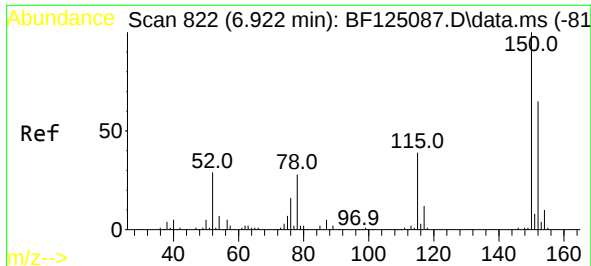
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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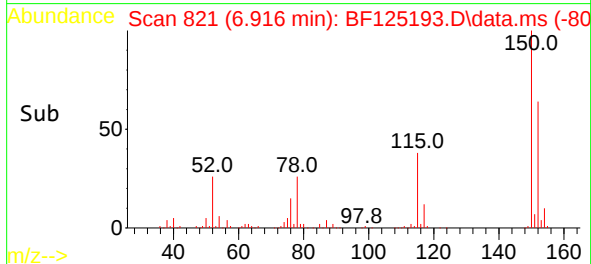
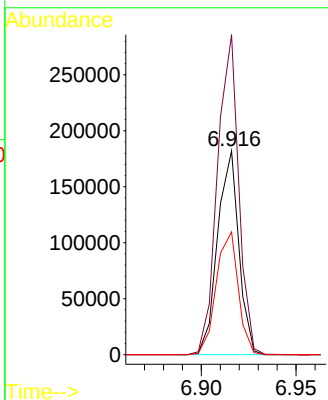
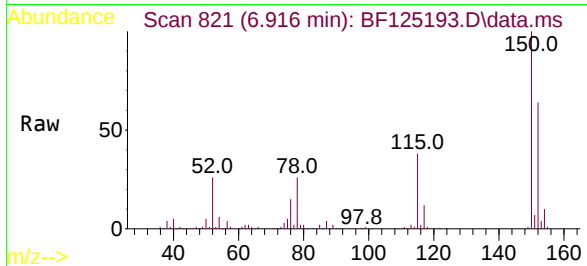




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125193.D
Acq: 24 Aug 2021 19:31

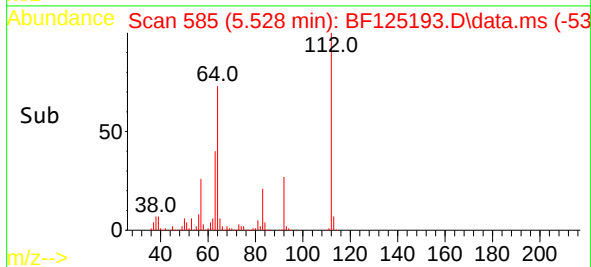
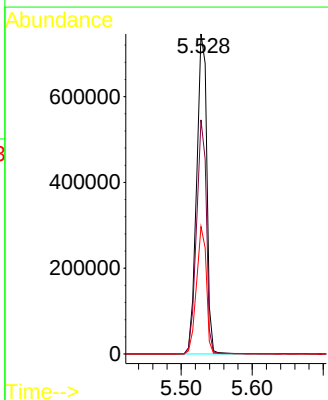
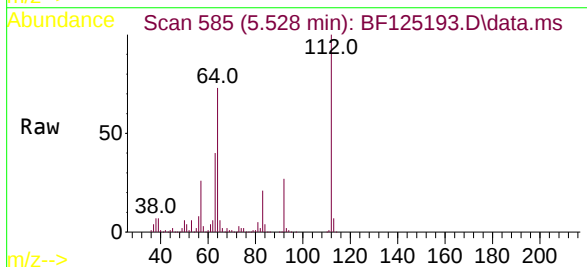
Instrument :
BNA_F
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124035

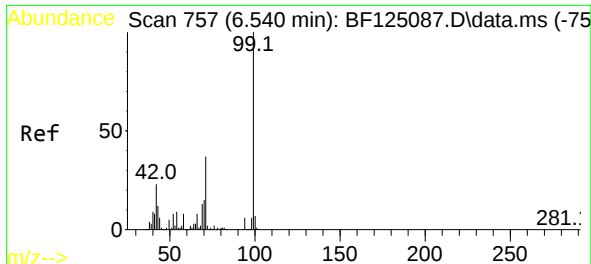
Tgt Ion:152 Resp: 141893
Ion Ratio Lower Upper
152 100
150 156.9 117.6 176.4
115 60.2 47.1 70.7



#5
2-Fluorophenol
Concen: 79.583 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.000 min
Lab File: BF125193.D
Acq: 24 Aug 2021 19:31

Tgt Ion:112 Resp: 746051
Ion Ratio Lower Upper
112 100
64 73.2 44.2 66.2#
63 39.8 26.2 39.2#

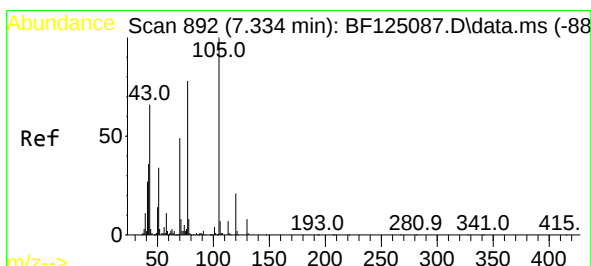
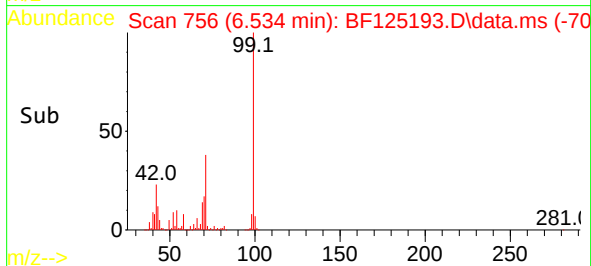
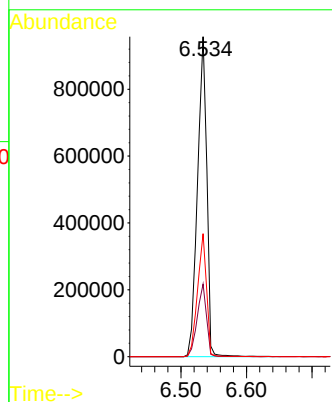
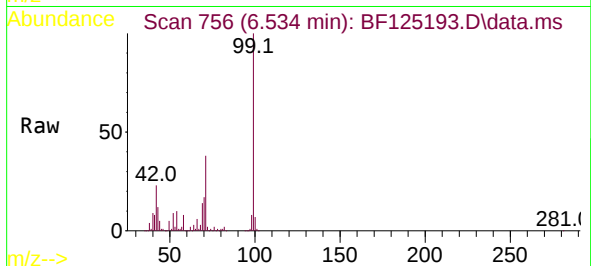




#7
Phenol-d6
Concen: 78.043 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125193.D
Acq: 24 Aug 2021 19:31

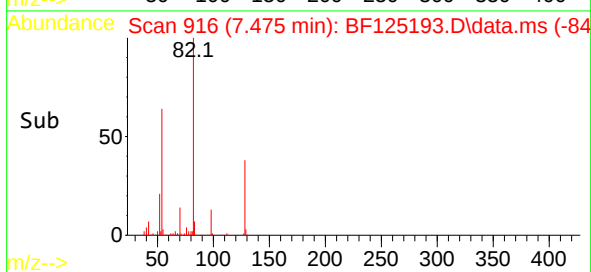
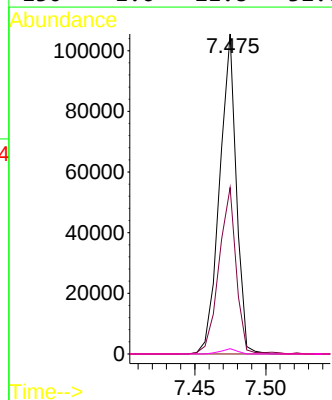
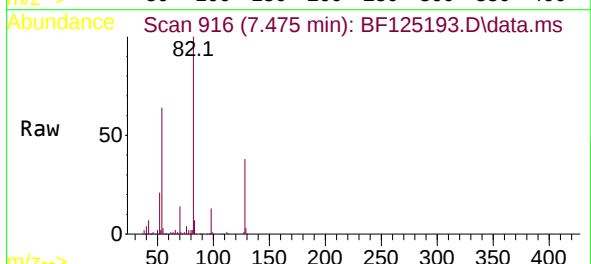
Instrument :
BNA_F
ClientSampleId :
124035

Tgt Ion: 99 Resp: 946209
Ion Ratio Lower Upper
99 100
42 22.7 23.5 35.3#
71 38.5 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 11.810 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125193.D
Acq: 24 Aug 2021 19:31

Tgt Ion: 70 Resp: 86123
Ion Ratio Lower Upper
70 100
42 52.0 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

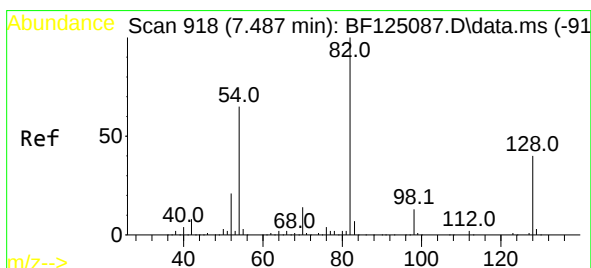
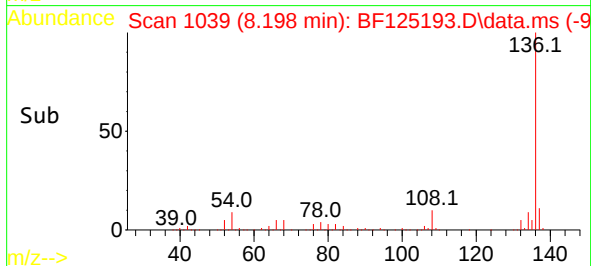
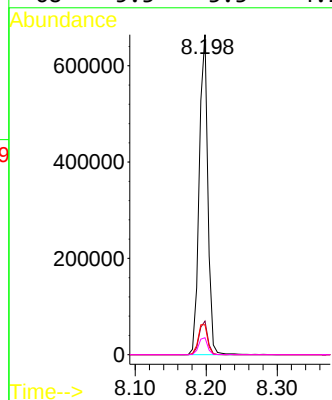
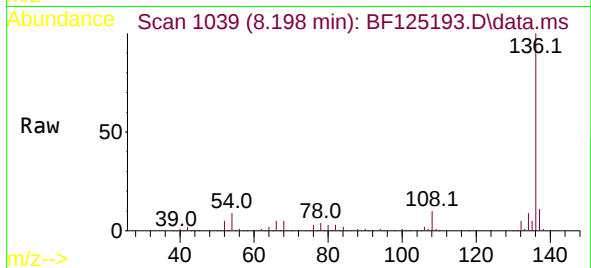




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125193.D
Acq: 24 Aug 2021 19:31

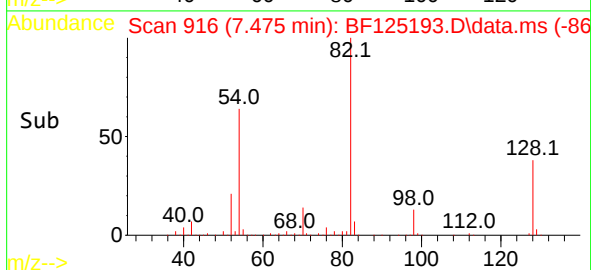
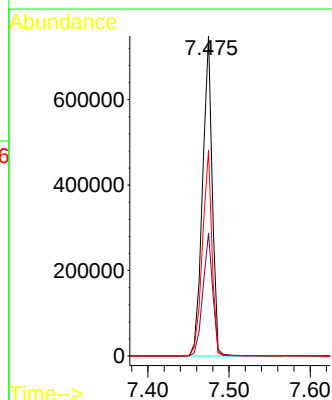
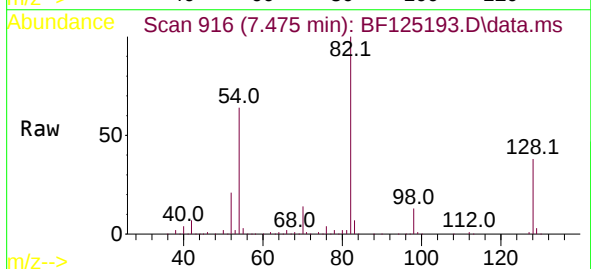
Instrument :
BNA_F
ClientSampleId :
124035

Tgt Ion:136 Resp: 559719
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 9.4 6.4 9.6
68 5.3 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 55.900 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125193.D
Acq: 24 Aug 2021 19:31

Tgt Ion: 82 Resp: 621495
Ion Ratio Lower Upper
82 100
128 38.4 40.6 60.8#
54 64.3 49.6 74.4

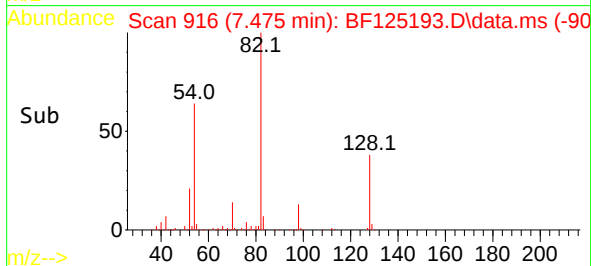
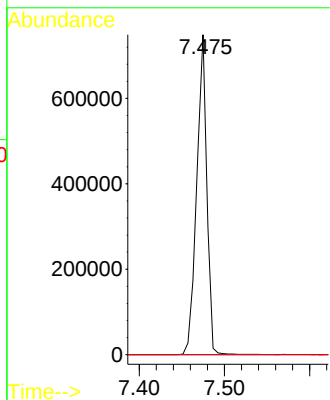
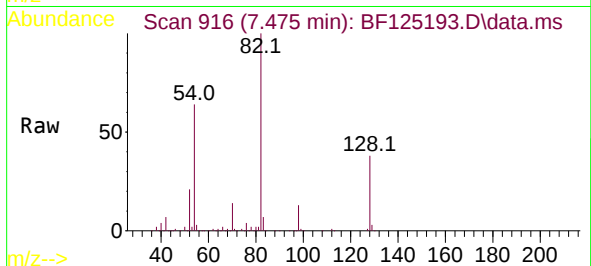




#25
Isophorone
Concen: 28.977 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125193.D
Acq: 24 Aug 2021 19:31

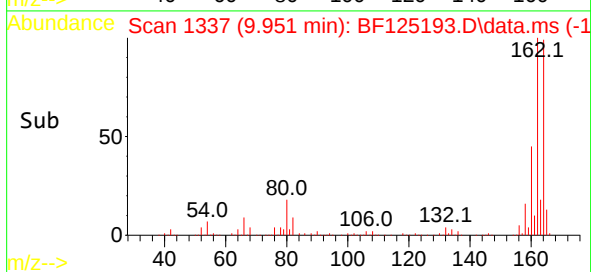
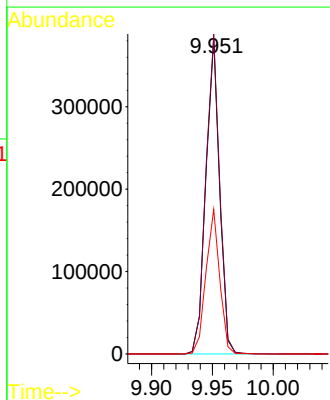
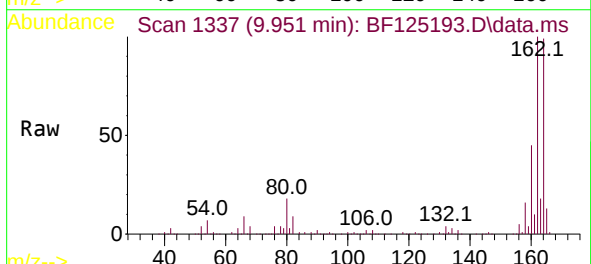
Instrument :
BNA_F
ClientSampleId :
124035

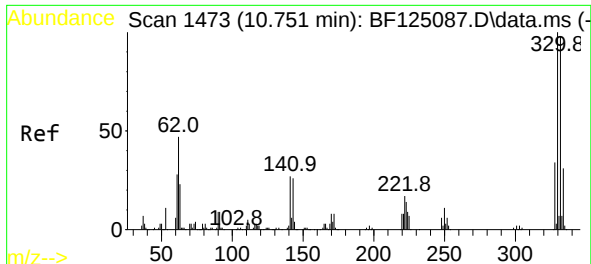
Tgt Ion: 82 Resp: 621491
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125193.D
Acq: 24 Aug 2021 19:31

Tgt Ion:164 Resp: 299711
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 45.8 38.0 57.0

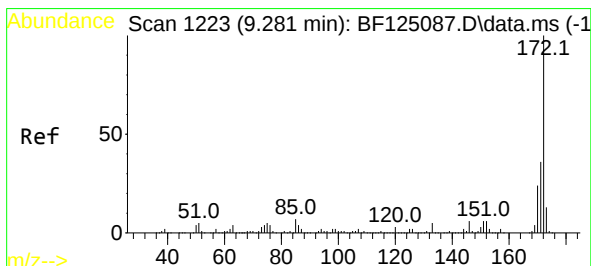
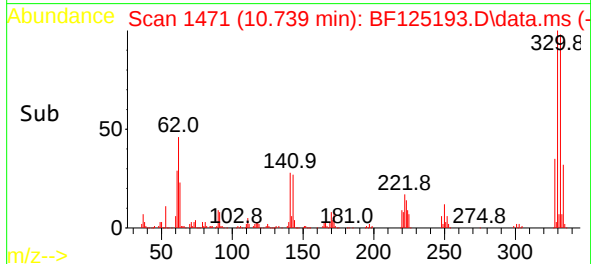
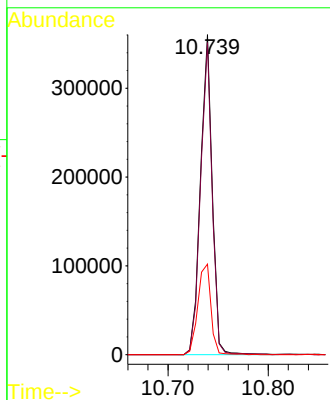
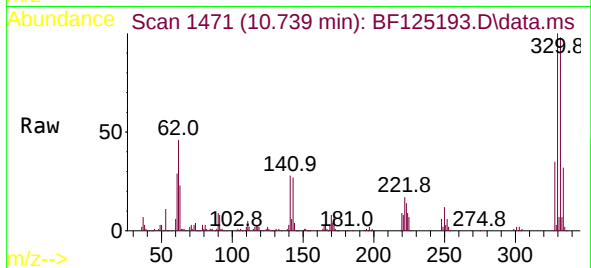




#42
2,4,6-Tribromophenol
Concen: 98.481 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125193.D
Acq: 24 Aug 2021 19:31

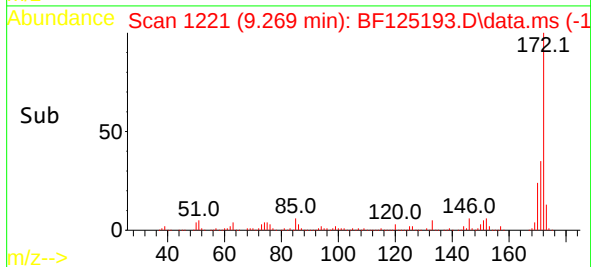
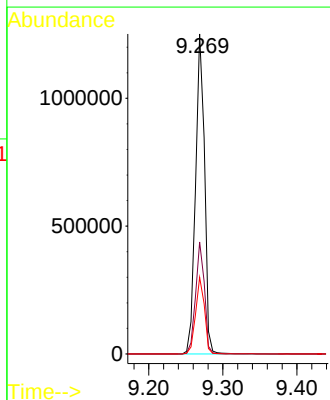
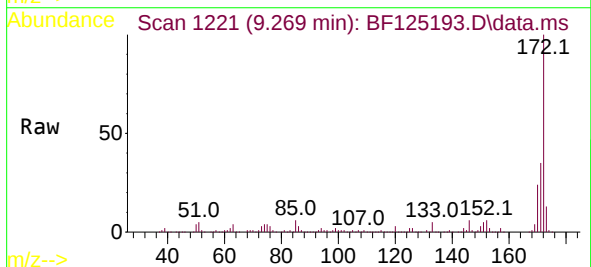
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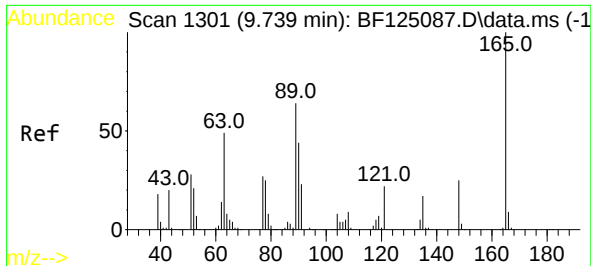
Tgt Ion: 330 Resp: 294632
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 31.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 48.937 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125193.D
Acq: 24 Aug 2021 19:31

Tgt Ion: 172 Resp: 1052353
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.9 18.8 28.2

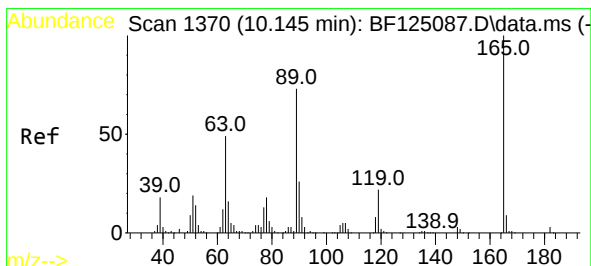
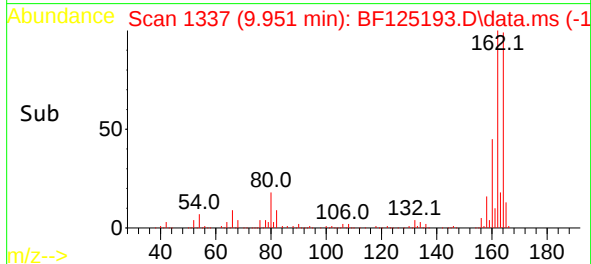
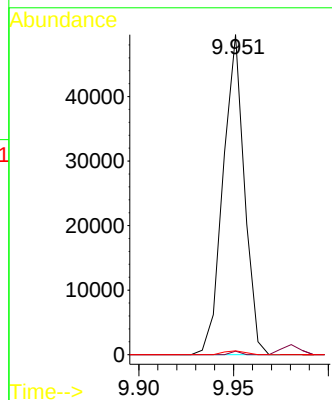
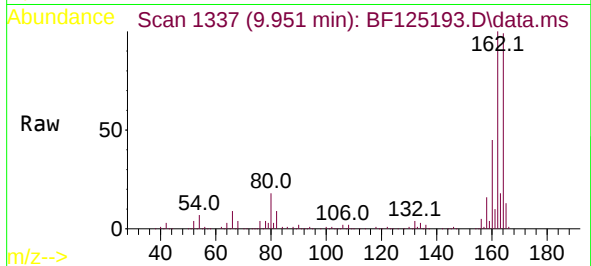




#51
2,6-Dinitrotoluene
Concen: 8.622 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125193.D
Acq: 24 Aug 2021 19:31

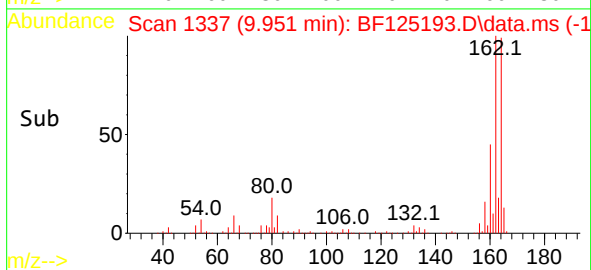
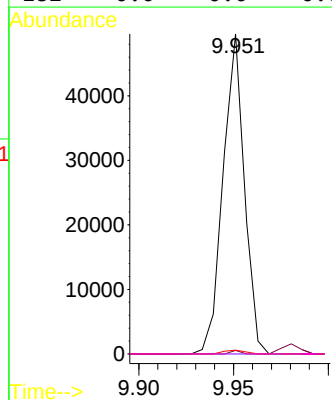
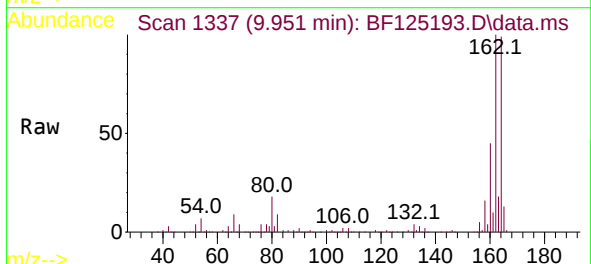
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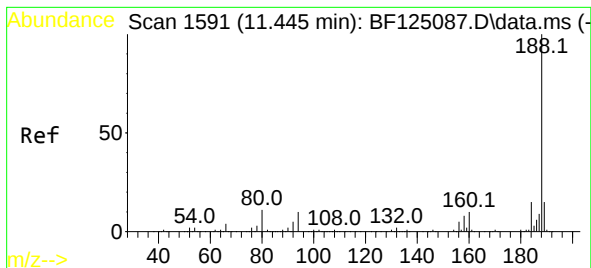
Tgt Ion:165 Resp: 38828
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.123 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125193.D
Acq: 24 Aug 2021 19:31

Tgt Ion:165 Resp: 38828
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

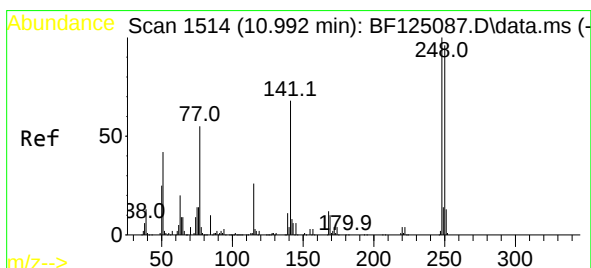
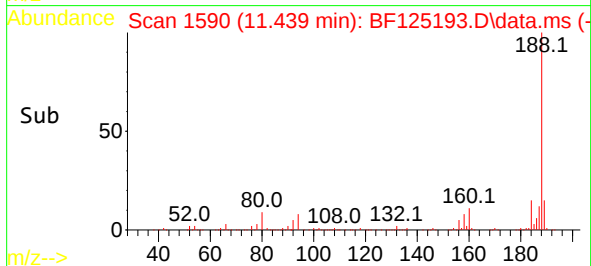
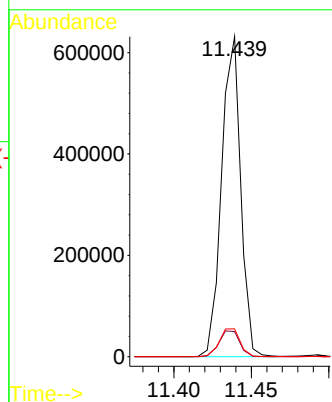
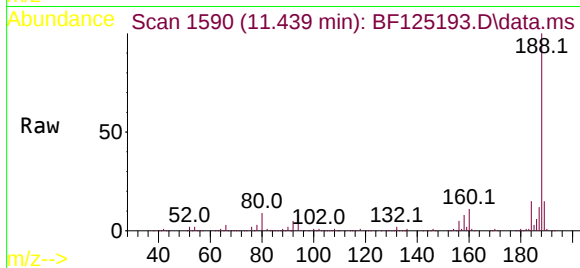




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125193.D
Acq: 24 Aug 2021 19:31

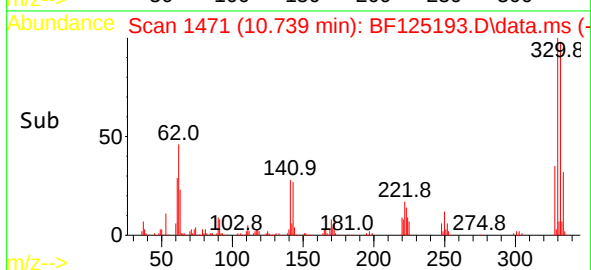
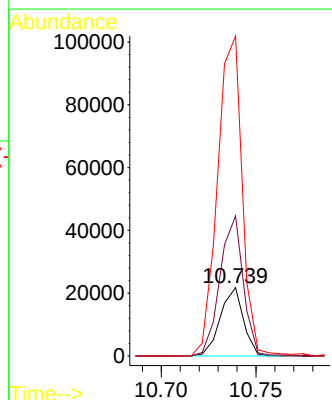
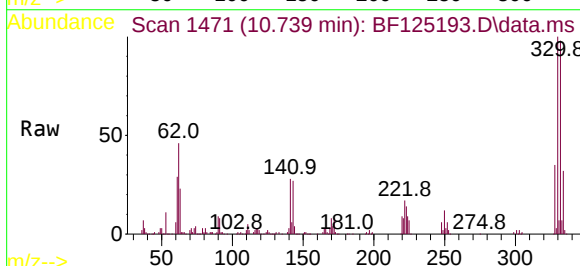
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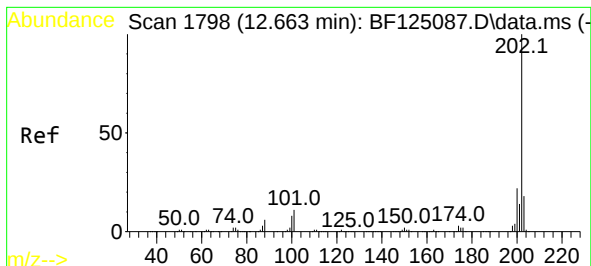
Tgt Ion:188 Resp: 541025
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.839 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125193.D
Acq: 24 Aug 2021 19:31

Tgt Ion:248 Resp: 18442
Ion Ratio Lower Upper
248 100
250 204.7 74.2 111.4#
141 467.9 60.4 90.6#

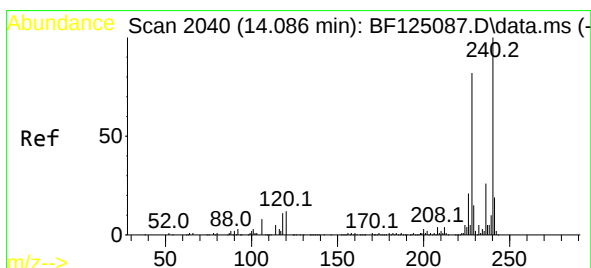
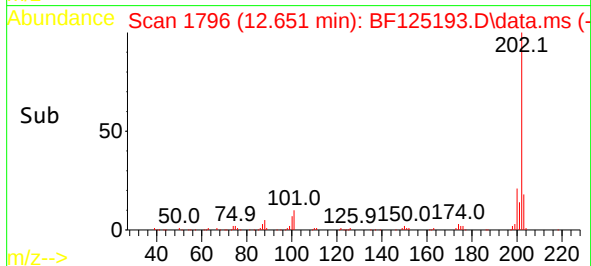
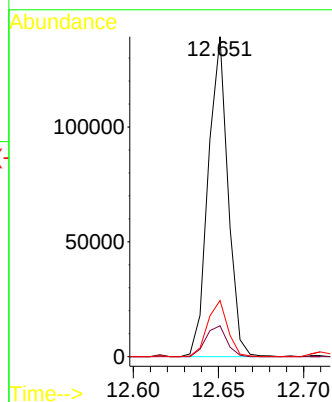
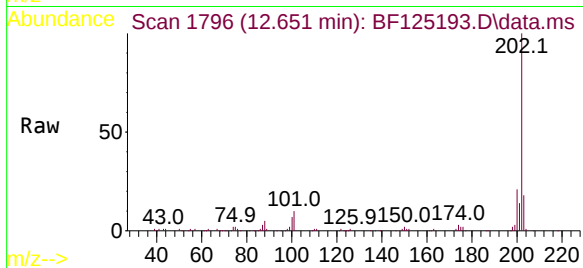




#75
Fluoranthene
Concen: 3.800 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF125193.D
Acq: 24 Aug 2021 19:31

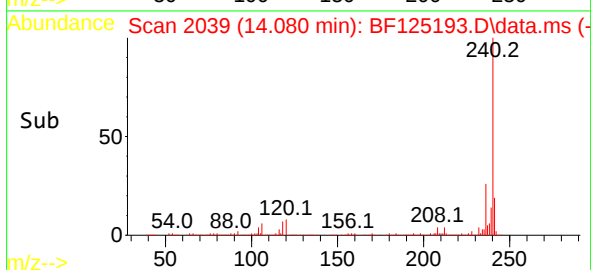
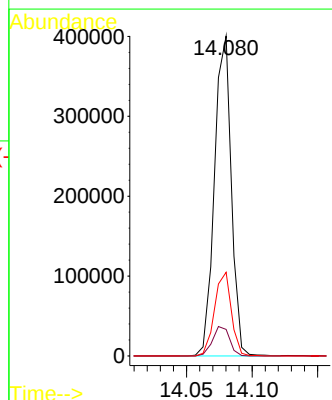
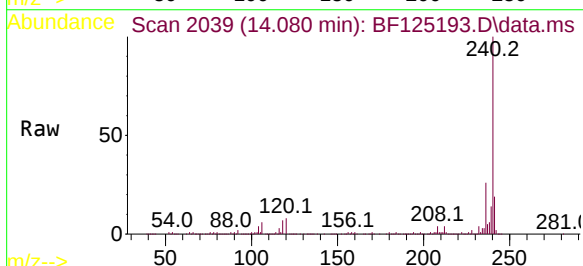
Instrument :
BNA_F
ClientSampleId :
124035

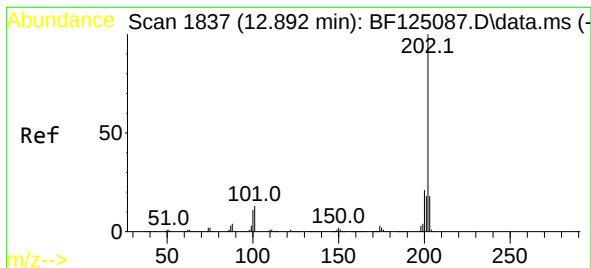
Tgt Ion:202 Resp: 112401
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.7
203 17.6 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125193.D
Acq: 24 Aug 2021 19:31

Tgt Ion:240 Resp: 357968
Ion Ratio Lower Upper
240 100
120 8.3 10.8 16.2#
236 26.1 21.6 32.4





#78

Pyrene

Concen: 3.983 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF125193.D

Acq: 24 Aug 2021 19:31

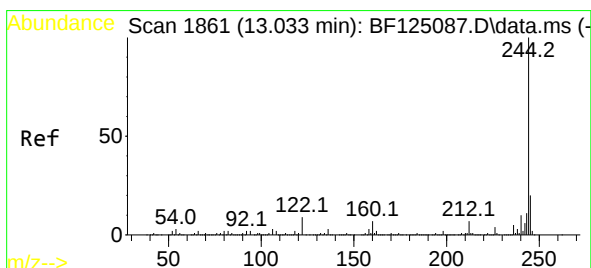
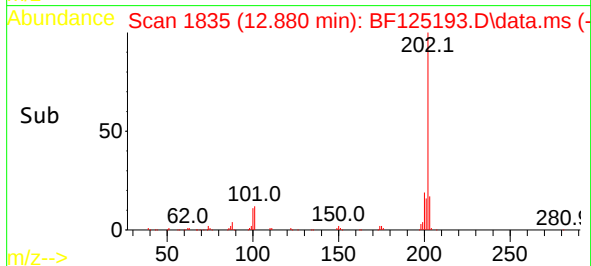
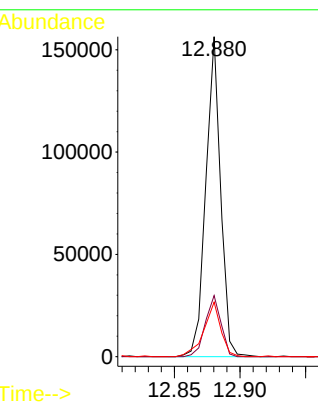
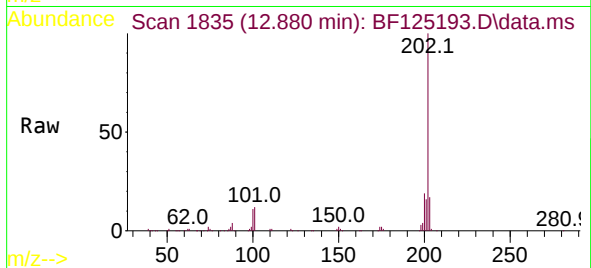
Tgt Ion:202 Resp: 122305

Ion Ratio Lower Upper

202 100

200 19.1 15.3 22.9

203 17.0 13.4 20.0



#79

Terphenyl-d14

Concen: 45.666 ng

RT: 13.021 min Scan# 1859

Delta R.T. 0.000 min

Lab File: BF125193.D

Acq: 24 Aug 2021 19:31

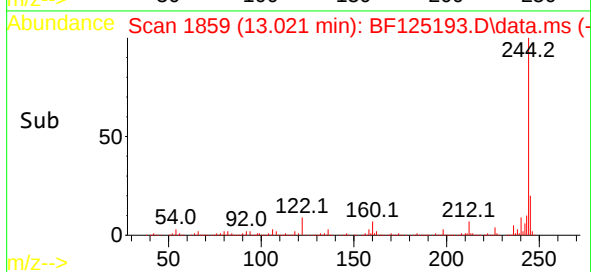
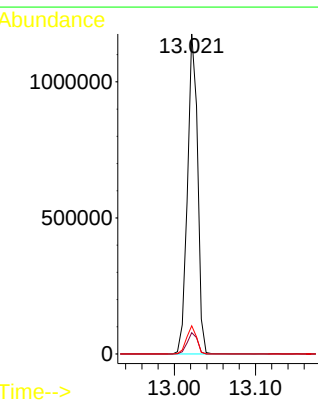
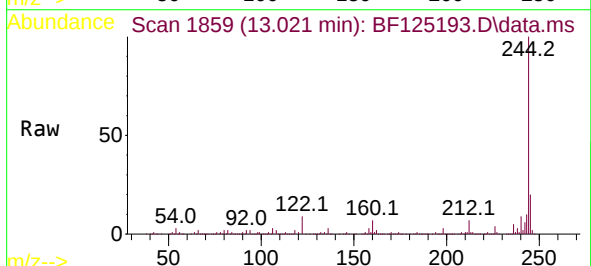
Tgt Ion:244 Resp: 1026121

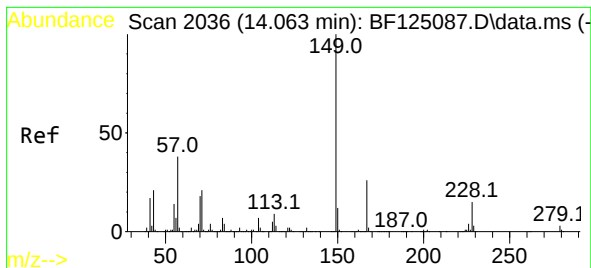
Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 8.8 9.0 13.4#

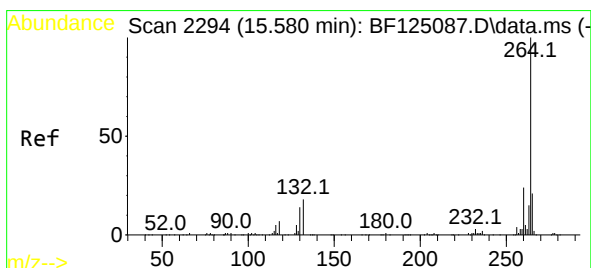
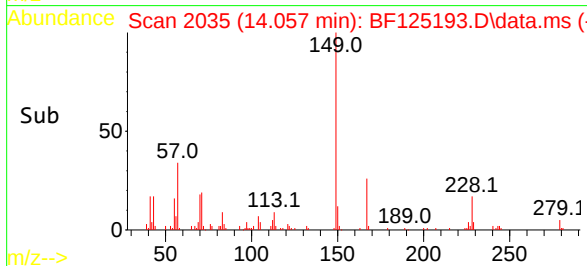
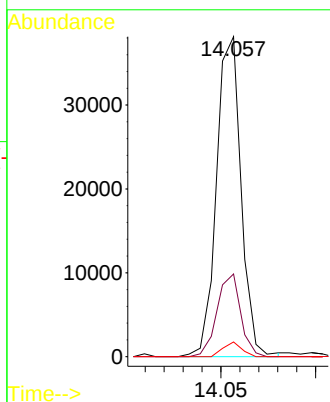
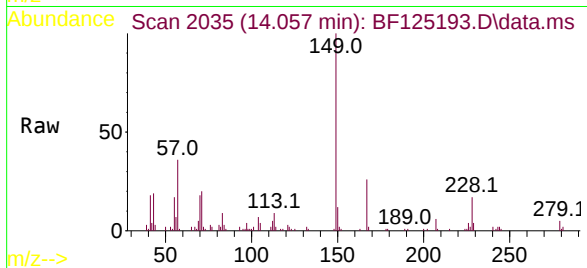




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.077 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF125193.D
Acq: 24 Aug 2021 19:31

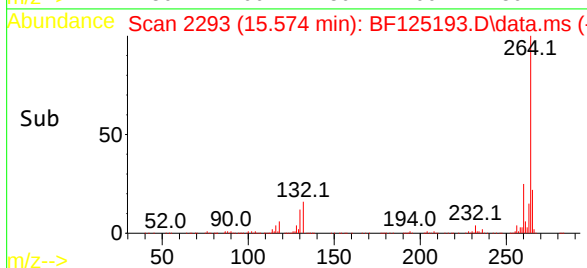
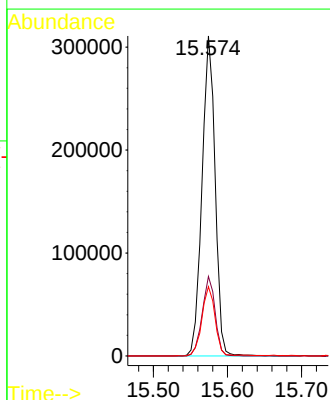
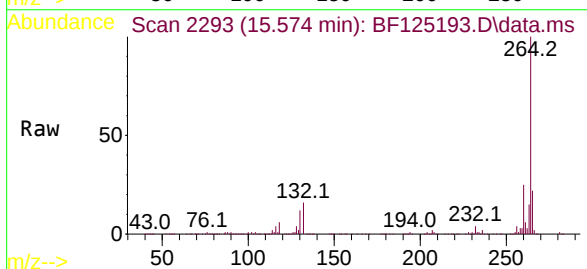
Instrument :
BNA_F
ClientSampleId :
124035

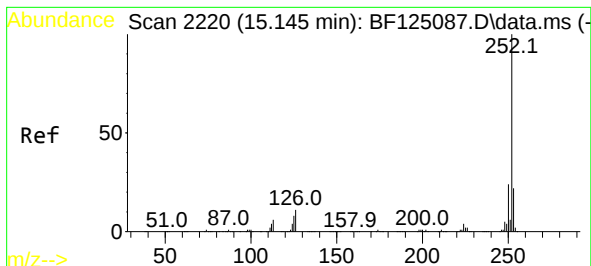
Tgt Ion:149 Resp: 34444
Ion Ratio Lower Upper
149 100
167 25.8 21.4 32.0
279 4.6 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF125193.D
Acq: 24 Aug 2021 19:31

Tgt Ion:264 Resp: 383480
Ion Ratio Lower Upper
264 100
260 24.9 19.6 29.4
265 21.7 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.715 ng

RT: 15.133 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BF125193.D

Acq: 24 Aug 2021 19:31

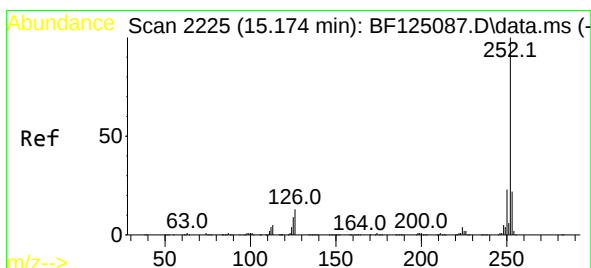
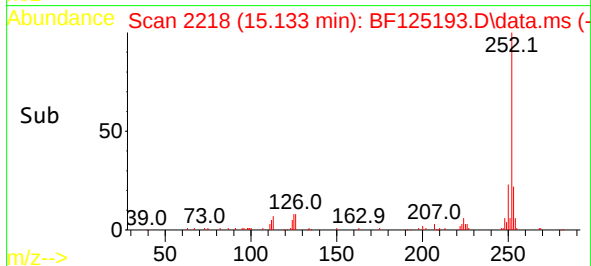
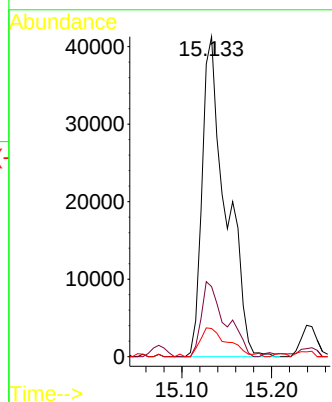
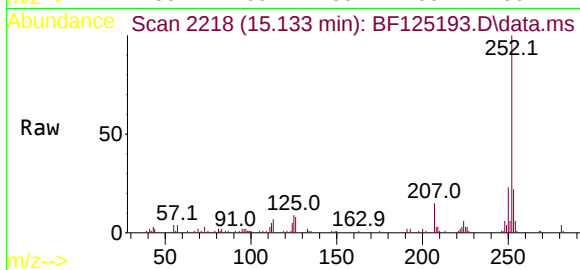
Tgt Ion:252	Resp:	76058
Ion Ratio	Lower	Upper
252	100	
253	21.9	16.8 25.2
125	8.8	9.8 14.8#

Instrument :

BNA_F

ClientSampleId :

124035



#89

Benzo(k)fluoranthene

Concen: 2.909 ng

RT: 15.133 min Scan# 2218

Delta R.T. -0.035 min

Lab File: BF125193.D

Acq: 24 Aug 2021 19:31

Tgt Ion:252	Resp:	76058
Ion Ratio	Lower	Upper
252	100	
253	21.9	17.8 26.8
125	8.8	7.2 10.8

