

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
 Data File : BF125428.D
 Acq On : 10 Sep 2021 17:26
 Operator : JU/CG
 Sample : M3693-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WFM-1

Quant Time: Sep 10 18:49:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 08 14:14:01 2021
 Response via : Initial Calibration

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

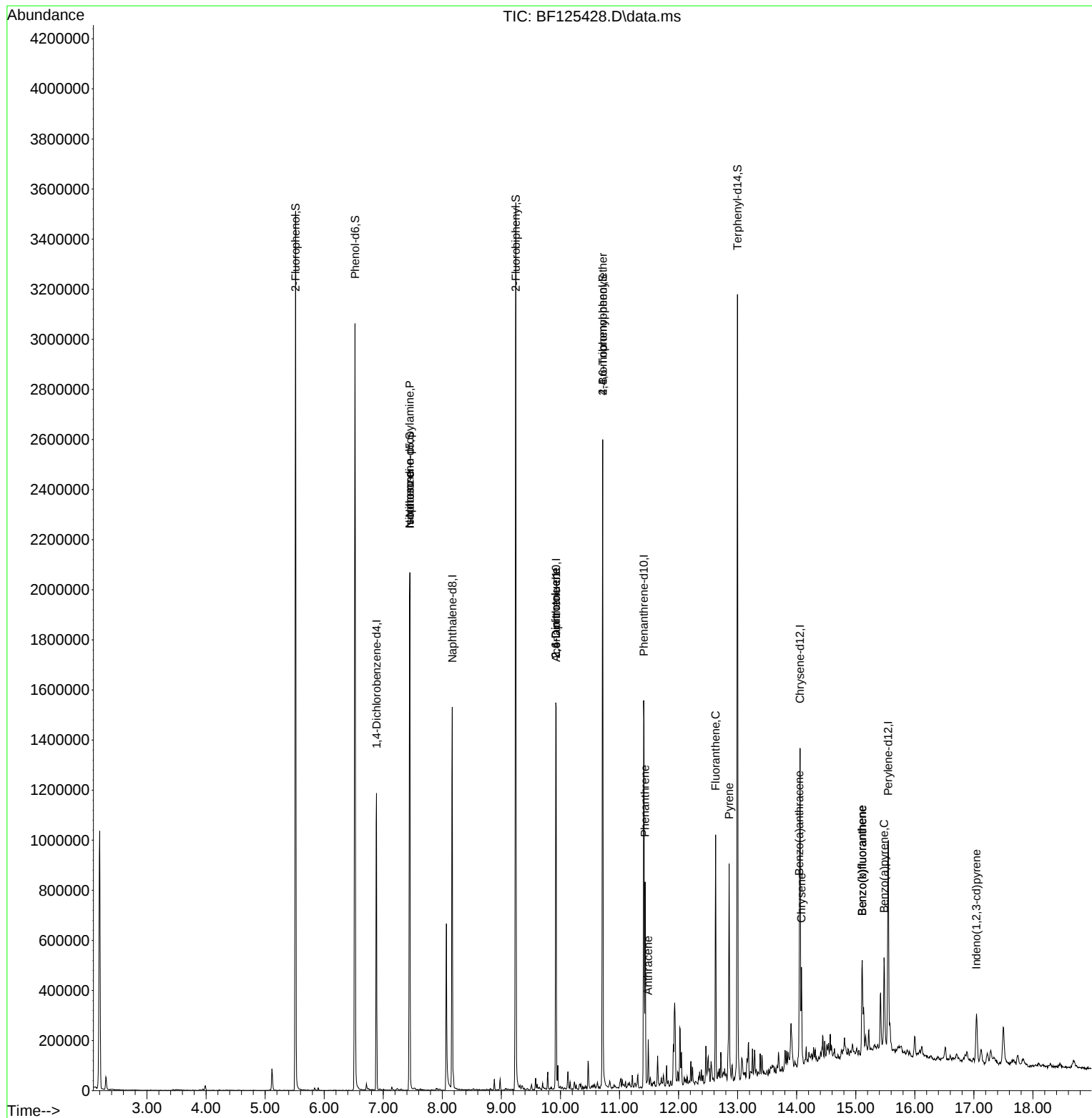
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	170614	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	653678	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	352206	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	606356	20.000	ng	0.00
76) Chrysene-d12	14.057	240	375612	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	374291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	855976	75.938	ng	0.00
7) Phenol-d6	6.522	99	1067015	73.192	ng	0.00
23) Nitrobenzene-d5	7.451	82	717962	55.295	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	314961	89.585	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1166726	46.169	ng	0.00
79) Terphenyl-d14	12.998	244	1098127	46.575	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	95876	10.934	ng	# 55
25) Isophorone	7.451	82	717956	28.663	ng	# 59
51) 2,6-Dinitrotoluene	9.922	165	46317	8.752	ng	# 28
57) 2,4-Dinitrotoluene	9.922	165	46317	7.231	ng	# 20
67) 4-Bromophenyl-phenylether	10.716	248	19341	2.656	ng	# 1
71) Phenanthrene	11.433	178	306218	9.165	ng	98
72) Anthracene	11.486	178	66525	2.020	ng	100
75) Fluoranthene	12.627	202	362033	10.921	ng	98
78) Pyrene	12.857	202	327111	10.152	ng	96
81) Benzo(a)anthracene	14.045	228	160163	5.918	ng	98
83) Chrysene	14.080	228	148527	5.549	ng	98
87) Indeno(1,2,3-cd)pyrene	17.045	276	126356	4.686	ng	# 88
88) Benzo(b)fluoranthene	15.110	252	275582	10.078	ng	# 96
89) Benzo(k)fluoranthene	15.110	252	275582	10.800	ng	98
90) Benzo(a)pyrene	15.480	252	154904	6.413	ng	97

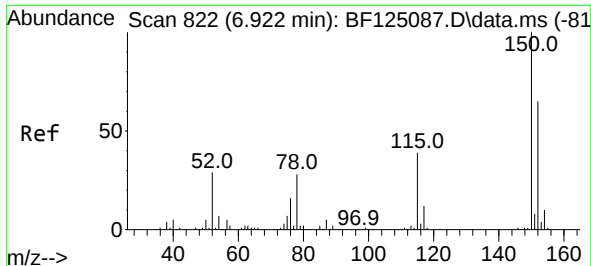
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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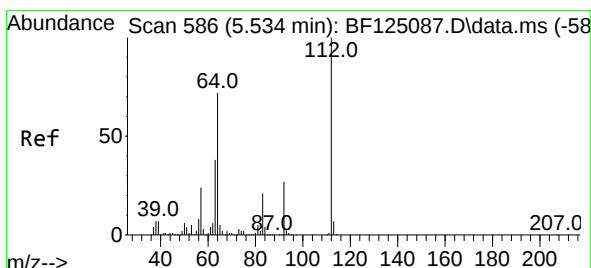
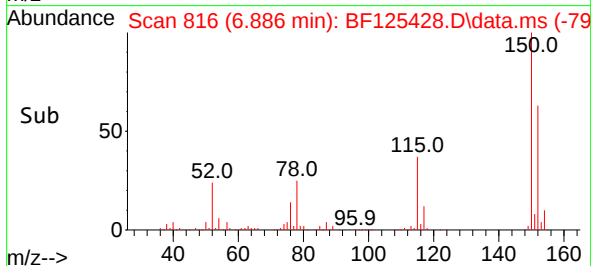
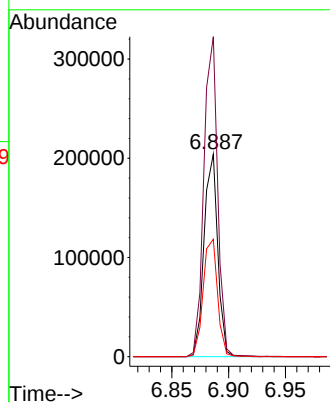
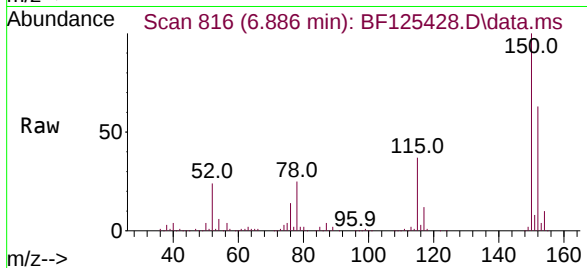




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

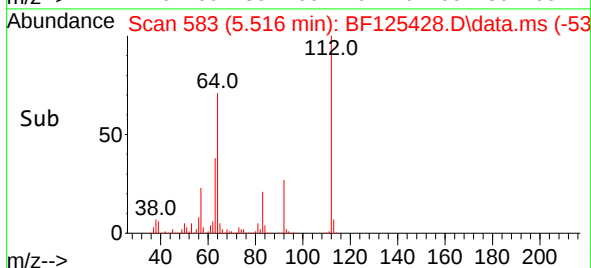
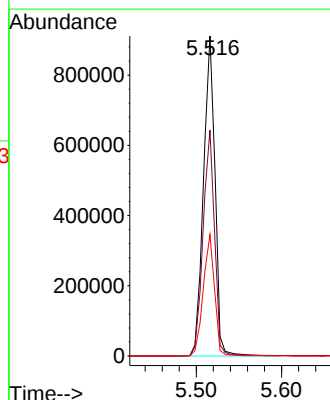
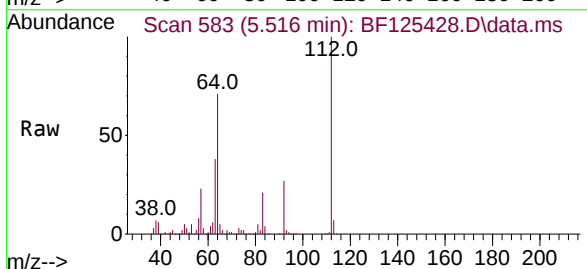
Instrument :
BNA_F
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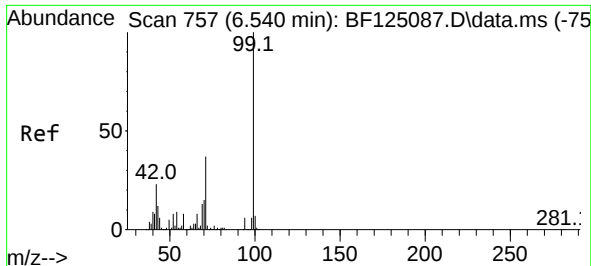
Tgt Ion:152 Resp: 170614
Ion Ratio Lower Upper
152 100
150 157.9 117.6 176.4
115 58.0 47.1 70.7



#5
2-Fluorophenol
Concen: 75.938 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

Tgt Ion:112 Resp: 855976
Ion Ratio Lower Upper
112 100
64 70.5 44.2 66.2#
63 38.0 26.2 39.2

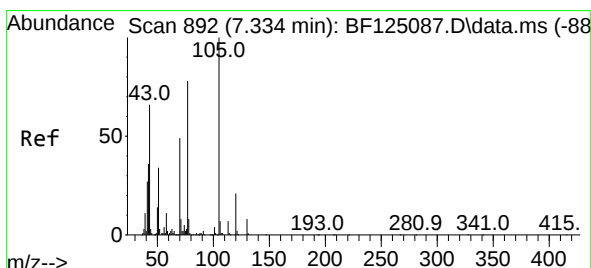
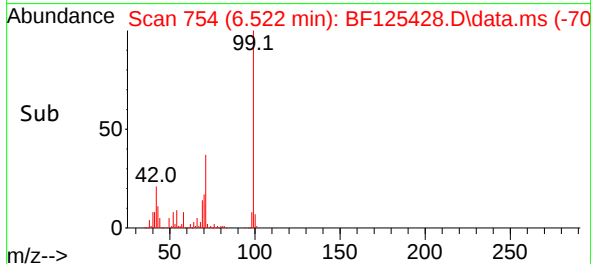
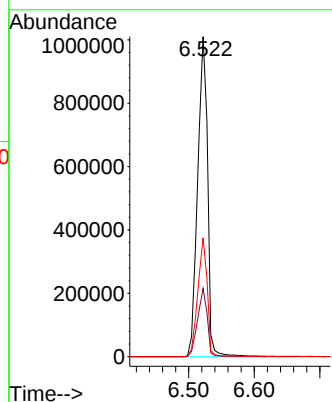
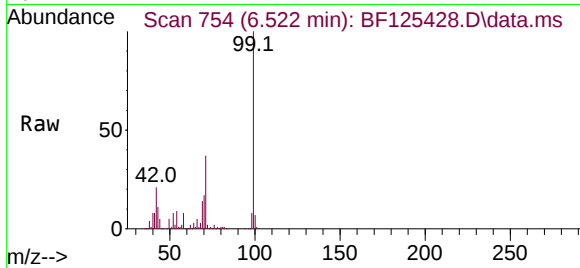




#7
Phenol-d6
Concen: 73.192 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

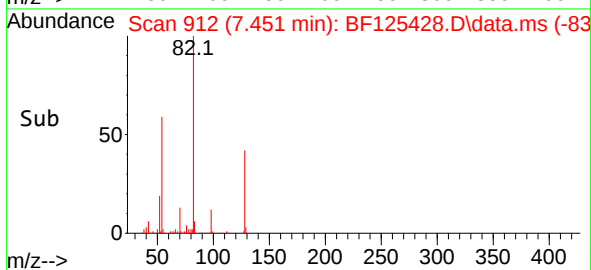
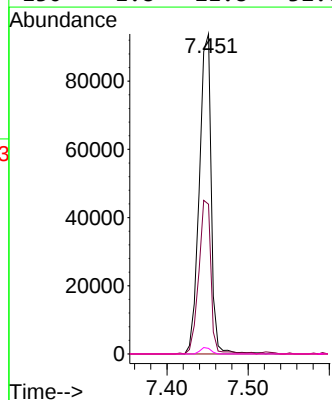
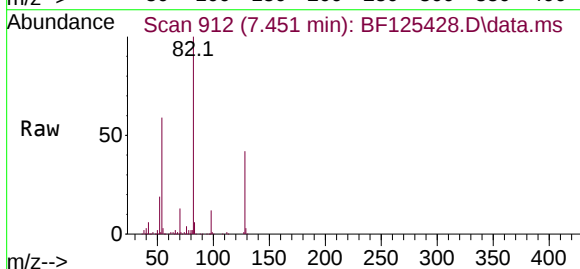
Instrument :
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ClientSampleId :
WFM-1

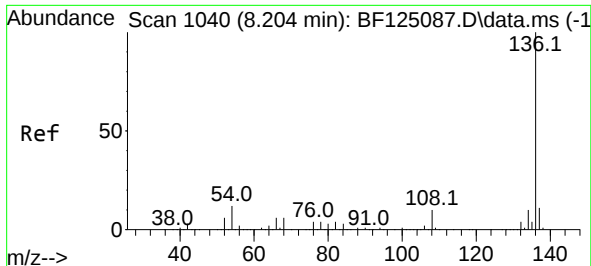
Tgt Ion: 99 Resp: 1067015
Ion Ratio Lower Upper
99 100
42 21.3 23.5 35.3#
71 37.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.934 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

Tgt Ion: 70 Resp: 95876
Ion Ratio Lower Upper
70 100
42 46.8 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

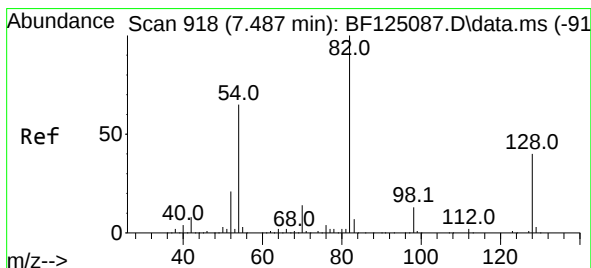
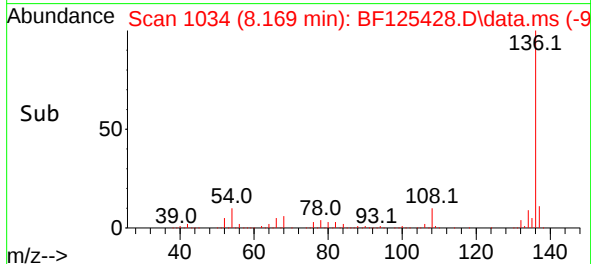
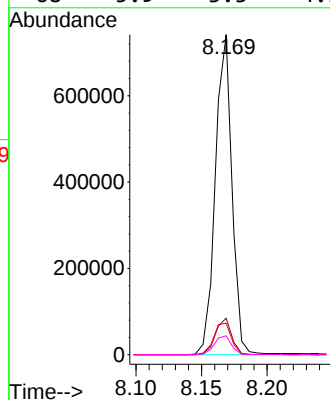
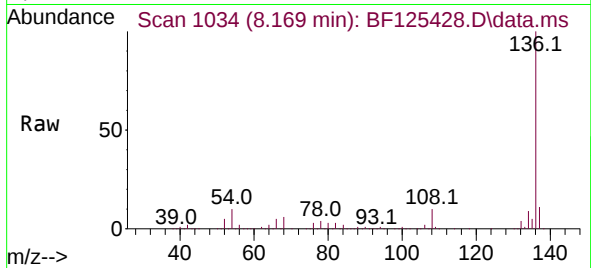




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

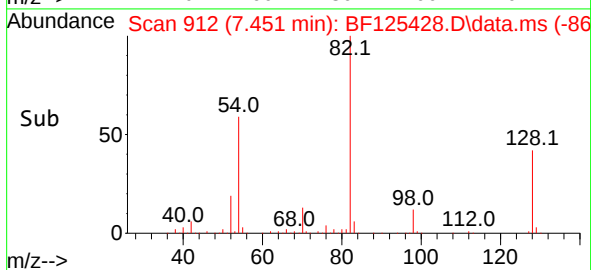
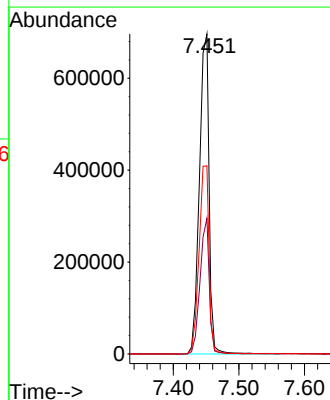
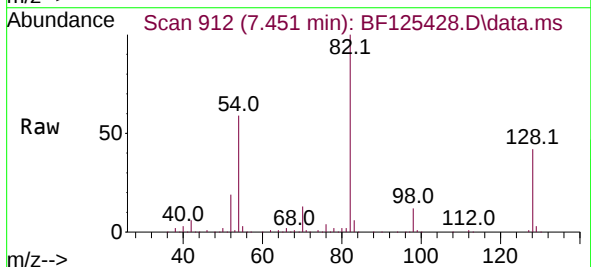
Instrument :
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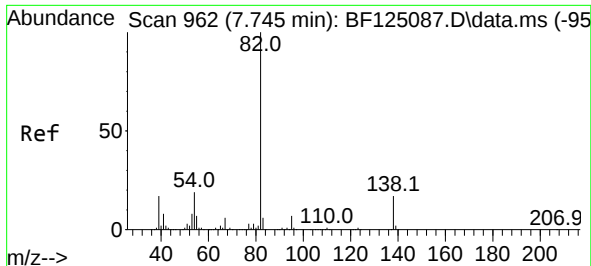
Tgt Ion:	136	Resp:	653678
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.8	14.6
54	9.9	6.4	9.6#
68	5.9	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 55.295 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

Tgt Ion:	82	Resp:	717962
Ion Ratio	Lower	Upper	
82	100		
128	42.4	40.6	60.8
54	58.8	49.6	74.4

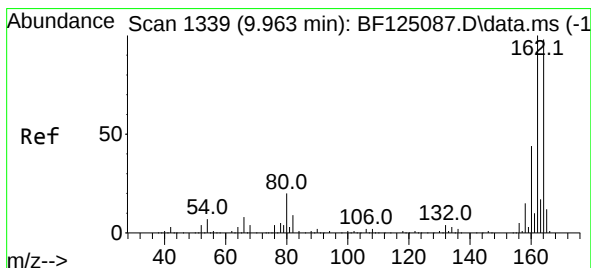
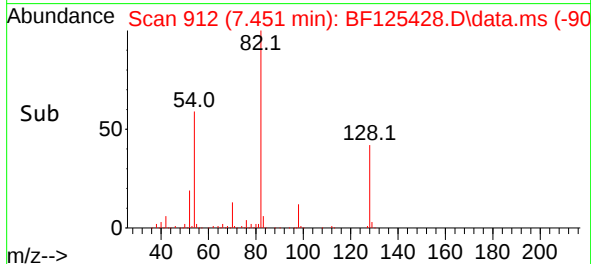
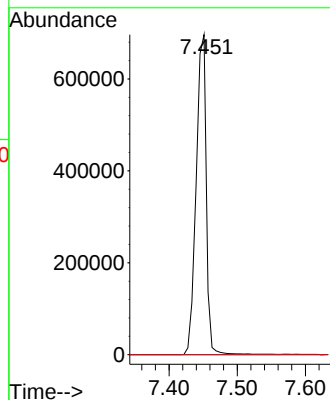
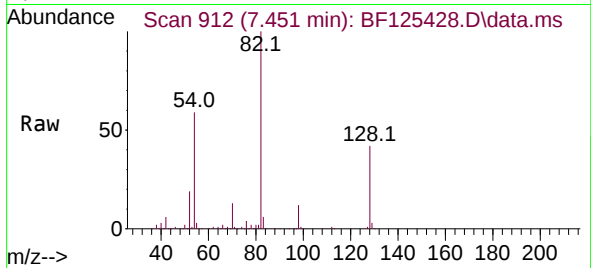




#25
Isophorone
Concen: 28.663 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

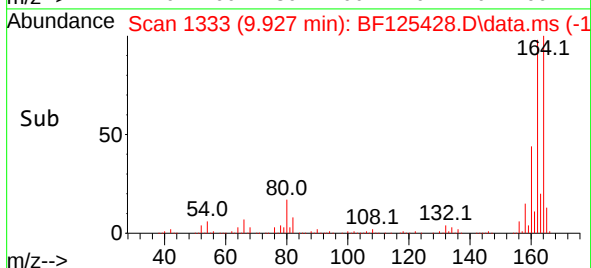
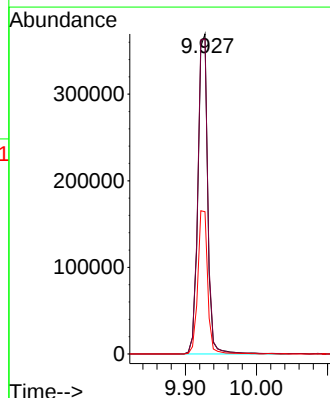
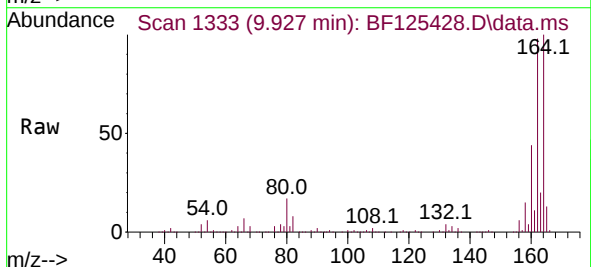
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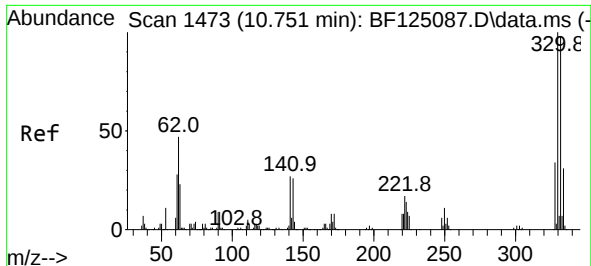
Tgt Ion: 82 Resp: 717956
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

Tgt Ion: 164 Resp: 352206
Ion Ratio Lower Upper
164 100
162 98.5 81.3 121.9
160 44.4 38.0 57.0

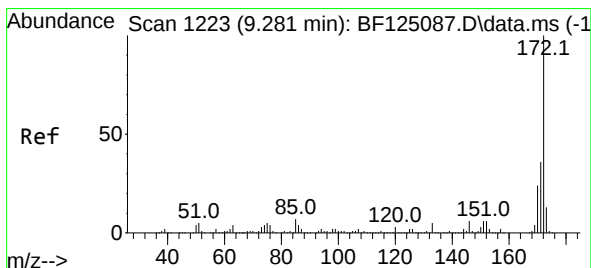
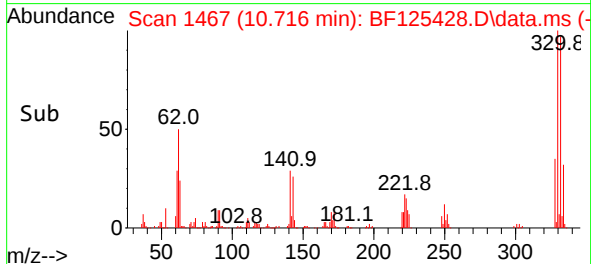
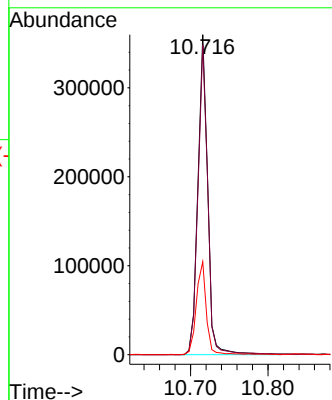
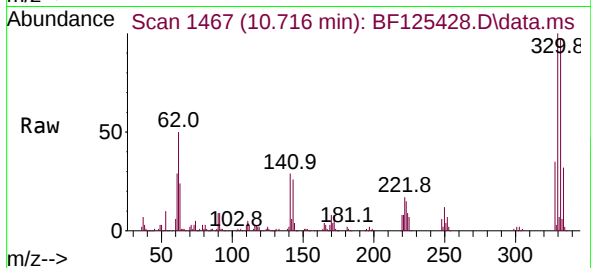




#42
2,4,6-Tribromophenol
Concen: 89.585 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

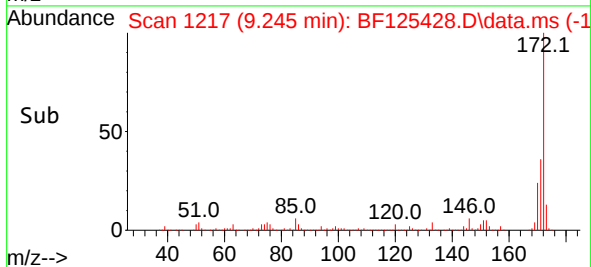
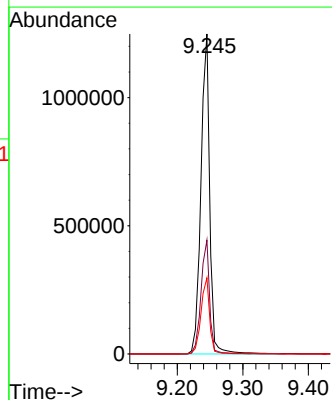
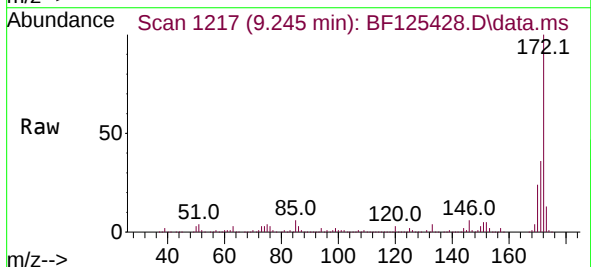
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WFM-1

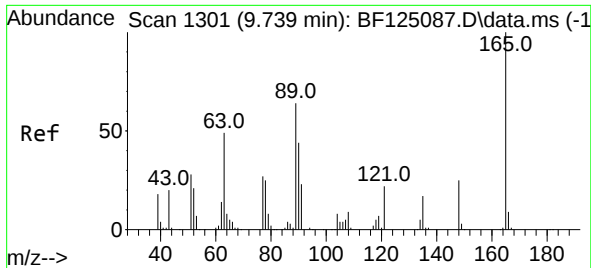
Tgt Ion: 330 Resp: 314961
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 30.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 46.169 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

Tgt Ion: 172 Resp: 1166726
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 23.8 18.8 28.2

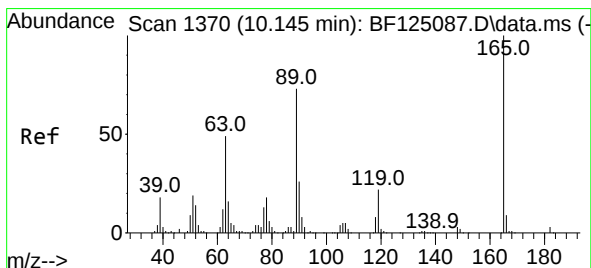
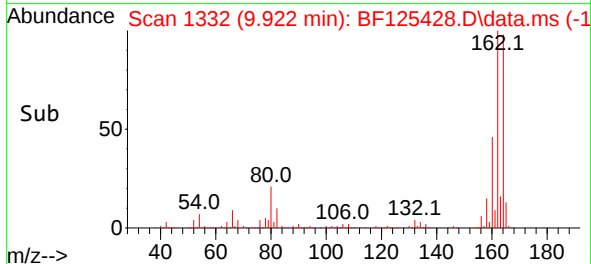
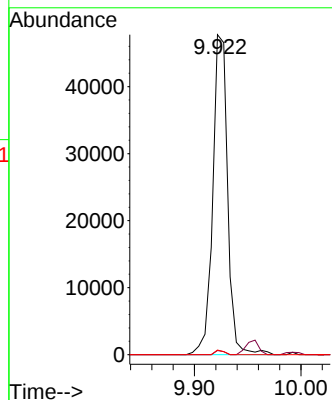
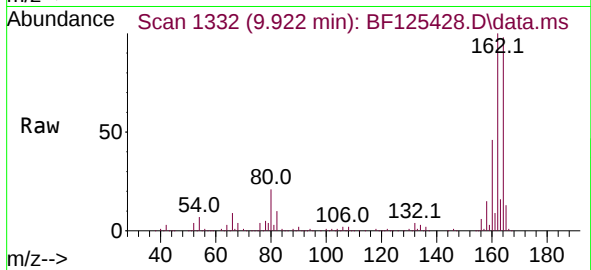




#51
2,6-Dinitrotoluene
Concen: 8.752 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.206 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

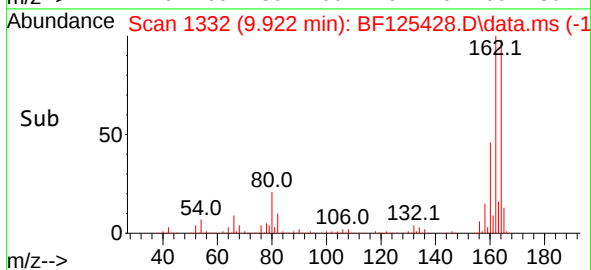
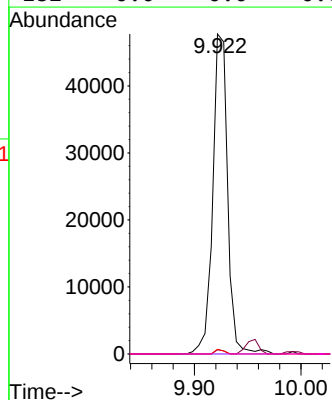
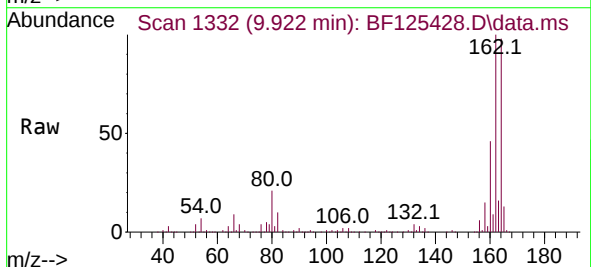
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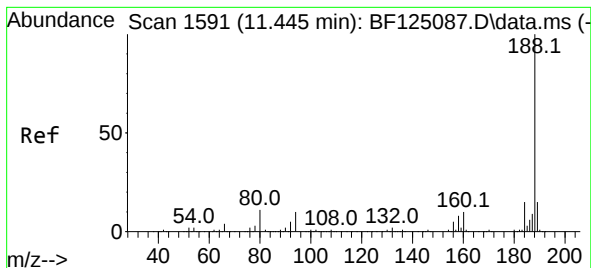
Tgt Ion:165 Resp: 46317
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.5 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.231 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.200 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

Tgt Ion:165 Resp: 46317
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.5 59.7 89.5#
182 0.0 0.0 0.0

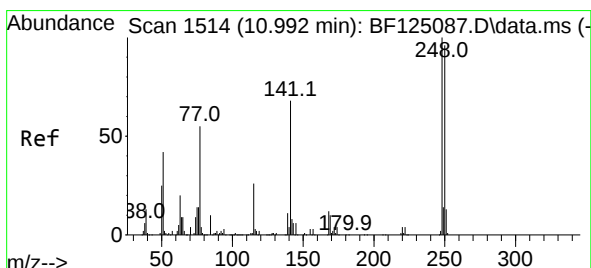
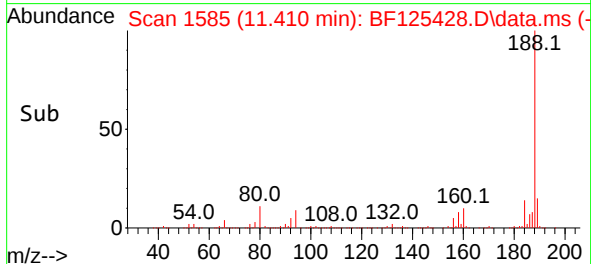
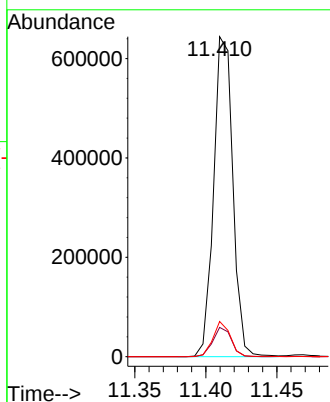
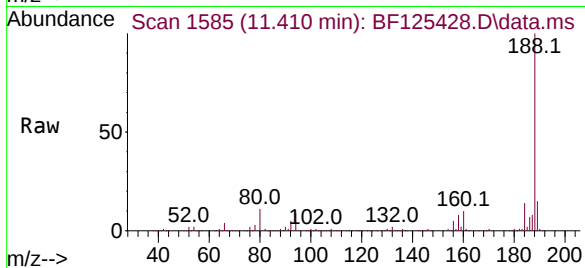




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

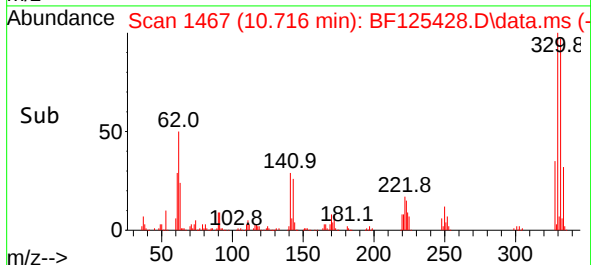
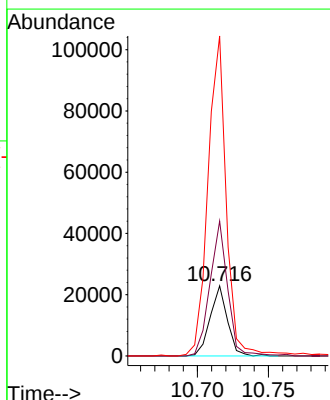
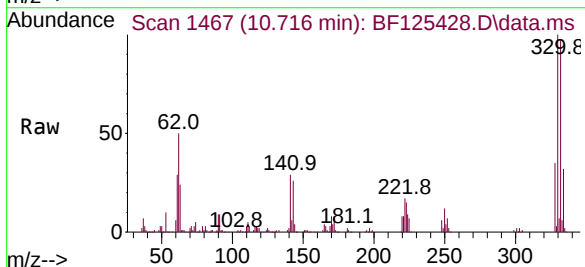
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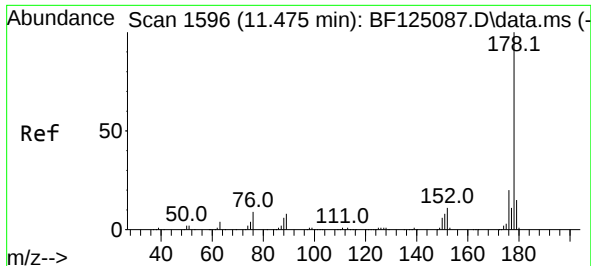
Tgt Ion:188 Resp: 606356
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 11.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.656 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.241 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

Tgt Ion:248 Resp: 19341
Ion Ratio Lower Upper
248 100
250 192.7 74.2 111.4#
141 457.0 60.4 90.6#

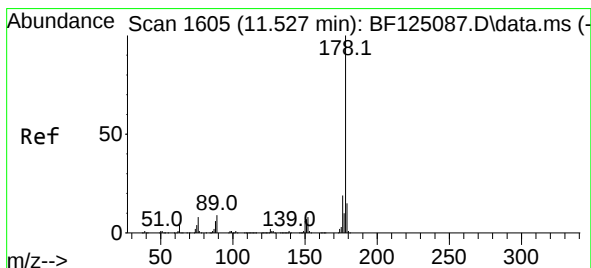
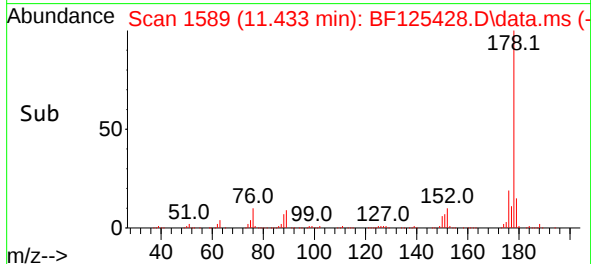
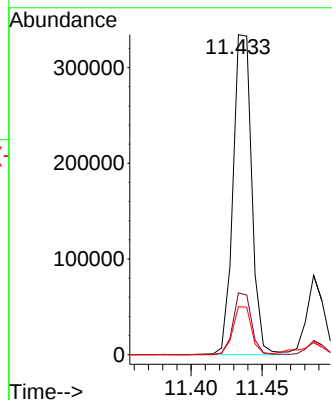
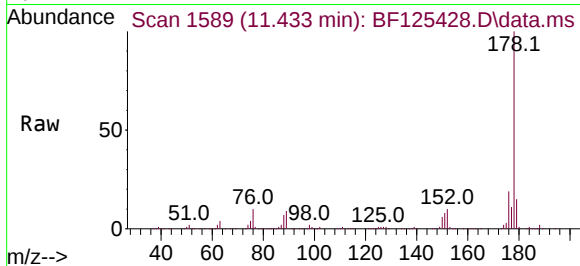




#71
Phenanthrene
Concen: 9.165 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

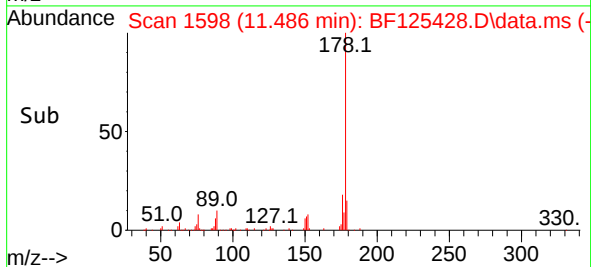
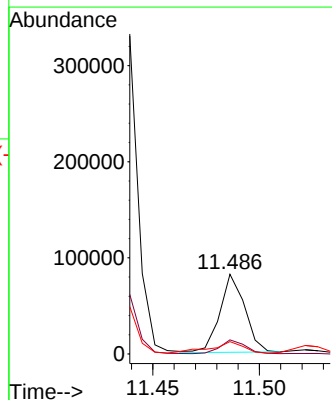
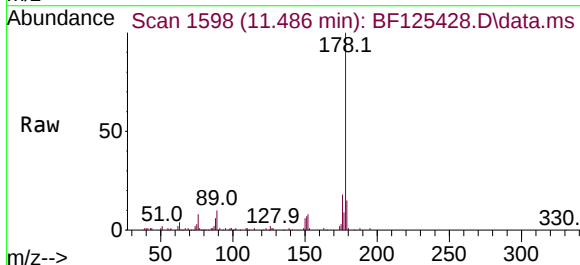
Instrument :
BNA_F
ClientSampleId :
WFM-1

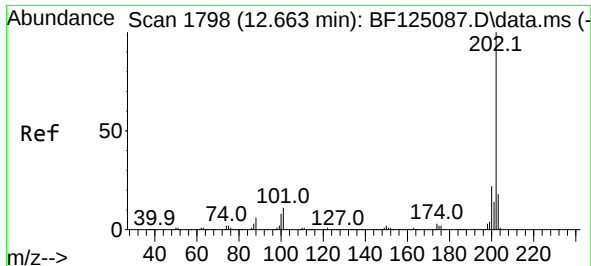
Tgt Ion:178 Resp: 306218
Ion Ratio Lower Upper
178 100
176 19.3 14.7 22.1
179 15.0 11.5 17.3



#72
Anthracene
Concen: 2.020 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

Tgt Ion:178 Resp: 66525
Ion Ratio Lower Upper
178 100
176 17.7 14.3 21.5
179 15.4 12.2 18.4

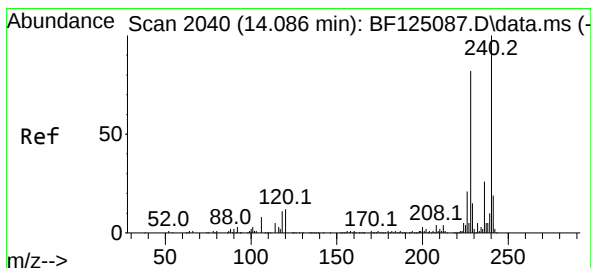
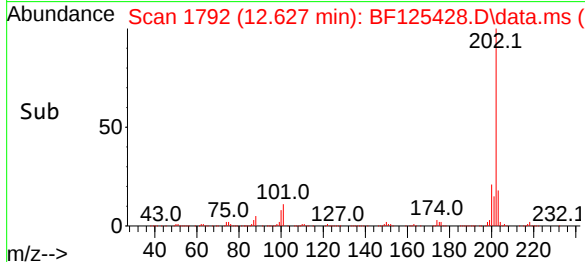
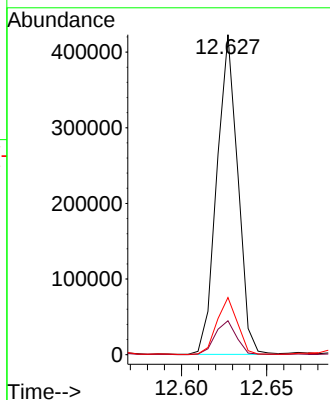
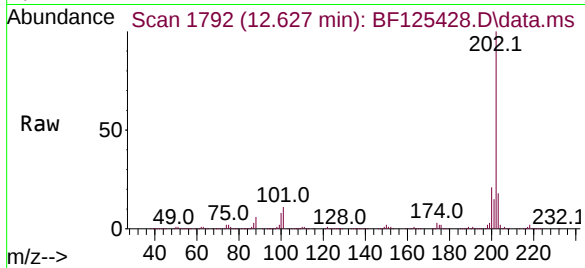




#75
Fluoranthene
Concen: 10.921 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

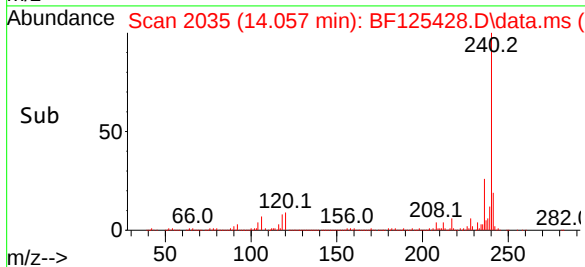
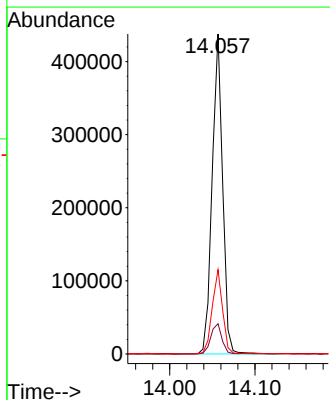
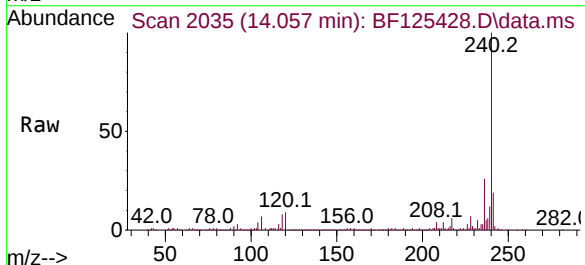
Instrument :
BNA_F
ClientSampleId :
WFM-1

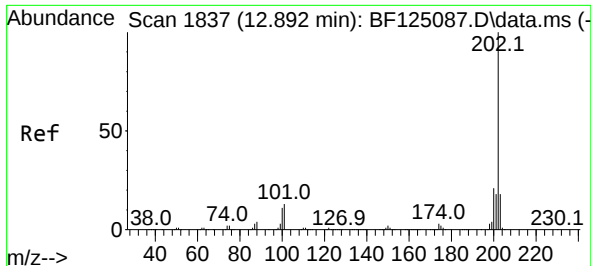
Tgt Ion:202 Resp: 362033
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.7
203 17.8 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

Tgt Ion:240 Resp: 375612
Ion Ratio Lower Upper
240 100
120 9.5 10.8 16.2#
236 26.4 21.6 32.4

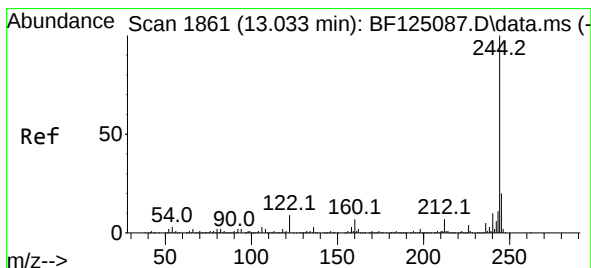
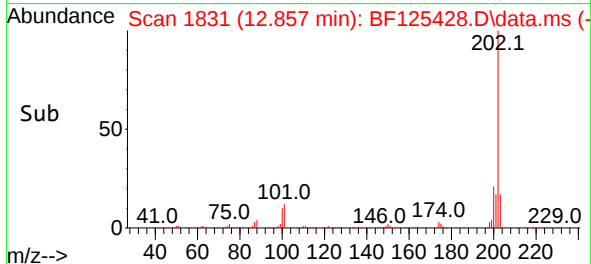
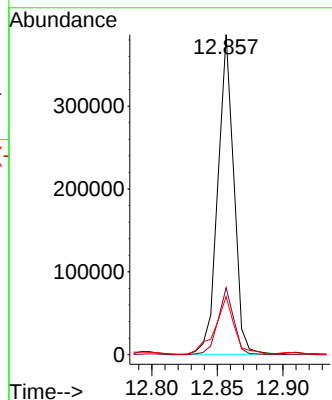
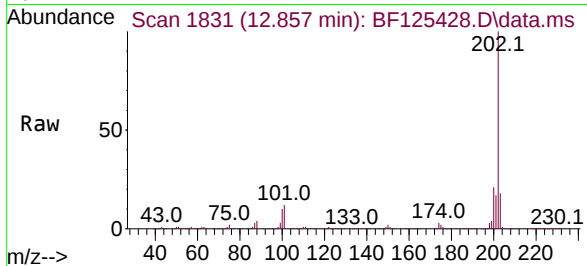




#78
Pyrene
Concen: 10.152 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

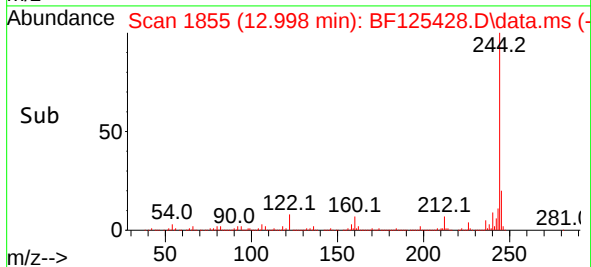
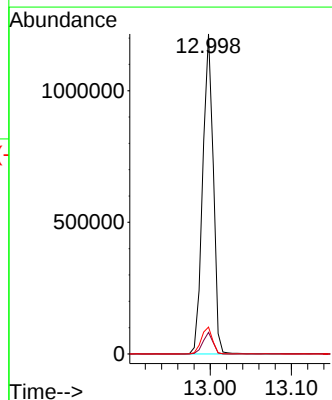
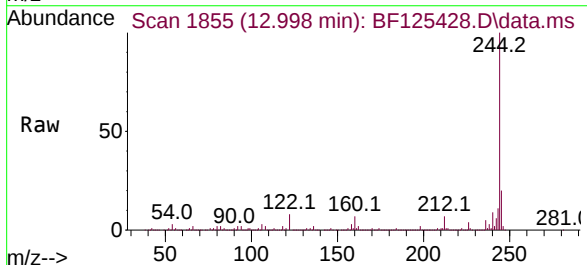
Instrument :
BNA_F
ClientSampleId :
WFM-1

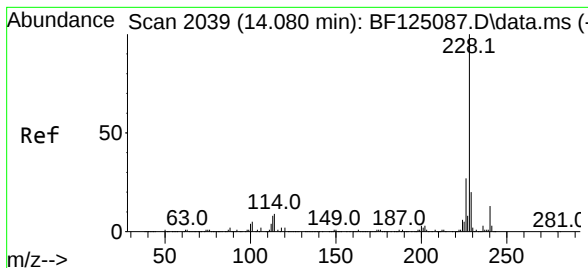
Tgt Ion:202 Resp: 327111
Ion Ratio Lower Upper
202 100
200 21.0 15.3 22.9
203 18.2 13.4 20.0



#79
Terphenyl-d14
Concen: 46.575 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

Tgt Ion:244 Resp: 1098127
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.4 9.0 13.4#

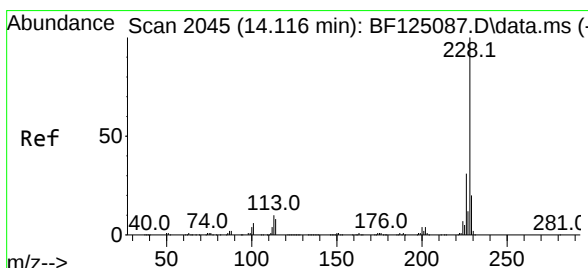
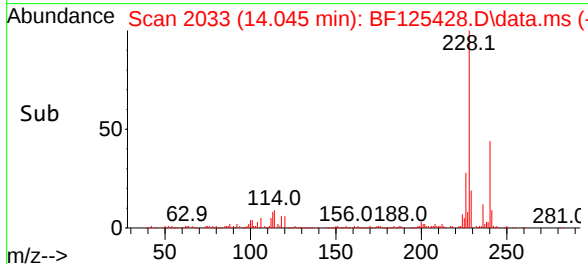
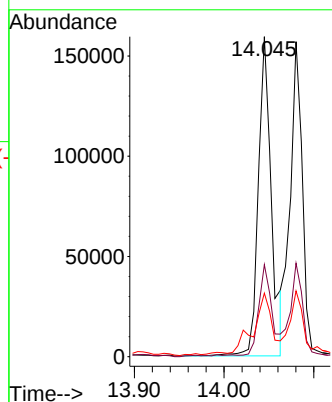
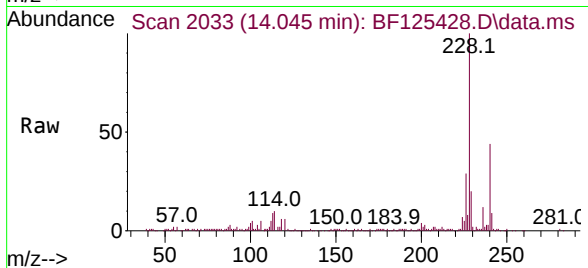




#81
Benzo(a)anthracene
Concen: 5.918 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

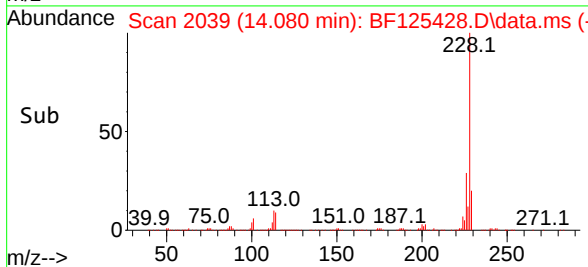
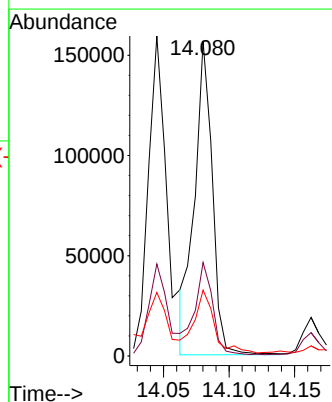
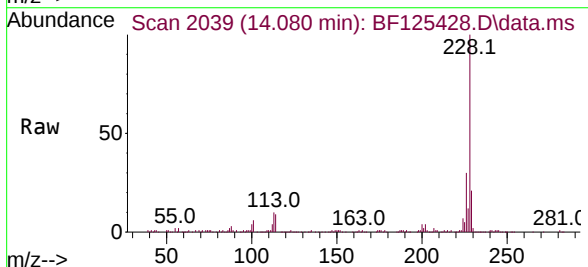
Instrument :
BNA_F
ClientSampleId :
WFM-1

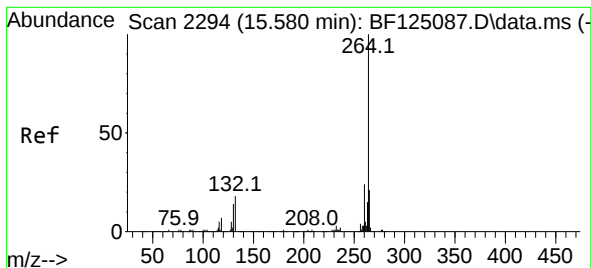
Tgt Ion:228 Resp: 160163
Ion Ratio Lower Upper
228 100
226 28.7 21.6 32.4
229 19.9 15.6 23.4



#83
Chrysene
Concen: 5.549 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

Tgt Ion:228 Resp: 148527
Ion Ratio Lower Upper
228 100
226 29.6 22.6 34.0
229 20.9 15.9 23.9

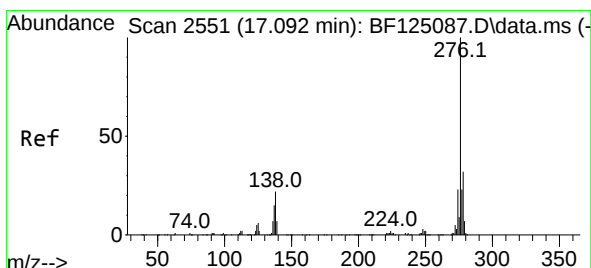
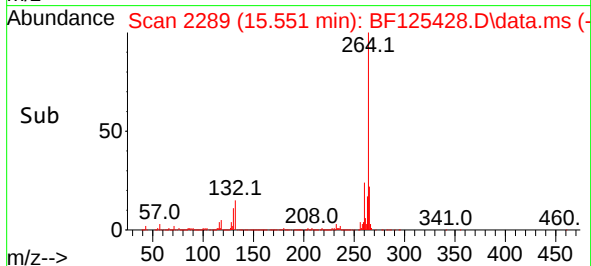
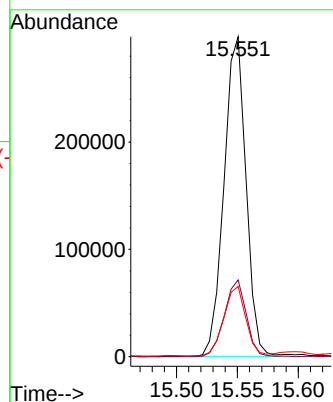
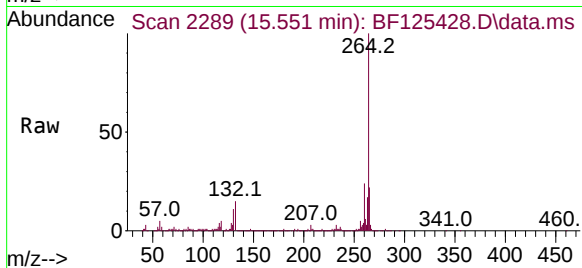




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

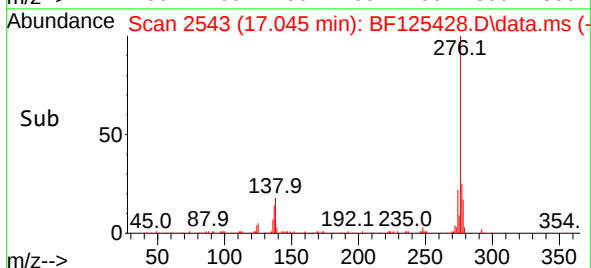
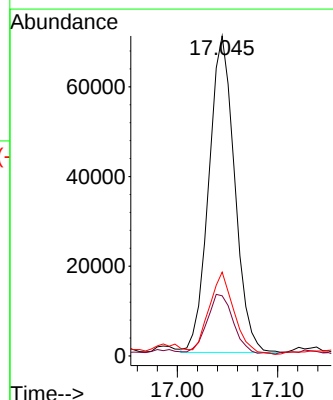
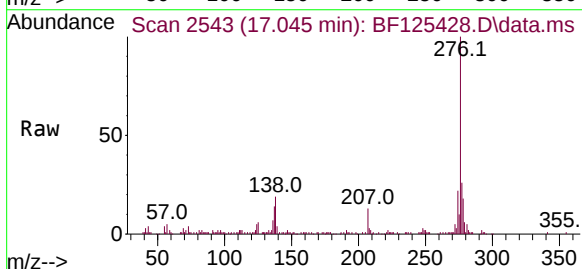
Instrument :
BNA_F
ClientSampled :
WFM-1

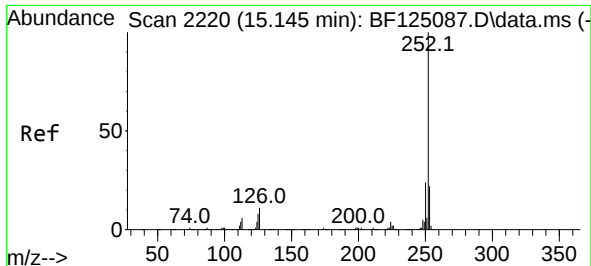
Tgt Ion:264 Resp: 374291
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 22.0 17.2 25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.686 ng
RT: 17.045 min Scan# 2543
Delta R.T. -0.006 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

Tgt Ion:276 Resp: 126356
Ion Ratio Lower Upper
276 100
138 20.1 24.1 36.1#
277 25.2 18.8 28.2

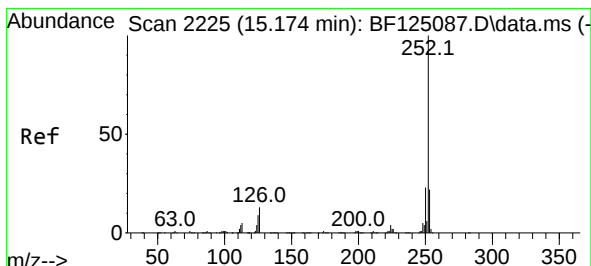
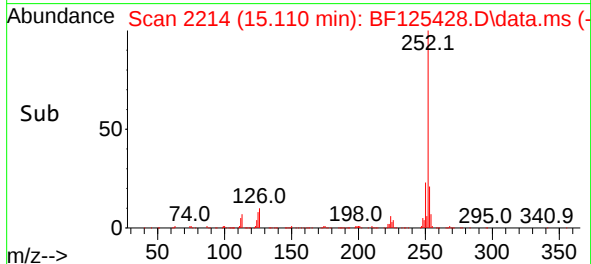
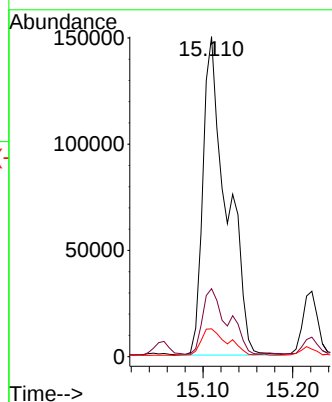
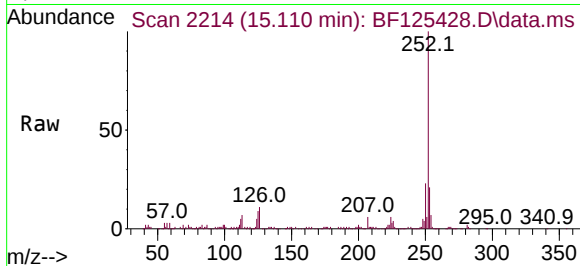




#88
Benzo(b)fluoranthene
Concen: 10.078 ng
RT: 15.110 min Scan# 2214
Delta R.T. 0.000 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

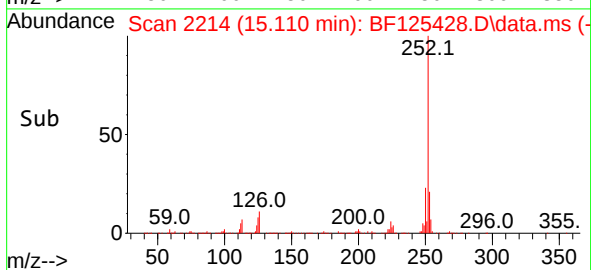
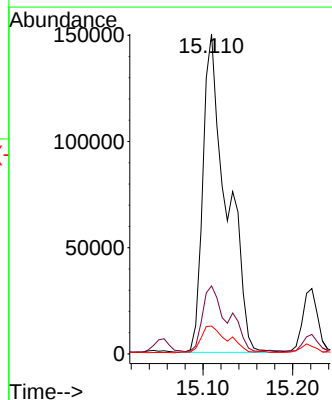
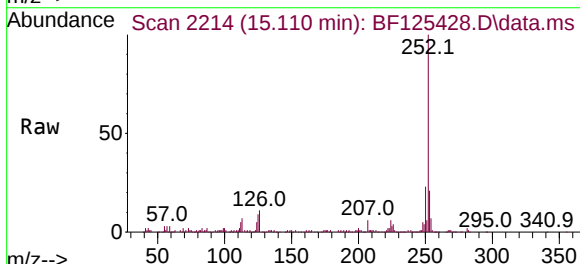
Instrument :
BNA_F
ClientSampleId :
WFM-1

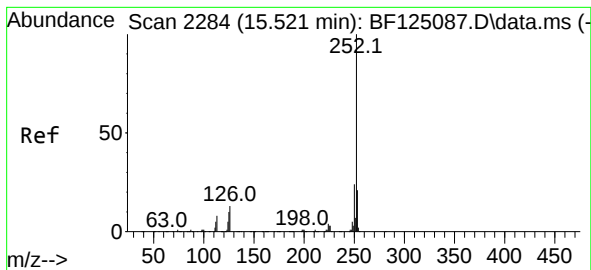
Tgt Ion:252 Resp: 275582
Ion Ratio Lower Upper
252 100
253 21.3 16.8 25.2
125 8.7 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 10.800 ng
RT: 15.110 min Scan# 2214
Delta R.T. -0.035 min
Lab File: BF125428.D
Acq: 10 Sep 2021 17:26

Tgt Ion:252 Resp: 275582
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 8.7 7.2 10.8





#90

Benzo(a)pyrene

Concen: 6.413 ng

RT: 15.480 min Scan# 2277

Delta R.T. -0.006 min

Lab File: BF125428.D

Acq: 10 Sep 2021 17:26

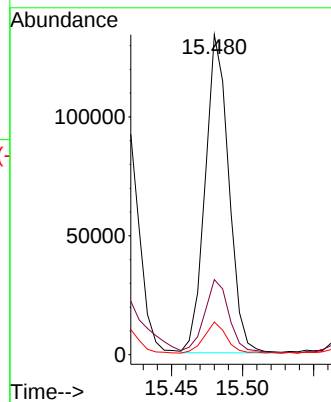
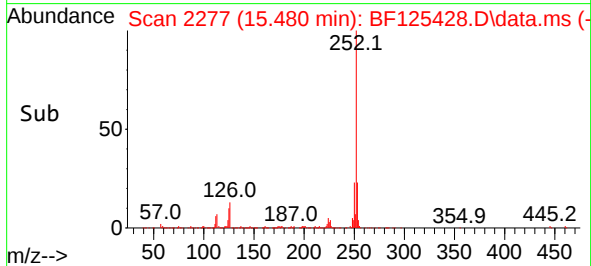
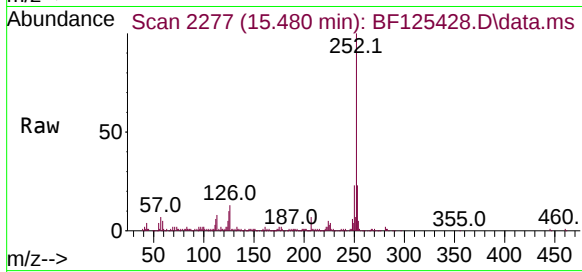
Tgt Ion:252 Resp: 154904

Ion Ratio Lower Upper

252 100

253 23.5 18.4 27.6

125 10.2 9.9 14.9



Instrument :

BNA_F

ClientSampleId :

WFM-1