

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
 Data File : BF125217.D
 Acq On : 25 Aug 2021 19:14
 Operator : JU/CG
 Sample : M3467-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-10-(410.75)

Quant Time: Aug 26 01:36:23 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)

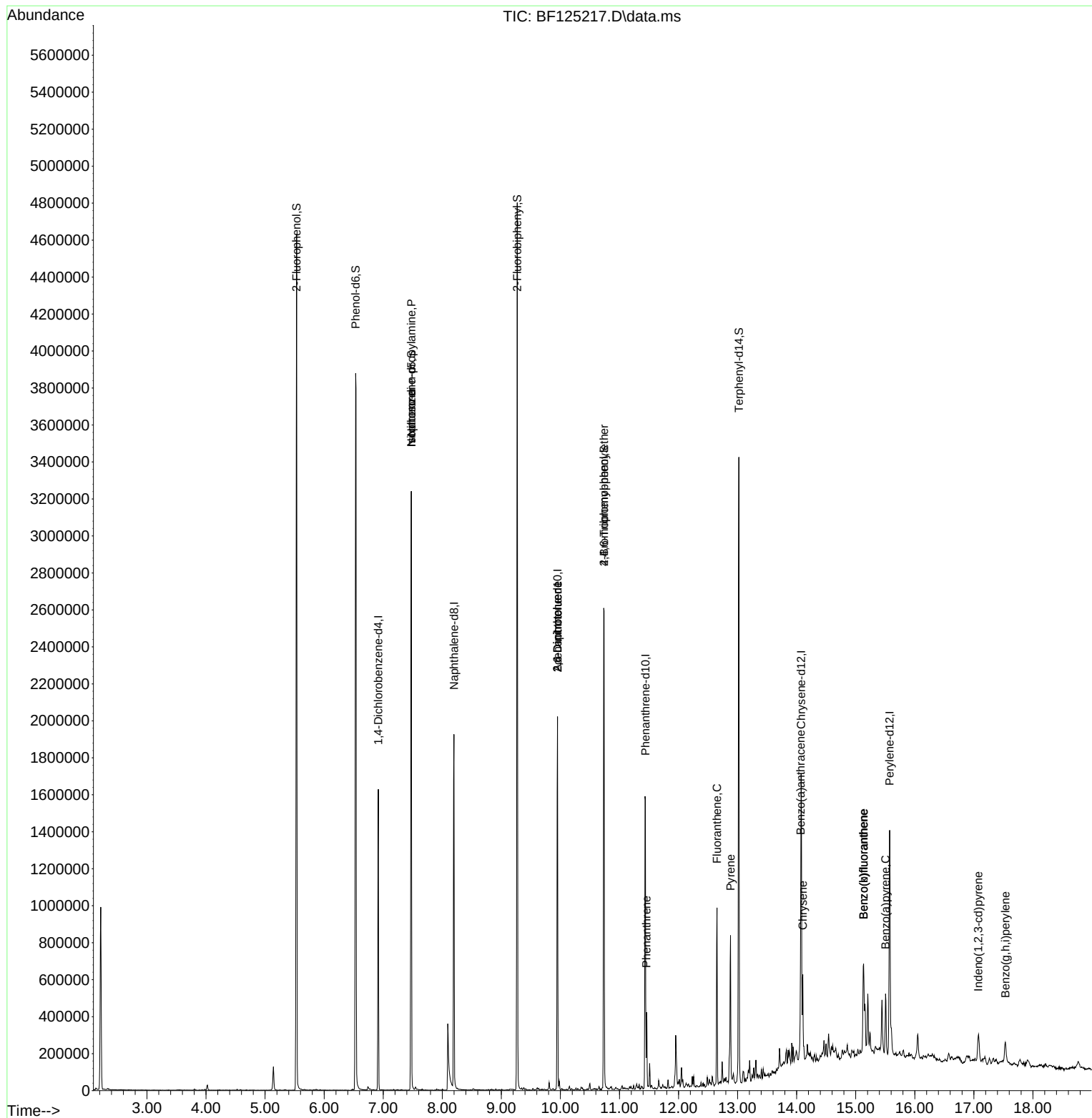
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	215909	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	823495	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	399996	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	623088	20.000	ng	0.00
76) Chrysene-d12	14.074	240	470180	20.000	ng	0.00
86) Perylene-d12	15.574	264	539686	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1162830	81.519	ng	0.00
7) Phenol-d6	6.534	99	1457527	79.004	ng	0.00
23) Nitrobenzene-d5	7.475	82	936606	57.259	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	331784	83.095	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1400024	48.782	ng	0.00
79) Terphenyl-d14	13.022	244	1132122	38.359	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	121699	10.967	ng	# 58
25) Isophorone	7.475	82	936599	29.681	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	51490	8.567	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	51490	7.078	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	21275	2.843	ng	# 1
71) Phenanthrene	11.457	178	147903	4.308	ng	98
75) Fluoranthene	12.651	202	356454	10.464	ng	98
78) Pyrene	12.880	202	312338	7.744	ng	99
81) Benzo(a)anthracene	14.069	228	169642	5.008	ng	97
83) Chrysene	14.104	228	184756	5.515	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	103408	2.660	ng	# 90
88) Benzo(b)fluoranthene	15.133	252	360568	9.145	ng	99
89) Benzo(k)fluoranthene	15.133	252	360568	9.800	ng	# 97
90) Benzo(a)pyrene	15.504	252	156961	4.507	ng	98
92) Benzo(g,h,i)perylene	17.533	276	90464	2.792	ng	95

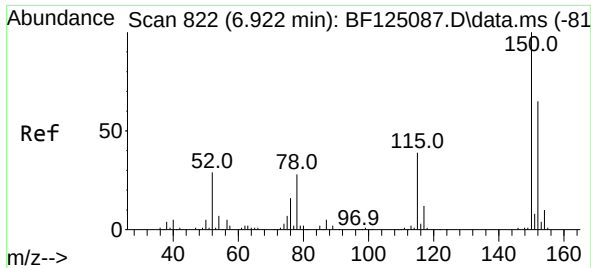
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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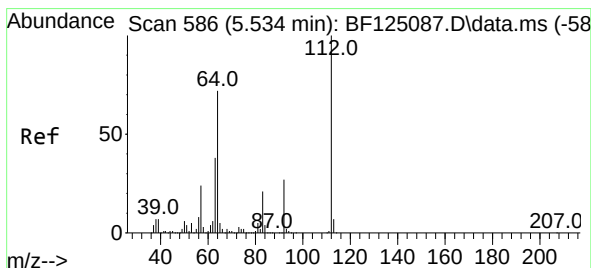
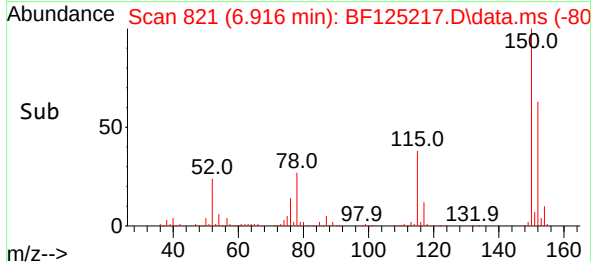
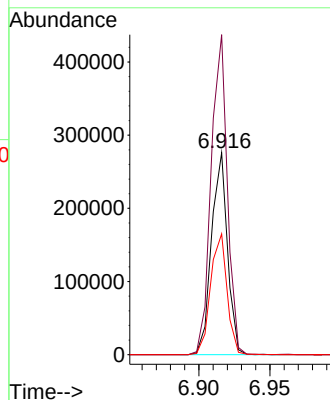
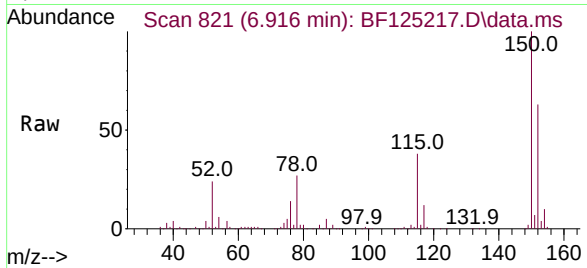




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

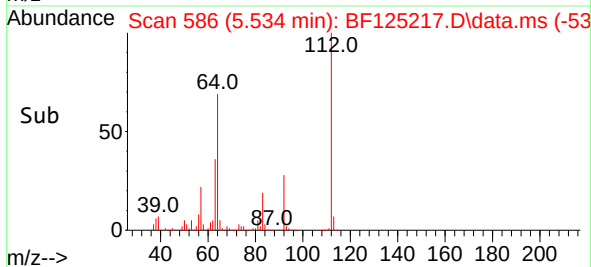
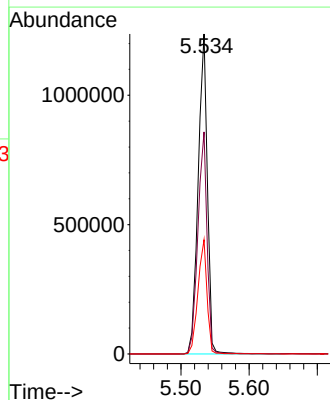
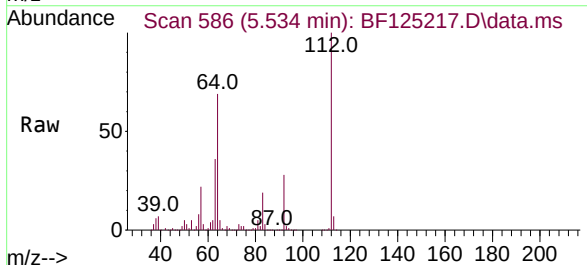
Instrument :
BNA_F
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SAMPLE-10-(410.75)

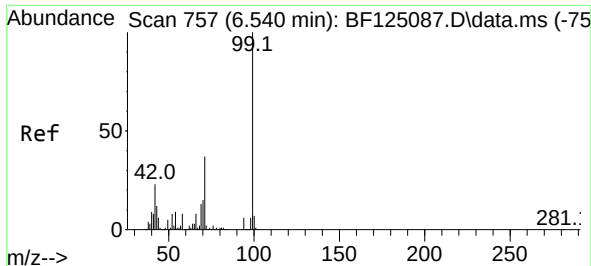
Tgt Ion:152 Resp: 215909
Ion Ratio Lower Upper
152 100
150 158.5 117.6 176.4
115 59.9 47.1 70.7



#5
2-Fluorophenol
Concen: 81.519 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

Tgt Ion:112 Resp: 1162830
Ion Ratio Lower Upper
112 100
64 69.4 44.2 66.2#
63 35.7 26.2 39.2

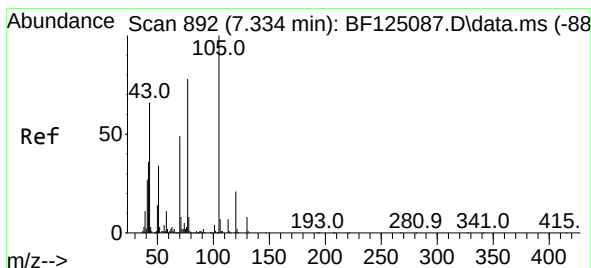
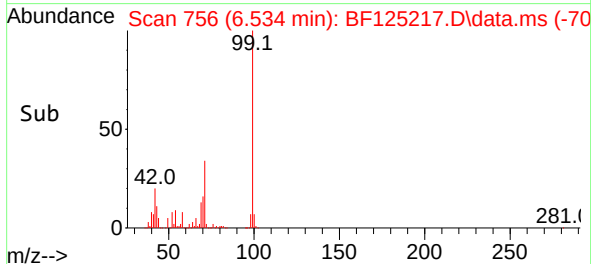
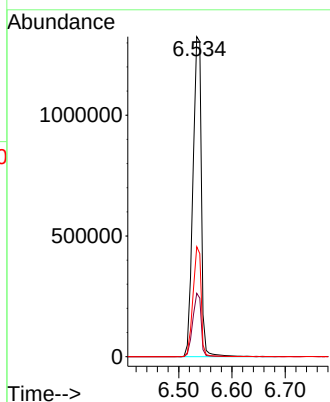
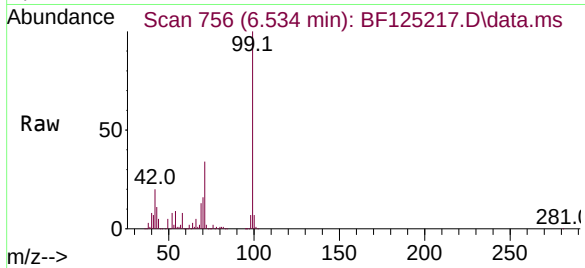




#7
Phenol-d6
Concen: 79.004 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

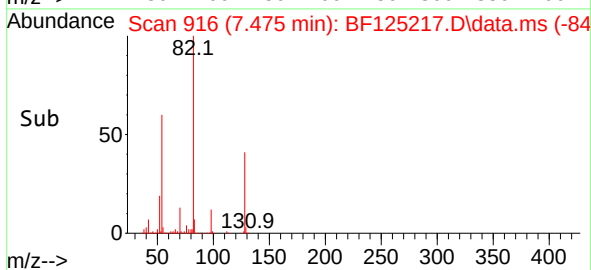
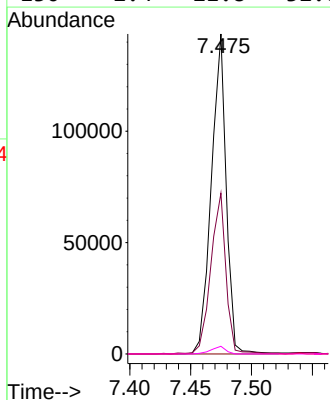
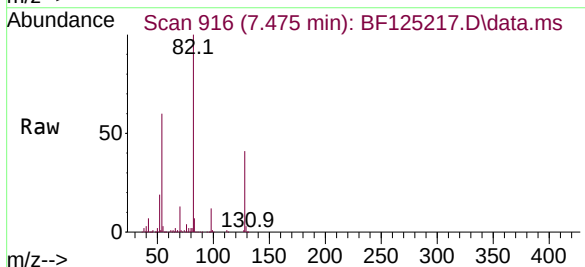
Instrument :
BNA_F
ClientSampleId :
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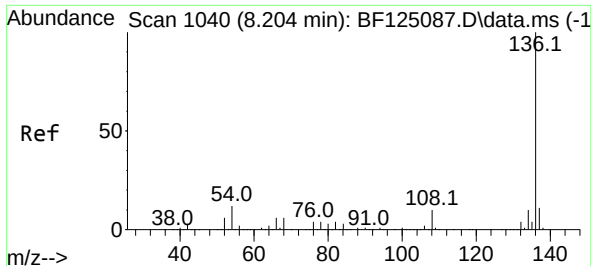
Tgt Ion: 99 Resp: 1457527
Ion Ratio Lower Upper
99 100
42 19.8 23.5 35.3#
71 34.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.967 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

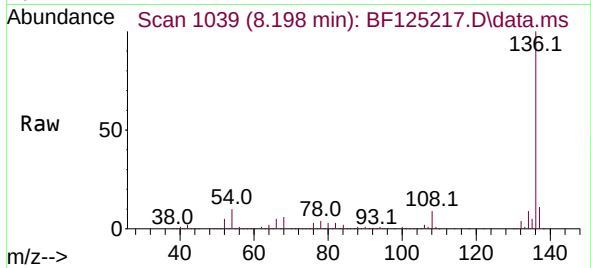
Tgt Ion: 70 Resp: 121699
Ion Ratio Lower Upper
70 100
42 50.3 72.2 108.2#
101 0.0 7.8 11.8#
130 2.4 21.8 32.6#



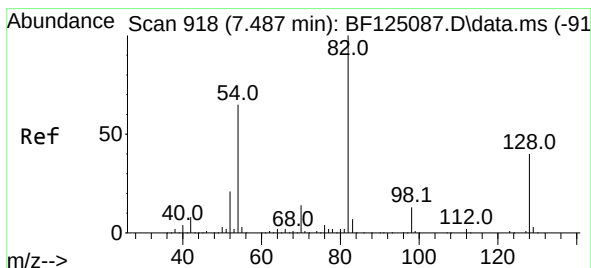
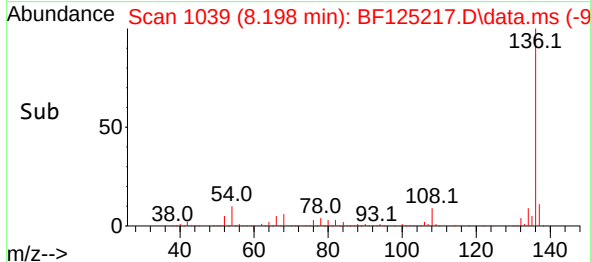
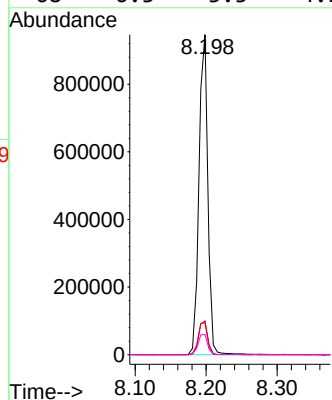


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

Instrument :
BNA_F
ClientSampleId :
SAMPLE-10-(410.75)

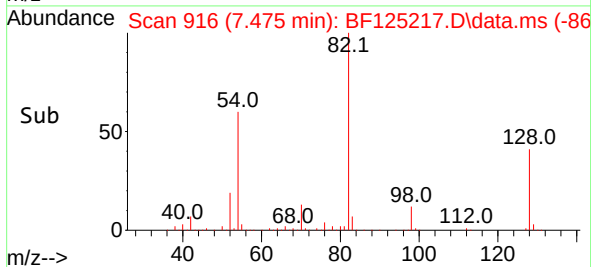
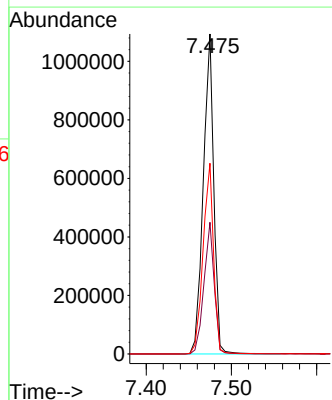
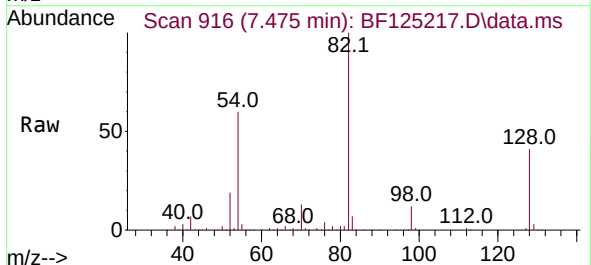


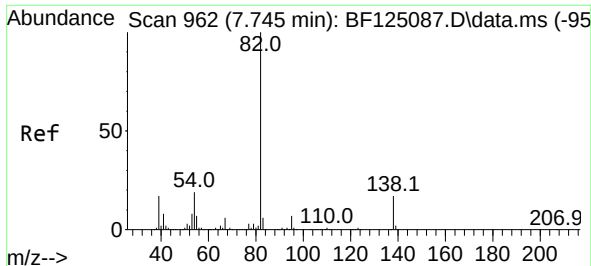
Tgt Ion:136 Resp: 823495
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 9.9 6.4 9.6#
68 6.3 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 57.259 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

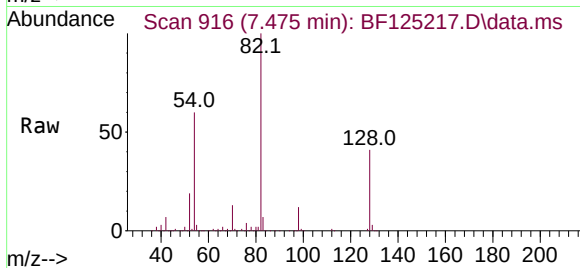
Tgt Ion: 82 Resp: 936606
Ion Ratio Lower Upper
82 100
128 41.1 40.6 60.8
54 59.6 49.6 74.4



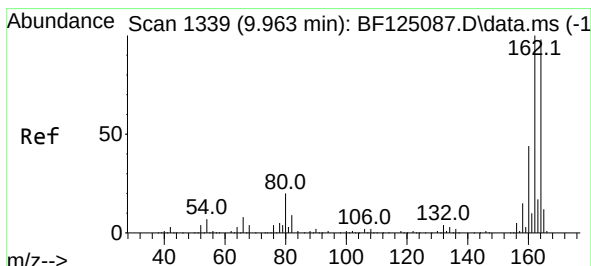
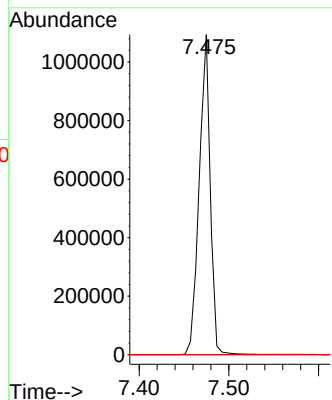
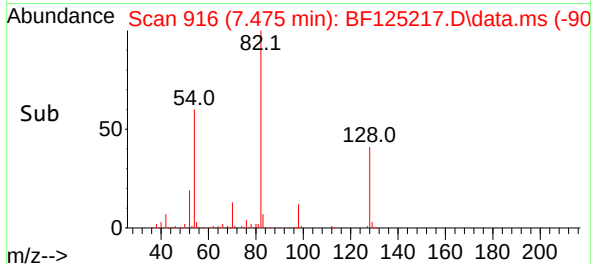


#25
Isophorone
Concen: 29.681 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

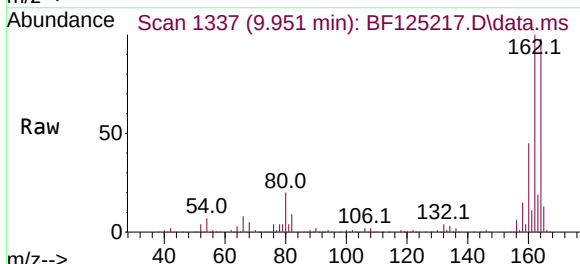
Instrument :
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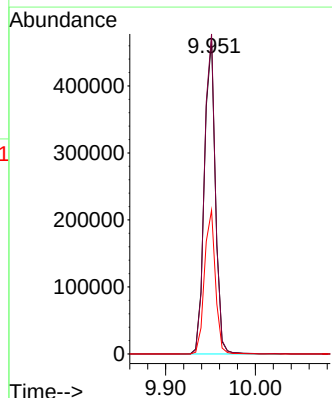
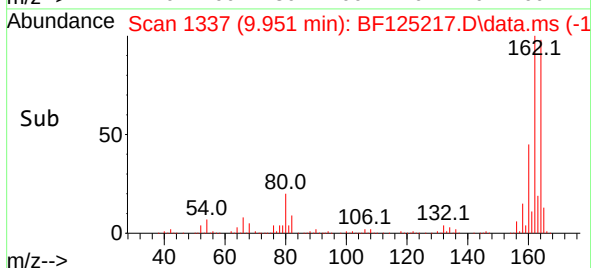
Tgt Ion: 82 Resp: 936599
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

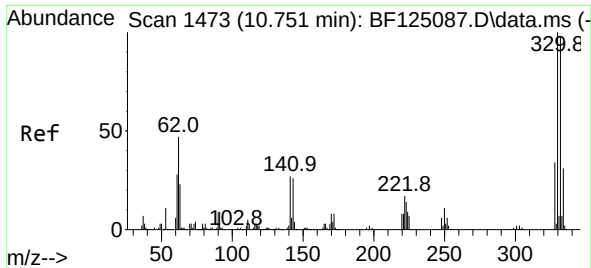


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14



Tgt Ion:164 Resp: 399996
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 45.7 38.0 57.0

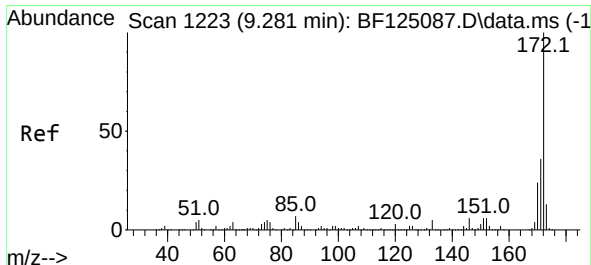
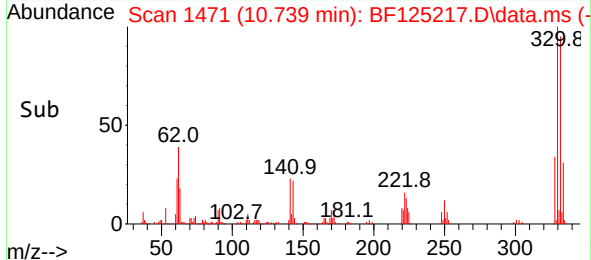
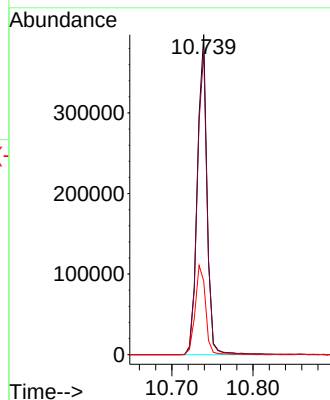
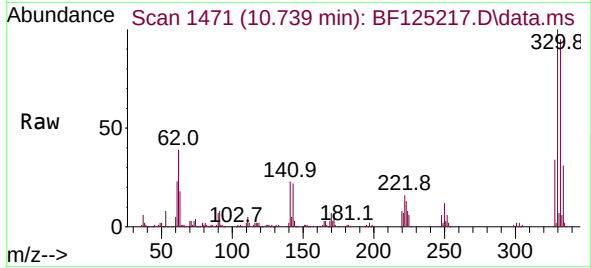




#42
2,4,6-Tribromophenol
Concen: 83.095 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

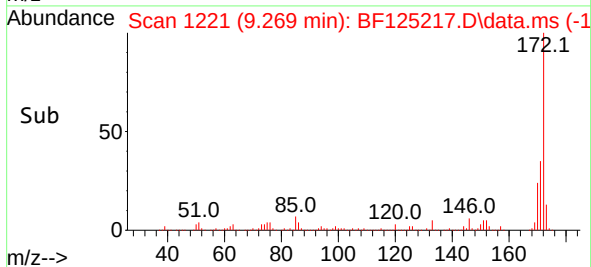
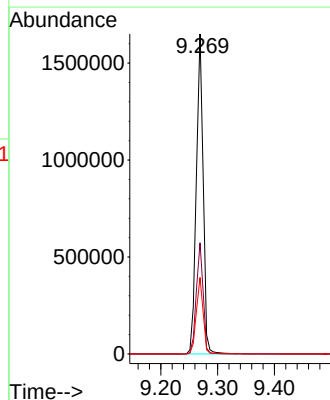
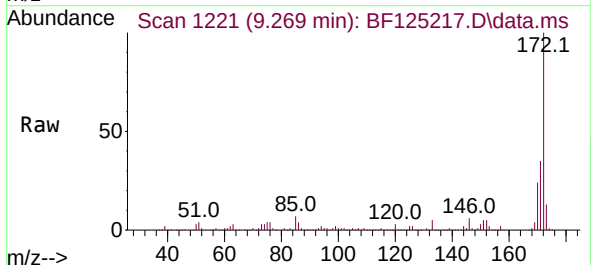
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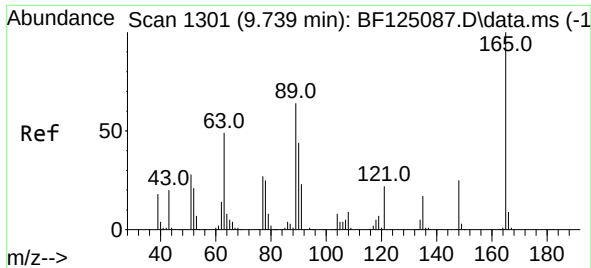
Tgt Ion:330 Resp: 331784
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 30.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 48.782 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

Tgt Ion:172 Resp: 1400024
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 23.9 18.8 28.2

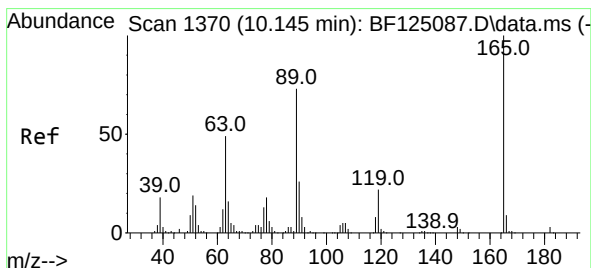
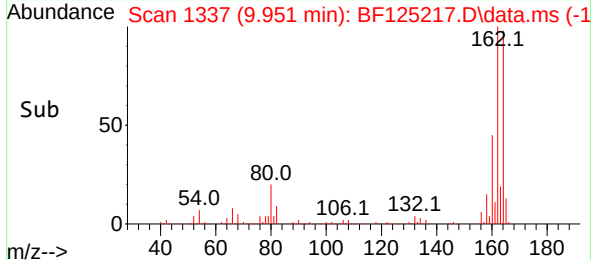
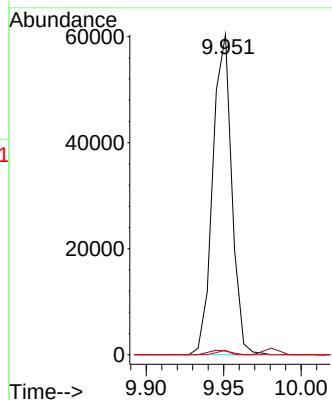
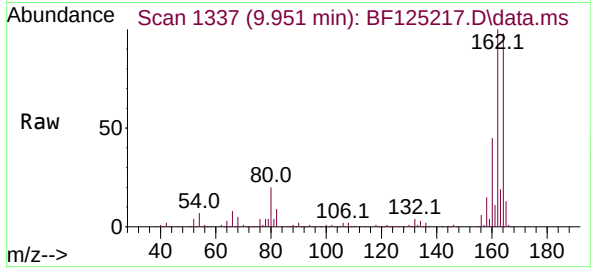




#51
2,6-Dinitrotoluene
Concen: 8.567 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

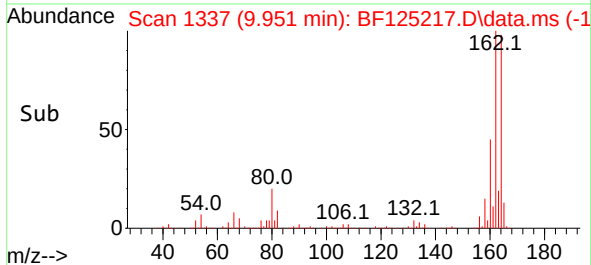
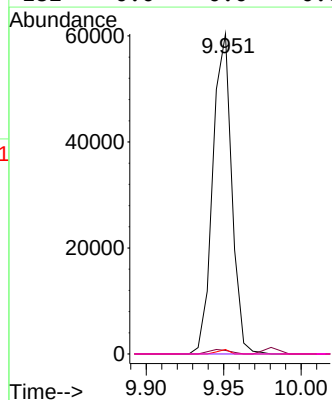
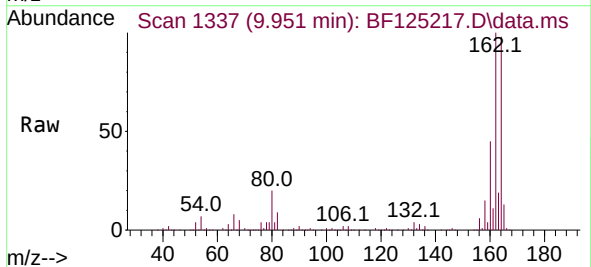
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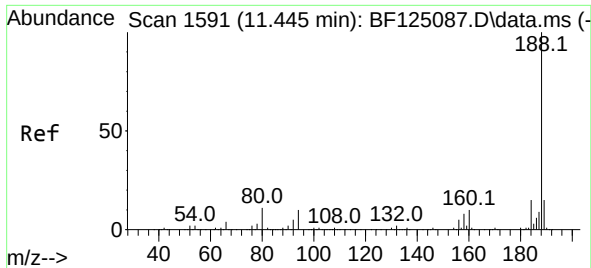
Tgt Ion:165 Resp: 51490
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.4 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.078 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

Tgt Ion:165 Resp: 51490
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0

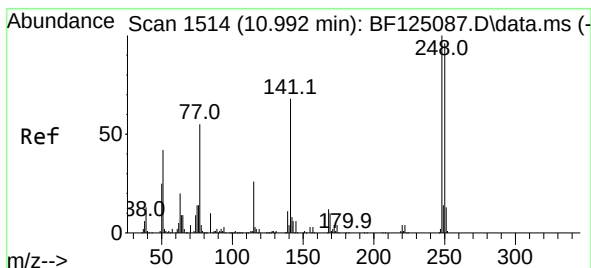
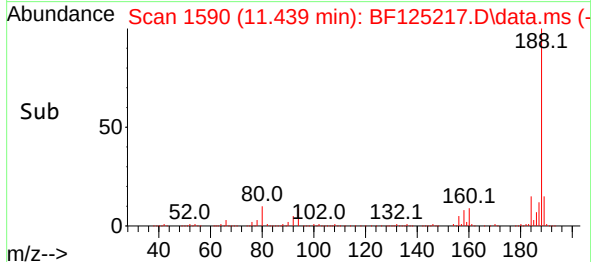
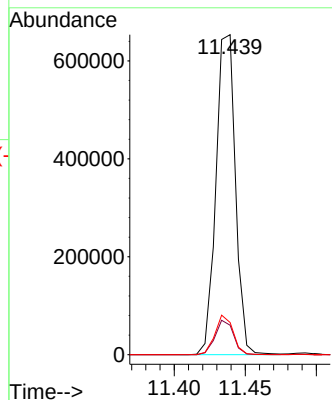
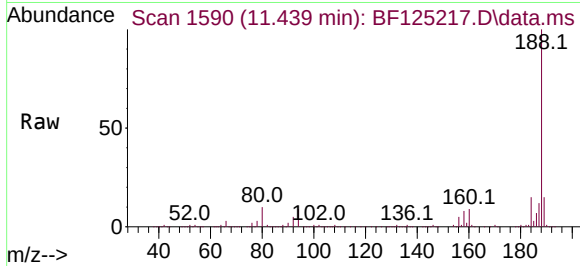




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

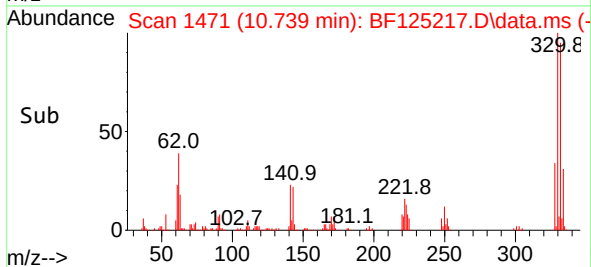
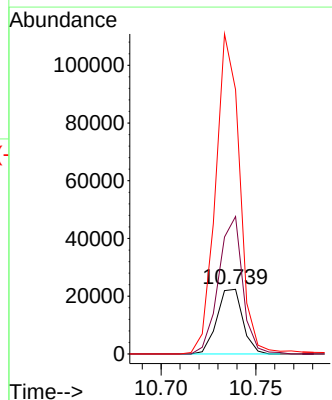
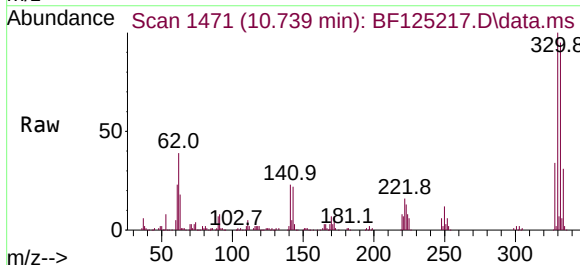
Instrument :
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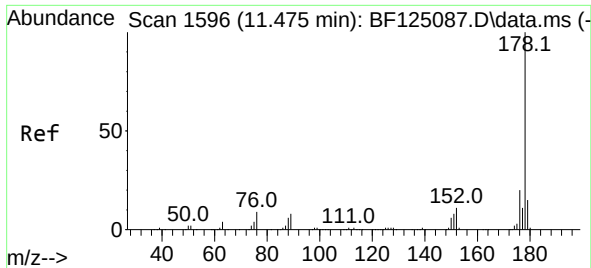
Tgt Ion:188 Resp: 623088
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 10.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.843 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

Tgt Ion:248 Resp: 21275
Ion Ratio Lower Upper
248 100
250 212.4 74.2 111.4#
141 408.5 60.4 90.6#

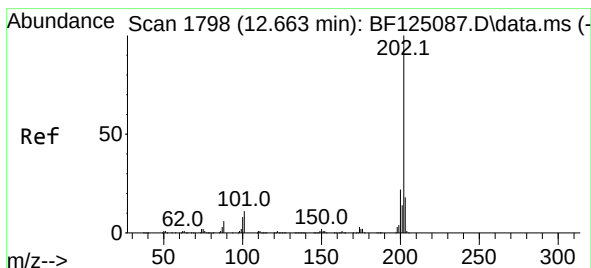
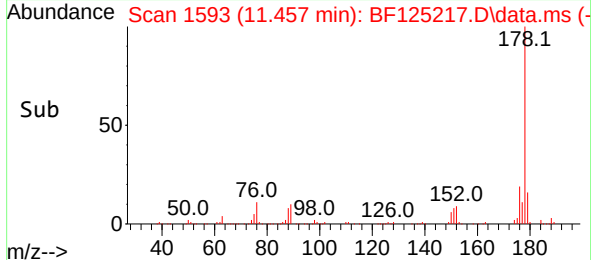
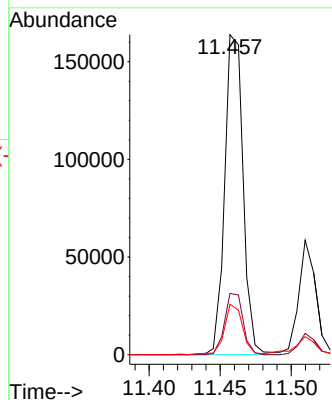
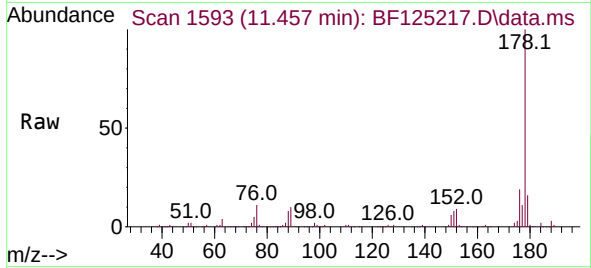




#71
Phenanthrene
Concen: 4.308 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

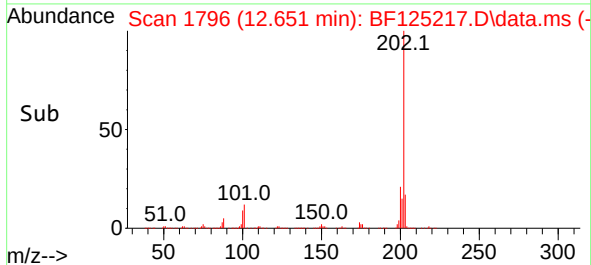
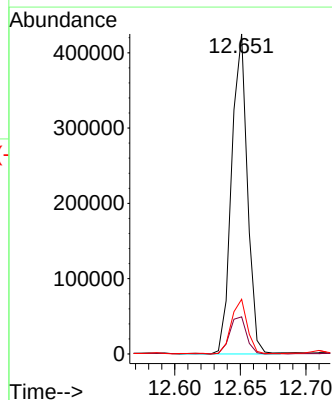
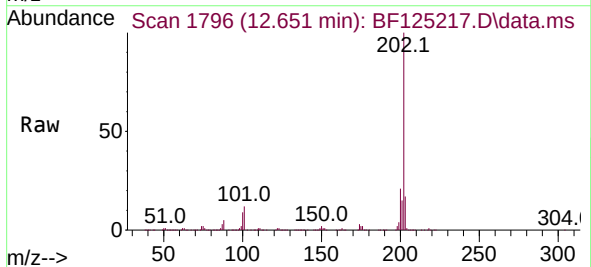
Instrument :
BNA_F
ClientSampleId :
SAMPLE-10-(410.75)

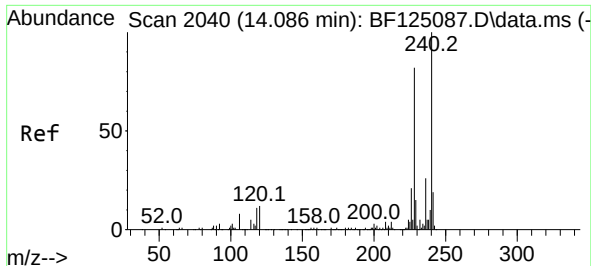
Tgt Ion:178 Resp: 147903
Ion Ratio Lower Upper
178 100
176 19.2 14.7 22.1
179 15.8 11.5 17.3



#75
Fluoranthene
Concen: 10.464 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

Tgt Ion:202 Resp: 356454
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.7
203 17.1 0.0 36.3

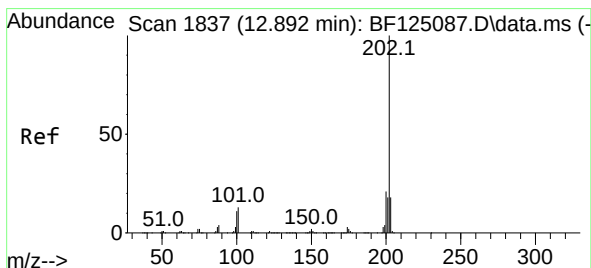
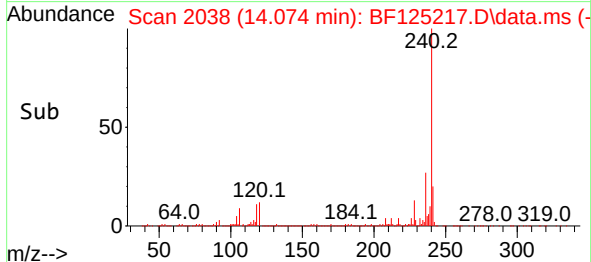
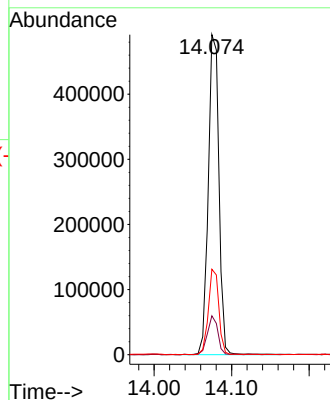
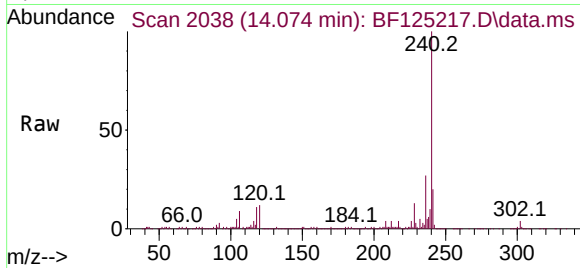




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

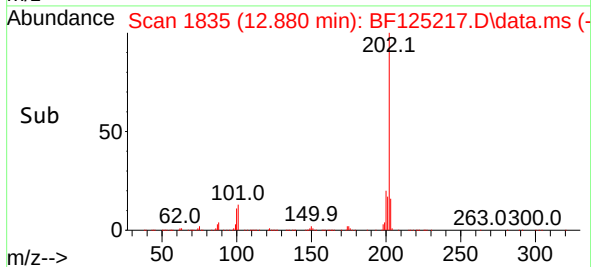
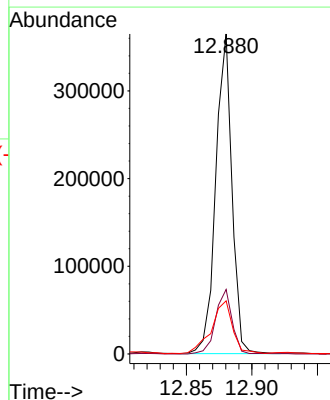
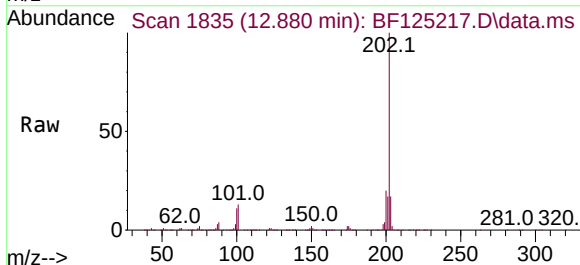
Instrument :
BNA_F
ClientSampleId :
SAMPLE-10-(410.75)

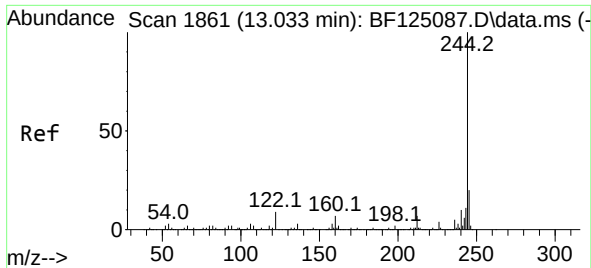
Tgt Ion:240 Resp: 470180
Ion Ratio Lower Upper
240 100
120 12.2 10.8 16.2
236 26.7 21.6 32.4



#78
Pyrene
Concen: 7.744 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

Tgt Ion:202 Resp: 312338
Ion Ratio Lower Upper
202 100
200 20.1 15.3 22.9
203 16.6 13.4 20.0

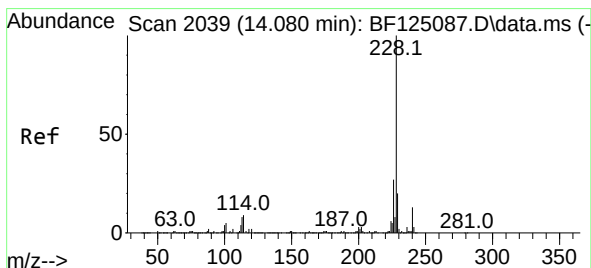
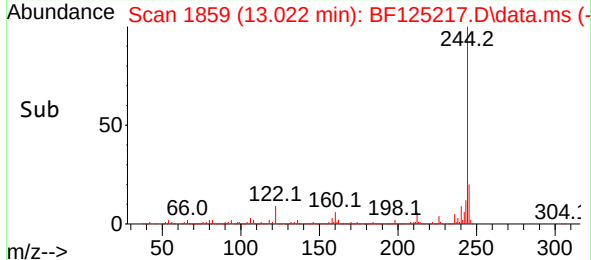
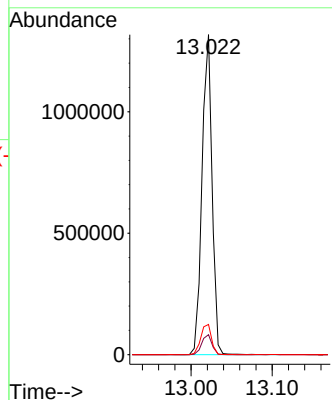
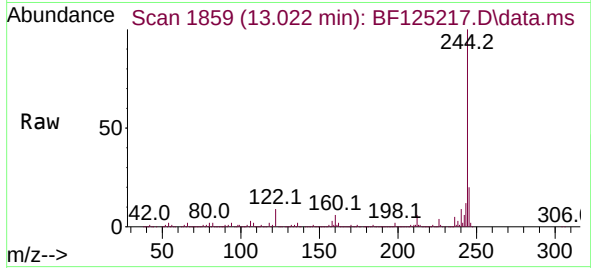




#79
 Terphenyl-d14
 Concen: 38.359 ng
 RT: 13.022 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: BF125217.D
 Acq: 25 Aug 2021 19:14

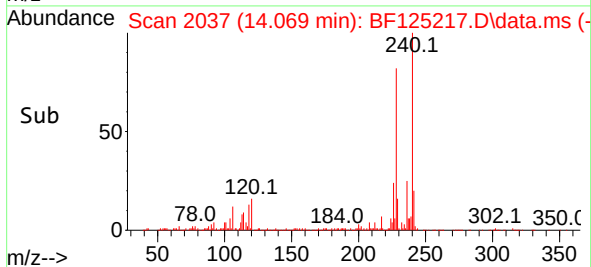
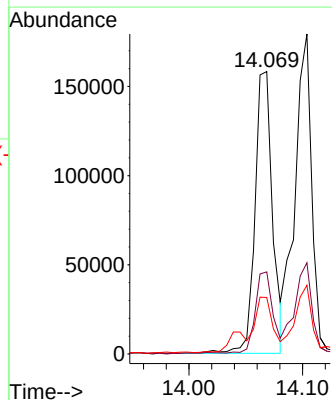
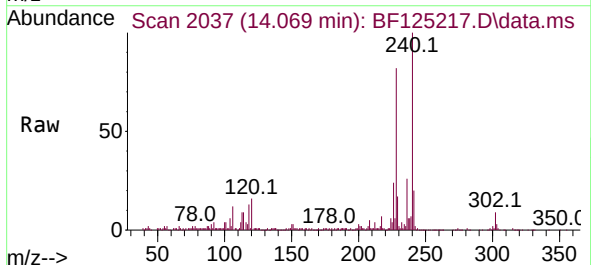
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-10-(410.75)

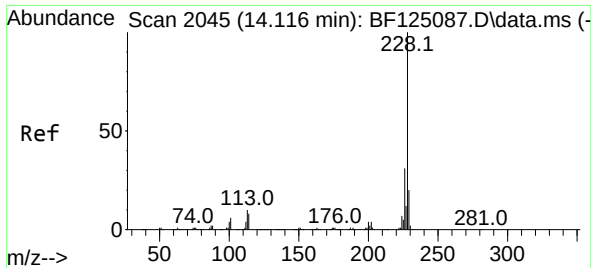
Tgt Ion:244 Resp: 1132122
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.9 8.9
 122 9.4 9.0 13.4



#81
 Benzo(a)anthracene
 Concen: 5.008 ng
 RT: 14.069 min Scan# 2037
 Delta R.T. 0.000 min
 Lab File: BF125217.D
 Acq: 25 Aug 2021 19:14

Tgt Ion:228 Resp: 169642
 Ion Ratio Lower Upper
 228 100
 226 29.1 21.6 32.4
 229 20.0 15.6 23.4

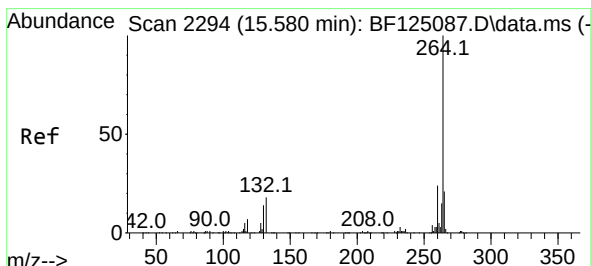
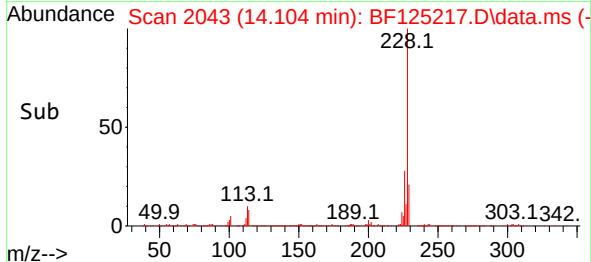
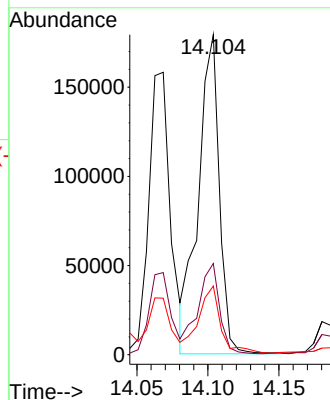
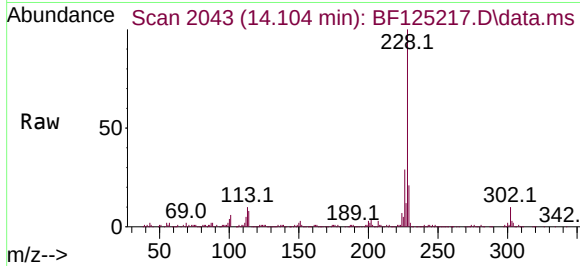




#83
Chrysene
Concen: 5.515 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

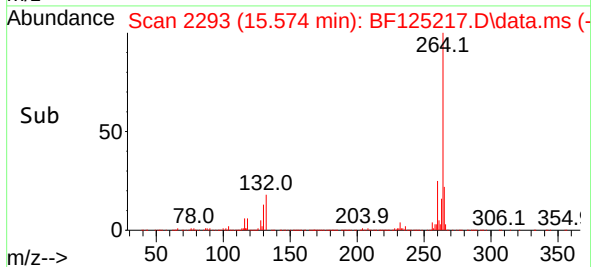
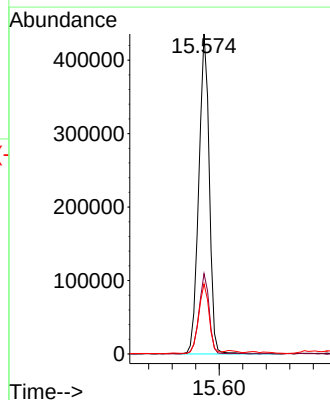
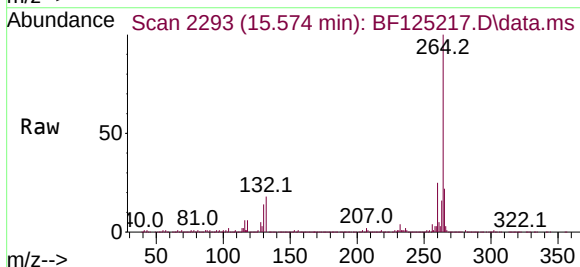
Instrument :
BNA_F
ClientSampleId :
SAMPLE-10-(410.75)

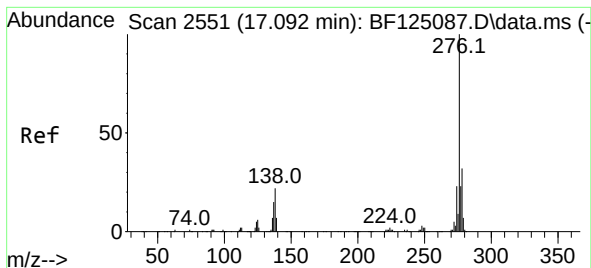
Tgt Ion:228	Resp: 184756
Ion Ratio	Lower Upper
228	100
226	28.5 22.6 34.0
229	21.4 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

Tgt Ion:264	Resp: 539686
Ion Ratio	Lower Upper
264	100
260	25.1 19.6 29.4
265	21.9 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.660 ng

RT: 17.074 min Scan# 2548

Delta R.T. -0.018 min

Lab File: BF125217.D

Acq: 25 Aug 2021 19:14

Tgt Ion:276 Resp: 103408

Ion Ratio Lower Upper

276 100

138 21.4 24.1 36.1#

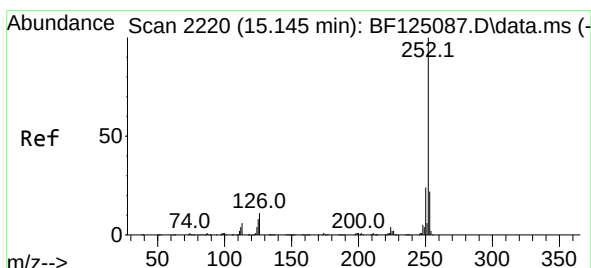
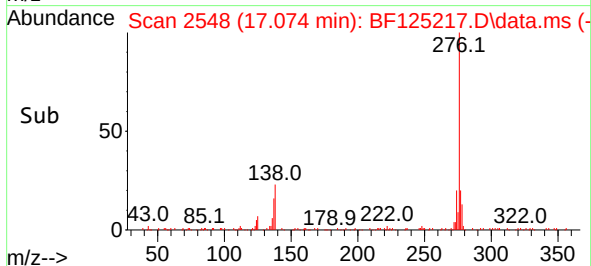
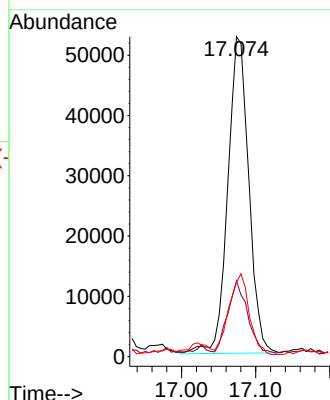
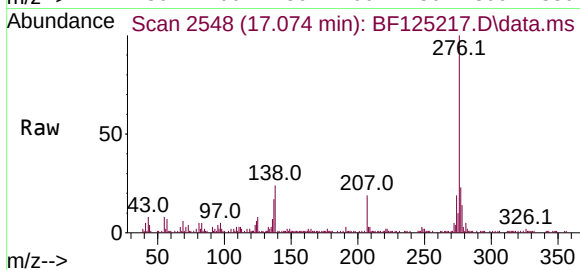
277 24.6 18.8 28.2

Instrument :

BNA_F

ClientSampleId :

SAMPLE-10-(410.75)



#88

Benzo(b)fluoranthene

Concen: 9.145 ng

RT: 15.133 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BF125217.D

Acq: 25 Aug 2021 19:14

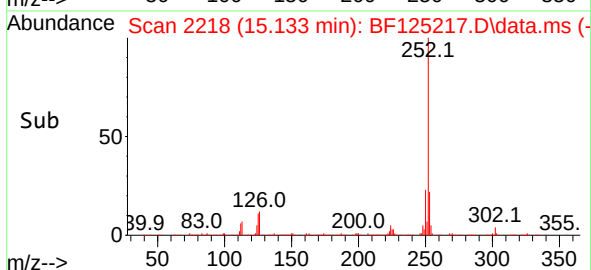
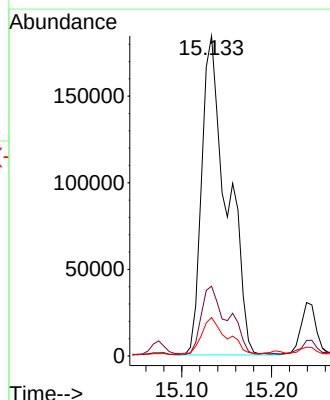
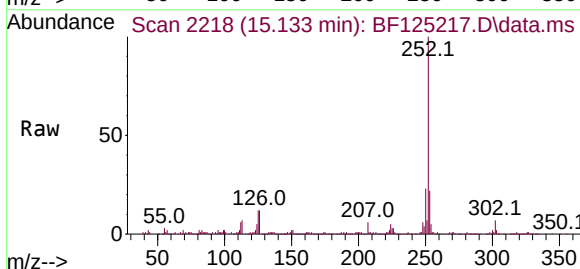
Tgt Ion:252 Resp: 360568

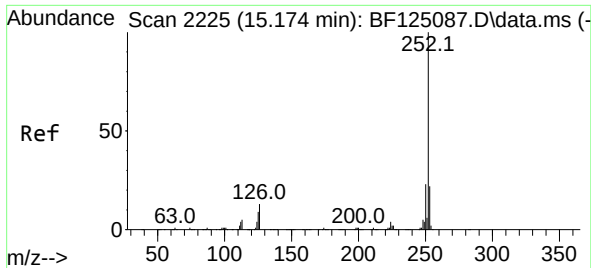
Ion Ratio Lower Upper

252 100

253 21.8 16.8 25.2

125 12.0 9.8 14.8

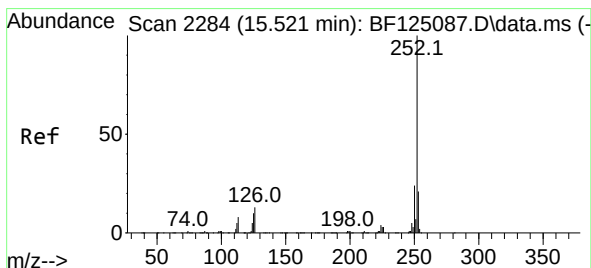
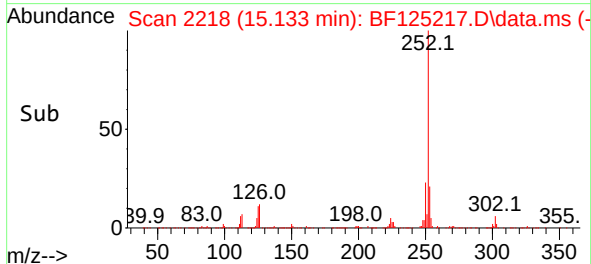
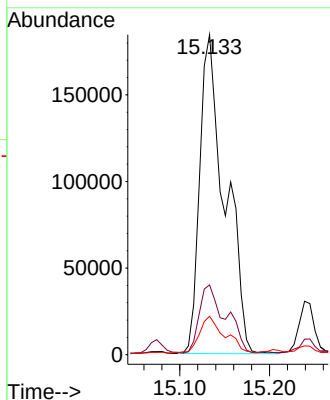
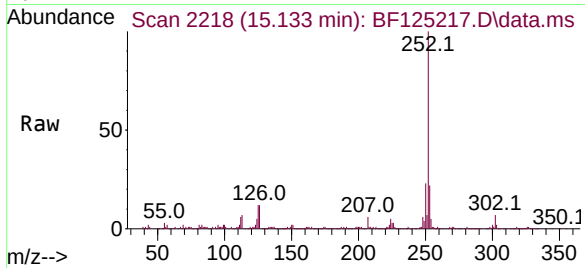




#89
Benzo(k)fluoranthene
Concen: 9.800 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.035 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

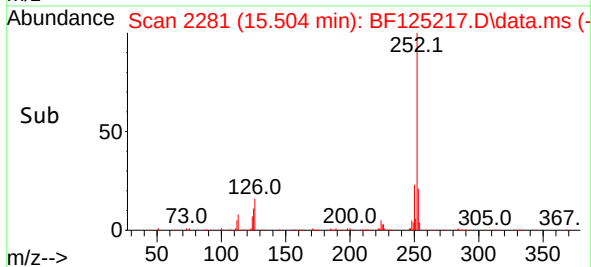
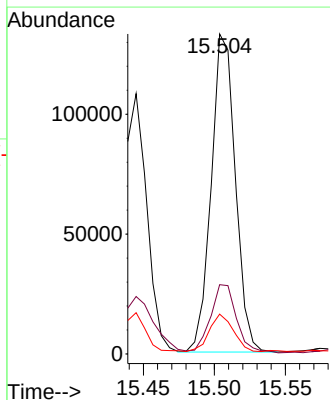
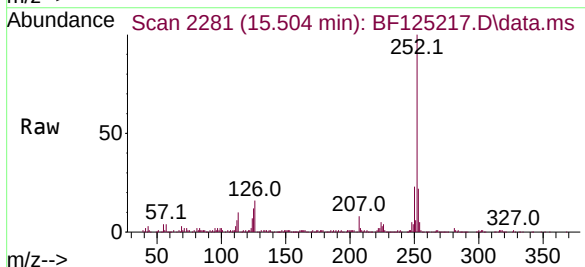
Instrument :
BNA_F
ClientSampleId :
SAMPLE-10-(410.75)

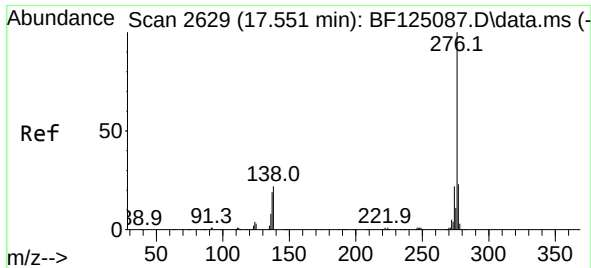
Tgt Ion:252 Resp: 360568
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 12.0 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 4.507 ng
RT: 15.504 min Scan# 2281
Delta R.T. -0.012 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

Tgt Ion:252 Resp: 156961
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 12.4 9.9 14.9





#92
 Benzo(g,h,i)perylene
 Concen: 2.792 ng
 RT: 17.533 min Scan# 2626
 Delta R.T. -0.018 min
 Lab File: BF125217.D
 Acq: 25 Aug 2021 19:14

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-10-(410.75)

Tgt Ion:	276	Resp:	90464
Ion Ratio	Lower	Upper	
276	100		
277	25.1	22.0	33.0
138	24.7	22.2	33.4

