

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
 Data File : BF125187.D
 Acq On : 24 Aug 2021 16:11
 Operator : JU/CG
 Sample : M3467-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1-(150.00)

Quant Time: Aug 24 16:59:33 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)

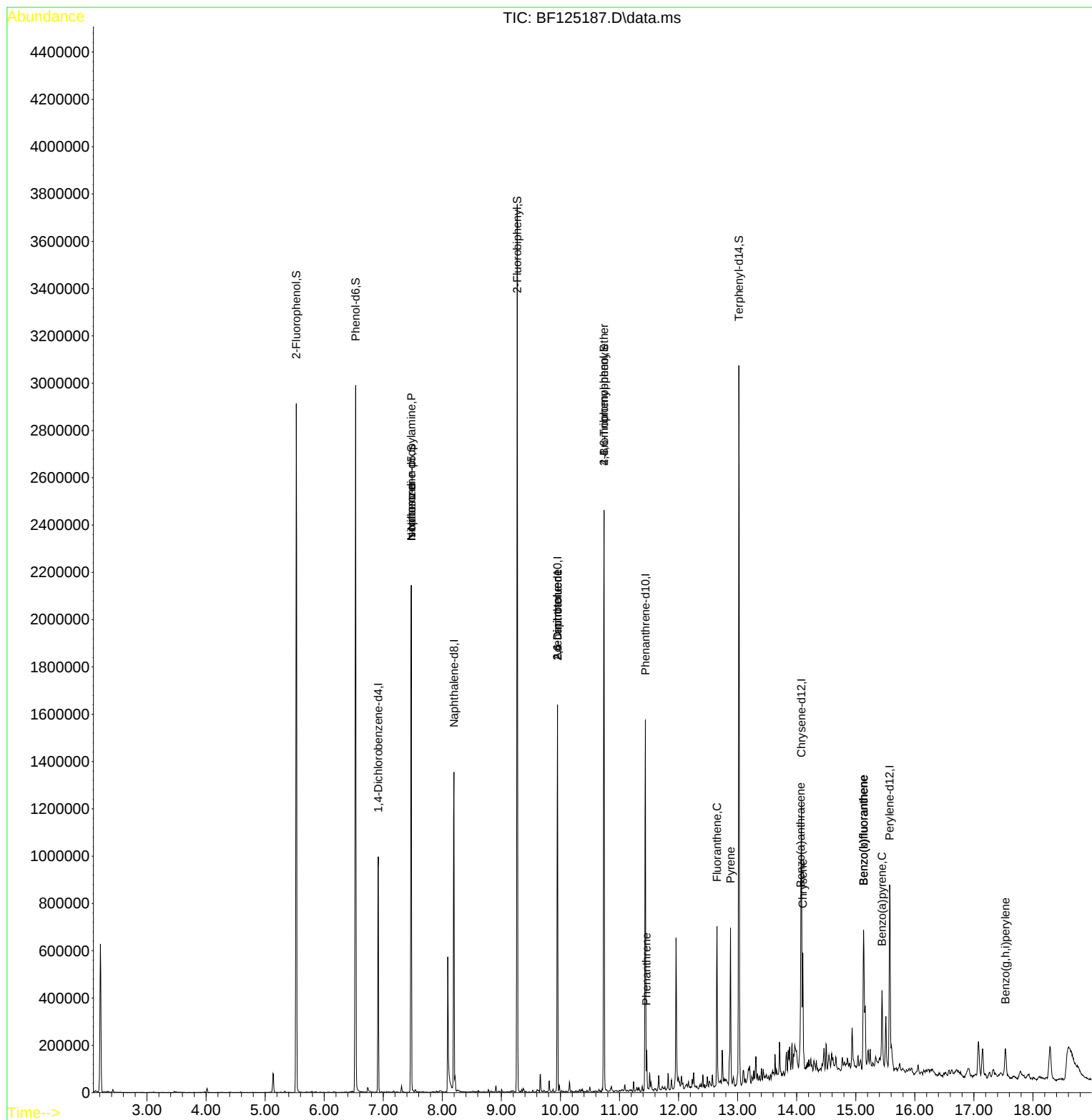
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	142049	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	554644	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	305302	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	538132	20.000	ng	0.00
76) Chrysene-d12	14.080	240	343744	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	352568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	709170	75.565	ng	0.00
7) Phenol-d6	6.534	99	903606	74.447	ng	0.00
23) Nitrobenzene-d5	7.475	82	604654	54.883	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	287158	94.225	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1049618	47.916	ng	0.00
79) Terphenyl-d14	13.021	244	1045347	48.447	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	83295	11.409	ng	# 60
25) Isophorone	7.475	82	604647	28.450	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	39407	8.590	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	39407	7.097	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	18655	2.887	ng	# 1
71) Phenanthrene	11.457	178	59419	2.004	ng	99
75) Fluoranthene	12.651	202	247910	8.426	ng	98
78) Pyrene	12.880	202	251113	8.516	ng	97
81) Benzo(a)anthracene	14.068	228	125631	5.072	ng	96
83) Chrysene	14.104	228	203449	8.306	ng	97
88) Benzo(b)fluoranthene	15.133	252	405380	15.738	ng	# 95
89) Benzo(k)fluoranthene	15.133	252	405380	16.866	ng	99
90) Benzo(a)pyrene	15.445	252	142449	6.261	ng	99
92) Benzo(g,h,i)perylene	17.533	276	92995	4.393	ng	# 90

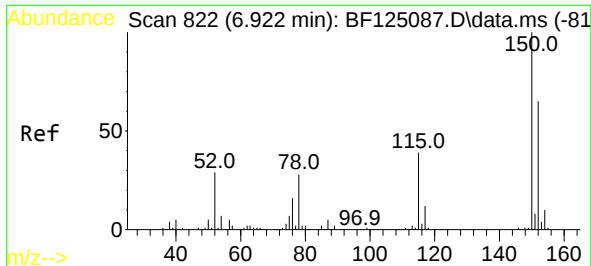
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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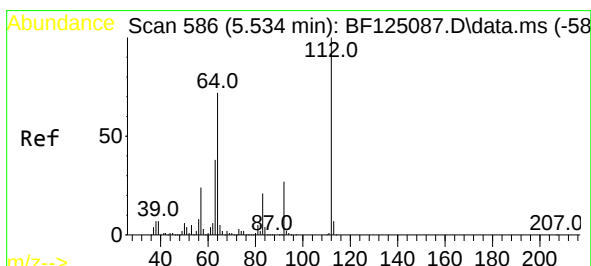
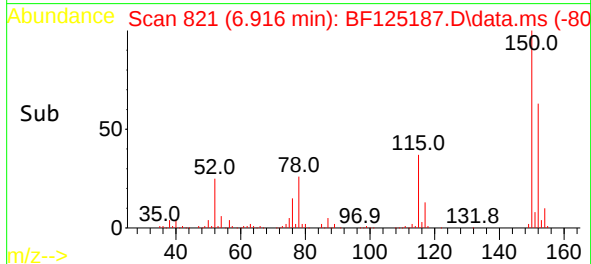
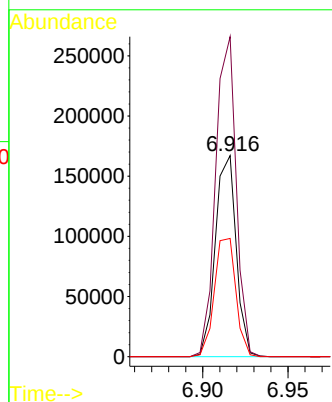
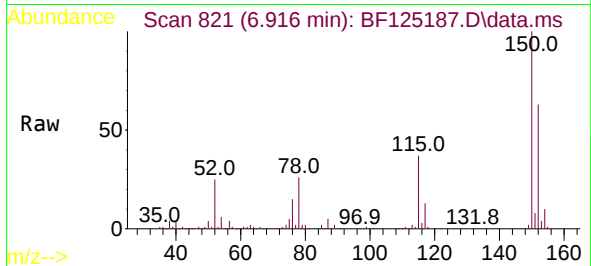




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

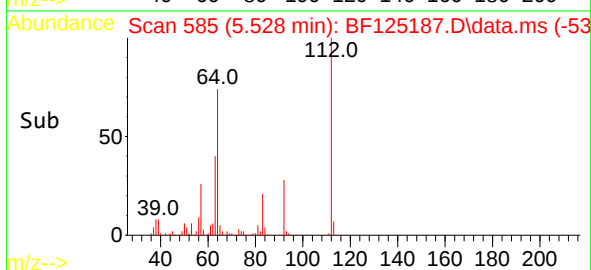
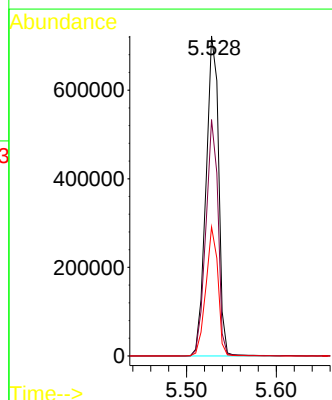
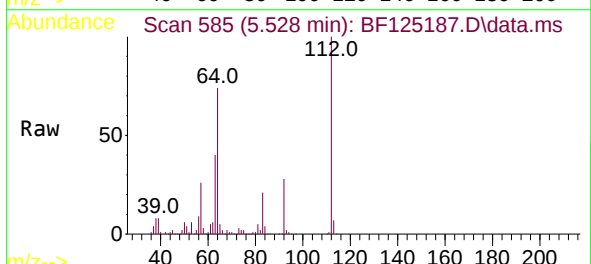
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-(150.00)

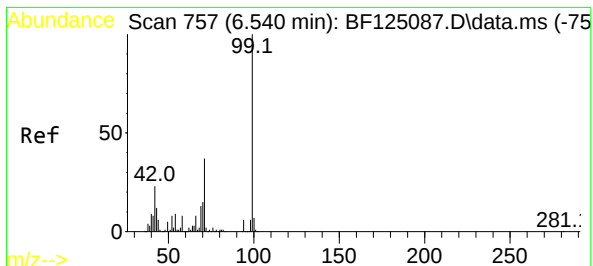
Tgt Ion:152 Resp: 142049
Ion Ratio Lower Upper
152 100
150 159.1 117.6 176.4
115 58.8 47.1 70.7



#5
2-Fluorophenol
Concen: 75.565 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

Tgt Ion:112 Resp: 709170
Ion Ratio Lower Upper
112 100
64 73.9 44.2 66.2#
63 40.3 26.2 39.2#





#7

Phenol-d6

Concen: 74.447 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.006 min

Lab File: BF125187.D

Acq: 24 Aug 2021 16:11

Tgt Ion: 99 Resp: 903606

Ion Ratio Lower Upper

99 100

42 23.0 23.5 35.3#

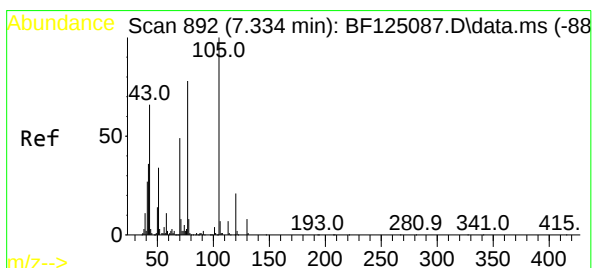
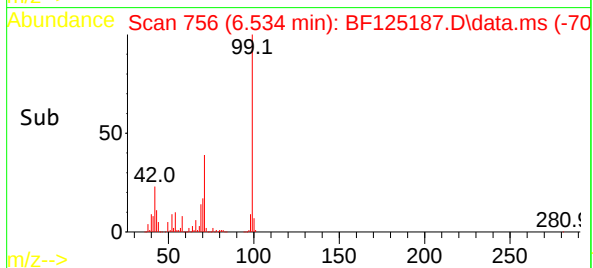
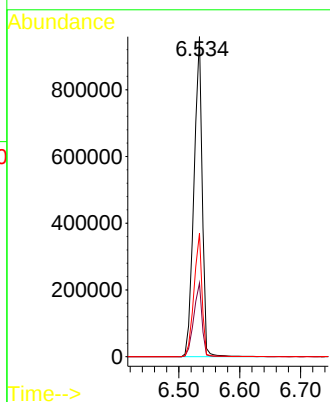
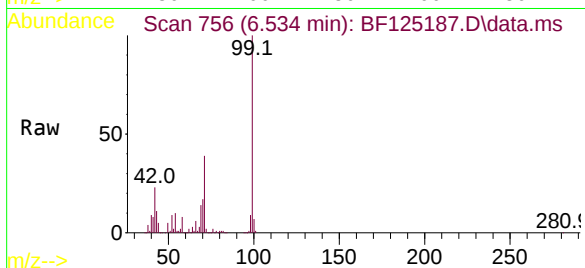
71 38.5 25.6 38.4#

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1-(150.00)



#19

n-Nitroso-di-n-propylamine

Concen: 11.409 ng

RT: 7.475 min Scan# 916

Delta R.T. 0.147 min

Lab File: BF125187.D

Acq: 24 Aug 2021 16:11

Tgt Ion: 70 Resp: 83295

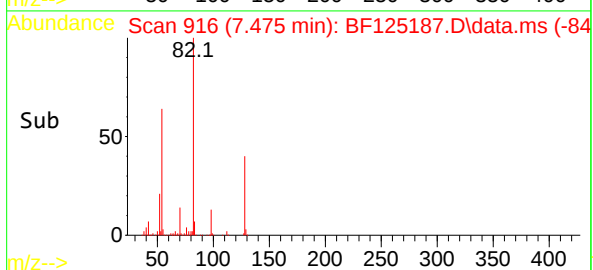
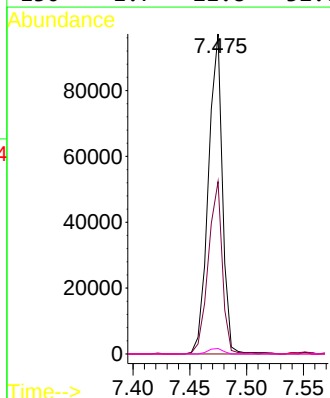
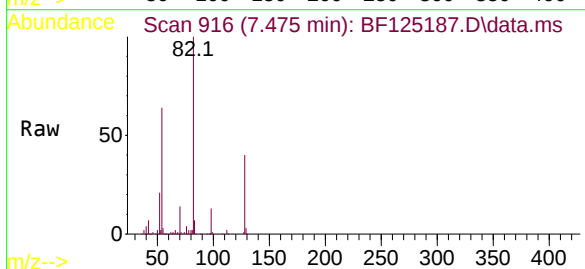
Ion Ratio Lower Upper

70 100

42 53.8 72.2 108.2#

101 0.0 7.8 11.8#

130 1.7 21.8 32.6#

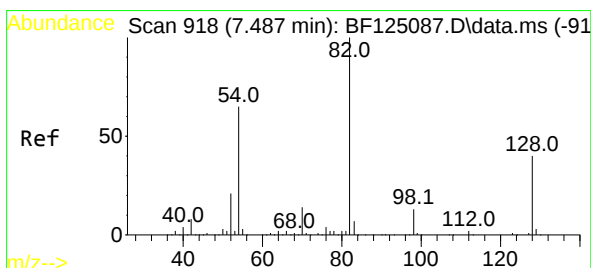
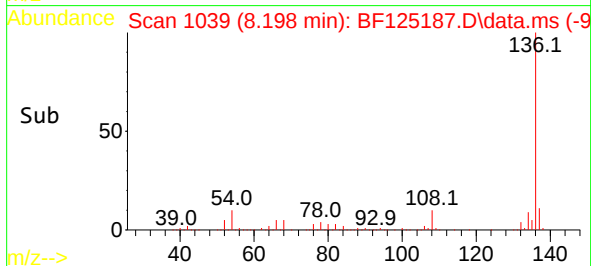
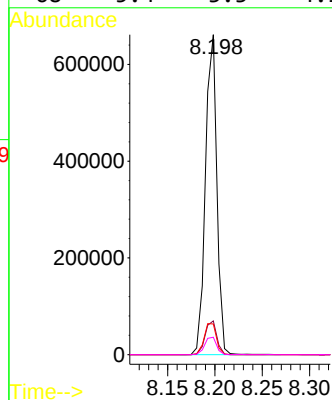
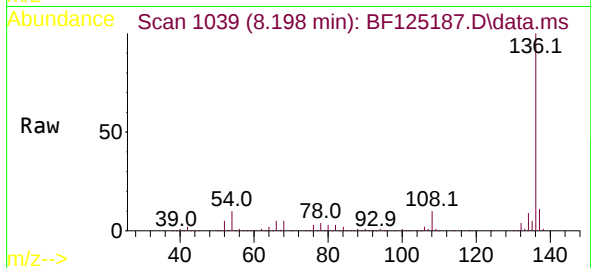




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

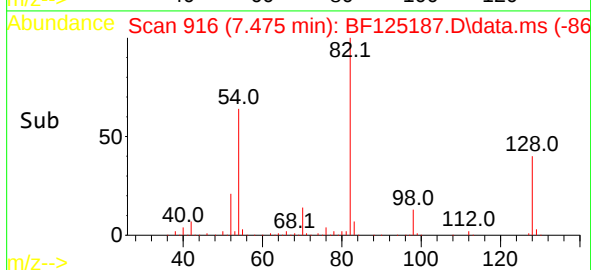
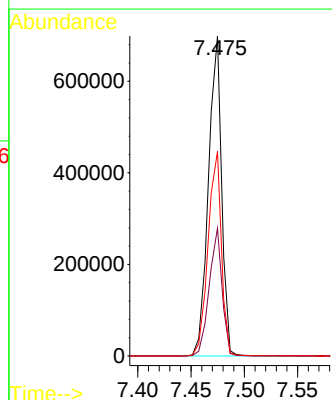
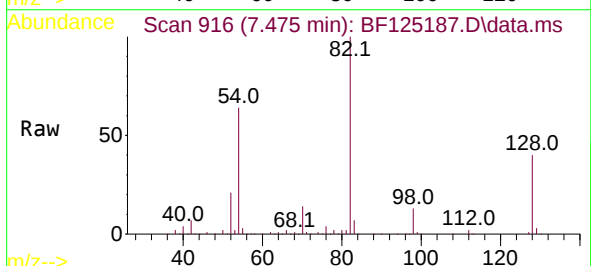
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-(150.00)

Tgt Ion:	136	Resp:	554644
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.8	14.6
54	9.6	6.4	9.6
68	5.4	3.3	4.9



#23
Nitrobenzene-d5
Concen: 54.883 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

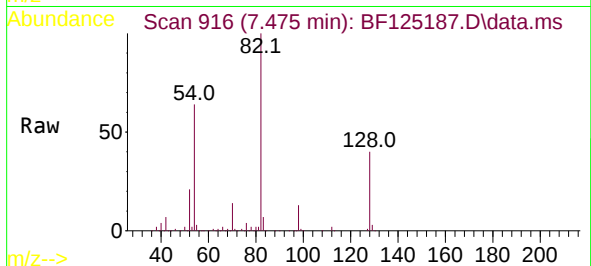
Tgt Ion:	82	Resp:	604654
Ion Ratio	Lower	Upper	
82	100		
128	39.9	40.6	60.8
54	63.9	49.6	74.4



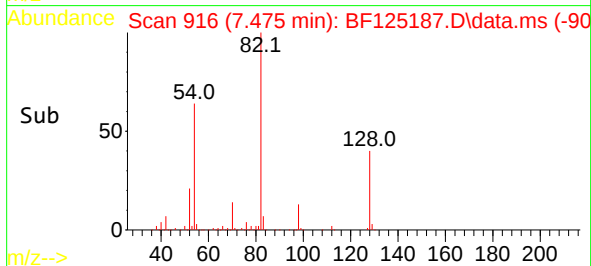
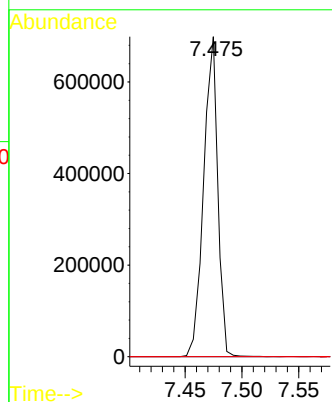


#25
Isophorone
Concen: 28.450 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-(150.00)

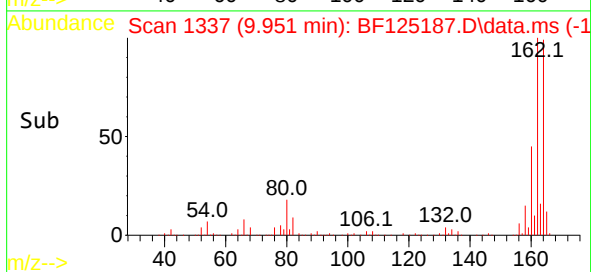
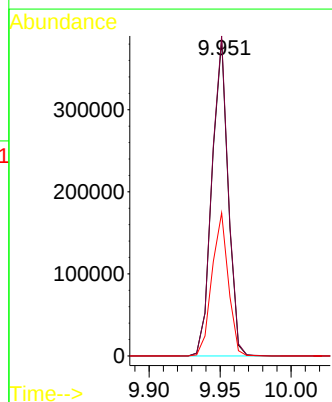
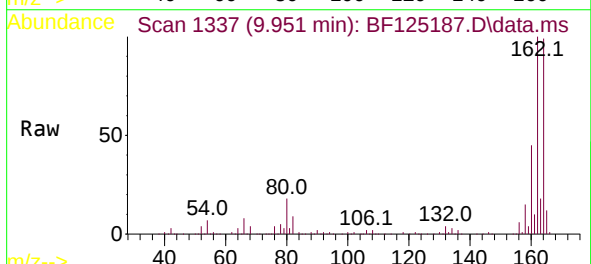


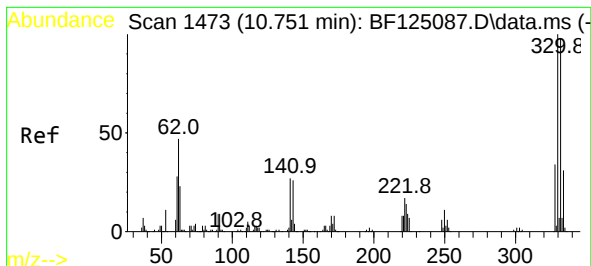
Tgt Ion: 82 Resp: 604647
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

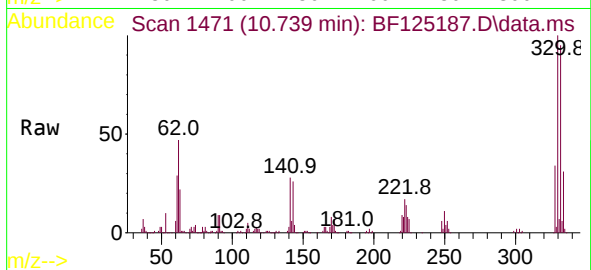
Tgt Ion: 164 Resp: 305302
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 45.2 38.0 57.0



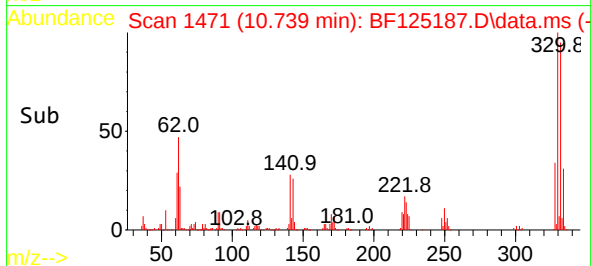
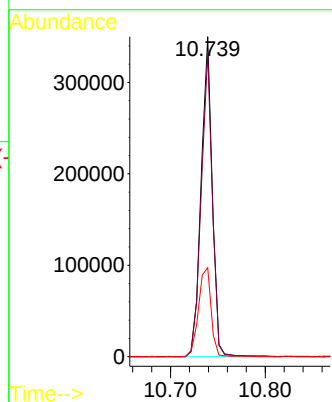


#42
2,4,6-Tribromophenol
Concen: 94.225 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-(150.00)

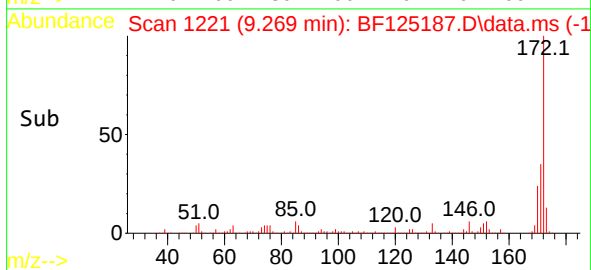
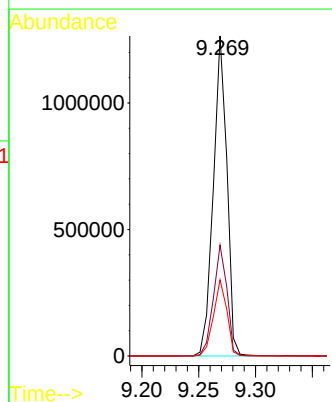
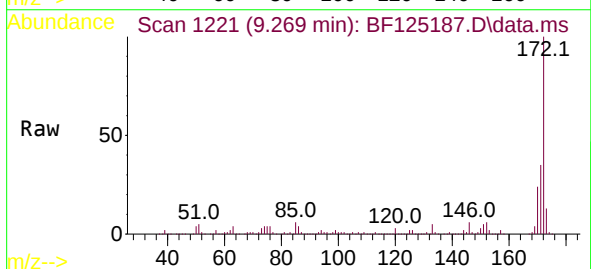


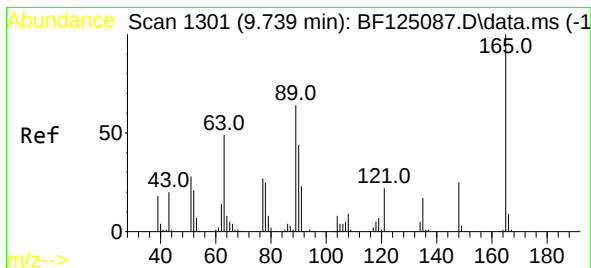
Tgt Ion: 330 Resp: 287158
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 31.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 47.916 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

Tgt Ion: 172 Resp: 1049618
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.8 18.8 28.2

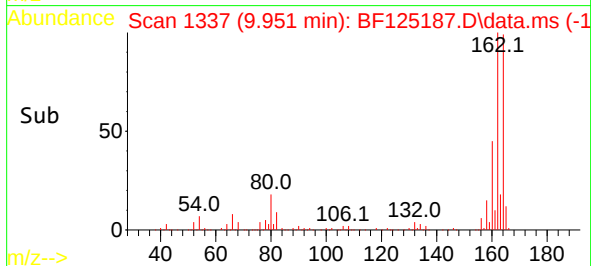
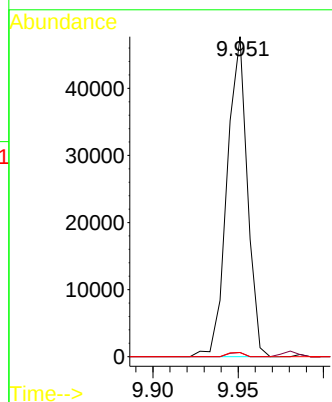
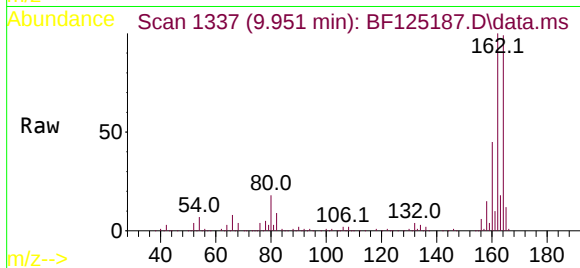




#51
2,6-Dinitrotoluene
Concen: 8.590 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

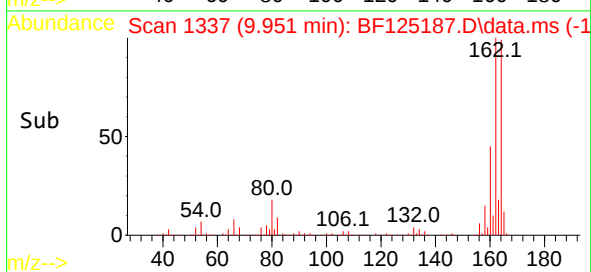
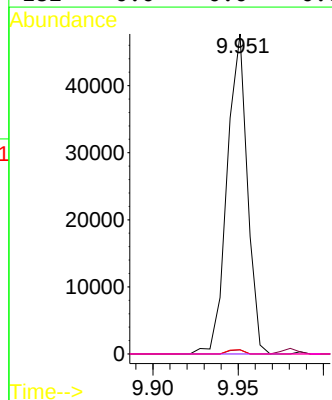
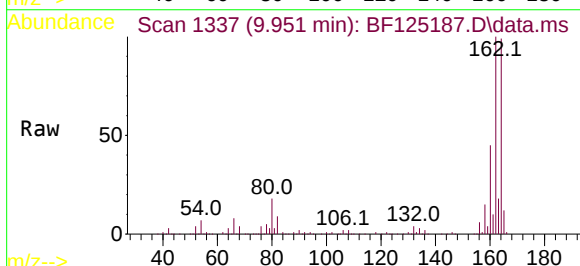
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ClientSampleId :
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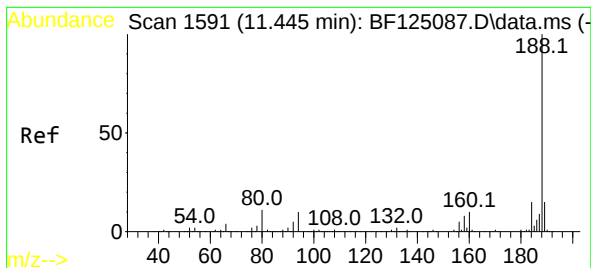
Tgt Ion:165 Resp: 39407
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.097 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

Tgt Ion:165 Resp: 39407
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

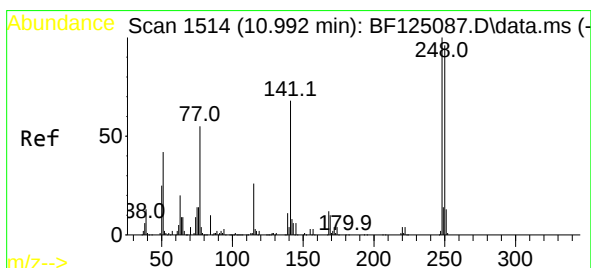
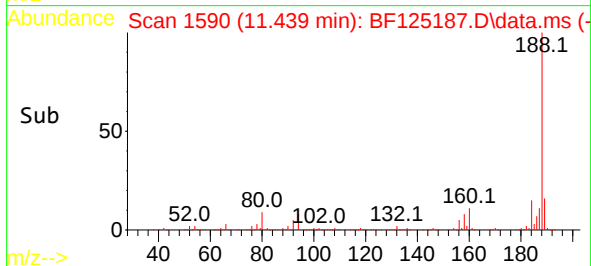
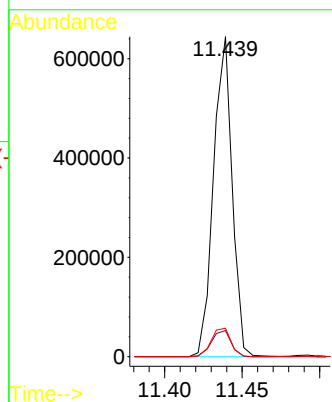
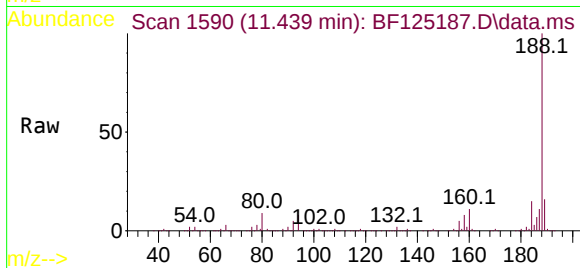




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

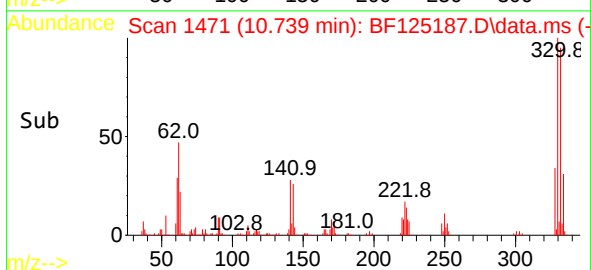
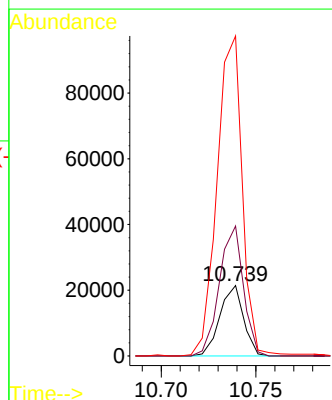
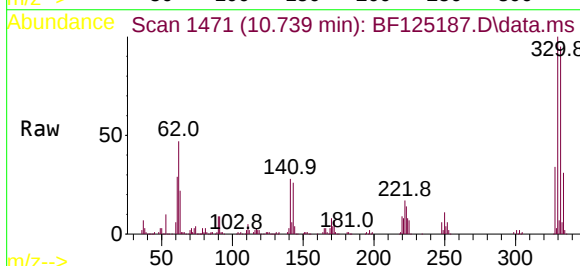
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-(150.00)

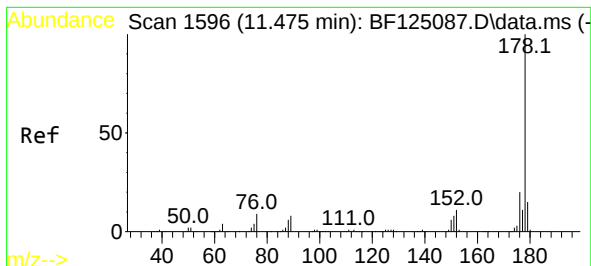
Tgt Ion:188 Resp: 538132
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.887 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

Tgt Ion:248 Resp: 18655
Ion Ratio Lower Upper
248 100
250 184.4 74.2 111.4#
141 454.2 60.4 90.6#

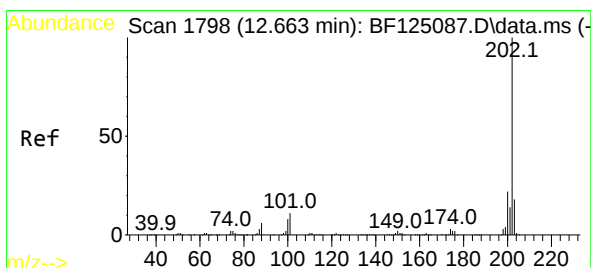
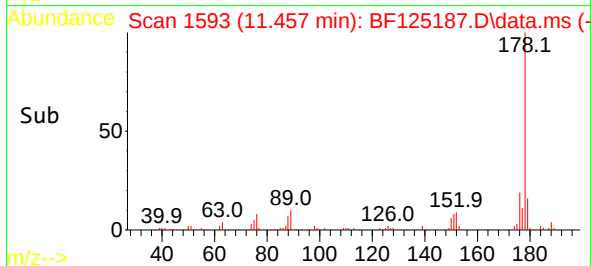
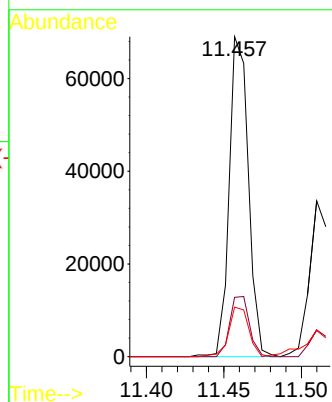
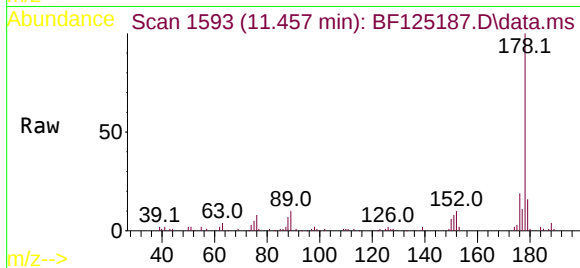




#71
Phenanthrene
Concen: 2.004 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

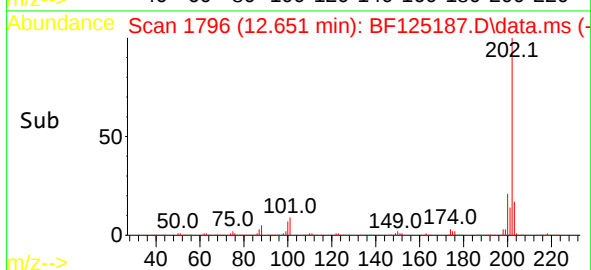
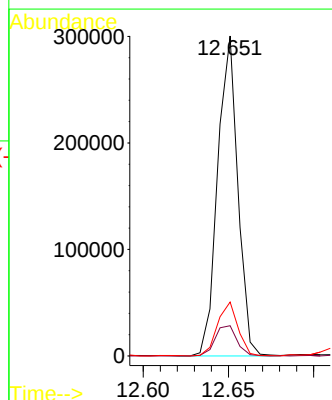
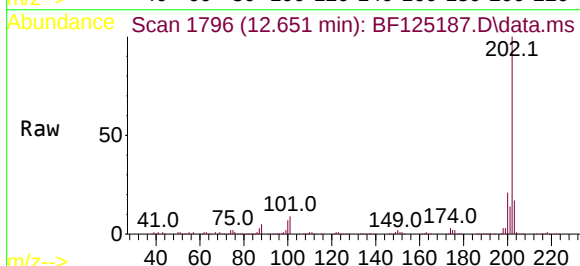
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-(150.00)

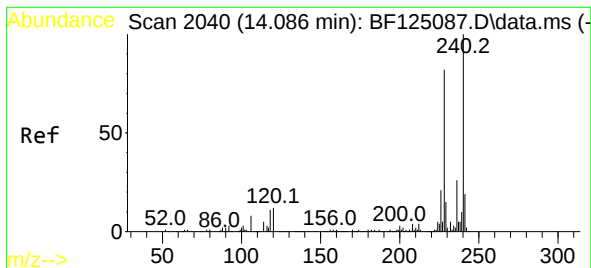
Tgt Ion:178 Resp: 59419
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.5 11.5 17.3



#75
Fluoranthene
Concen: 8.426 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

Tgt Ion:202 Resp: 247910
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.7
203 16.8 0.0 36.3

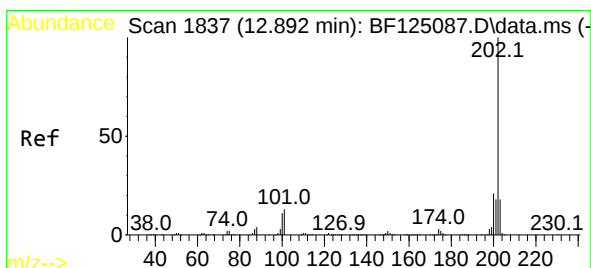
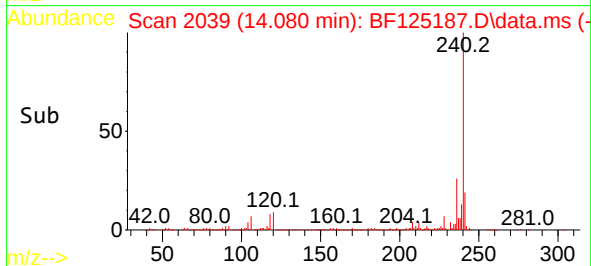
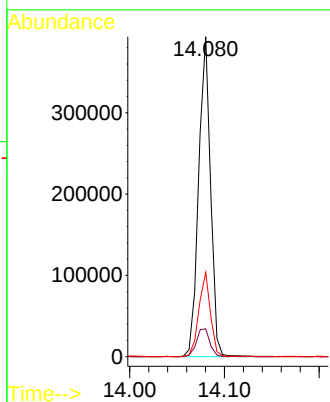
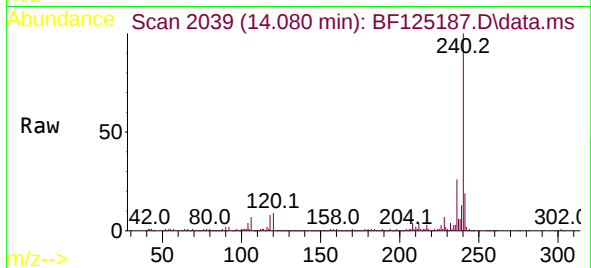




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

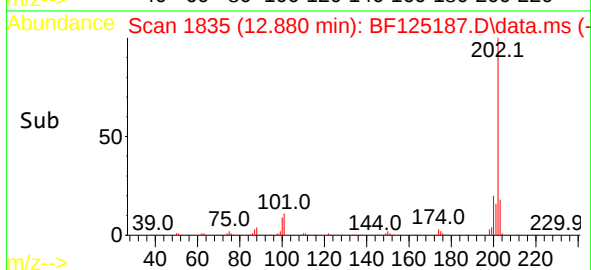
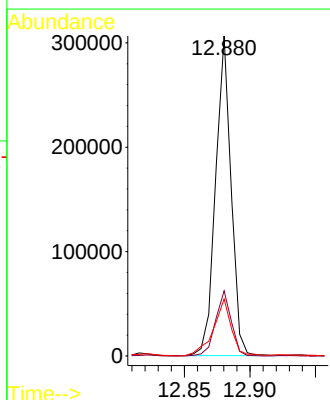
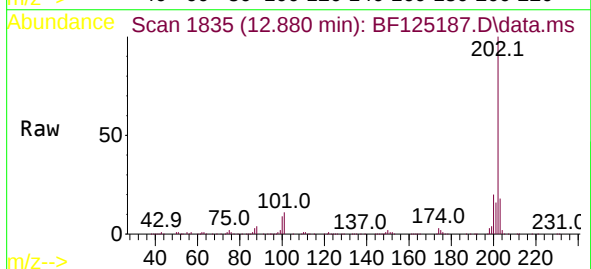
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-(150.00)

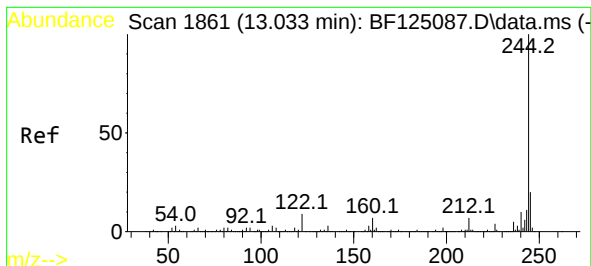
Tgt Ion:240 Resp: 343744
Ion Ratio Lower Upper
240 100
120 8.7 10.8 16.2#
236 26.3 21.6 32.4



#78
Pyrene
Concen: 8.516 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

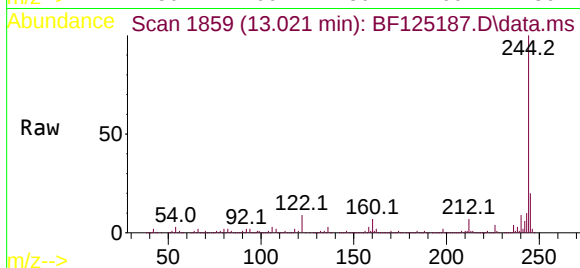
Tgt Ion:202 Resp: 251113
Ion Ratio Lower Upper
202 100
200 20.4 15.3 22.9
203 17.8 13.4 20.0



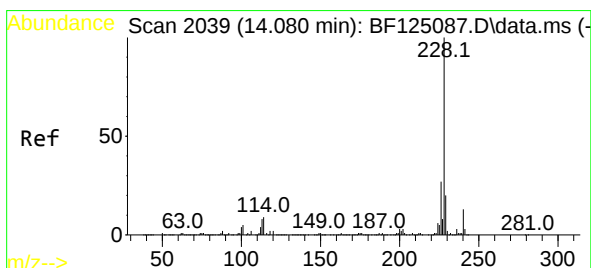
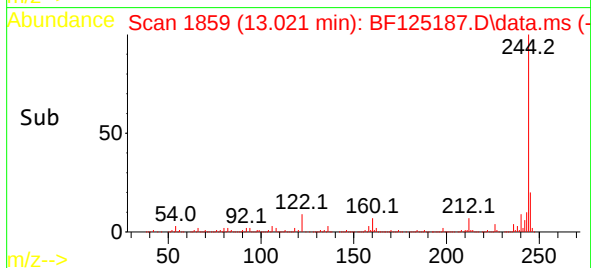
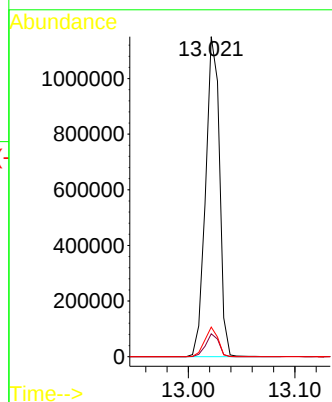


#79
Terphenyl-d14
Concen: 48.447 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-(150.00)

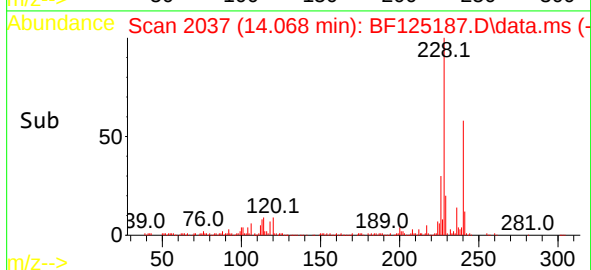
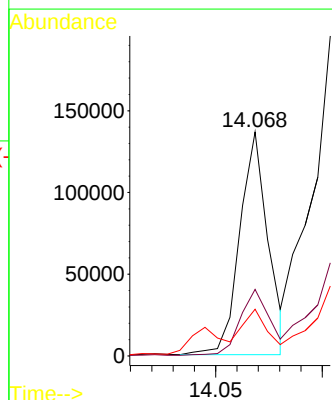
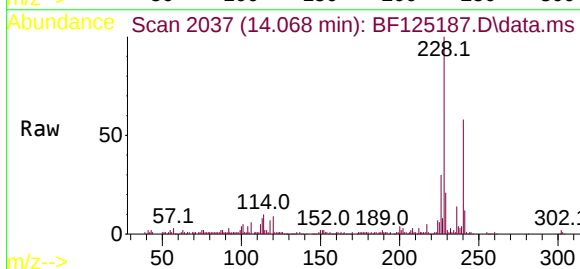


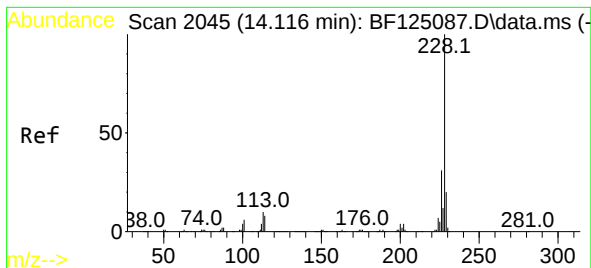
Tgt Ion:244 Resp: 1045347
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 9.3 9.0 13.4



#81
Benzo(a)anthracene
Concen: 5.072 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

Tgt Ion:228 Resp: 125631
Ion Ratio Lower Upper
228 100
226 29.7 21.6 32.4
229 20.9 15.6 23.4





#83

Chrysene

Concen: 8.306 ng

RT: 14.104 min Scan# 2043

Delta R.T. -0.006 min

Lab File: BF125187.D

Acq: 24 Aug 2021 16:11

Tgt Ion:228 Resp: 203449

Ion Ratio Lower Upper

228 100

226 29.1 22.6 34.0

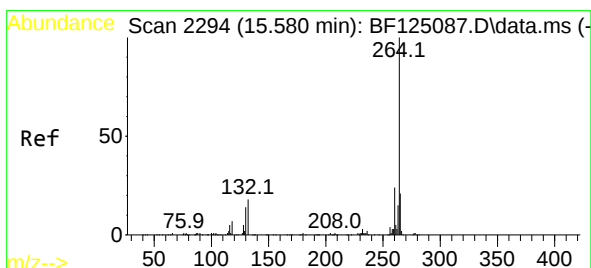
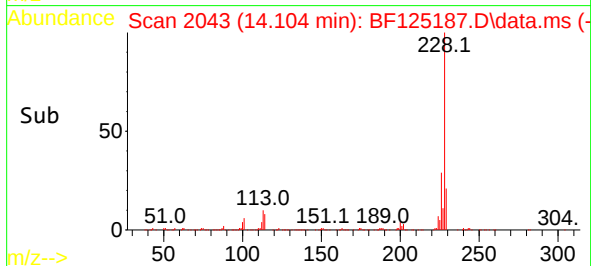
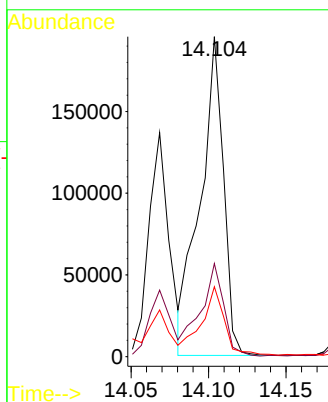
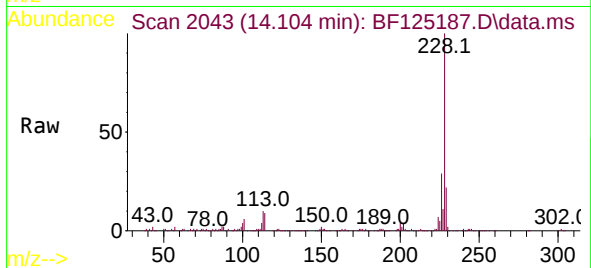
229 21.9 15.9 23.9

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1-(150.00)



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2293

Delta R.T. 0.000 min

Lab File: BF125187.D

Acq: 24 Aug 2021 16:11

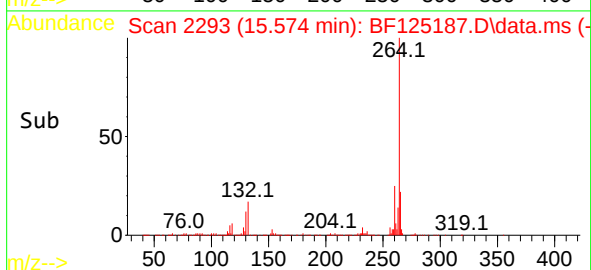
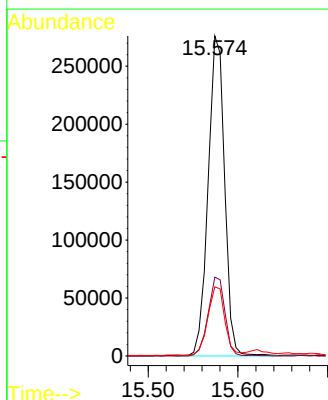
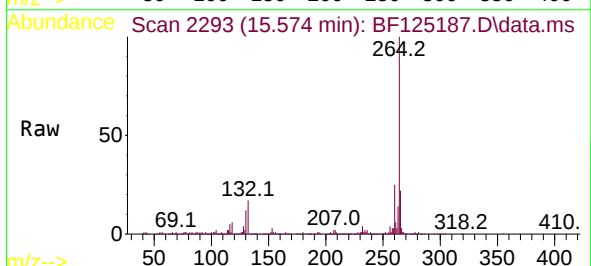
Tgt Ion:264 Resp: 352568

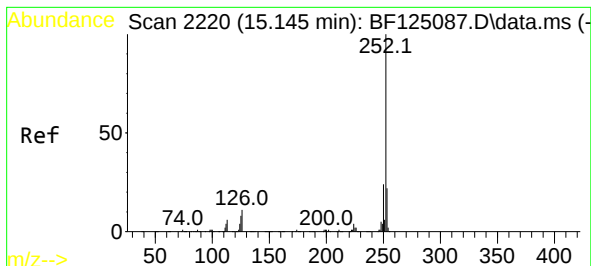
Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

265 21.6 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 15.738 ng

RT: 15.133 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BF125187.D

Acq: 24 Aug 2021 16:11

Tgt Ion:252 Resp: 405380

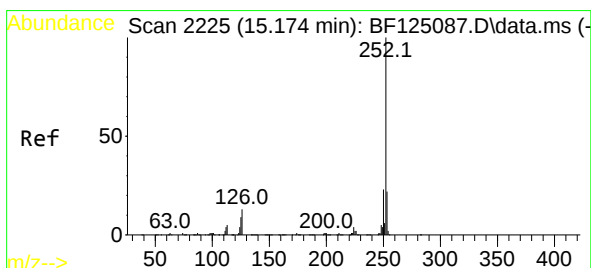
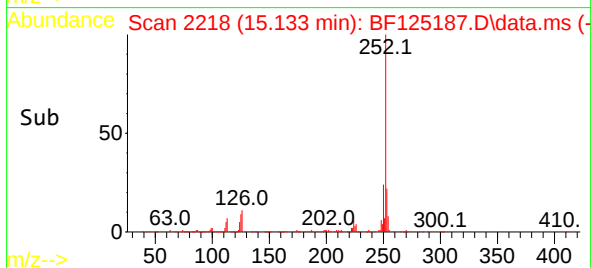
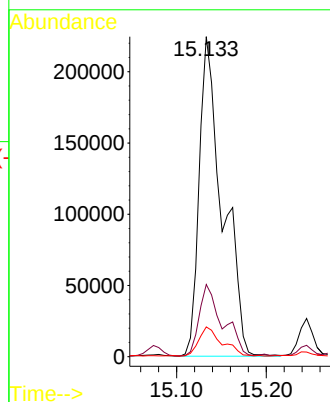
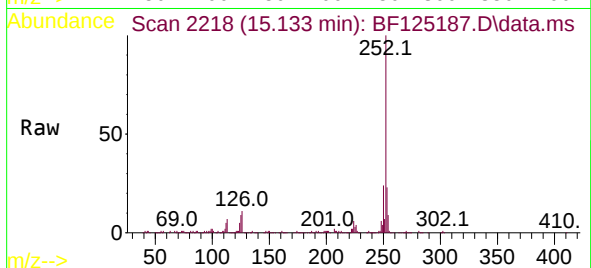
Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.8	25.2
125	9.3	9.8	14.8#

Instrument :

BNA_F

ClientSampleId :

SAMPLE-1-(150.00)



#89

Benzo(k)fluoranthene

Concen: 16.866 ng

RT: 15.133 min Scan# 2218

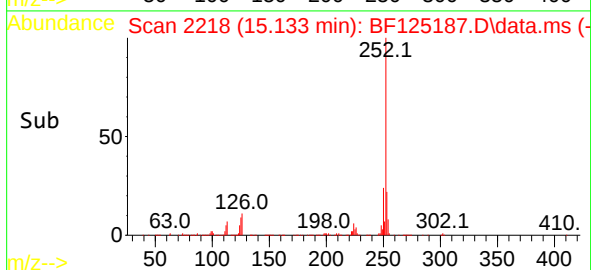
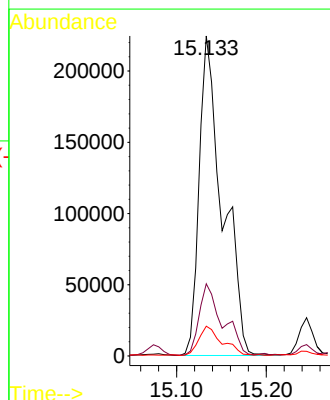
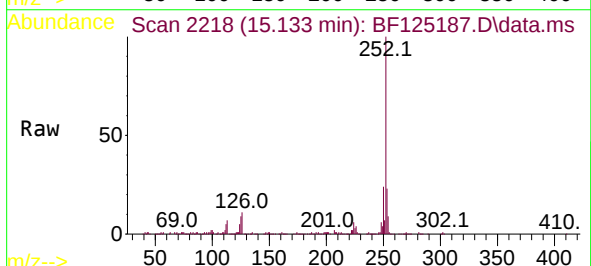
Delta R.T. -0.035 min

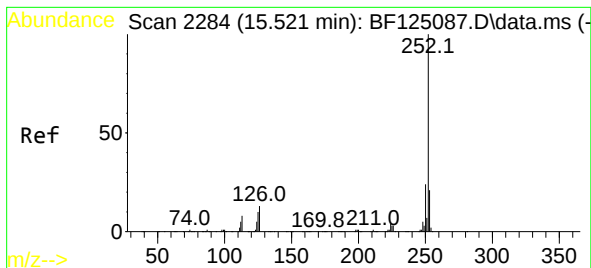
Lab File: BF125187.D

Acq: 24 Aug 2021 16:11

Tgt Ion:252 Resp: 405380

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	9.3	7.2	10.8

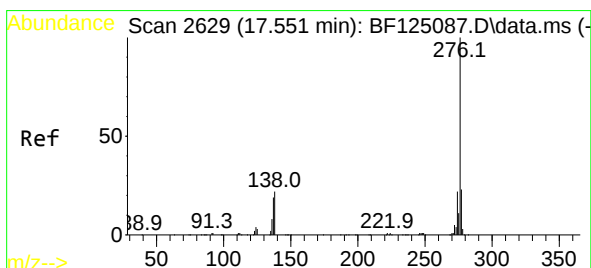
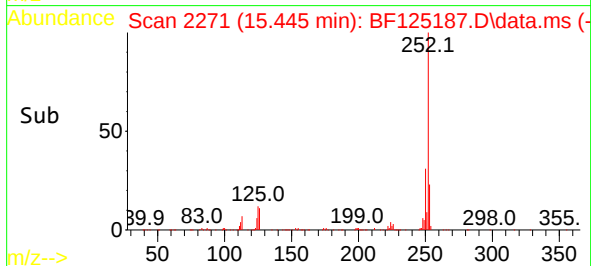
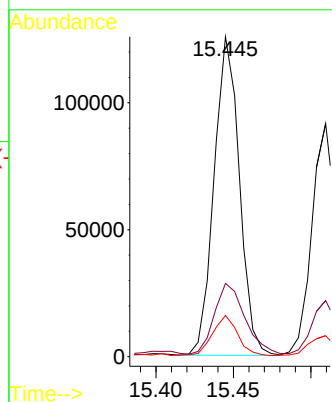
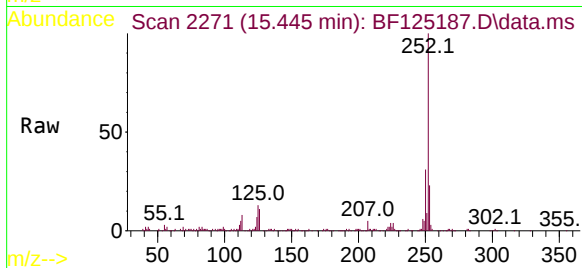




#90
Benzo(a)pyrene
Concen: 6.261 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.070 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-(150.00)

Tgt Ion:252 Resp: 142449
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 12.9 9.9 14.9



#92
Benzo(g,h,i)perylene
Concen: 4.393 ng
RT: 17.533 min Scan# 2626
Delta R.T. -0.018 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

Tgt Ion:276 Resp: 92995
Ion Ratio Lower Upper
276 100
277 25.4 22.0 33.0
138 19.8 22.2 33.4#

