

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082721\
 Data File : BF125257.D
 Acq On : 27 Aug 2021 16:58
 Operator : JU/CG
 Sample : M3557-01 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-082621

Quant Time: Aug 27 17:41:07 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)

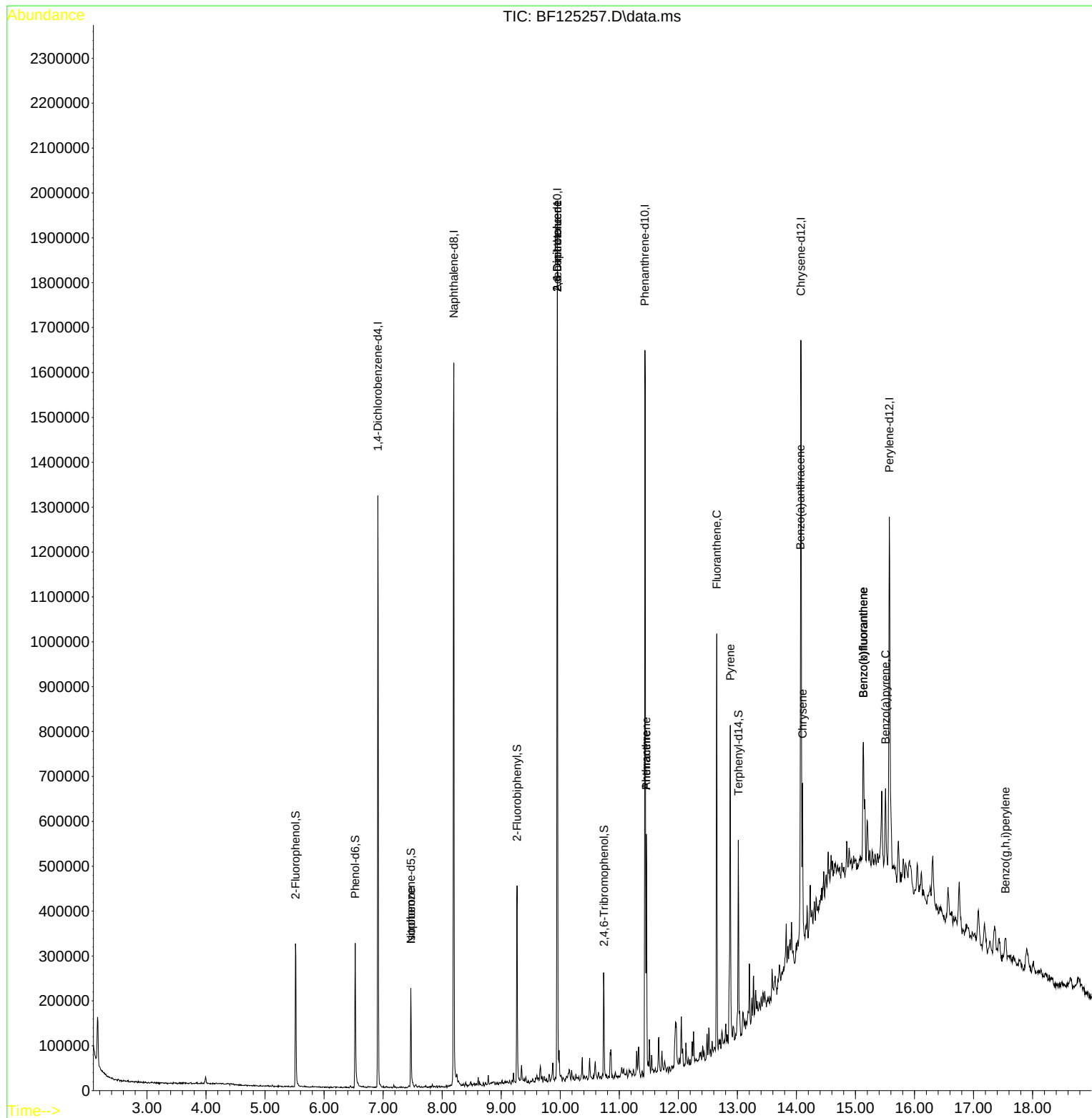
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	189322	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	744304	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	391998	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	624070	20.000	ng	0.00
76) Chrysene-d12	14.074	240	439330	20.000	ng	0.00
86) Perylene-d12	15.574	264	375217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	92941	7.430	ng	-0.01
7) Phenol-d6	6.528	99	112531	6.956	ng	-0.01
23) Nitrobenzene-d5	7.469	82	70804	4.789	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	28151	7.194	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	152238	5.413	ng	0.00
79) Terphenyl-d14	13.015	244	136808	4.961	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.469	82	70803	2.482	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	51352	8.718	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	51352	7.203	ng	# 19
71) Phenanthrene	11.457	178	194732	5.663	ng	98
72) Anthracene	11.457	178	194732	5.745	ng	98
75) Fluoranthene	12.651	202	357337	10.473	ng	98
78) Pyrene	12.880	202	269290	7.146	ng	96
81) Benzo(a)anthracene	14.068	228	118684	3.749	ng	97
83) Chrysene	14.104	228	149152	4.765	ng	96
88) Benzo(b)fluoranthene	15.133	252	208319	7.599	ng	96
89) Benzo(k)fluoranthene	15.133	252	208319	8.144	ng	# 95
90) Benzo(a)pyrene	15.509	252	92357	3.814	ng	96
92) Benzo(g,h,i)perylene	17.539	276	45501	2.020	ng	94

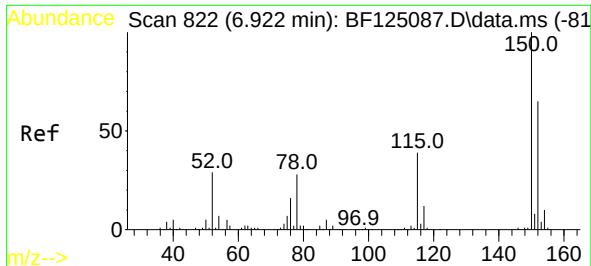
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082721\
Data File : BF125257.D
Acq On : 27 Aug 2021 16:58
Operator : JU/CG
Sample : M3557-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-082621

Quant Time: Aug 27 17:41:07 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

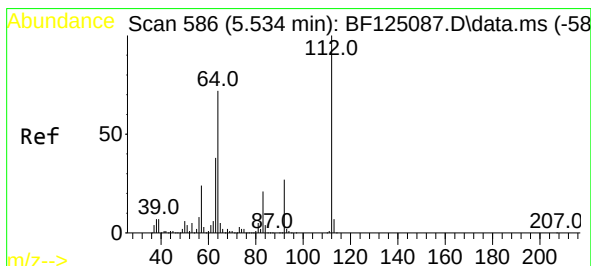
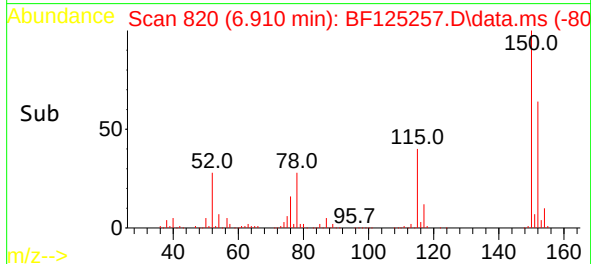
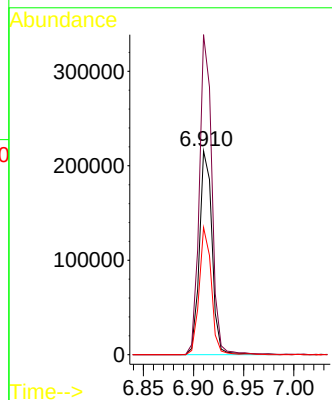
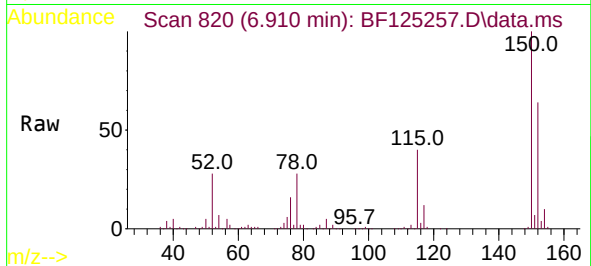




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125257.D
Acq: 27 Aug 2021 16:58

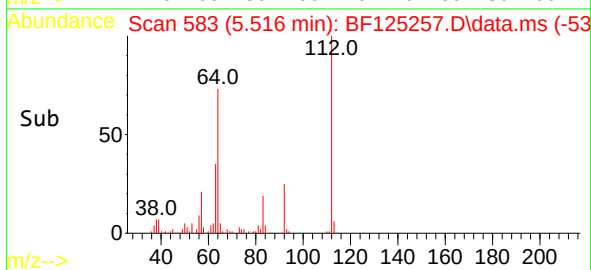
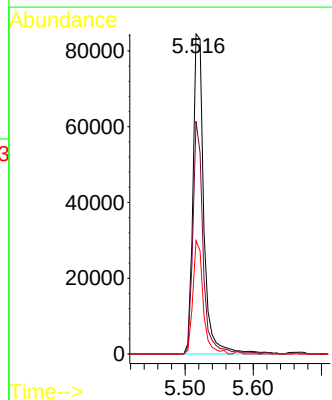
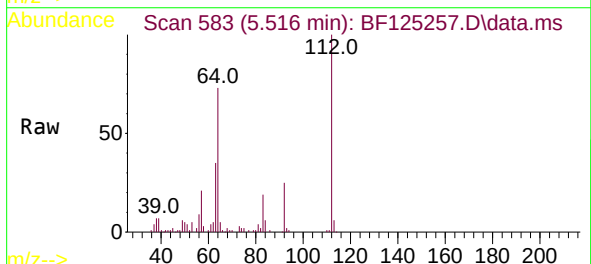
Instrument :
BNA_F
ClientSampleId :
OK-02-082621

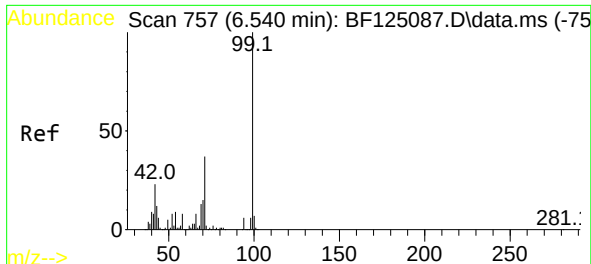
Tgt Ion:152 Resp: 189322
Ion Ratio Lower Upper
152 100
150 157.0 117.6 176.4
115 62.4 47.1 70.7



#5
2-Fluorophenol
Concen: 7.430 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.012 min
Lab File: BF125257.D
Acq: 27 Aug 2021 16:58

Tgt Ion:112 Resp: 92941
Ion Ratio Lower Upper
112 100
64 72.7 44.2 66.2#
63 35.4 26.2 39.2

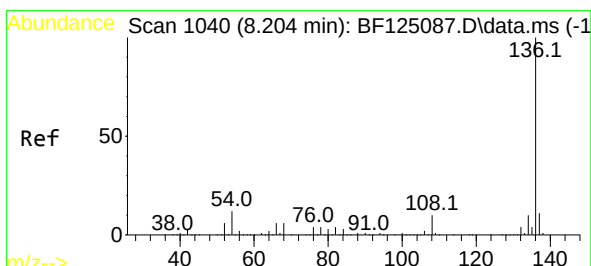
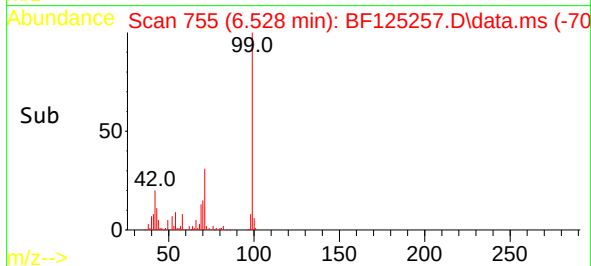
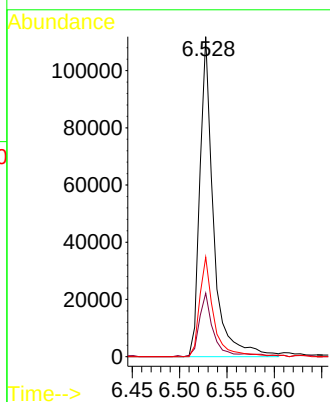
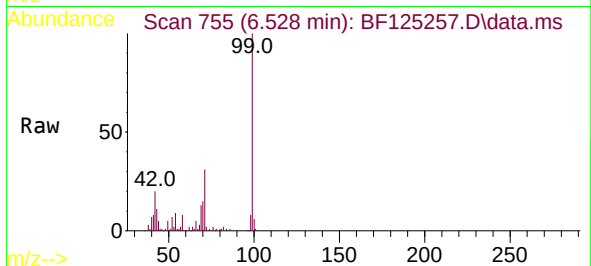




#7
Phenol-d6
Concen: 6.956 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF125257.D
Acq: 27 Aug 2021 16:58

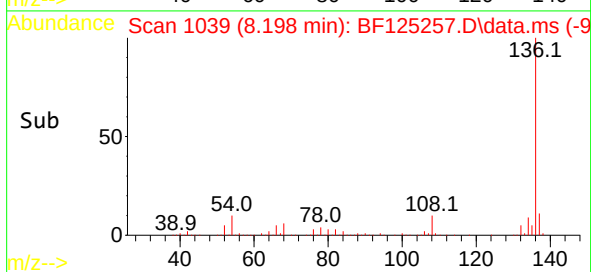
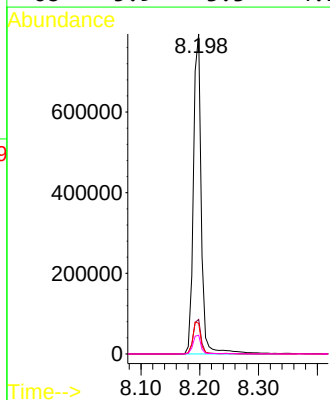
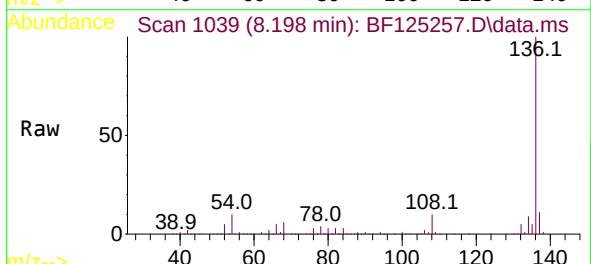
Instrument :
BNA_F
ClientSampleId :
OK-02-082621

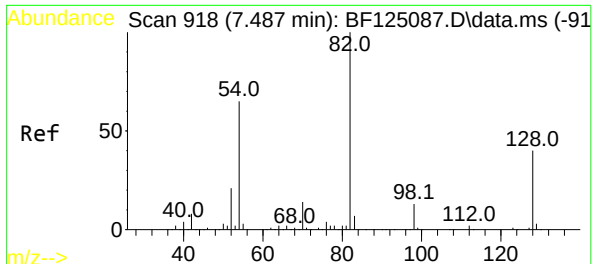
Tgt Ion: 99 Resp: 112531
Ion Ratio Lower Upper
99 100
42 19.9 23.5 35.3#
71 31.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF125257.D
Acq: 27 Aug 2021 16:58

Tgt Ion: 136 Resp: 744304
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 9.6 6.4 9.6
68 5.9 3.3 4.9#

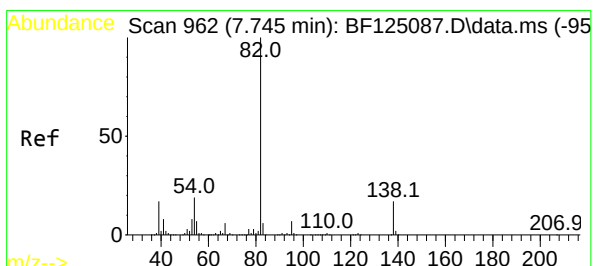
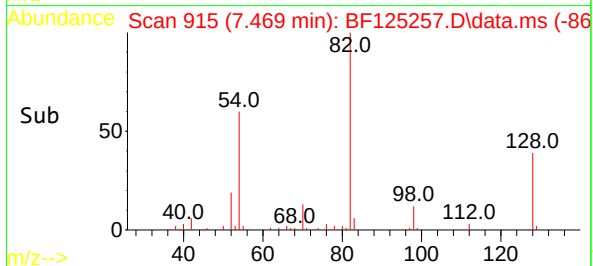
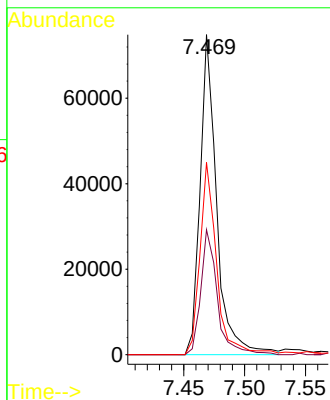
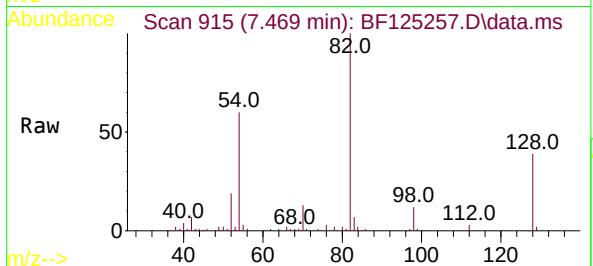




#23
Nitrobenzene-d5
Concen: 4.789 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125257.D
Acq: 27 Aug 2021 16:58

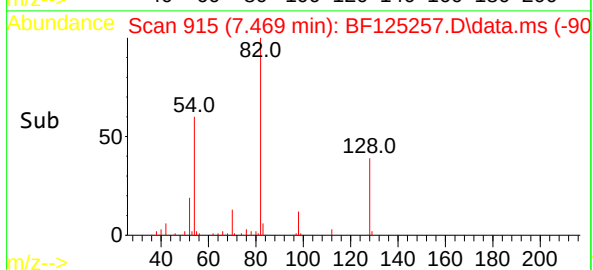
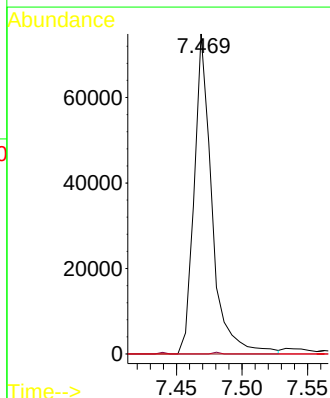
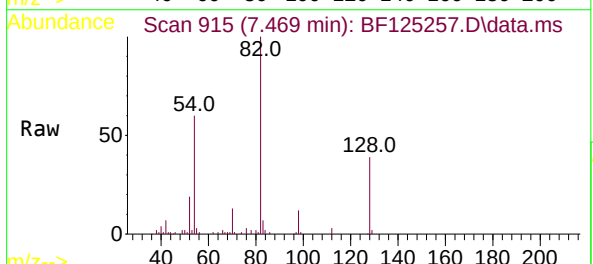
Instrument :
BNA_F
ClientSampleId :
OK-02-082621

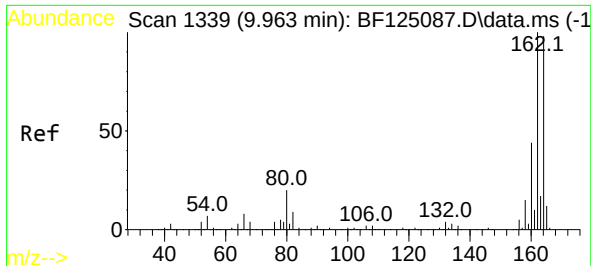
Tgt Ion: 82 Resp: 70804
Ion Ratio Lower Upper
82 100
128 39.0 40.6 60.8#
54 60.0 49.6 74.4



#25
Isophorone
Concen: 2.482 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.265 min
Lab File: BF125257.D
Acq: 27 Aug 2021 16:58

Tgt Ion: 82 Resp: 70803
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

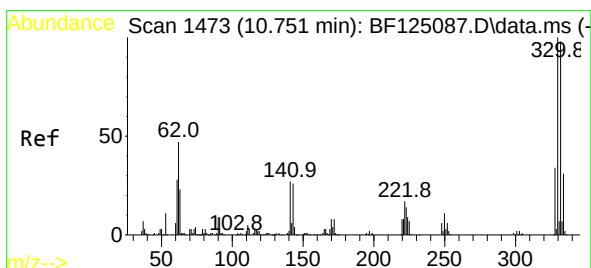
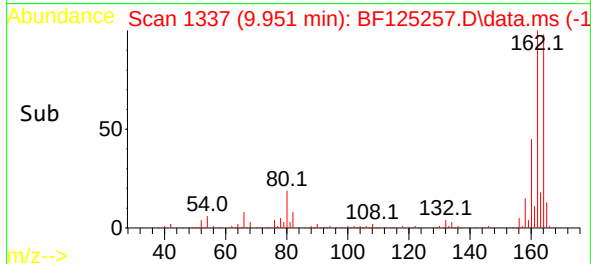
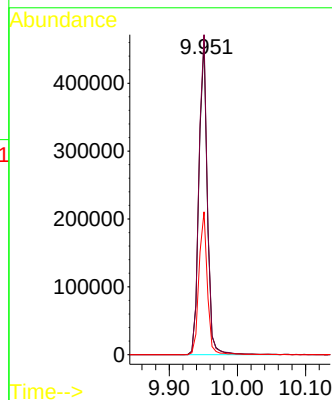
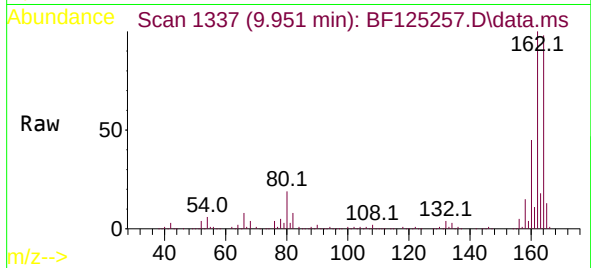




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF125257.D
Acq: 27 Aug 2021 16:58

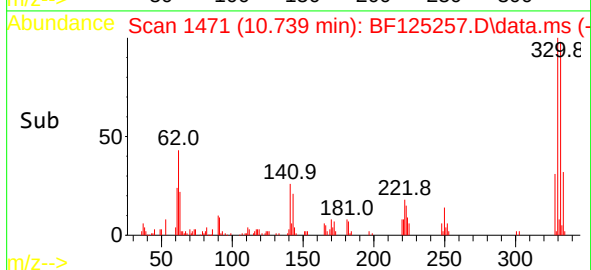
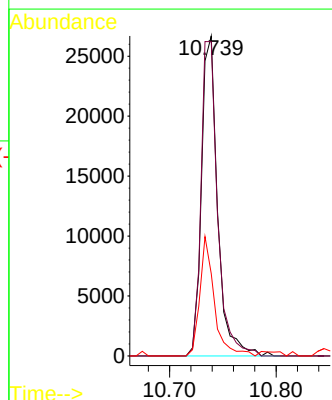
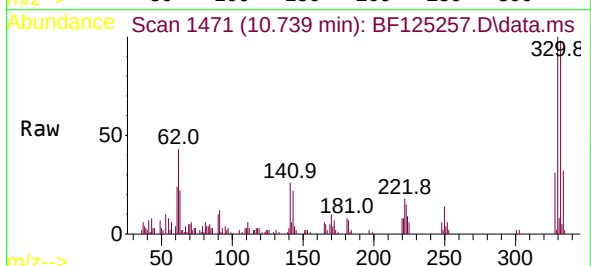
Instrument :
BNA_F
ClientSampleId :
OK-02-082621

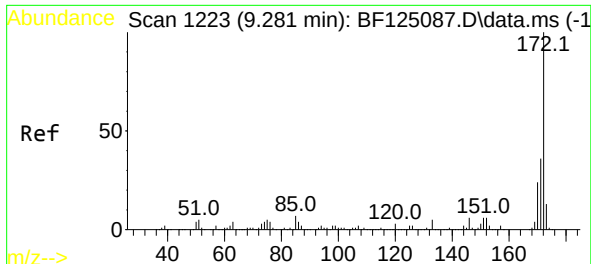
Tgt Ion:164 Resp: 391998
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 45.8 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 7.194 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125257.D
Acq: 27 Aug 2021 16:58

Tgt Ion:330 Resp: 28151
Ion Ratio Lower Upper
330 100
332 101.1 76.2 114.4
141 33.4 44.6 66.8#

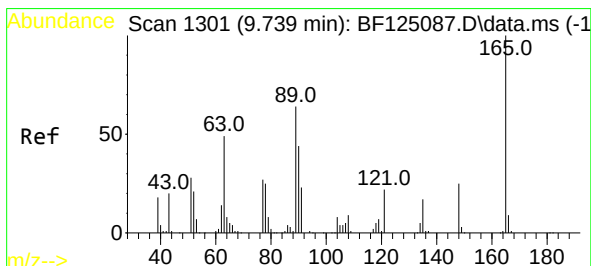
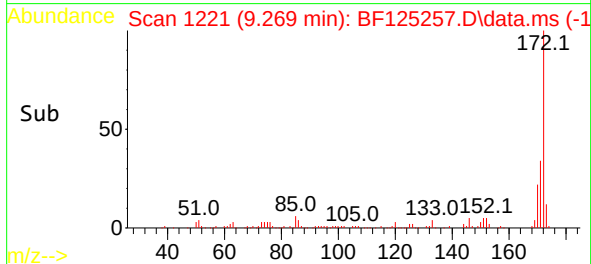
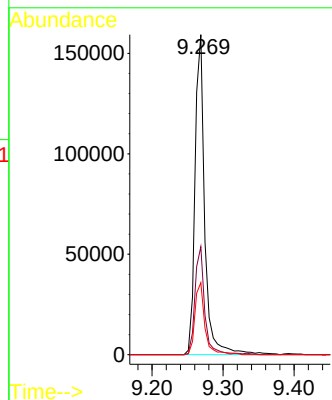
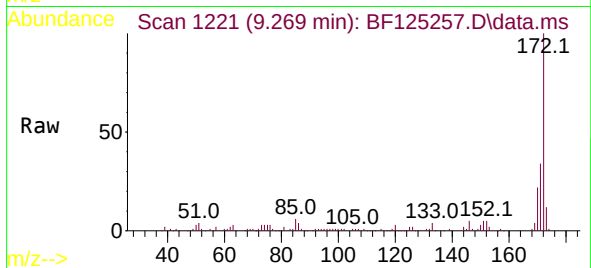




#45
2-Fluorobiphenyl
Concen: 5.413 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125257.D
Acq: 27 Aug 2021 16:58

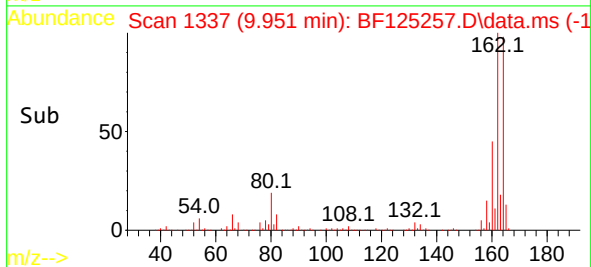
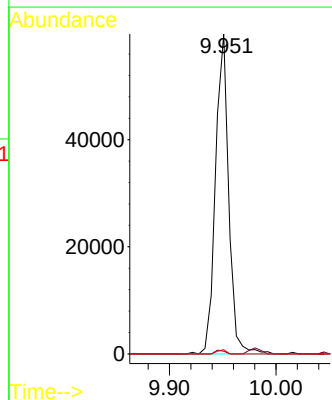
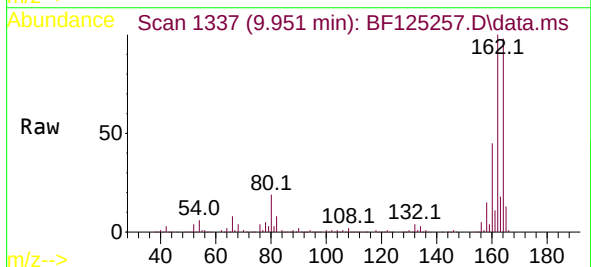
Instrument :
BNA_F
ClientSampleId :
OK-02-082621

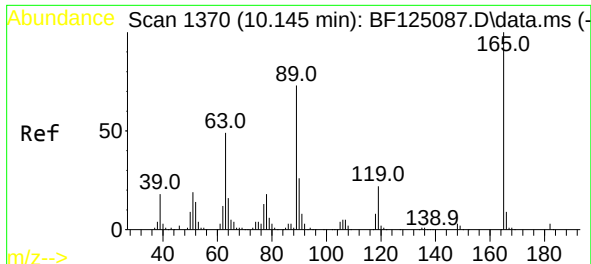
Tgt Ion:172 Resp: 152238
Ion Ratio Lower Upper
172 100
171 33.8 26.5 39.7
170 22.5 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.718 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125257.D
Acq: 27 Aug 2021 16:58

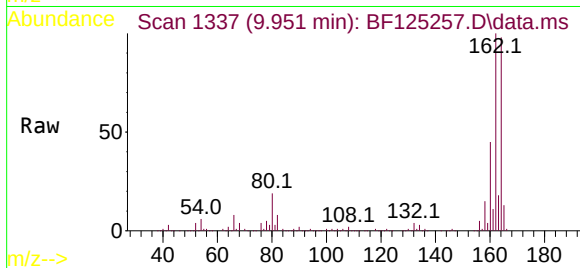
Tgt Ion:165 Resp: 51352
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.3 40.6 60.8#



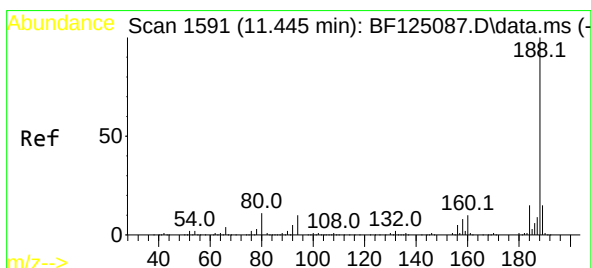
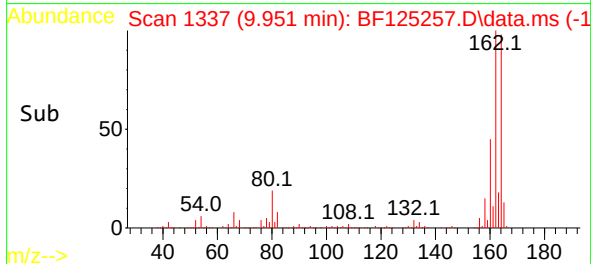
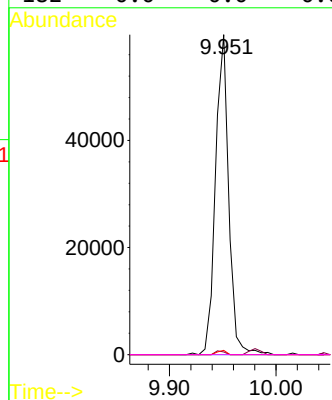


#57
2,4-Dinitrotoluene
Concen: 7.203 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125257.D
Acq: 27 Aug 2021 16:58

Instrument :
BNA_F
ClientSampleId :
OK-02-082621

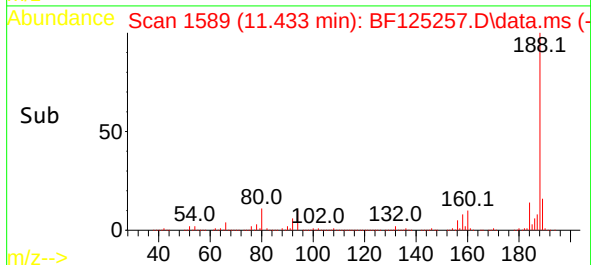
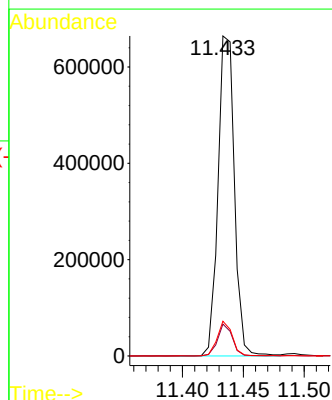
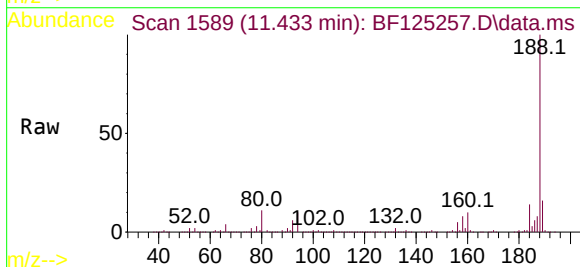


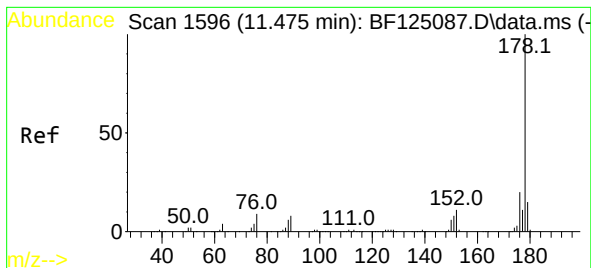
Tgt Ion:	165	Resp:	51352
Ion Ratio	Lower	Upper	
165	100		
63	0.9	40.9	61.3#
89	1.3	59.7	89.5#
182	0.0	0.0	0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125257.D
Acq: 27 Aug 2021 16:58

Tgt Ion:	188	Resp:	624070
Ion Ratio	Lower	Upper	
188	100		
94	9.9	6.7	10.1
80	10.8	7.5	11.3

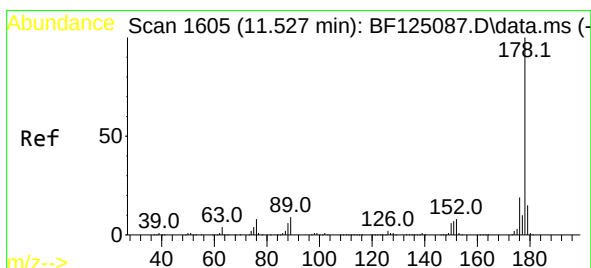
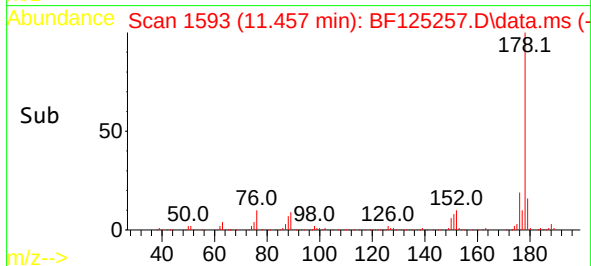
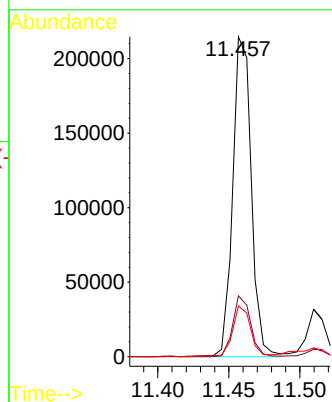
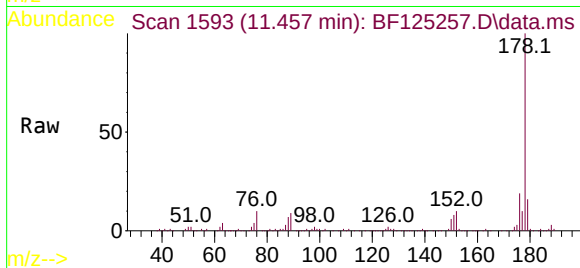




#71
Phenanthrene
Concen: 5.663 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF125257.D
Acq: 27 Aug 2021 16:58

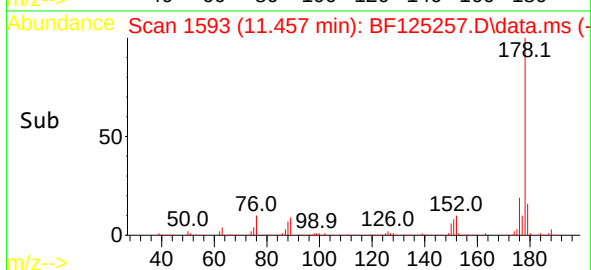
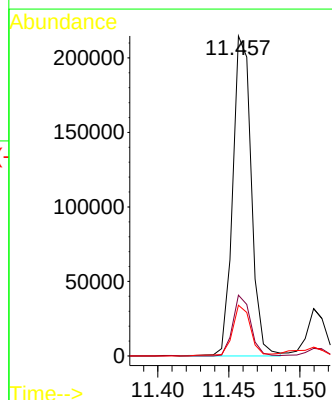
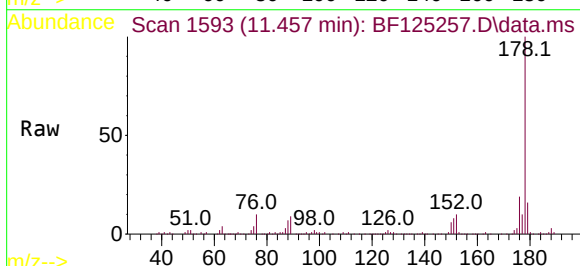
Instrument :
BNA_F
ClientSampleId :
OK-02-082621

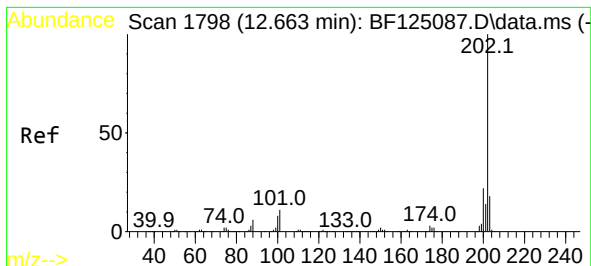
Tgt Ion:178 Resp: 194732
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.9 11.5 17.3



#72
Anthracene
Concen: 5.745 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.059 min
Lab File: BF125257.D
Acq: 27 Aug 2021 16:58

Tgt Ion:178 Resp: 194732
Ion Ratio Lower Upper
178 100
176 19.0 14.3 21.5
179 15.9 12.2 18.4

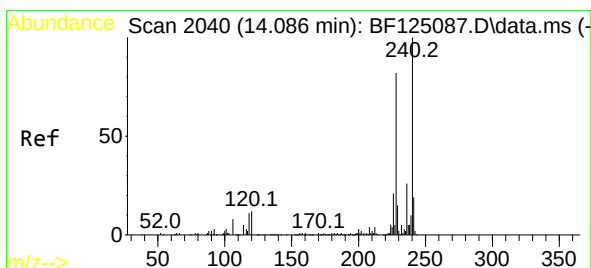
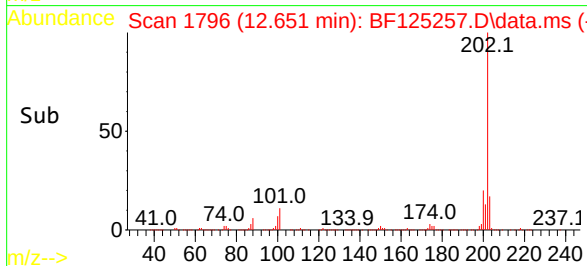
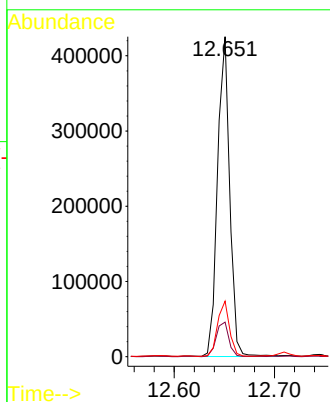
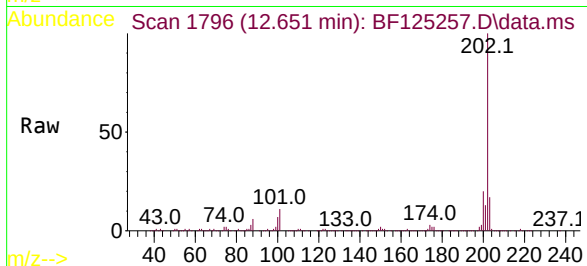




#75
Fluoranthene
Concen: 10.473 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF125257.D
Acq: 27 Aug 2021 16:58

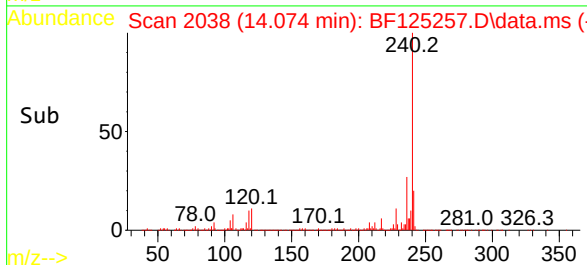
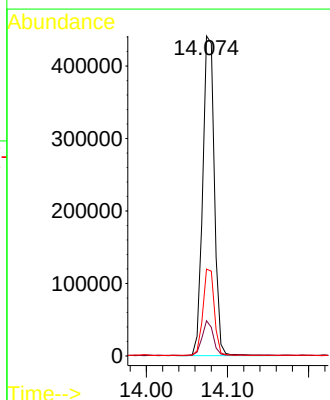
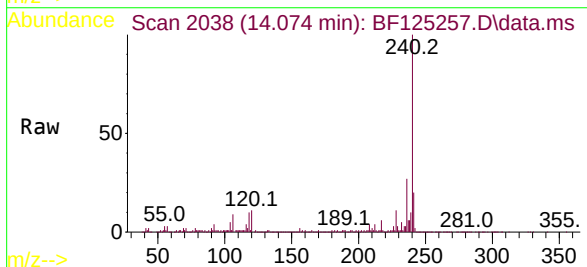
Instrument :
BNA_F
ClientSampleId :
OK-02-082621

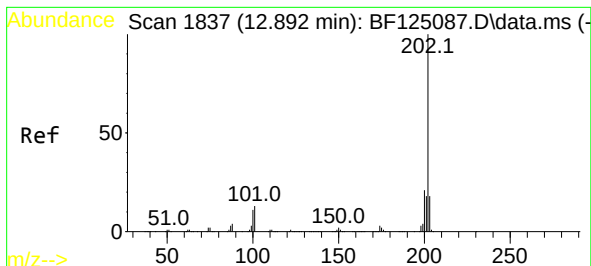
Tgt Ion:202 Resp: 357337
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.7
203 17.4 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125257.D
Acq: 27 Aug 2021 16:58

Tgt Ion:240 Resp: 439330
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 27.2 21.6 32.4





#78

Pyrene

Concen: 7.146 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF125257.D

Acq: 27 Aug 2021 16:58

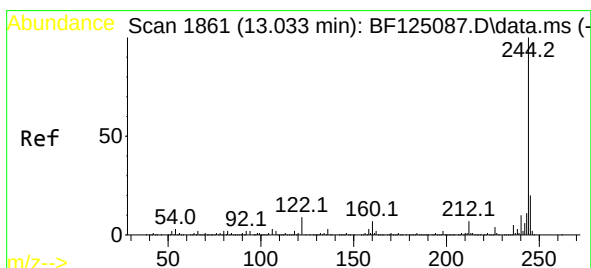
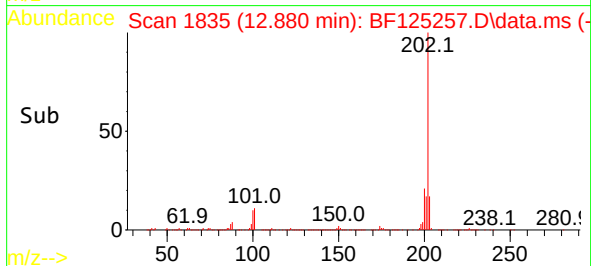
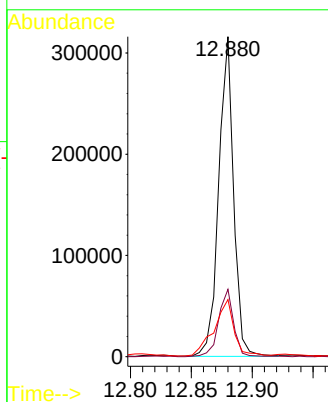
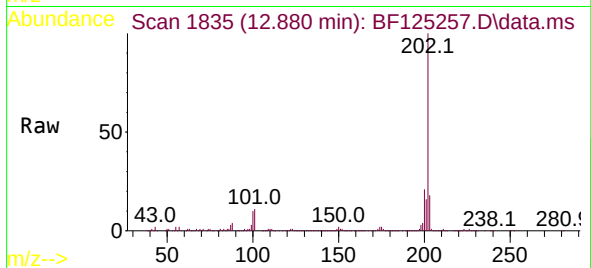
Tgt Ion:202 Resp: 269290

Ion Ratio Lower Upper

202 100

200 21.1 15.3 22.9

203 17.8 13.4 20.0



#79

Terphenyl-d14

Concen: 4.961 ng

RT: 13.015 min Scan# 1858

Delta R.T. -0.006 min

Lab File: BF125257.D

Acq: 27 Aug 2021 16:58

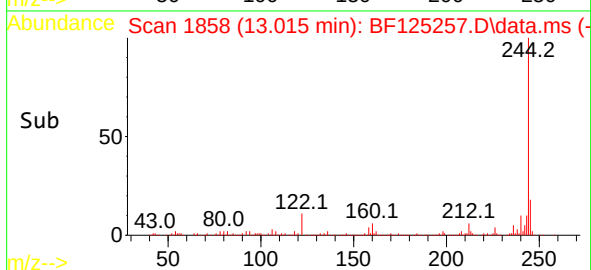
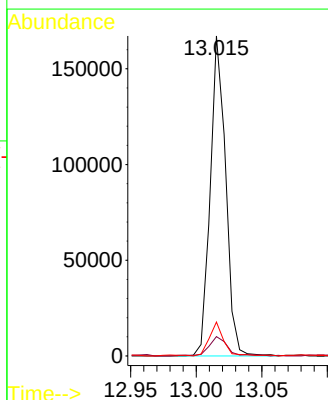
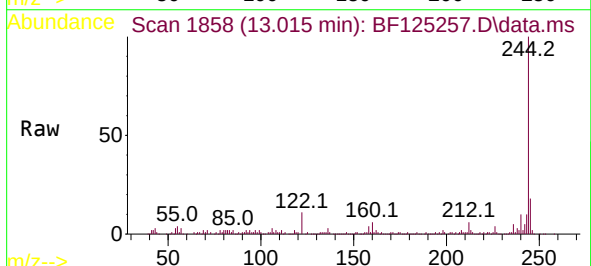
Tgt Ion:244 Resp: 136808

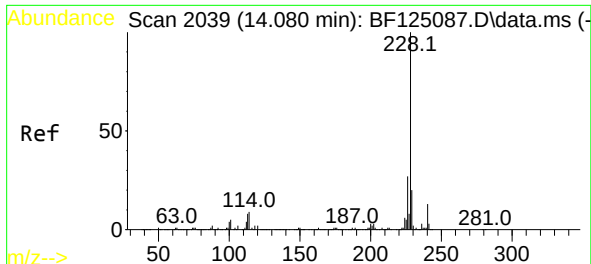
Ion Ratio Lower Upper

244 100

212 6.0 5.9 8.9

122 10.6 9.0 13.4

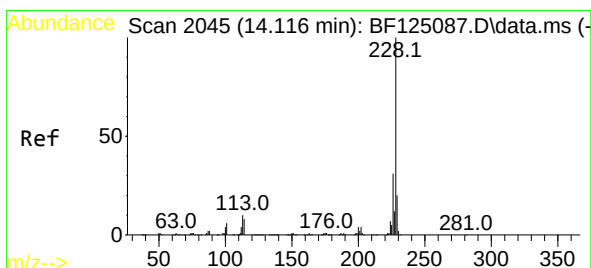
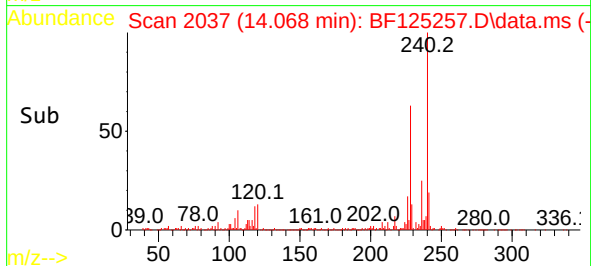
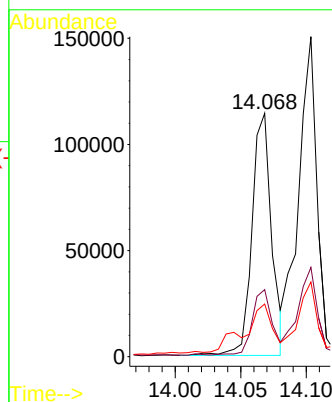
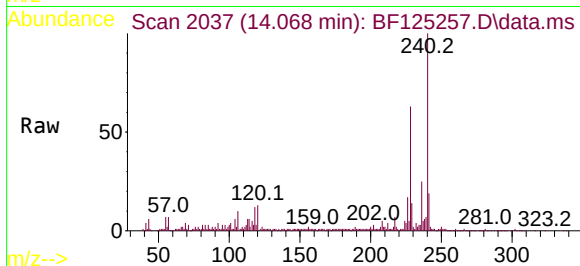




#81
Benzo(a)anthracene
Concen: 3.749 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF125257.D
Acq: 27 Aug 2021 16:58

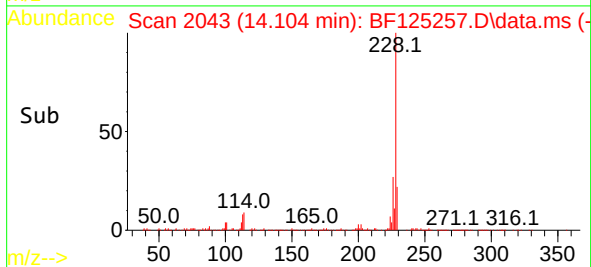
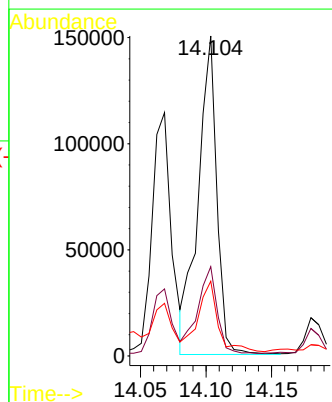
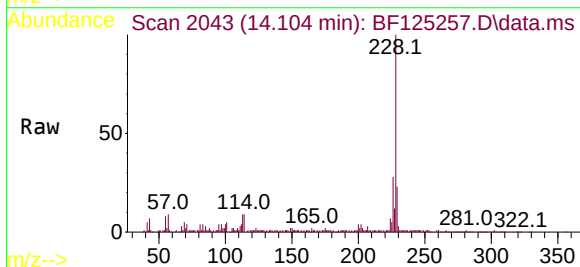
Instrument :
BNA_F
ClientSampleId :
OK-02-082621

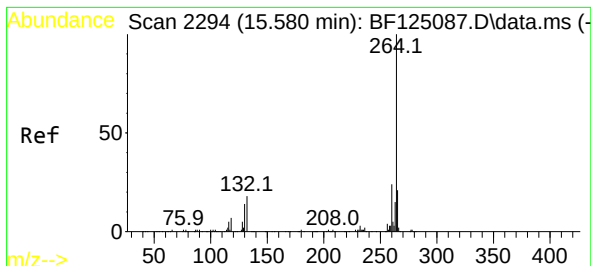
Tgt Ion:228 Resp: 118684
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 21.6 15.6 23.4



#83
Chrysene
Concen: 4.765 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF125257.D
Acq: 27 Aug 2021 16:58

Tgt Ion:228 Resp: 149152
Ion Ratio Lower Upper
228 100
226 27.9 22.6 34.0
229 23.3 15.9 23.9

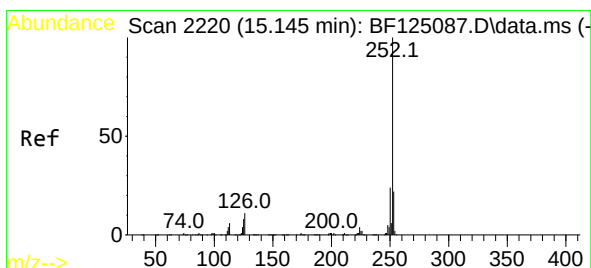
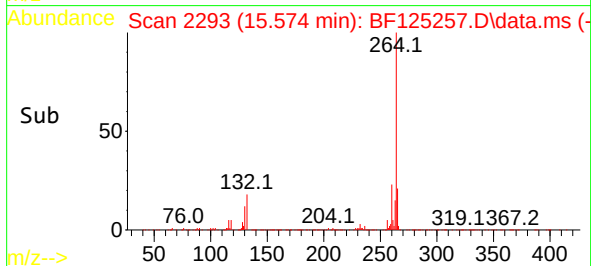
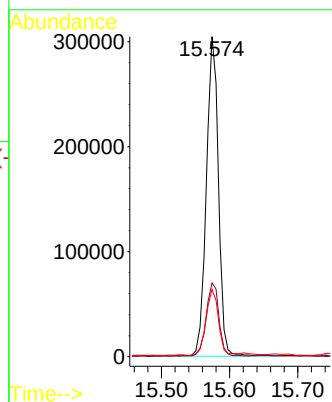
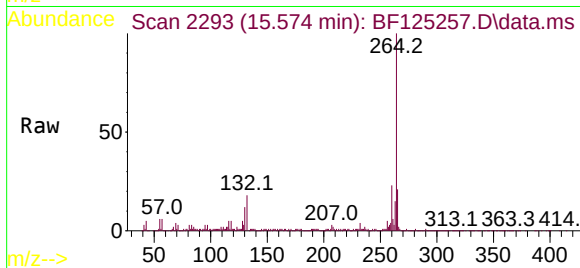




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. -0.000 min
Lab File: BF125257.D
Acq: 27 Aug 2021 16:58

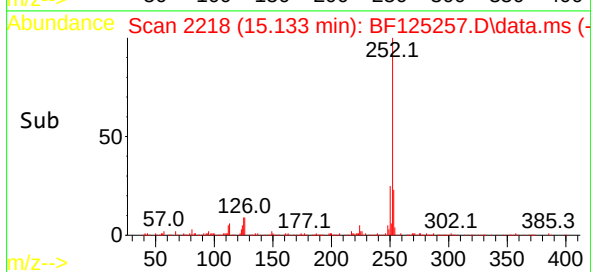
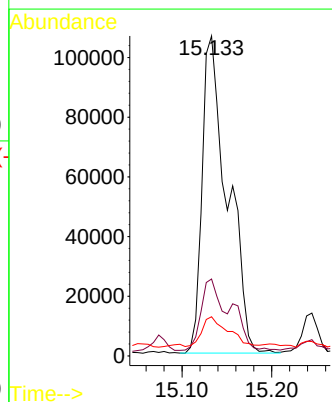
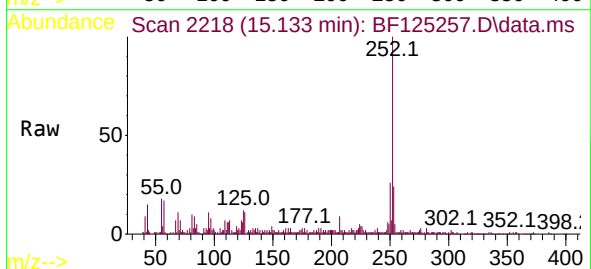
Instrument :
BNA_F
ClientSampleId :
OK-02-082621

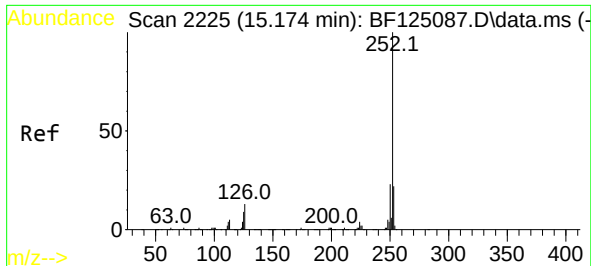
Tgt Ion:264 Resp: 375217
Ion Ratio Lower Upper
264 100
260 23.1 19.6 29.4
265 21.0 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 7.599 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.000 min
Lab File: BF125257.D
Acq: 27 Aug 2021 16:58

Tgt Ion:252 Resp: 208319
Ion Ratio Lower Upper
252 100
253 24.1 16.8 25.2
125 12.3 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 8.144 ng

RT: 15.133 min Scan# 2218

Delta R.T. -0.035 min

Lab File: BF125257.D

Acq: 27 Aug 2021 16:58

Tgt Ion:252 Resp: 208319

Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.8

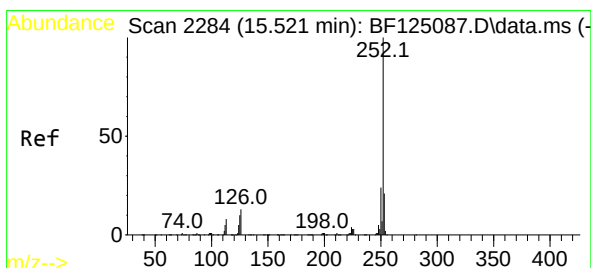
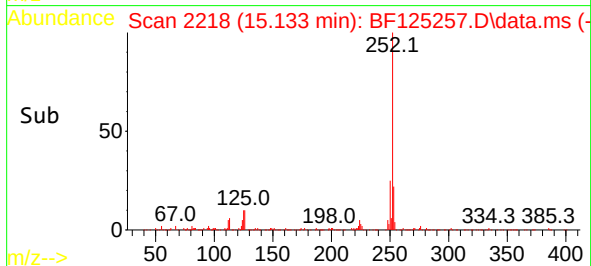
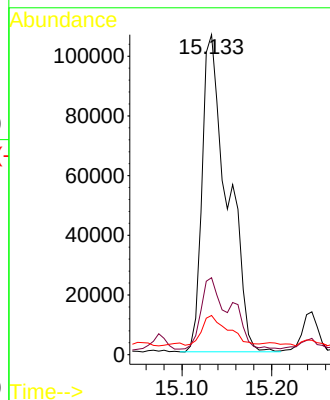
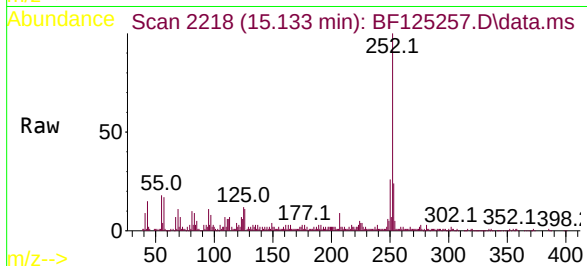
125 12.3 7.2 10.8#

Instrument :

BNA_F

ClientSampleId :

OK-02-082621



#90

Benzo(a)pyrene

Concen: 3.814 ng

RT: 15.509 min Scan# 2282

Delta R.T. -0.006 min

Lab File: BF125257.D

Acq: 27 Aug 2021 16:58

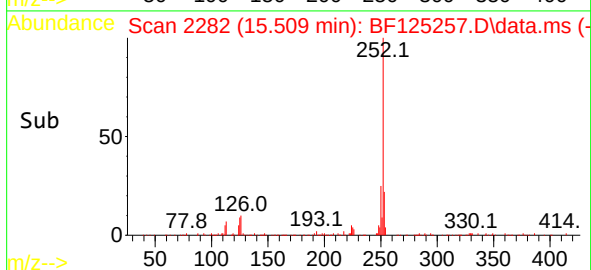
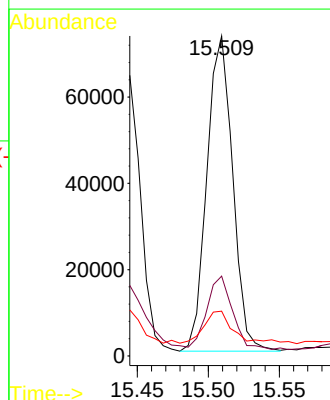
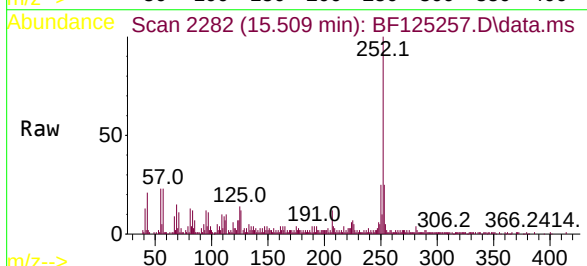
Tgt Ion:252 Resp: 92357

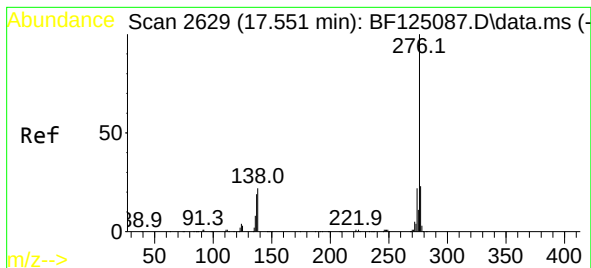
Ion Ratio Lower Upper

252 100

253 25.0 18.4 27.6

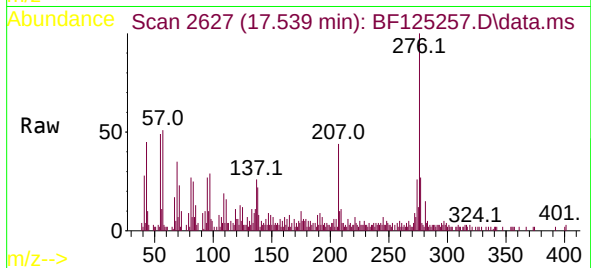
125 14.0 9.9 14.9





#92
 Benzo(g,h,i)perylene
 Concen: 2.020 ng
 RT: 17.539 min Scan# 2627
 Delta R.T. -0.012 min
 Lab File: BF125257.D
 Acq: 27 Aug 2021 16:58

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-082621



Tgt Ion:	276	Resp:	45501
Ion Ratio	Lower	Upper	
276	100		
277	27.1	22.0	33.0
138	22.3	22.2	33.4

