

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082621\
 Data File : BF125236.D
 Acq On : 26 Aug 2021 21:17
 Operator : JU/CG
 Sample : M3543-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP

Quant Time: Aug 27 05:03:15 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)

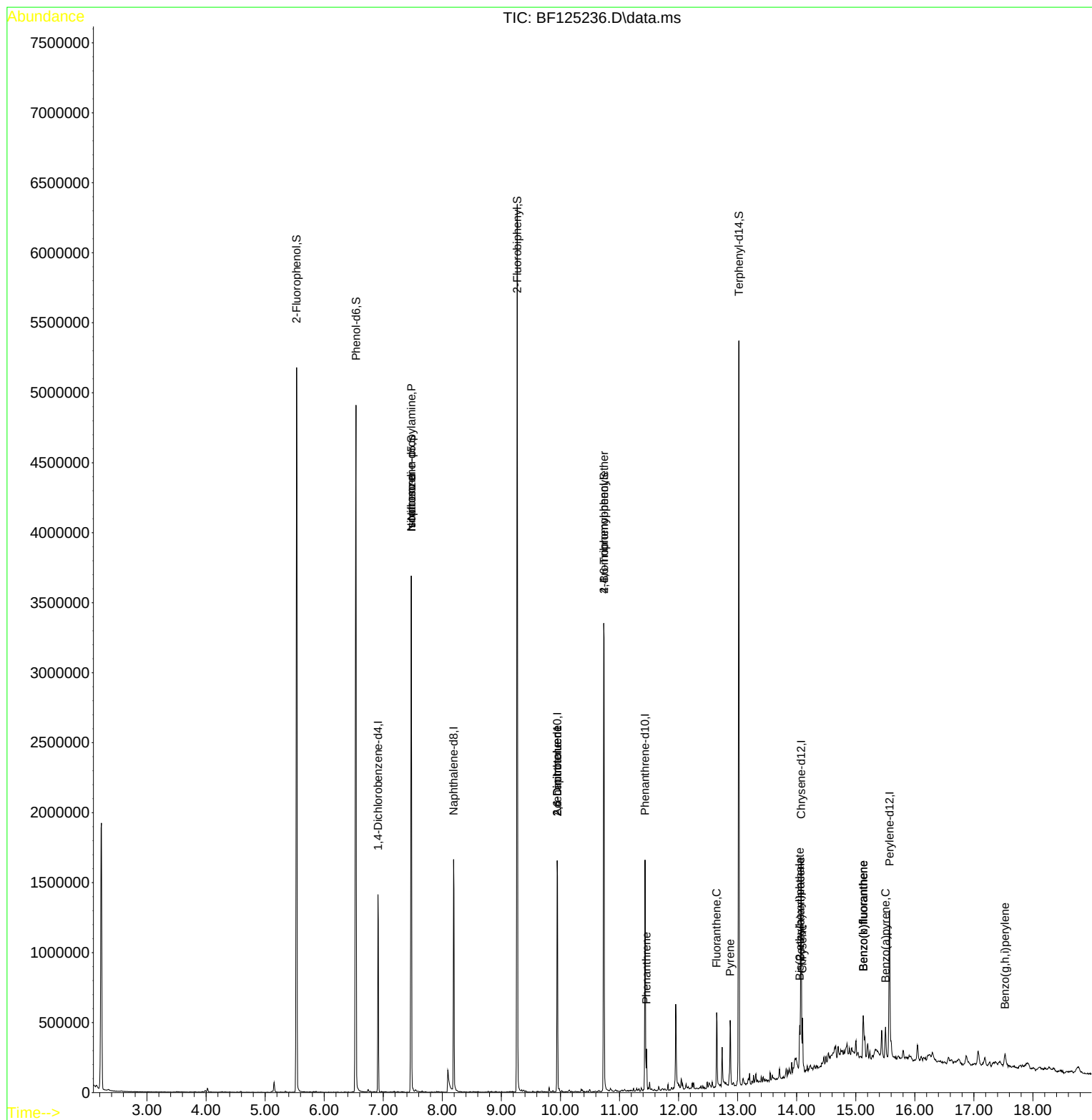
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	197062	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	730569	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	356538	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	577791	20.000	ng	0.00
76) Chrysene-d12	14.074	240	458488	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	505592	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1450842	111.437	ng	0.00
7) Phenol-d6	6.540	99	1793243	106.498	ng	0.00
23) Nitrobenzene-d5	7.475	82	1185886	81.720	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	450699	126.635	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1953572	76.366	ng	0.00
79) Terphenyl-d14	13.021	244	1762506	61.241	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	161112	15.908	ng	# 58
25) Isophorone	7.475	82	1185868	42.361	ng	# 59
51) 2,6-Dinitrotoluene	9.945	165	45508	8.494	ng	# 28
57) 2,4-Dinitrotoluene	9.945	165	45508	7.018	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	28694	4.136	ng	# 1
71) Phenanthrene	11.457	178	93750	2.945	ng	99
75) Fluoranthene	12.645	202	208233	6.592	ng	96
78) Pyrene	12.874	202	193039	4.908	ng	97
81) Benzo(a)anthracene	14.063	228	108199	3.275	ng	99
83) Chrysene	14.098	228	140961	4.315	ng	98
84) Bis(2-ethylhexyl)phtha...	14.051	149	78922	3.716	ng	95
88) Benzo(b)fluoranthene	15.127	252	233511	6.322	ng	99
89) Benzo(k)fluoranthene	15.127	252	233511	6.775	ng	# 97
90) Benzo(a)pyrene	15.504	252	109979	3.371	ng	96
92) Benzo(g,h,i)perylene	17.527	276	68168	2.245	ng	96

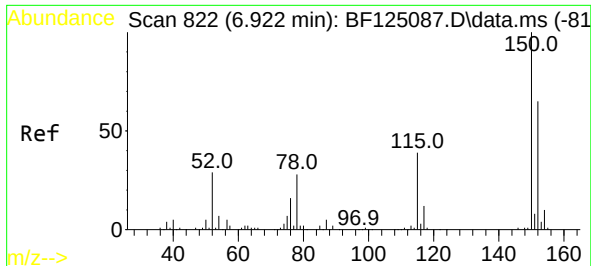
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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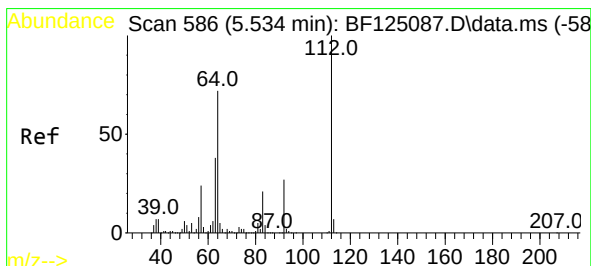
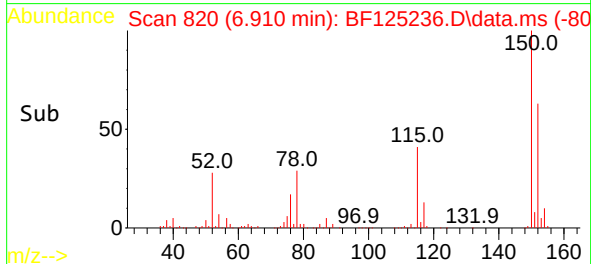
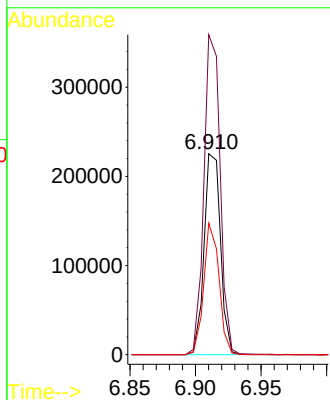
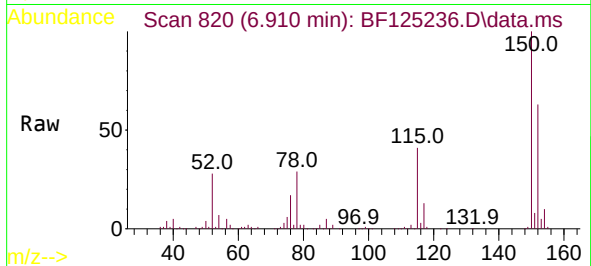




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17

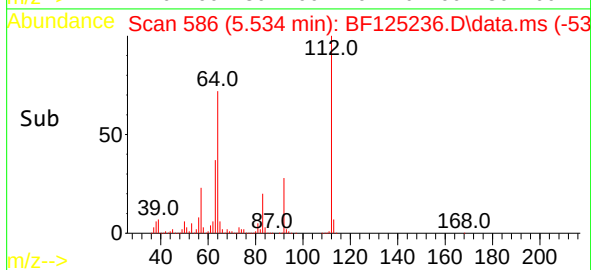
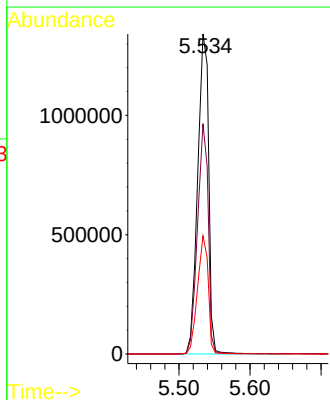
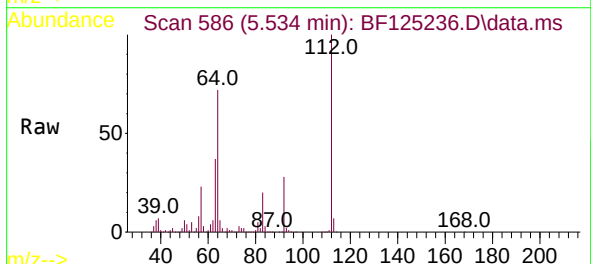
Instrument :
BNA_F
ClientSampleId :
SP

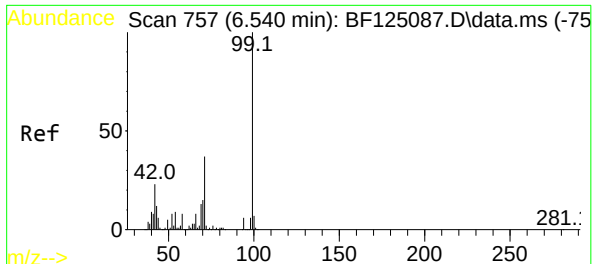
Tgt Ion:152 Resp: 197062
Ion Ratio Lower Upper
152 100
150 159.2 117.6 176.4
115 65.4 47.1 70.7



#5
2-Fluorophenol
Concen: 111.437 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17

Tgt Ion:112 Resp: 1450842
Ion Ratio Lower Upper
112 100
64 71.9 44.2 66.2#
63 36.9 26.2 39.2

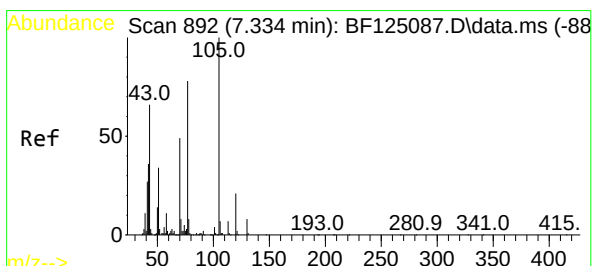
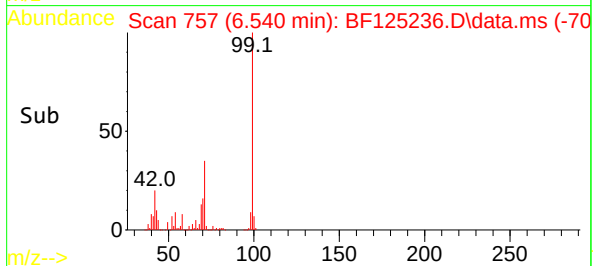
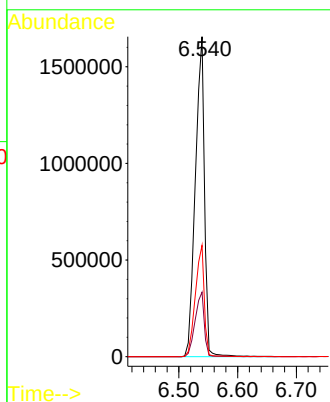
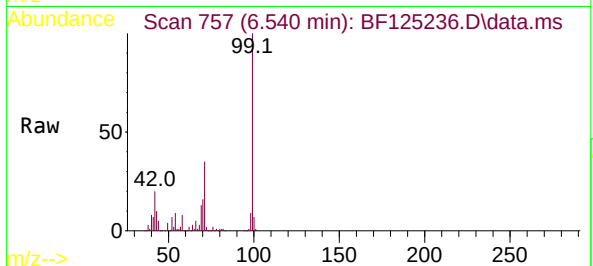




#7
Phenol-d6
Concen: 106.498 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17

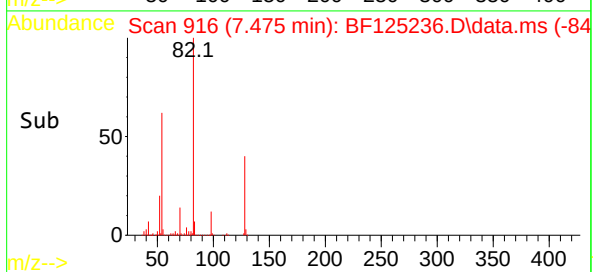
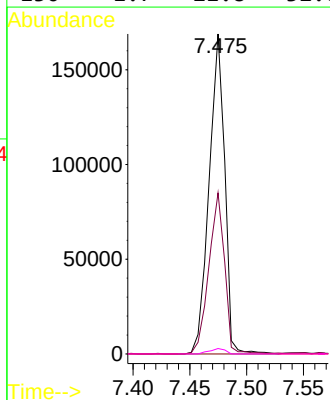
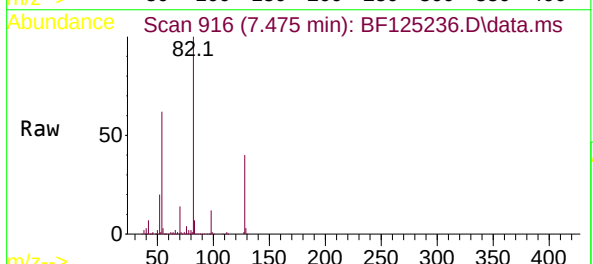
Instrument :
BNA_F
ClientSampleId :
SP

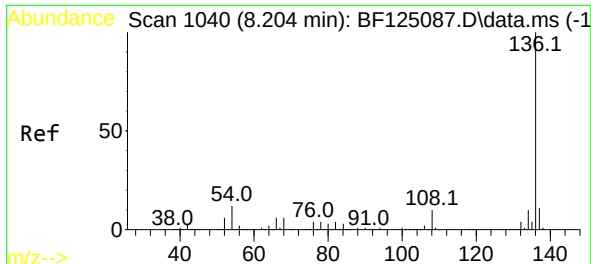
Tgt Ion: 99 Resp: 1793243
Ion Ratio Lower Upper
99 100
42 20.2 23.5 35.3#
71 34.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.908 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17

Tgt Ion: 70 Resp: 161112
Ion Ratio Lower Upper
70 100
42 50.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

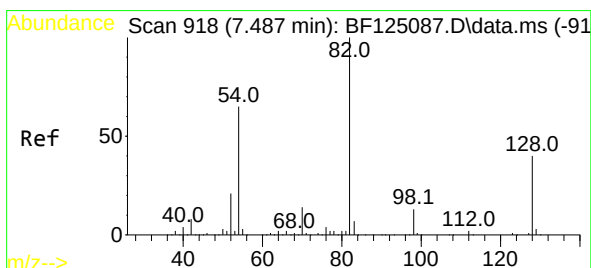
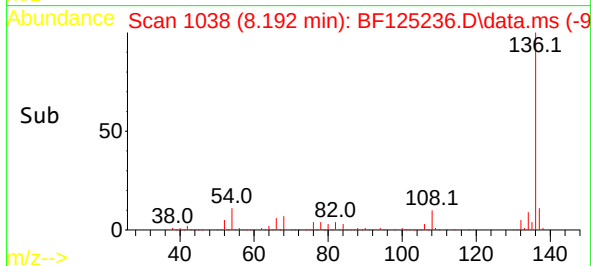
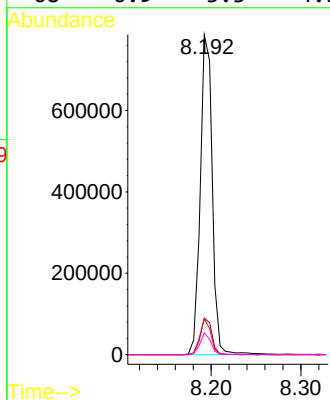
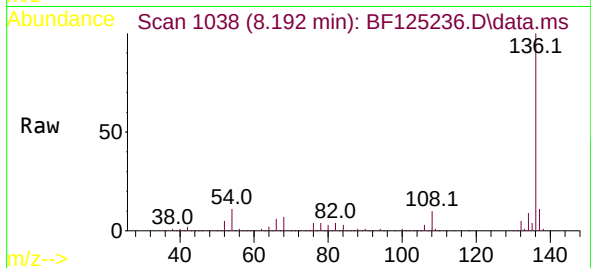




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17

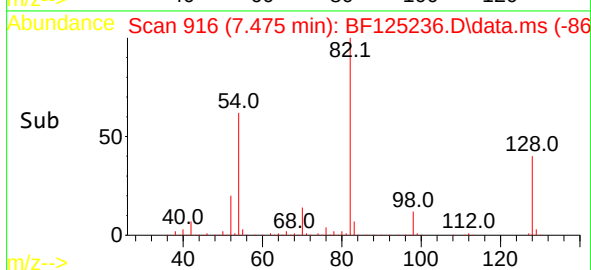
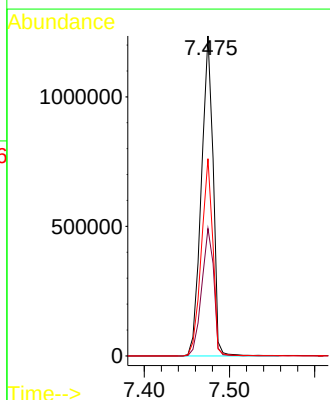
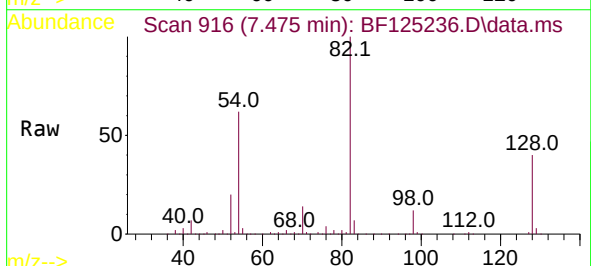
Instrument :
BNA_F
ClientSampleId :
SP

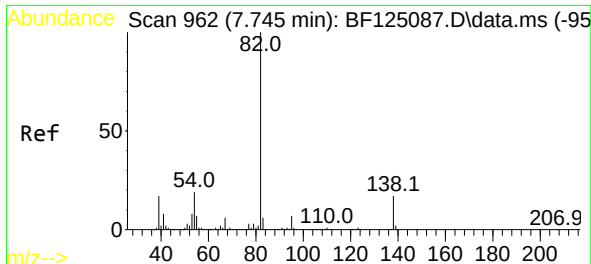
Tgt Ion:	136	Resp:	730569
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.6
54	11.2	6.4	9.6#
68	6.9	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 81.720 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17

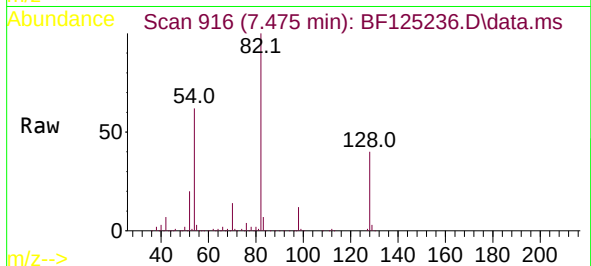
Tgt Ion:	82	Resp:	1185886
Ion	Ratio	Lower	Upper
82	100		
128	39.8	40.6	60.8#
54	61.6	49.6	74.4



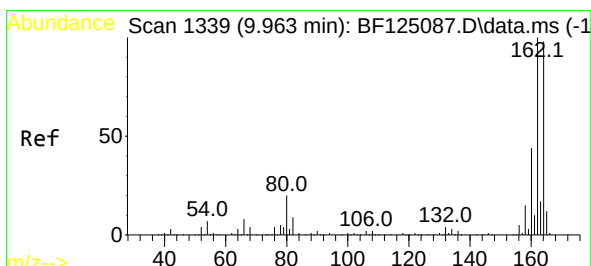
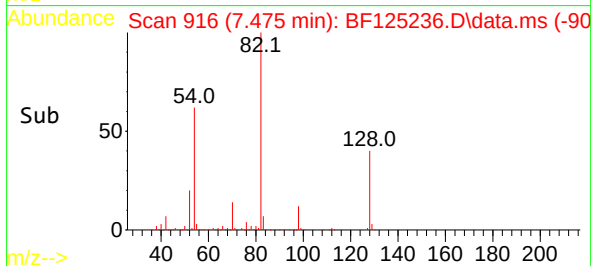
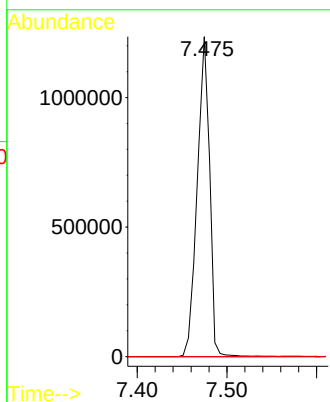


#25
Isophorone
Concen: 42.361 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17

Instrument :
BNA_F
ClientSampleId :
SP

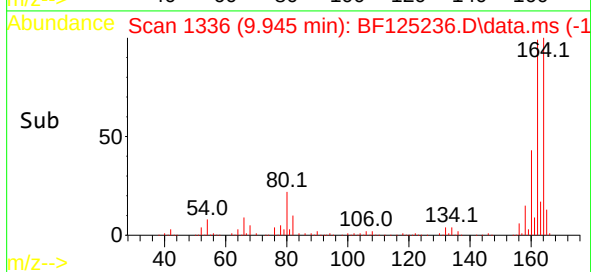
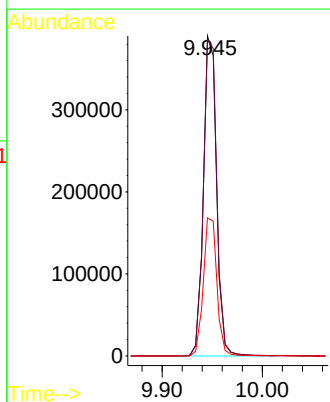
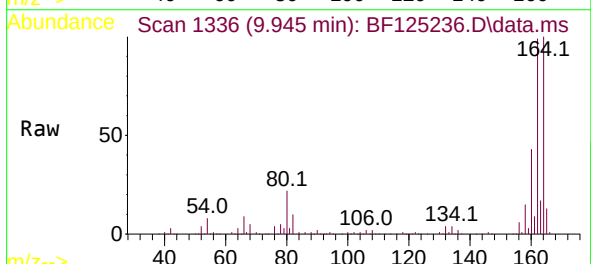


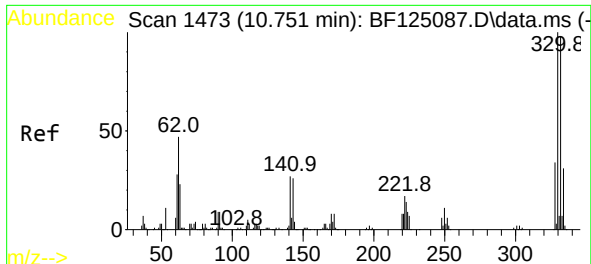
Tgt Ion: 82 Resp: 1185868
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17

Tgt Ion: 164 Resp: 356538
Ion Ratio Lower Upper
164 100
162 98.7 81.3 121.9
160 43.1 38.0 57.0

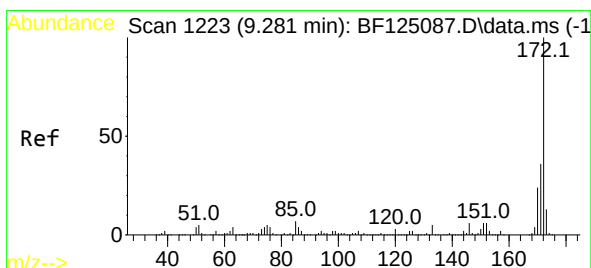
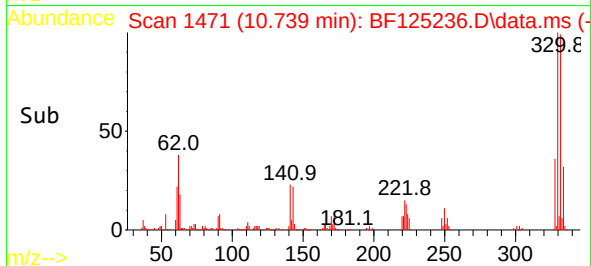
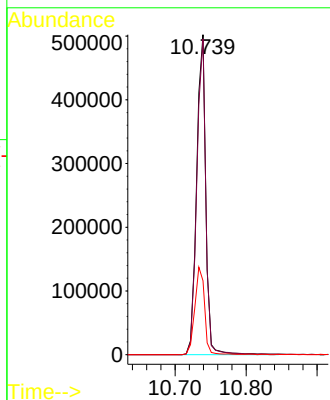
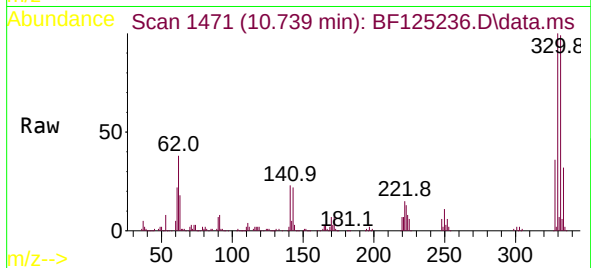




#42
2,4,6-Tribromophenol
Concen: 126.635 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17

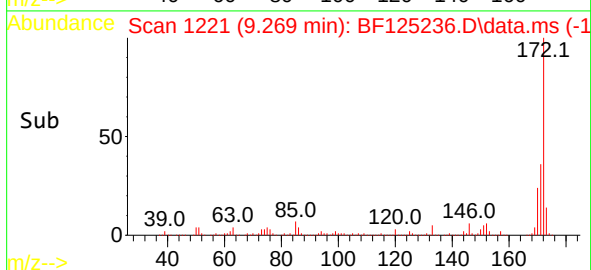
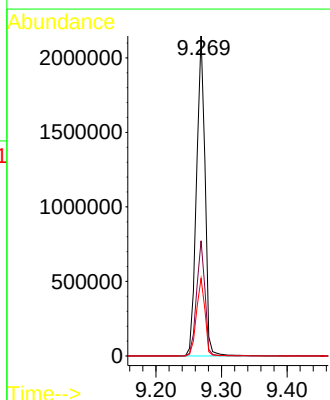
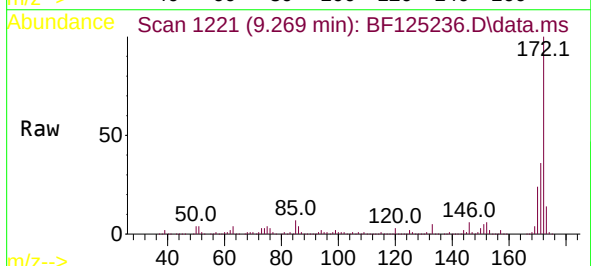
Instrument :
BNA_F
ClientSampled :
SP

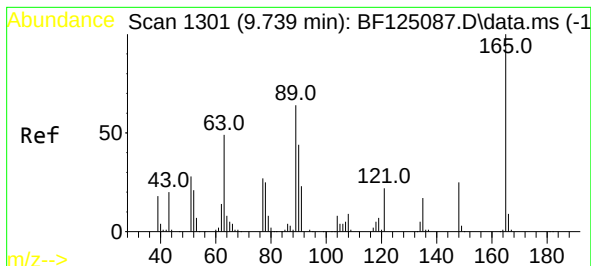
Tgt Ion:330 Resp: 450699
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 29.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 76.366 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17

Tgt Ion:172 Resp: 1953572
Ion Ratio Lower Upper
172 100
171 36.0 26.5 39.7
170 24.2 18.8 28.2

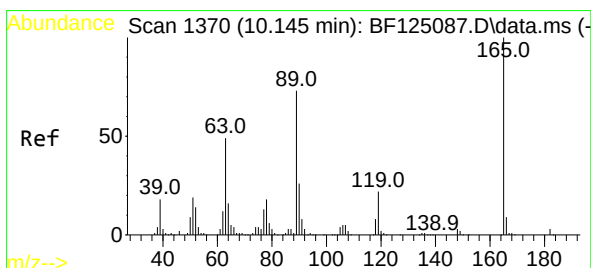
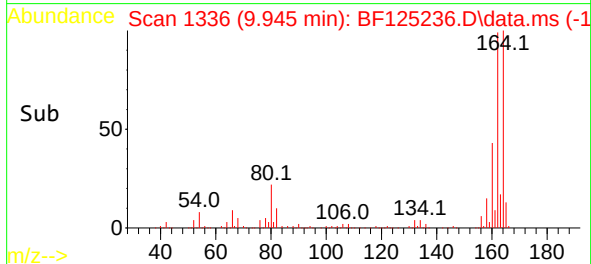
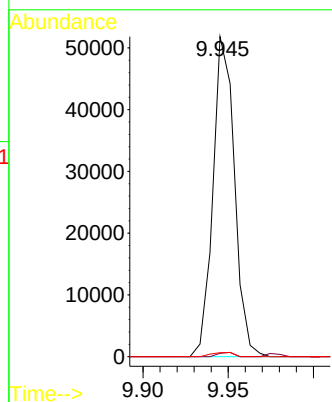
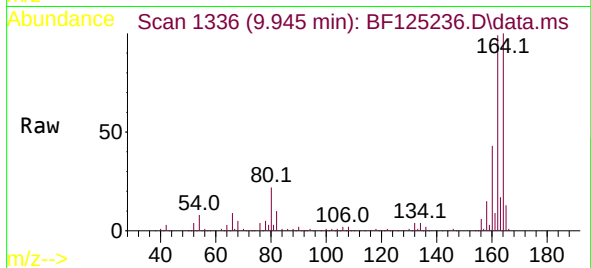




#51
2,6-Dinitrotoluene
Concen: 8.494 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17

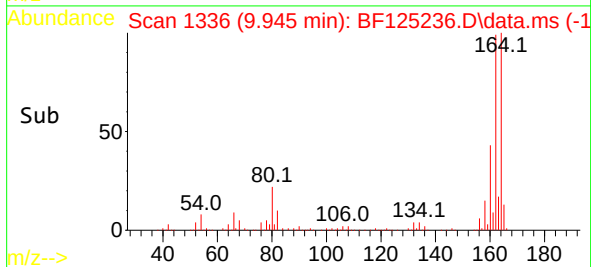
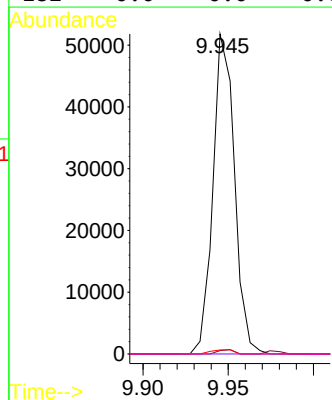
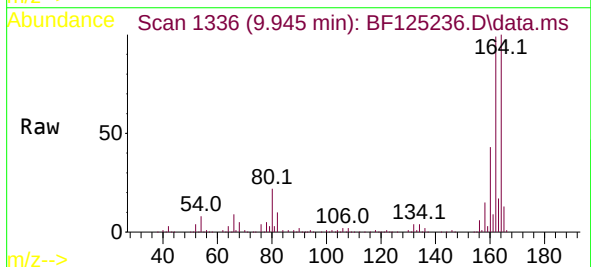
Instrument :
BNA_F
ClientSampled :
SP

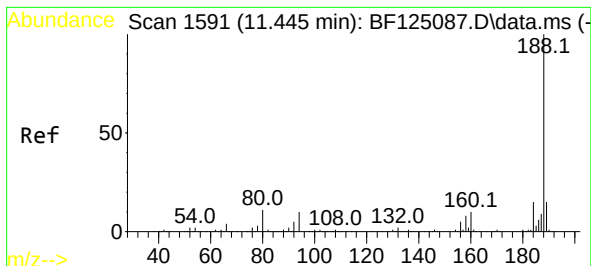
Tgt Ion:165 Resp: 45508
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.018 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.188 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17

Tgt Ion:165 Resp: 45508
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

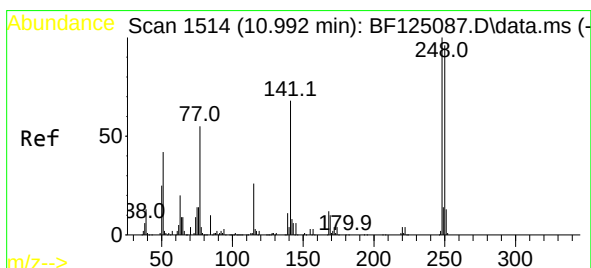
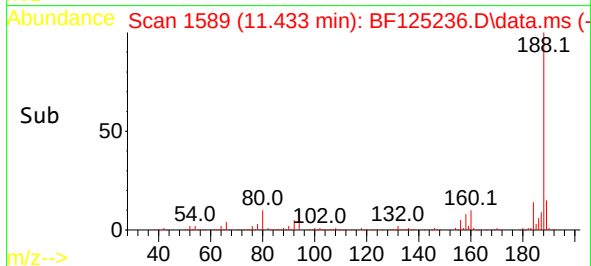
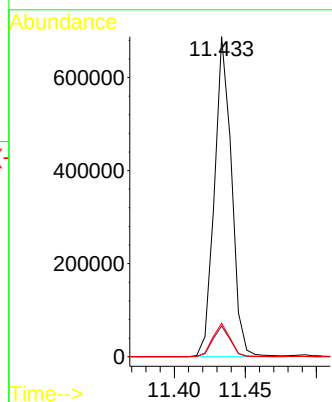
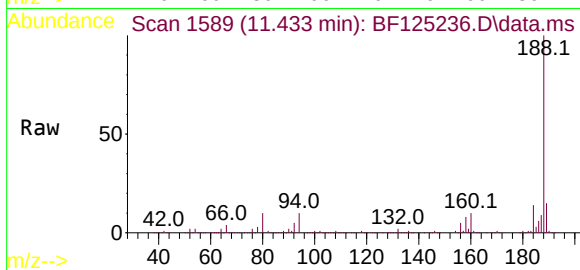




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17

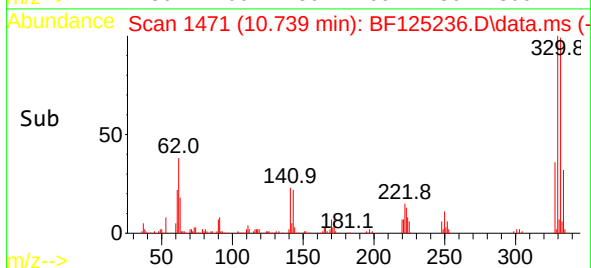
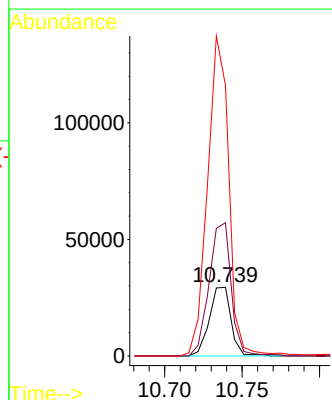
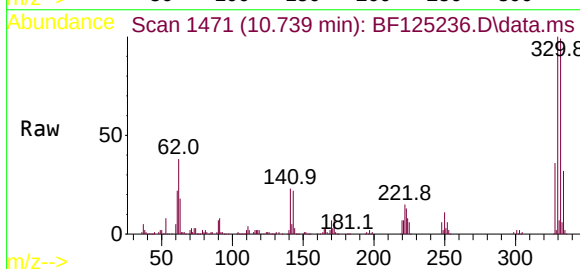
Instrument :
BNA_F
ClientSampled :
SP

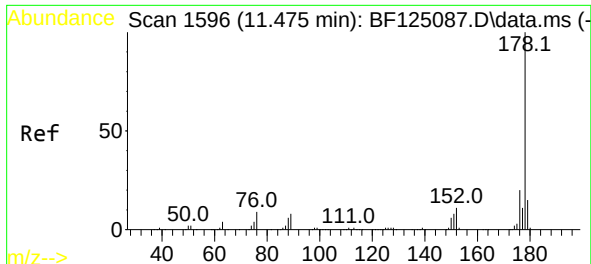
Tgt Ion:188 Resp: 577791
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 10.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.136 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17

Tgt Ion:248 Resp: 28694
Ion Ratio Lower Upper
248 100
250 193.9 74.2 111.4#
141 393.8 60.4 90.6#

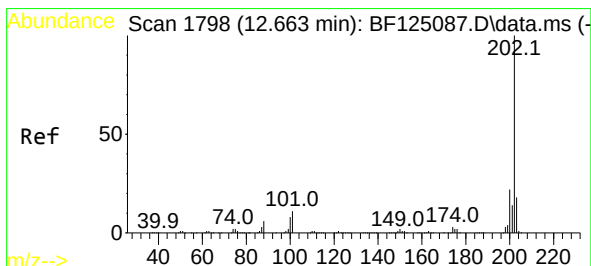
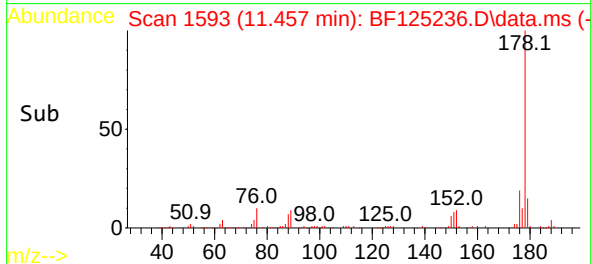
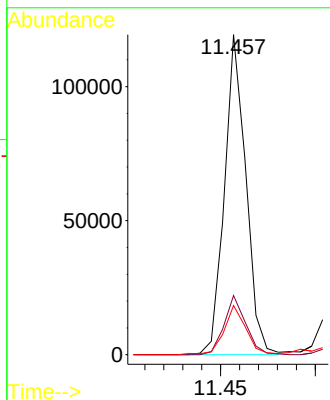
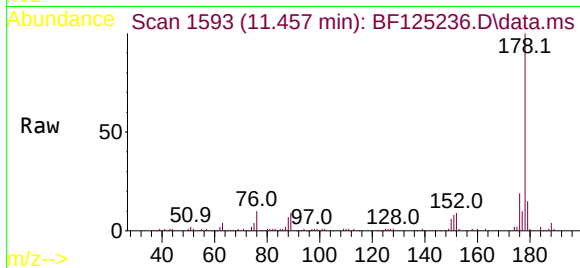




#71
Phenanthrene
Concen: 2.945 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17

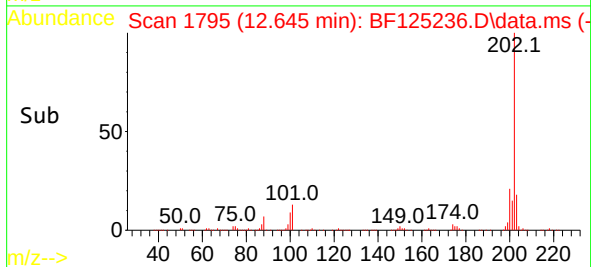
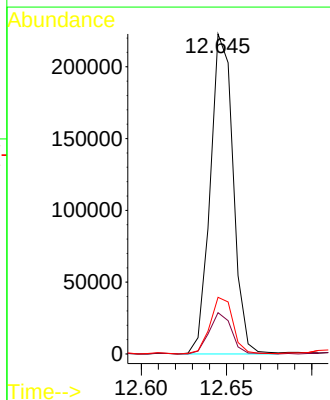
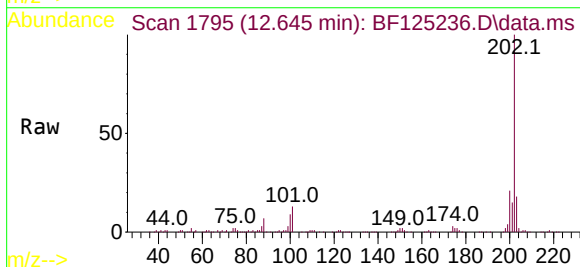
Instrument :
BNA_F
ClientSampled :
SP

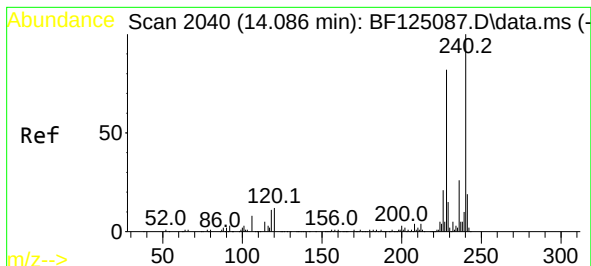
Tgt Ion:178 Resp: 93750
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.4 11.5 17.3



#75
Fluoranthene
Concen: 6.592 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17

Tgt Ion:202 Resp: 208233
Ion Ratio Lower Upper
202 100
101 12.9 0.0 30.7
203 17.7 0.0 36.3

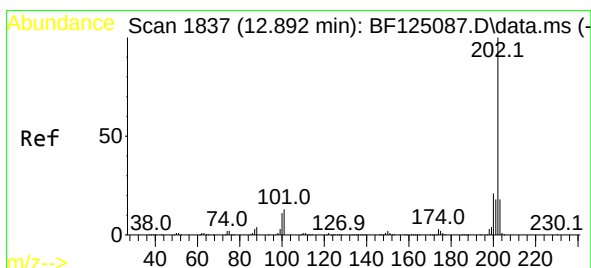
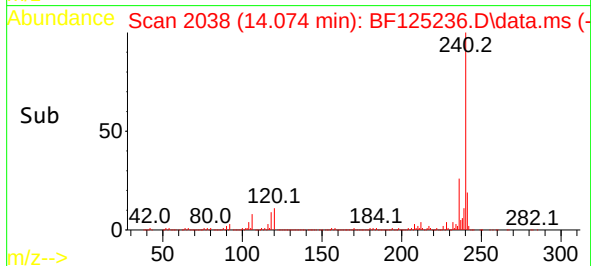
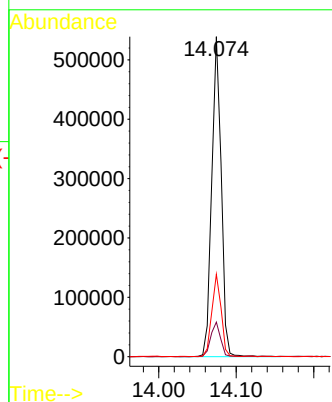
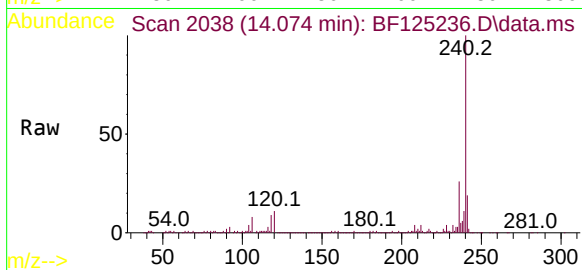




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17

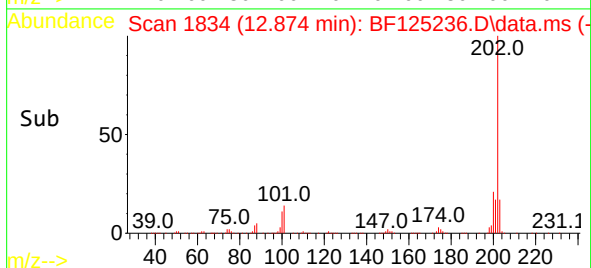
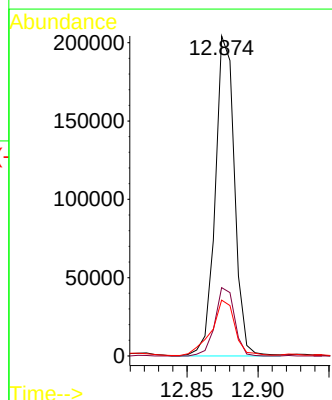
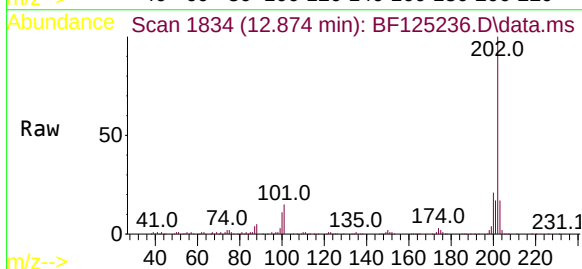
Instrument :
BNA_F
ClientSampleId :
SP

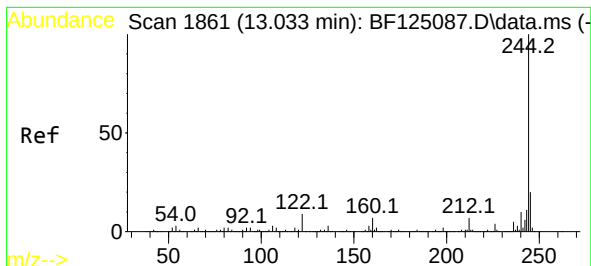
Tgt Ion:240 Resp: 458488
Ion Ratio Lower Upper
240 100
120 10.8 10.8 16.2#
236 25.7 21.6 32.4



#78
Pyrene
Concen: 4.908 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17

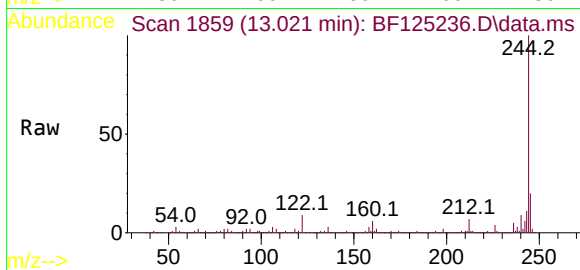
Tgt Ion:202 Resp: 193039
Ion Ratio Lower Upper
202 100
200 21.4 15.3 22.9
203 17.5 13.4 20.0



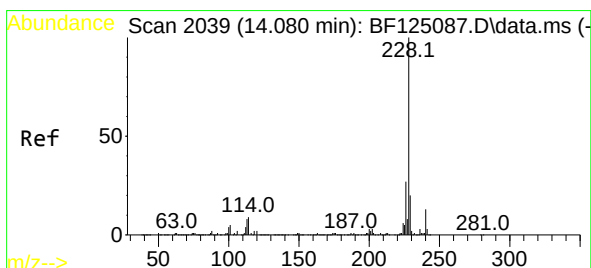
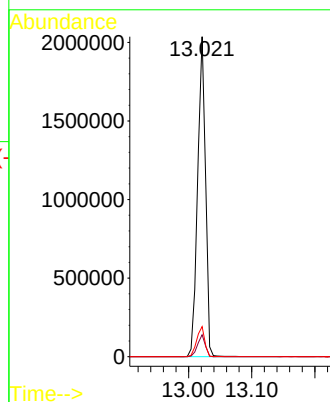
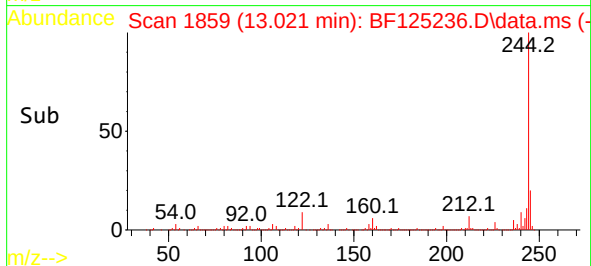


#79
Terphenyl-d14
Concen: 61.241 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17

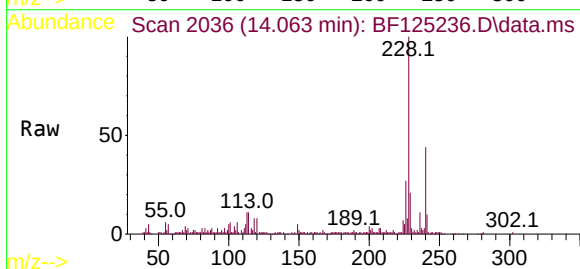
Instrument :
BNA_F
ClientSampleId :
SP



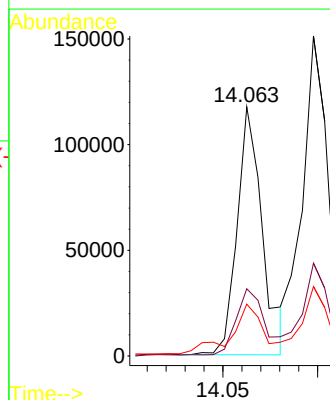
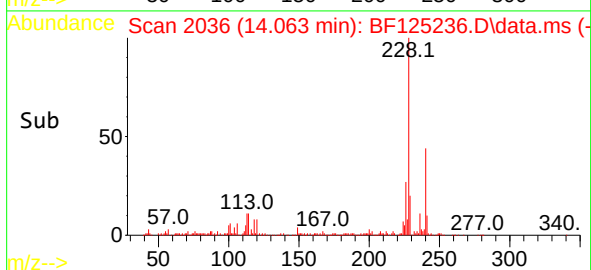
Tgt Ion:244 Resp: 1762506
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.4 9.0 13.4

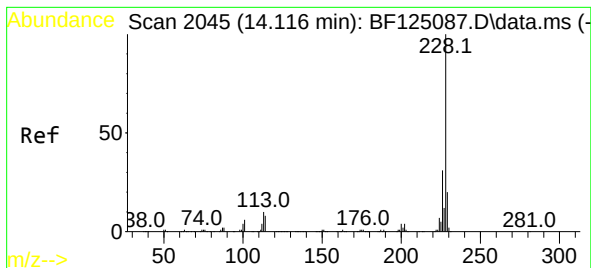


#81
Benzo(a)anthracene
Concen: 3.275 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17



Tgt Ion:228 Resp: 108199
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 20.8 15.6 23.4





#83

Chrysene

Concen: 4.315 ng

RT: 14.098 min Scan# 2042

Delta R.T. -0.012 min

Lab File: BF125236.D

Acq: 26 Aug 2021 21:17

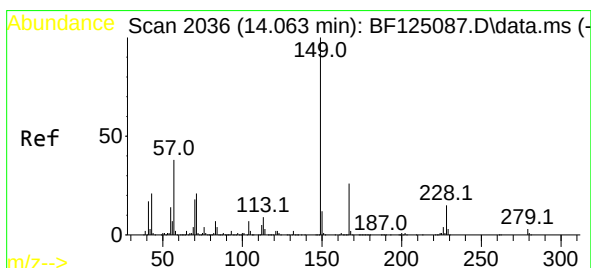
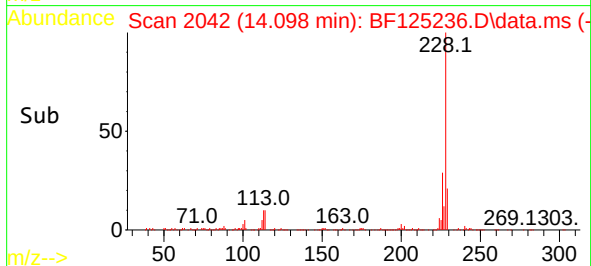
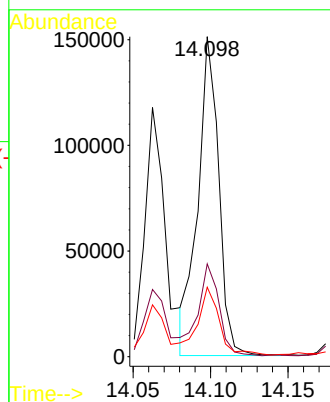
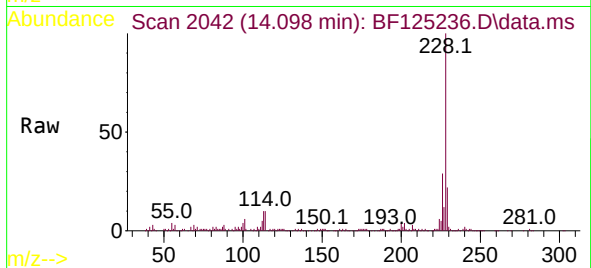
Tgt Ion:	228	Resp:	140961
Ion Ratio	Lower	Upper	
228	100		
226	29.0	22.6	34.0
229	21.7	15.9	23.9

Instrument :

BNA_F

ClientSampleId :

SP



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.716 ng

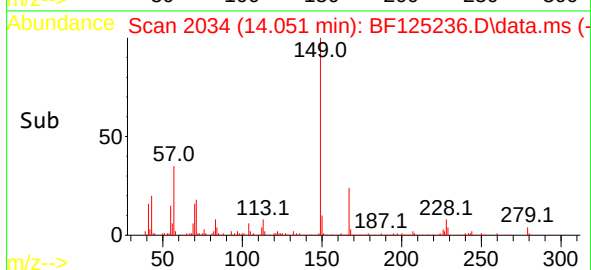
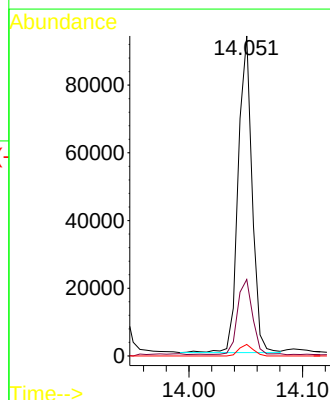
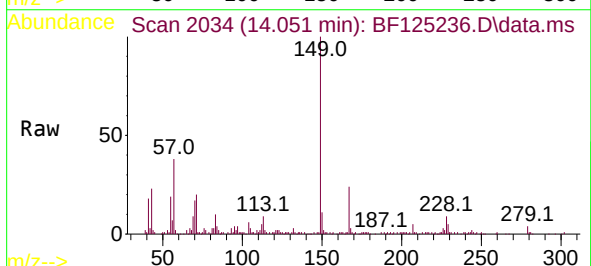
RT: 14.051 min Scan# 2034

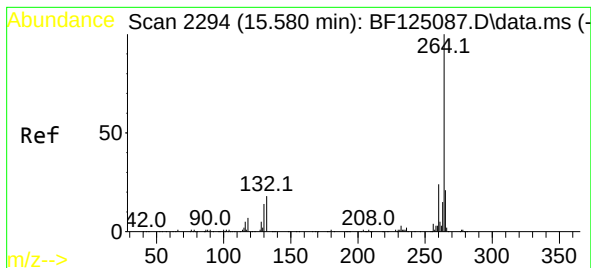
Delta R.T. -0.006 min

Lab File: BF125236.D

Acq: 26 Aug 2021 21:17

Tgt Ion:	149	Resp:	78922
Ion Ratio	Lower	Upper	
149	100		
167	23.9	21.4	32.0
279	3.6	2.6	4.0

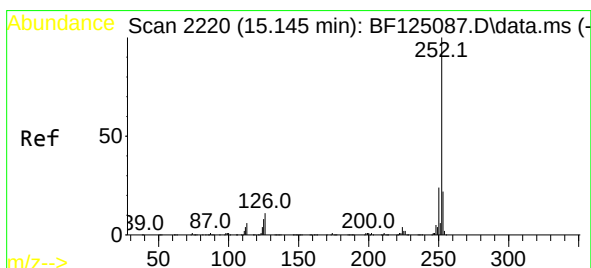
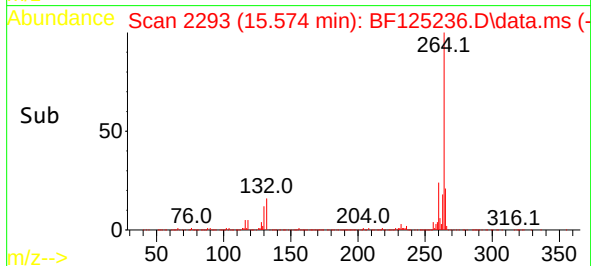
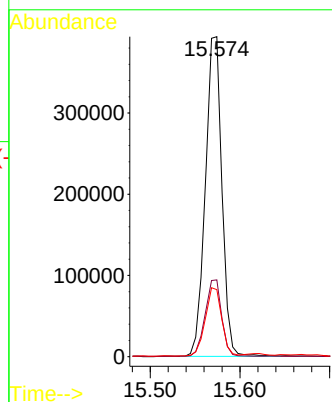
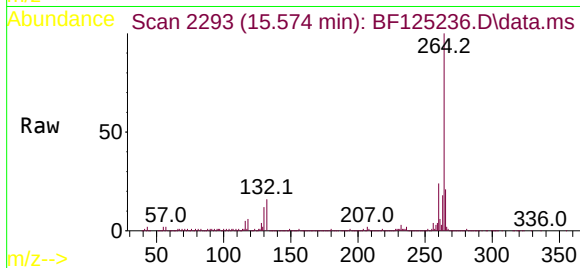




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17

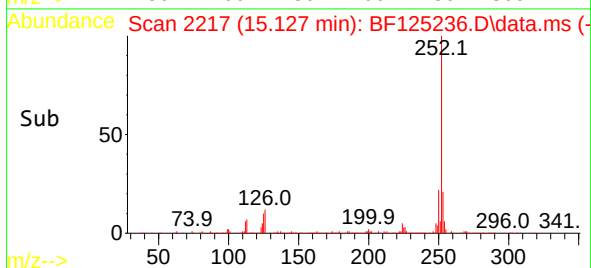
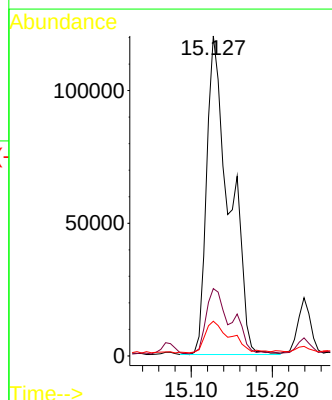
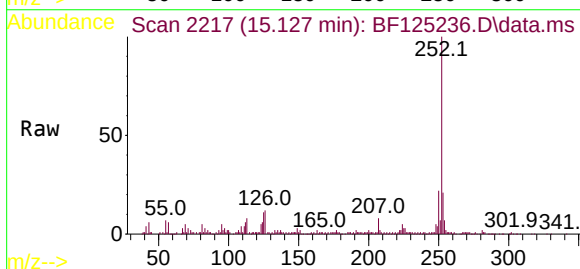
Instrument :
BNA_F
ClientSampleId :
SP

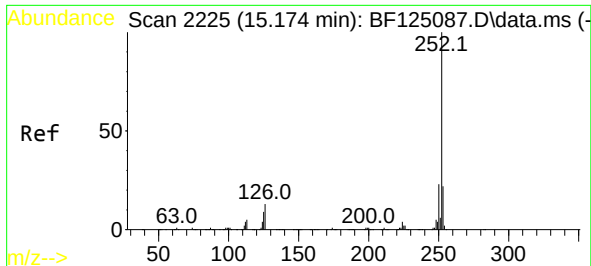
Tgt Ion:264 Resp: 505592
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 20.9 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 6.322 ng
RT: 15.127 min Scan# 2217
Delta R.T. -0.006 min
Lab File: BF125236.D
Acq: 26 Aug 2021 21:17

Tgt Ion:252 Resp: 233511
Ion Ratio Lower Upper
252 100
253 21.1 16.8 25.2
125 10.8 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 6.775 ng

RT: 15.127 min Scan# 2217

Delta R.T. -0.041 min

Lab File: BF125236.D

Acq: 26 Aug 2021 21:17

Tgt Ion:252 Resp: 233511

Ion Ratio Lower Upper

252 100

253 21.1 17.8 26.8

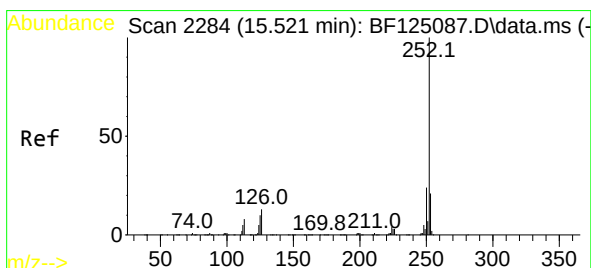
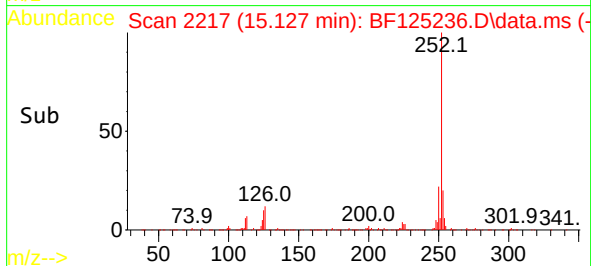
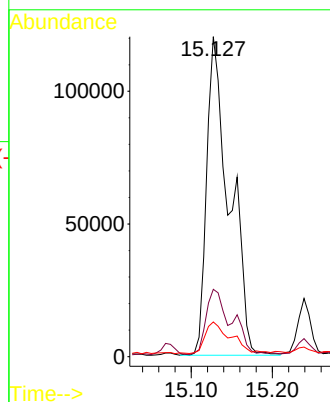
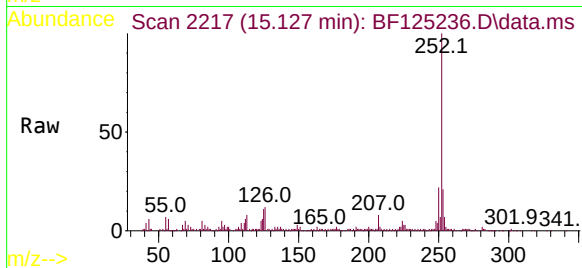
125 10.8 7.2 10.8#

Instrument :

BNA_F

ClientSampled :

SP



#90

Benzo(a)pyrene

Concen: 3.371 ng

RT: 15.504 min Scan# 2281

Delta R.T. -0.012 min

Lab File: BF125236.D

Acq: 26 Aug 2021 21:17

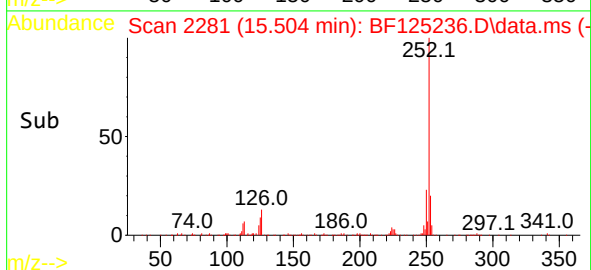
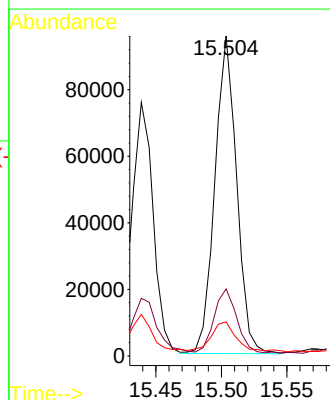
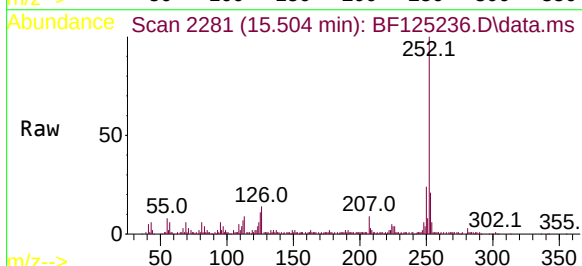
Tgt Ion:252 Resp: 109979

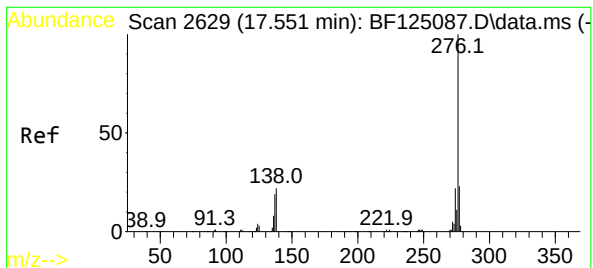
Ion Ratio Lower Upper

252 100

253 21.0 18.4 27.6

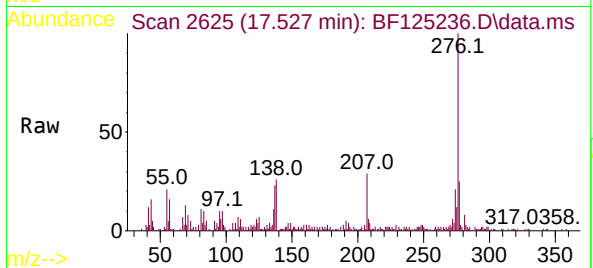
125 10.6 9.9 14.9





#92
 Benzo(g,h,i)perylene
 Concen: 2.245 ng
 RT: 17.527 min Scan# 2625
 Delta R.T. -0.023 min
 Lab File: BF125236.D
 Acq: 26 Aug 2021 21:17

Instrument :
 BNA_F
 ClientSampleId :
 SP



Tgt Ion:	276	Resp:	68168
Ion Ratio	Lower	Upper	
276	100		
277	24.7	22.0	33.0
138	26.1	22.2	33.4

