

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082621\
 Data File : BF125239.D
 Acq On : 26 Aug 2021 22:57
 Operator : JU/CG
 Sample : M3538-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210

Quant Time: Aug 27 05:04:51 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)

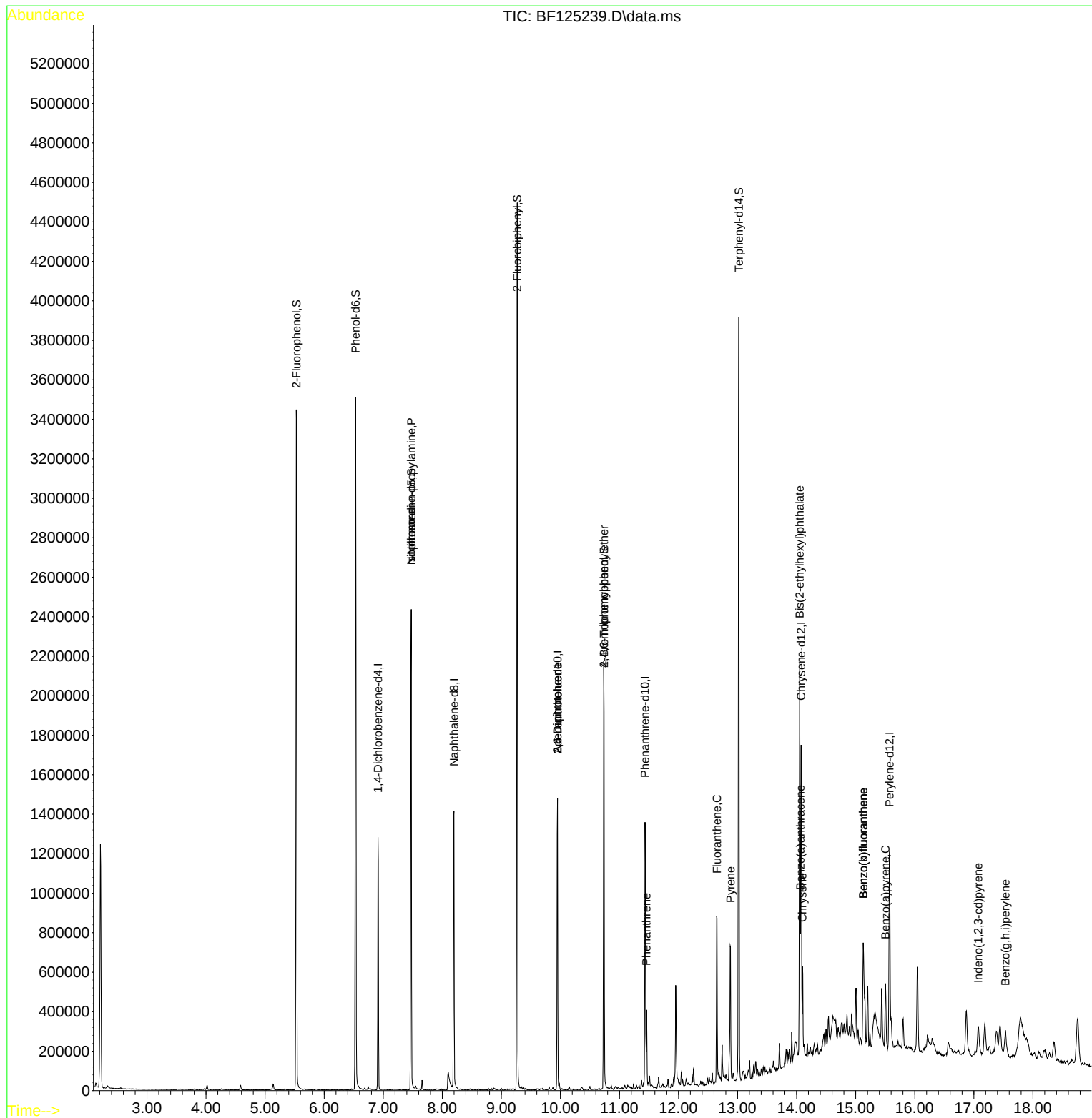
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	180669	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	649522	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	303788	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	496335	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	472328	20.000	ng	0.00
86) Perylene-d12	15.574	264	472081	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	936080	78.422	ng	0.00
7) Phenol-d6	6.534	99	1156137	74.891	ng	0.00
23) Nitrobenzene-d5	7.475	82	743952	57.663	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	273090	90.055	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1284774	58.943	ng	0.00
79) Terphenyl-d14	13.022	244	1332972	44.959	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	97410	10.491	ng	# 59
25) Isophorone	7.475	82	743936	29.890	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	38530	8.441	ng	# 27
57) 2,4-Dinitrotoluene	9.951	165	38530	6.974	ng	# 19
67) 4-Bromophenyl-phenylether	10.739	248	16937	2.842	ng	# 1
71) Phenanthrene	11.457	178	127498	4.662	ng	99
75) Fluoranthene	12.651	202	352240	12.980	ng	98
78) Pyrene	12.880	202	299444	7.391	ng	98
81) Benzo(a)anthracene	14.063	228	163873	4.815	ng	100
83) Chrysene	14.098	228	195982	5.823	ng	98
84) Bis(2-ethylhexyl)phtha...	14.051	149	466886	21.337	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	93517	2.750	ng	# 89
88) Benzo(b)fluoranthene	15.127	252	383970	11.133	ng	# 96
89) Benzo(k)fluoranthene	15.127	252	383970	11.931	ng	99
90) Benzo(a)pyrene	15.504	252	159721	5.243	ng	98
92) Benzo(g,h,i)perylene	17.533	276	83178	2.934	ng	# 88

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082621\
Data File : BF125239.D
Acq On : 26 Aug 2021 22:57
Operator : JU/CG
Sample : M3538-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Quant Time: Aug 27 05:04:51 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

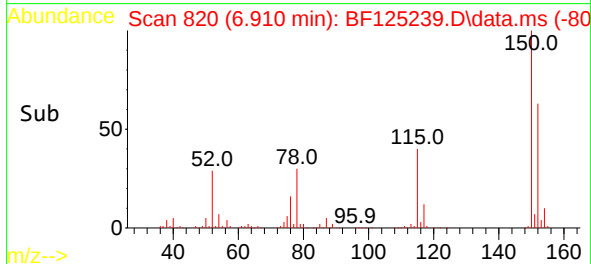
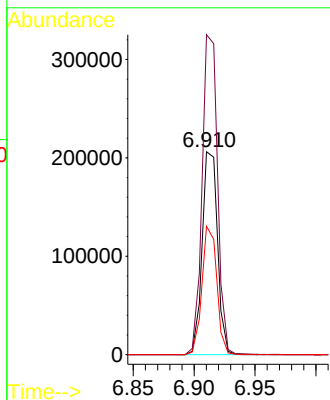
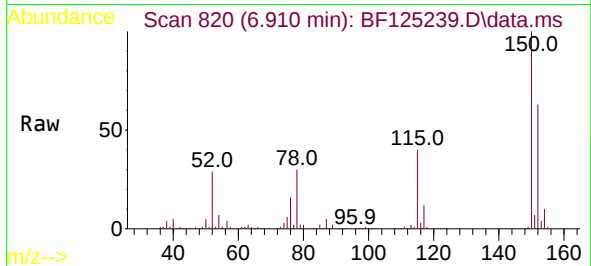




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

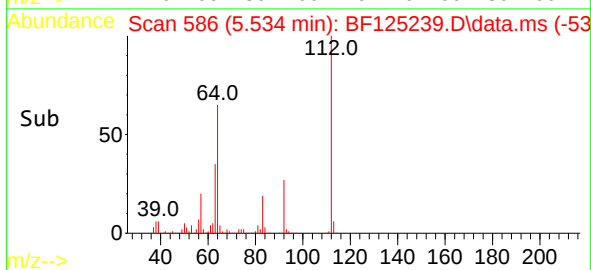
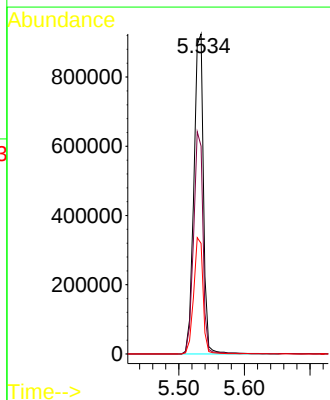
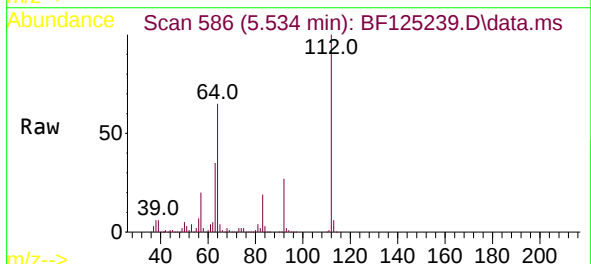
Instrument :
BNA_F
ClientSampleId :
VNJ-210

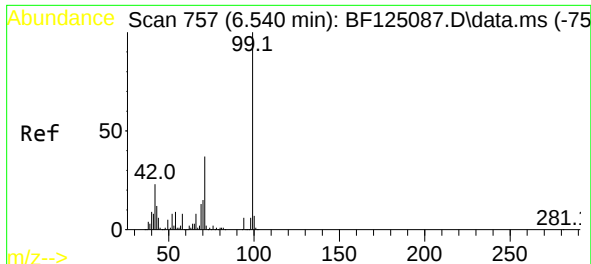
Tgt Ion:152 Resp: 180669
Ion Ratio Lower Upper
152 100
150 157.7 117.6 176.4
115 63.3 47.1 70.7



#5
2-Fluorophenol
Concen: 78.422 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

Tgt Ion:112 Resp: 936080
Ion Ratio Lower Upper
112 100
64 65.0 44.2 66.2
63 34.5 26.2 39.2

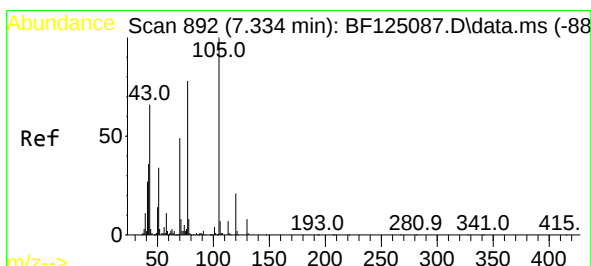
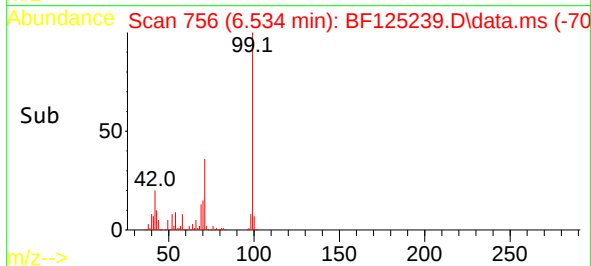
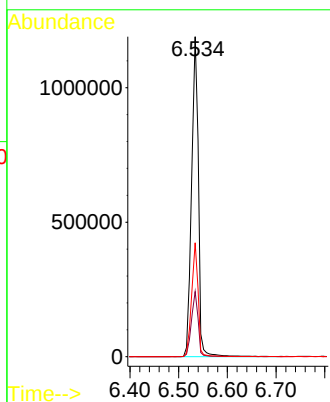
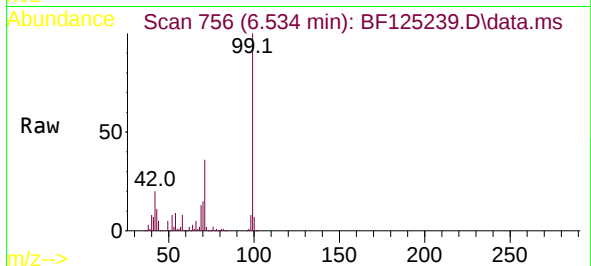




#7
Phenol-d6
Concen: 74.891 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

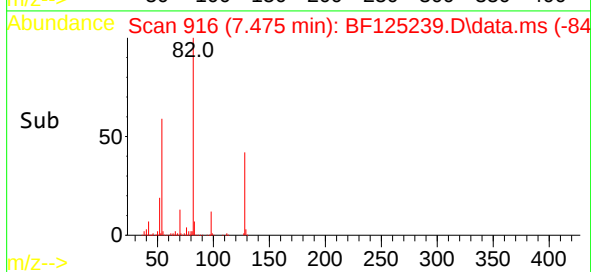
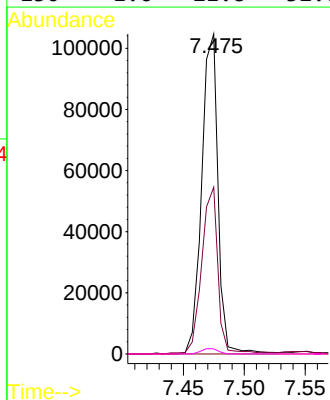
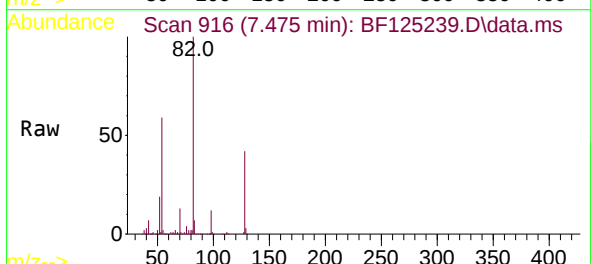
Instrument :
BNA_F
ClientSampleId :
VNJ-210

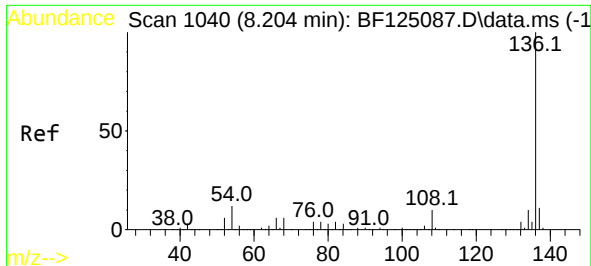
Tgt Ion: 99 Resp: 1156137
Ion Ratio Lower Upper
99 100
42 20.4 23.5 35.3#
71 35.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.491 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

Tgt Ion: 70 Resp: 97410
Ion Ratio Lower Upper
70 100
42 52.1 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#



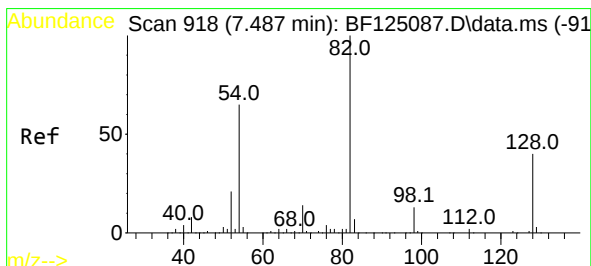
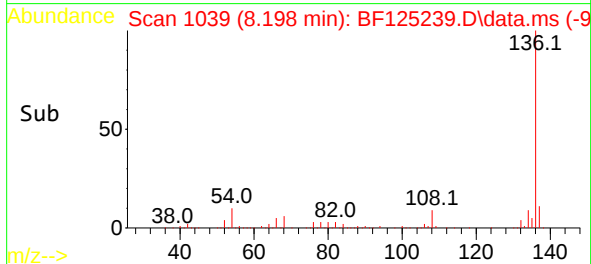
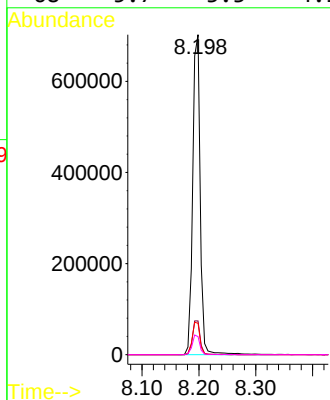
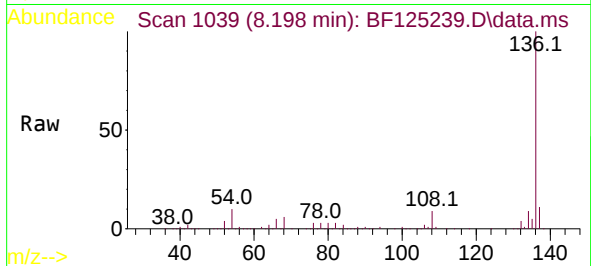


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:136 Resp: 649522

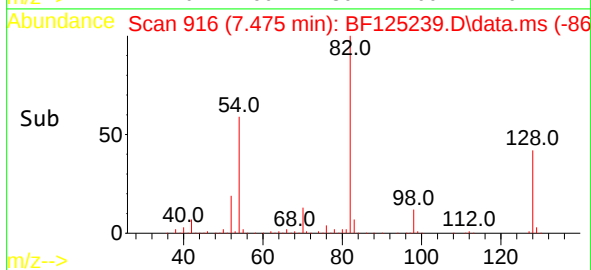
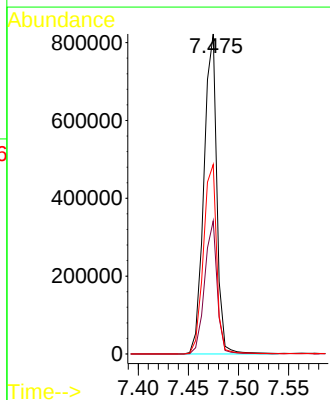
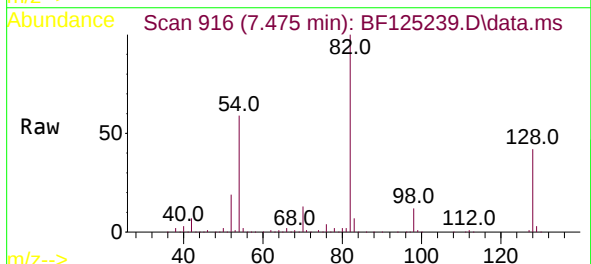
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	9.8	6.4	9.6#
68	5.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 57.663 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

Tgt Ion: 82 Resp: 743952

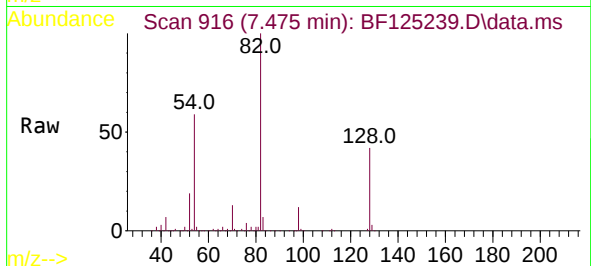
Ion	Ratio	Lower	Upper
82	100		
128	41.6	40.6	60.8
54	59.2	49.6	74.4



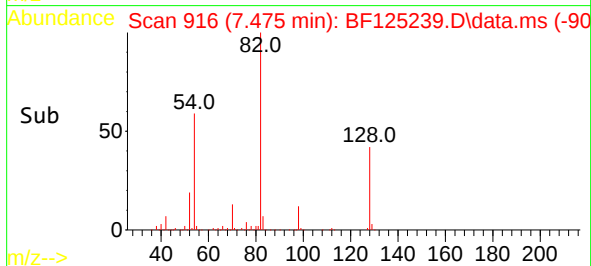
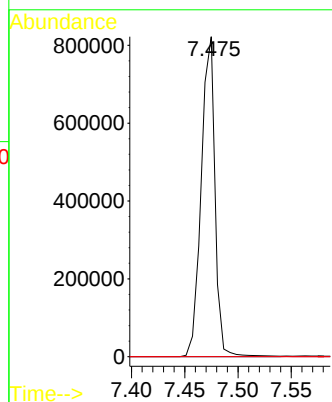


#25
Isophorone
Concen: 29.890 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

Instrument :
BNA_F
ClientSampleId :
VNJ-210

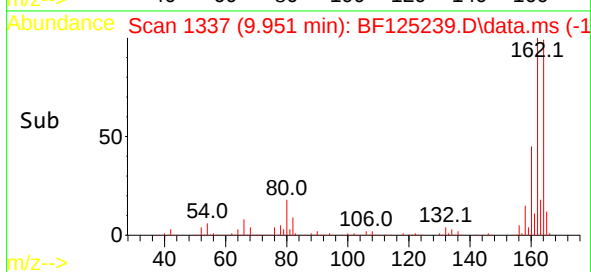
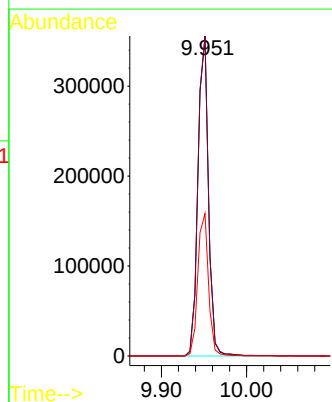
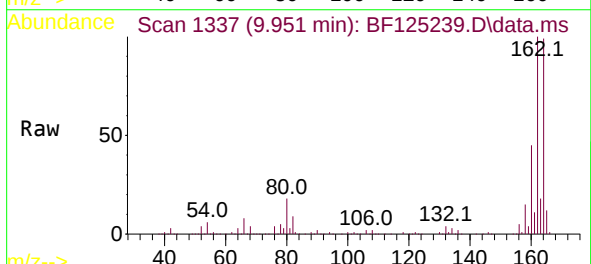


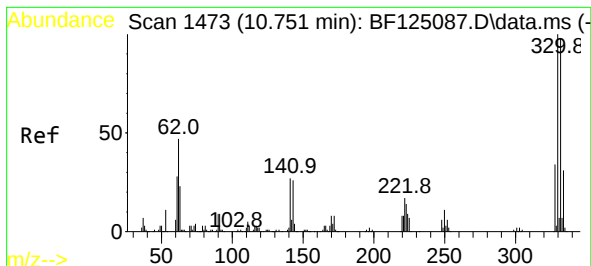
Tgt Ion: 82 Resp: 743936
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

Tgt Ion: 164 Resp: 303788
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 44.7 38.0 57.0

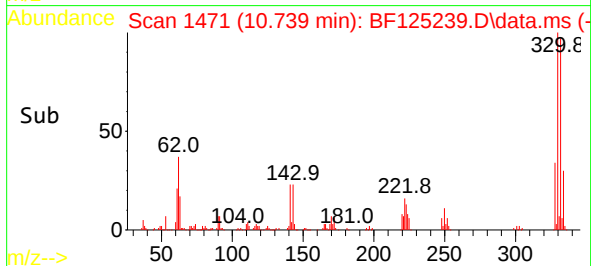
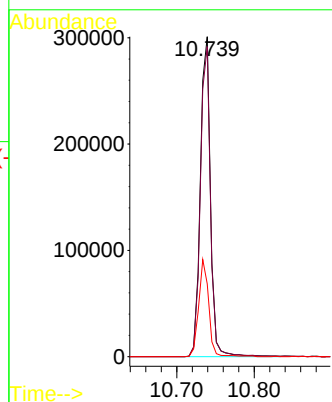
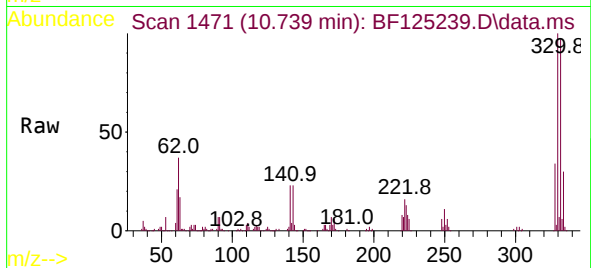




#42
2,4,6-Tribromophenol
Concen: 90.055 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

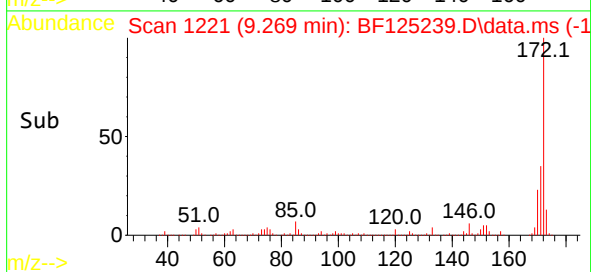
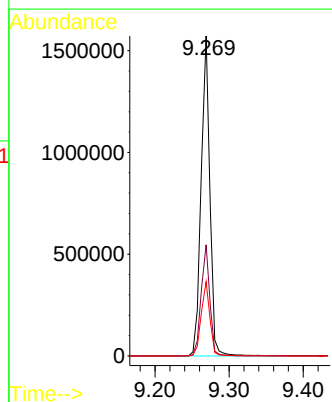
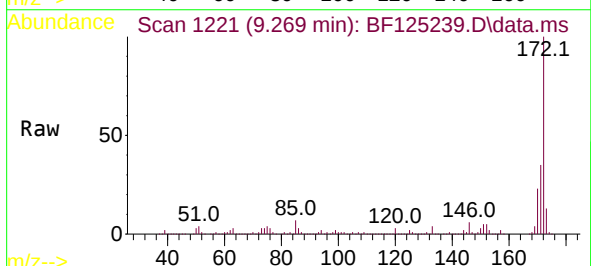
Instrument :
BNA_F
ClientSampleId :
VNJ-210

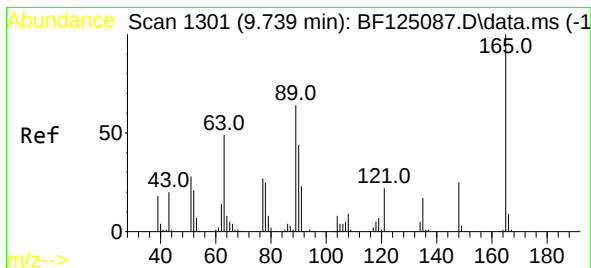
Tgt Ion:330 Resp: 273090
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 30.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 58.943 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

Tgt Ion:172 Resp: 1284774
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 23.3 18.8 28.2

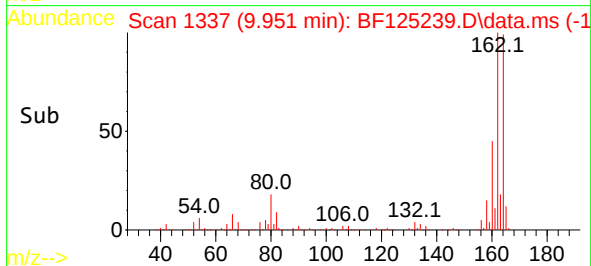
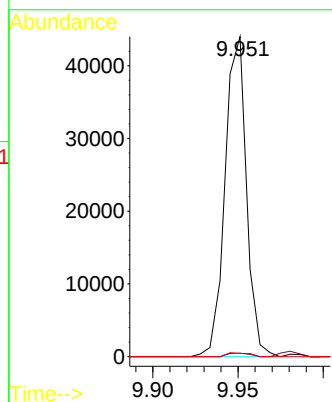
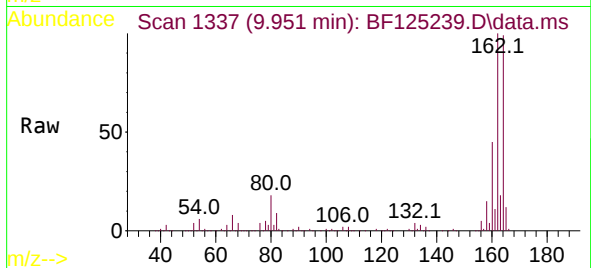




#51
2,6-Dinitrotoluene
Concen: 8.441 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

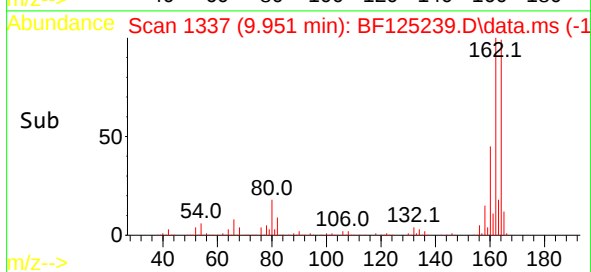
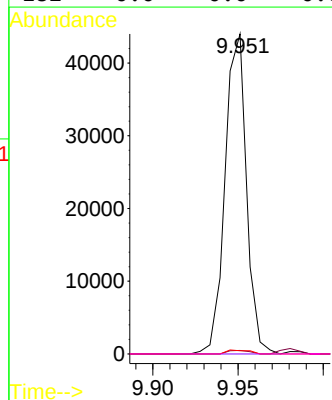
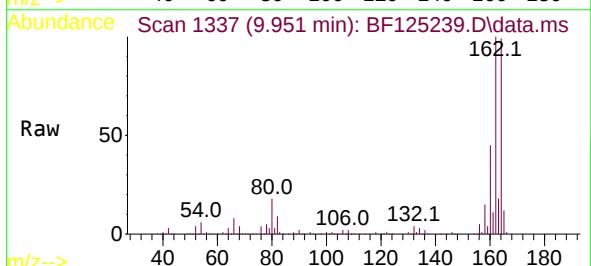
Instrument :
BNA_F
ClientSampleId :
VNJ-210

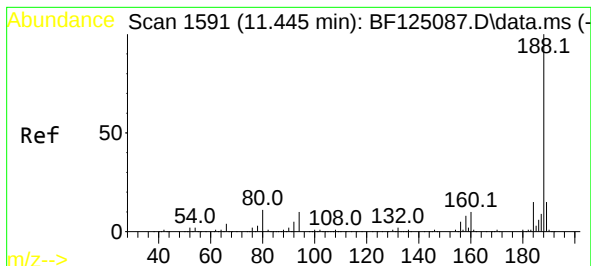
Tgt Ion:165 Resp: 38530
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.974 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

Tgt Ion:165 Resp: 38530
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

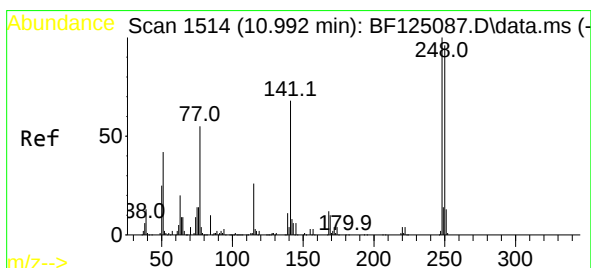
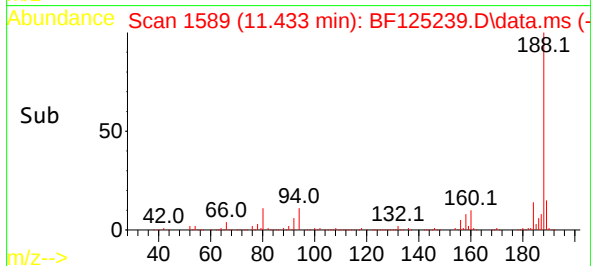
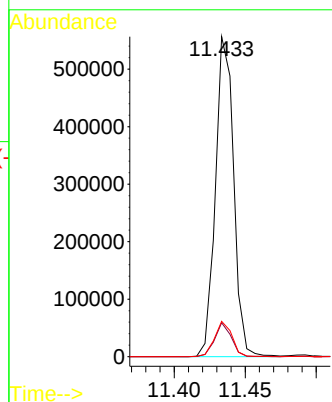
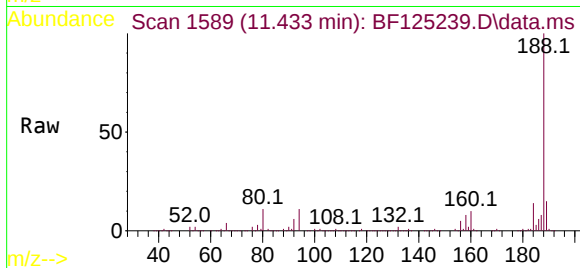




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

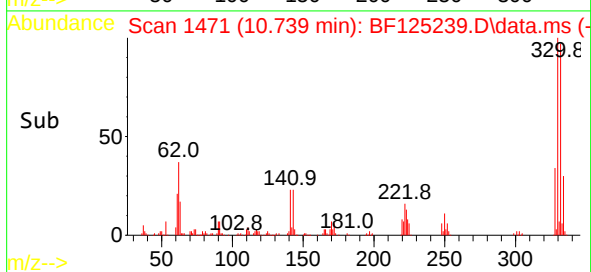
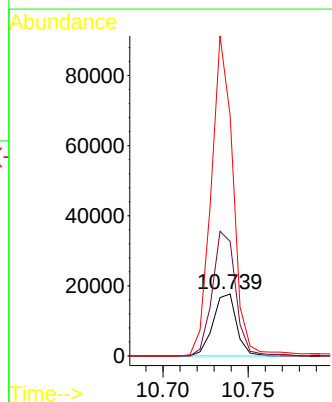
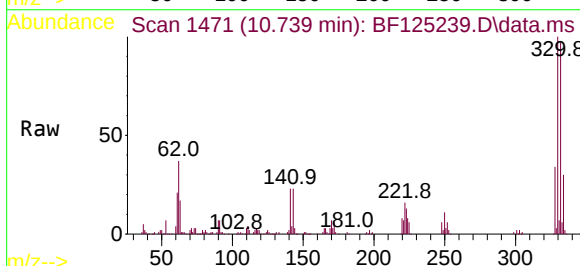
Instrument :
BNA_F
ClientSampleId :
VNJ-210

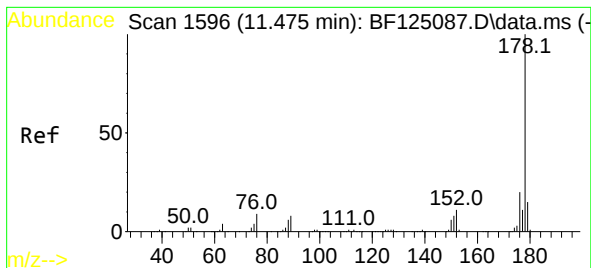
Tgt Ion:188 Resp: 496335
Ion Ratio Lower Upper
188 100
94 10.6 6.7 10.1#
80 11.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.842 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

Tgt Ion:248 Resp: 16937
Ion Ratio Lower Upper
248 100
250 185.1 74.2 111.4#
141 388.2 60.4 90.6#

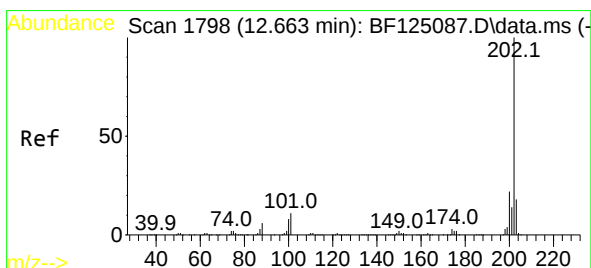
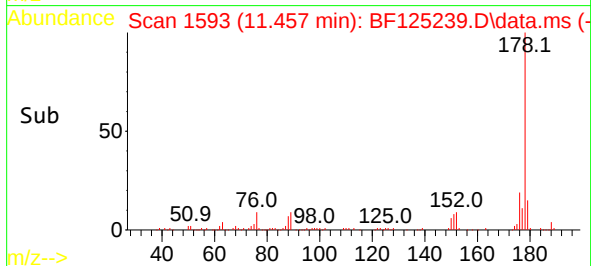
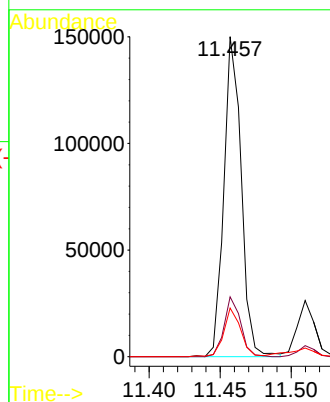
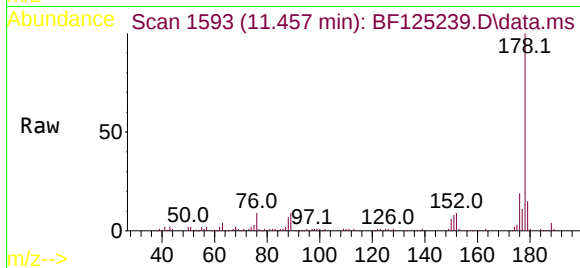




#71
Phenanthrene
Concen: 4.662 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

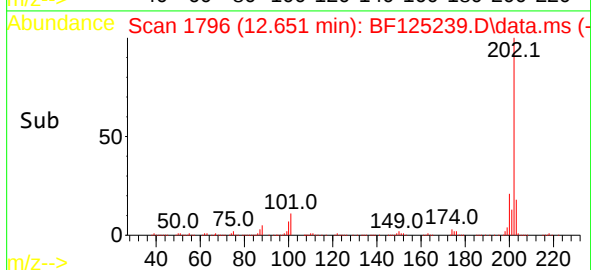
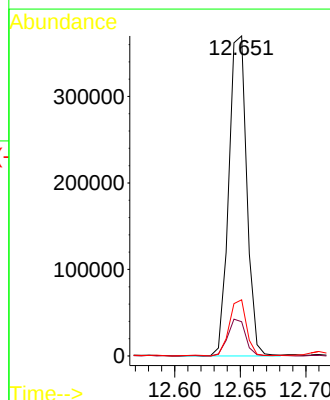
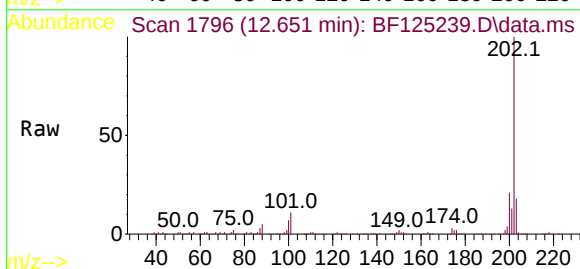
Instrument :
BNA_F
ClientSampleId :
VNJ-210

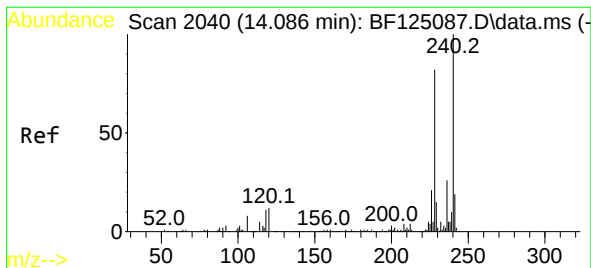
Tgt Ion:178 Resp: 127498
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.2 11.5 17.3



#75
Fluoranthene
Concen: 12.980 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

Tgt Ion:202 Resp: 352240
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.7
203 17.6 0.0 36.3

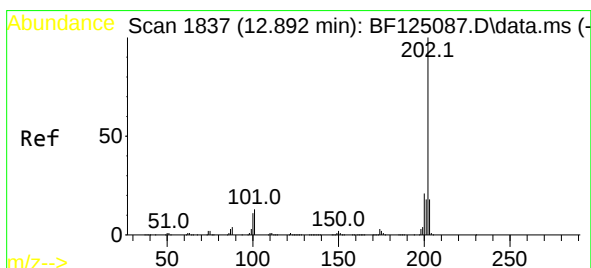
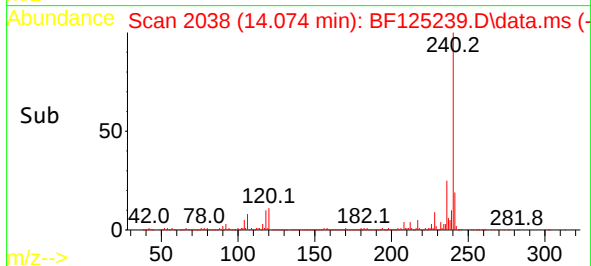
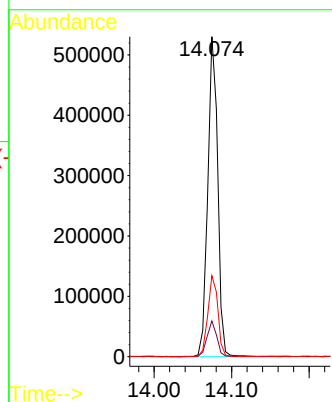
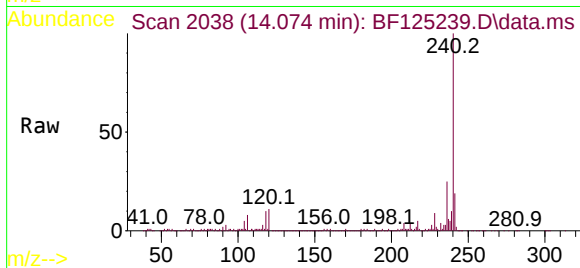




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

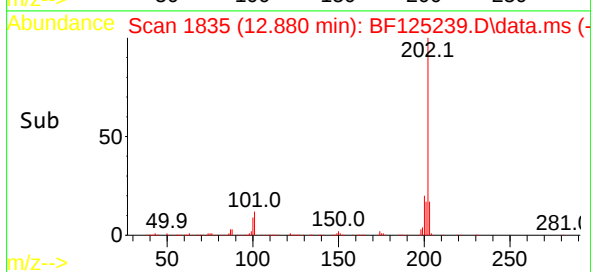
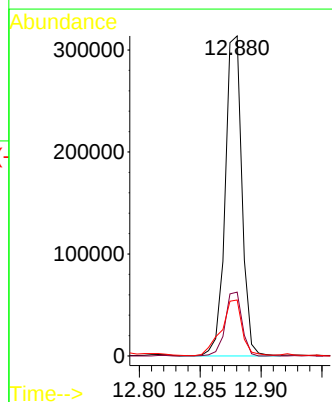
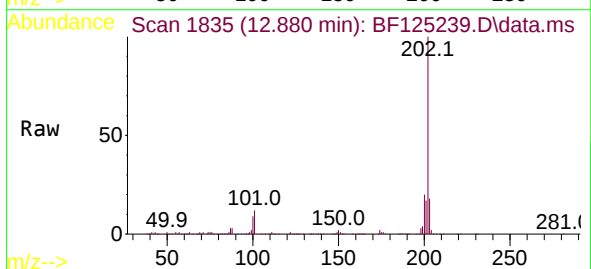
Instrument :
BNA_F
ClientSampleId :
VNJ-210

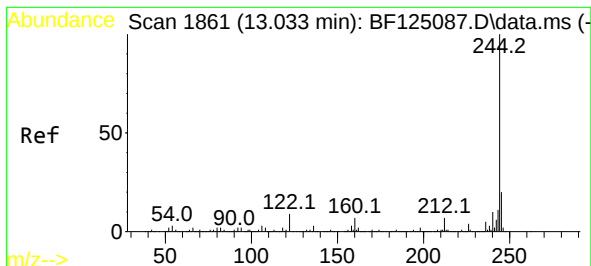
Tgt Ion:240 Resp: 472328
Ion Ratio Lower Upper
240 100
120 11.2 10.8 16.2
236 25.3 21.6 32.4



#78
Pyrene
Concen: 7.391 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

Tgt Ion:202 Resp: 299444
Ion Ratio Lower Upper
202 100
200 20.0 15.3 22.9
203 17.5 13.4 20.0





#79

Terphenyl-d14

Concen: 44.959 ng

RT: 13.022 min Scan# 1859

Delta R.T. 0.000 min

Lab File: BF125239.D

Acq: 26 Aug 2021 22:57

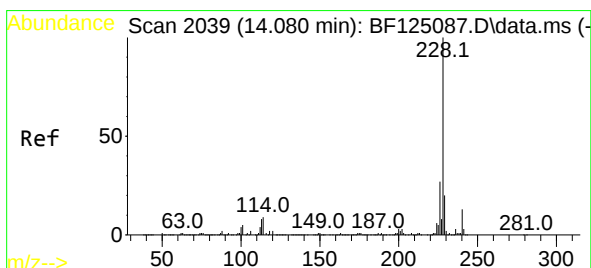
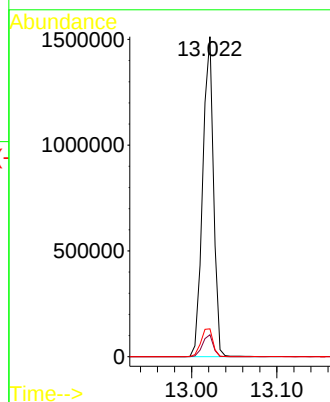
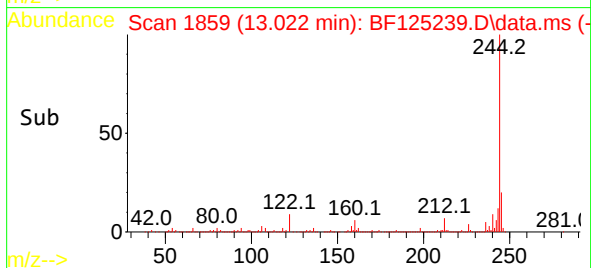
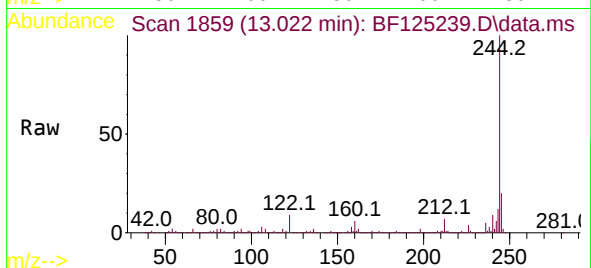
Tgt Ion:244 Resp: 1332972

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 8.7 9.0 13.4#



#81

Benzo(a)anthracene

Concen: 4.815 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF125239.D

Acq: 26 Aug 2021 22:57

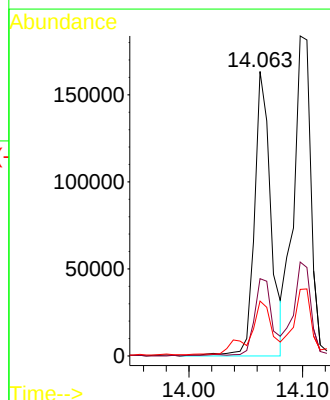
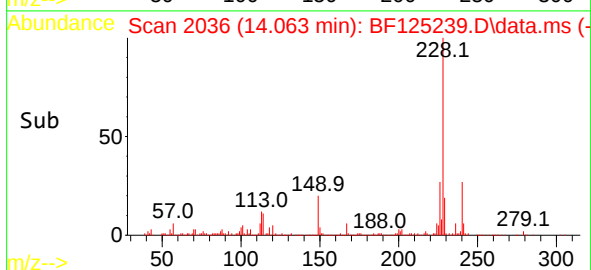
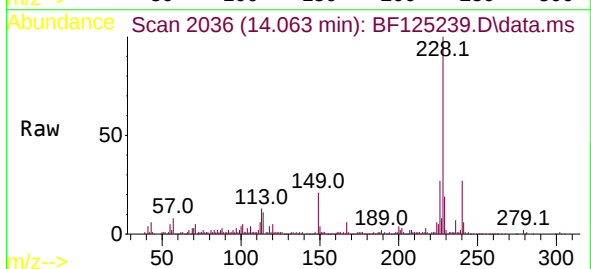
Tgt Ion:228 Resp: 163873

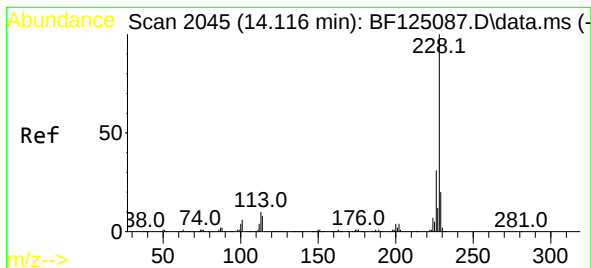
Ion Ratio Lower Upper

228 100

226 27.2 21.6 32.4

229 19.3 15.6 23.4





#83

Chrysene

Concen: 5.823 ng

RT: 14.098 min Scan# 2042

Delta R.T. -0.012 min

Lab File: BF125239.D

Acq: 26 Aug 2021 22:57

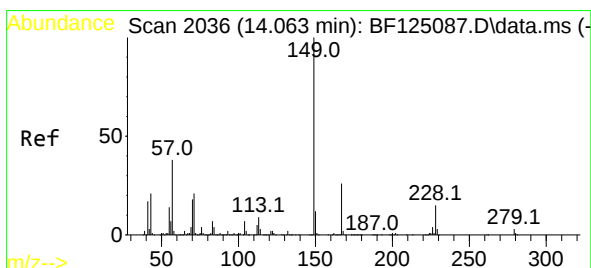
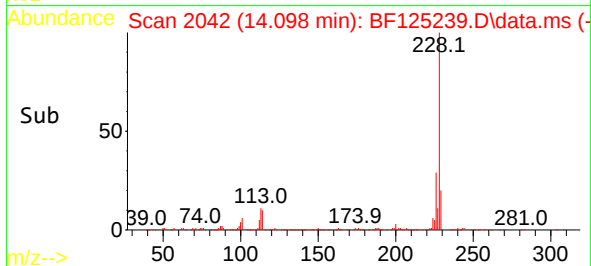
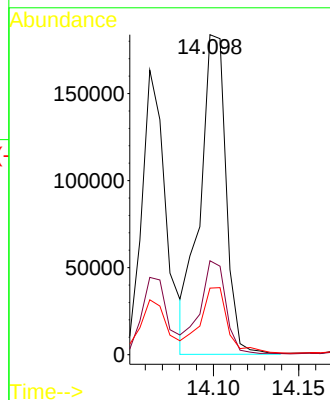
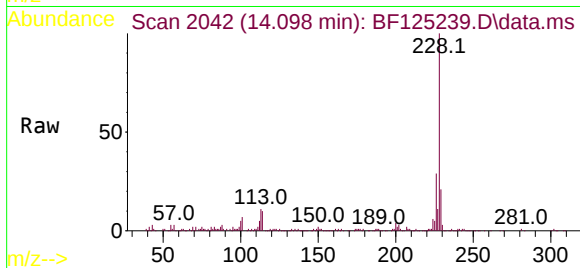
Tgt Ion:	228	Resp:	195982
Ion Ratio	Lower	Upper	
228	100		
226	29.3	22.6	34.0
229	20.8	15.9	23.9

Instrument :

BNA_F

ClientSampleId :

VNJ-210



#84

Bis(2-ethylhexyl)phthalate

Concen: 21.337 ng

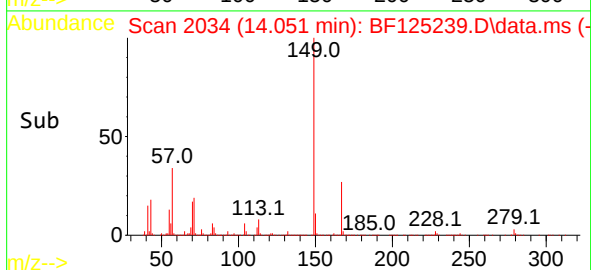
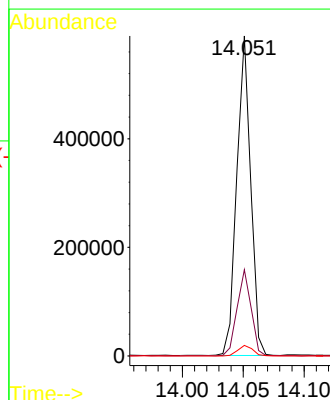
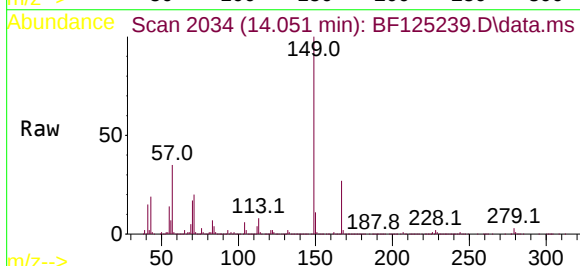
RT: 14.051 min Scan# 2034

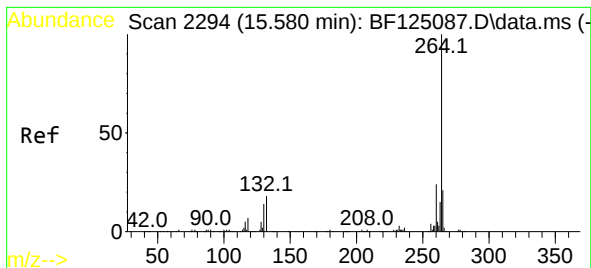
Delta R.T. -0.006 min

Lab File: BF125239.D

Acq: 26 Aug 2021 22:57

Tgt Ion:	149	Resp:	466886
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.4	32.0
279	3.3	2.6	4.0

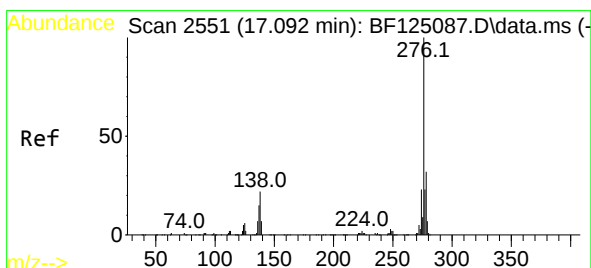
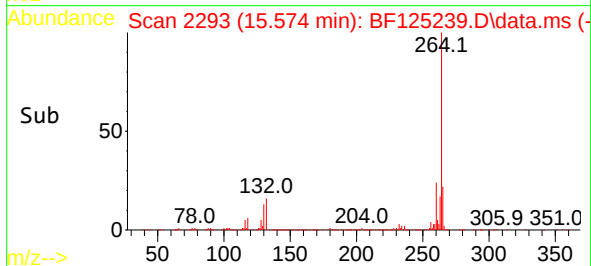
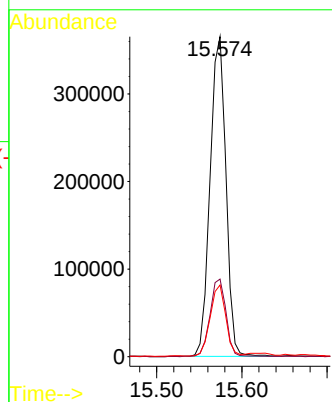
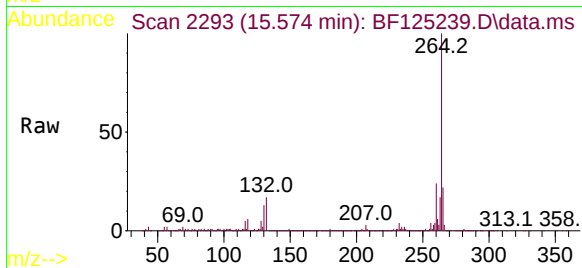




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

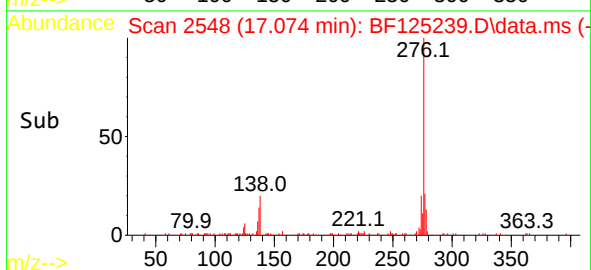
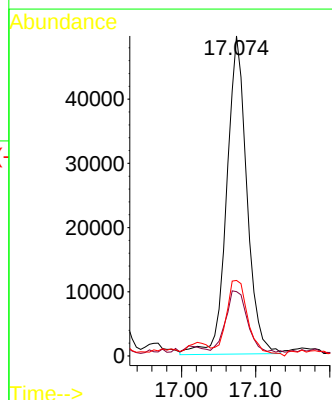
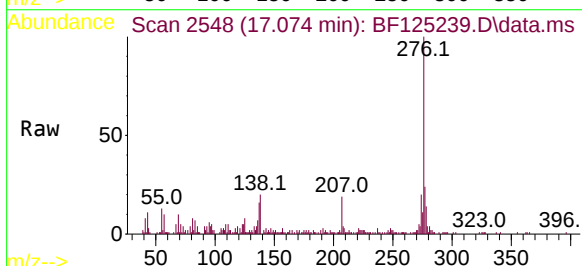
Instrument :
BNA_F
ClientSampleId :
VNJ-210

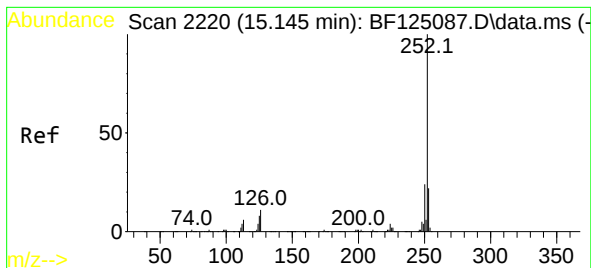
Tgt Ion:264 Resp: 472081
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 22.4 17.2 25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.750 ng
RT: 17.074 min Scan# 2548
Delta R.T. -0.017 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

Tgt Ion:276 Resp: 93517
Ion Ratio Lower Upper
276 100
138 21.5 24.1 36.1#
277 26.1 18.8 28.2





#88

Benzo(b)fluoranthene

Concen: 11.133 ng

RT: 15.127 min Scan# 2217

Delta R.T. -0.006 min

Lab File: BF125239.D

Acq: 26 Aug 2021 22:57

Instrument :

BNA_F

ClientSampleId :

VNJ-210

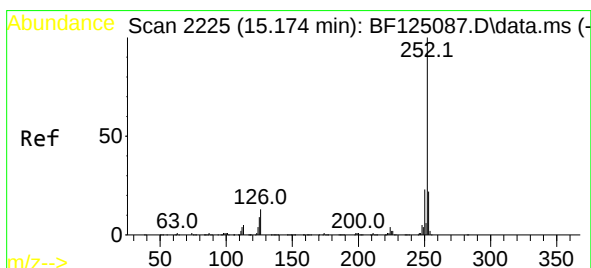
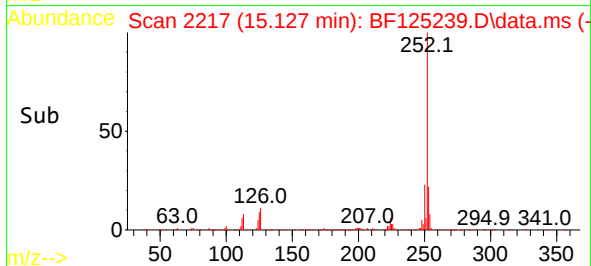
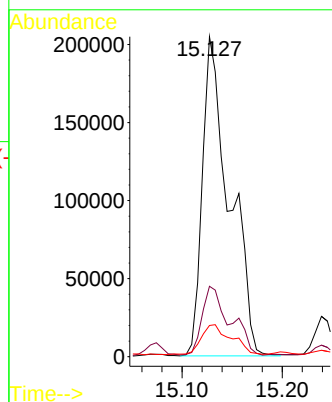
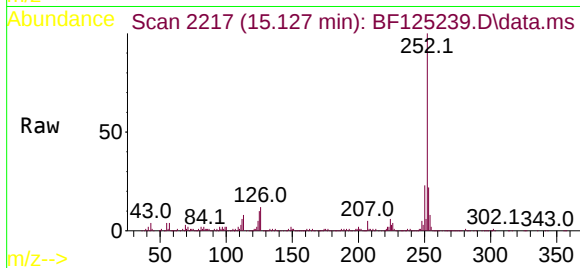
Tgt Ion:252 Resp: 383970

Ion Ratio Lower Upper

252 100

253 22.0 16.8 25.2

125 9.8 9.8 14.8#



#89

Benzo(k)fluoranthene

Concen: 11.931 ng

RT: 15.127 min Scan# 2217

Delta R.T. -0.041 min

Lab File: BF125239.D

Acq: 26 Aug 2021 22:57

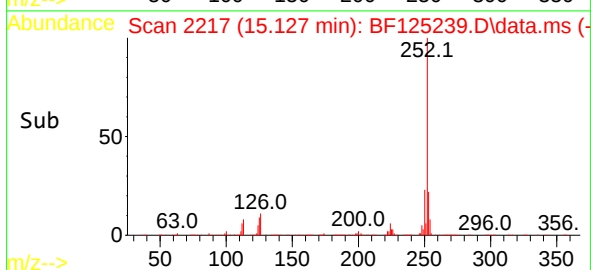
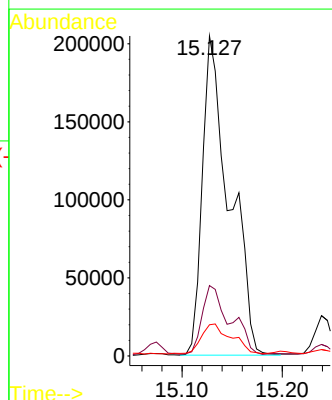
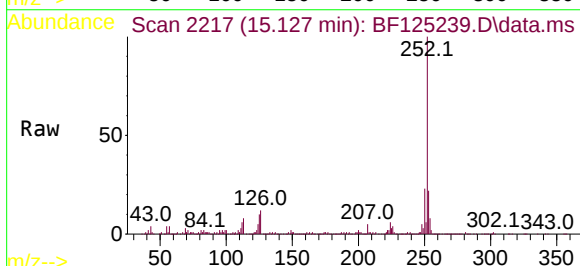
Tgt Ion:252 Resp: 383970

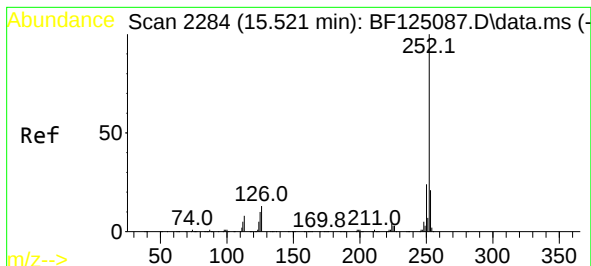
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 9.8 7.2 10.8

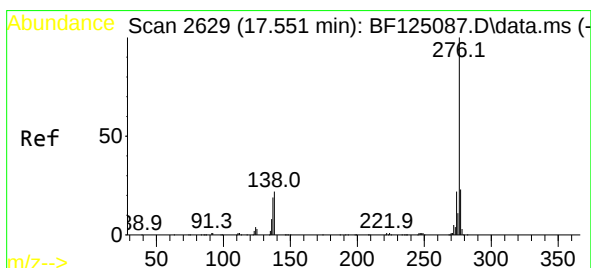
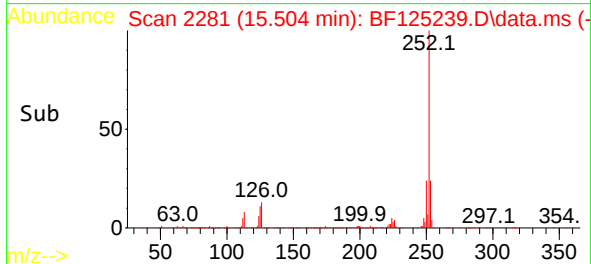
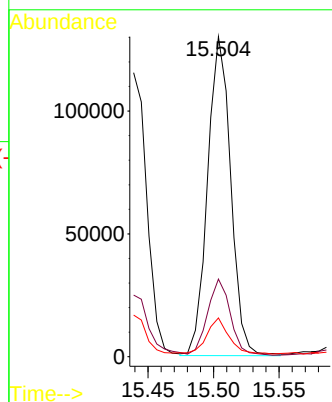
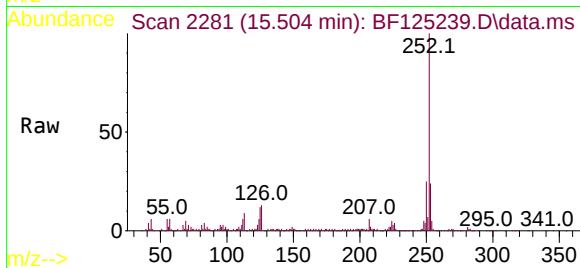




#90
Benzo(a)pyrene
Concen: 5.243 ng
RT: 15.504 min Scan# 2281
Delta R.T. -0.012 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

Instrument :
BNA_F
ClientSampleId :
VNJ-210

Tgt Ion:252 Resp: 159721
Ion Ratio Lower Upper
252 100
253 24.3 18.4 27.6
125 12.1 9.9 14.9



#92
Benzo(g,h,i)perylene
Concen: 2.934 ng
RT: 17.533 min Scan# 2626
Delta R.T. -0.017 min
Lab File: BF125239.D
Acq: 26 Aug 2021 22:57

Tgt Ion:276 Resp: 83178
Ion Ratio Lower Upper
276 100
277 23.0 22.0 33.0
138 20.2 22.2 33.4#

