

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082621\
 Data File : BF125243.D
 Acq On : 27 Aug 2021 1:08
 Operator : JU/CG
 Sample : M3546-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPR-4-COMP

Quant Time: Aug 27 05:05:59 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)

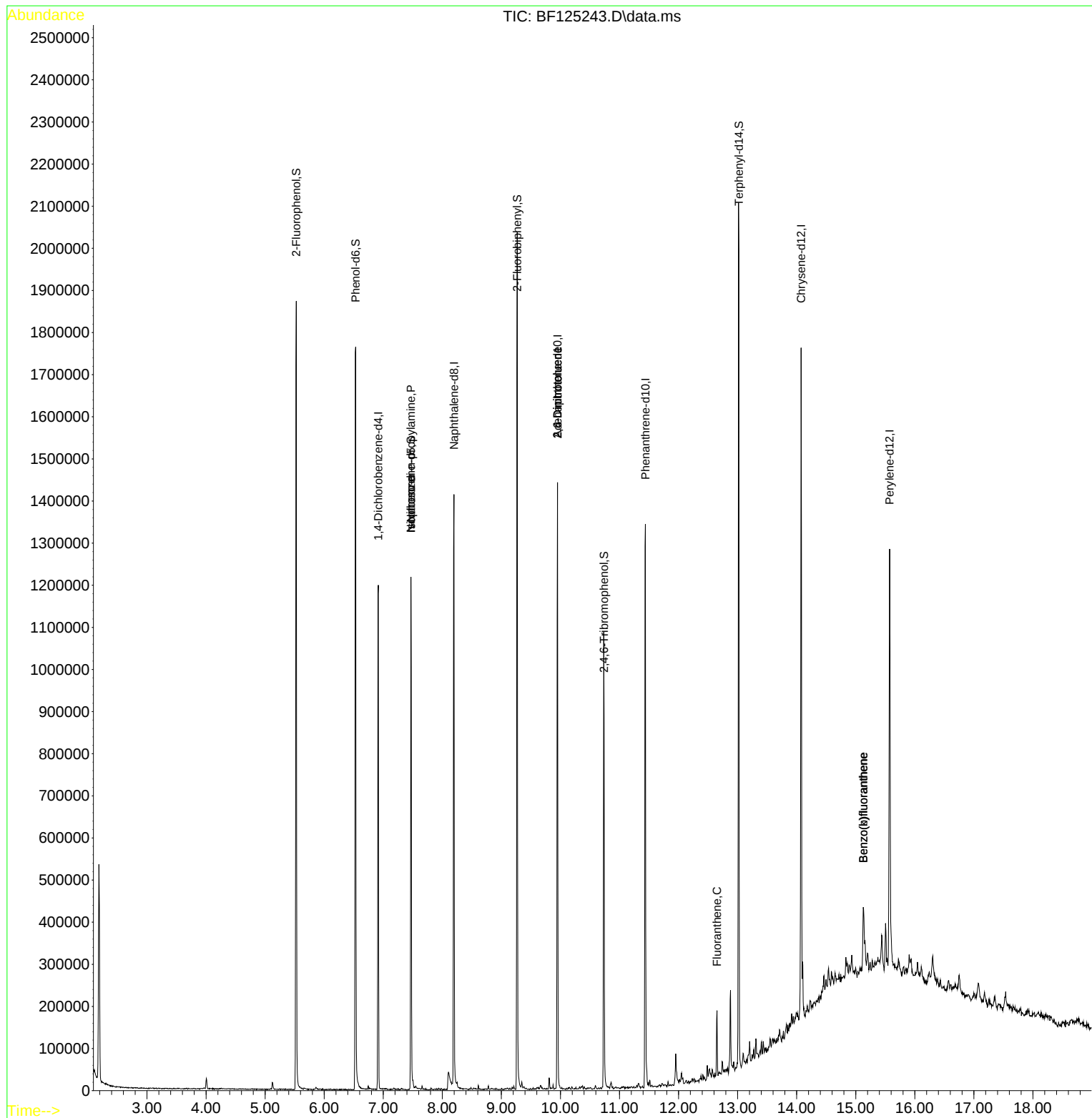
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	178060	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	632236	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	296386	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	520725	20.000	ng	0.00
76) Chrysene-d12	14.074	240	508212	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	456811	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	489654	41.623	ng	0.00
7) Phenol-d6	6.534	99	592418	38.937	ng	0.00
23) Nitrobenzene-d5	7.469	82	367152	29.236	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	131814	44.553	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	638832	30.041	ng	0.00
79) Terphenyl-d14	13.022	244	734376	23.020	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	49408	5.399	ng	# 57
25) Isophorone	7.469	82	367148	15.155	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	36649	8.229	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	36649	6.799	ng	# 19
75) Fluoranthene	12.651	202	61229	2.151	ng	98
88) Benzo(b)fluoranthene	15.127	252	99486	2.981	ng	# 93
89) Benzo(k)fluoranthene	15.127	252	99486	3.195	ng	# 92

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

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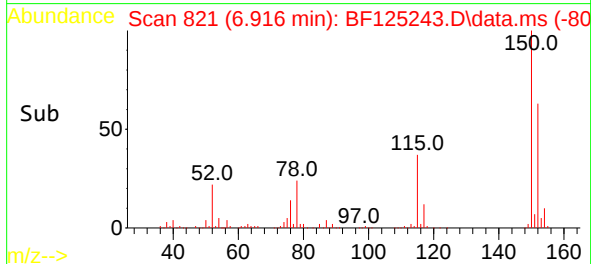
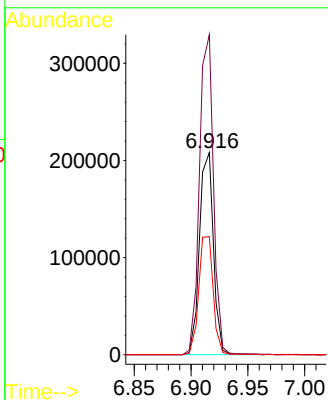
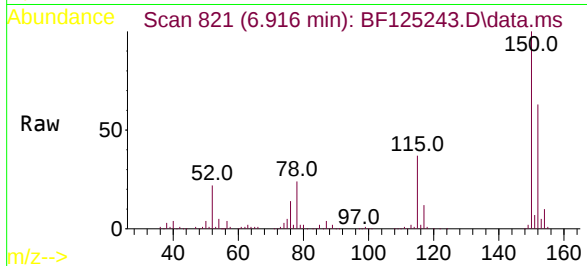




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF125243.D
Acq: 27 Aug 2021 1:08

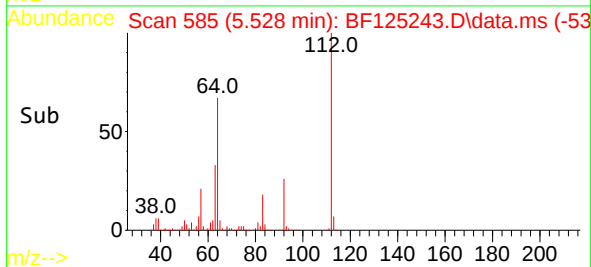
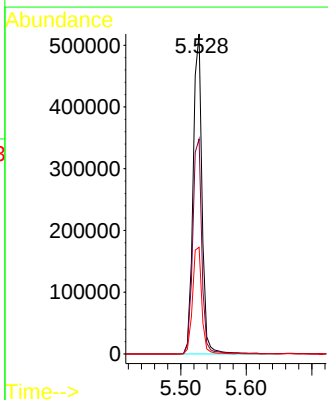
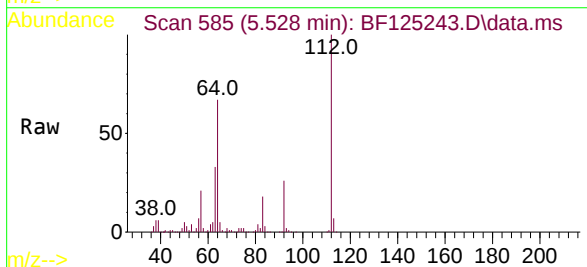
Instrument :
BNA_F
ClientSampleId :
TPR-4-COMP

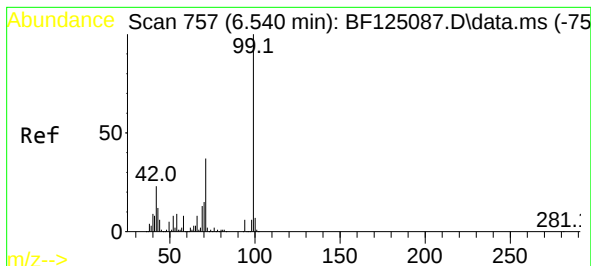
Tgt Ion:152 Resp: 178060
Ion Ratio Lower Upper
152 100
150 158.4 117.6 176.4
115 58.4 47.1 70.7



#5
2-Fluorophenol
Concen: 41.623 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.000 min
Lab File: BF125243.D
Acq: 27 Aug 2021 1:08

Tgt Ion:112 Resp: 489654
Ion Ratio Lower Upper
112 100
64 67.2 44.2 66.2#
63 33.4 26.2 39.2





#7

Phenol-d6

Concen: 38.937 ng

RT: 6.534 min Scan# 756

Delta R.T. -0.006 min

Lab File: BF125243.D

Acq: 27 Aug 2021 1:08

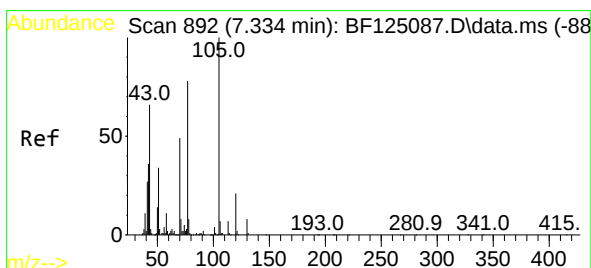
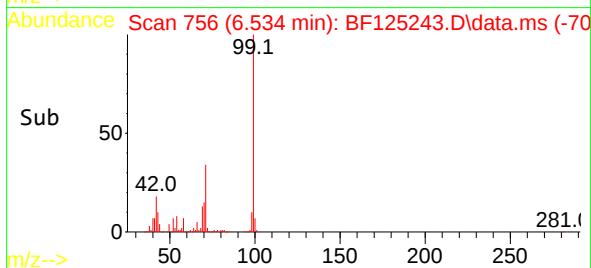
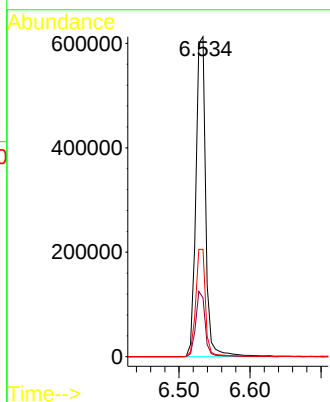
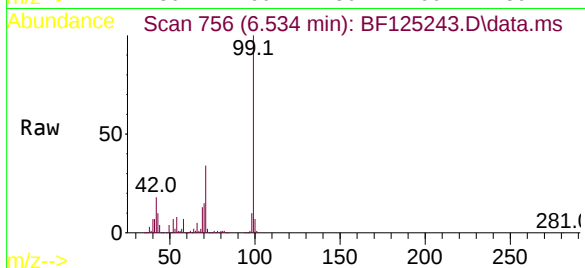
Tgt Ion: 99 Resp: 592418

Ion Ratio Lower Upper

99 100

42 18.4 23.5 35.3#

71 33.6 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 5.399 ng

RT: 7.469 min Scan# 915

Delta R.T. 0.141 min

Lab File: BF125243.D

Acq: 27 Aug 2021 1:08

Tgt Ion: 70 Resp: 49408

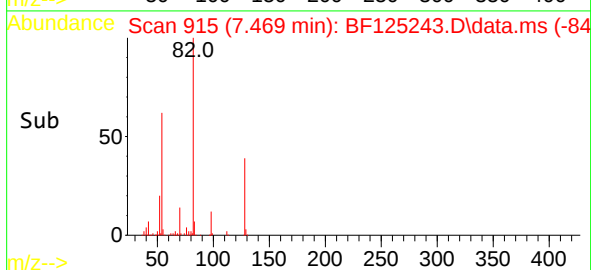
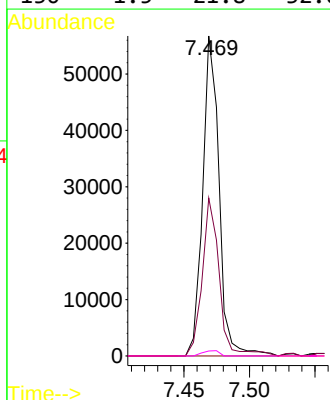
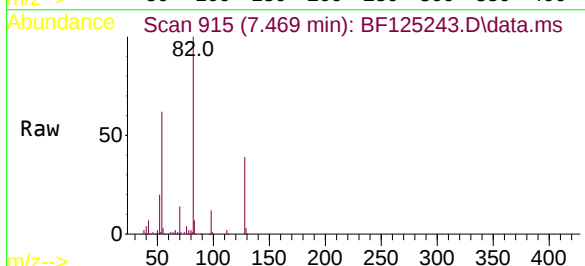
Ion Ratio Lower Upper

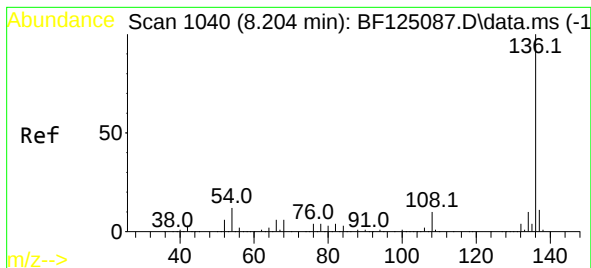
70 100

42 49.4 72.2 108.2#

101 0.0 7.8 11.8#

130 1.5 21.8 32.6#

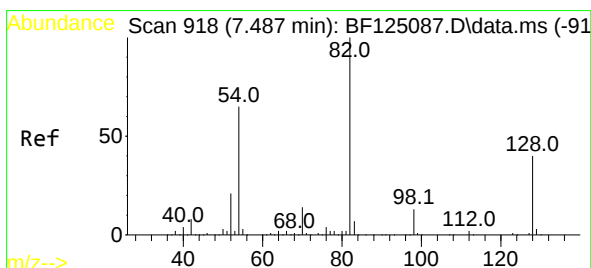
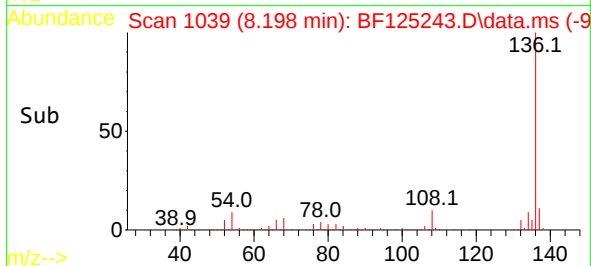
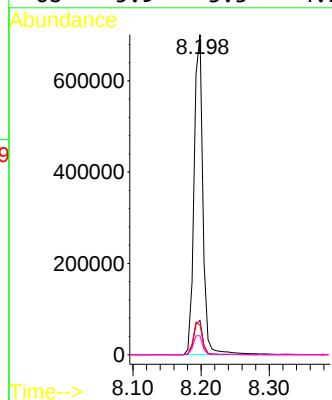
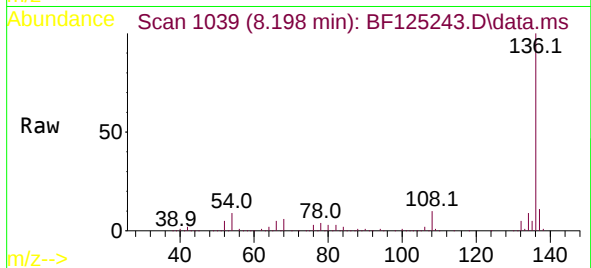




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125243.D
Acq: 27 Aug 2021 1:08

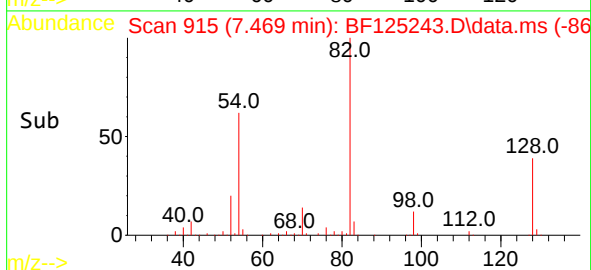
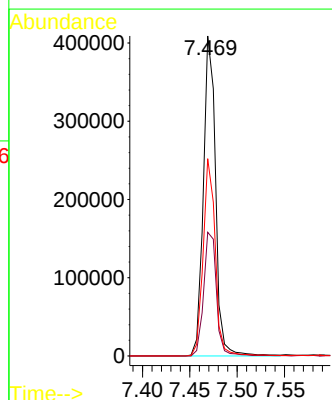
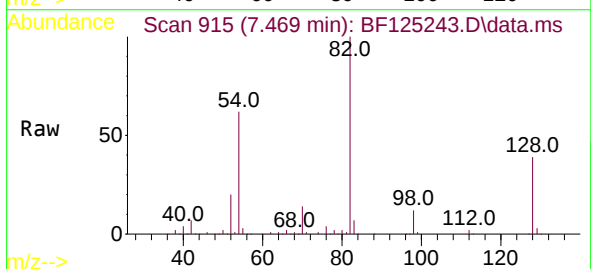
Instrument :
BNA_F
ClientSampleId :
TPR-4-COMP

Tgt Ion:136 Resp: 632236
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 9.3 6.4 9.6
68 5.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 29.236 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125243.D
Acq: 27 Aug 2021 1:08

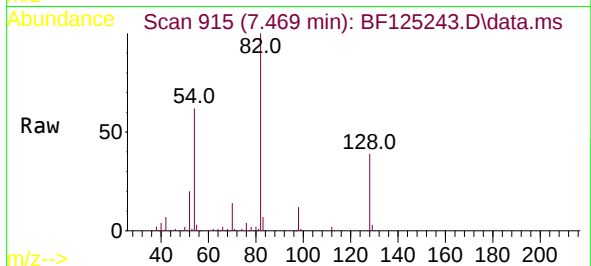
Tgt Ion: 82 Resp: 367152
Ion Ratio Lower Upper
82 100
128 38.6 40.6 60.8#
54 61.6 49.6 74.4



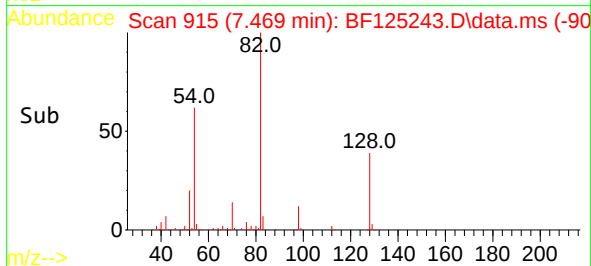
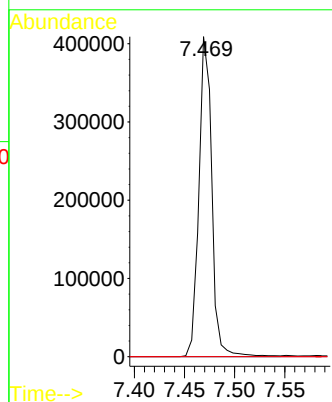


#25
Isophorone
Concen: 15.155 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.265 min
Lab File: BF125243.D
Acq: 27 Aug 2021 1:08

Instrument :
BNA_F
ClientSampleId :
TPR-4-COMP

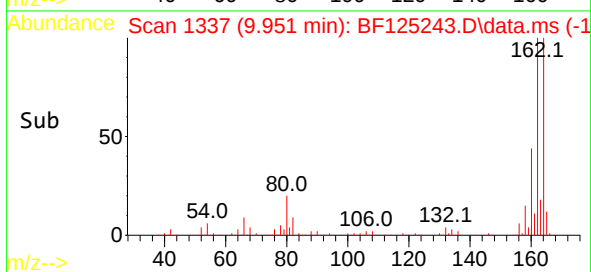
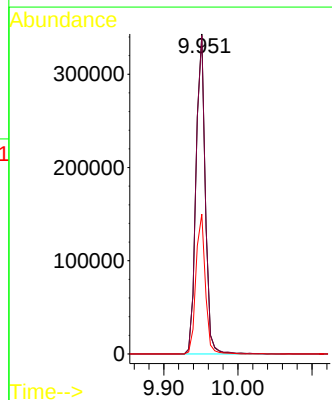
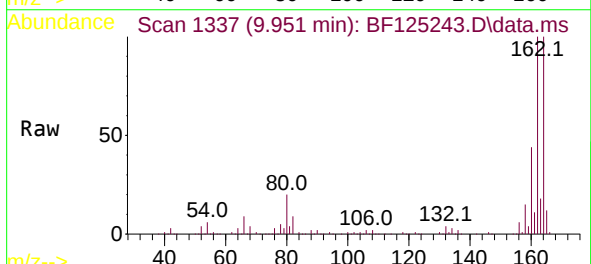


Tgt Ion: 82 Resp: 367148
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125243.D
Acq: 27 Aug 2021 1:08

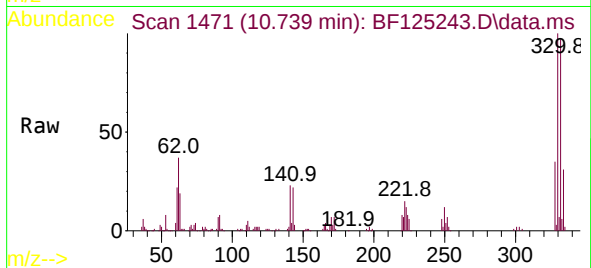
Tgt Ion: 164 Resp: 296386
Ion Ratio Lower Upper
164 100
162 99.5 81.3 121.9
160 43.7 38.0 57.0



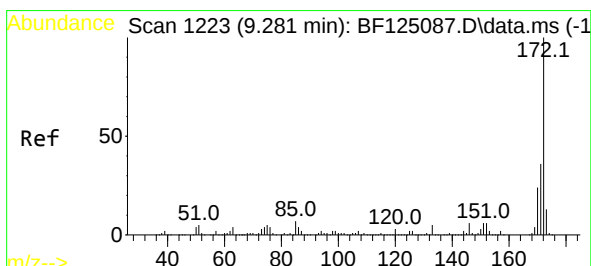
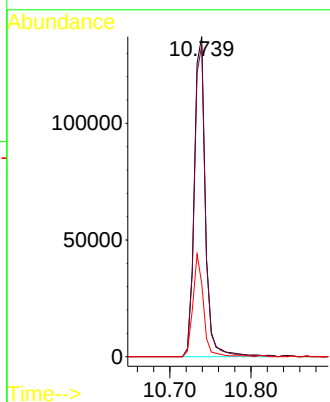
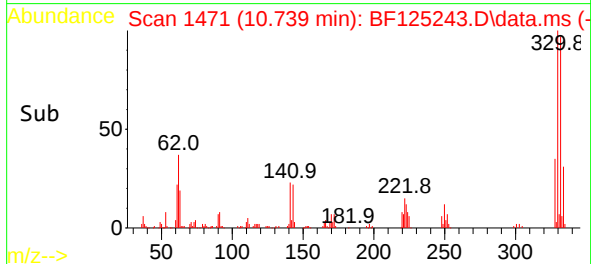


#42
2,4,6-Tribromophenol
Concen: 44.553 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125243.D
Acq: 27 Aug 2021 1:08

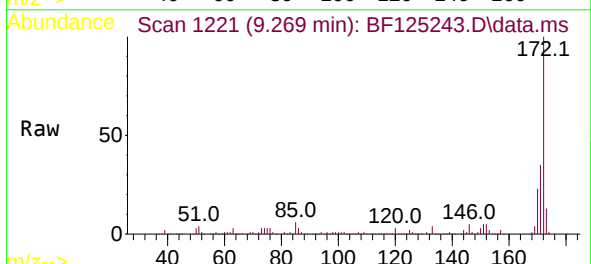
Instrument :
BNA_F
ClientSampleId :
TPR-4-COMP



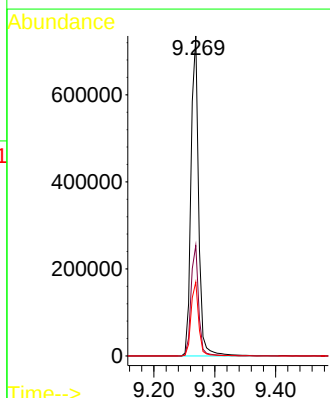
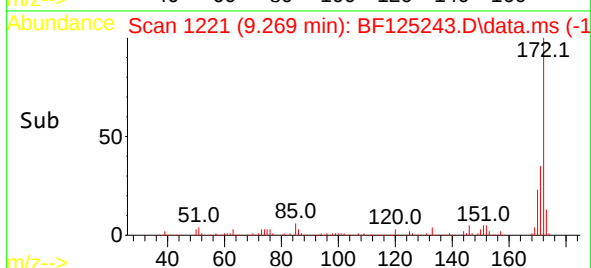
Tgt Ion:330 Resp: 131814
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 29.8 44.6 66.8#

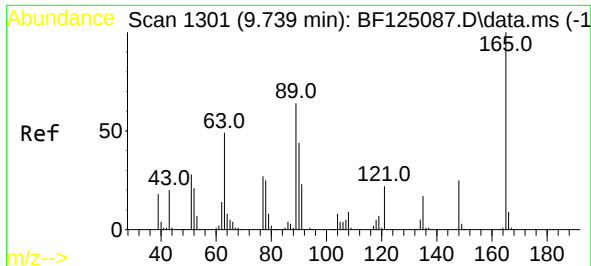


#45
2-Fluorobiphenyl
Concen: 30.041 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125243.D
Acq: 27 Aug 2021 1:08



Tgt Ion:172 Resp: 638832
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 23.1 18.8 28.2

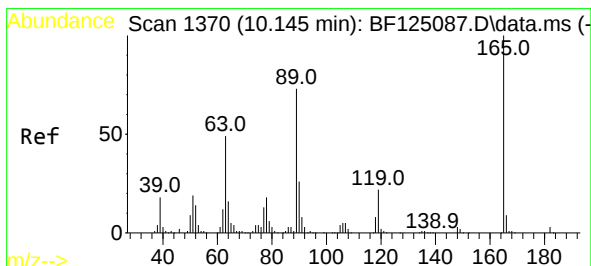
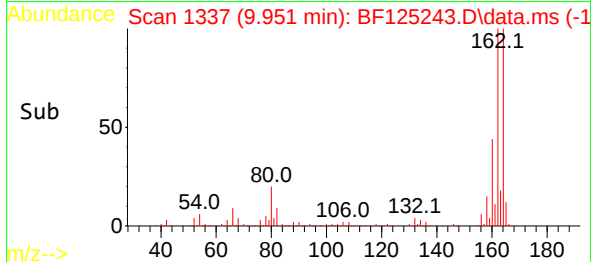
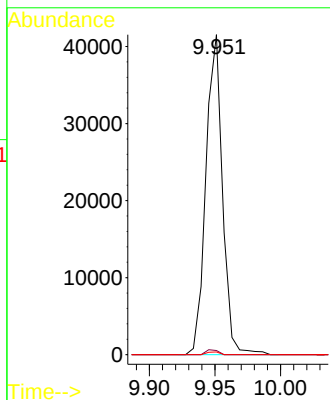
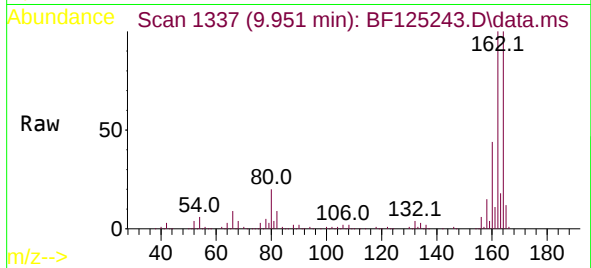




#51
2,6-Dinitrotoluene
Concen: 8.229 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125243.D
Acq: 27 Aug 2021 1:08

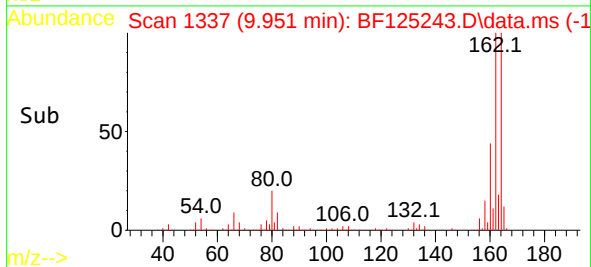
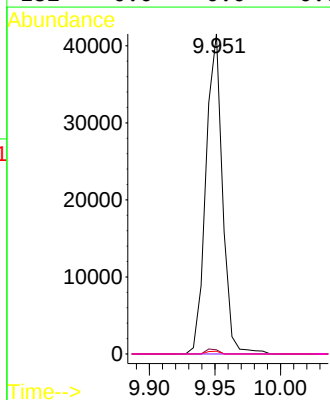
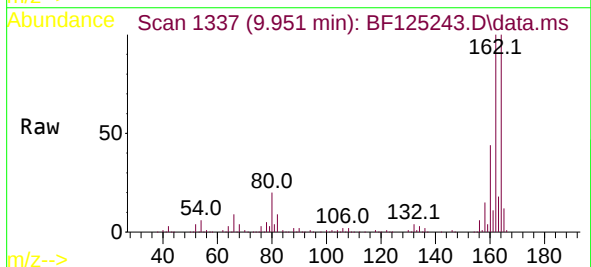
Instrument :
BNA_F
ClientSampleId :
TPR-4-COMP

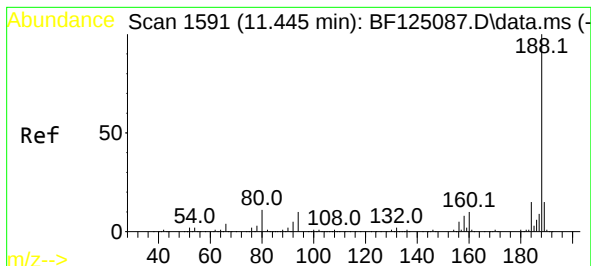
Tgt Ion:165 Resp: 36649
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.799 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125243.D
Acq: 27 Aug 2021 1:08

Tgt Ion:165 Resp: 36649
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

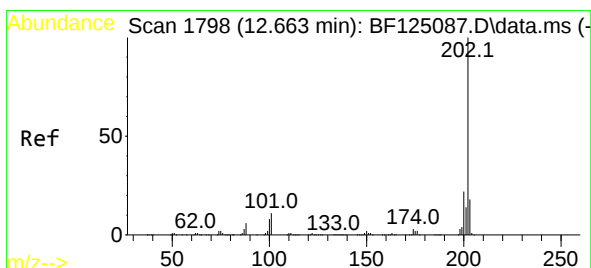
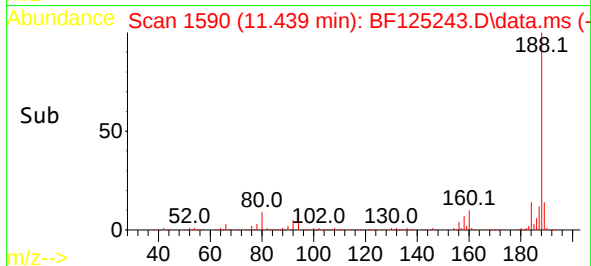
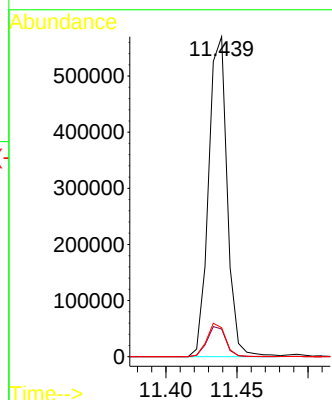
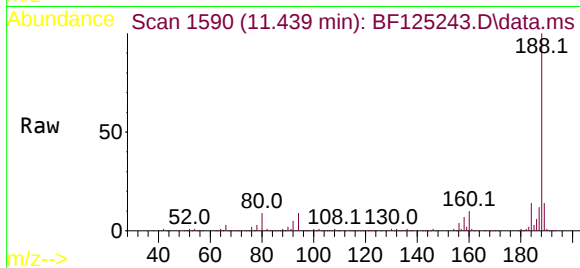




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125243.D
Acq: 27 Aug 2021 1:08

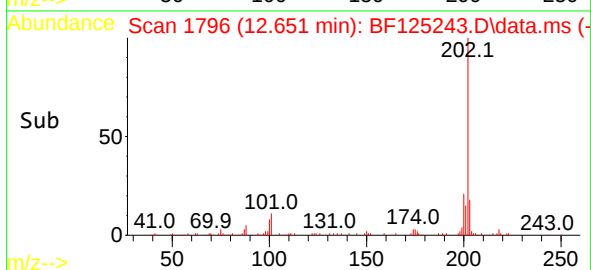
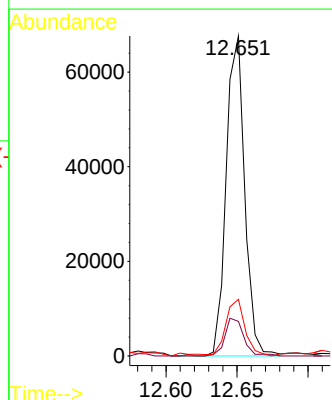
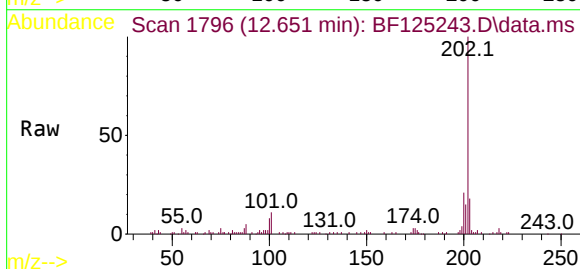
Instrument :
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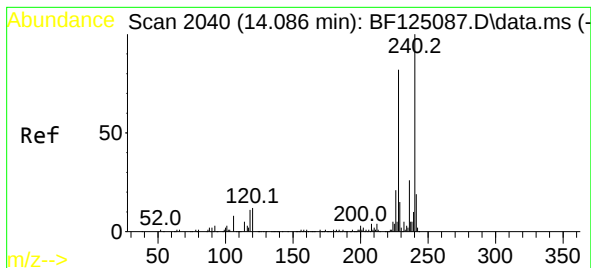
Tgt Ion:188 Resp: 520725
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.0 7.5 11.3



#75
Fluoranthene
Concen: 2.151 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF125243.D
Acq: 27 Aug 2021 1:08

Tgt Ion:202 Resp: 61229
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.7
203 17.7 0.0 36.3

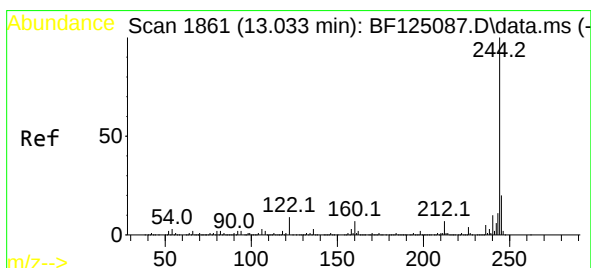
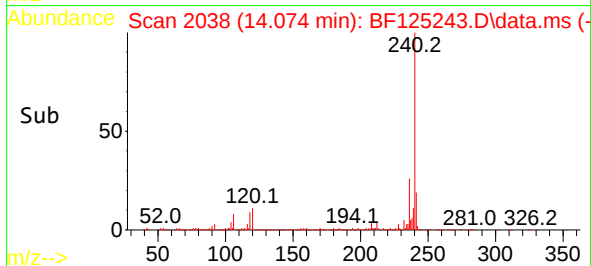
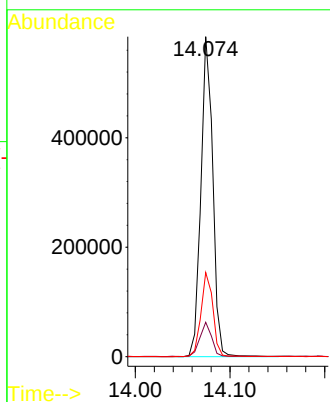
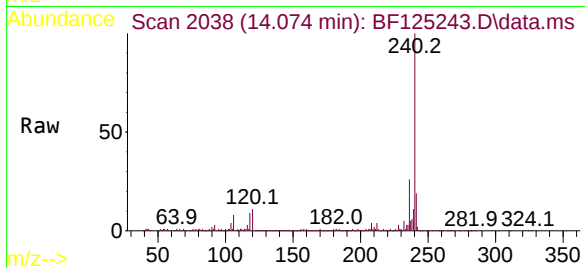




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125243.D
Acq: 27 Aug 2021 1:08

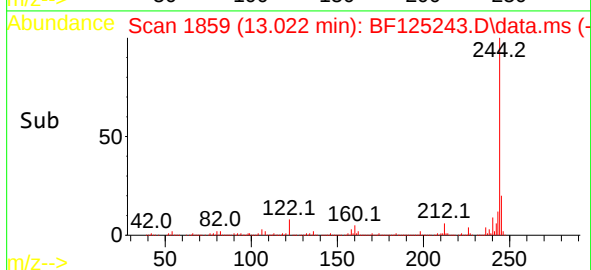
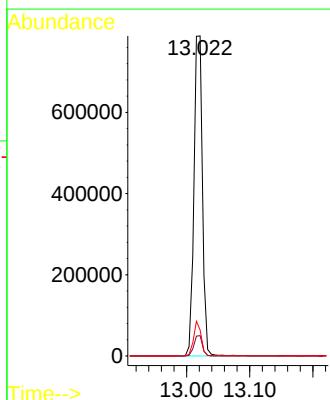
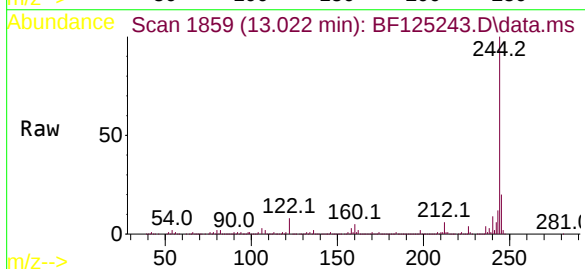
Instrument :
BNA_F
ClientSampleId :
TPR-4-COMP

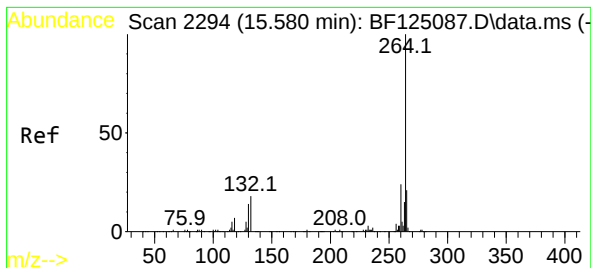
Tgt Ion:240 Resp: 508212
Ion Ratio Lower Upper
240 100
120 10.7 10.8 16.2#
236 26.3 21.6 32.4



#79
Terphenyl-d14
Concen: 23.020 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125243.D
Acq: 27 Aug 2021 1:08

Tgt Ion:244 Resp: 734376
Ion Ratio Lower Upper
244 100
212 6.3 5.9 8.9
122 8.1 9.0 13.4#

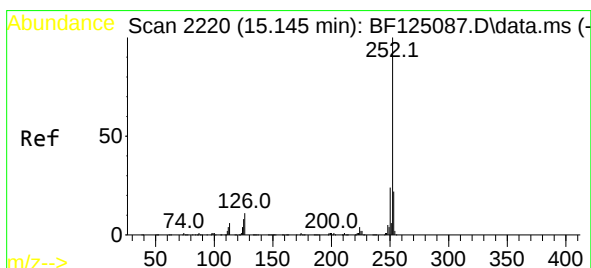
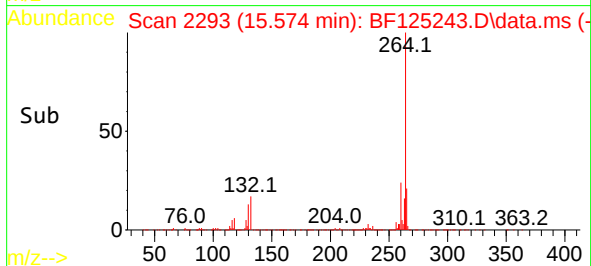
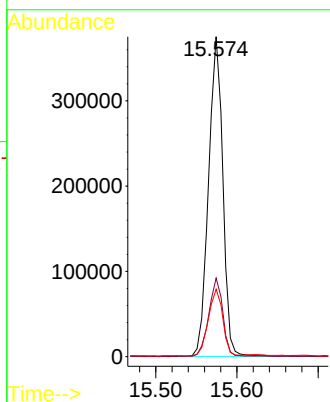
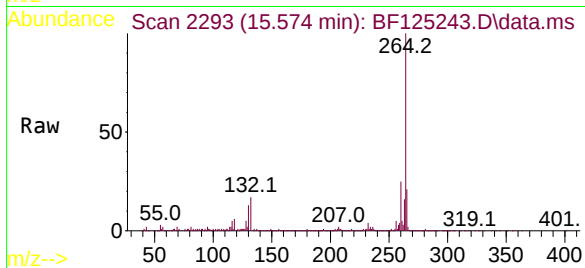




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF125243.D
Acq: 27 Aug 2021 1:08

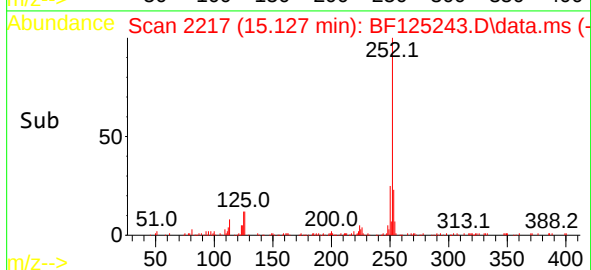
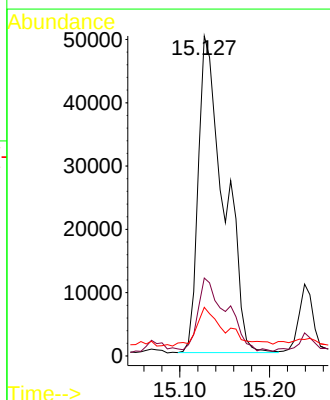
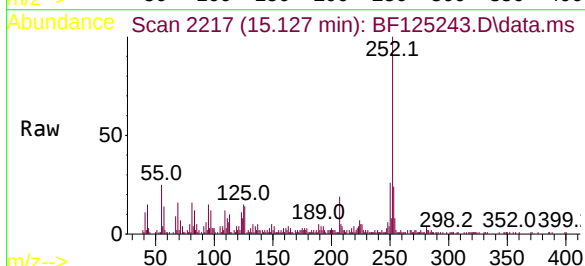
Instrument :
BNA_F
ClientSampleId :
TPR-4-COMP

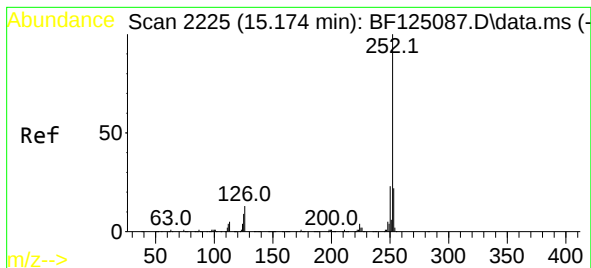
Tgt Ion:264 Resp: 456811
Ion Ratio Lower Upper
264 100
260 24.6 19.6 29.4
265 21.1 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 2.981 ng
RT: 15.127 min Scan# 2217
Delta R.T. -0.006 min
Lab File: BF125243.D
Acq: 27 Aug 2021 1:08

Tgt Ion:252 Resp: 99486
Ion Ratio Lower Upper
252 100
253 24.4 16.8 25.2
125 15.2 9.8 14.8#





#89

Benzo(k)fluoranthene

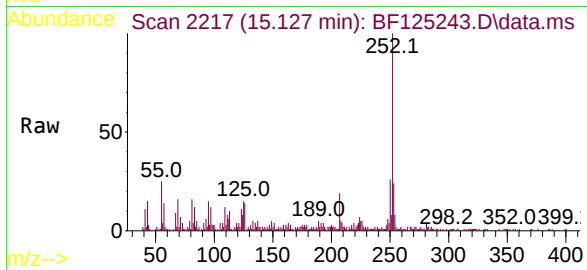
Concen: 3.195 ng

RT: 15.127 min Scan# 2217

Delta R.T. -0.041 min

Lab File: BF125243.D

Acq: 27 Aug 2021 1:08



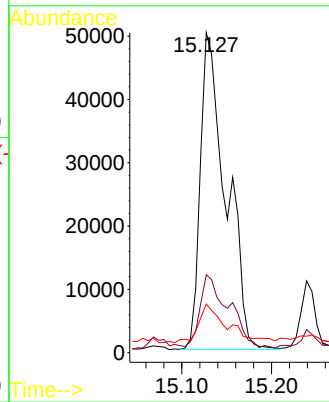
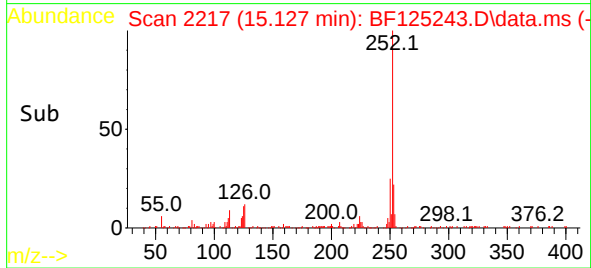
Tgt Ion:252 Resp: 99486

Ion Ratio Lower Upper

252 100

253 24.4 17.8 26.8

125 15.2 7.2 10.8#



Instrument :

BNA_F

ClientSampleId :

TPR-4-COMP