

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
 Data File : BF125967.D
 Acq On : 27 Oct 2021 17:07
 Operator : JU/CG
 Sample : M4372-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6

Quant Time: Oct 28 08:59:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 25 18:49:16 2021
 Response via : Initial Calibration

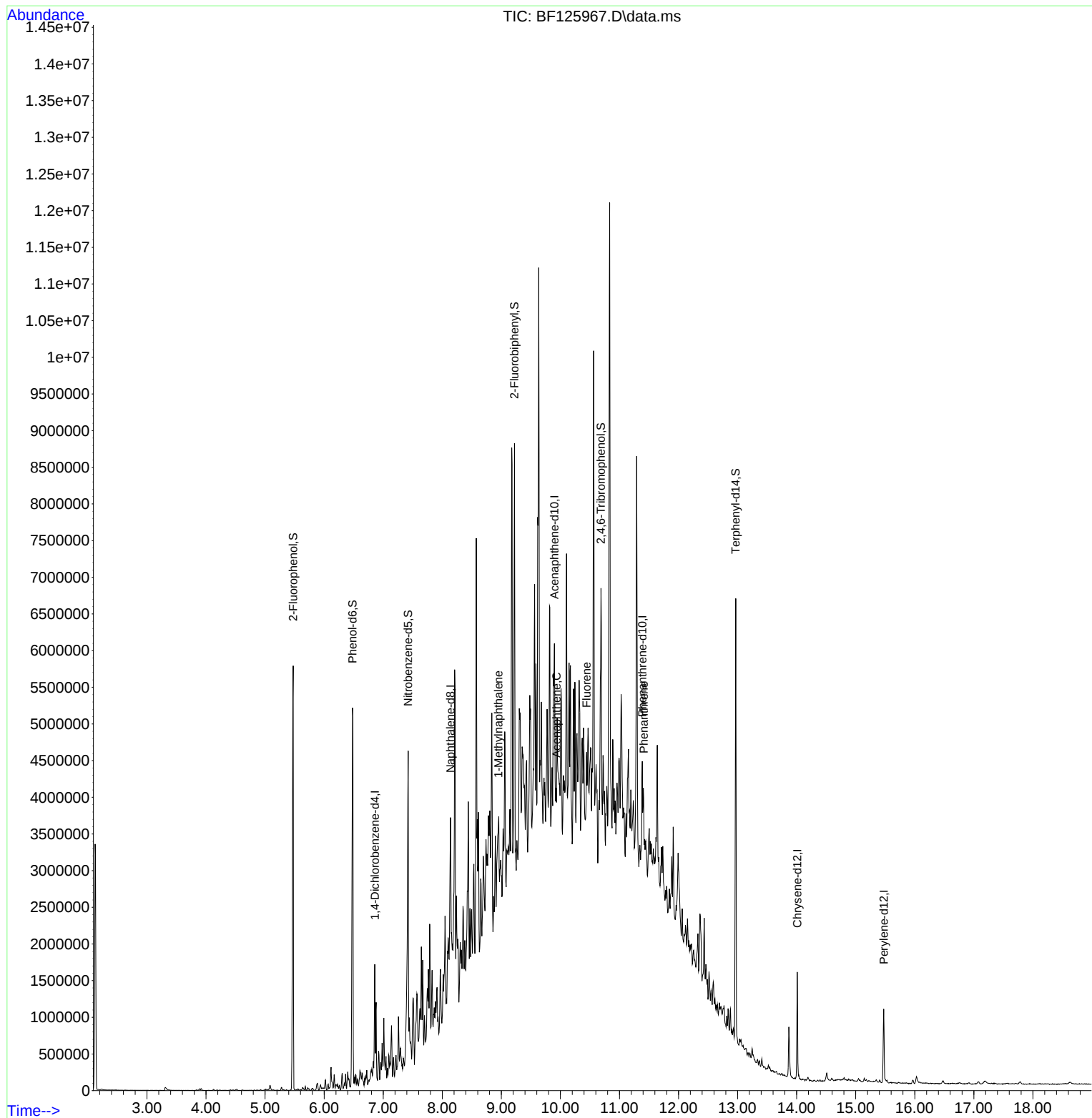
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	168922	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	622829	20.000	ng	#-0.02
39) Acenaphthene-d10	9.898	164	316668	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	608724	20.000	ng	0.00
76) Chrysene-d12	14.010	240	463015	20.000	ng	-0.02
86) Perylene-d12	15.474	264	424129	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1566661	138.146	ng	0.00
7) Phenol-d6	6.481	99	2027980	130.378	ng	-0.01
23) Nitrobenzene-d5	7.422	82	1322702	109.697	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	446254	161.655	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1834900	102.470	ng	-0.01
79) Terphenyl-d14	12.969	244	2160605	76.329	ng	-0.01
Target Compounds						Qvalue
38) 1-Methylnaphthalene	8.951	142	172558	8.771	ng	88
52) Acenaphthene	9.933	154	49862	2.905	ng	# 78
58) Fluorene	10.445	166	102273	2.026	ng	# 87
71) Phenanthrene	11.410	178	283144	8.964	ng	# 88

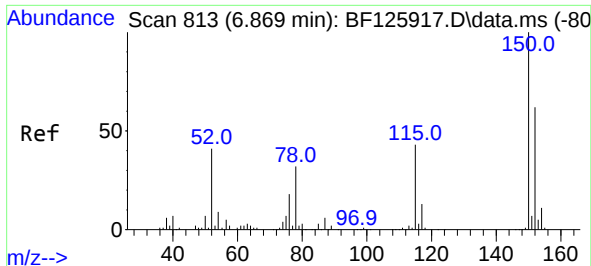
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125967.D
Acq On : 27 Oct 2021 17:07
Operator : JU/CG
Sample : M4372-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6

Quant Time: Oct 28 08:59:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 18:49:16 2021
Response via : Initial Calibration

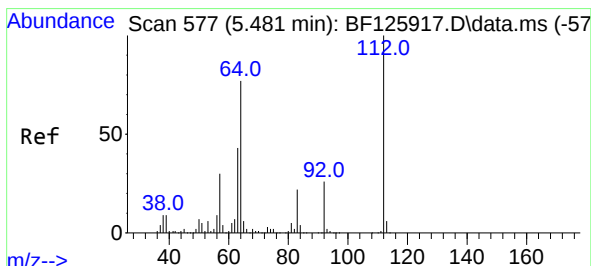
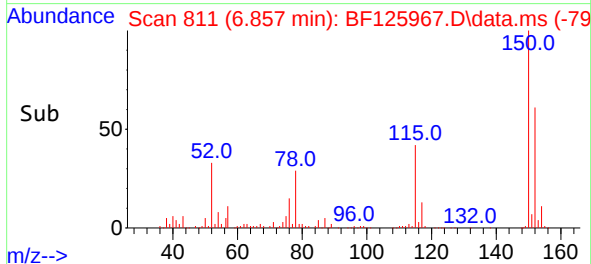
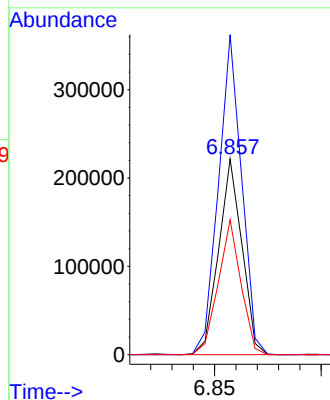
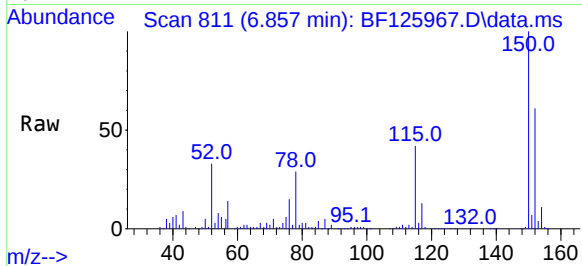




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF125967.D
Acq: 27 Oct 2021 17:07

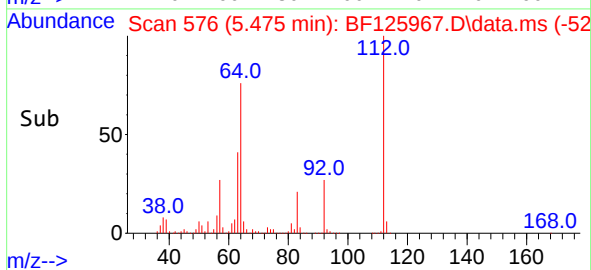
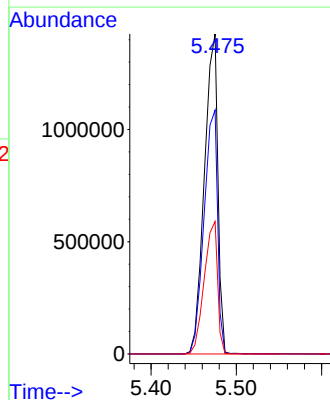
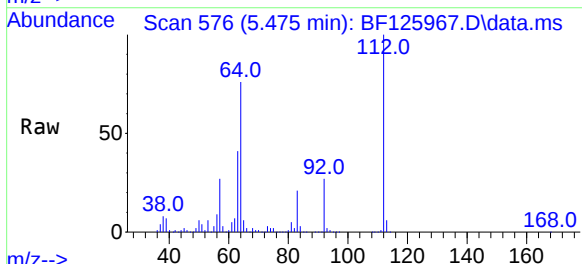
Instrument :
BNA_F
ClientSampleId :
SB-6

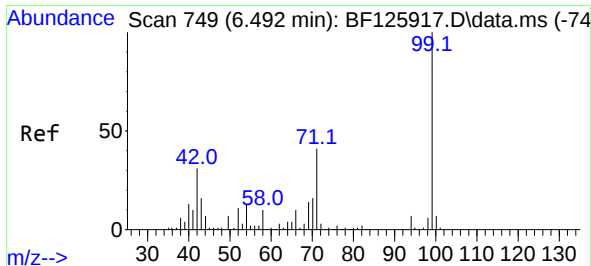
Tgt Ion:152 Resp: 168922
Ion Ratio Lower Upper
152 100
150 163.5 117.6 176.4
115 68.9 47.1 70.7



#5
2-Fluorophenol
Concen: 138.146 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF125967.D
Acq: 27 Oct 2021 17:07

Tgt Ion:112 Resp: 1566661
Ion Ratio Lower Upper
112 100
64 76.2 44.2 66.2#
63 41.4 26.2 39.2#



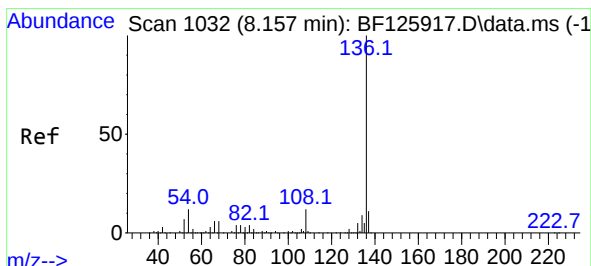
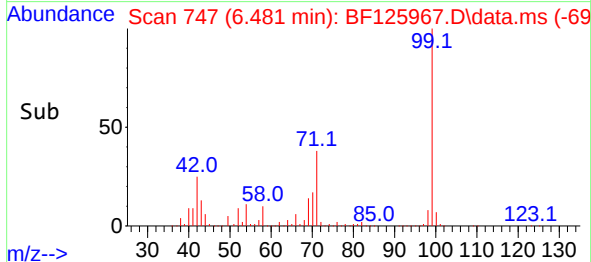
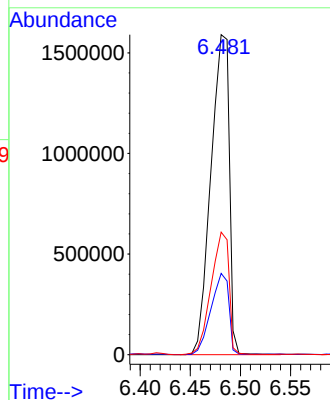
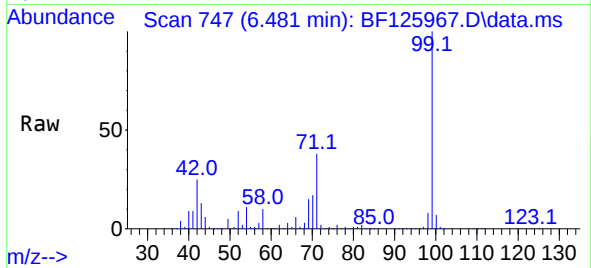


#7
Phenol-d6
Concen: 130.378 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF125967.D
Acq: 27 Oct 2021 17:07

Instrument :
BNA_F
ClientSampleId :
SB-6

Tgt Ion: 99 Resp: 2027980

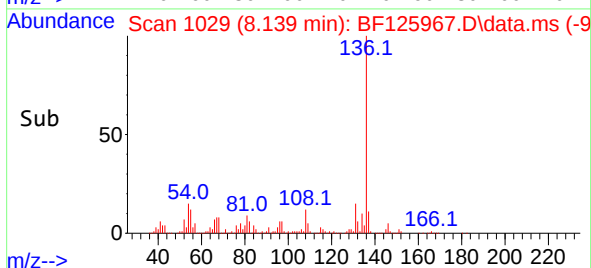
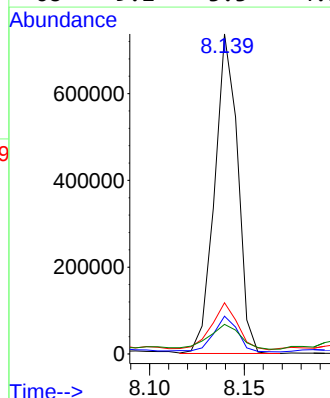
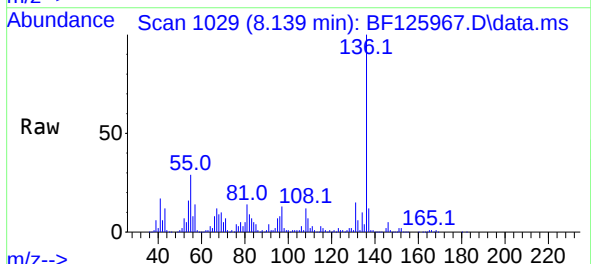
Ion	Ratio	Lower	Upper
99	100		
42	25.4	23.5	35.3
71	38.3	25.6	38.4

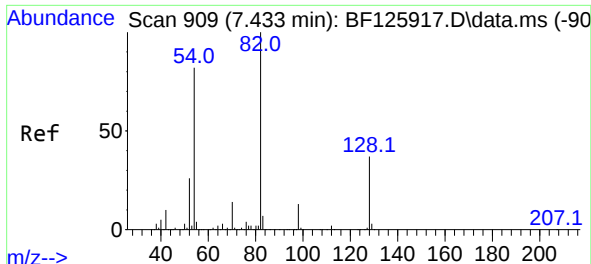


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF125967.D
Acq: 27 Oct 2021 17:07

Tgt Ion:136 Resp: 622829

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.8	14.6
54	16.0	6.4	9.6#
68	9.2	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 109.697 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF125967.D

Acq: 27 Oct 2021 17:07

Instrument :

BNA_F

ClientSampleId :

SB-6

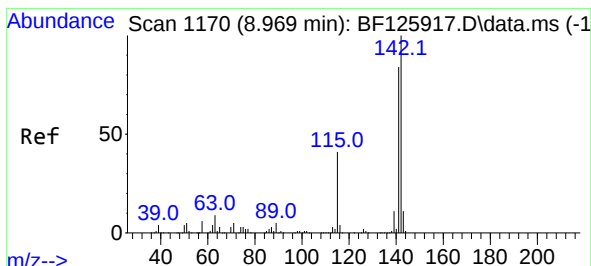
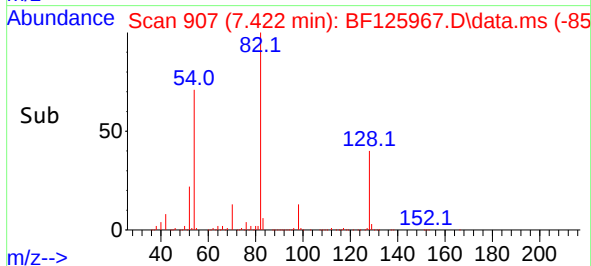
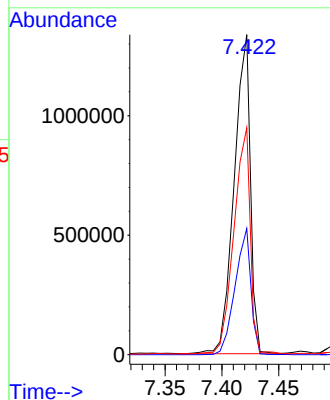
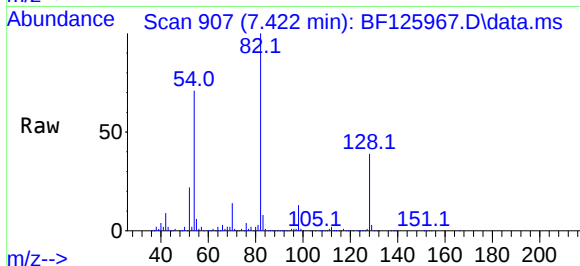
Tgt Ion: 82 Resp: 1322702

Ion Ratio Lower Upper

82 100

128 39.4 40.6 60.8#

54 70.9 49.6 74.4



#38

1-Methylnaphthalene

Concen: 8.771 ng

RT: 8.951 min Scan# 1167

Delta R.T. -0.017 min

Lab File: BF125967.D

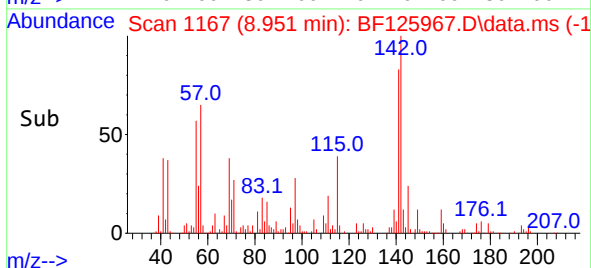
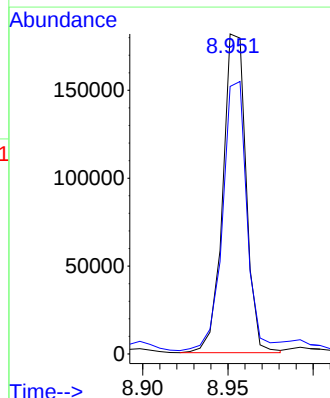
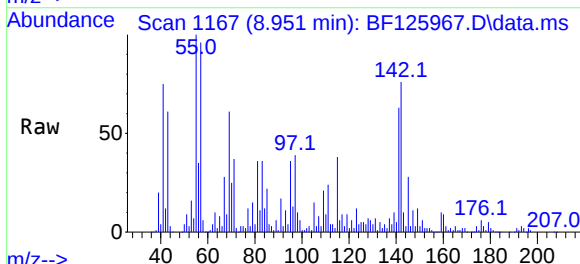
Acq: 27 Oct 2021 17:07

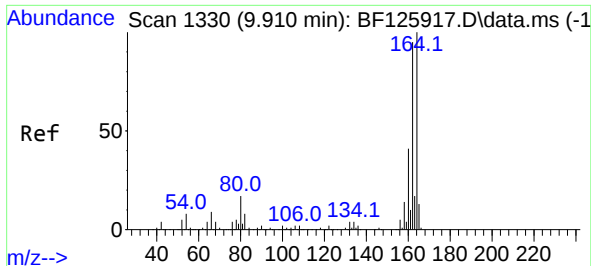
Tgt Ion:142 Resp: 172558

Ion Ratio Lower Upper

142 100

141 83.6 76.0 114.0

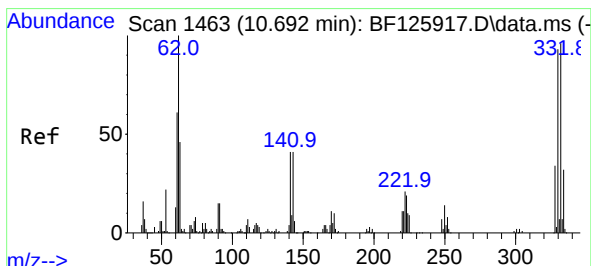
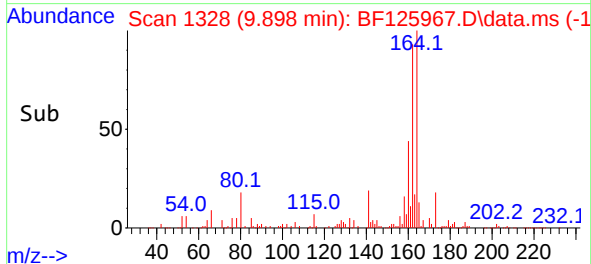
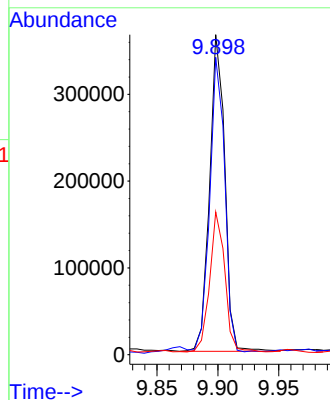
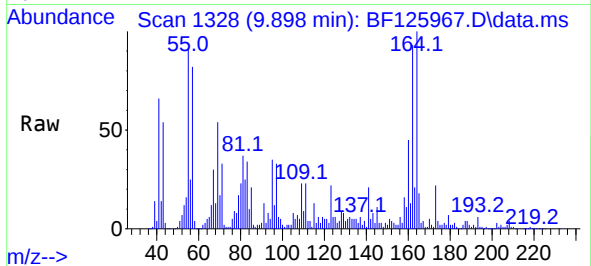




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF125967.D
Acq: 27 Oct 2021 17:07

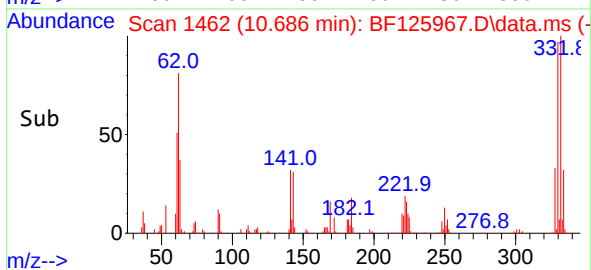
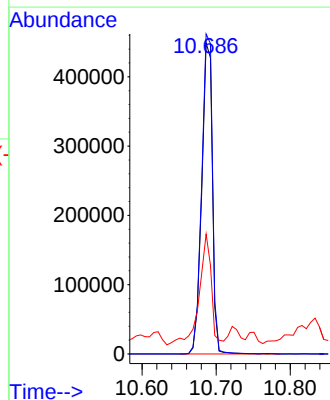
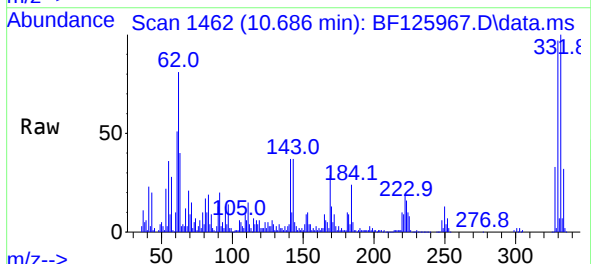
Instrument :
BNA_F
ClientSampleId :
SB-6

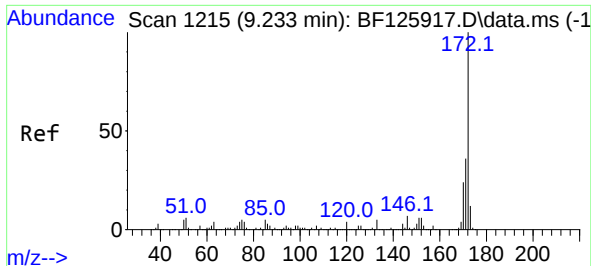
Tgt Ion:164 Resp: 316668
Ion Ratio Lower Upper
164 100
162 92.9 81.3 121.9
160 44.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 161.655 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125967.D
Acq: 27 Oct 2021 17:07

Tgt Ion:330 Resp: 446254
Ion Ratio Lower Upper
330 100
332 104.7 76.2 114.4
141 40.6 44.6 66.8#

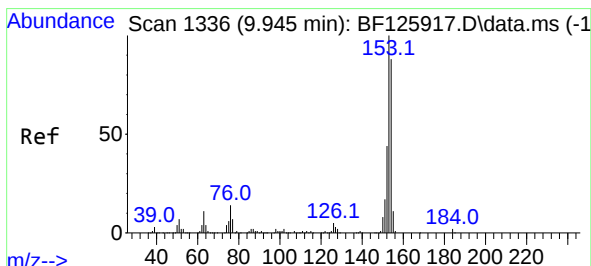
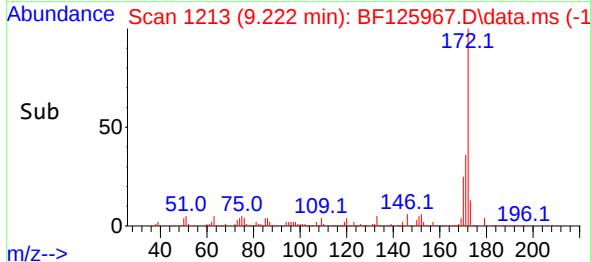
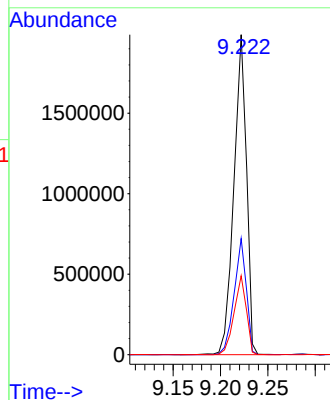
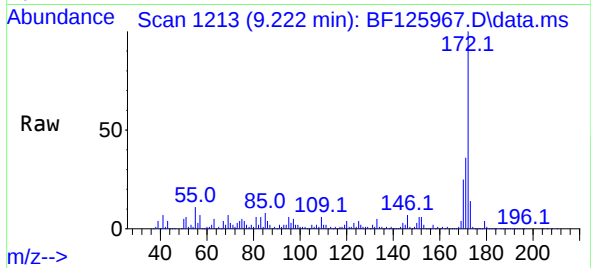




#45
2-Fluorobiphenyl
Concen: 102.470 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF125967.D
Acq: 27 Oct 2021 17:07

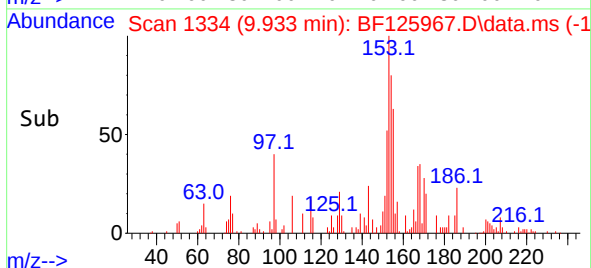
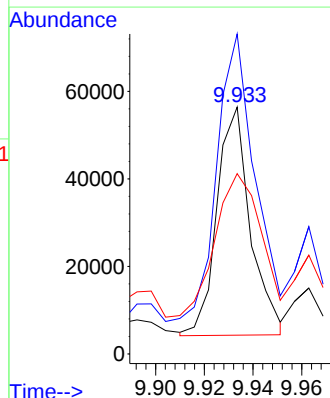
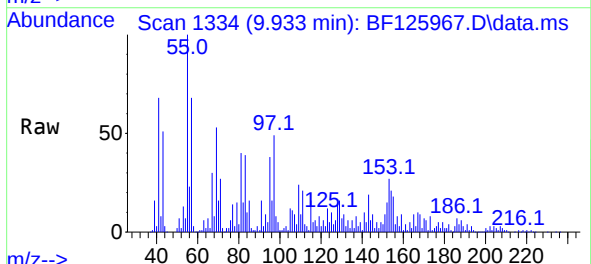
Instrument :
BNA_F
ClientSampled :
SB-6

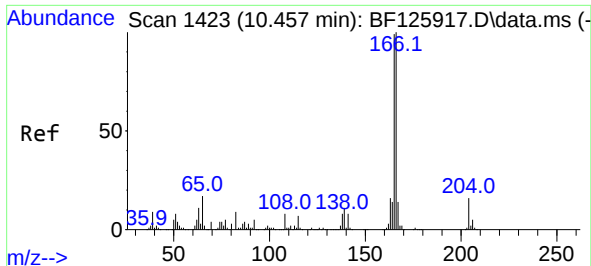
Tgt Ion:172 Resp: 1834900
Ion Ratio Lower Upper
172 100
171 36.3 26.5 39.7
170 24.6 18.8 28.2



#52
Acenaphthene
Concen: 2.905 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF125967.D
Acq: 27 Oct 2021 17:07

Tgt Ion:154 Resp: 49862
Ion Ratio Lower Upper
154 100
153 129.6 89.4 134.2
152 73.0 40.5 60.7#

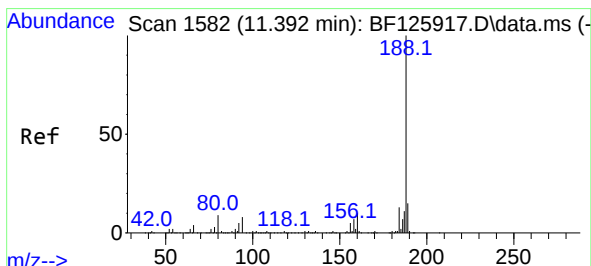
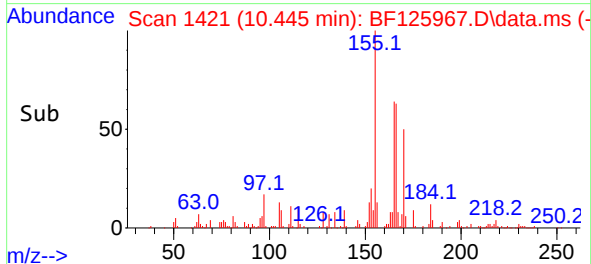
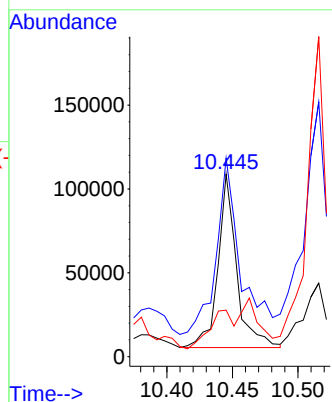
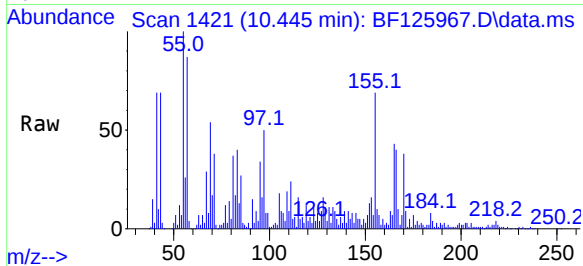




#58
Fluorene
Concen: 2.026 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF125967.D
Acq: 27 Oct 2021 17:07

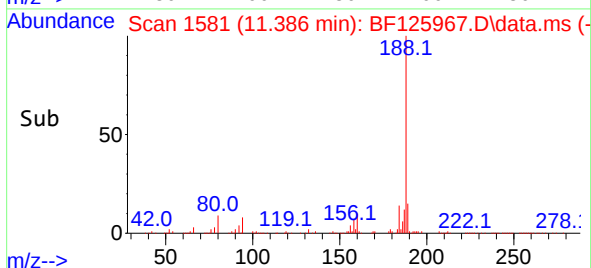
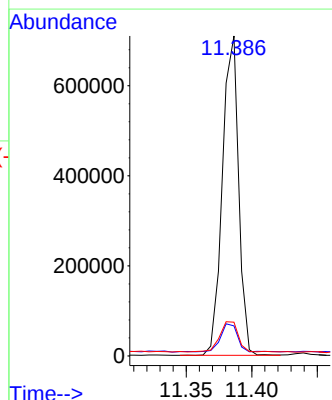
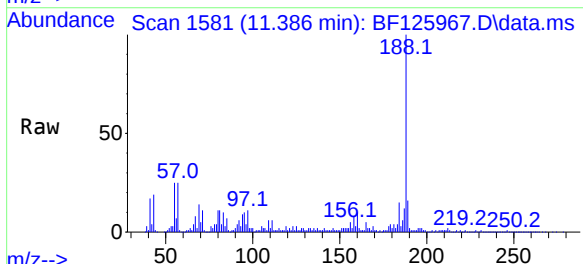
Instrument :
BNA_F
ClientSampled :
SB-6

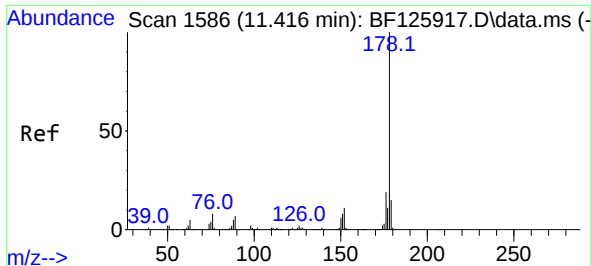
Tgt Ion:166 Resp: 102273
Ion Ratio Lower Upper
166 100
165 108.8 78.1 117.1
167 25.5 11.1 16.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125967.D
Acq: 27 Oct 2021 17:07

Tgt Ion:188 Resp: 608724
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 10.5 7.5 11.3

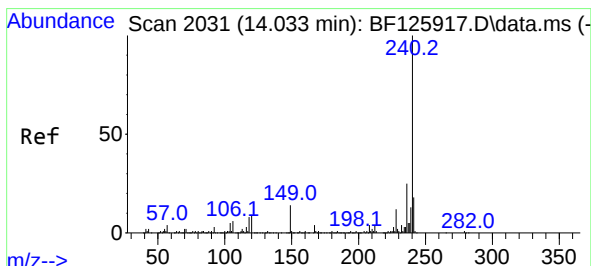
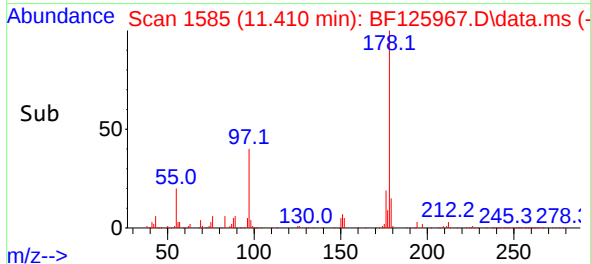
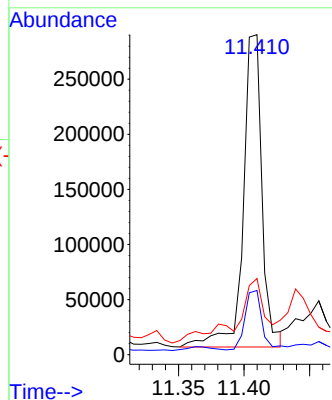
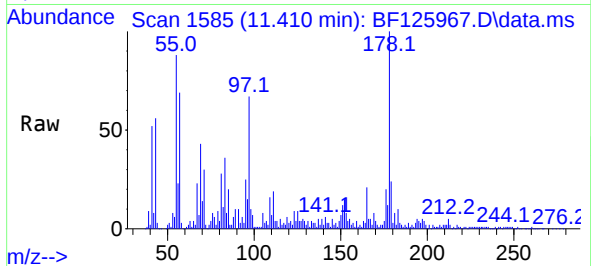




#71
Phenanthrene
Concen: 8.964 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF125967.D
Acq: 27 Oct 2021 17:07

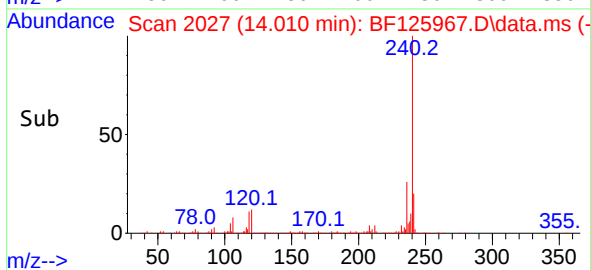
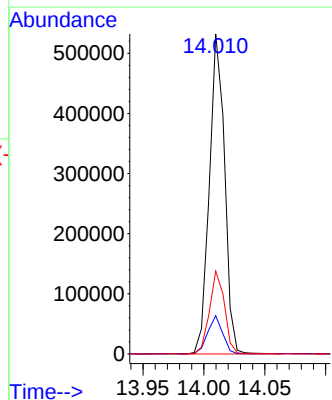
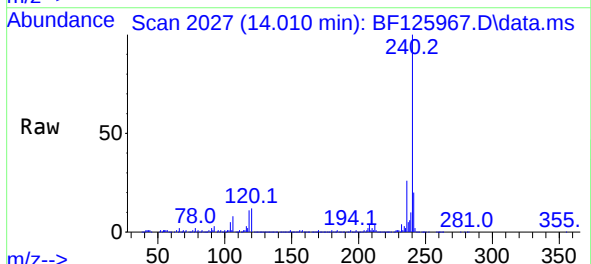
Instrument :
BNA_F
ClientSampled :
SB-6

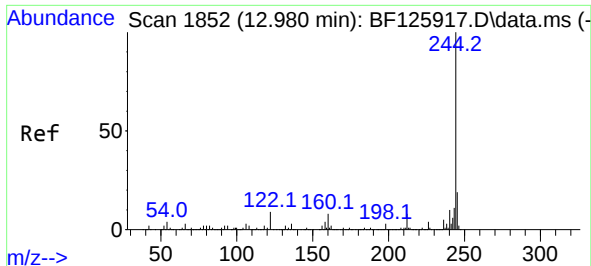
Tgt Ion:178 Resp: 283144
Ion Ratio Lower Upper
178 100
176 20.1 14.7 22.1
179 23.8 11.5 17.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.023 min
Lab File: BF125967.D
Acq: 27 Oct 2021 17:07

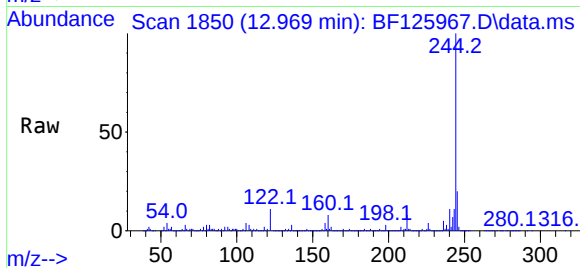
Tgt Ion:240 Resp: 463015
Ion Ratio Lower Upper
240 100
120 12.0 10.8 16.2
236 25.9 21.6 32.4



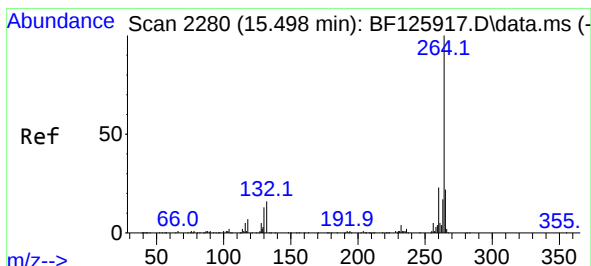
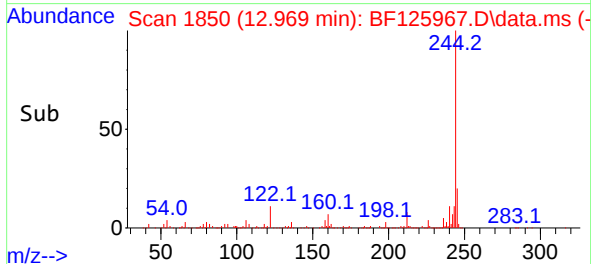
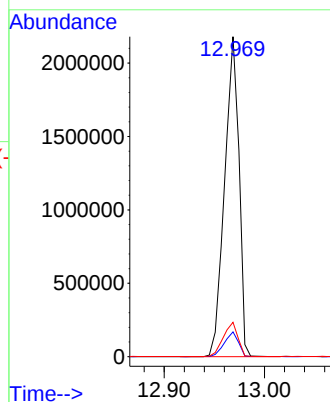


#79
Terphenyl-d14
Concen: 76.329 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.012 min
Lab File: BF125967.D
Acq: 27 Oct 2021 17:07

Instrument :
BNA_F
ClientSampled :
SB-6



Tgt Ion:244 Resp: 2160605
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 10.7 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.023 min
Lab File: BF125967.D
Acq: 27 Oct 2021 17:07

Tgt Ion:264 Resp: 424129
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 21.6 17.2 25.8

