

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125933.D
 Acq On : 26 Oct 2021 14:18
 Operator : JU/CG
 Sample : M4308-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Oct 26 14:44:58 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)

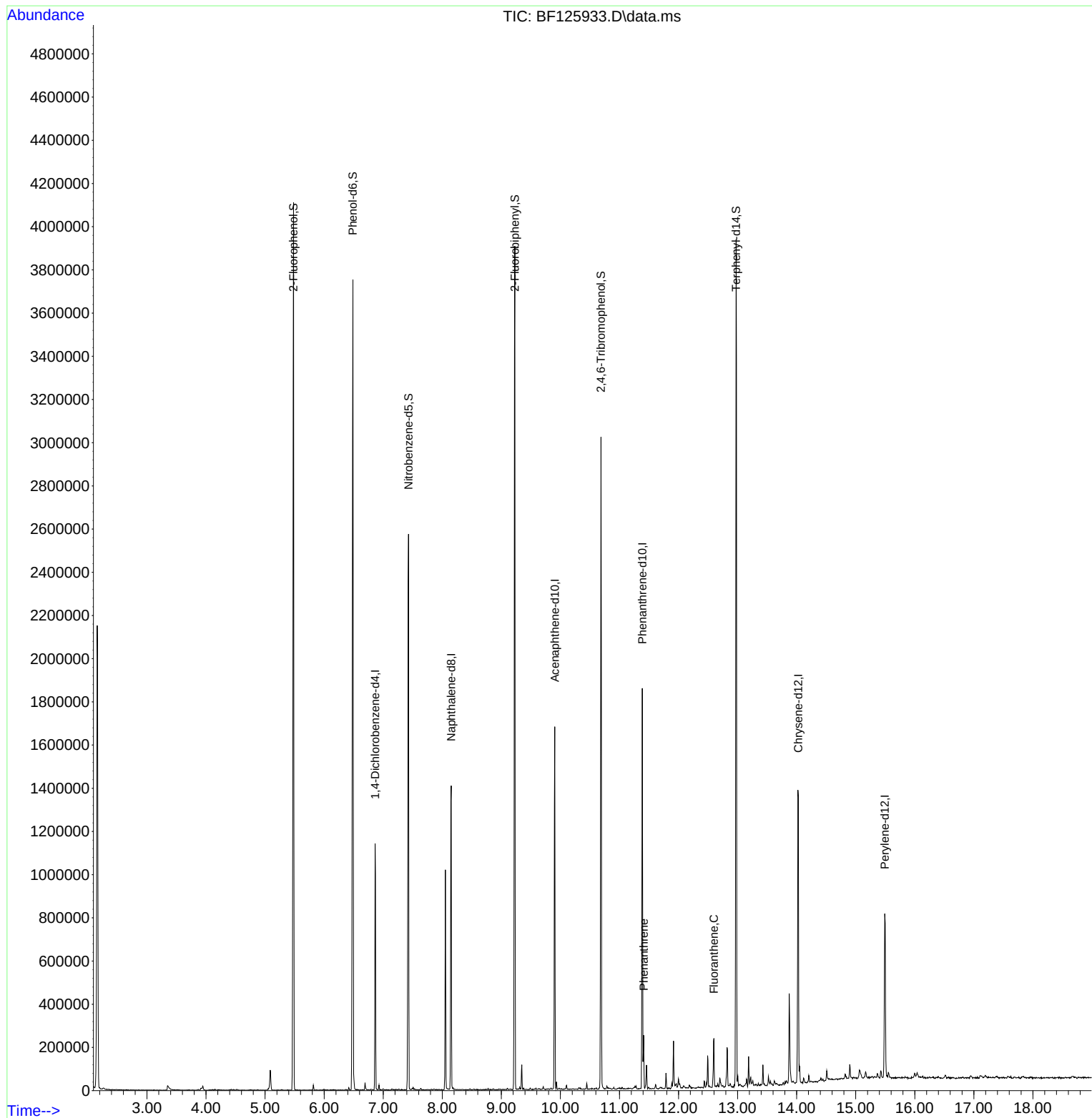
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	142890	20.000	ng	# 0.00
21) Naphthalene-d8	8.151	136	581705	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	328263	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	619162	20.000	ng	0.00
76) Chrysene-d12	14.027	240	461183	20.000	ng	# 0.00
86) Perylene-d12	15.492	264	336146	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	930238	96.971	ng	0.00
7) Phenol-d6	6.487	99	1160191	88.177	ng	0.00
23) Nitrobenzene-d5	7.428	82	769476	68.327	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	288750	100.905	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1160022	62.493	ng	0.00
79) Terphenyl-d14	12.974	244	1344804	47.698	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.410	178	82113	2.556	ng	97
75) Fluoranthene	12.598	202	89145	2.752	ng	99

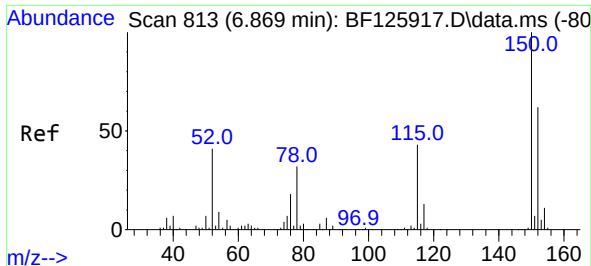
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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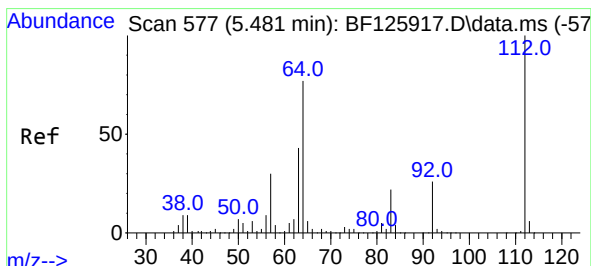
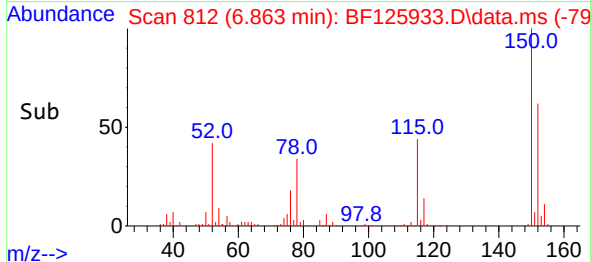
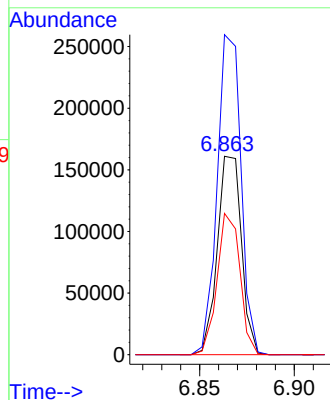
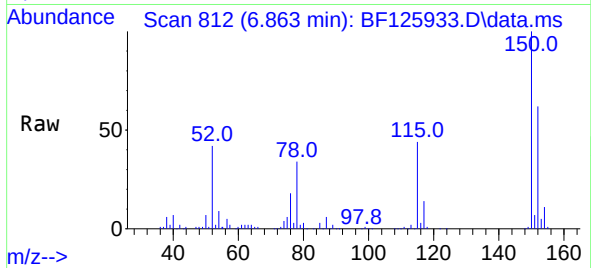




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

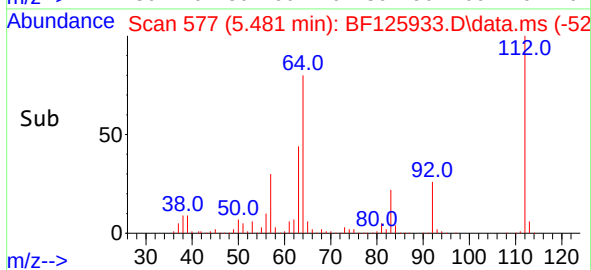
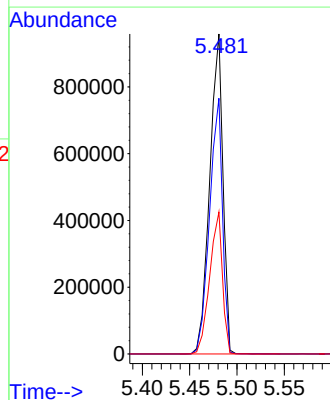
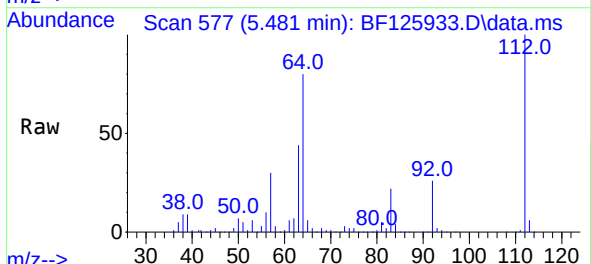
Instrument :
BNA_F
ClientSampleId :
COMP-1

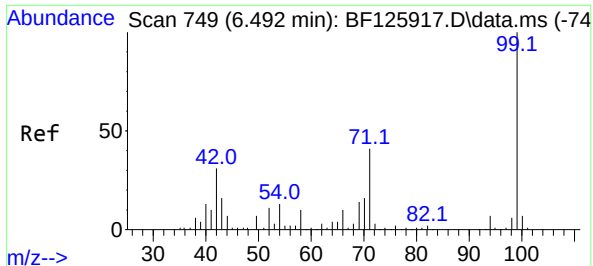
Tgt Ion:152 Resp: 142890
Ion Ratio Lower Upper
152 100
150 161.3 117.6 176.4
115 71.2 47.1 70.7#



#5
2-Fluorophenol
Concen: 96.971 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

Tgt Ion:112 Resp: 930238
Ion Ratio Lower Upper
112 100
64 79.9 44.2 66.2#
63 44.4 26.2 39.2#

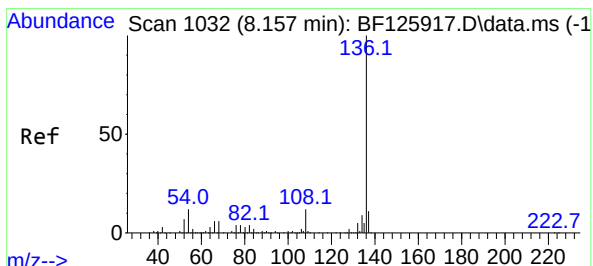
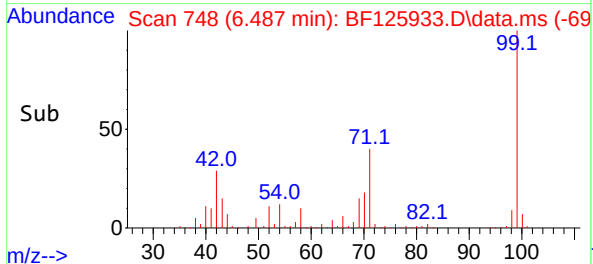
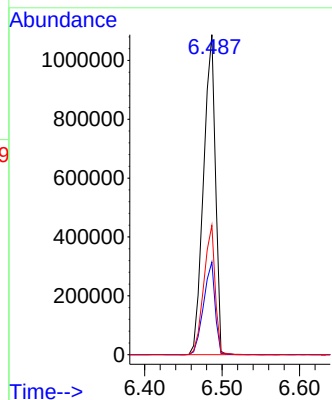
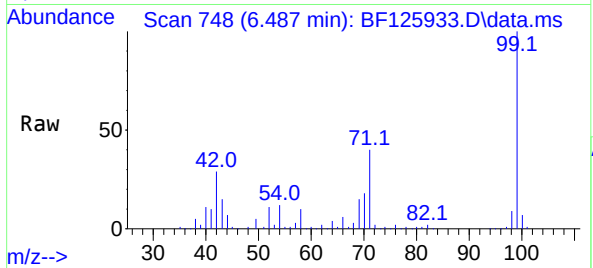




#7
Phenol-d6
Concen: 88.177 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

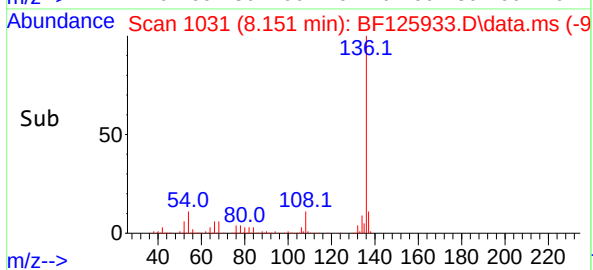
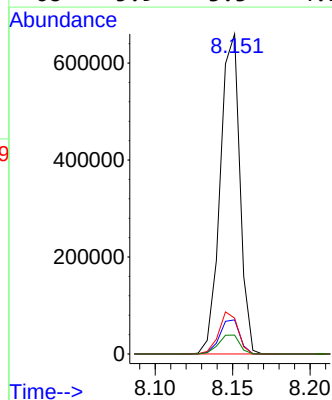
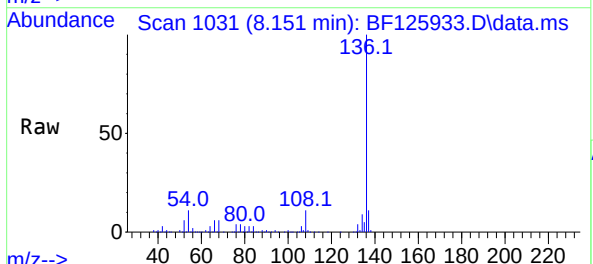
Instrument :
BNA_F
ClientSampleId :
COMP-1

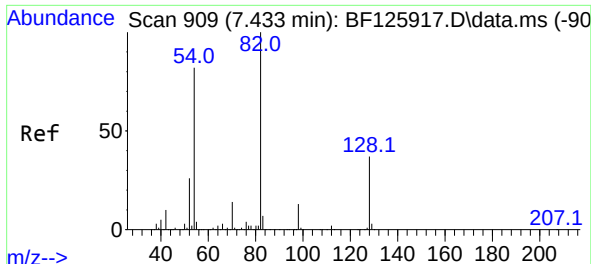
Tgt Ion: 99 Resp: 1160191
Ion Ratio Lower Upper
99 100
42 28.9 23.5 35.3
71 40.4 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

Tgt Ion: 136 Resp: 581705
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 11.2 6.4 9.6#
68 5.9 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 68.327 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF125933.D

Acq: 26 Oct 2021 14:18

Instrument :

BNA_F

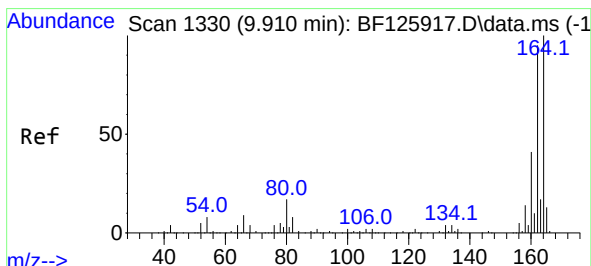
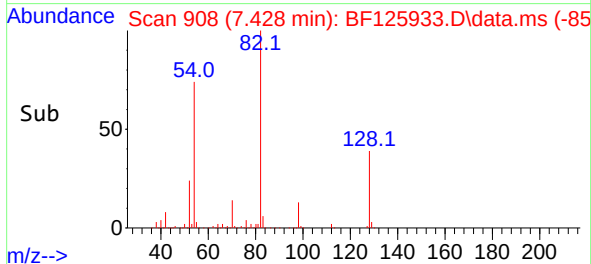
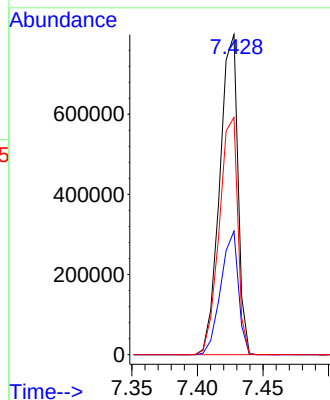
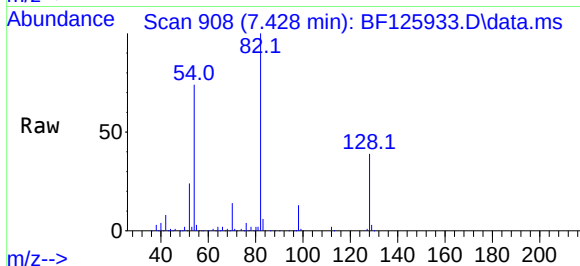
ClientSampleId :

COMP-1

Tgt Ion: 82 Resp: 769476

Ion Ratio Lower Upper

82	100		
128	38.6	40.6	60.8#
54	74.1	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

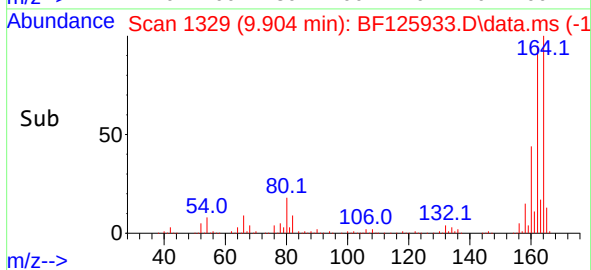
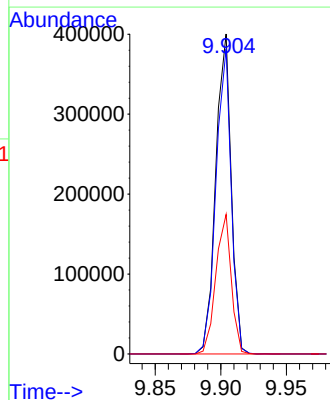
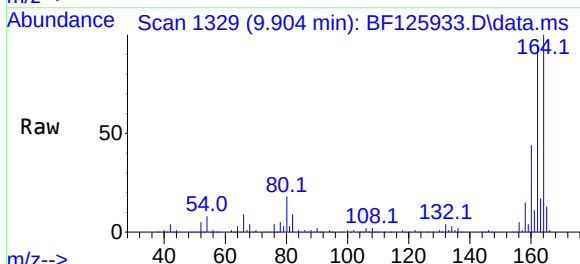
Lab File: BF125933.D

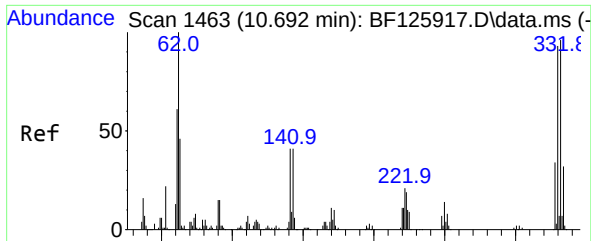
Acq: 26 Oct 2021 14:18

Tgt Ion:164 Resp: 328263

Ion Ratio Lower Upper

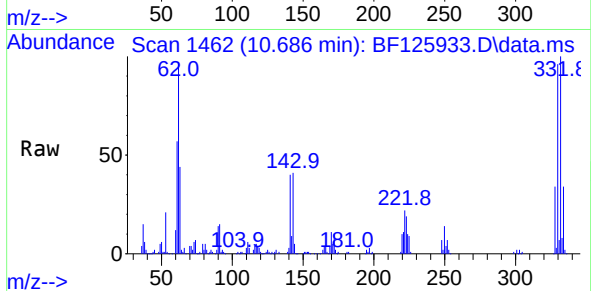
164	100		
162	95.4	81.3	121.9
160	43.6	38.0	57.0



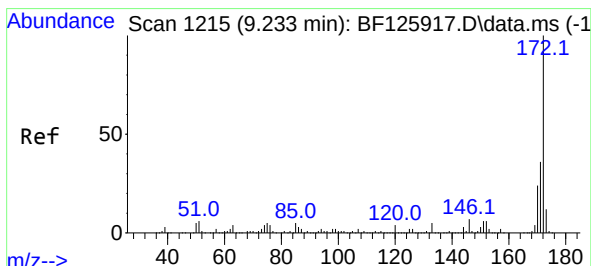
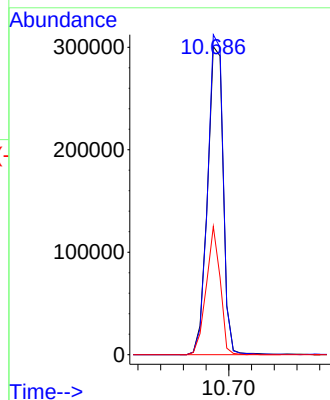
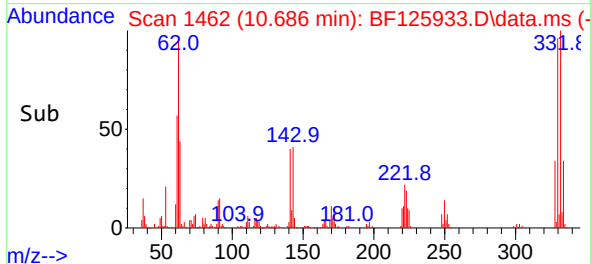


#42
2,4,6-Tribromophenol
Concen: 100.905 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

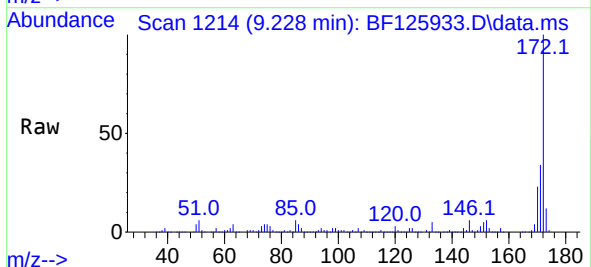
Instrument :
BNA_F
ClientSampleId :
COMP-1



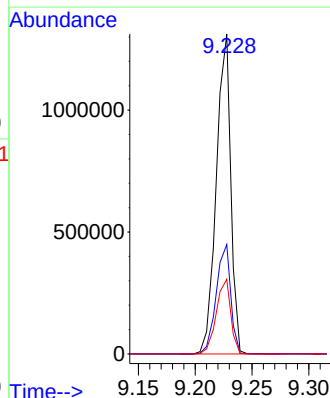
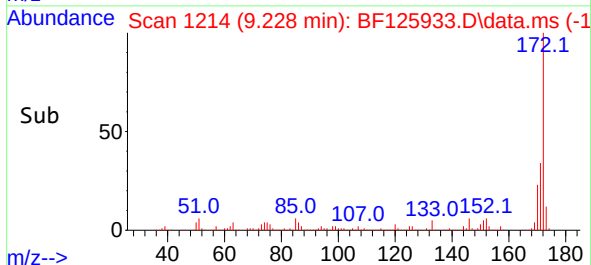
Tgt Ion:330 Resp: 288750
Ion Ratio Lower Upper
330 100
332 101.7 76.2 114.4
141 36.7 44.6 66.8#

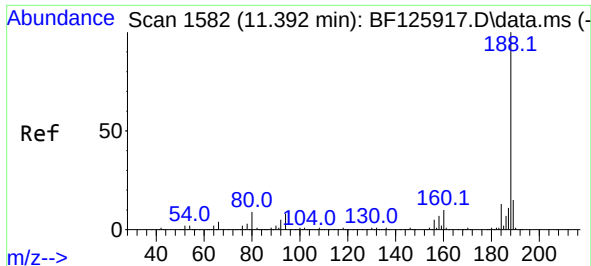


#45
2-Fluorobiphenyl
Concen: 62.493 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18



Tgt Ion:172 Resp: 1160022
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 23.4 18.8 28.2

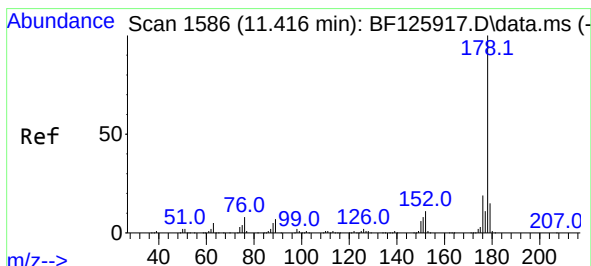
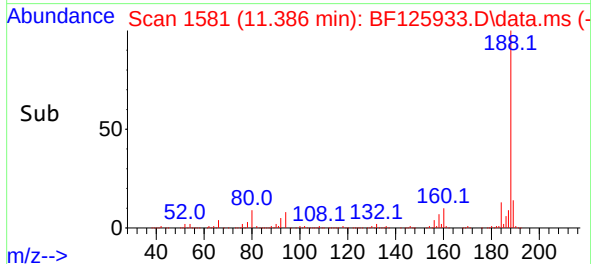
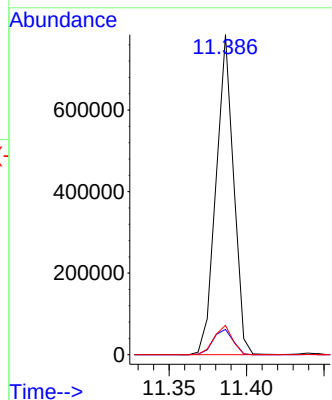
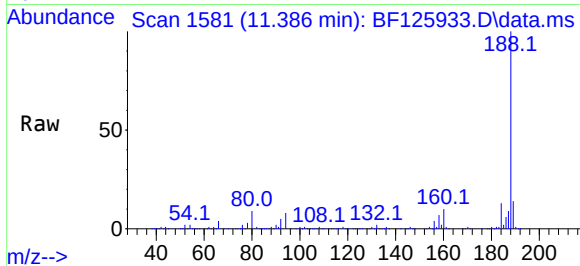




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

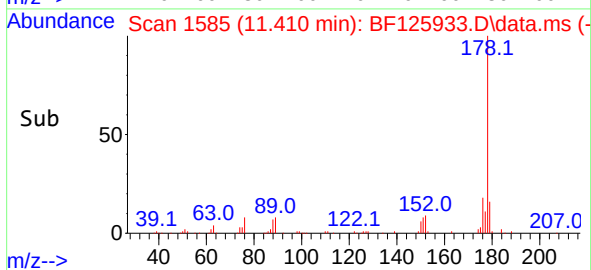
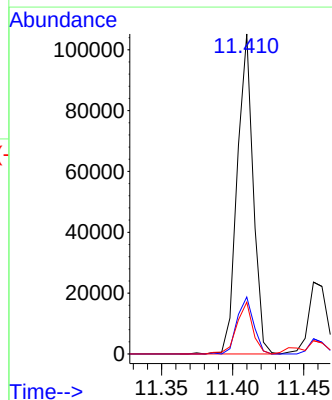
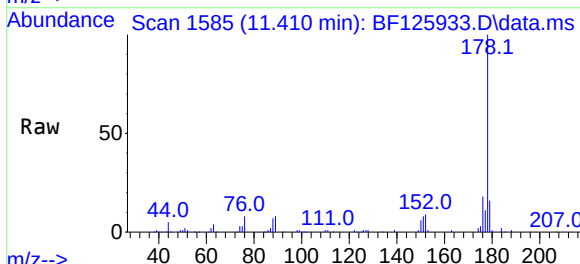
Instrument :
BNA_F
ClientSampled :
COMP-1

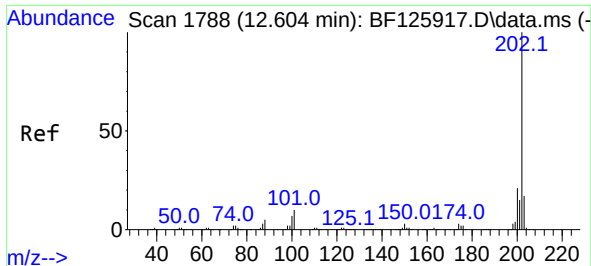
Tgt Ion:188 Resp: 619162
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.2 7.5 11.3



#71
Phenanthrene
Concen: 2.556 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

Tgt Ion:178 Resp: 82113
Ion Ratio Lower Upper
178 100
176 17.8 14.7 22.1
179 16.1 11.5 17.3

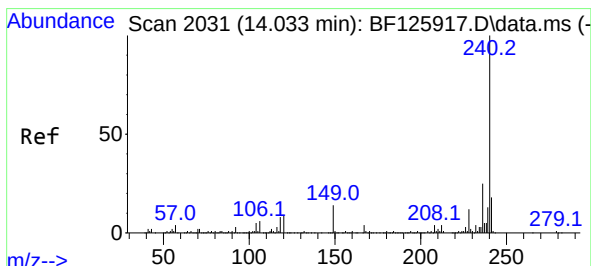
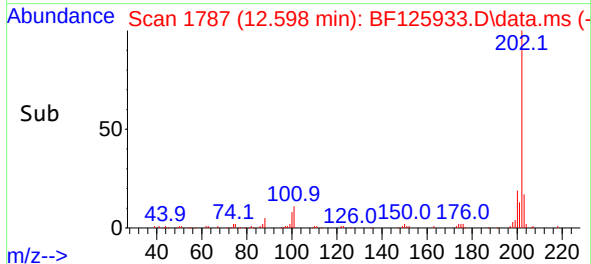
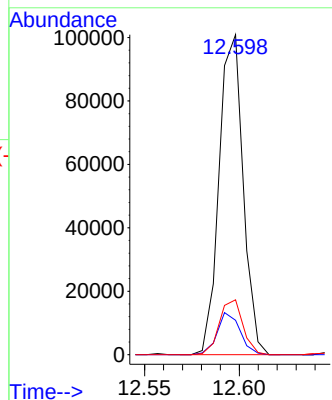
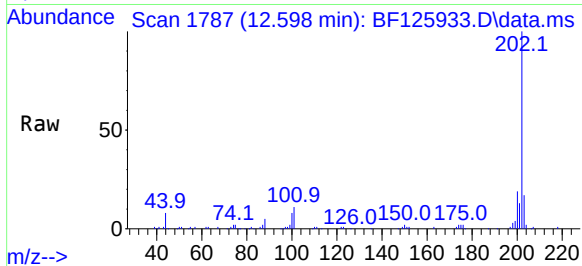




#75
Fluoranthene
Concen: 2.752 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

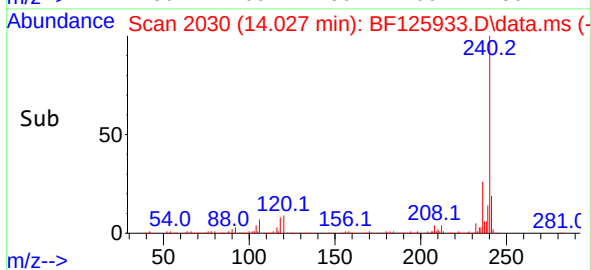
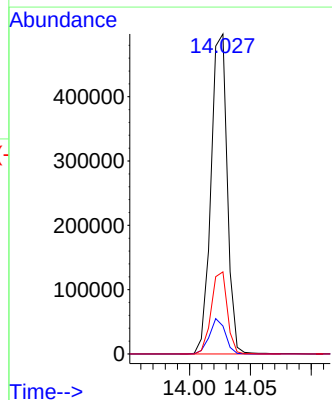
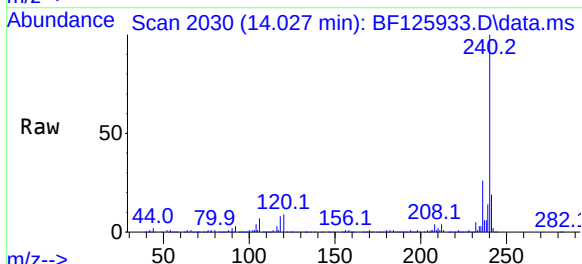
Instrument :
BNA_F
ClientSampleId :
COMP-1

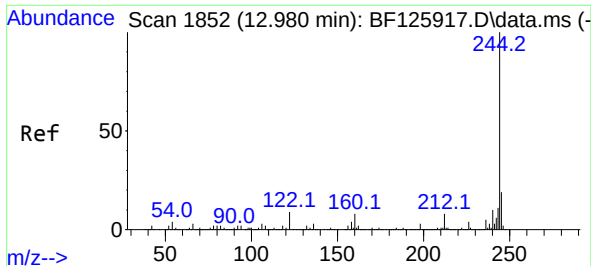
Tgt Ion:202	Resp:	89145
Ion Ratio	Lower	Upper
202	100	
101	10.8	0.0 30.7
203	17.2	0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

Tgt Ion:240	Resp:	461183
Ion Ratio	Lower	Upper
240	100	
120	8.8	10.8 16.2#
236	25.7	21.6 32.4

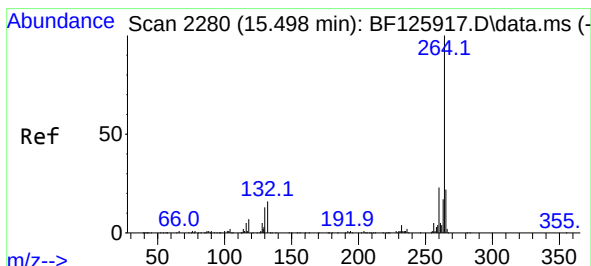
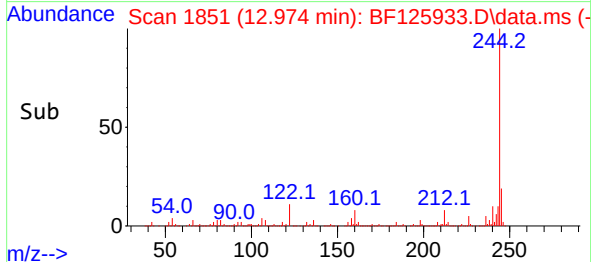
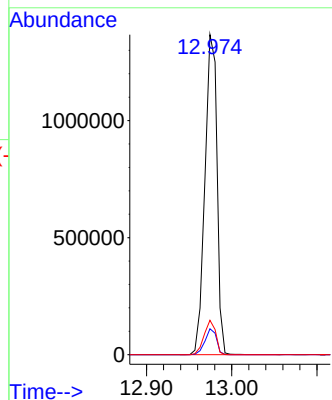
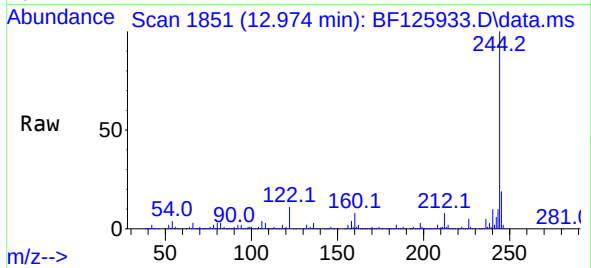




#79
Terphenyl-d14
Concen: 47.698 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:244 Resp: 1344804
Ion Ratio Lower Upper
244 100
212 8.1 5.9 8.9
122 10.7 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF125933.D
Acq: 26 Oct 2021 14:18

Tgt Ion:264 Resp: 336146
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 22.3 17.2 25.8

