

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125944.D
 Acq On : 26 Oct 2021 20:39
 Operator : JU/CG
 Sample : M4348-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 354

Quant Time: Oct 27 09:04:02 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	6.863	152	164984	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	663308	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	365602	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	626763	20.000	ng	0.00
76) Chrysene-d12	14.021	240	321442	20.000	ng	-0.01
86) Perylene-d12	15.492	264	346222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	964744	87.100	ng	0.00
7) Phenol-d6	6.487	99	1208417	79.543	ng	0.00
23) Nitrobenzene-d5	7.422	82	807053	62.847	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	272478	85.494	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	951357	46.017	ng	-0.01
79) Terphenyl-d14	12.974	244	665564	33.869	ng	0.00

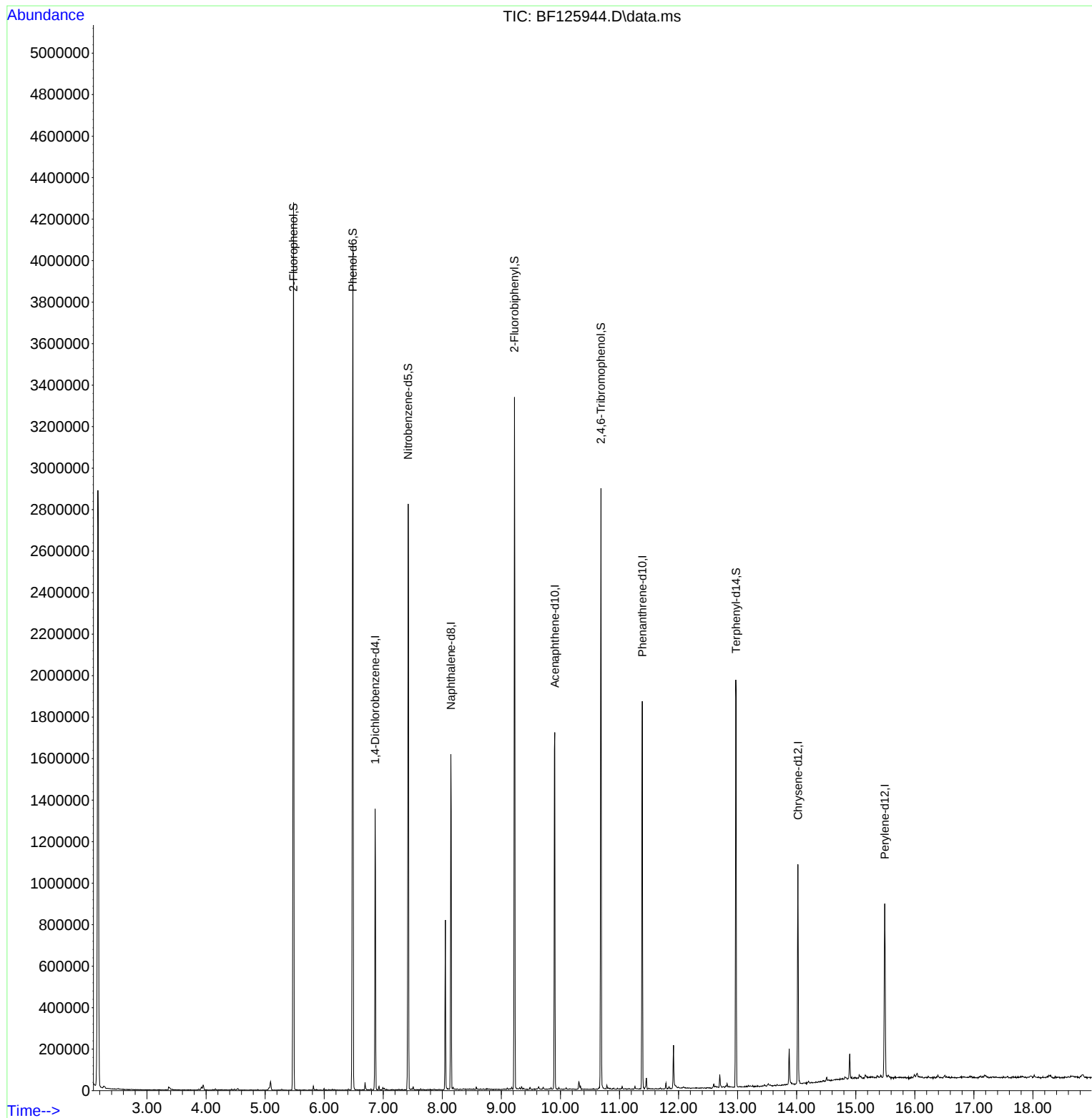
Target Compounds	Qvalue

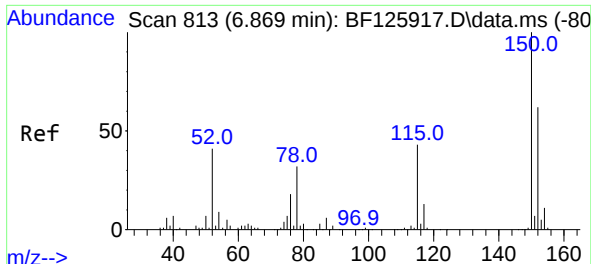
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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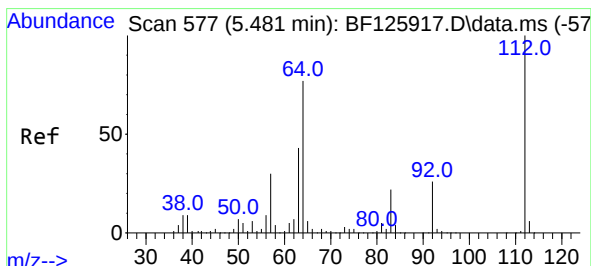
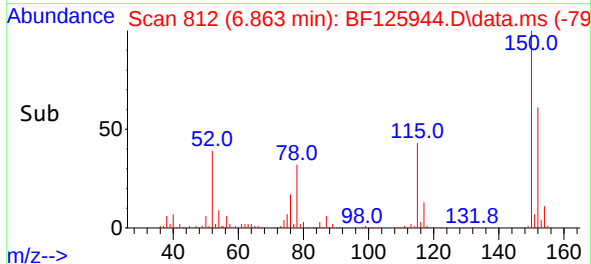
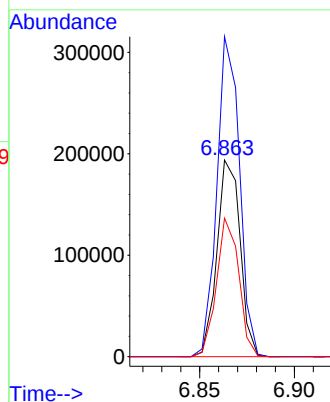
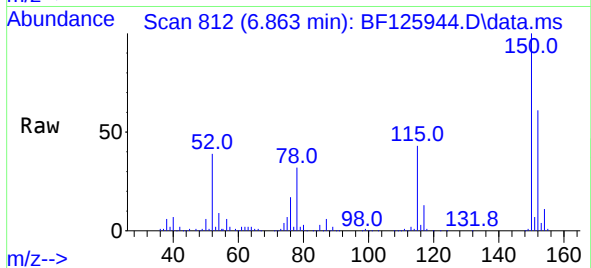




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

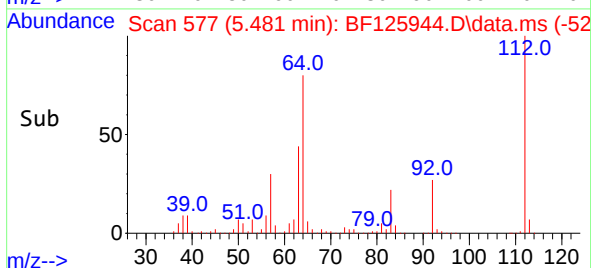
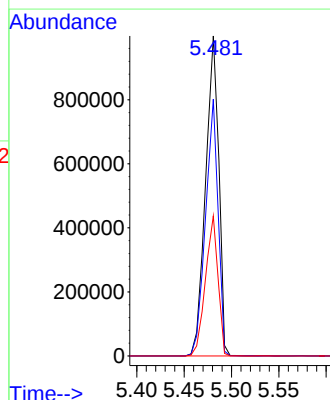
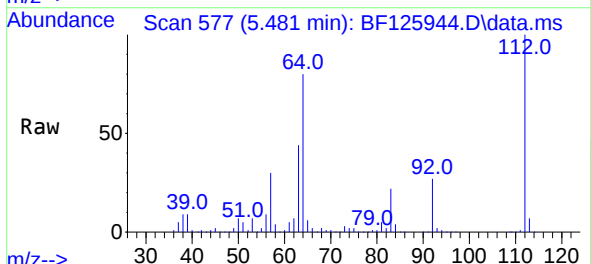
Instrument :
BNA_F
ClientSampled :
354

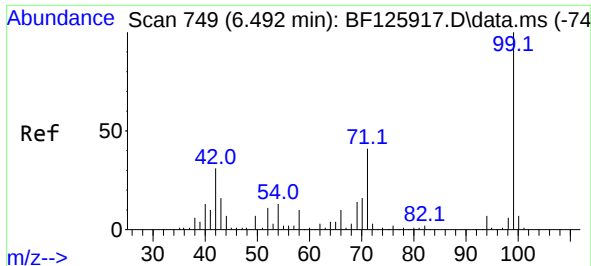
Tgt Ion:152 Resp: 164984
Ion Ratio Lower Upper
152 100
150 162.7 117.6 176.4
115 70.4 47.1 70.7



#5
2-Fluorophenol
Concen: 87.100 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

Tgt Ion:112 Resp: 964744
Ion Ratio Lower Upper
112 100
64 80.3 44.2 66.2#
63 43.7 26.2 39.2#

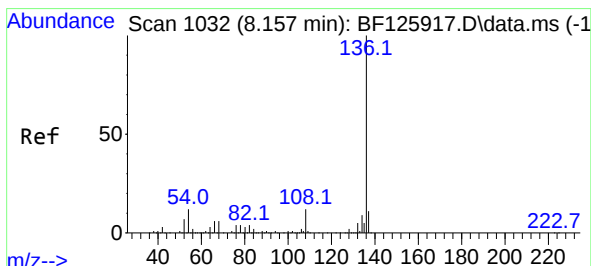
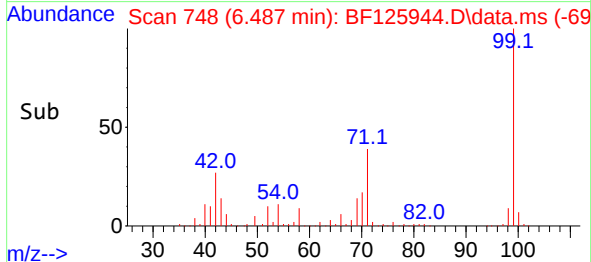
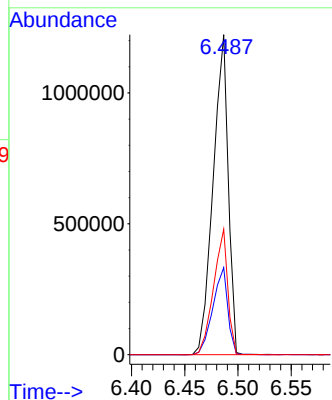
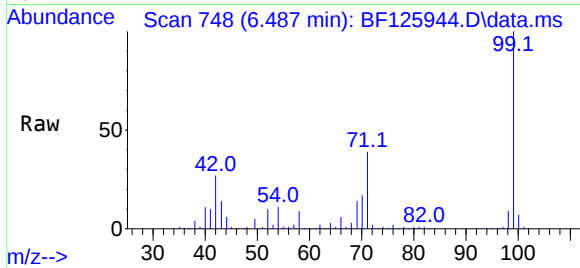




#7
Phenol-d6
Concen: 79.543 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

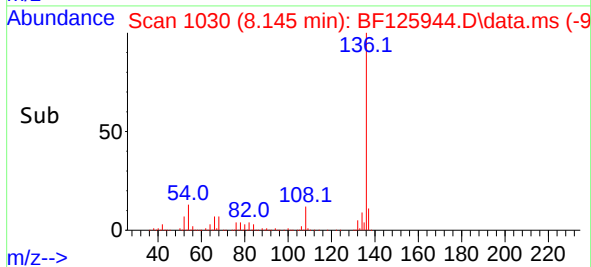
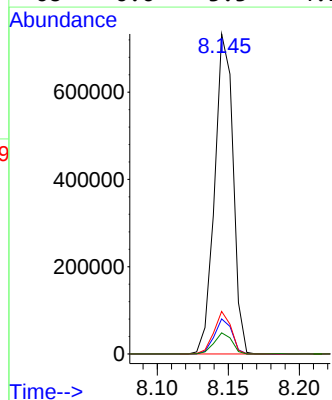
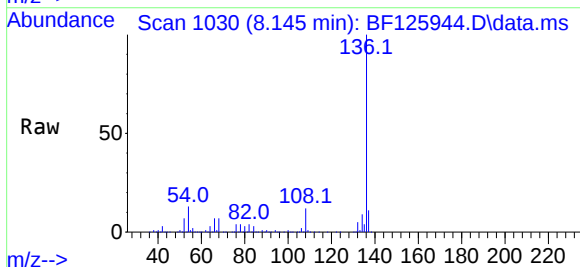
Instrument :
BNA_F
ClientSampled :
354

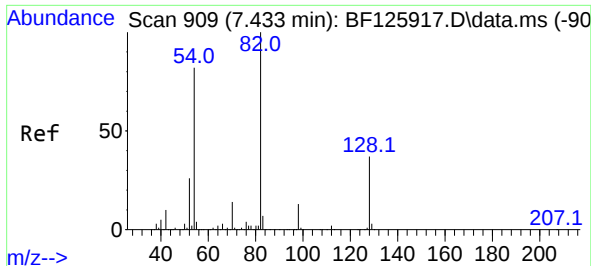
Tgt Ion: 99 Resp: 1208417
Ion Ratio Lower Upper
99 100
42 27.2 23.5 35.3
71 39.2 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

Tgt Ion: 136 Resp: 663308
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 13.3 6.4 9.6#
68 6.6 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 62.847 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF125944.D

Acq: 26 Oct 2021 20:39

Instrument :

BNA_F

ClientSampleId :

354

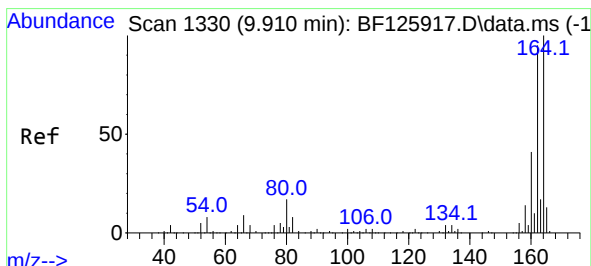
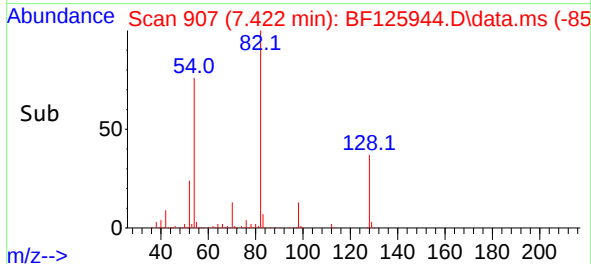
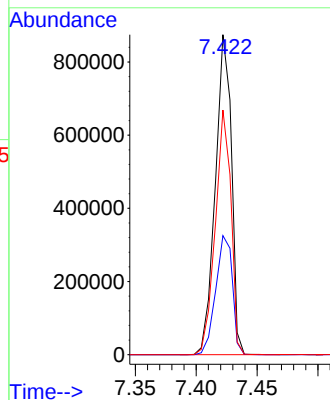
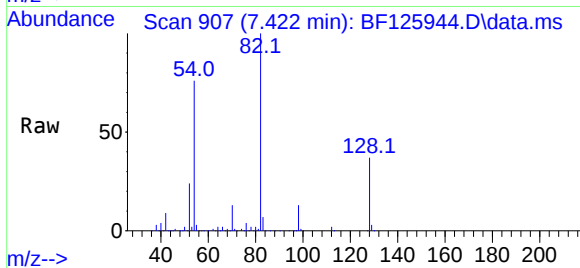
Tgt Ion: 82 Resp: 807053

Ion Ratio Lower Upper

82 100

128 37.2 40.6 60.8#

54 76.4 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: BF125944.D

Acq: 26 Oct 2021 20:39

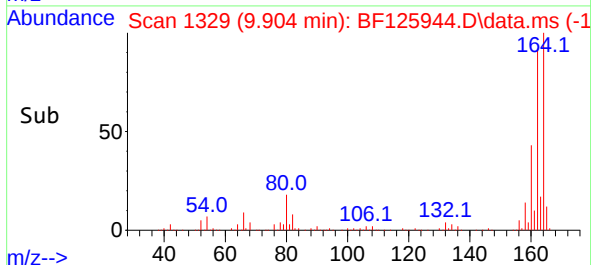
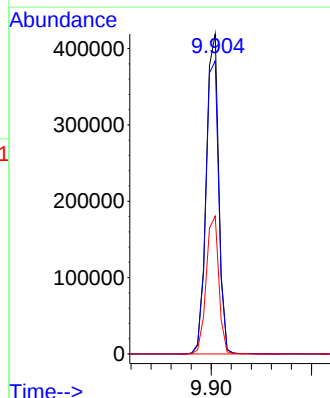
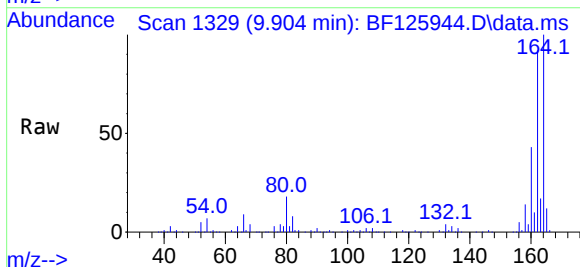
Tgt Ion:164 Resp: 365602

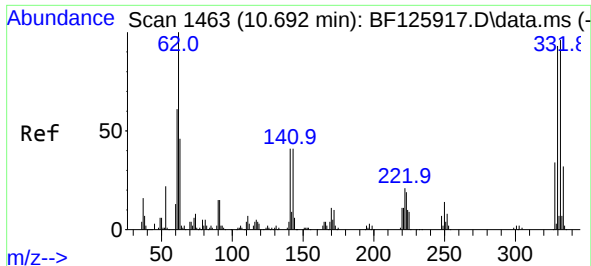
Ion Ratio Lower Upper

164 100

162 91.6 81.3 121.9

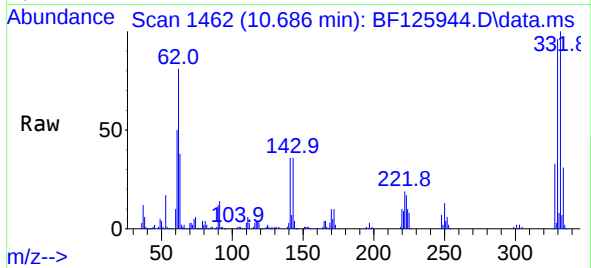
160 43.1 38.0 57.0



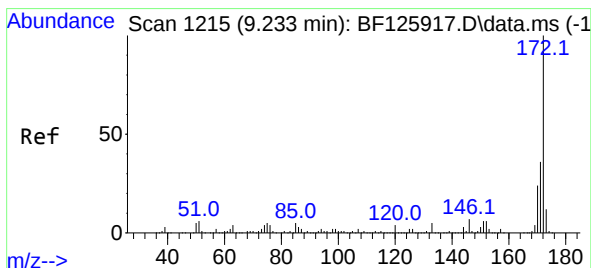
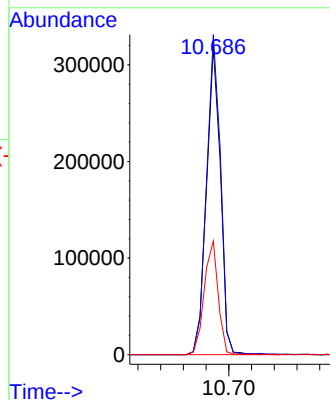
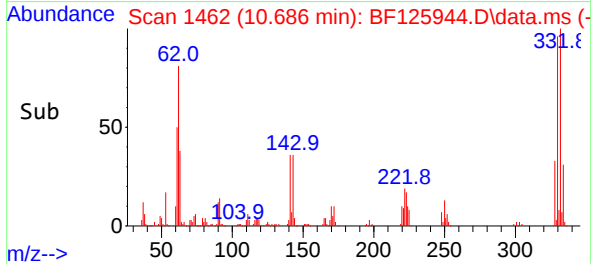


#42
2,4,6-Tribromophenol
Concen: 85.494 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

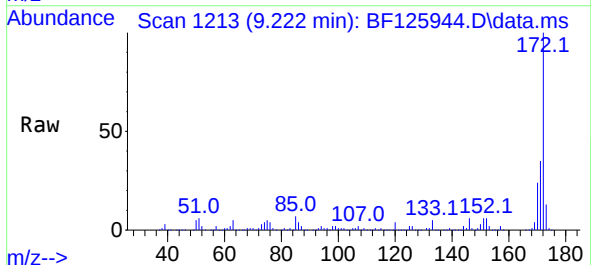
Instrument :
BNA_F
ClientSampled :
354



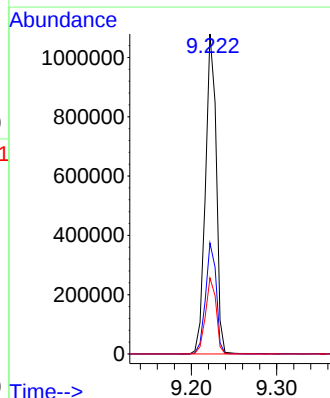
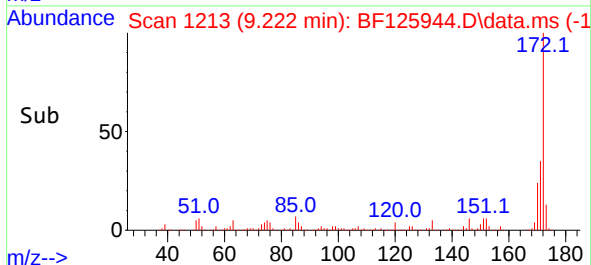
Tgt Ion:330 Resp: 272478
Ion Ratio Lower Upper
330 100
332 103.9 76.2 114.4
141 36.9 44.6 66.8#

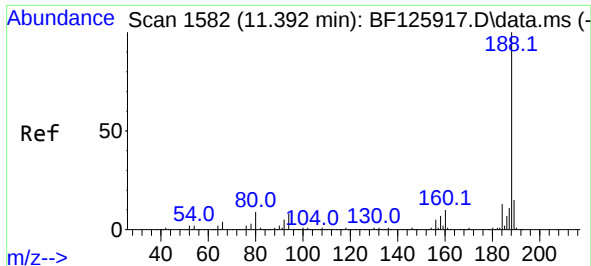


#45
2-Fluorobiphenyl
Concen: 46.017 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39



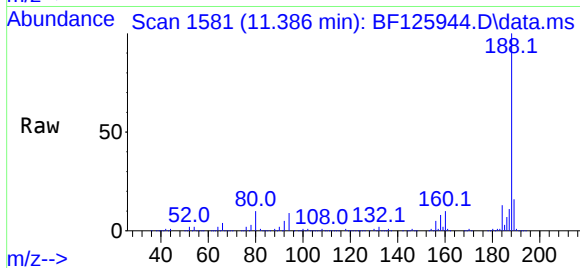
Tgt Ion:172 Resp: 951357
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.8 18.8 28.2



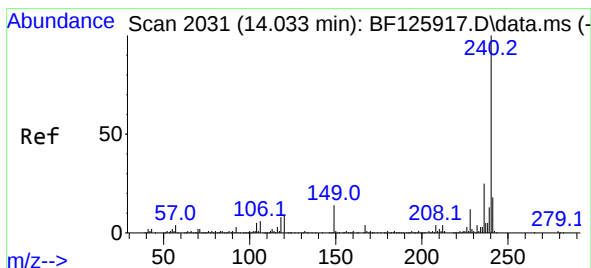
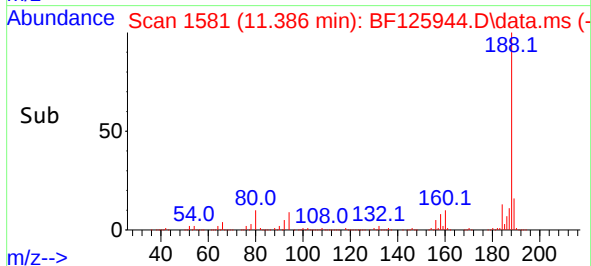
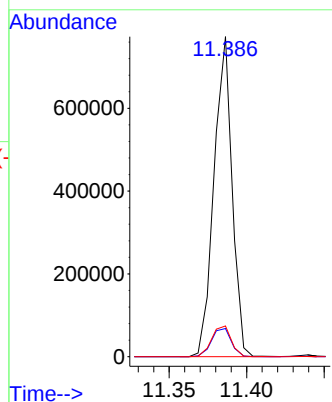


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

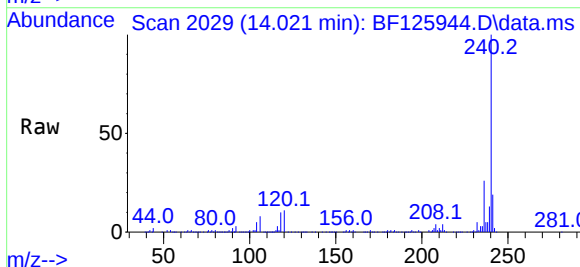
Instrument :
BNA_F
ClientSampled :
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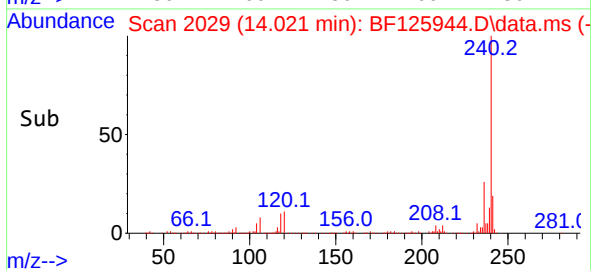
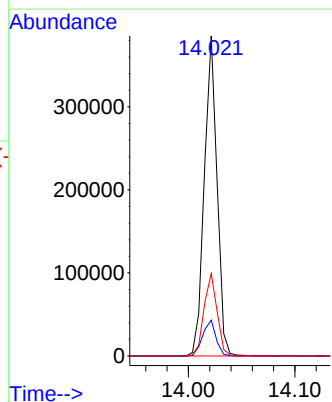
Tgt Ion:188 Resp: 626763
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 9.6 7.5 11.3

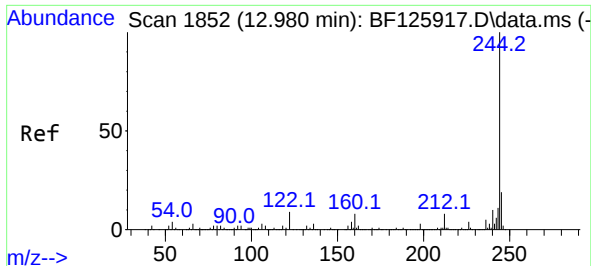


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39



Tgt Ion:240 Resp: 321442
Ion Ratio Lower Upper
240 100
120 11.2 10.8 16.2
236 25.8 21.6 32.4

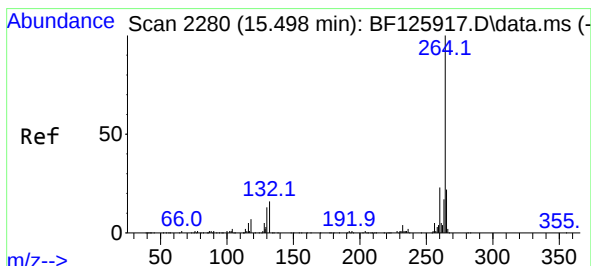
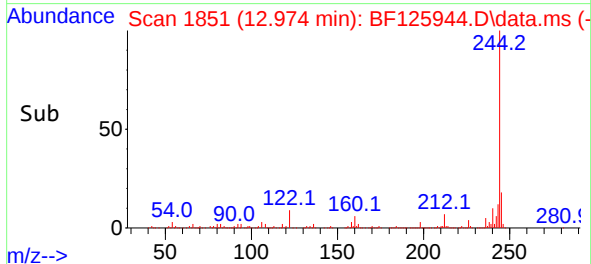
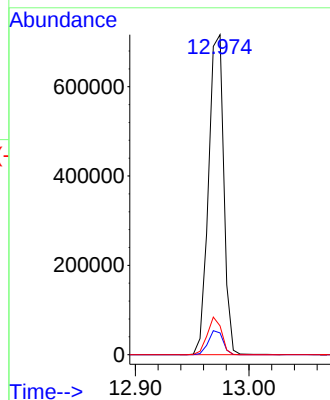
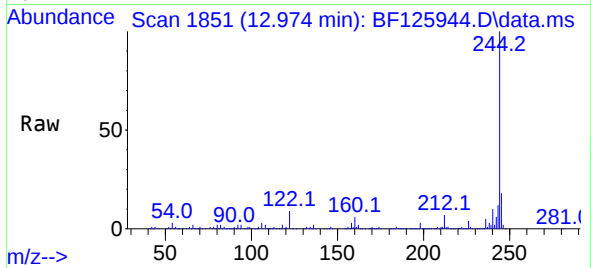




#79
Terphenyl-d14
Concen: 33.869 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF125944.D
Acq: 26 Oct 2021 20:39

Instrument :
BNA_F
ClientSampleId :
354

Tgt Ion:244 Resp: 665564
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.0 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: BF125944.D
Acq: 26 Oct 2021 20:39

Tgt Ion:264 Resp: 346222
Ion Ratio Lower Upper
264 100
260 24.6 19.6 29.4
265 22.2 17.2 25.8

