

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140621.D
 Acq On : 25 Nov 2024 23:22
 Operator : RC/JU
 Sample : P4860-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-008

Quant Time: Nov 26 00:11:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	56779	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	211702	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	113735	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	220246	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	128275	20.000	ng	-0.01
86) Perylene-d12	15.533	264	122422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	306468	92.094	ng	0.00
7) Phenol-d6	6.504	99	397890	90.442	ng	-0.01
23) Nitrobenzene-d5	7.428	82	256943	62.081	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	107865	88.675	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	495612	64.926	ng	-0.01
79) Terphenyl-d14	12.980	244	498356	60.495	ng	-0.01

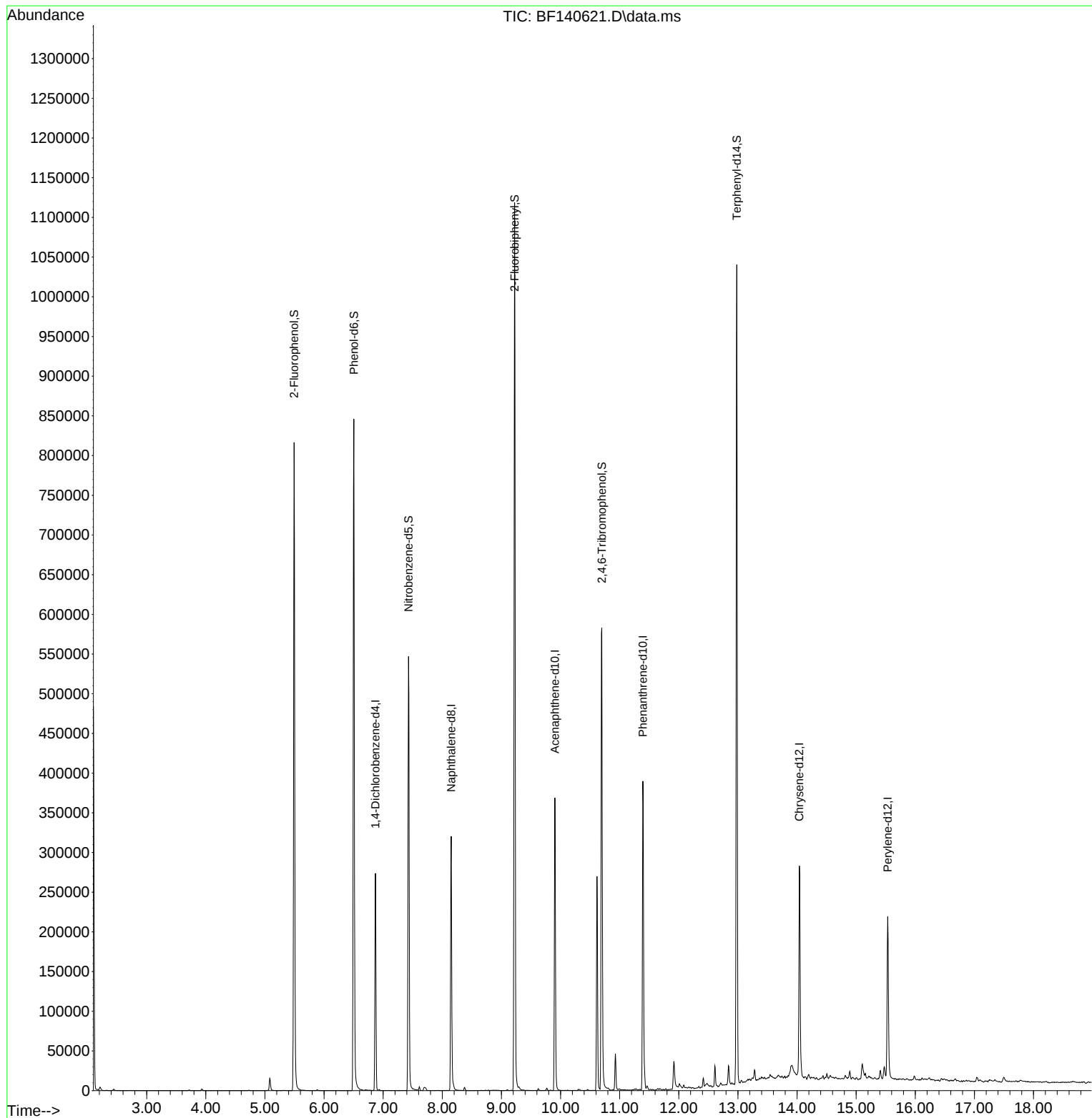
Target Compounds	Qvalue

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

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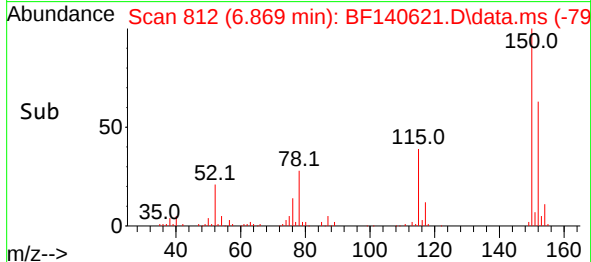
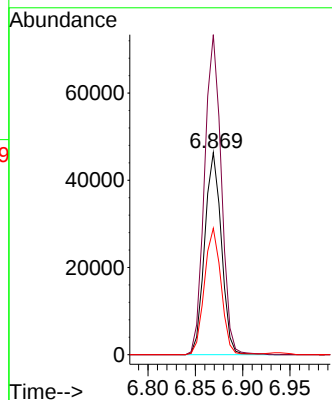
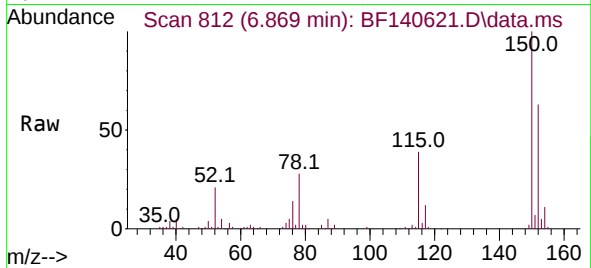




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140621.D
Acq: 25 Nov 2024 23:22

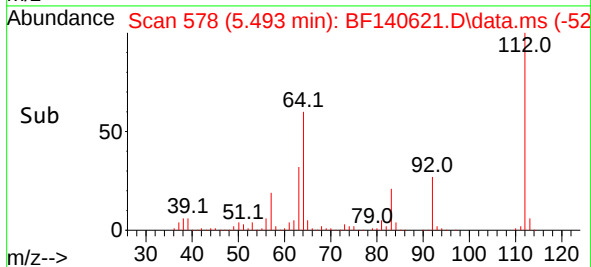
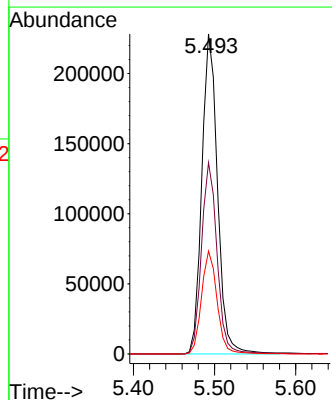
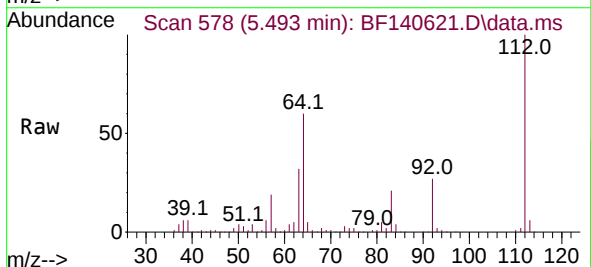
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-008

Tgt Ion:152 Resp: 56779
Ion Ratio Lower Upper
152 100
150 158.3 128.5 192.7
115 62.5 50.2 75.4



#5
2-Fluorophenol
Concen: 92.094 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140621.D
Acq: 25 Nov 2024 23:22

Tgt Ion:112 Resp: 306468
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 32.2 27.0 40.4





#7

Phenol-d6

Concen: 90.442 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF140621.D

Acq: 25 Nov 2024 23:22

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-008

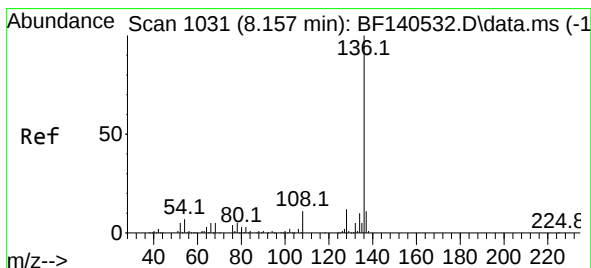
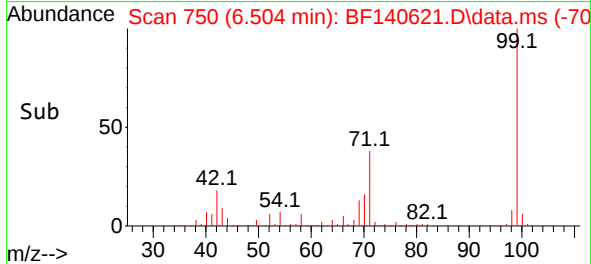
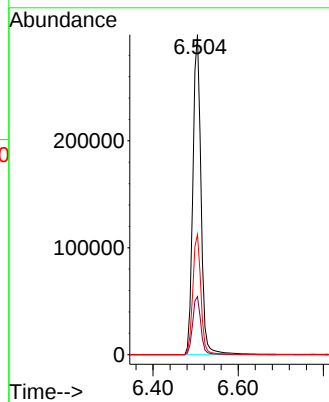
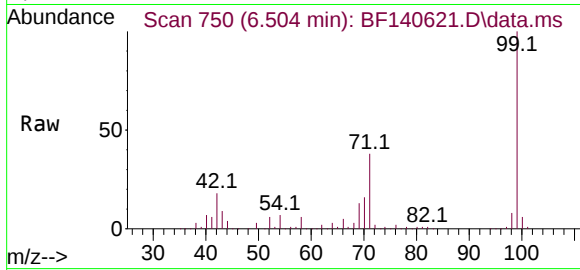
Tgt Ion: 99 Resp: 397890

Ion Ratio Lower Upper

99 100

42 18.2 15.4 23.0

71 37.6 30.6 46.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF140621.D

Acq: 25 Nov 2024 23:22

Tgt Ion: 136 Resp: 211702

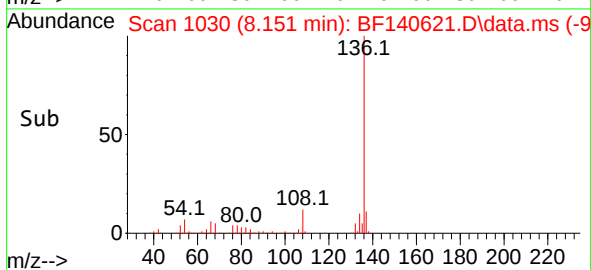
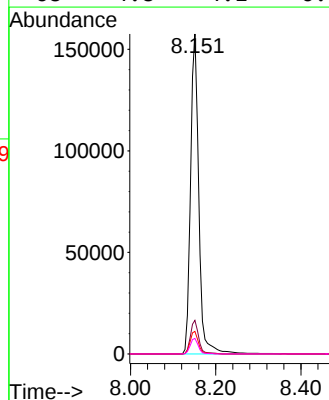
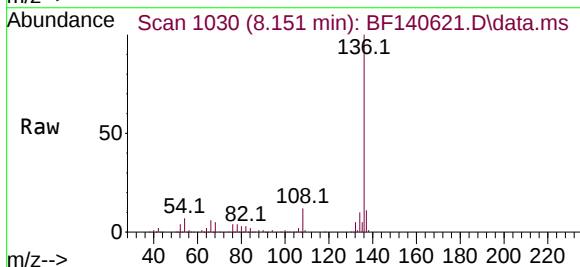
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 7.0 5.8 8.8

68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 62.081 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140621.D

Acq: 25 Nov 2024 23:22

Instrument :

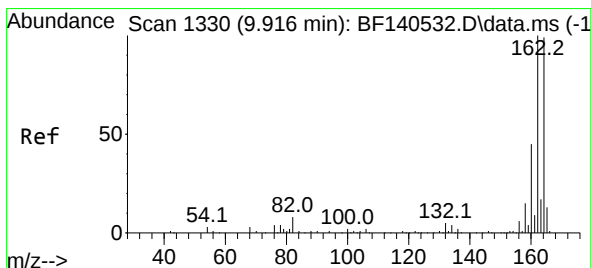
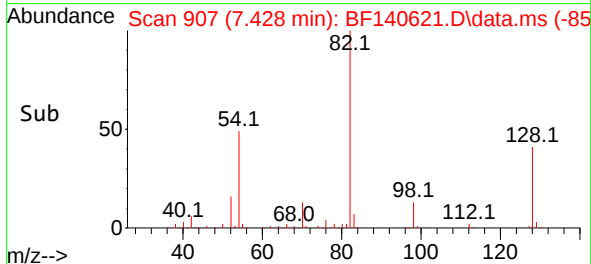
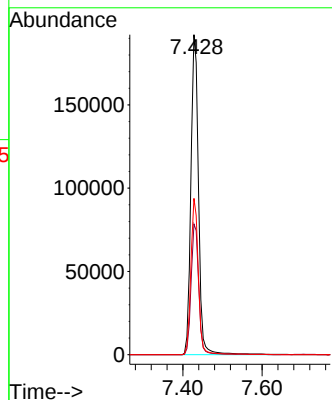
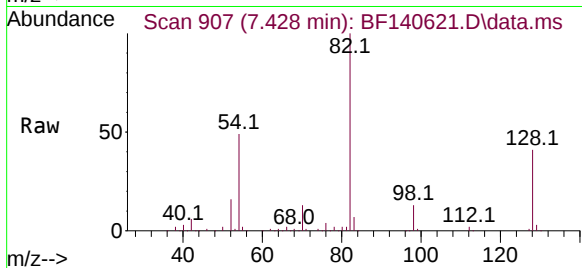
BNA_F

ClientSampleId :

PH2-BOT-008

Tgt Ion: 82 Resp: 256943

Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.0	49.4
54	48.9	39.5	59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

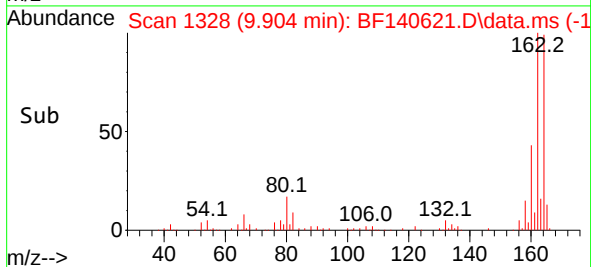
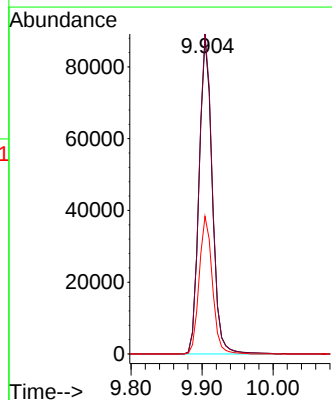
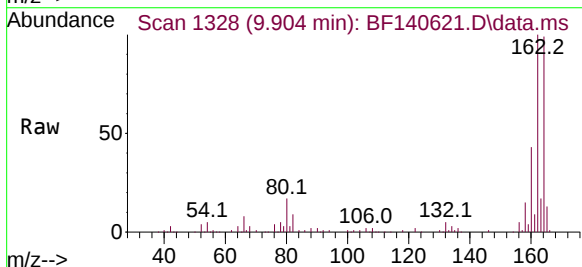
Delta R.T. -0.012 min

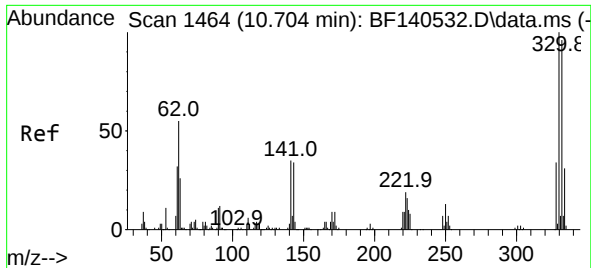
Lab File: BF140621.D

Acq: 25 Nov 2024 23:22

Tgt Ion:164 Resp: 113735

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	120.8
160	43.6	36.2	54.4

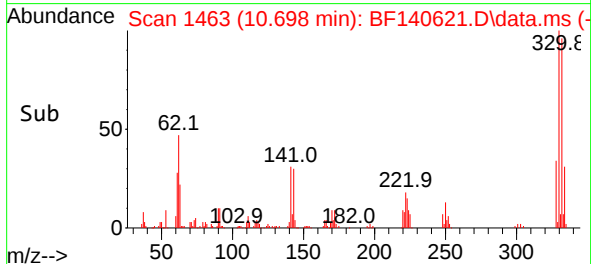
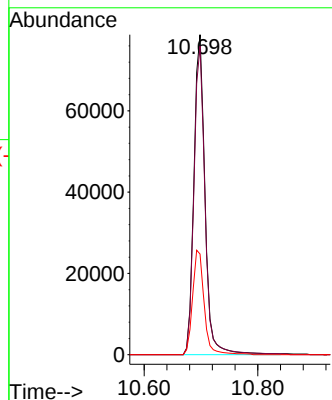
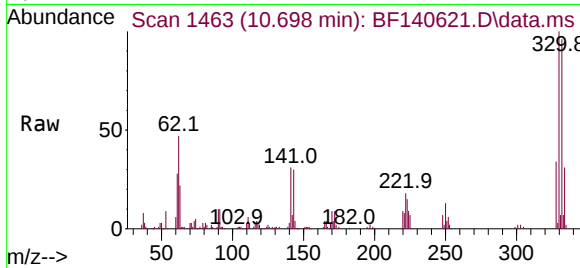




#42
2,4,6-Tribromophenol
Concen: 88.675 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140621.D
Acq: 25 Nov 2024 23:22

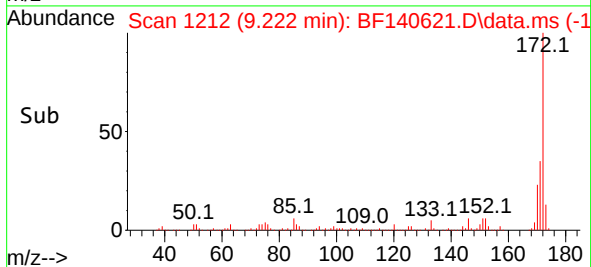
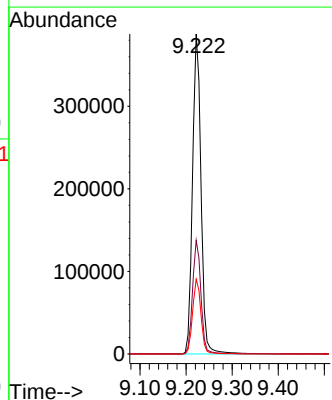
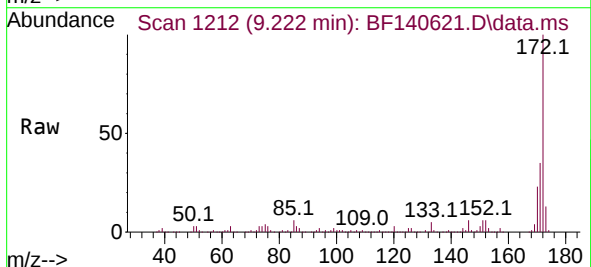
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-008

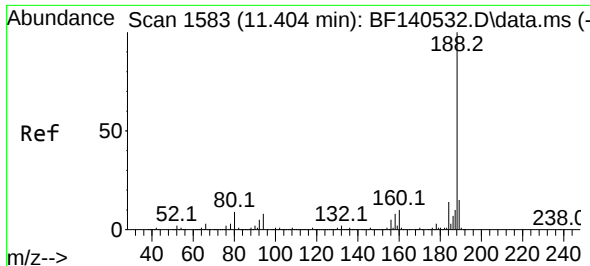
Tgt Ion:330 Resp: 107865
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 33.8 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 64.926 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140621.D
Acq: 25 Nov 2024 23:22

Tgt Ion:172 Resp: 495612
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.3 19.0 28.6

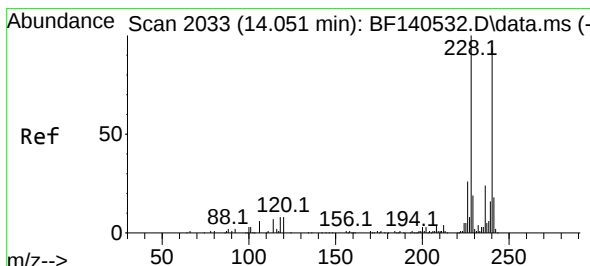
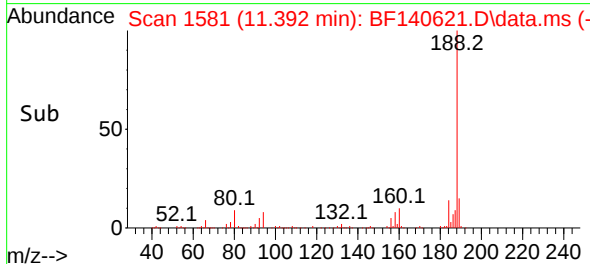
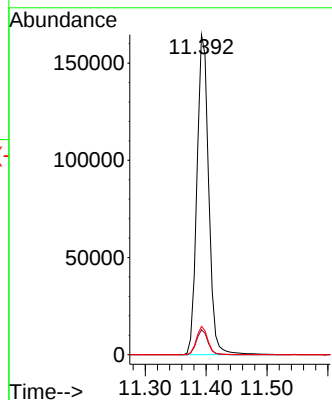
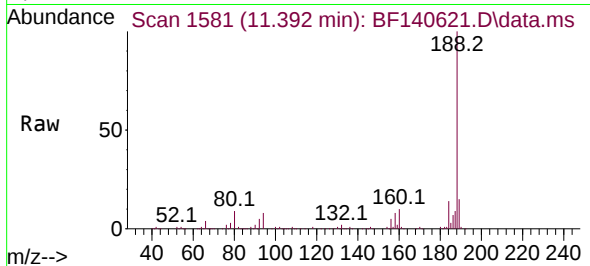




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140621.D
Acq: 25 Nov 2024 23:22

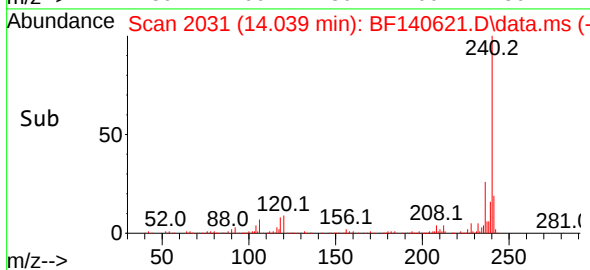
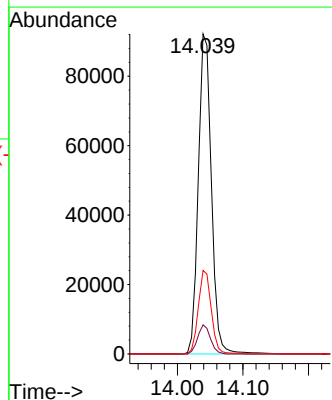
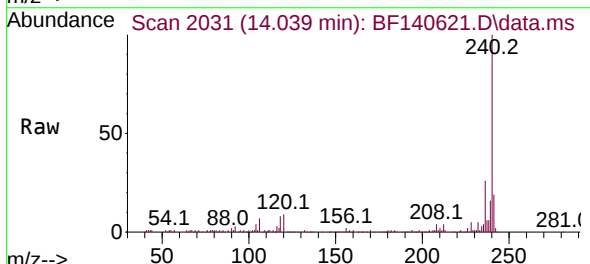
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-008

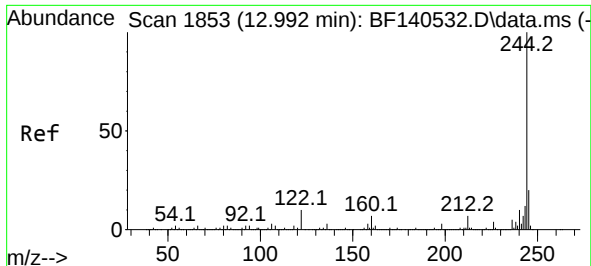
Tgt Ion:188 Resp: 220246
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 8.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF140621.D
Acq: 25 Nov 2024 23:22

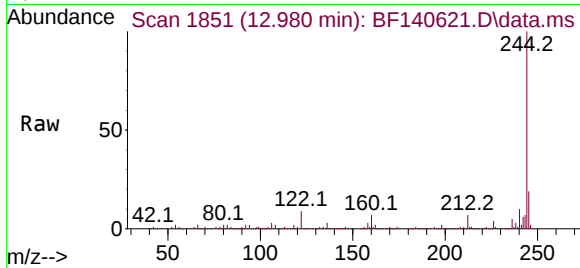
Tgt Ion:240 Resp: 128275
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 26.1 20.6 31.0



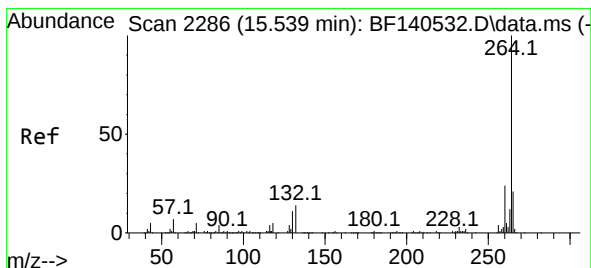
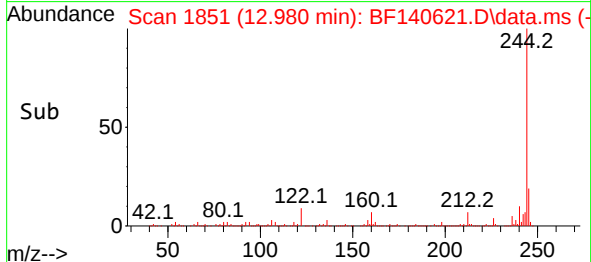
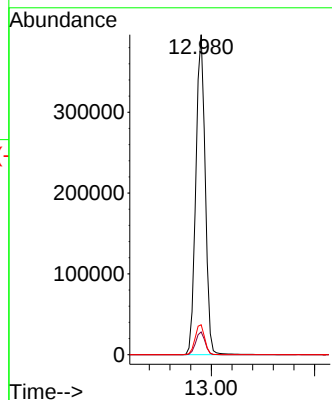


#79
 Terphenyl-d14
 Concen: 60.495 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140621.D
 Acq: 25 Nov 2024 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-008



Tgt Ion:244 Resp: 498356
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.3 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF140621.D
 Acq: 25 Nov 2024 23:22

Tgt Ion:264 Resp: 122422
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 22.1 16.6 25.0

