

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
Data File : BF140580.D
Acq On : 22 Nov 2024 16:24
Operator : RC/JU
Sample : P4924-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

Quant Time: Nov 22 17:03:39 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	101269	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	371620	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	204240	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	333640	20.000	ng	0.00
76) Chrysene-d12	14.045	240	181651	20.000	ng	0.00
86) Perylene-d12	15.539	264	176199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	450247	75.859	ng	0.00
7) Phenol-d6	6.504	99	607036	77.363	ng	-0.01
23) Nitrobenzene-d5	7.428	82	396997	54.643	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	153296	70.179	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	747020	54.496	ng	-0.01
79) Terphenyl-d14	12.980	244	583829	50.046	ng	-0.01

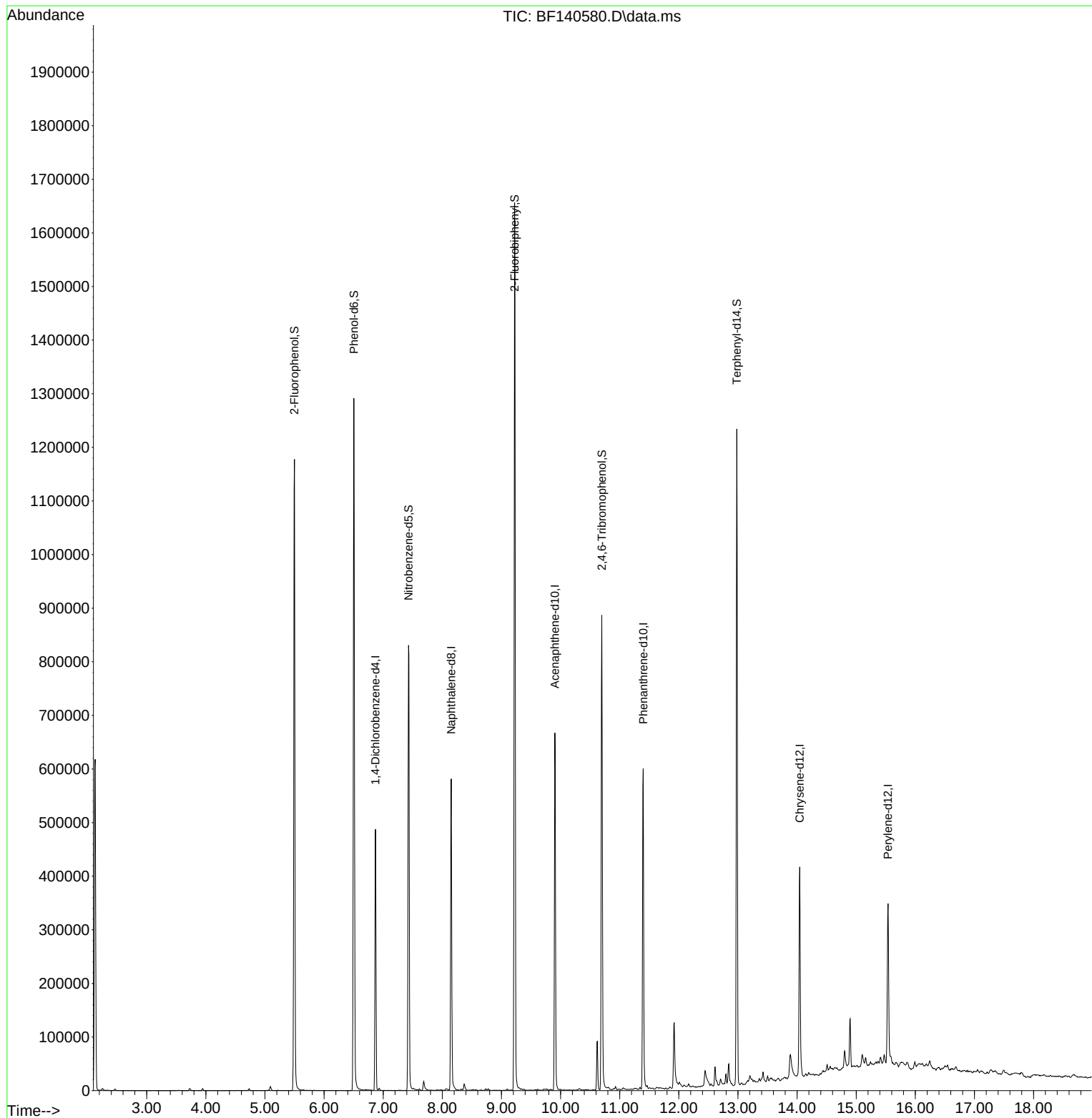
Target Compounds	Qvalue

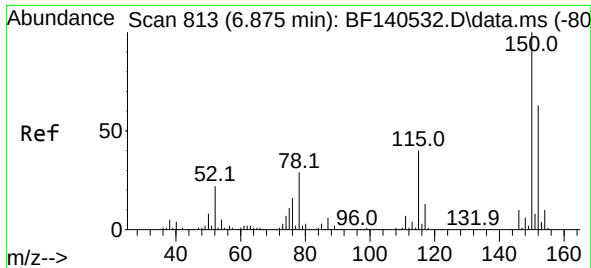
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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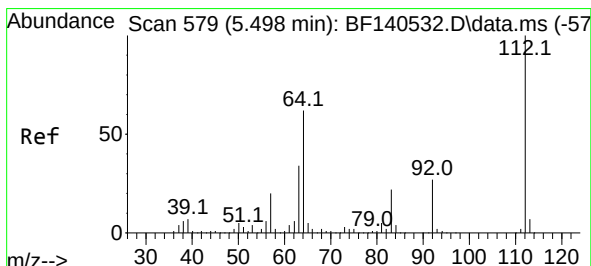
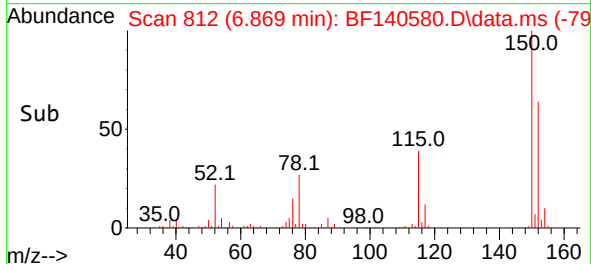
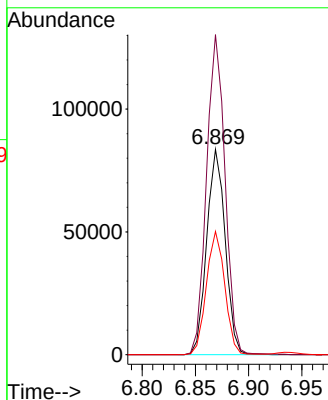
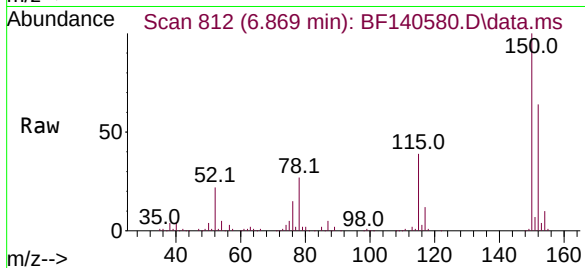




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

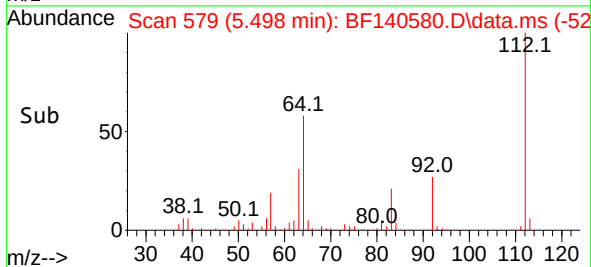
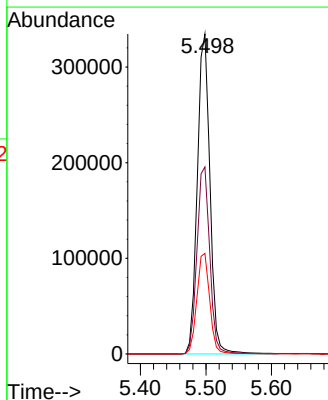
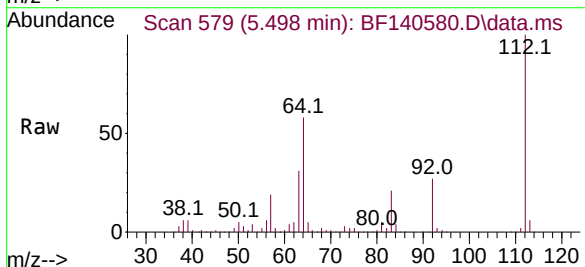
Instrument :
BNA_F
ClientSampleId :
MH-4

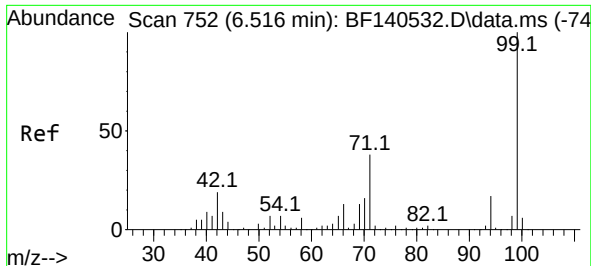
Tgt Ion:152 Resp: 101269
Ion Ratio Lower Upper
152 100
150 155.8 128.5 192.7
115 60.0 50.2 75.4



#5
2-Fluorophenol
Concen: 75.859 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

Tgt Ion:112 Resp: 450247
Ion Ratio Lower Upper
112 100
64 58.4 49.2 73.8
63 31.4 27.0 40.4

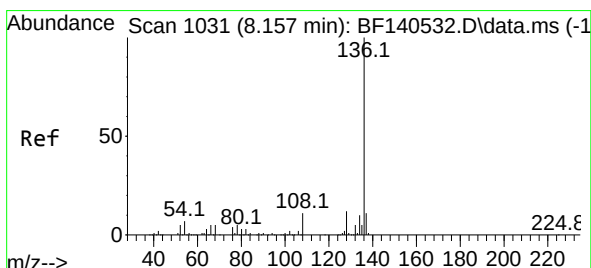
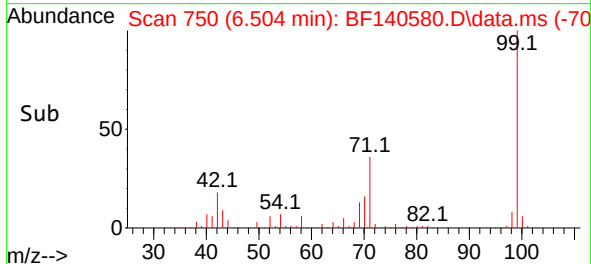
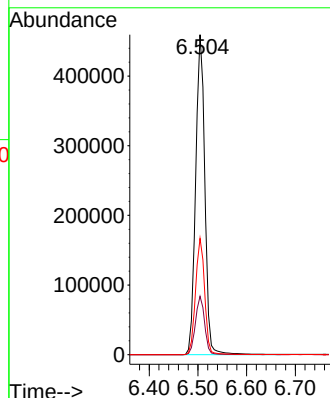
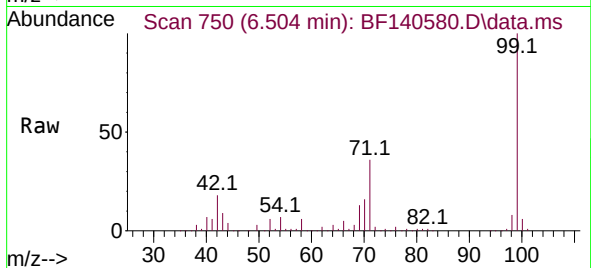




#7
Phenol-d6
Concen: 77.363 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

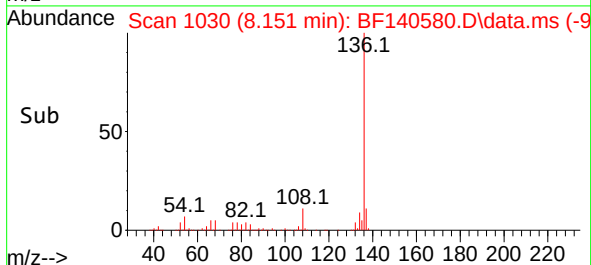
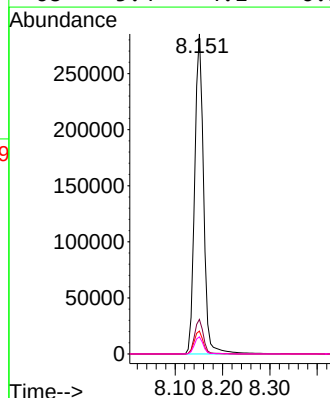
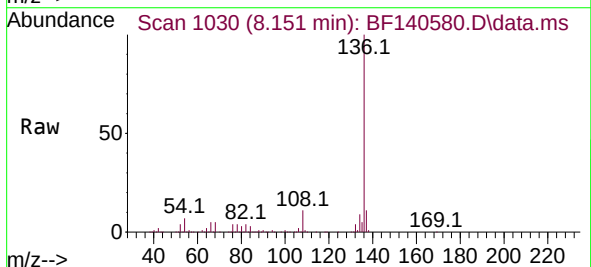
Instrument :
BNA_F
ClientSampleId :
MH-4

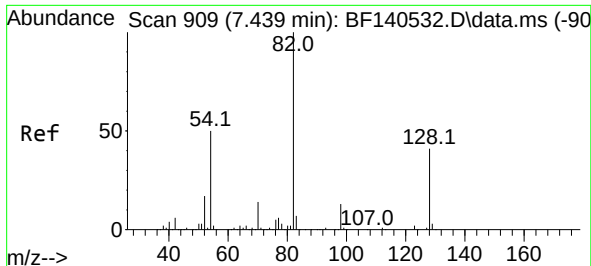
Tgt Ion: 99 Resp: 607036
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 36.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

Tgt Ion: 136 Resp: 371620
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.1 5.8 8.8
68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 54.643 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140580.D

Acq: 22 Nov 2024 16:24

Instrument :

BNA_F

ClientSampleId :

MH-4

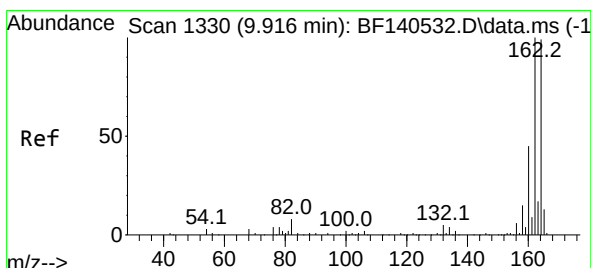
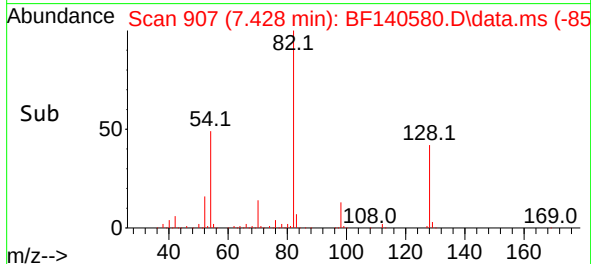
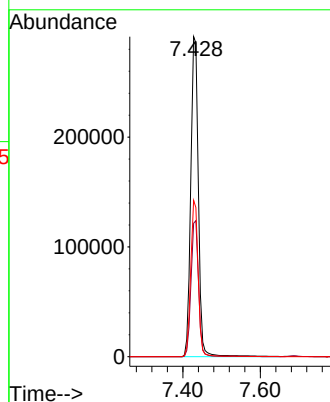
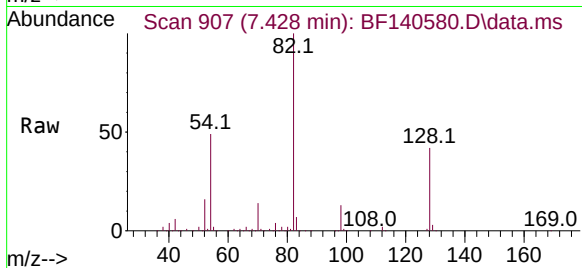
Tgt Ion: 82 Resp: 396997

Ion Ratio Lower Upper

82 100

128 41.7 33.0 49.4

54 48.8 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: BF140580.D

Acq: 22 Nov 2024 16:24

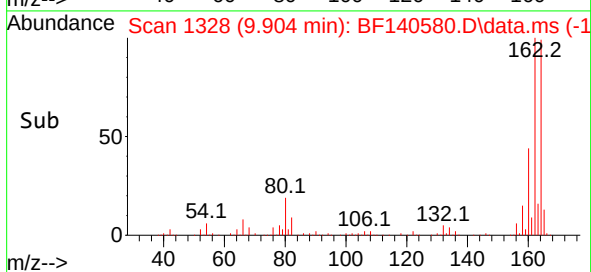
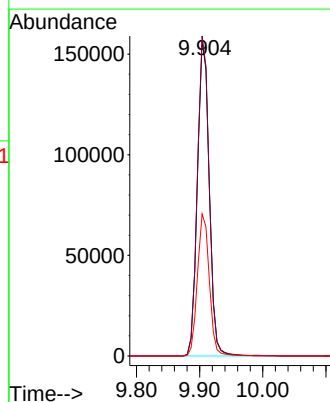
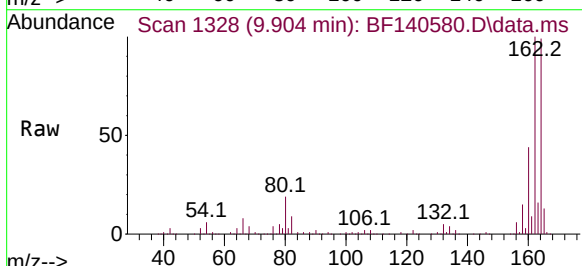
Tgt Ion: 164 Resp: 204240

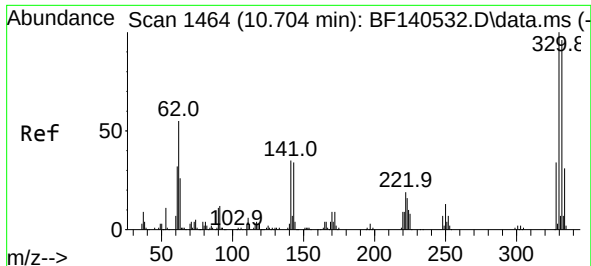
Ion Ratio Lower Upper

164 100

162 101.3 80.6 120.8

160 45.0 36.2 54.4

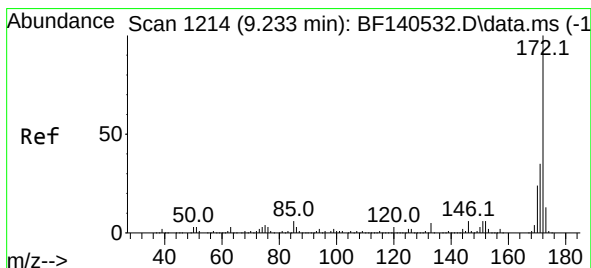
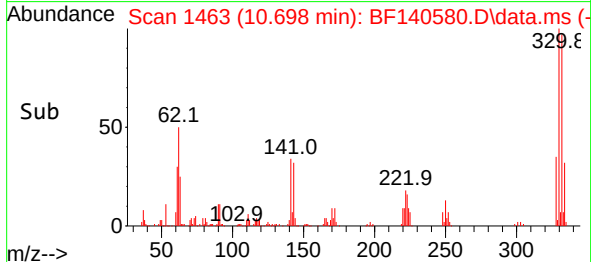
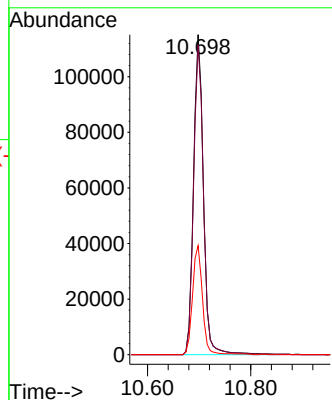
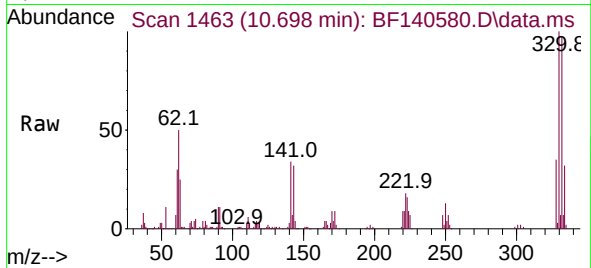




#42
2,4,6-Tribromophenol
Concen: 70.179 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

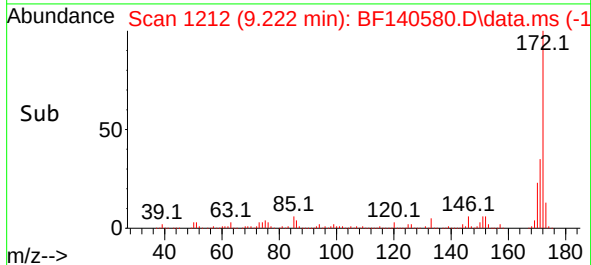
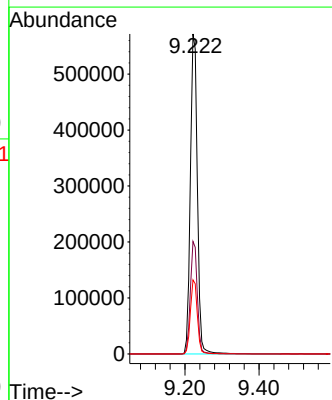
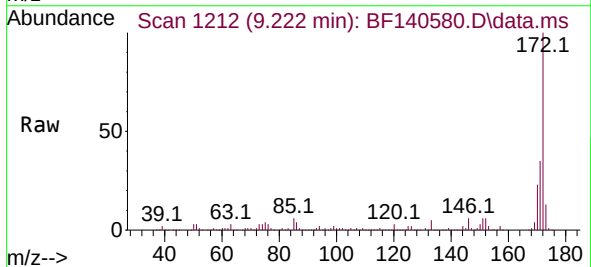
Instrument :
BNA_F
ClientSampleId :
MH-4

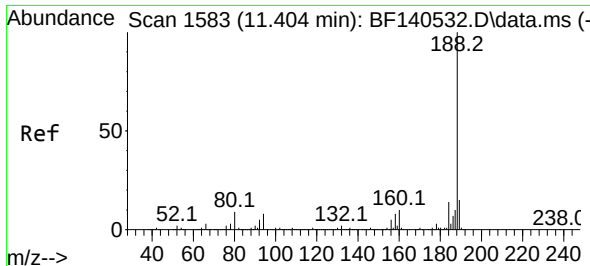
Tgt Ion:330 Resp: 153296
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 34.3 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 54.496 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

Tgt Ion:172 Resp: 747020
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.2 19.0 28.6

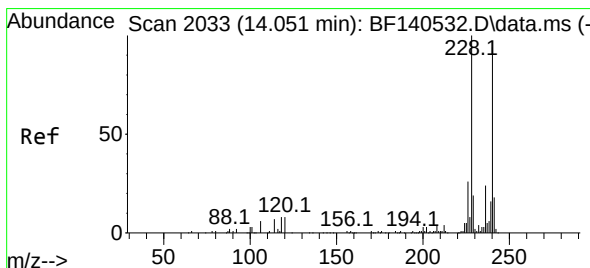
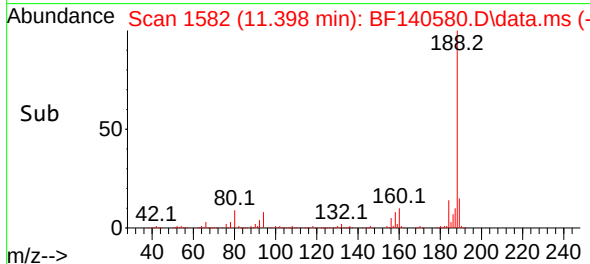
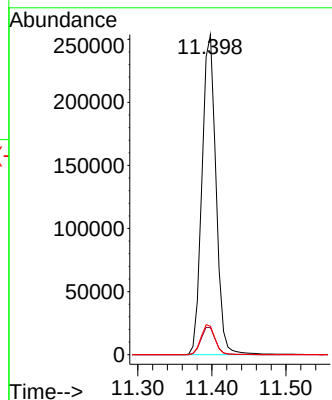
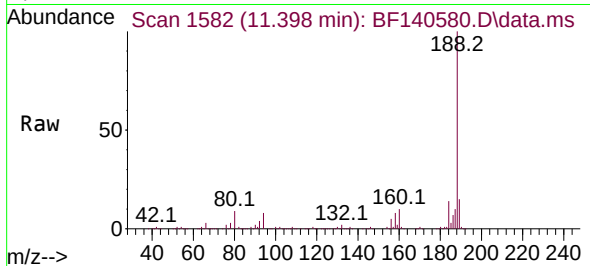




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

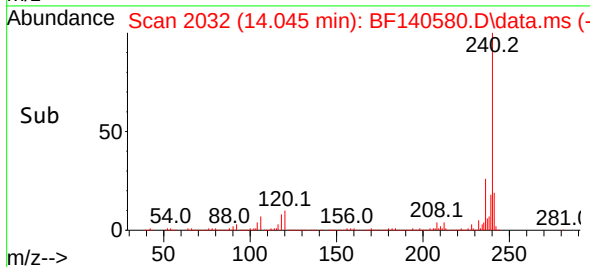
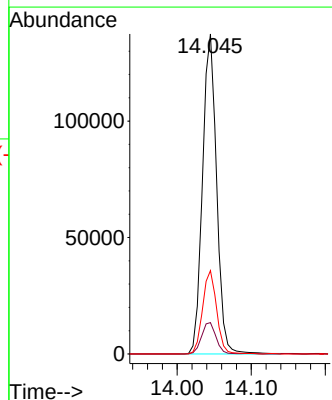
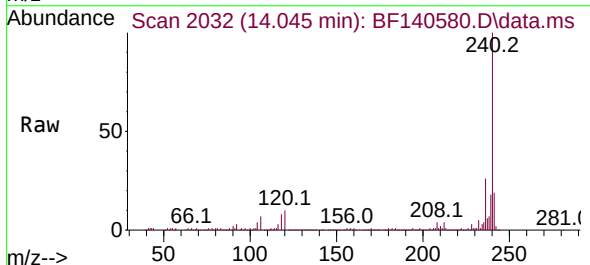
Instrument :
BNA_F
ClientSampleId :
MH-4

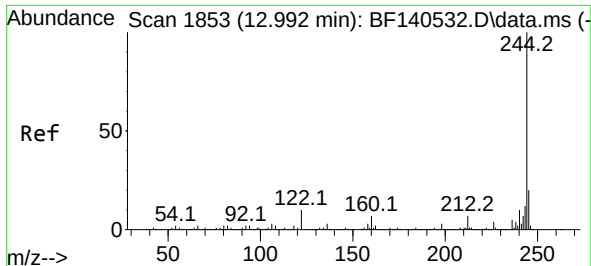
Tgt Ion:188 Resp: 333640
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 8.9 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

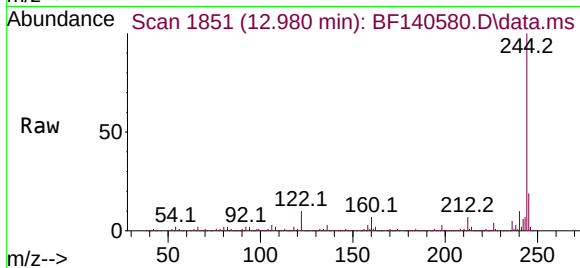
Tgt Ion:240 Resp: 181651
Ion Ratio Lower Upper
240 100
120 9.8 7.3 10.9
236 26.0 20.6 31.0



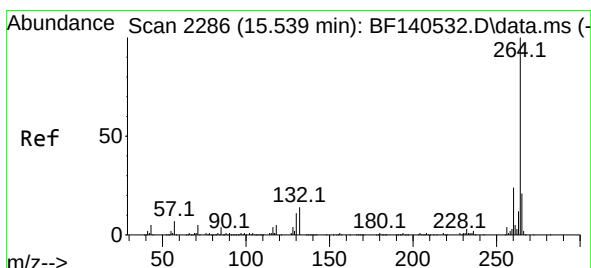
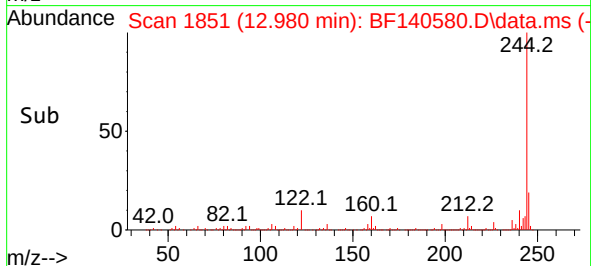
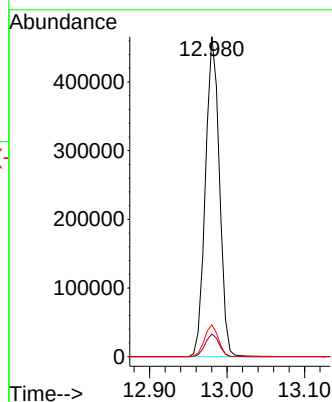


#79
Terphenyl-d14
Concen: 50.046 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

Instrument :
BNA_F
ClientSampleId :
MH-4



Tgt Ion:244 Resp: 583829
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.9 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

Tgt Ion:264 Resp: 176199
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.2 16.6 25.0

