

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
Data File : BF140752.D
Acq On : 05 Dec 2024 16:53
Operator : RC/JU
Sample : P5096-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-A

Quant Time: Dec 05 17:12:40 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	66841	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	261690	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	141260	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	235200	20.000	ng	0.00
76) Chrysene-d12	14.057	240	137617	20.000	ng	0.00
86) Perylene-d12	15.580	264	155384	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	550800	140.599	ng	0.01
7) Phenol-d6	6.516	99	718405	138.714	ng	0.00
23) Nitrobenzene-d5	7.434	82	473327	92.517	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	202906	134.305	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	910373	96.022	ng	-0.01
79) Terphenyl-d14	12.980	244	712118	80.576	ng	-0.01

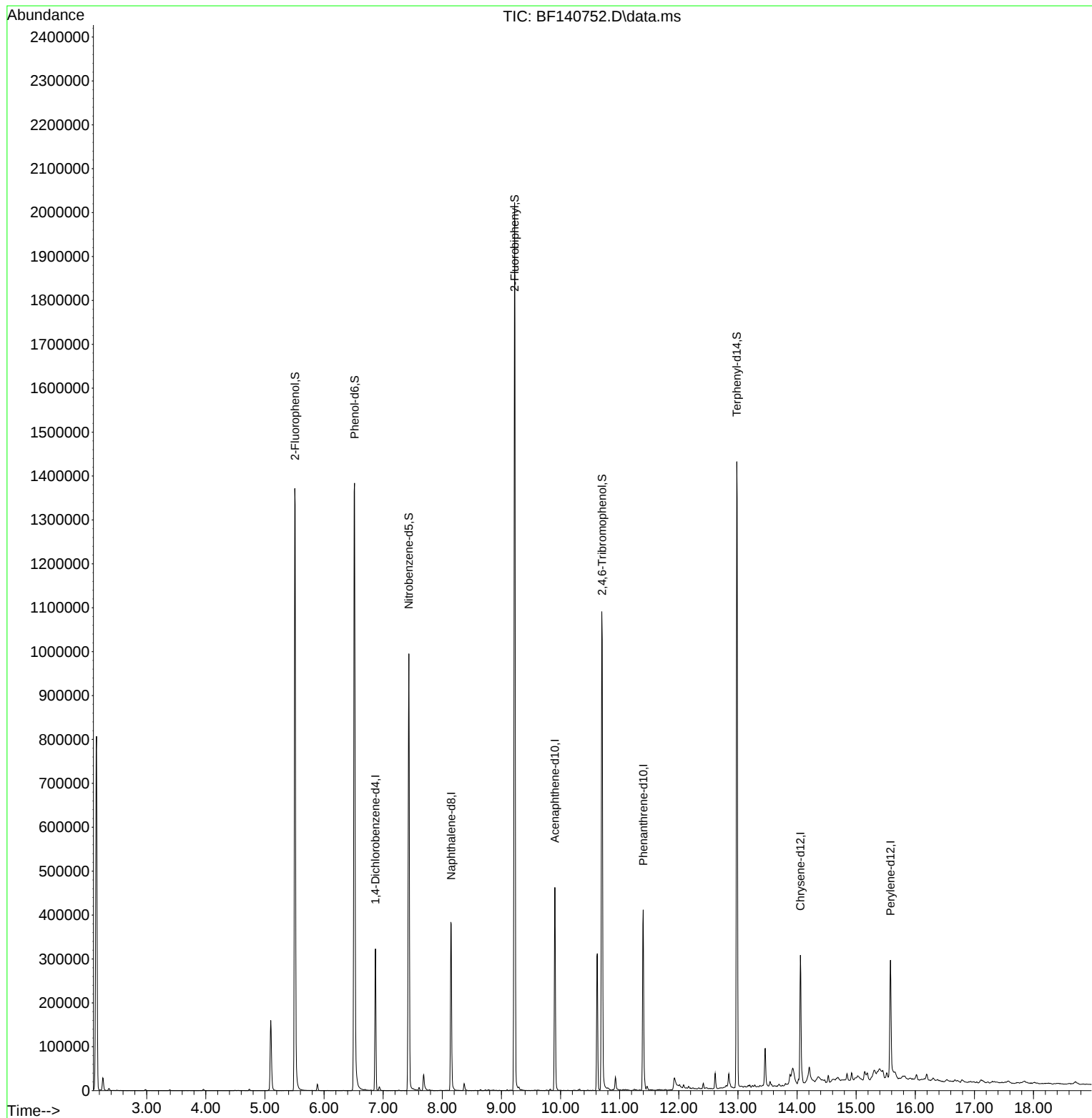
Target Compounds	Qvalue

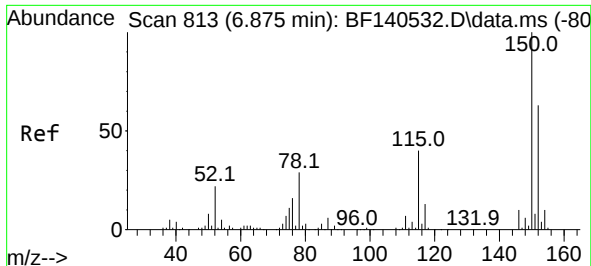
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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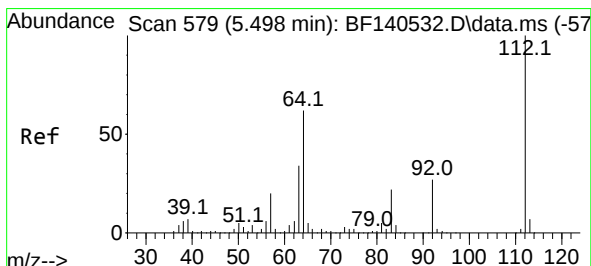
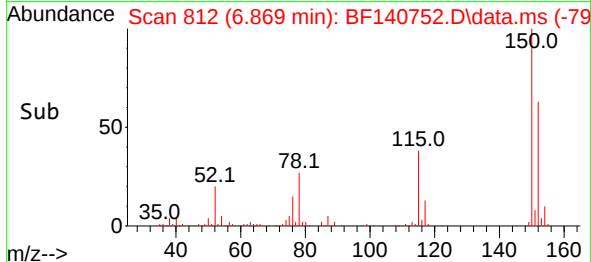
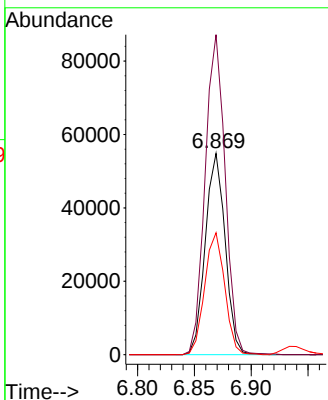
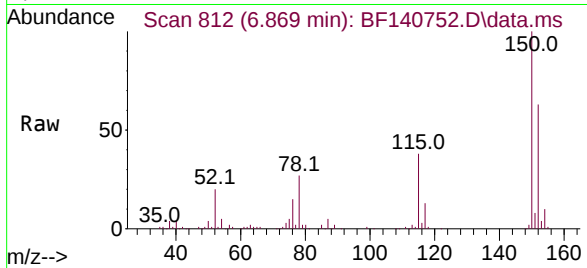




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140752.D
Acq: 05 Dec 2024 16:53

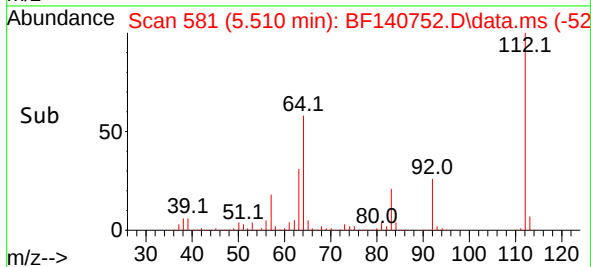
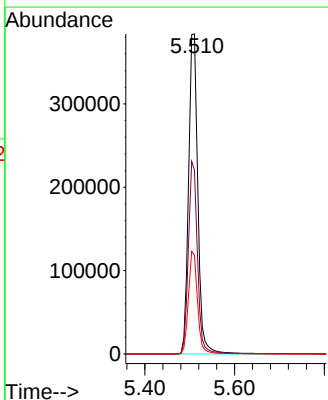
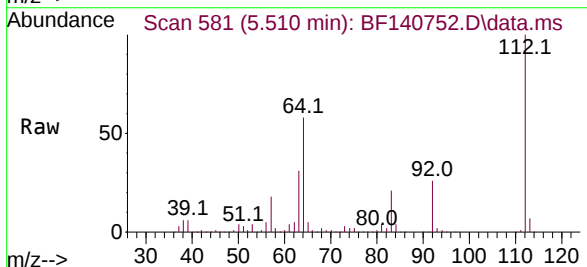
Instrument :
BNA_F
ClientSampleId :
MH-A

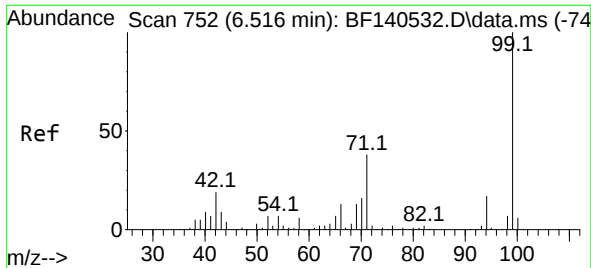
Tgt Ion:152 Resp: 66841
Ion Ratio Lower Upper
152 100
150 159.0 128.5 192.7
115 60.6 50.2 75.4



#5
2-Fluorophenol
Concen: 140.599 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140752.D
Acq: 05 Dec 2024 16:53

Tgt Ion:112 Resp: 550800
Ion Ratio Lower Upper
112 100
64 57.5 49.2 73.8
63 30.9 27.0 40.4

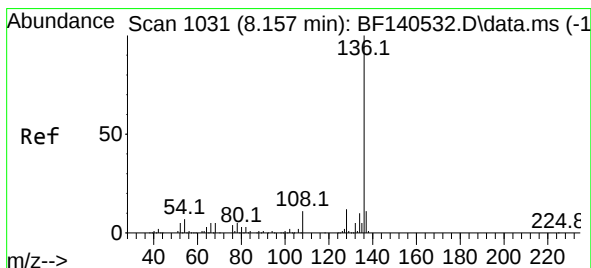
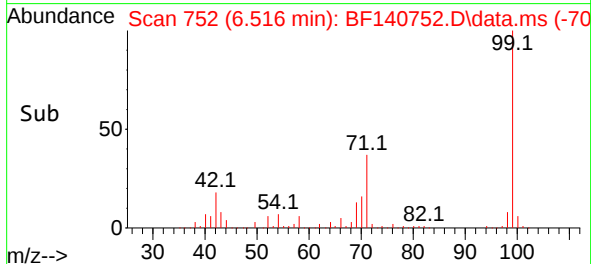
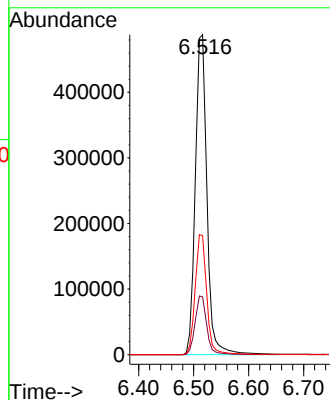
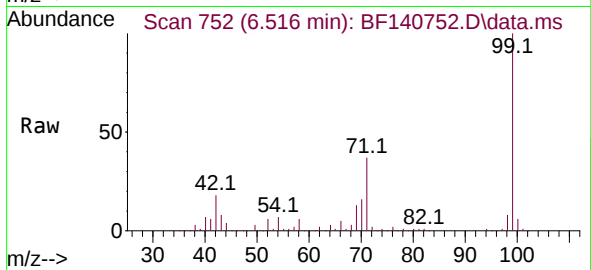




#7
Phenol-d6
Concen: 138.714 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140752.D
Acq: 05 Dec 2024 16:53

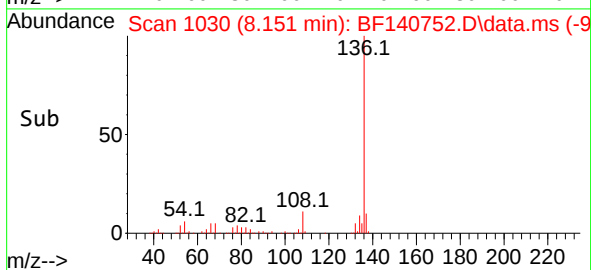
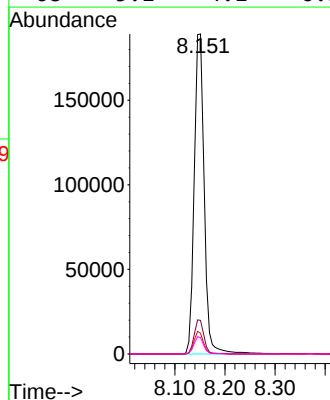
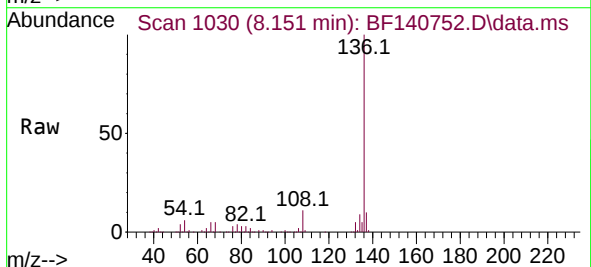
Instrument :
BNA_F
ClientSampleId :
MH-A

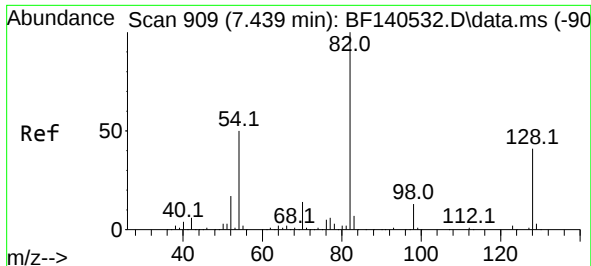
Tgt Ion: 99 Resp: 718405
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 37.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140752.D
Acq: 05 Dec 2024 16:53

Tgt Ion: 136 Resp: 261690
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 6.5 5.8 8.8
68 5.1 4.1 6.1

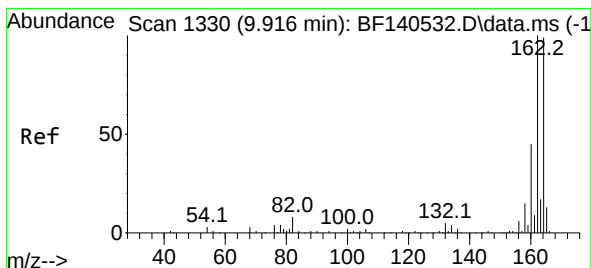
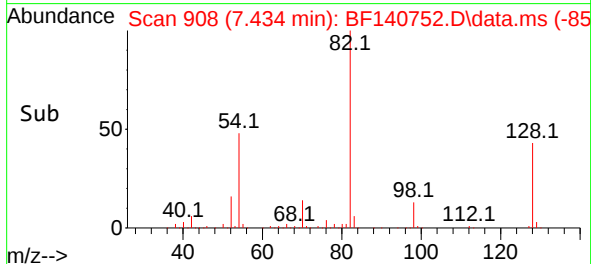
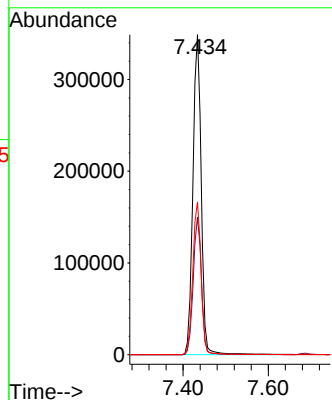
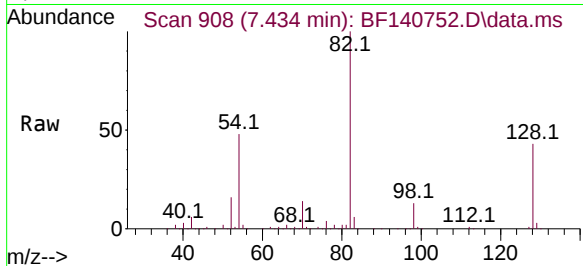




#23
 Nitrobenzene-d5
 Concen: 92.517 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140752.D
 Acq: 05 Dec 2024 16:53

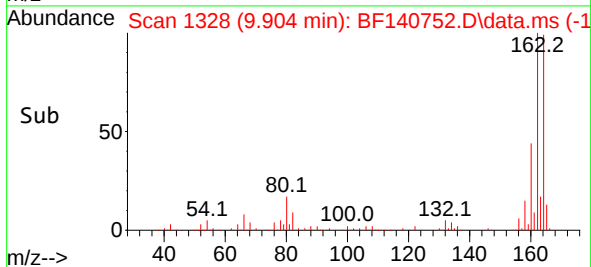
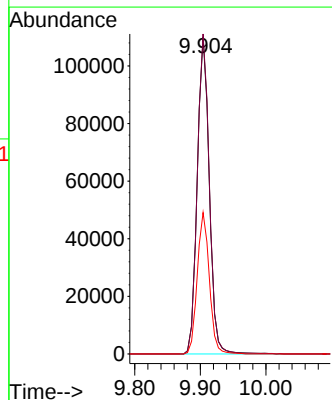
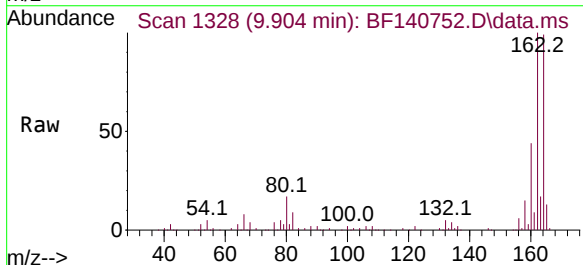
Instrument :
 BNA_F
 ClientSampleId :
 MH-A

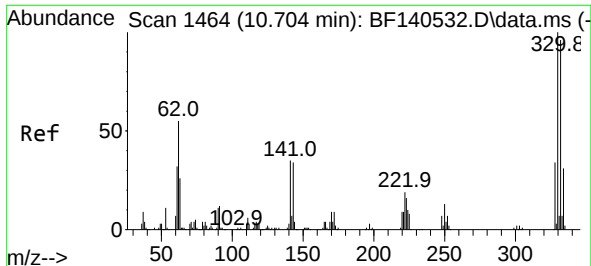
Tgt Ion: 82 Resp: 473327
 Ion Ratio Lower Upper
 82 100
 128 43.0 33.0 49.4
 54 47.8 39.5 59.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1328
 Delta R.T. -0.012 min
 Lab File: BF140752.D
 Acq: 05 Dec 2024 16:53

Tgt Ion:164 Resp: 141260
 Ion Ratio Lower Upper
 164 100
 162 100.9 80.6 120.8
 160 44.6 36.2 54.4

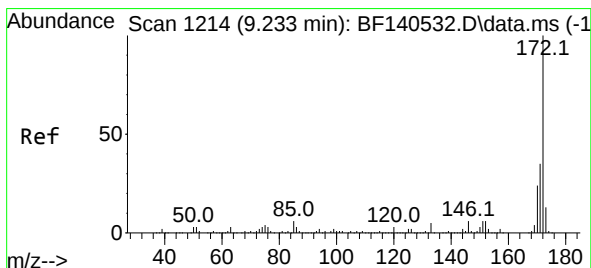
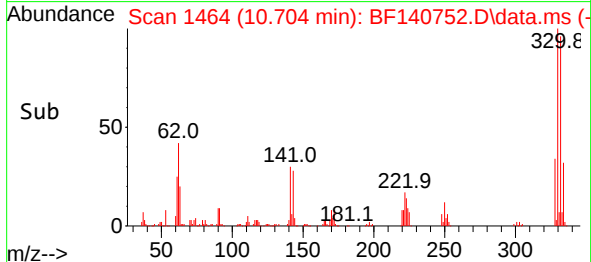
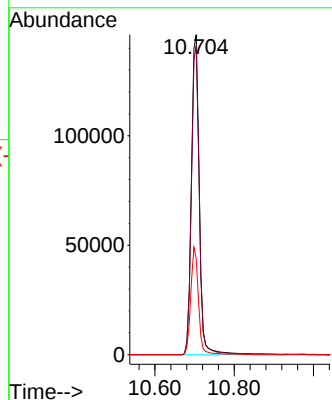
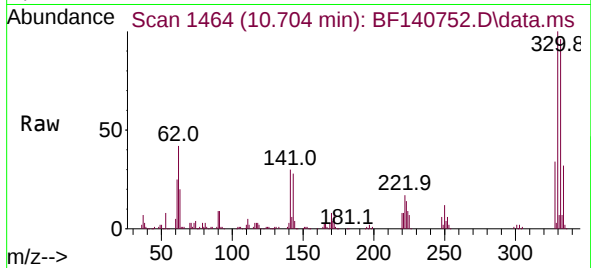




#42
2,4,6-Tribromophenol
Concen: 134.305 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140752.D
Acq: 05 Dec 2024 16:53

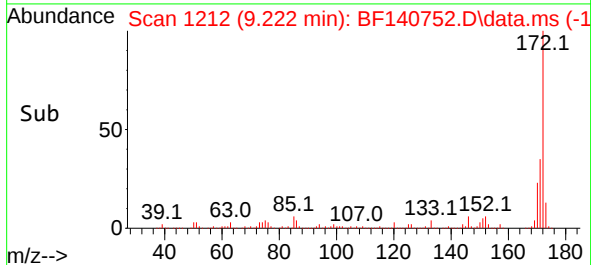
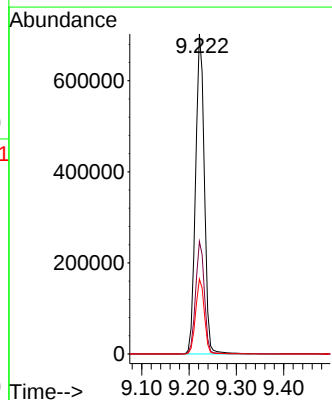
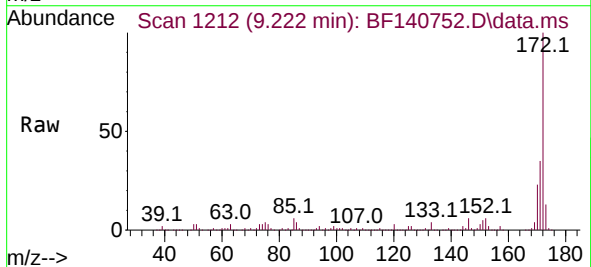
Instrument :
BNA_F
ClientSampleId :
MH-A

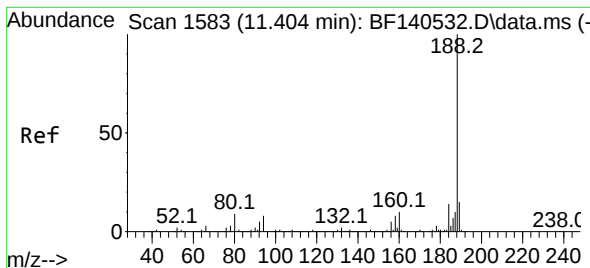
Tgt Ion:330 Resp: 202906
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 33.0 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 96.022 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140752.D
Acq: 05 Dec 2024 16:53

Tgt Ion:172 Resp: 910373
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140752.D

Acq: 05 Dec 2024 16:53

Instrument :

BNA_F

ClientSampleId :

MH-A

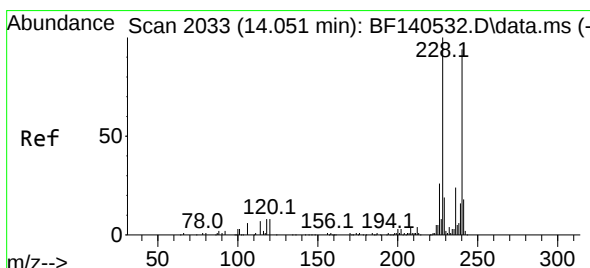
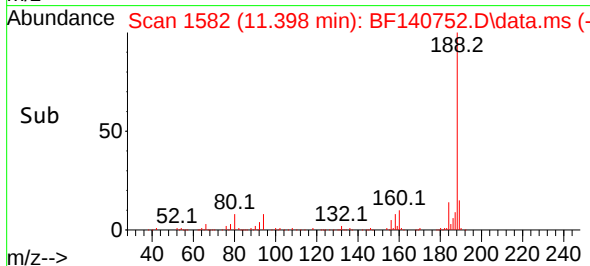
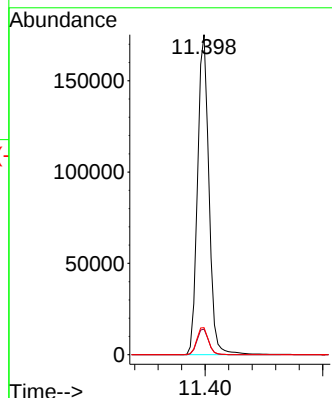
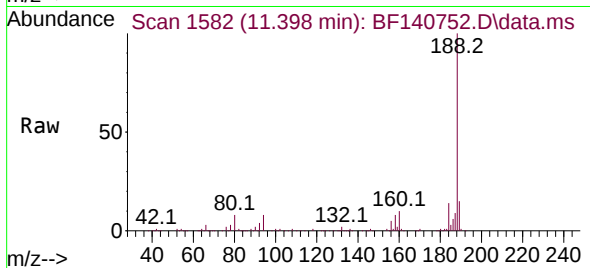
Tgt Ion:188 Resp: 235200

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.5 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140752.D

Acq: 05 Dec 2024 16:53

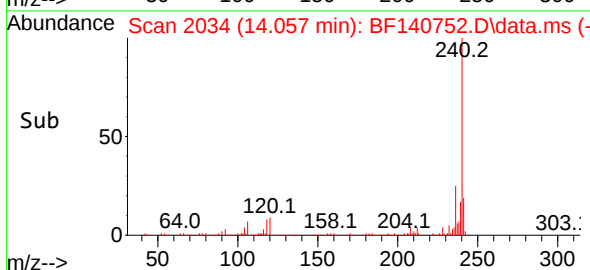
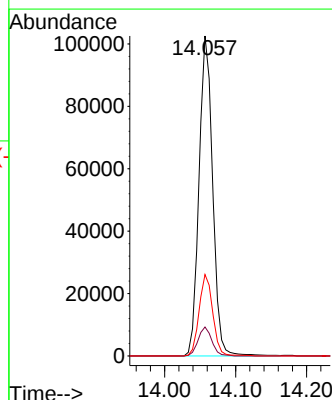
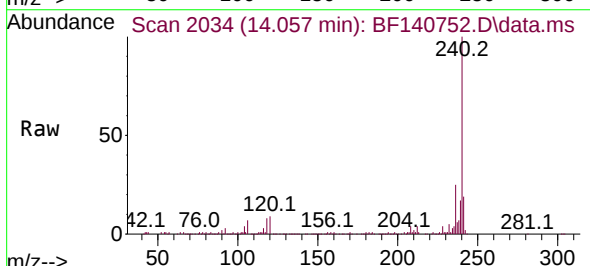
Tgt Ion:240 Resp: 137617

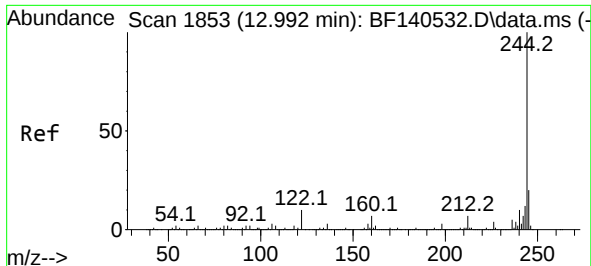
Ion Ratio Lower Upper

240 100

120 9.0 7.3 10.9

236 25.5 20.6 31.0

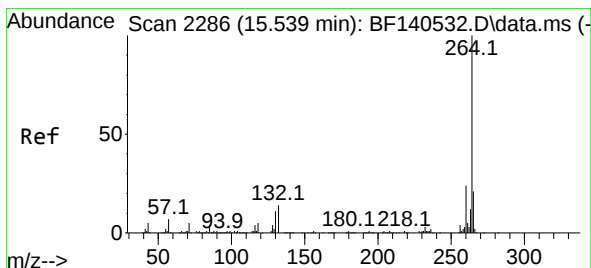
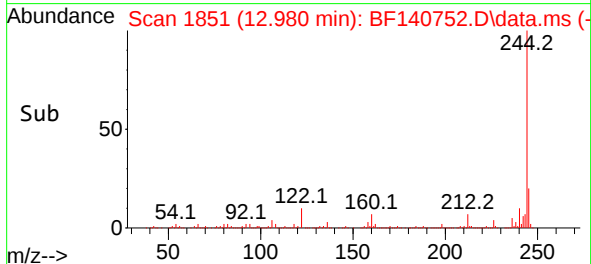
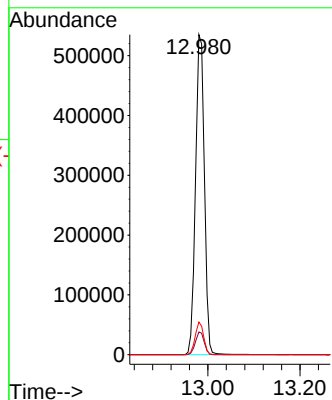
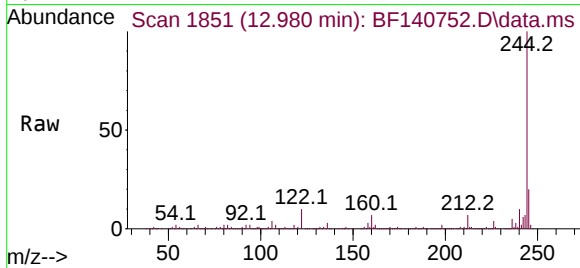




#79
 Terphenyl-d14
 Concen: 80.576 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF140752.D
 Acq: 05 Dec 2024 16:53

Instrument :
 BNA_F
 ClientSampleId :
 MH-A

Tgt Ion:244 Resp: 712118
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.2 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2293
 Delta R.T. 0.041 min
 Lab File: BF140752.D
 Acq: 05 Dec 2024 16:53

Tgt Ion:264 Resp: 155384
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.5 16.6 25.0

