

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
 Data File : BF140772.D
 Acq On : 06 Dec 2024 17:42
 Operator : RC/JU
 Sample : P5096-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-A

Quant Time: Dec 06 21:55:28 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	81264	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	328820	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	168323	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	264663	20.000	ng	0.00
76) Chrysene-d12	14.051	240	162427	20.000	ng	0.00
86) Perylene-d12	15.551	264	179237	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	687370	144.319	ng	0.02
7) Phenol-d6	6.516	99	872310	138.537	ng	0.00
23) Nitrobenzene-d5	7.434	82	588220	91.502	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	266794	148.200	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1168118	103.398	ng	-0.01
79) Terphenyl-d14	12.980	244	968791	92.875	ng	-0.01

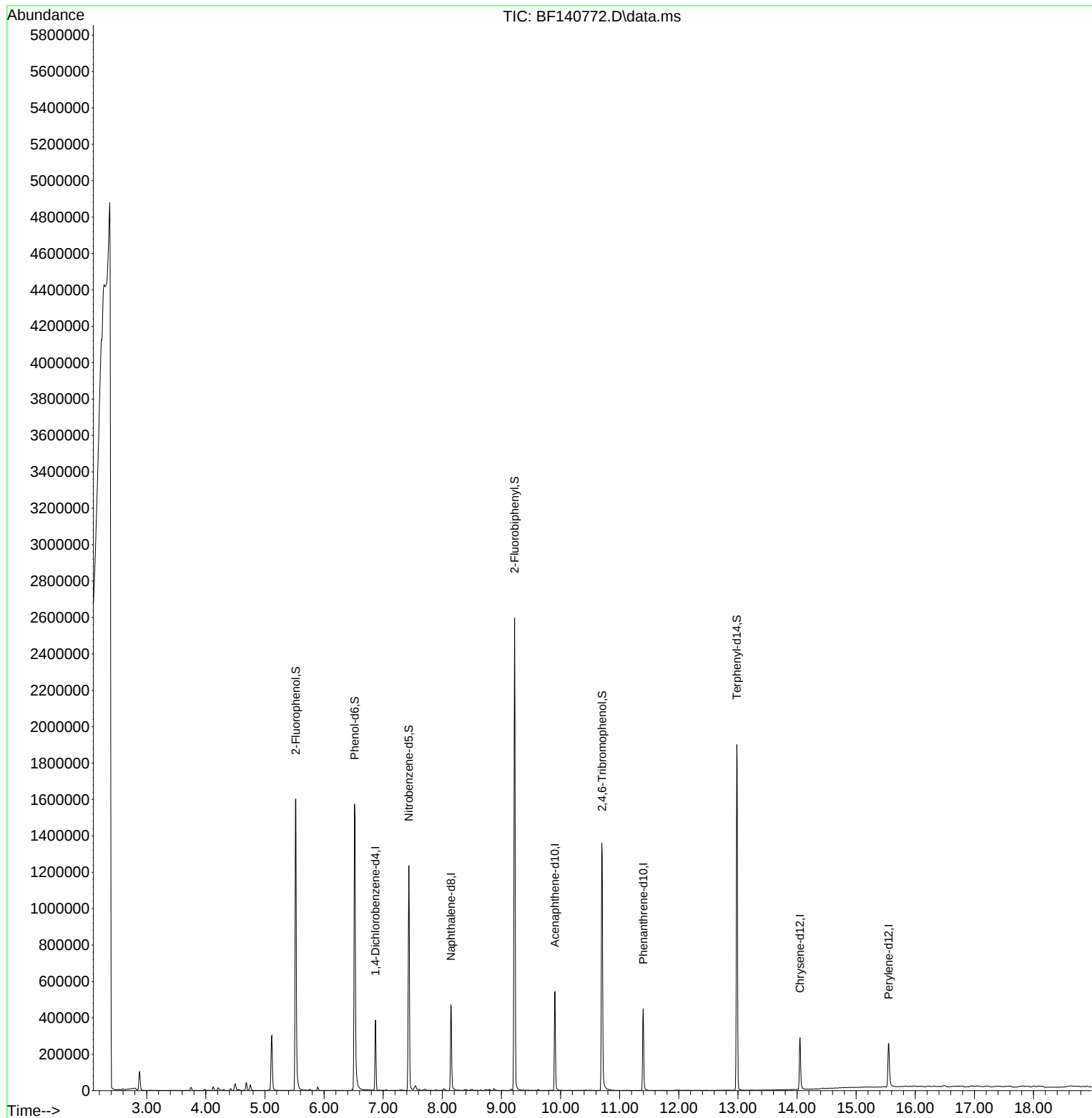
Target Compounds	Qvalue

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

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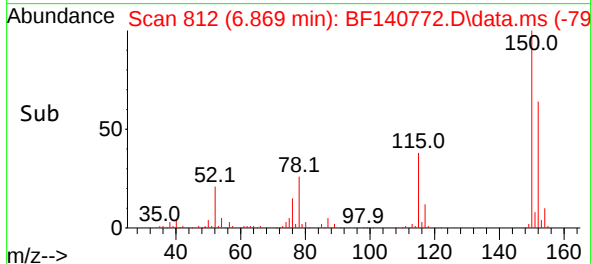
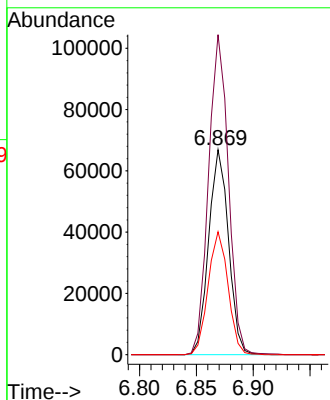
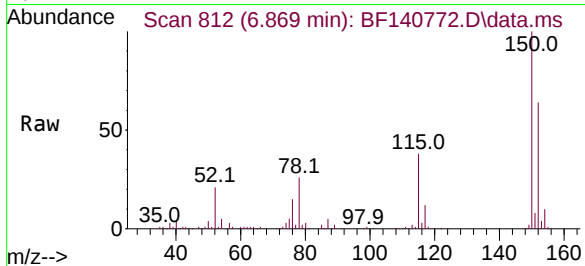




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

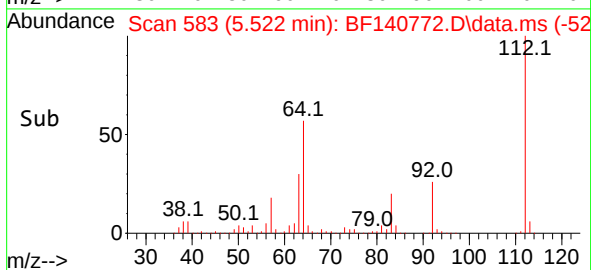
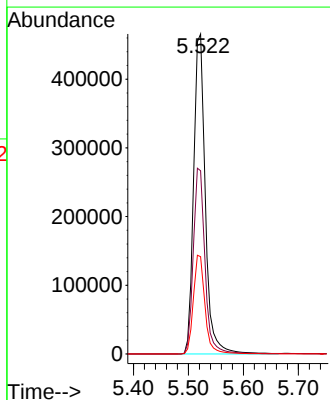
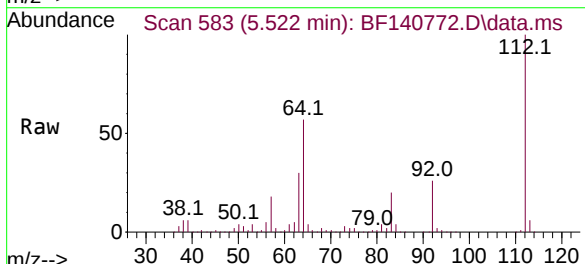
Instrument :
BNA_F
ClientSampleId :
MH-A

Tgt Ion:152 Resp: 81264
Ion Ratio Lower Upper
152 100
150 156.1 128.5 192.7
115 60.0 50.2 75.4



#5
2-Fluorophenol
Concen: 144.319 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

Tgt Ion:112 Resp: 687370
Ion Ratio Lower Upper
112 100
64 57.2 49.2 73.8
63 30.4 27.0 40.4

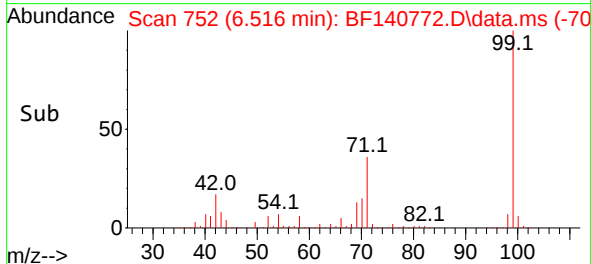
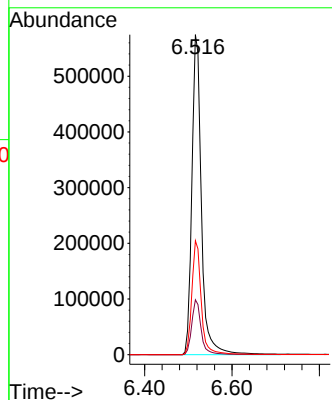
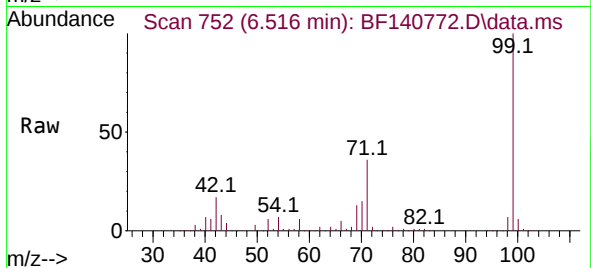




#7
Phenol-d6
Concen: 138.537 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

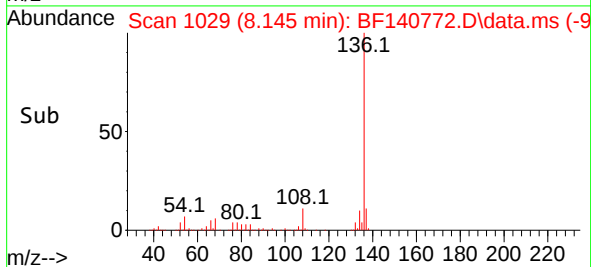
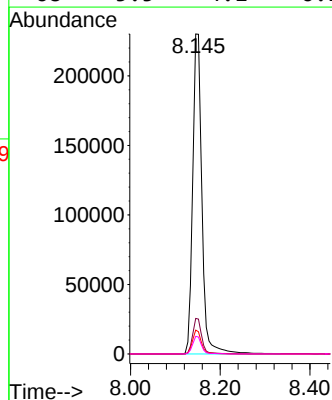
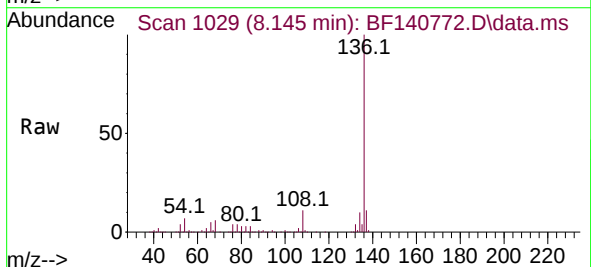
Instrument :
BNA_F
ClientSampleId :
MH-A

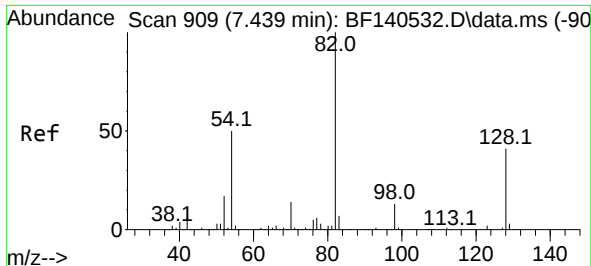
Tgt Ion: 99 Resp: 872310
Ion Ratio Lower Upper
99 100
42 17.2 15.4 23.0
71 35.6 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

Tgt Ion: 136 Resp: 328820
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.4 5.8 8.8
68 5.5 4.1 6.1

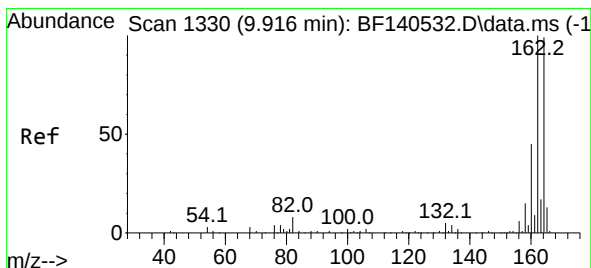
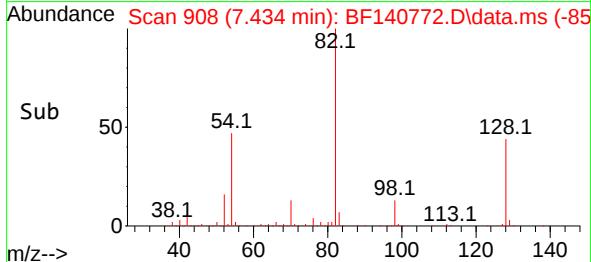
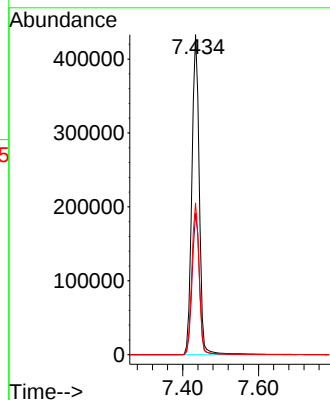
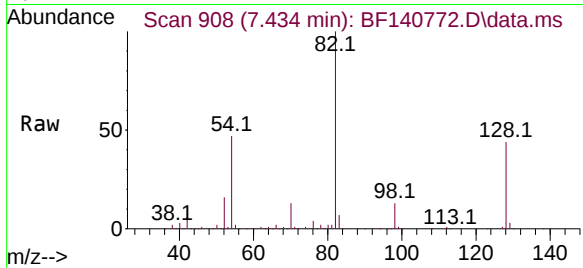




#23
 Nitrobenzene-d5
 Concen: 91.502 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140772.D
 Acq: 06 Dec 2024 17:42

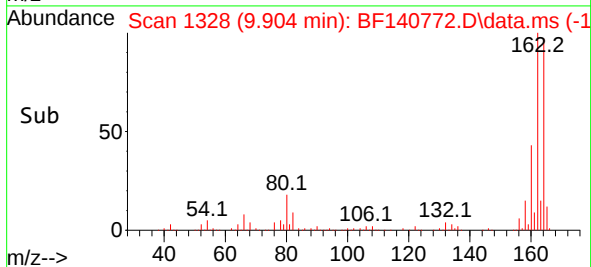
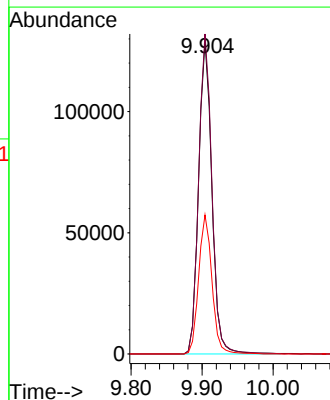
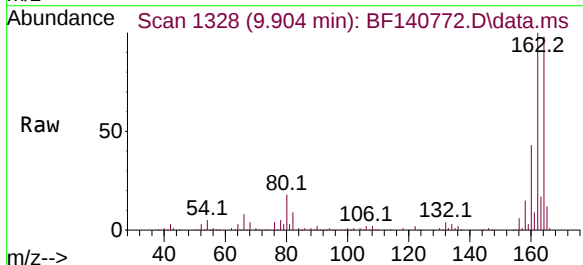
Instrument :
 BNA_F
 ClientSampleId :
 MH-A

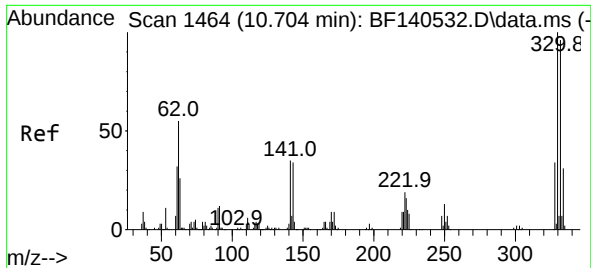
Tgt Ion: 82 Resp: 588220
 Ion Ratio Lower Upper
 82 100
 128 44.3 33.0 49.4
 54 47.4 39.5 59.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1328
 Delta R.T. -0.012 min
 Lab File: BF140772.D
 Acq: 06 Dec 2024 17:42

Tgt Ion:164 Resp: 168323
 Ion Ratio Lower Upper
 164 100
 162 102.4 80.6 120.8
 160 44.5 36.2 54.4

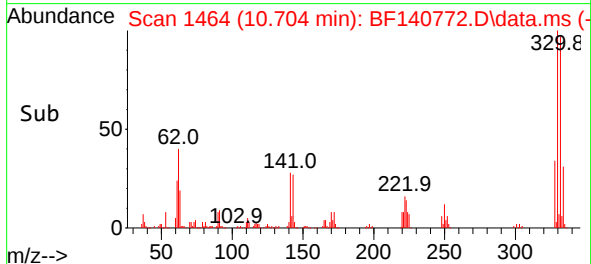
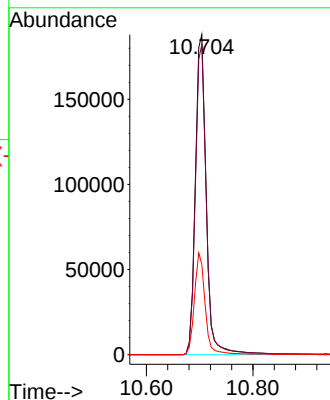
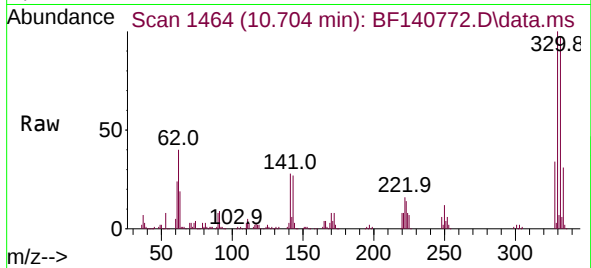




#42
2,4,6-Tribromophenol
Concen: 148.200 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

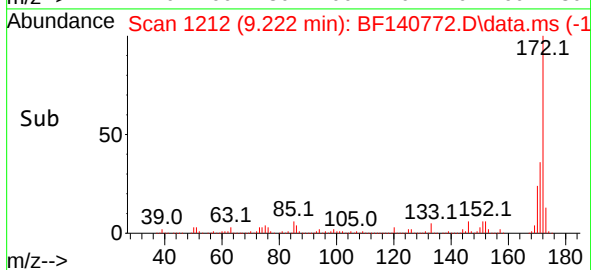
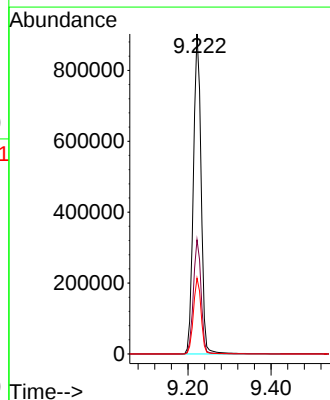
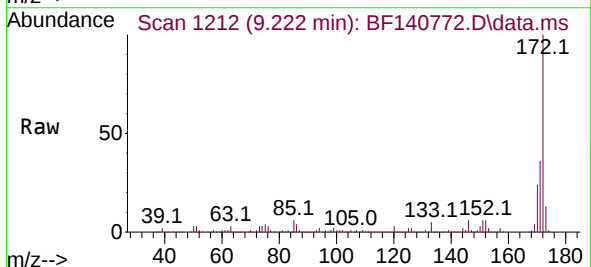
Instrument :
BNA_F
ClientSampleId :
MH-A

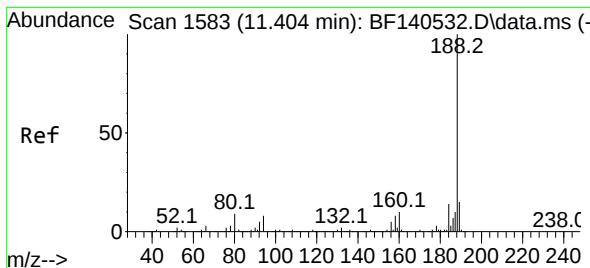
Tgt Ion:330 Resp: 266794
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 31.4 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 103.398 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

Tgt Ion:172 Resp: 1168118
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140772.D

Acq: 06 Dec 2024 17:42

Instrument :

BNA_F

ClientSampleId :

MH-A

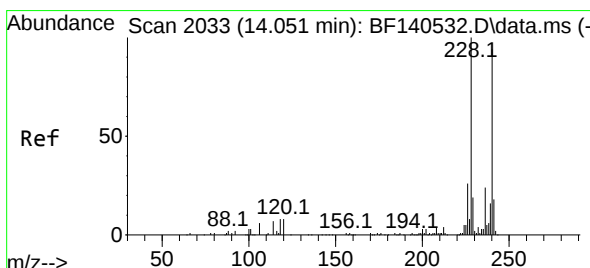
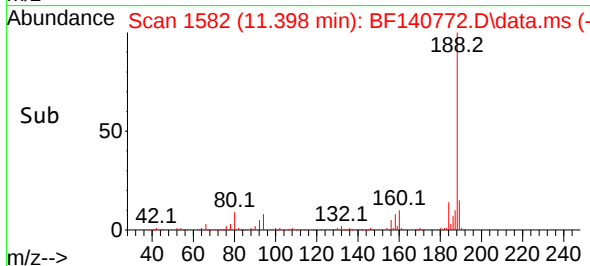
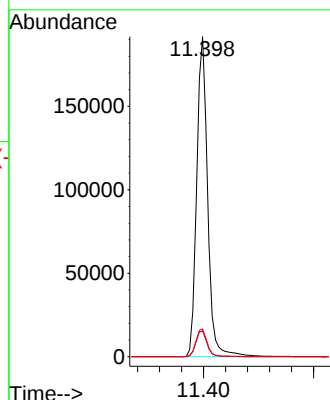
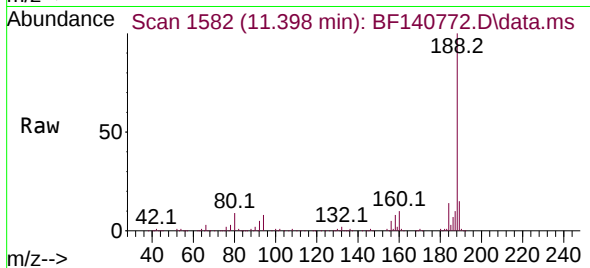
Tgt Ion:188 Resp: 264663

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.7 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140772.D

Acq: 06 Dec 2024 17:42

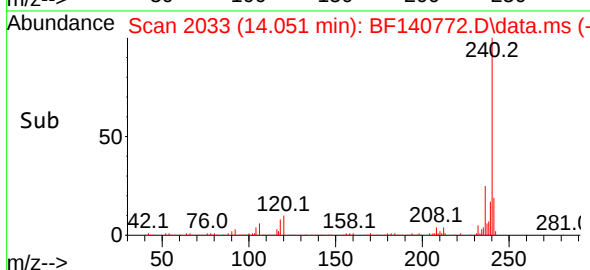
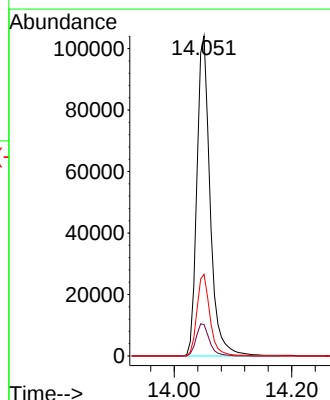
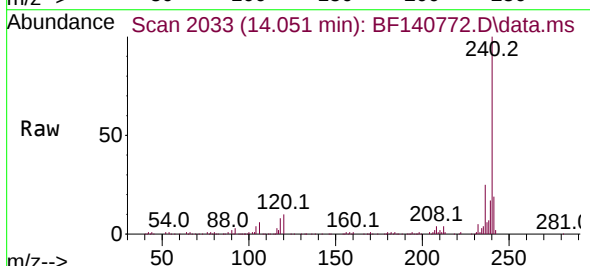
Tgt Ion:240 Resp: 162427

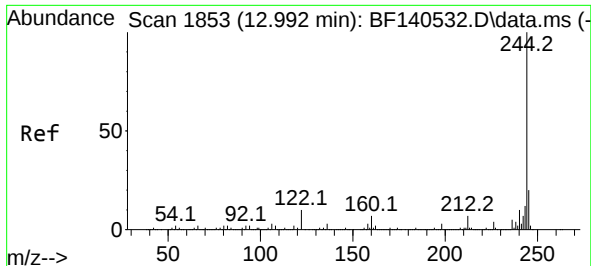
Ion Ratio Lower Upper

240 100

120 9.8 7.3 10.9

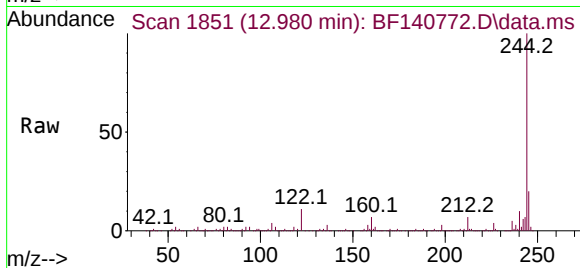
236 25.5 20.6 31.0



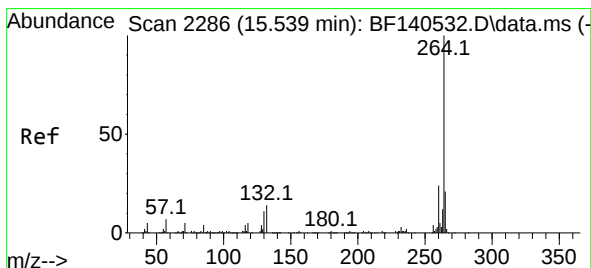
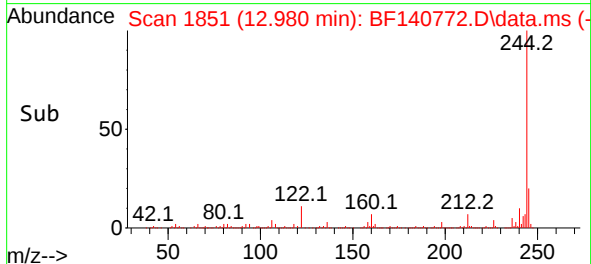
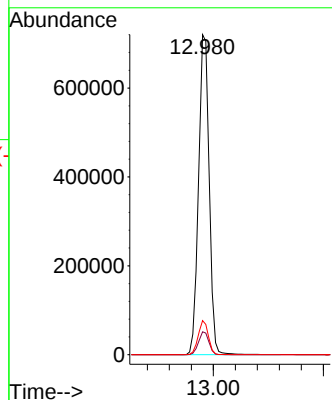


#79
Terphenyl-d14
Concen: 92.875 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

Instrument :
BNA_F
ClientSampleId :
MH-A



Tgt Ion:244 Resp: 968791
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.6 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. 0.012 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

Tgt Ion:264 Resp: 179237
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 20.7 16.6 25.0

