

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
 Data File : BF140809.D
 Acq On : 10 Dec 2024 16:42
 Operator : RC/JU
 Sample : P5196-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-761

Quant Time: Dec 10 18:09:50 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	6.863	152	90281	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	329181	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	173139	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	271655	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	145553	20.000	ng	0.00
86) Perylene-d12	15.562	264	94476	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	721977	136.446	ng	0.02
7) Phenol-d6	6.522	99	824151	117.816	ng	0.00
23) Nitrobenzene-d5	7.428	82	631836	98.179	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	253932	137.132	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1218732	104.878	ng	-0.02
79) Terphenyl-d14	12.980	244	882640	94.425	ng	-0.01

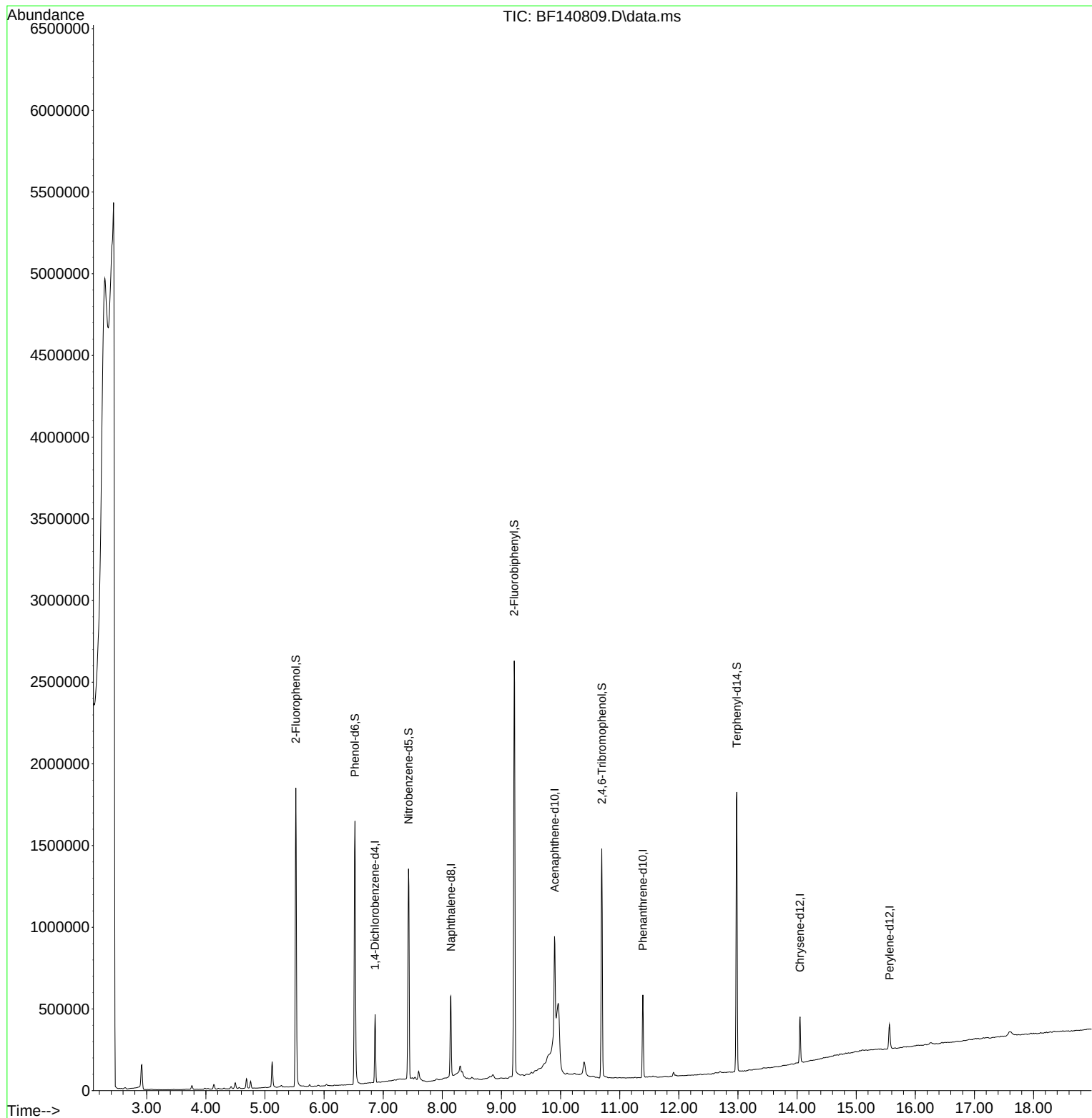
Target Compounds	Qvalue

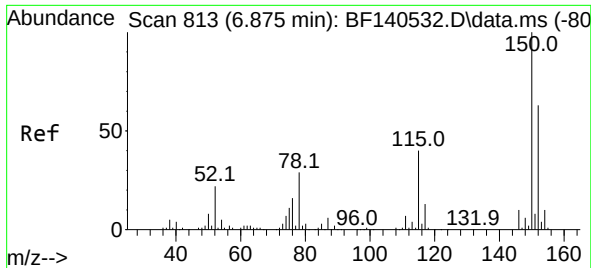
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140809.D
Acq On : 10 Dec 2024 16:42
Operator : RC/JU
Sample : P5196-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-761

Quant Time: Dec 10 18:09:50 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

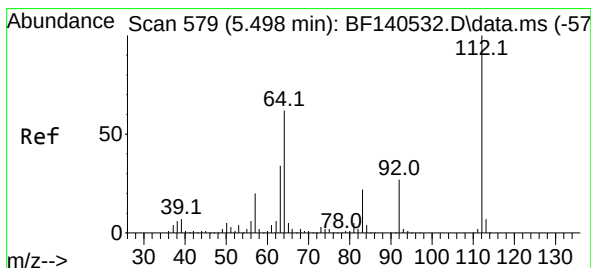
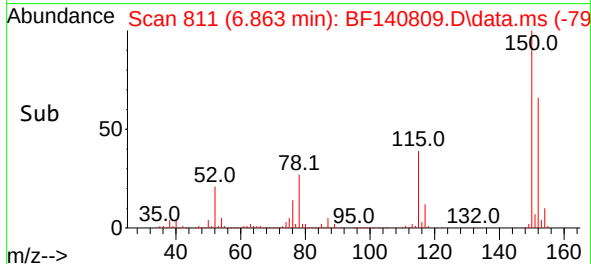
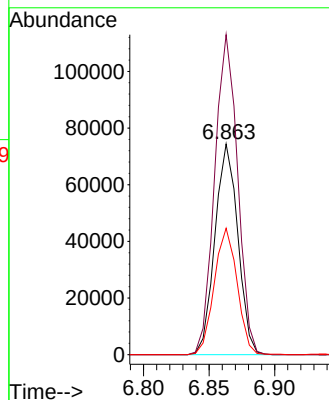
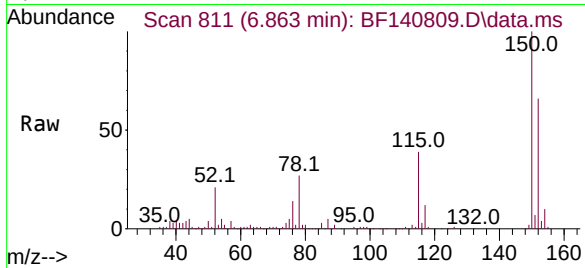




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF140809.D
 Acq: 10 Dec 2024 16:42

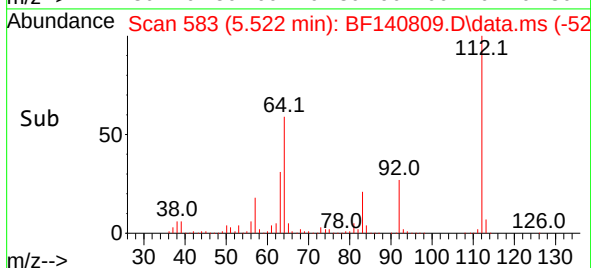
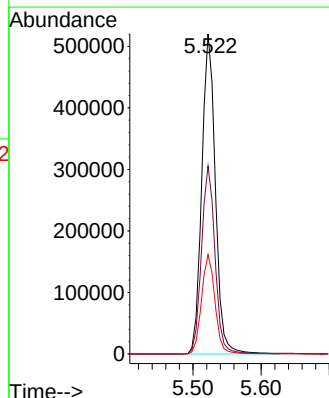
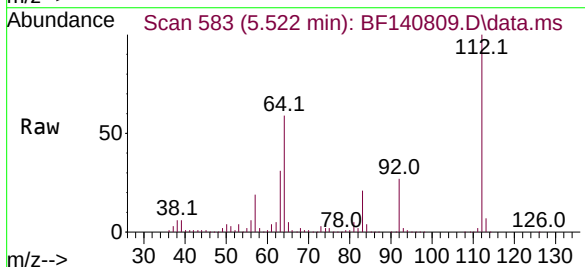
Instrument :
 BNA_F
 ClientSampleId :
 MH-761

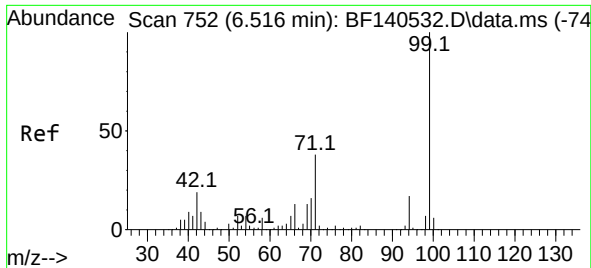
Tgt Ion:152 Resp: 90281
 Ion Ratio Lower Upper
 152 100
 150 151.8 128.5 192.7
 115 60.0 50.2 75.4



#5
 2-Fluorophenol
 Concen: 136.446 ng
 RT: 5.522 min Scan# 583
 Delta R.T. 0.024 min
 Lab File: BF140809.D
 Acq: 10 Dec 2024 16:42

Tgt Ion:112 Resp: 721977
 Ion Ratio Lower Upper
 112 100
 64 58.8 49.2 73.8
 63 31.1 27.0 40.4

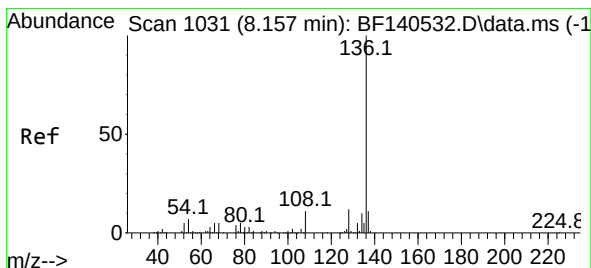
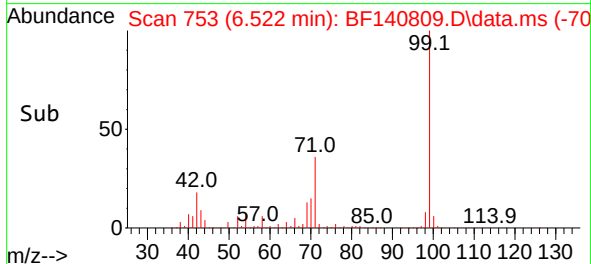
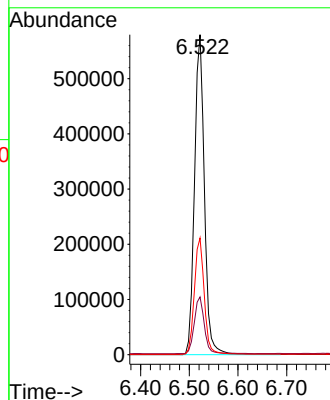
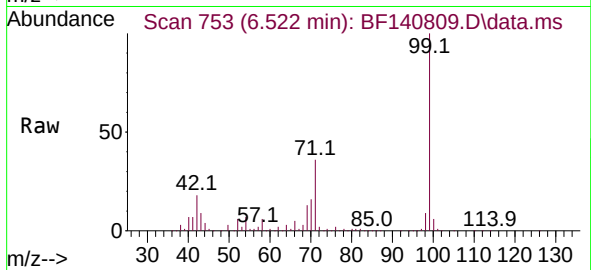




#7
Phenol-d6
Concen: 117.816 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140809.D
Acq: 10 Dec 2024 16:42

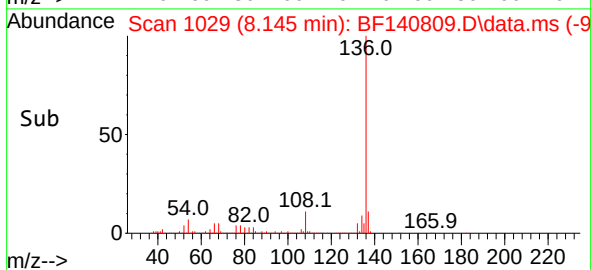
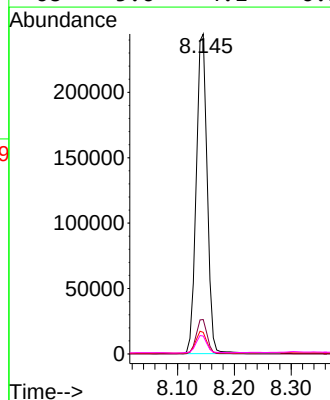
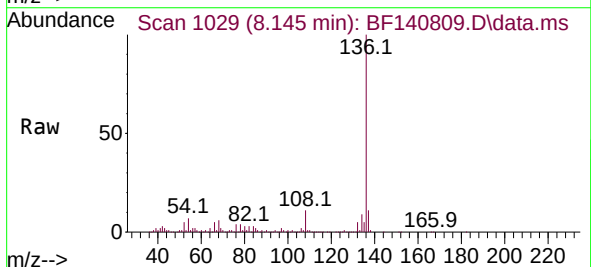
Instrument :
BNA_F
ClientSampleId :
MH-761

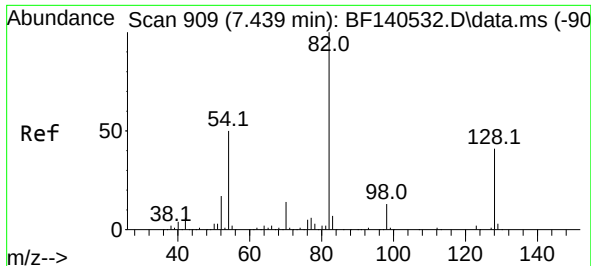
Tgt Ion: 99 Resp: 824151
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.4 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF140809.D
Acq: 10 Dec 2024 16:42

Tgt Ion: 136 Resp: 329181
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.8 5.8 8.8
68 5.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 98.179 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF140809.D

Acq: 10 Dec 2024 16:42

Instrument :

BNA_F

ClientSampleId :

MH-761

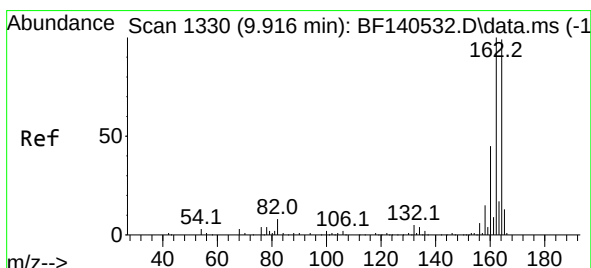
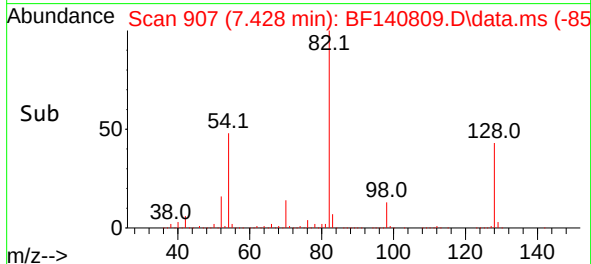
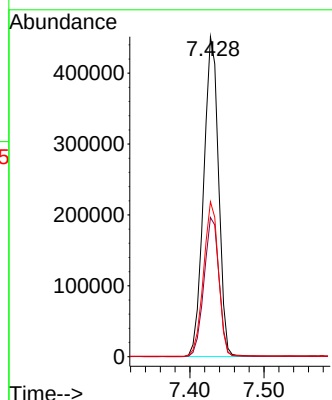
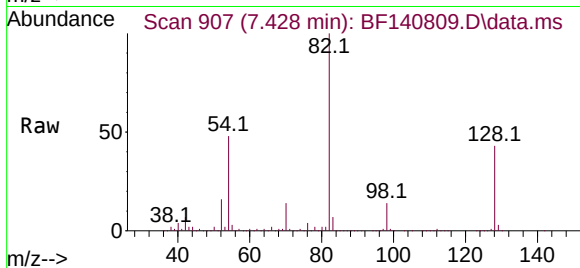
Tgt Ion: 82 Resp: 631836

Ion Ratio Lower Upper

82 100

128 43.5 33.0 49.4

54 48.4 39.5 59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.018 min

Lab File: BF140809.D

Acq: 10 Dec 2024 16:42

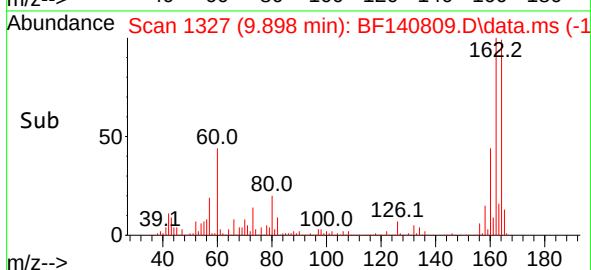
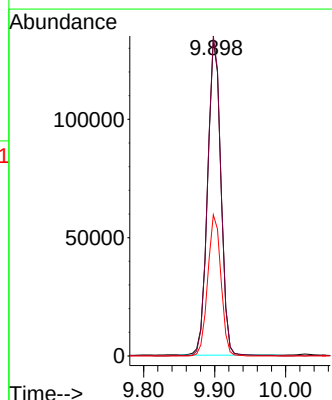
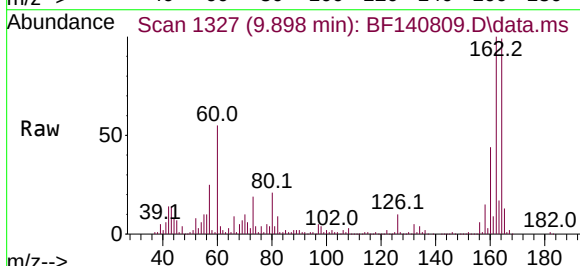
Tgt Ion:164 Resp: 173139

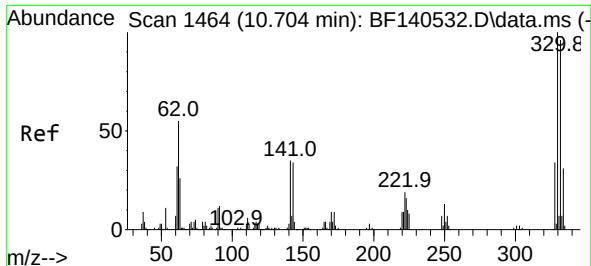
Ion Ratio Lower Upper

164 100

162 101.1 80.6 120.8

160 44.6 36.2 54.4

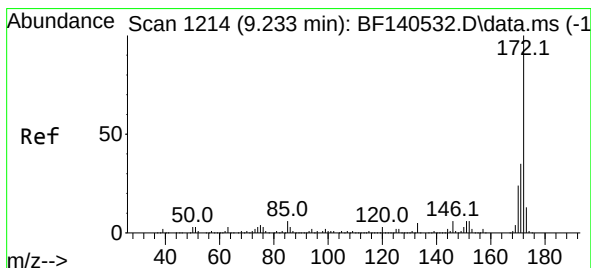
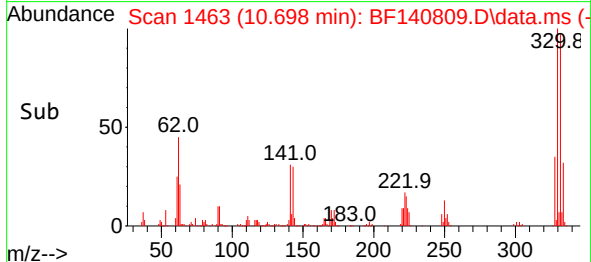
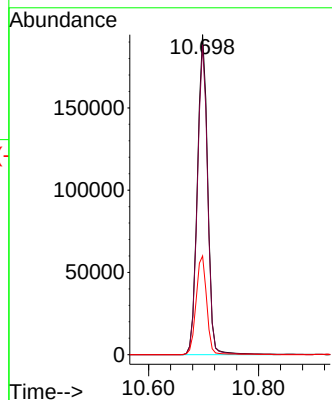
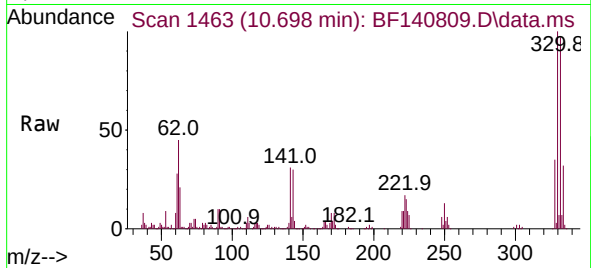




#42
 2,4,6-Tribromophenol
 Concen: 137.132 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF140809.D
 Acq: 10 Dec 2024 16:42

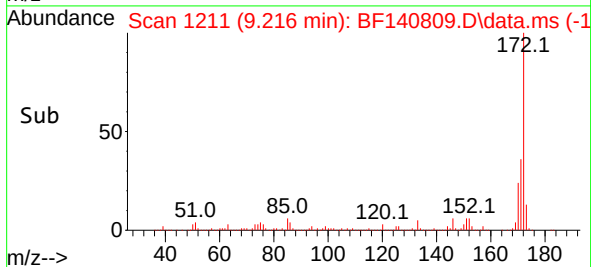
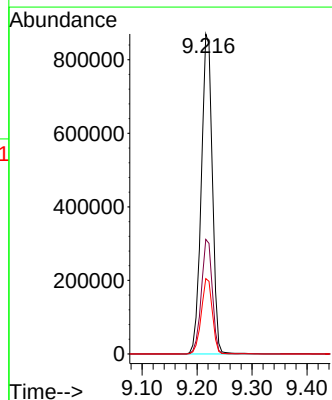
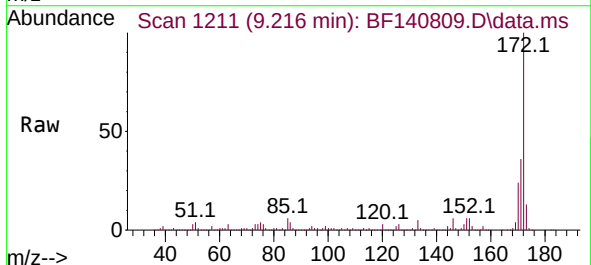
Instrument :
 BNA_F
 ClientSampleId :
 MH-761

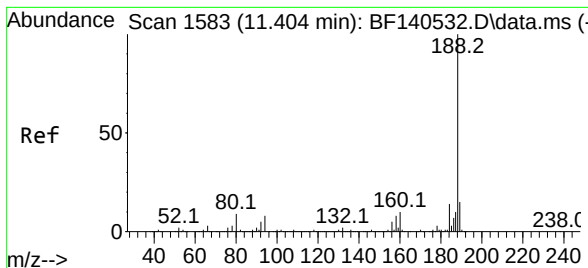
Tgt Ion:330 Resp: 253932
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.9 115.3
 141 31.8 26.7 40.1



#45
 2-Fluorobiphenyl
 Concen: 104.878 ng
 RT: 9.216 min Scan# 1211
 Delta R.T. -0.018 min
 Lab File: BF140809.D
 Acq: 10 Dec 2024 16:42

Tgt Ion:172 Resp: 1218732
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.4 42.6
 170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF140809.D

Acq: 10 Dec 2024 16:42

Instrument :

BNA_F

ClientSampleId :

MH-761

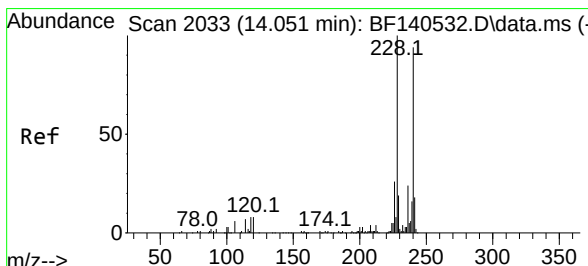
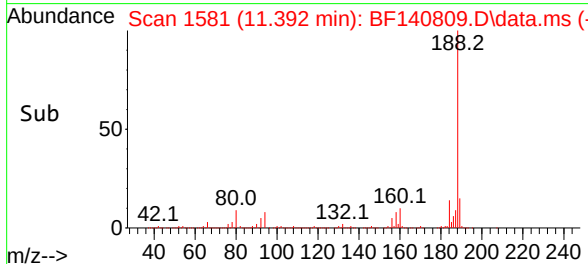
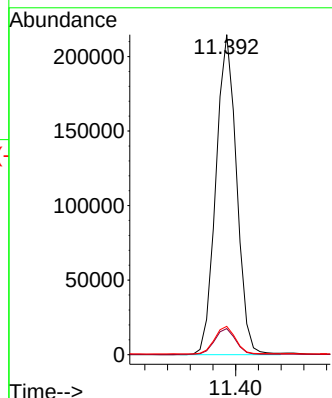
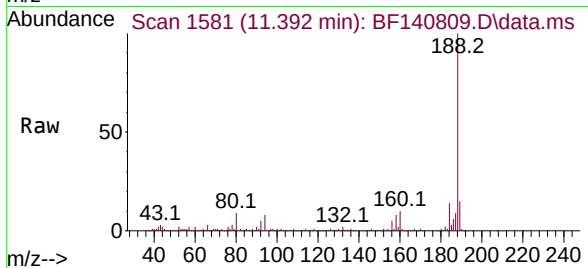
Tgt Ion:188 Resp: 271655

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.9 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: BF140809.D

Acq: 10 Dec 2024 16:42

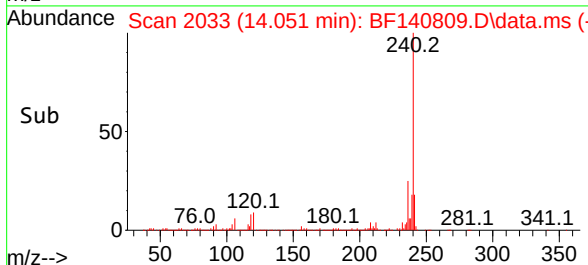
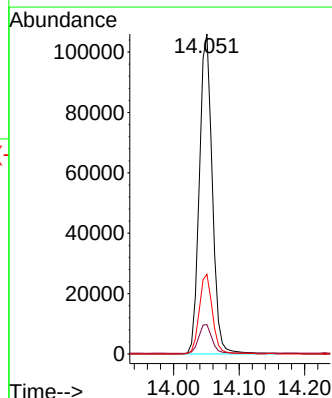
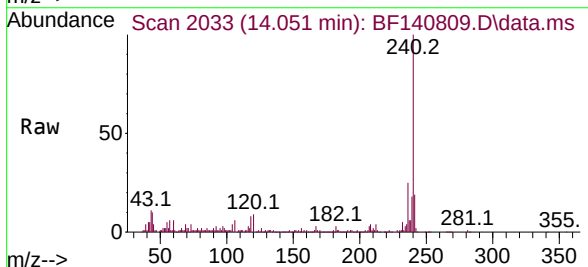
Tgt Ion:240 Resp: 145553

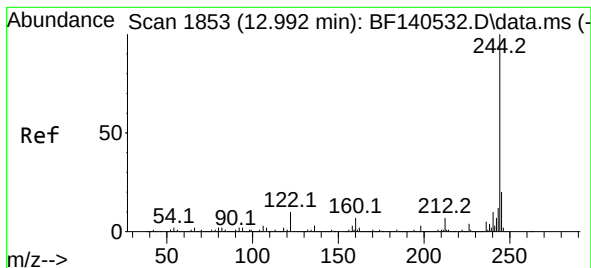
Ion Ratio Lower Upper

240 100

120 9.2 7.3 10.9

236 24.9 20.6 31.0





#79

Terphenyl-d14

Concen: 94.425 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140809.D

Acq: 10 Dec 2024 16:42

Instrument :

BNA_F

ClientSampleId :

MH-761

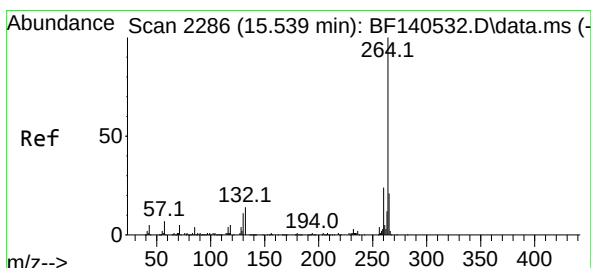
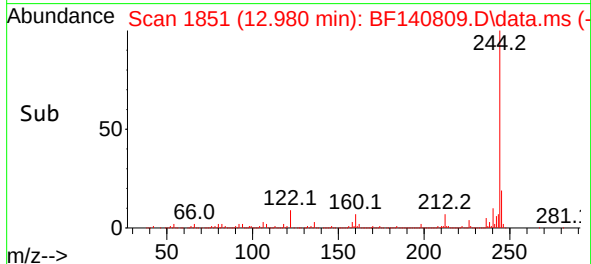
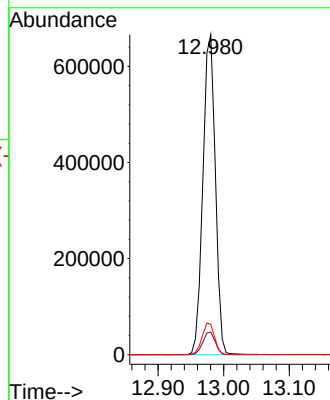
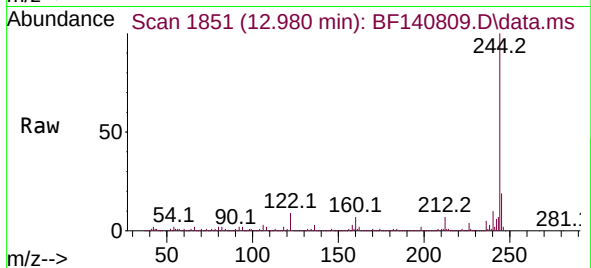
Tgt Ion:244 Resp: 882640

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.5 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2290

Delta R.T. 0.024 min

Lab File: BF140809.D

Acq: 10 Dec 2024 16:42

Tgt Ion:264 Resp: 94476

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.8 16.6 25.0

