

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140671.D
 Acq On : 27 Nov 2024 15:48
 Operator : RC/JU
 Sample : P4938-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-734

Quant Time: Nov 27 16:11:35 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	80168	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	309167	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	178404	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	357275	20.000	ng	0.00
76) Chrysene-d12	14.045	240	211705	20.000	ng	0.00
86) Perylene-d12	15.545	264	193363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	695322	147.985	ng	0.02
7) Phenol-d6	6.510	99	882224	142.027	ng	0.00
23) Nitrobenzene-d5	7.434	82	585962	96.945	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	311189	163.093	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1146204	95.725	ng	-0.01
79) Terphenyl-d14	12.986	244	1420878	104.508	ng	0.00

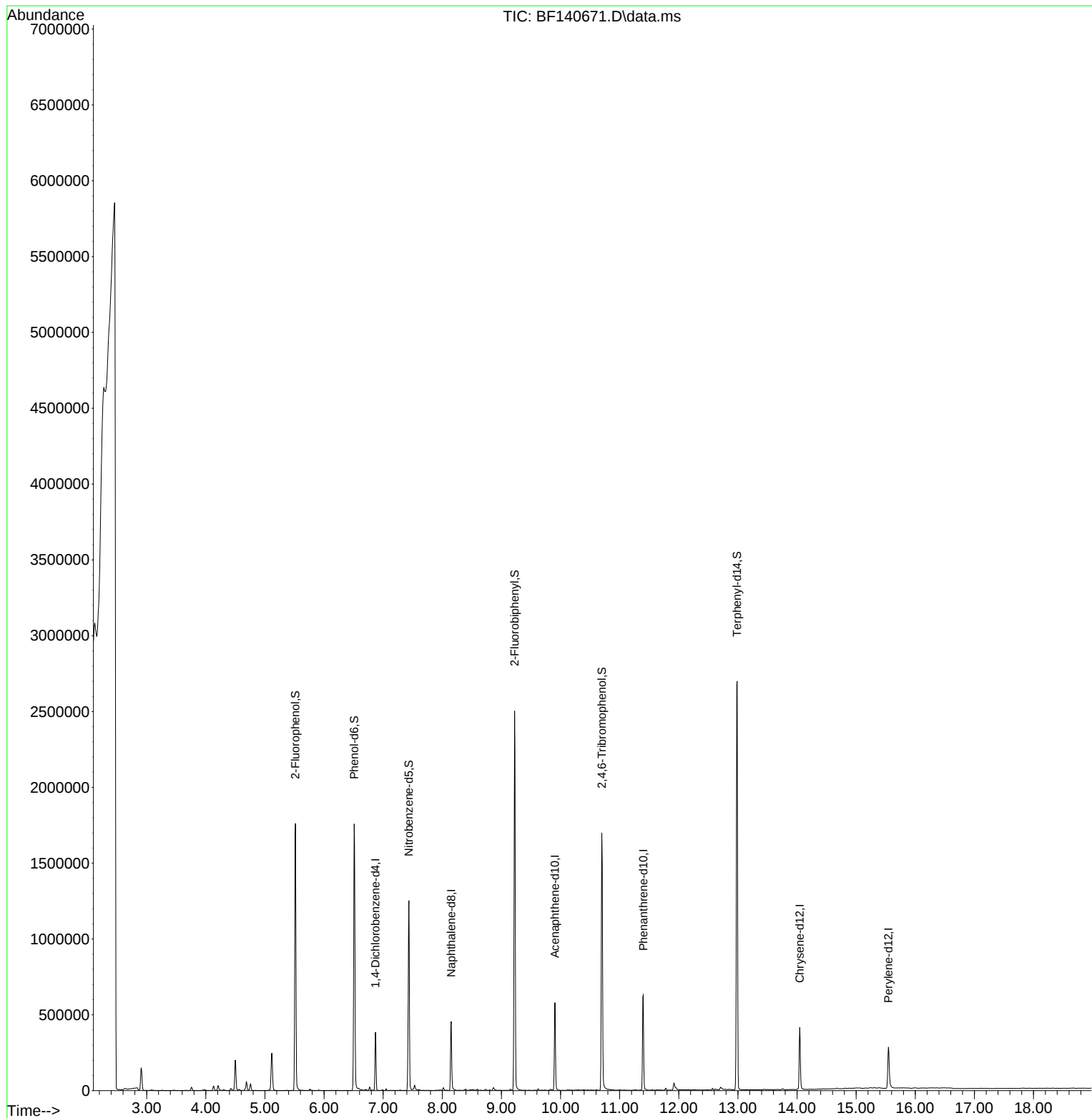
Target Compounds	Qvalue

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

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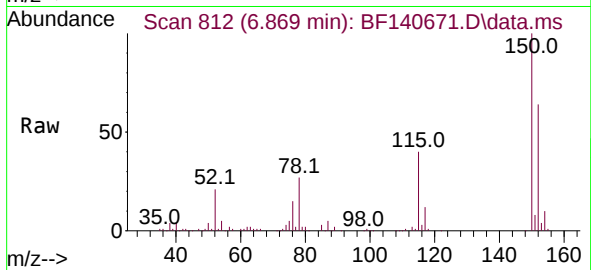
Quant Time: Nov 27 16:11:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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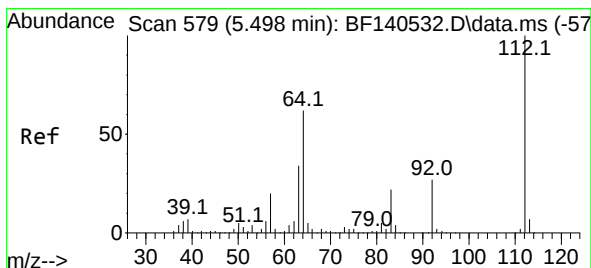
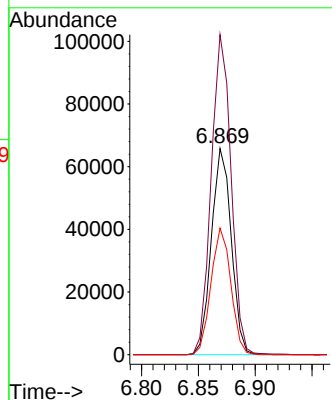
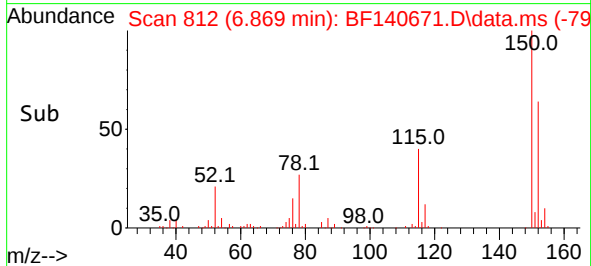


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140671.D
Acq: 27 Nov 2024 15:48

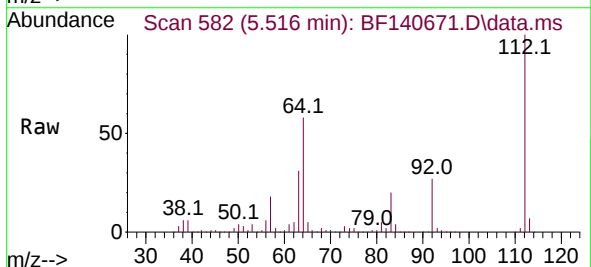
Instrument :
BNA_F
ClientSampleId :
MH-734



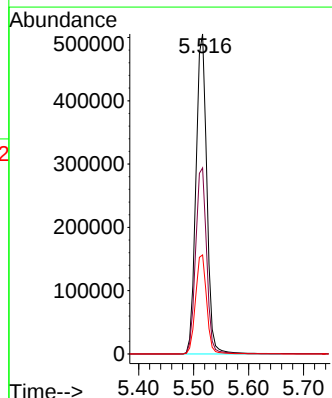
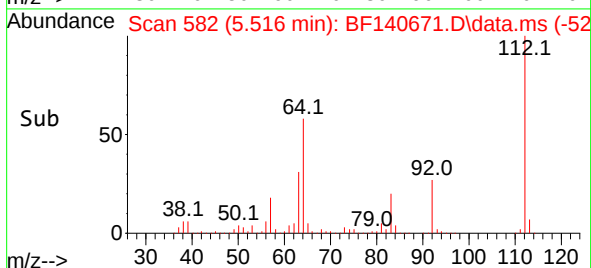
Tgt Ion:152 Resp: 80168
Ion Ratio Lower Upper
152 100
150 155.1 128.5 192.7
115 61.4 50.2 75.4



#5
2-Fluorophenol
Concen: 147.985 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140671.D
Acq: 27 Nov 2024 15:48



Tgt Ion:112 Resp: 695322
Ion Ratio Lower Upper
112 100
64 58.1 49.2 73.8
63 31.0 27.0 40.4

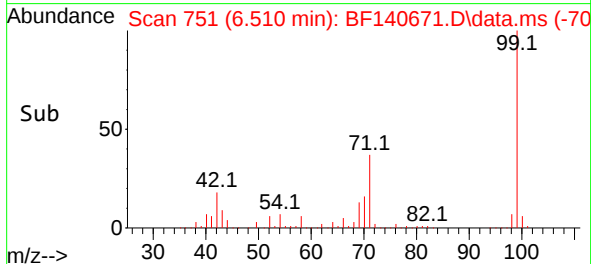
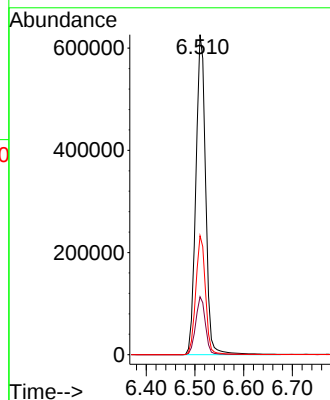
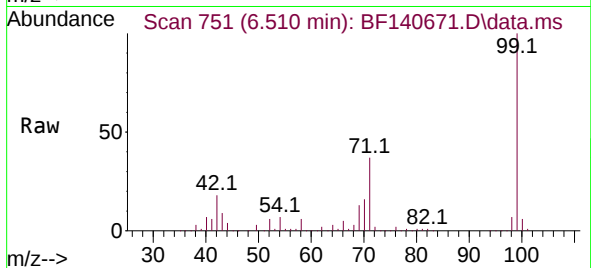




#7
Phenol-d6
Concen: 142.027 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140671.D
Acq: 27 Nov 2024 15:48

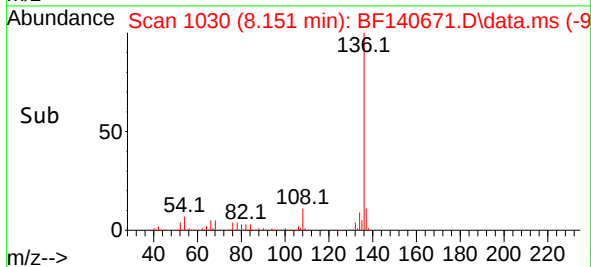
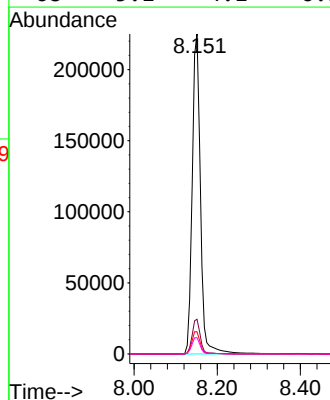
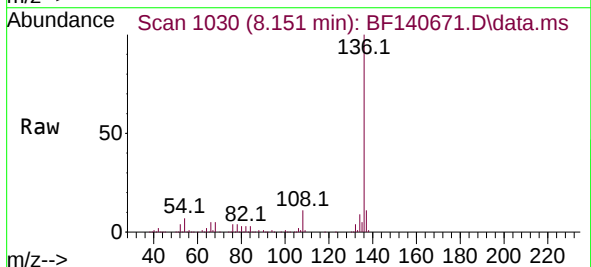
Instrument :
BNA_F
ClientSampleId :
MH-734

Tgt Ion: 99 Resp: 882224
Ion Ratio Lower Upper
99 100
42 18.1 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: BF140671.D
Acq: 27 Nov 2024 15:48

Tgt Ion: 136 Resp: 309167
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.0 5.8 8.8
68 5.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 96.945 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140671.D

Acq: 27 Nov 2024 15:48

Instrument :

BNA_F

ClientSampleId :

MH-734

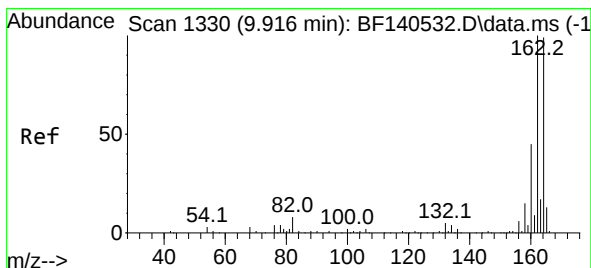
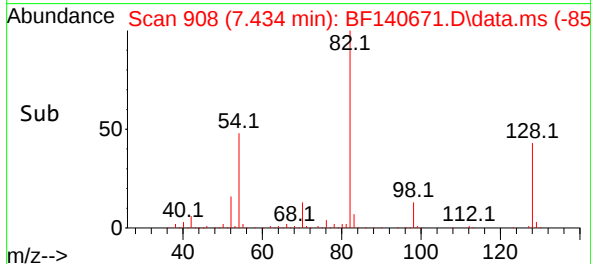
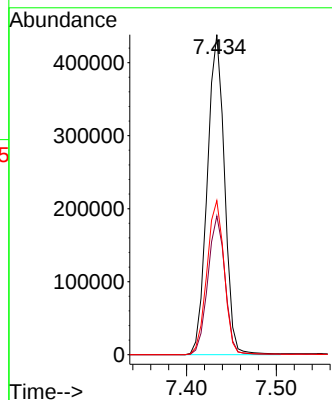
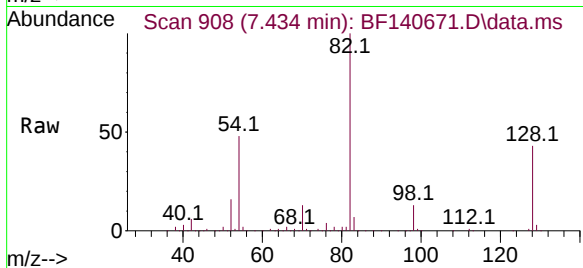
Tgt Ion: 82 Resp: 585962

Ion Ratio Lower Upper

82 100

128 43.3 33.0 49.4

54 48.1 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: BF140671.D

Acq: 27 Nov 2024 15:48

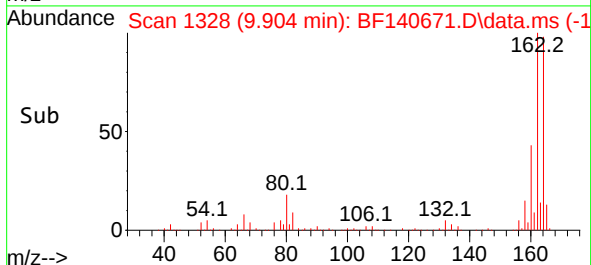
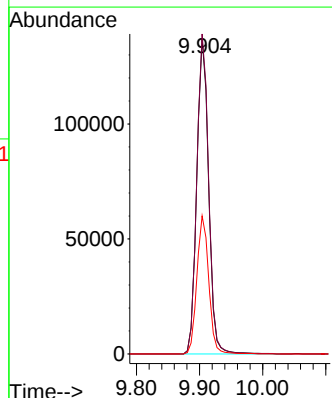
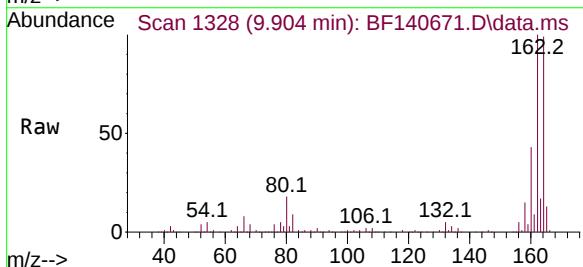
Tgt Ion:164 Resp: 178404

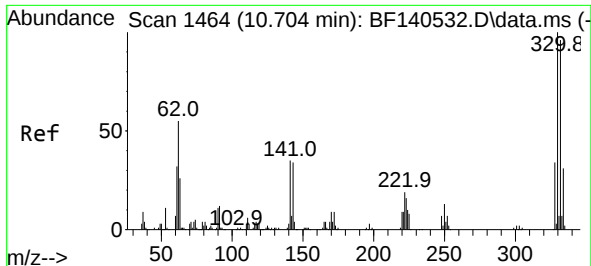
Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

160 43.8 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 163.093 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140671.D

Acq: 27 Nov 2024 15:48

Instrument :

BNA_F

ClientSampleId :

MH-734

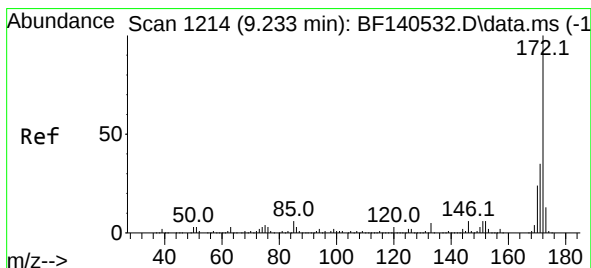
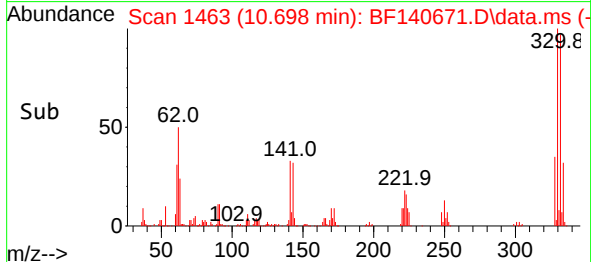
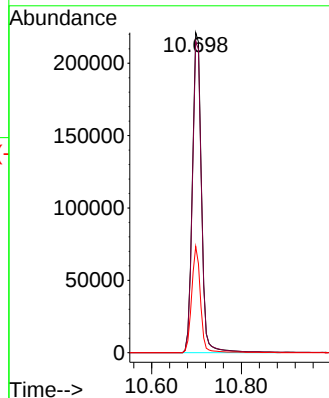
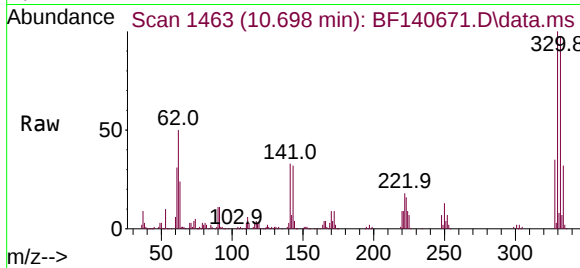
Tgt Ion:330 Resp: 311189

Ion Ratio Lower Upper

330 100

332 96.8 76.9 115.3

141 32.4 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 95.725 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140671.D

Acq: 27 Nov 2024 15:48

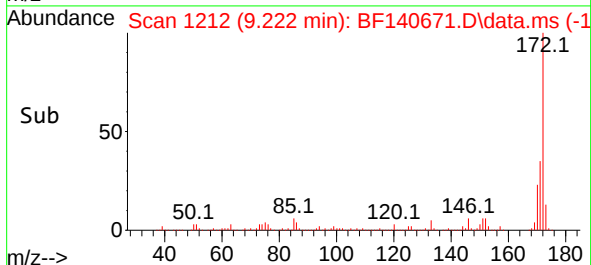
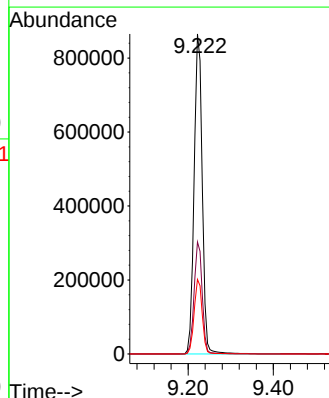
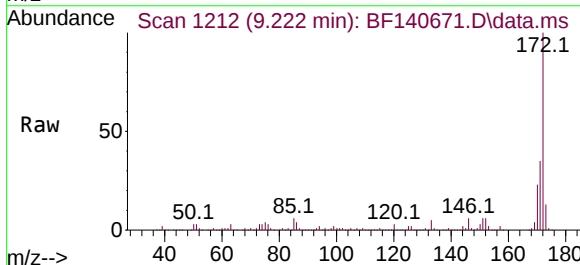
Tgt Ion:172 Resp: 1146204

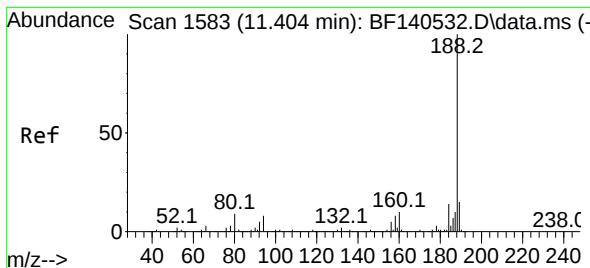
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.3 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: BF140671.D

Acq: 27 Nov 2024 15:48

Instrument :

BNA_F

ClientSampleId :

MH-734

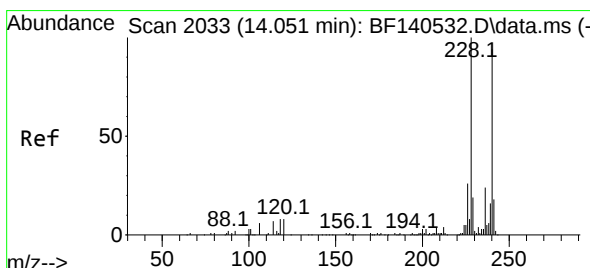
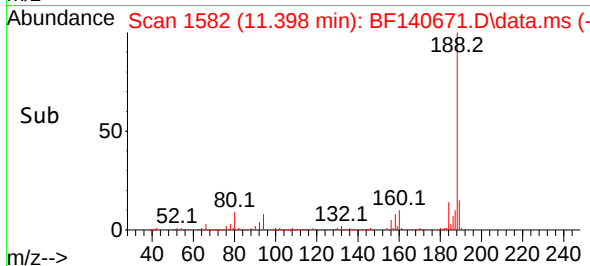
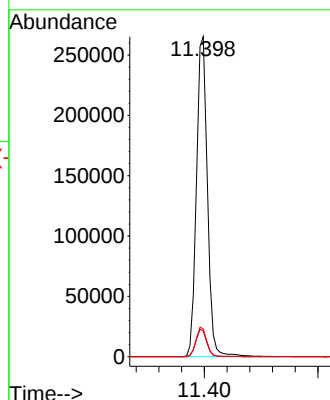
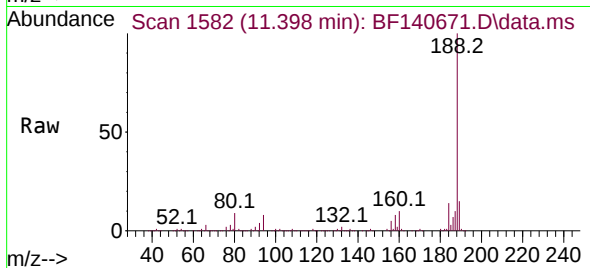
Tgt Ion:188 Resp: 357275

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: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140671.D

Acq: 27 Nov 2024 15:48

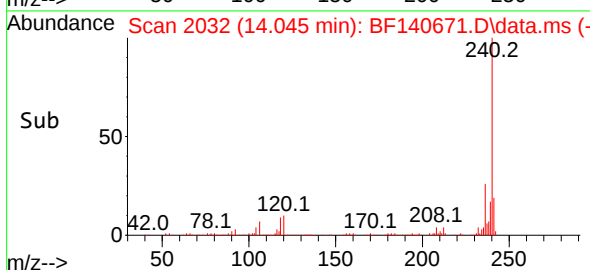
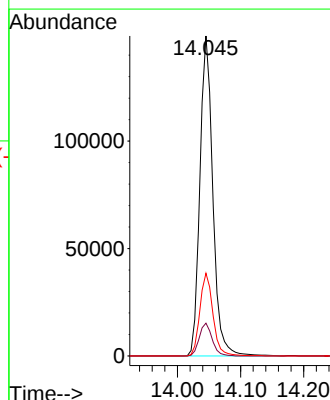
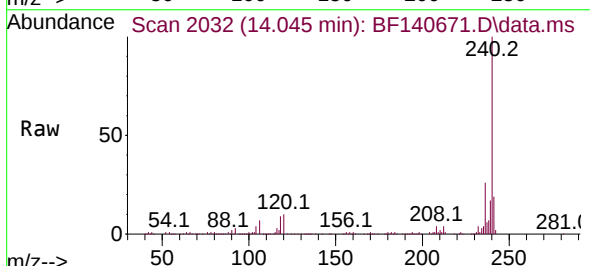
Tgt Ion:240 Resp: 211705

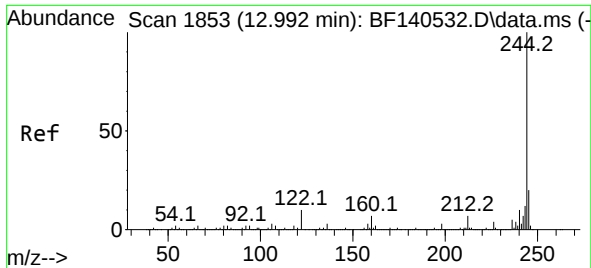
Ion Ratio Lower Upper

240 100

120 10.2 7.3 10.9

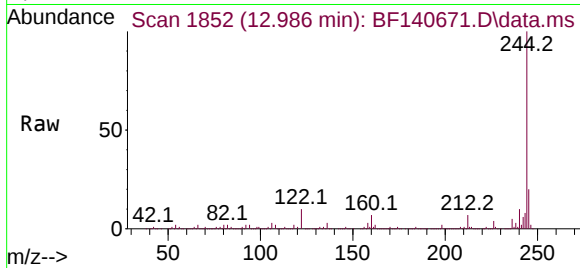
236 25.9 20.6 31.0



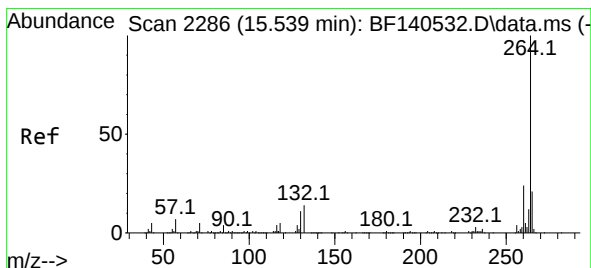
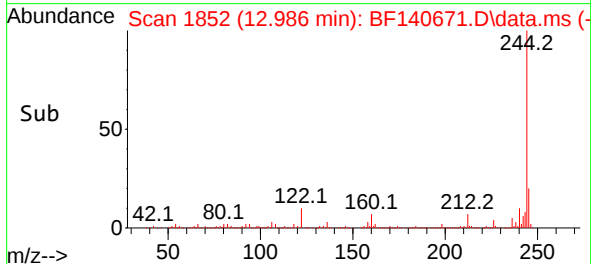
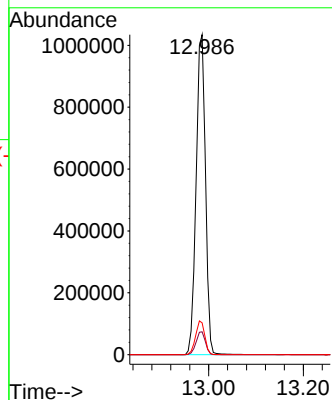


#79
Terphenyl-d14
Concen: 104.508 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140671.D
Acq: 27 Nov 2024 15:48

Instrument :
BNA_F
ClientSampleId :
MH-734



Tgt Ion:244 Resp: 1420878
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: 15.545 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BF140671.D
Acq: 27 Nov 2024 15:48

Tgt Ion:264 Resp: 193363
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 21.6 16.6 25.0

