

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
Data File : BF140675.D
Acq On : 27 Nov 2024 17:32
Operator : RC/JU
Sample : P4985-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-740-WC

Quant Time: Nov 28 00:11:41 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	119046	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	455701	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	256174	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	461717	20.000	ng	0.00
76) Chrysene-d12	14.045	240	280855	20.000	ng	0.00
86) Perylene-d12	15.545	264	244567	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	353850	50.715	ng	0.00
7) Phenol-d6	6.504	99	467857	50.721	ng	-0.01
23) Nitrobenzene-d5	7.428	82	300660	33.748	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	130078	47.477	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	597014	34.723	ng	-0.01
79) Terphenyl-d14	12.980	244	536362	29.737	ng	-0.01

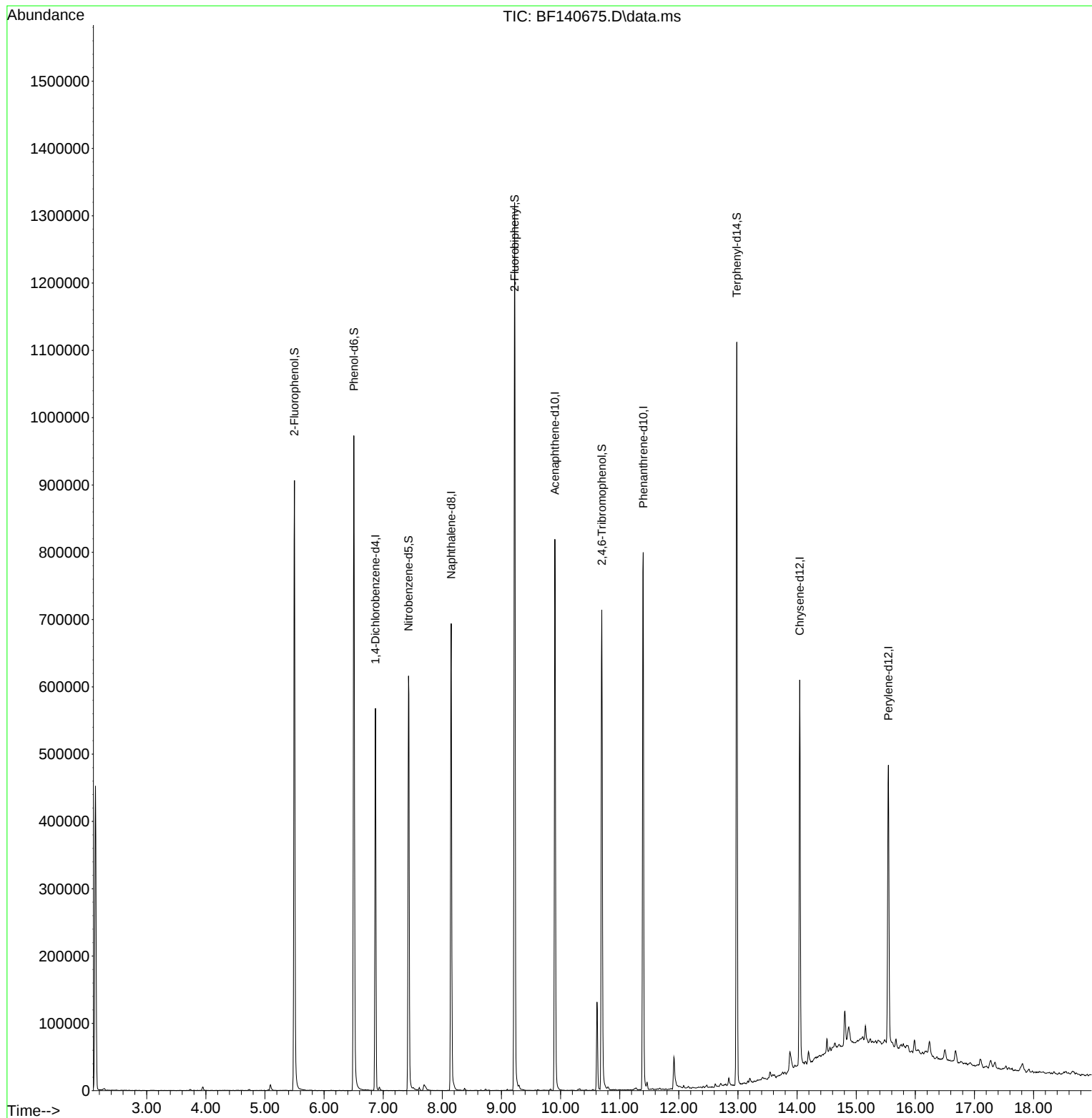
Target Compounds	Qvalue

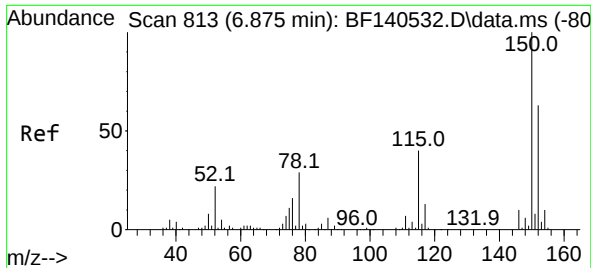
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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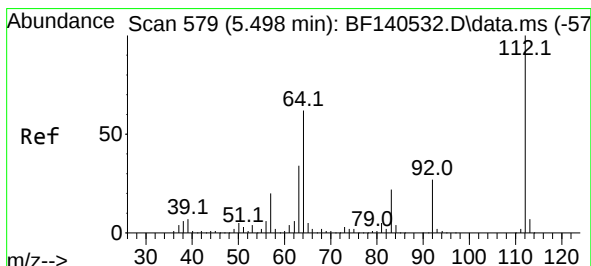
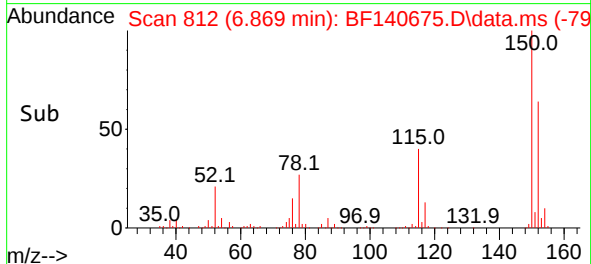
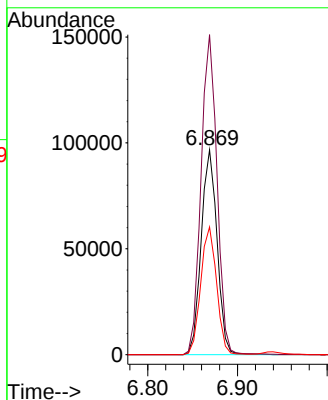
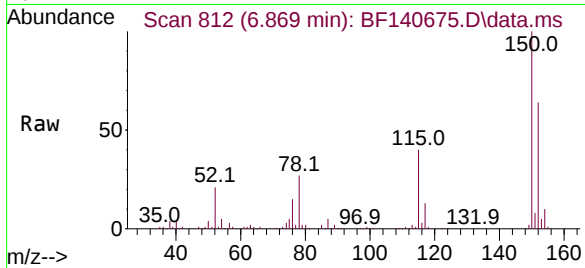




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140675.D
Acq: 27 Nov 2024 17:32

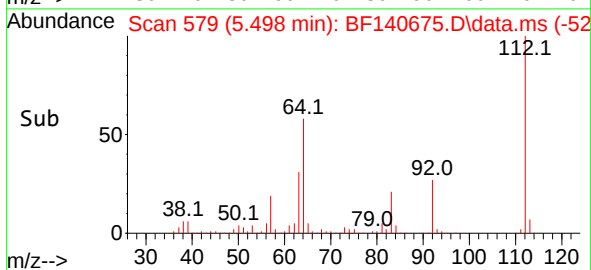
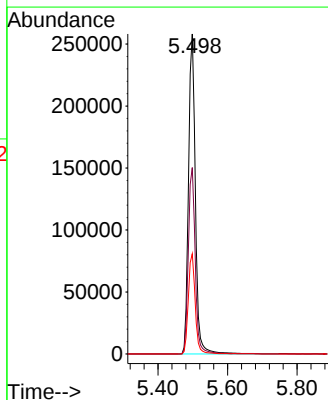
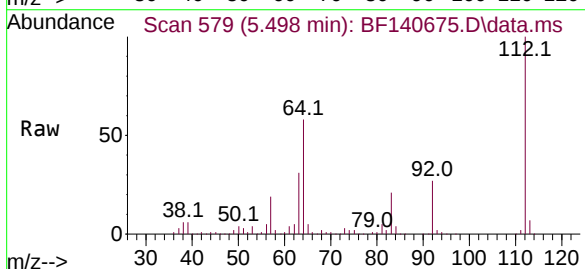
Instrument :
BNA_F
ClientSampleId :
MH-740-WC

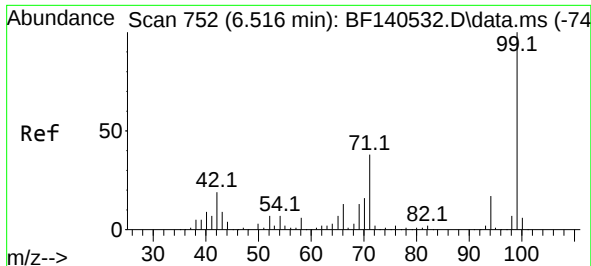
Tgt Ion:152 Resp: 119046
Ion Ratio Lower Upper
152 100
150 156.3 128.5 192.7
115 62.4 50.2 75.4



#5
2-Fluorophenol
Concen: 50.715 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140675.D
Acq: 27 Nov 2024 17:32

Tgt Ion:112 Resp: 353850
Ion Ratio Lower Upper
112 100
64 58.3 49.2 73.8
63 31.3 27.0 40.4

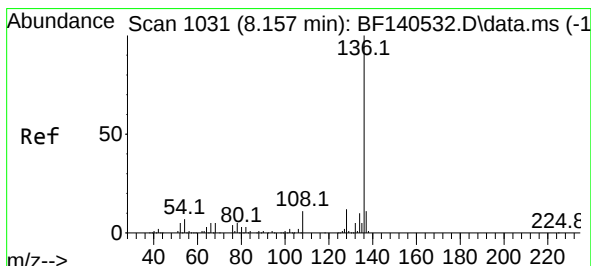
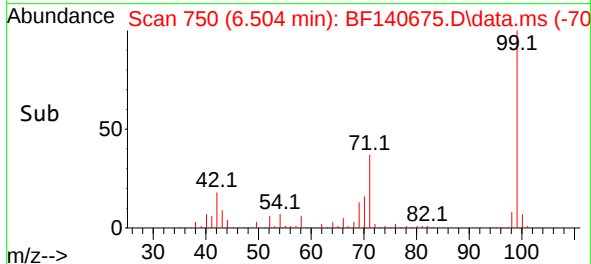
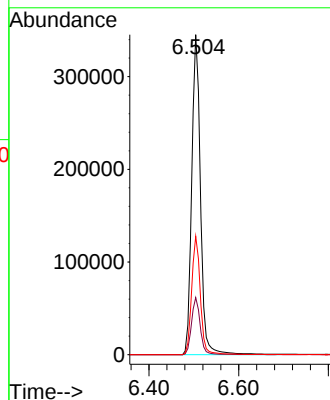
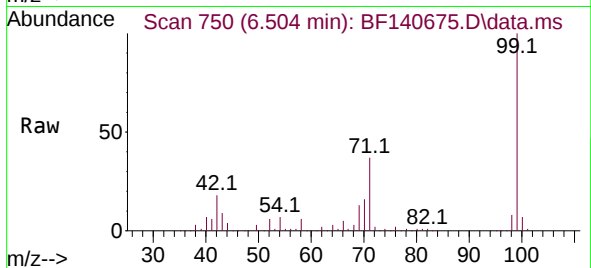




#7
Phenol-d6
Concen: 50.721 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140675.D
Acq: 27 Nov 2024 17:32

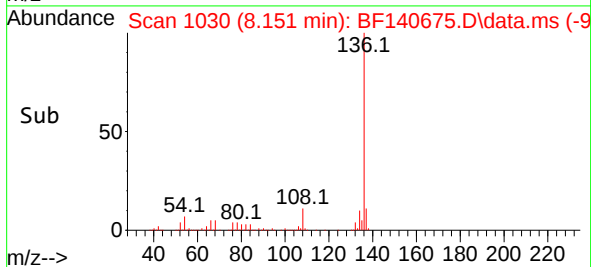
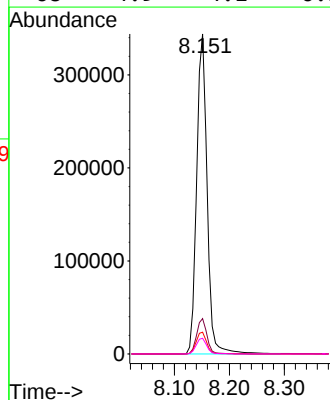
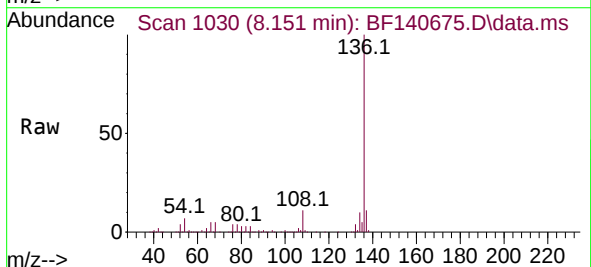
Instrument :
BNA_F
ClientSampleId :
MH-740-WC

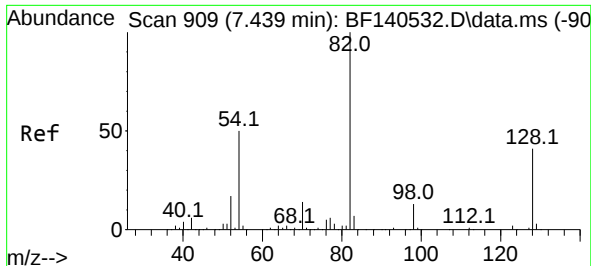
Tgt Ion: 99 Resp: 467857
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 37.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140675.D
Acq: 27 Nov 2024 17:32

Tgt Ion: 136 Resp: 455701
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.8 5.8 8.8
68 4.9 4.1 6.1

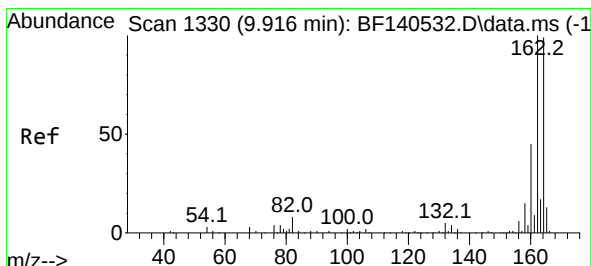
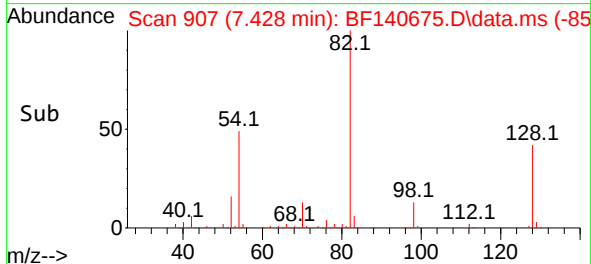
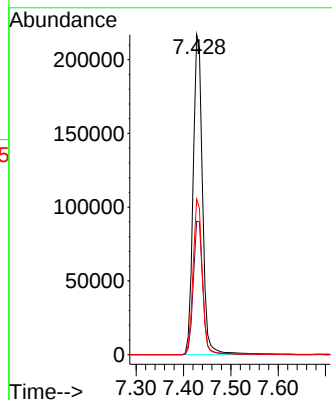
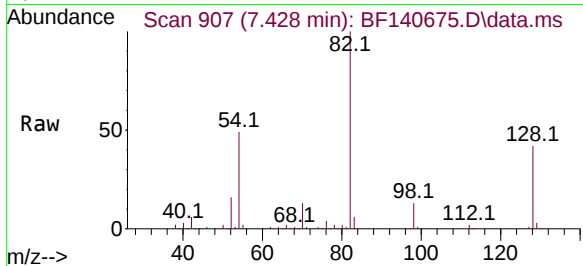




#23
 Nitrobenzene-d5
 Concen: 33.748 ng
 RT: 7.428 min Scan# 909
 Delta R.T. -0.012 min
 Lab File: BF140675.D
 Acq: 27 Nov 2024 17:32

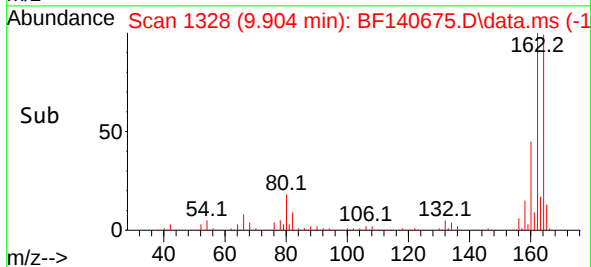
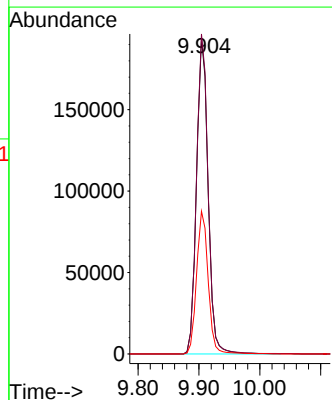
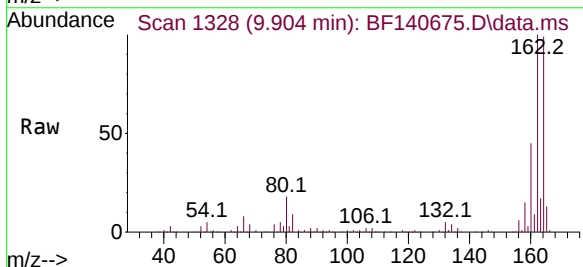
Instrument :
 BNA_F
 ClientSampleId :
 MH-740-WC

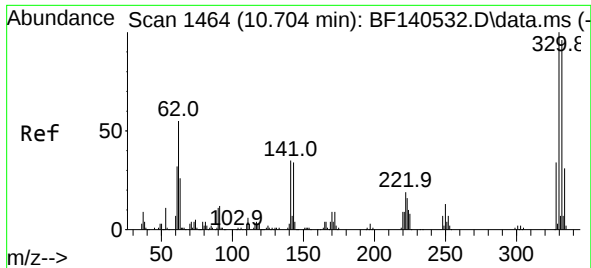
Tgt Ion: 82 Resp: 300660
 Ion Ratio Lower Upper
 82 100
 128 41.7 33.0 49.4
 54 48.6 39.5 59.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1328
 Delta R.T. -0.012 min
 Lab File: BF140675.D
 Acq: 27 Nov 2024 17:32

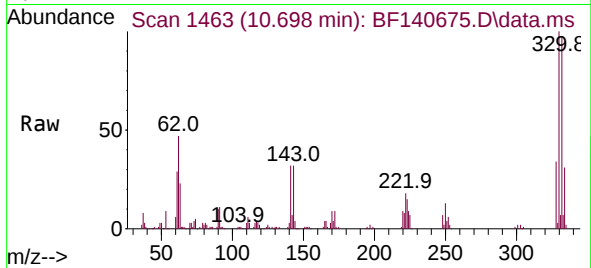
Tgt Ion:164 Resp: 256174
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.6 120.8
 160 45.2 36.2 54.4



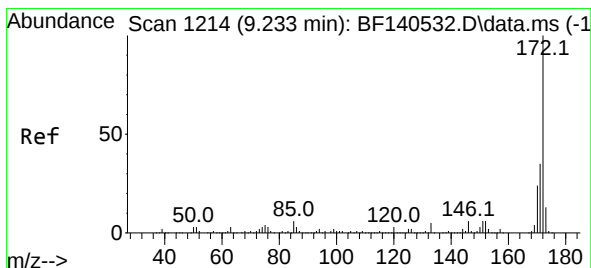
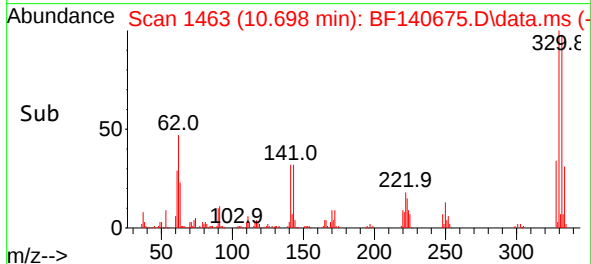
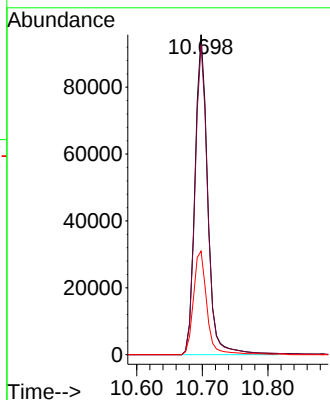


#42
2,4,6-Tribromophenol
Concen: 47.477 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140675.D
Acq: 27 Nov 2024 17:32

Instrument :
BNA_F
ClientSampleId :
MH-740-WC

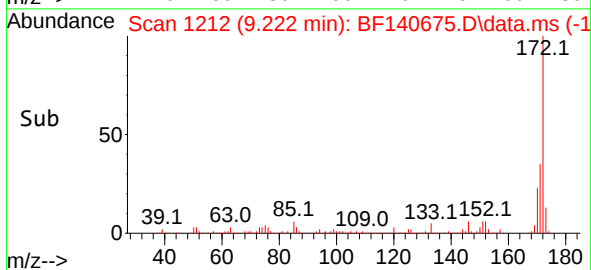
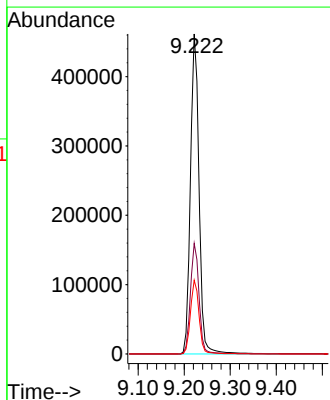
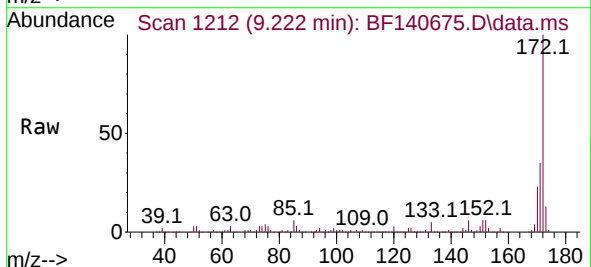


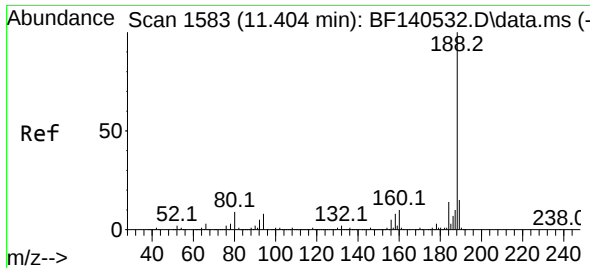
Tgt Ion:330 Resp: 130078
Ion Ratio Lower Upper
330 100
332 97.8 76.9 115.3
141 34.0 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 34.723 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140675.D
Acq: 27 Nov 2024 17:32

Tgt Ion:172 Resp: 597014
Ion Ratio Lower Upper
172 100
171 34.6 28.4 42.6
170 23.1 19.0 28.6

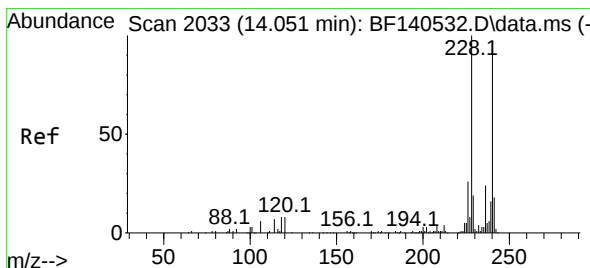
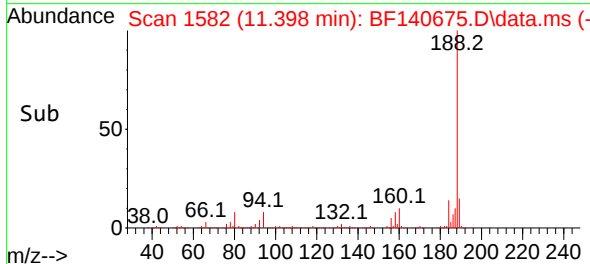
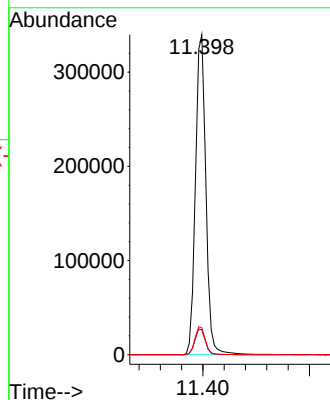
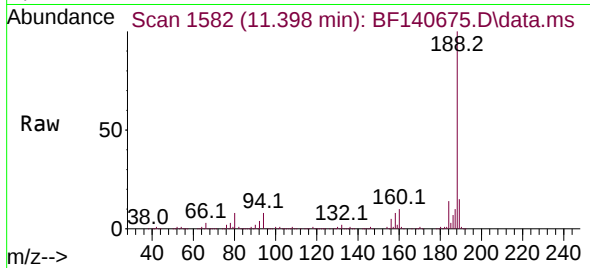




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140675.D
Acq: 27 Nov 2024 17:32

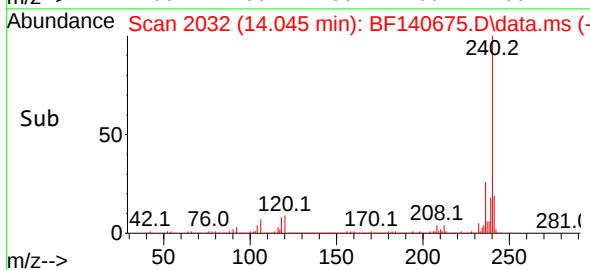
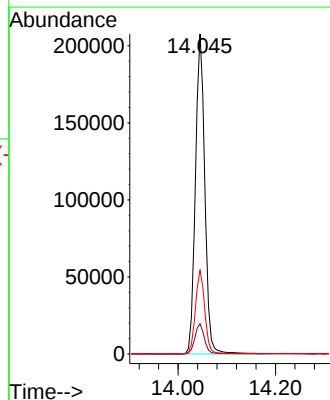
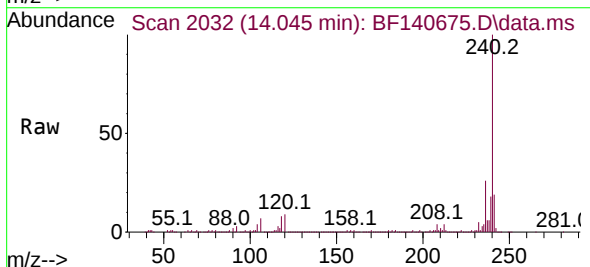
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BNA_F
ClientSampleId :
MH-740-WC

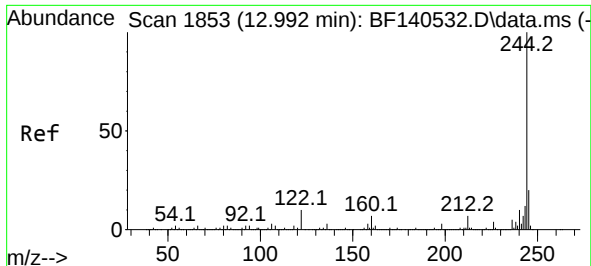
Tgt Ion:188 Resp: 461717
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 8.4 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140675.D
Acq: 27 Nov 2024 17:32

Tgt Ion:240 Resp: 280855
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 26.1 20.6 31.0

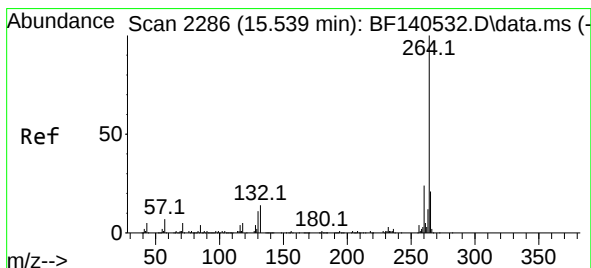
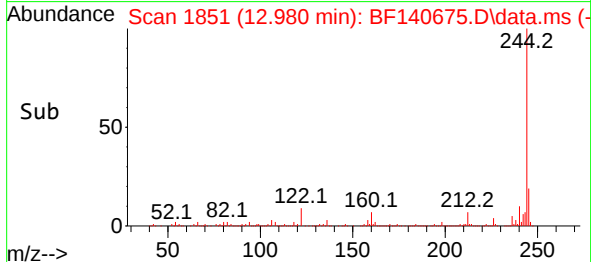
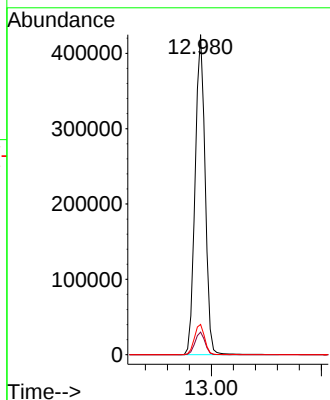
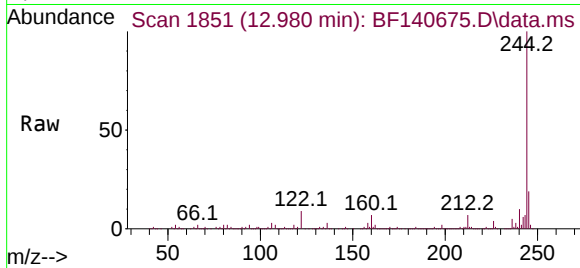




#79
 Terphenyl-d14
 Concen: 29.737 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140675.D
 Acq: 27 Nov 2024 17:32

Instrument :
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 ClientSampleId :
 MH-740-WC

Tgt Ion:244 Resp: 536362
 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: 15.545 min Scan# 2287
 Delta R.T. 0.006 min
 Lab File: BF140675.D
 Acq: 27 Nov 2024 17:32

Tgt Ion:264 Resp: 244567
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.6 16.6 25.0

