

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140674.D
 Acq On : 27 Nov 2024 17:06
 Operator : RC/JU
 Sample : P5000-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-733

Quant Time: Nov 28 00:11:28 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	65314	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	246753	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	139477	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	275850	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	156653	20.000	ng	0.00
86) Perylene-d12	15.539	264	98285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	561668	146.726	ng	0.01
7) Phenol-d6	6.510	99	699729	138.267	ng	0.00
23) Nitrobenzene-d5	7.434	82	500488	103.748	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	256848	172.183	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	998798	106.695	ng	-0.01
79) Terphenyl-d14	12.986	244	1127838	112.107	ng	0.00

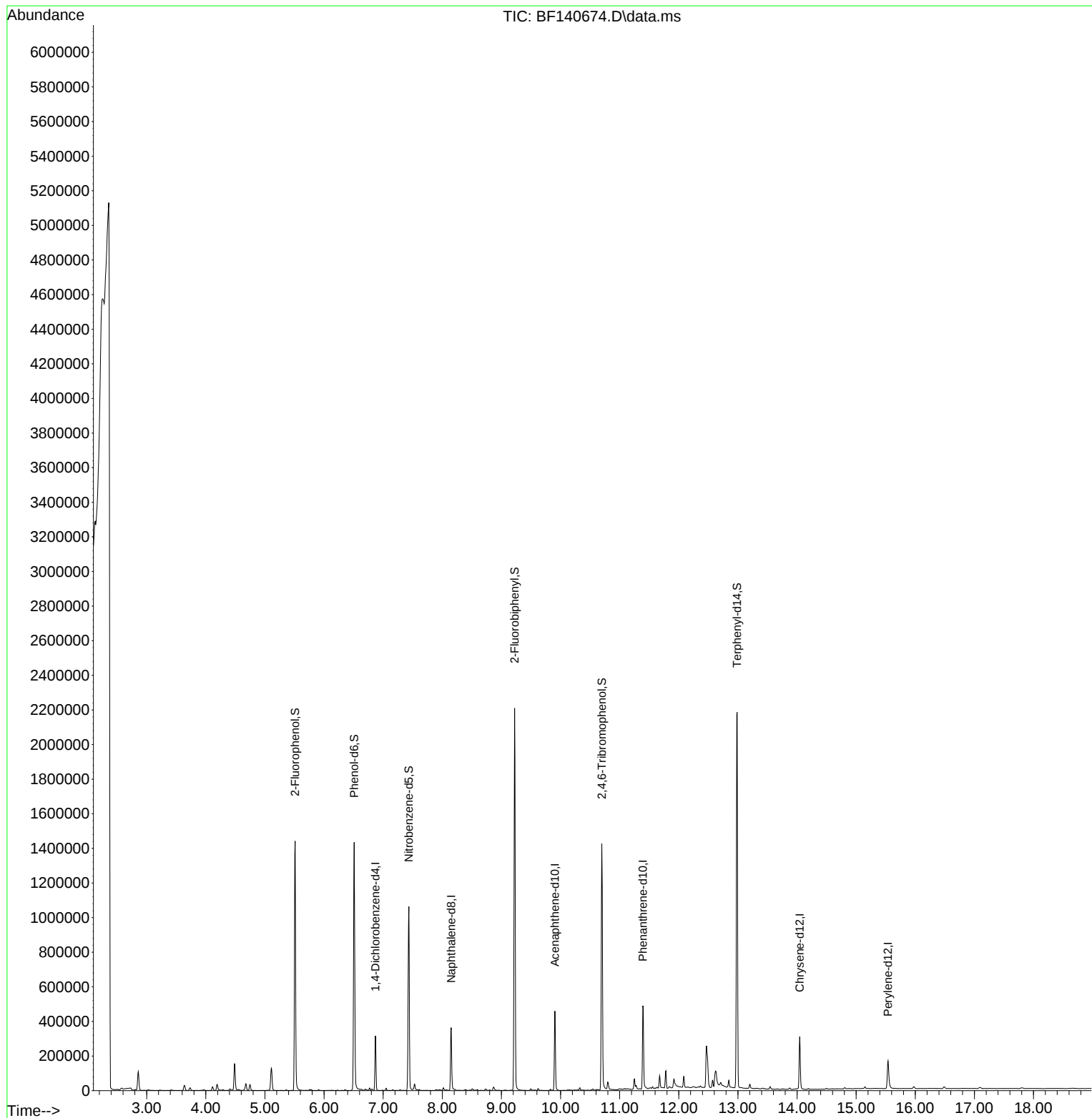
Target Compounds	Qvalue

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

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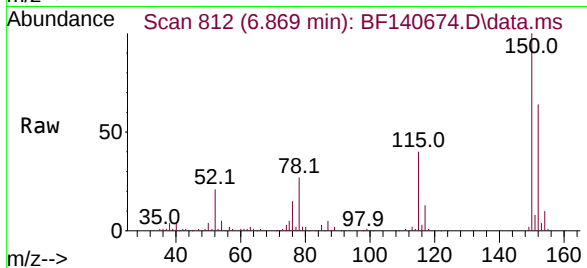
Quant Time: Nov 28 00:11:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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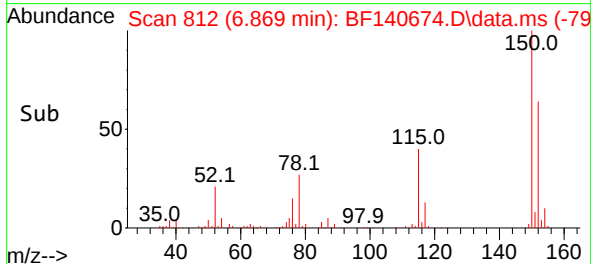
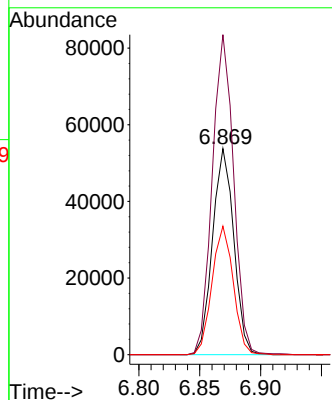


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

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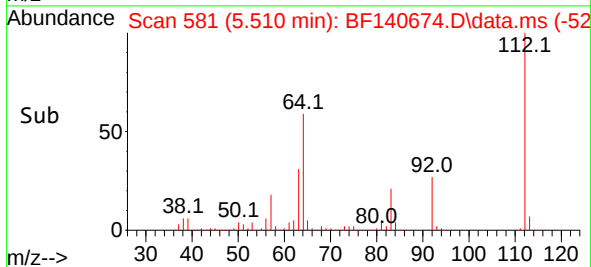
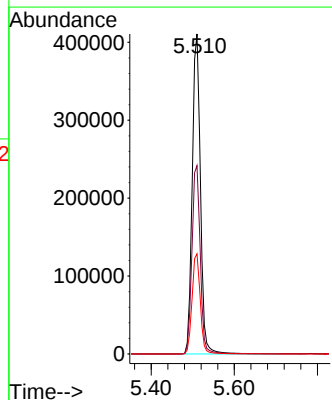
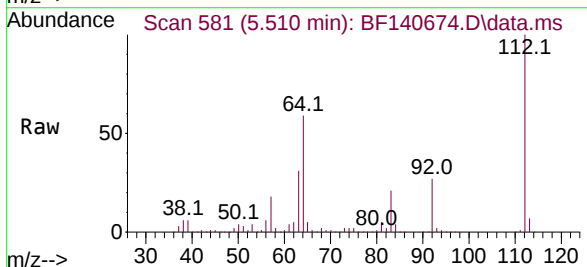


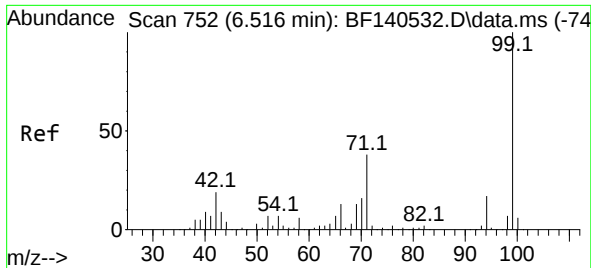
Tgt Ion:152 Resp: 65314
Ion Ratio Lower Upper
152 100
150 155.3 128.5 192.7
115 62.3 50.2 75.4



#5
2-Fluorophenol
Concen: 146.726 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

Tgt Ion:112 Resp: 561668
Ion Ratio Lower Upper
112 100
64 58.9 49.2 73.8
63 31.3 27.0 40.4

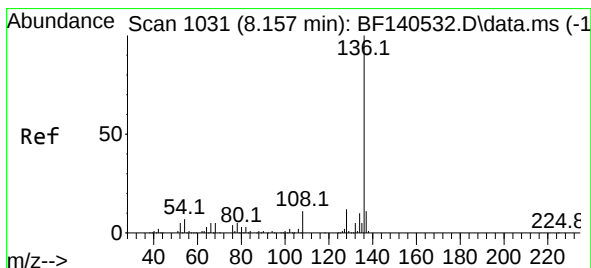
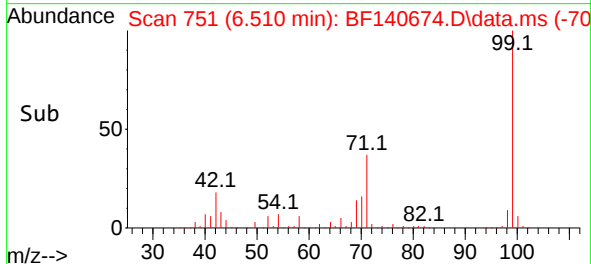
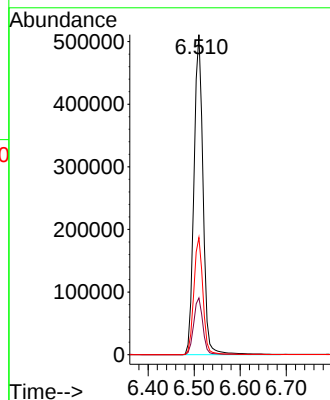
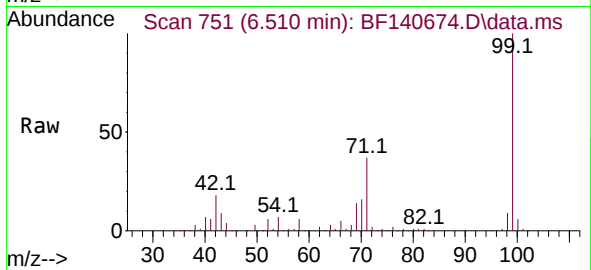




#7
Phenol-d6
Concen: 138.267 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

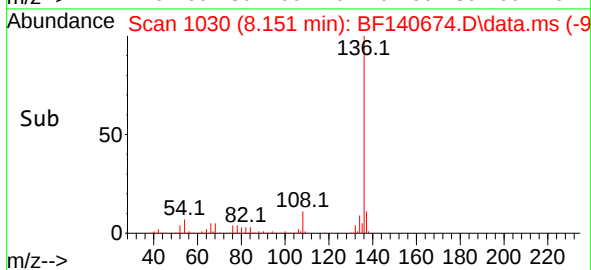
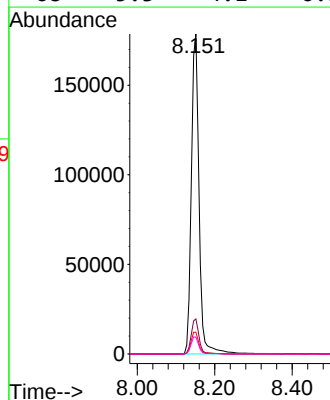
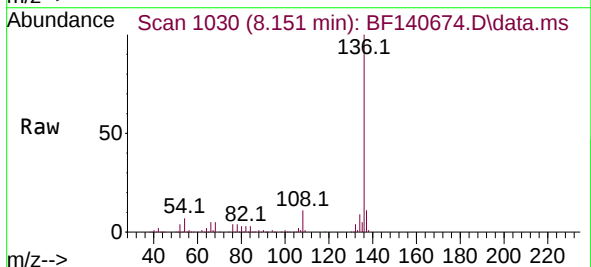
Instrument :
BNA_F
ClientSampleId :
MH-733

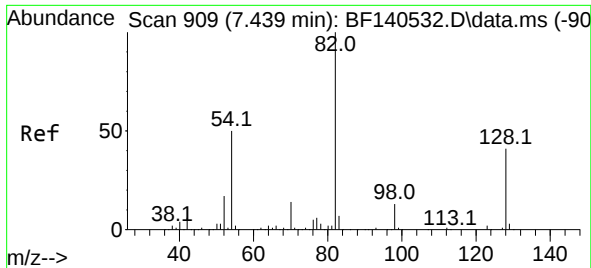
Tgt Ion: 99 Resp: 699729
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 36.6 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

Tgt Ion: 136 Resp: 246753
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.8 5.8 8.8
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 103.748 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF140674.D

Acq: 27 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

MH-733

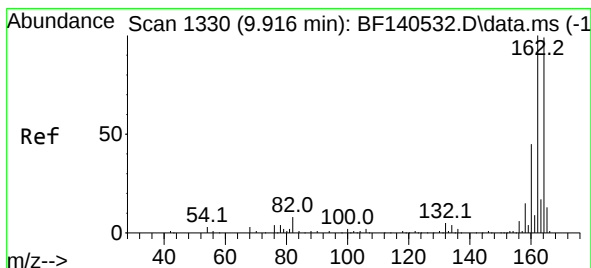
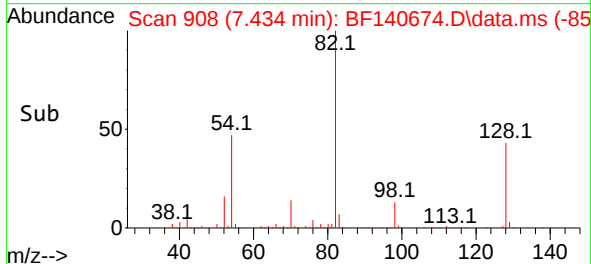
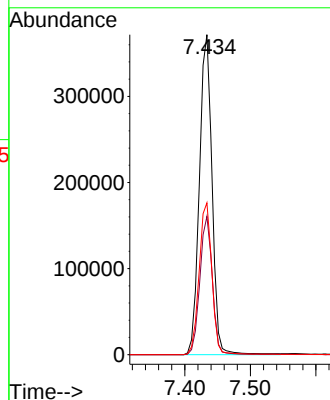
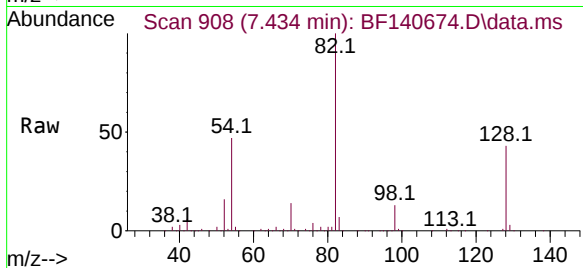
Tgt Ion: 82 Resp: 500488

Ion Ratio Lower Upper

82 100

128 43.2 33.0 49.4

54 47.5 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: BF140674.D

Acq: 27 Nov 2024 17:06

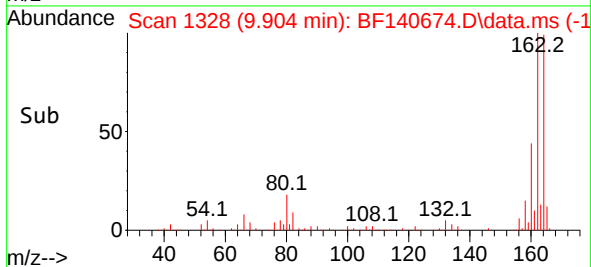
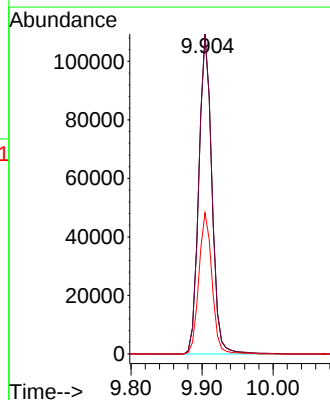
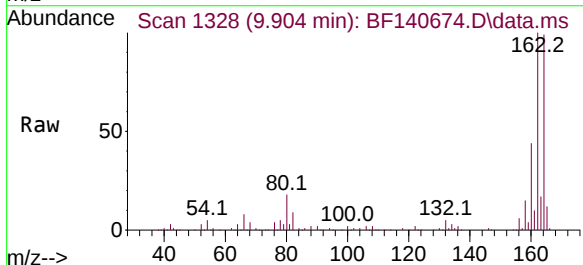
Tgt Ion:164 Resp: 139477

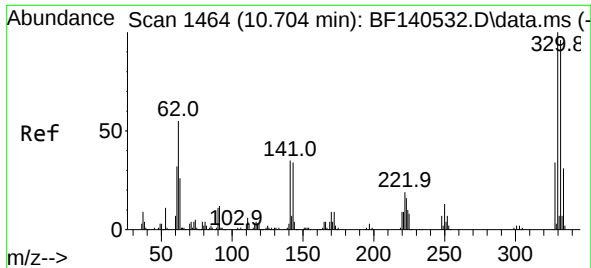
Ion Ratio Lower Upper

164 100

162 100.6 80.6 120.8

160 44.4 36.2 54.4

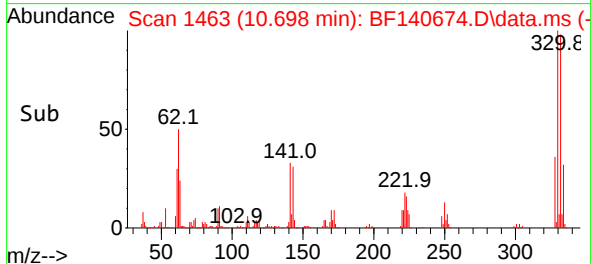
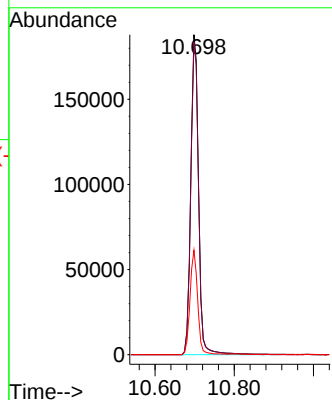
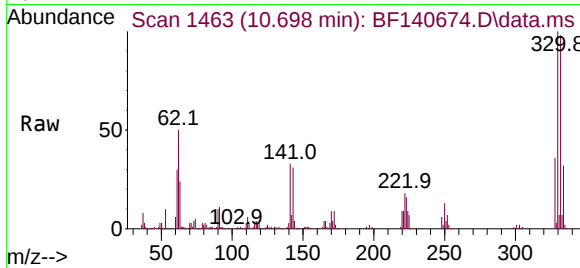




#42
2,4,6-Tribromophenol
Concen: 172.183 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

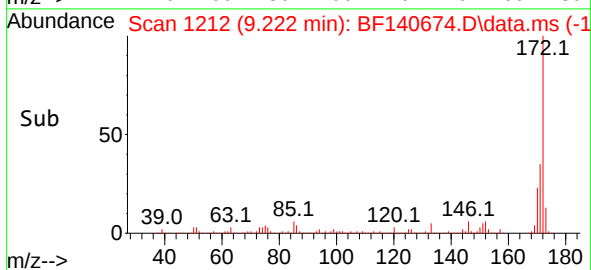
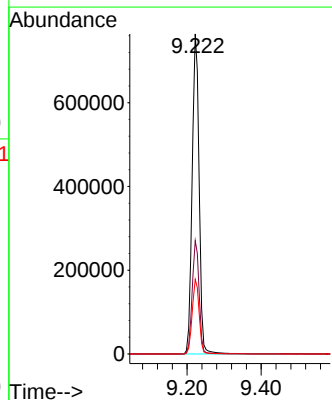
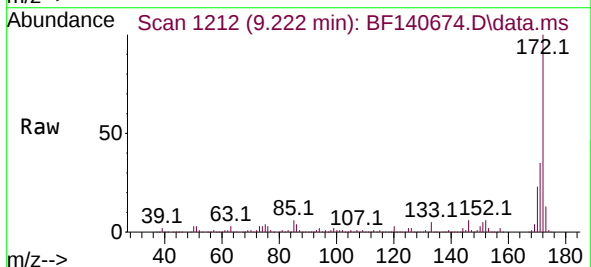
Instrument :
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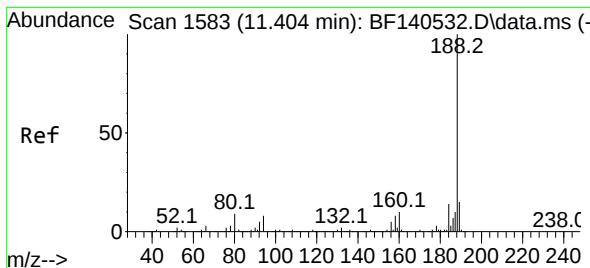
Tgt Ion:330 Resp: 256848
Ion Ratio Lower Upper
330 100
332 97.8 76.9 115.3
141 32.1 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 106.695 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

Tgt Ion:172 Resp: 998798
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140674.D

Acq: 27 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

MH-733

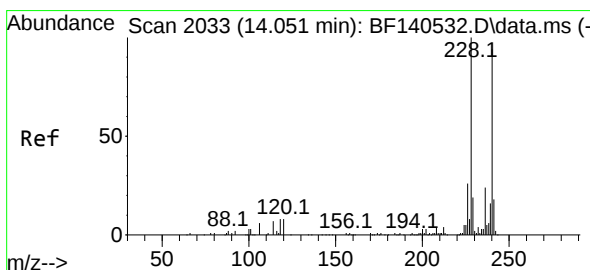
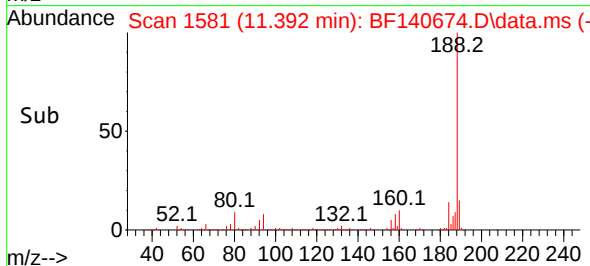
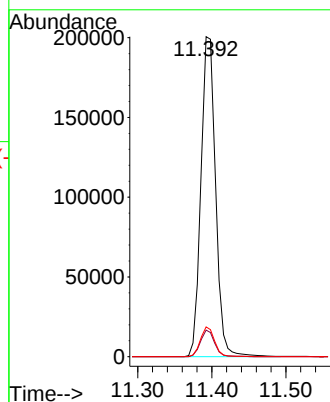
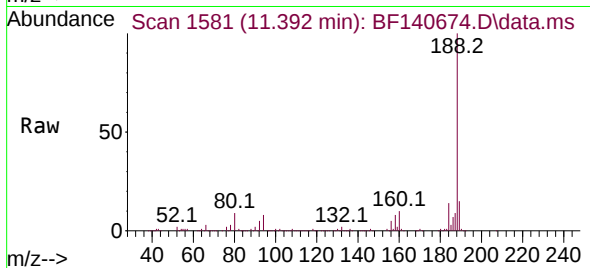
Tgt Ion:188 Resp: 275850

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.3 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: BF140674.D

Acq: 27 Nov 2024 17:06

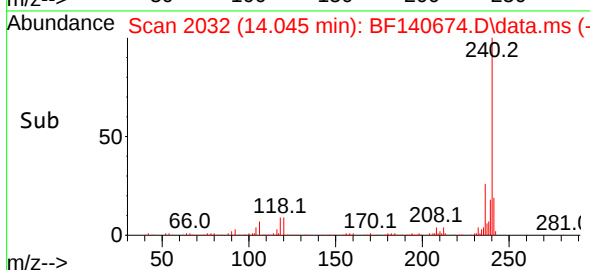
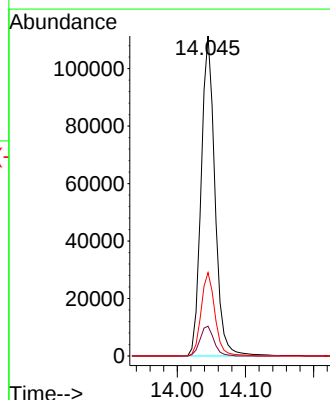
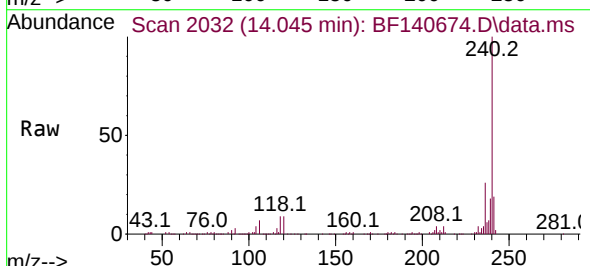
Tgt Ion:240 Resp: 156653

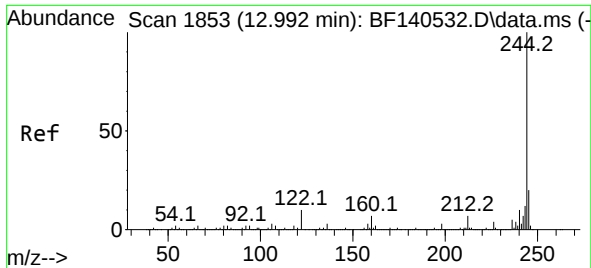
Ion Ratio Lower Upper

240 100

120 9.3 7.3 10.9

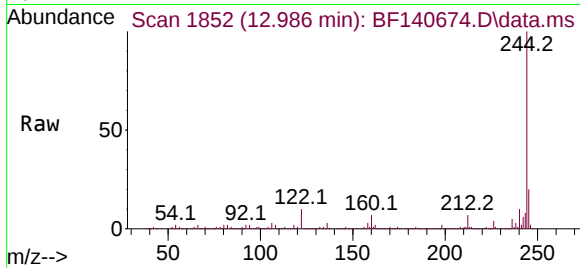
236 26.0 20.6 31.0



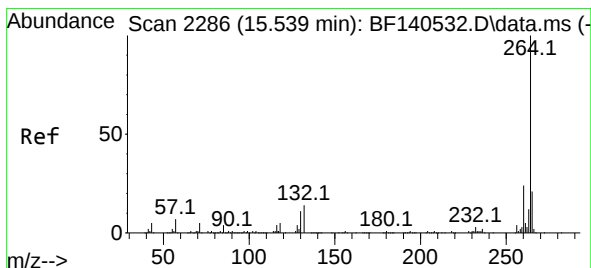
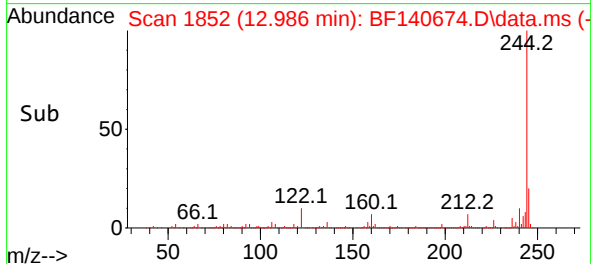
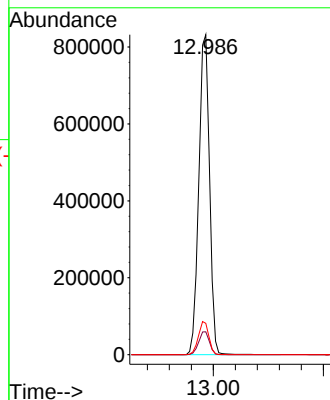


#79
 Terphenyl-d14
 Concen: 112.107 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140674.D
 Acq: 27 Nov 2024 17:06

Instrument :
 BNA_F
 ClientSampleId :
 MH-733



Tgt Ion:244 Resp: 1127838
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.8 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. 0.000 min
 Lab File: BF140674.D
 Acq: 27 Nov 2024 17:06

Tgt Ion:264 Resp: 98285
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.0 28.6
 265 21.6 16.6 25.0

