

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138835.D
 Acq On : 07 Aug 2024 11:29
 Operator : RC/JU
 Sample : PB162358BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162358BL

Quant Time: Aug 12 16:06:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

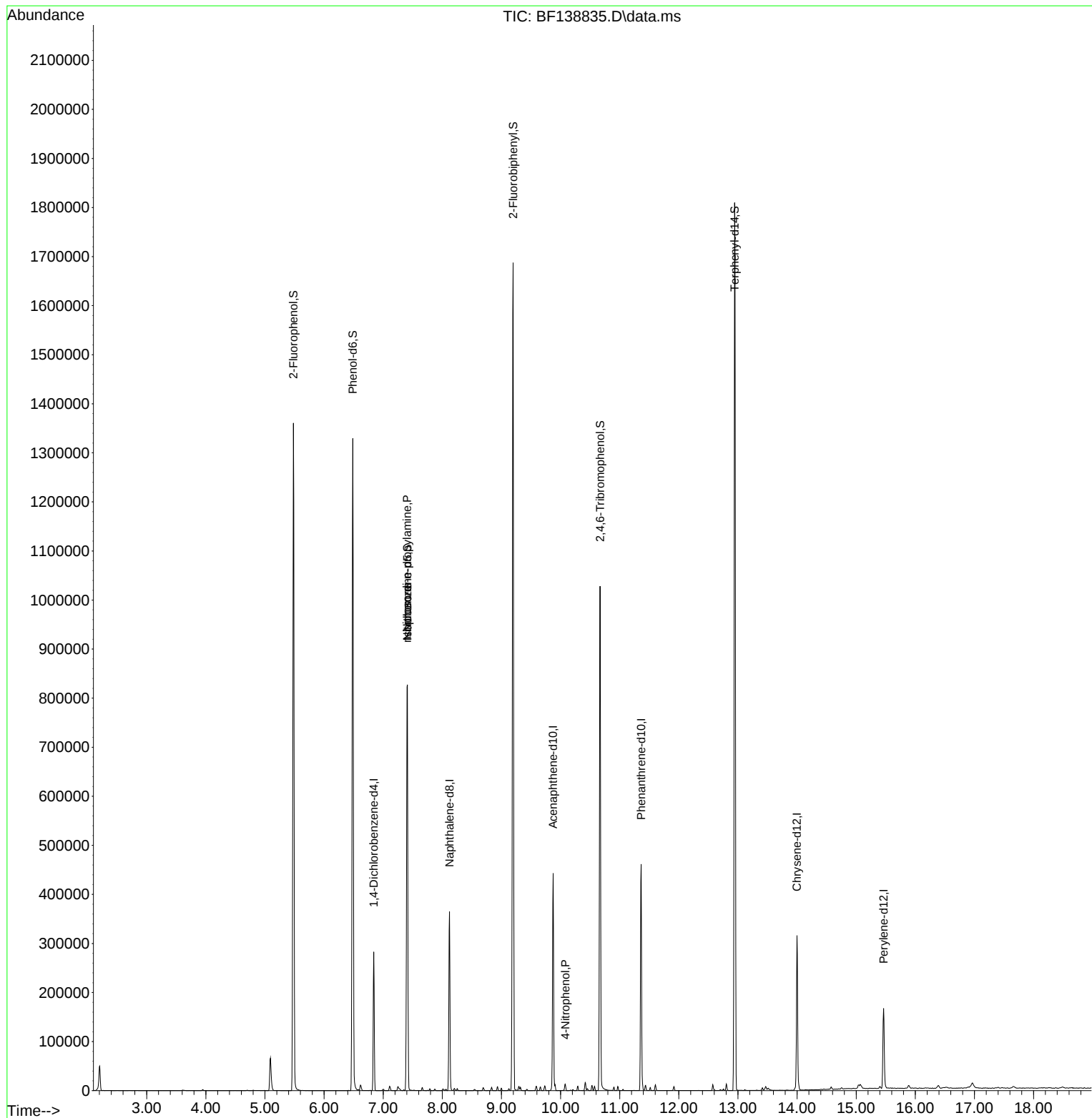
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	53450	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	221655	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	127584	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	238412	20.000	ng	0.00
76) Chrysene-d12	13.998	240	143081	20.000	ng	0.00
86) Perylene-d12	15.462	264	95695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	470663	135.929	ng	0.01
7) Phenol-d6	6.487	99	631124	135.759	ng	0.00
23) Nitrobenzene-d5	7.410	82	402986	88.888	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	158443	151.608	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	761378	89.664	ng	0.00
79) Terphenyl-d14	12.945	244	901082	105.440	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	55374	19.721	ng	# 77
25) Isophorone	7.410	82	399951	51.664	ng	# 66
56) 4-Nitrophenol	10.080	139	3051	2.666	ng	# 10

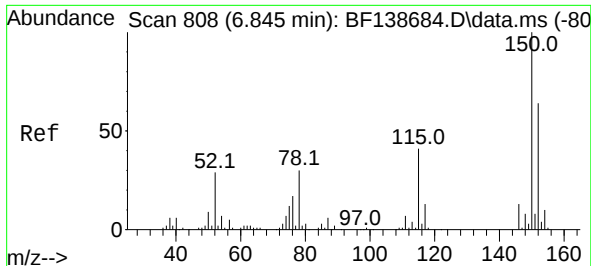
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 12 16:06:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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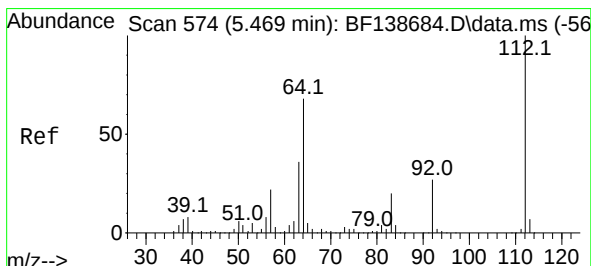
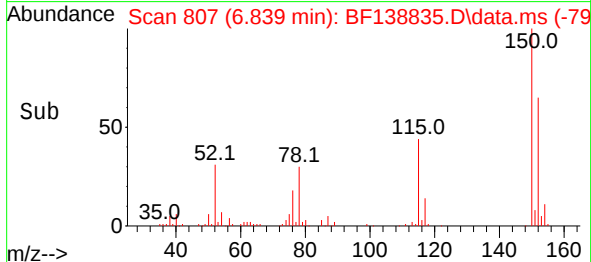
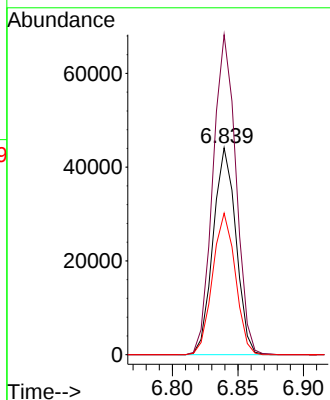
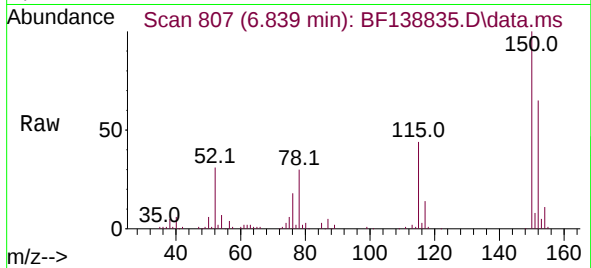




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138835.D
Acq: 07 Aug 2024 11:29

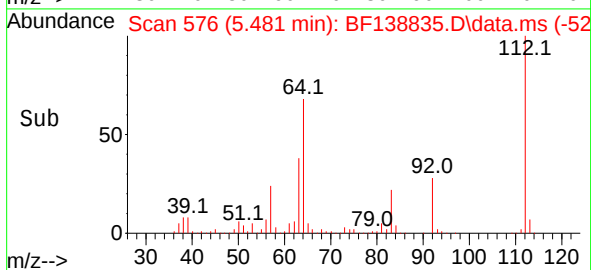
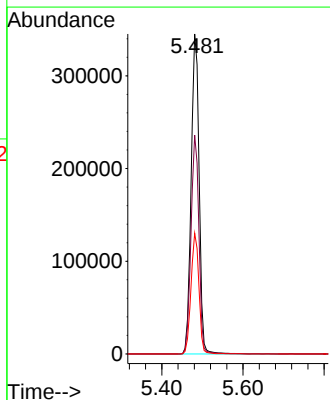
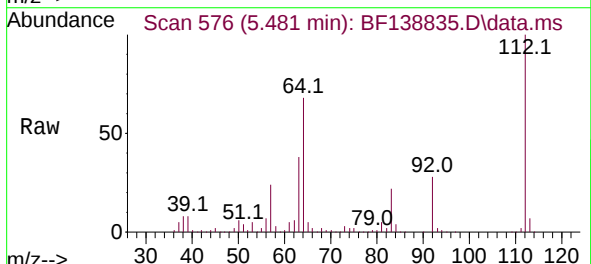
Instrument :
BNA_F
ClientSampleId :
PB162358BL

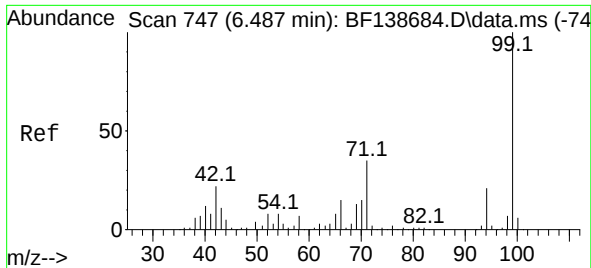
Tgt Ion:152 Resp: 53450
Ion Ratio Lower Upper
152 100
150 154.7 126.0 189.0
115 68.3 51.7 77.5



#5
2-Fluorophenol
Concen: 135.929 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138835.D
Acq: 07 Aug 2024 11:29

Tgt Ion:112 Resp: 470663
Ion Ratio Lower Upper
112 100
64 68.4 54.2 81.4
63 37.7 28.7 43.1

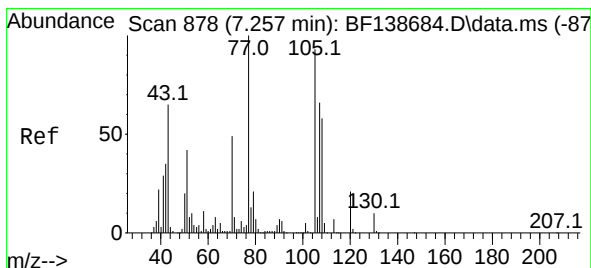
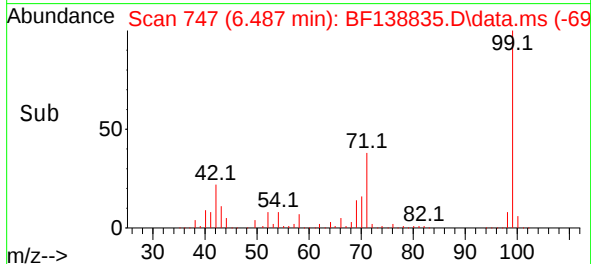
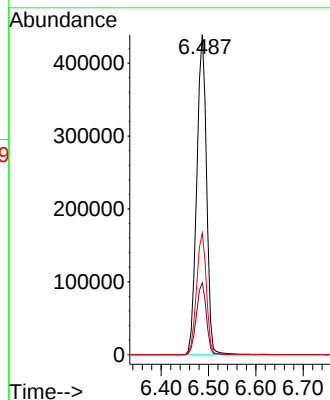
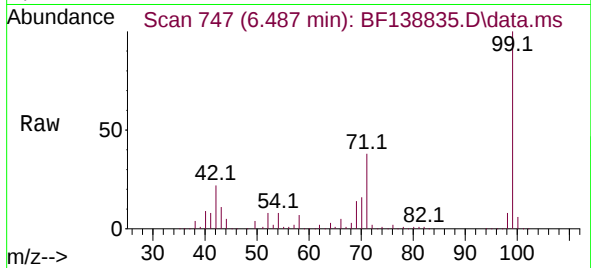




#7
Phenol-d6
Concen: 135.759 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138835.D
Acq: 07 Aug 2024 11:29

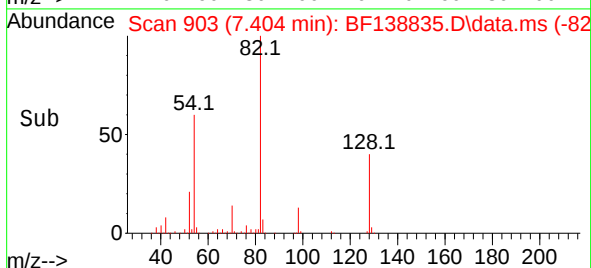
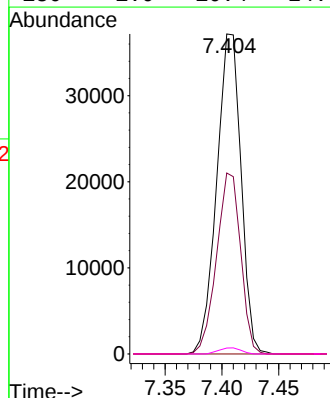
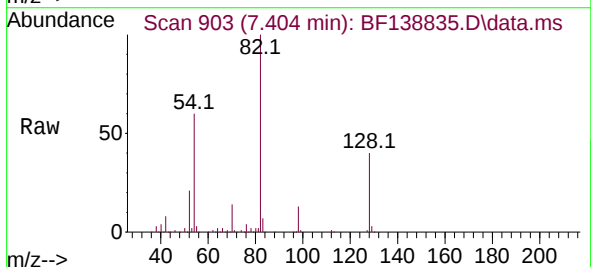
Instrument :
BNA_F
ClientSampleId :
PB162358BL

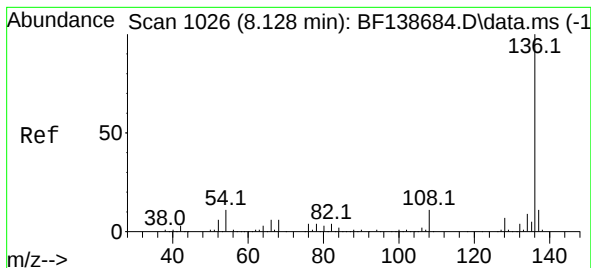
Tgt Ion: 99 Resp: 631124
Ion Ratio Lower Upper
99 100
42 22.5 17.4 26.0
71 38.0 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 19.721 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138835.D
Acq: 07 Aug 2024 11:29

Tgt Ion: 70 Resp: 55374
Ion Ratio Lower Upper
70 100
42 56.5 57.4 86.0#
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138835.D

Acq: 07 Aug 2024 11:29

Instrument :

BNA_F

ClientSampleId :

PB162358BL

Tgt Ion:136 Resp: 221655

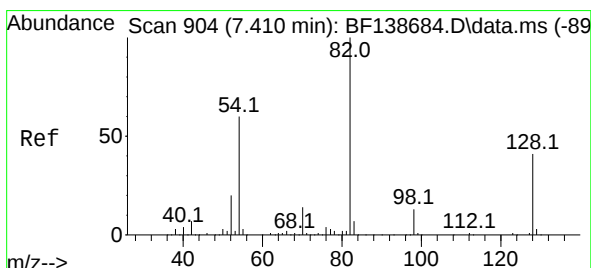
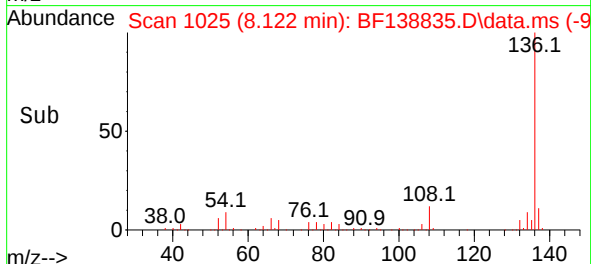
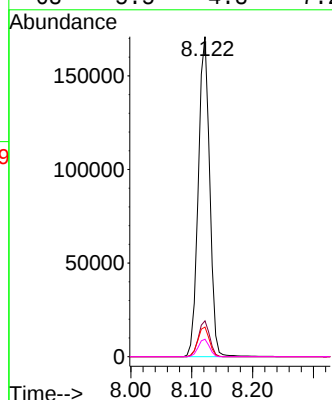
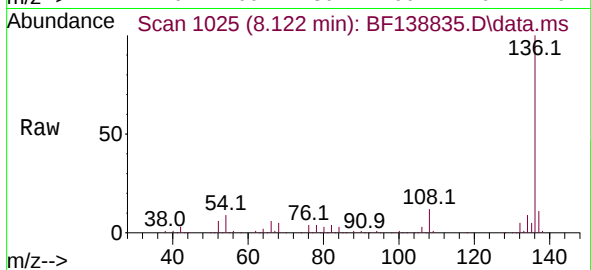
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.3 8.6 12.8

68 5.5 4.8 7.2



#23

Nitrobenzene-d5

Concen: 88.888 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138835.D

Acq: 07 Aug 2024 11:29

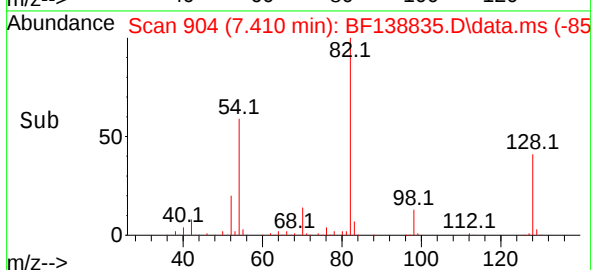
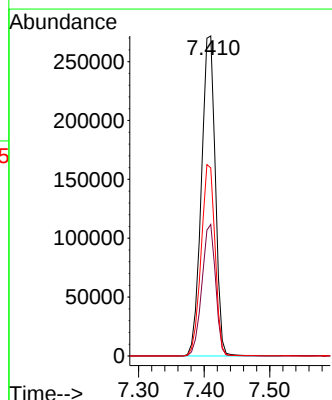
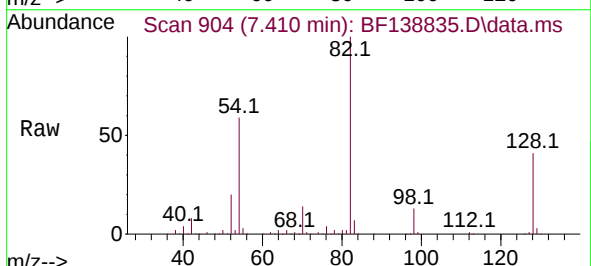
Tgt Ion: 82 Resp: 402986

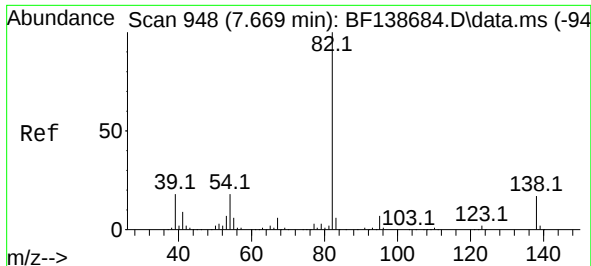
Ion Ratio Lower Upper

82 100

128 41.1 32.8 49.2

54 58.8 48.3 72.5

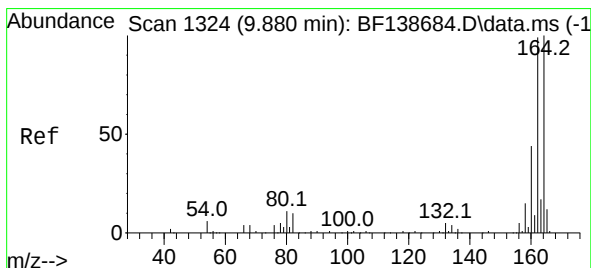
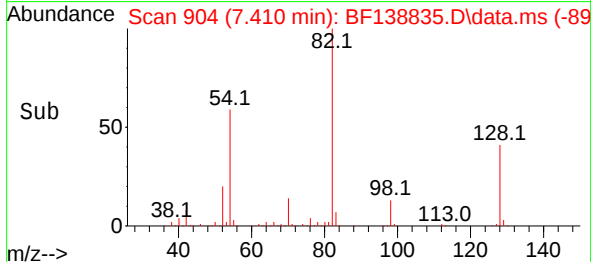
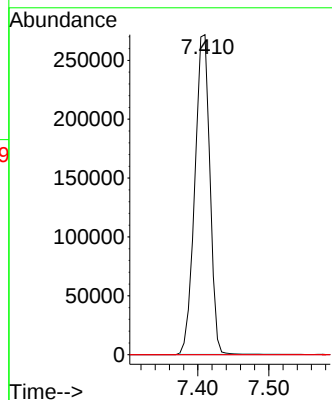
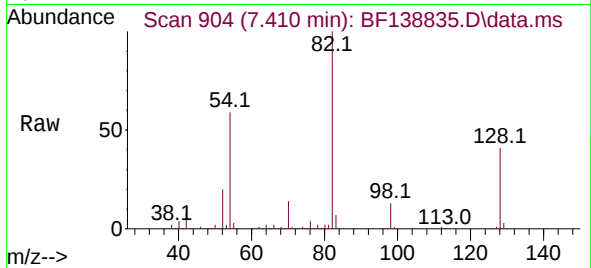




#25
Isophorone
Concen: 51.664 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138835.D
Acq: 07 Aug 2024 11:29

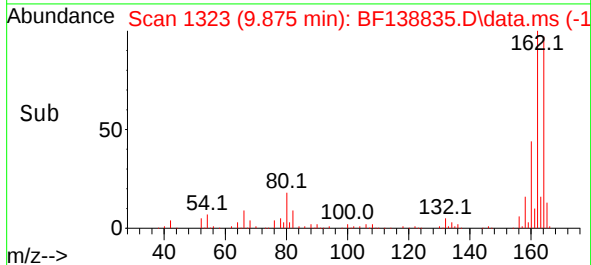
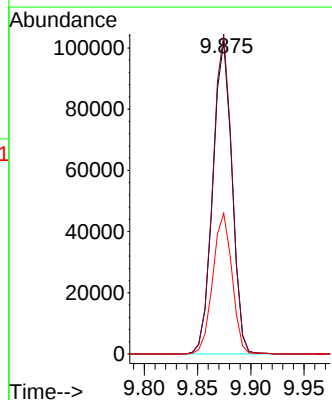
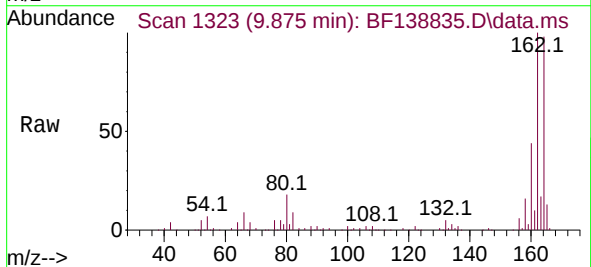
Instrument :
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ClientSampleId :
PB162358BL

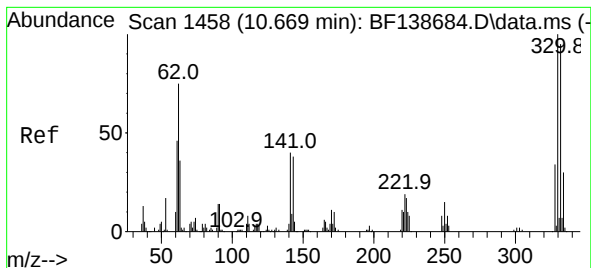
Tgt Ion: 82 Resp: 399951
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138835.D
Acq: 07 Aug 2024 11:29

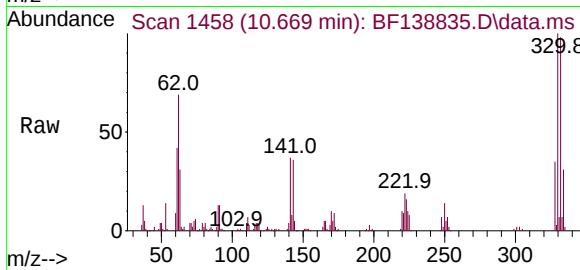
Tgt Ion:164 Resp: 127584
Ion Ratio Lower Upper
164 100
162 102.5 79.4 119.0
160 45.1 35.1 52.7



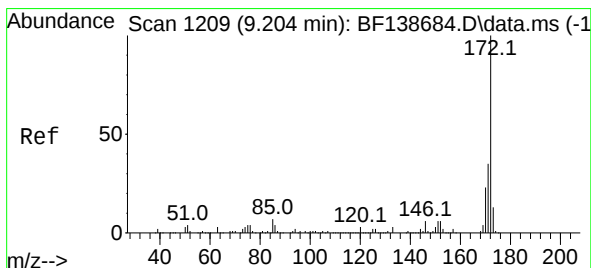
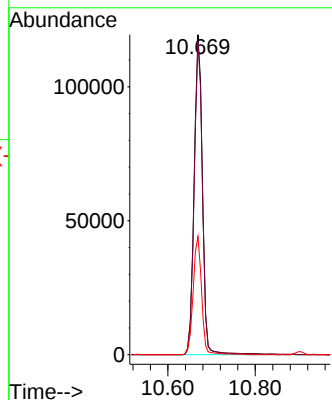
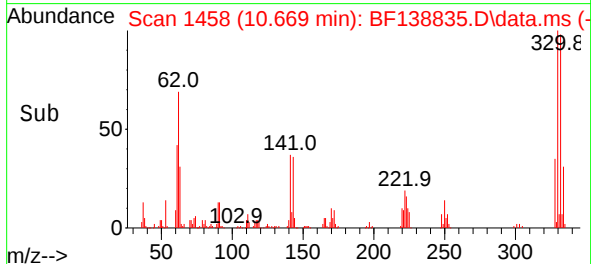


#42
2,4,6-Tribromophenol
Concen: 151.608 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138835.D
Acq: 07 Aug 2024 11:29

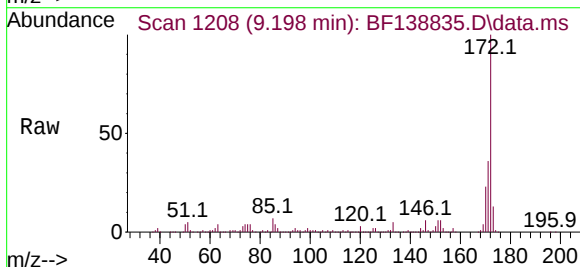
Instrument :
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ClientSampleId :
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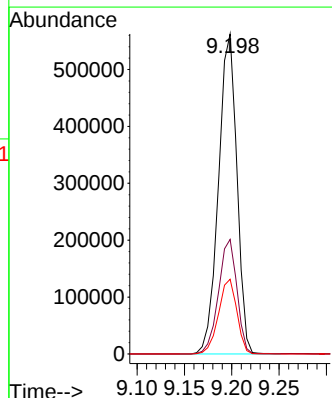
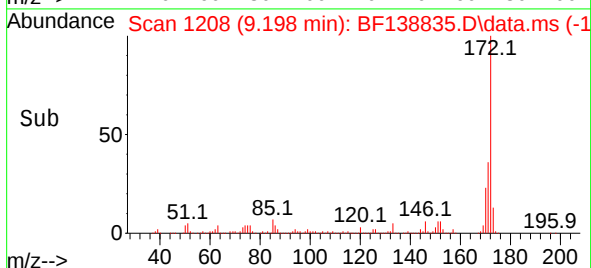
Tgt Ion:330 Resp: 158443
Ion Ratio Lower Upper
330 100
332 97.1 76.4 114.6
141 37.5 31.1 46.7

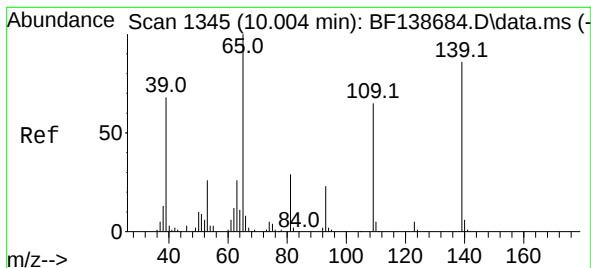


#45
2-Fluorobiphenyl
Concen: 89.664 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138835.D
Acq: 07 Aug 2024 11:29



Tgt Ion:172 Resp: 761378
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.4 18.8 28.2

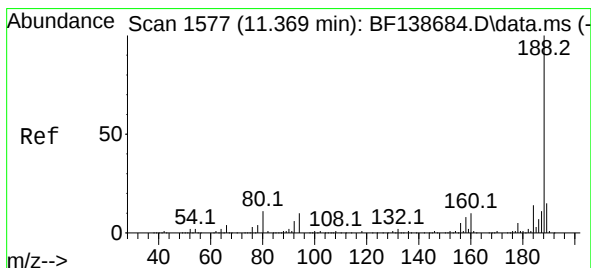
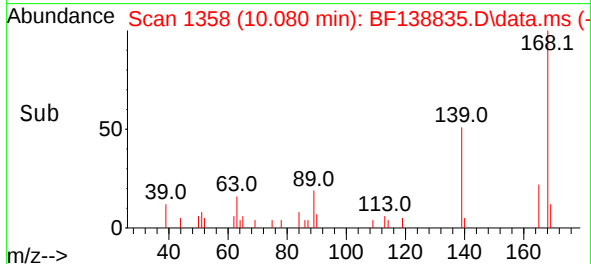
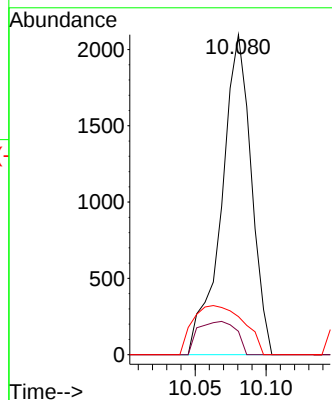
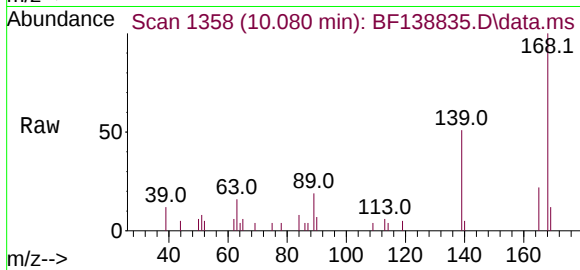




#56
4-Nitrophenol
Concen: 2.666 ng
RT: 10.080 min Scan# 1345
Delta R.T. 0.076 min
Lab File: BF138835.D
Acq: 07 Aug 2024 11:29

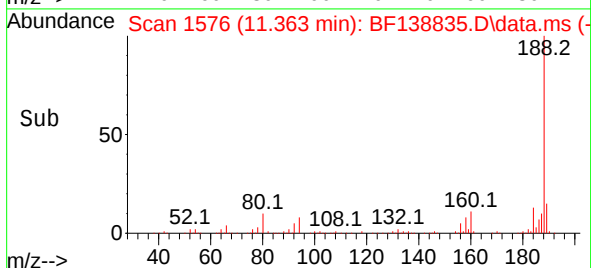
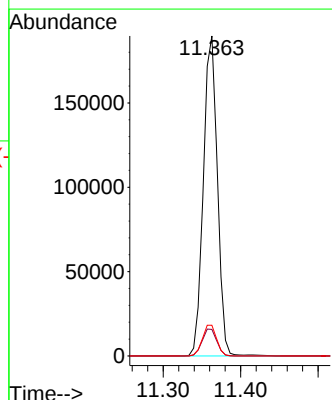
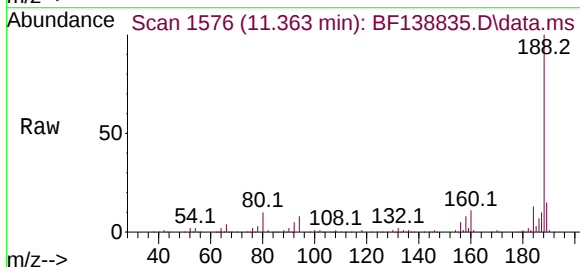
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PB162358BL

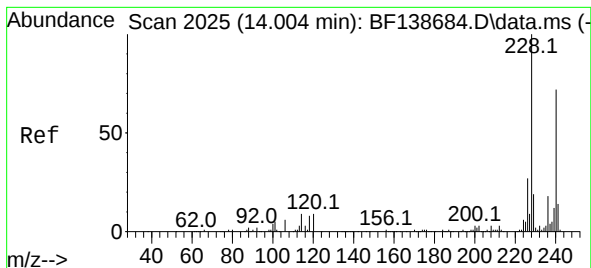
Tgt Ion:139 Resp: 3051
Ion Ratio Lower Upper
139 100
109 7.3 55.5 95.5#
65 11.9 96.7 136.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138835.D
Acq: 07 Aug 2024 11:29

Tgt Ion:188 Resp: 238412
Ion Ratio Lower Upper
188 100
94 8.3 7.6 11.4
80 9.6 8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138835.D

Acq: 07 Aug 2024 11:29

Instrument :

BNA_F

ClientSampleId :

PB162358BL

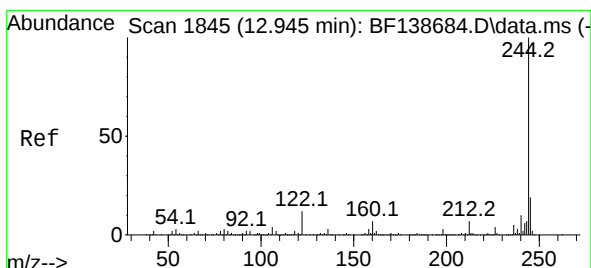
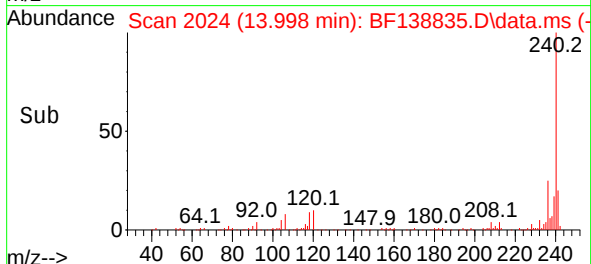
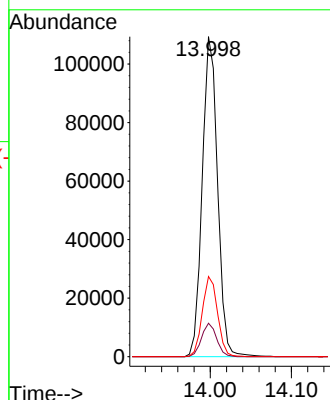
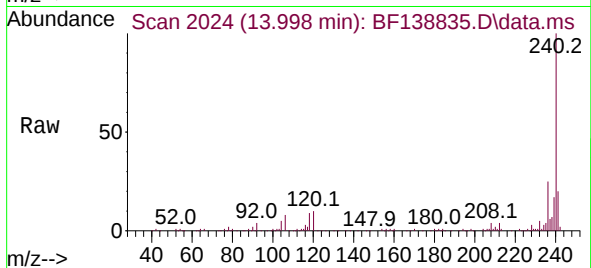
Tgt Ion:240 Resp: 143081

Ion Ratio Lower Upper

240 100

120 10.5 10.2 15.4

236 25.0 19.8 29.8



#79

Terphenyl-d14

Concen: 105.440 ng

RT: 12.945 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BF138835.D

Acq: 07 Aug 2024 11:29

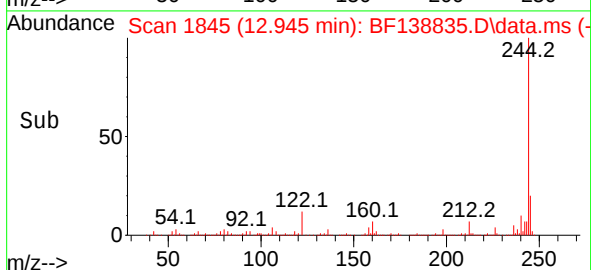
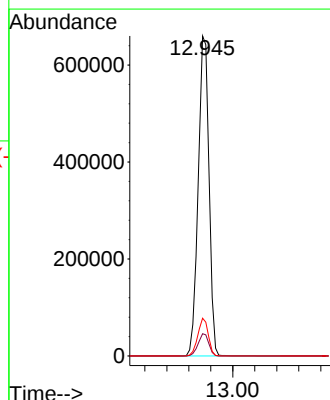
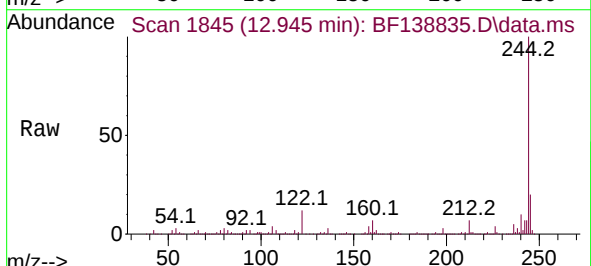
Tgt Ion:244 Resp: 901082

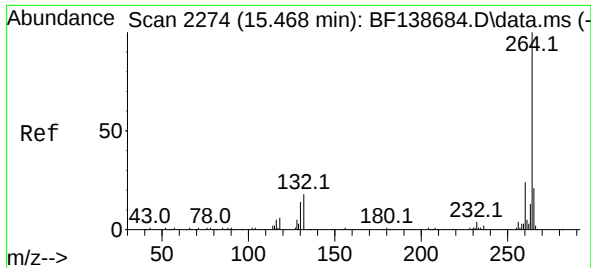
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

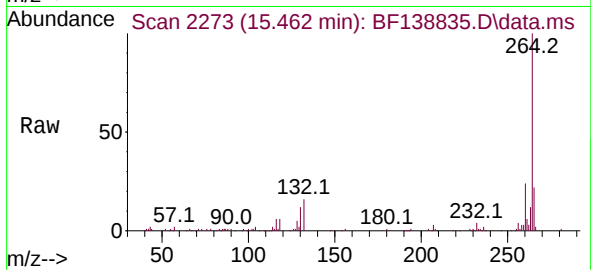
122 11.8 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138835.D
Acq: 07 Aug 2024 11:29

Instrument :
BNA_F
ClientSampleId :
PB162358BL



Tgt Ion:264 Resp: 95695
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.5 17.0 25.6

