

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138776.D
 Acq On : 03 Aug 2024 18:19
 Operator : RC/JU
 Sample : P3448-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7

Quant Time: Aug 05 00:53:45 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	6.845	152	42074	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	170771	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	92919	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	141606	20.000	ng	0.00
76) Chrysene-d12	14.004	240	77551	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	93318	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	244909	89.855	ng	0.00
7) Phenol-d6	6.487	99	324649	88.716	ng	0.00
23) Nitrobenzene-d5	7.410	82	209052	59.851	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	68052	89.409	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	381605	61.705	ng	0.00
79) Terphenyl-d14	12.951	244	292500	63.149	ng	0.00

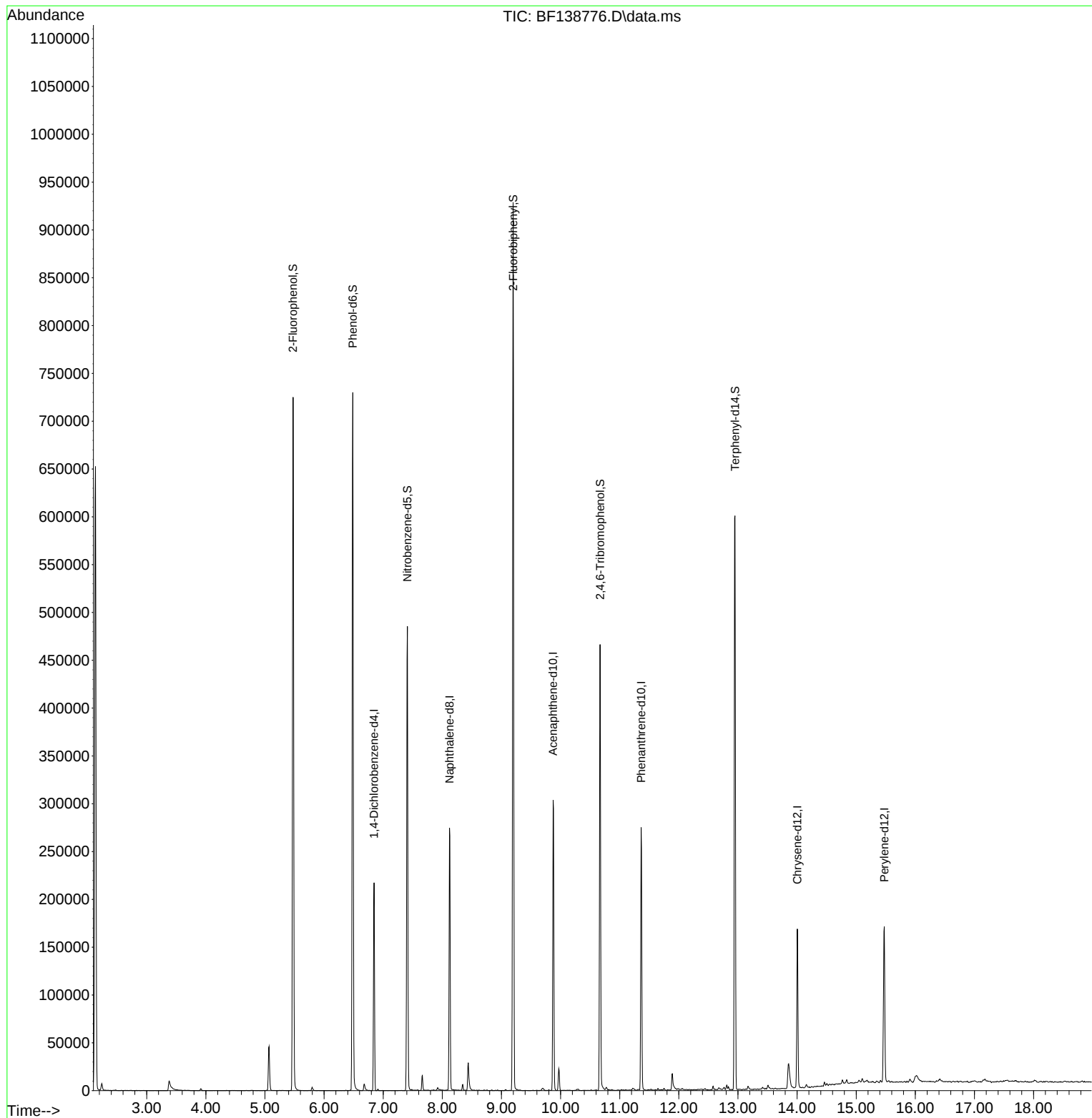
Target Compounds	Qvalue

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

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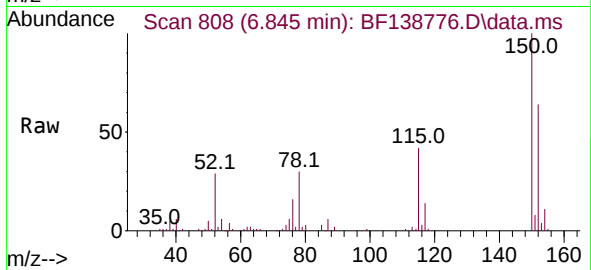
Quant Time: Aug 05 00:53:45 2024
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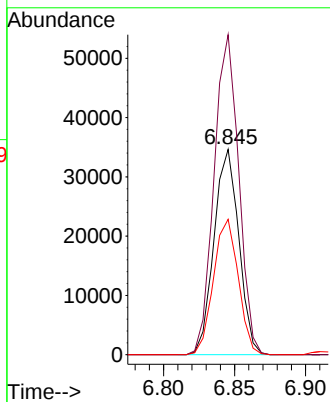
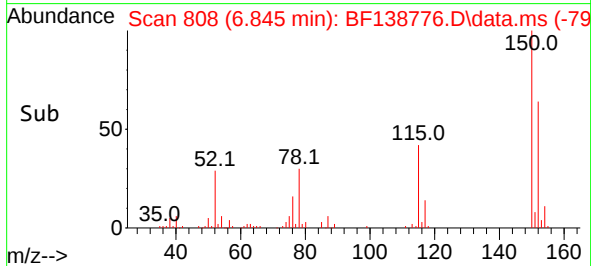


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19

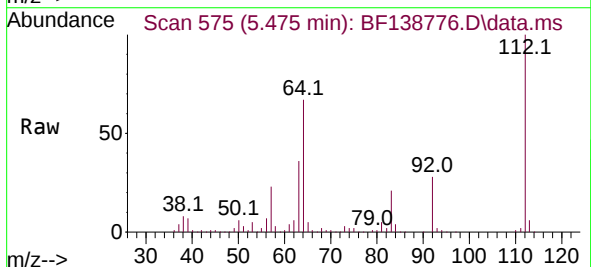
Instrument :
BNA_F
ClientSampleId :
TP7



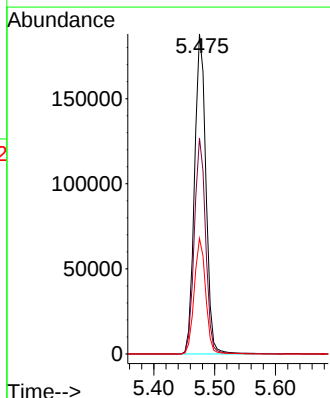
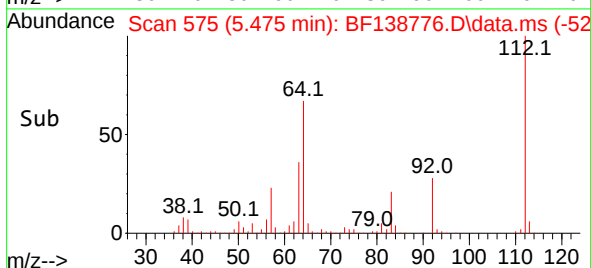
Tgt Ion:152 Resp: 42074
Ion Ratio Lower Upper
152 100
150 155.9 126.0 189.0
115 65.9 51.7 77.5



#5
2-Fluorophenol
Concen: 89.855 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19



Tgt Ion:112 Resp: 244909
Ion Ratio Lower Upper
112 100
64 67.5 54.2 81.4
63 36.1 28.7 43.1

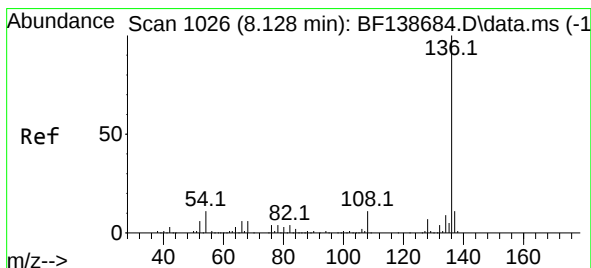
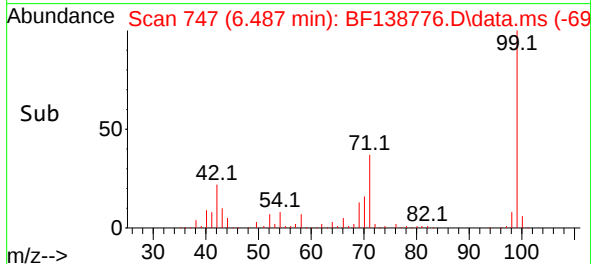
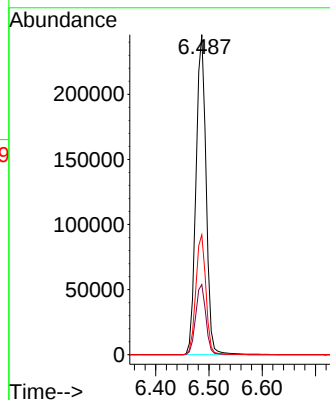
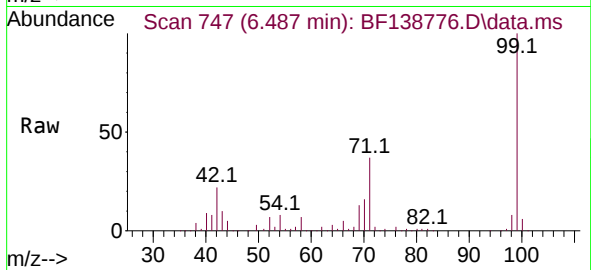




#7
Phenol-d6
Concen: 88.716 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19

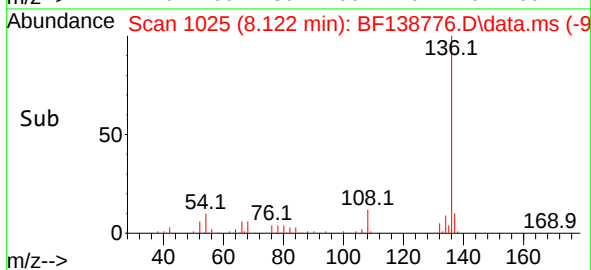
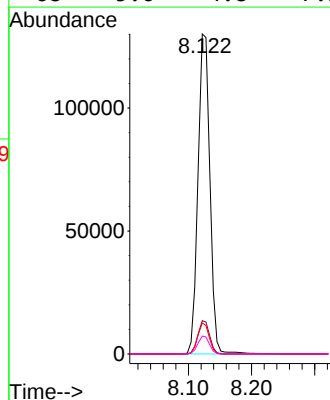
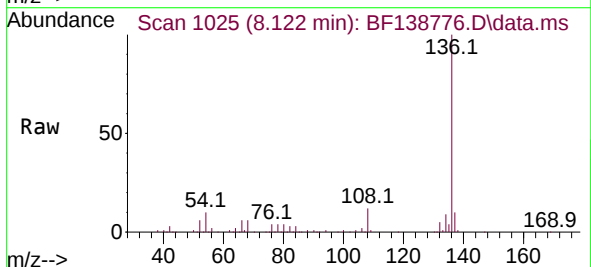
Instrument :
BNA_F
ClientSampleId :
TP7

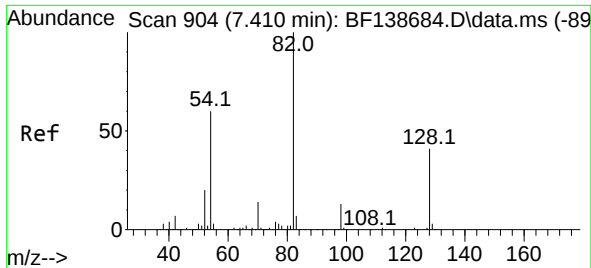
Tgt Ion: 99 Resp: 324649
Ion Ratio Lower Upper
99 100
42 21.9 17.4 26.0
71 37.5 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19

Tgt Ion: 136 Resp: 170771
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 9.7 8.6 12.8
68 5.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 59.851 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138776.D

Acq: 03 Aug 2024 18:19

Instrument :

BNA_F

ClientSampleId :

TP7

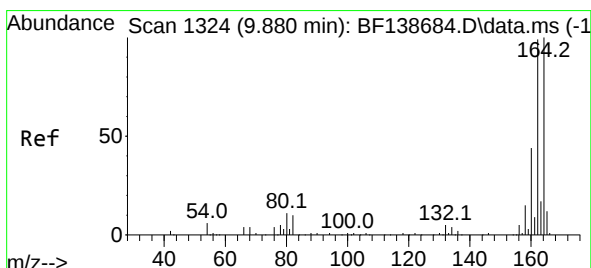
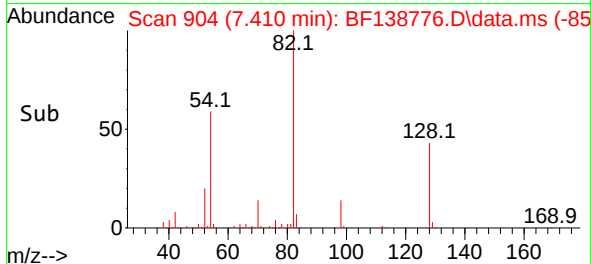
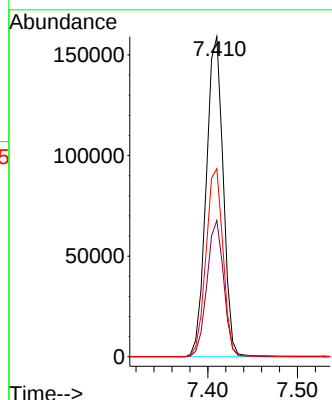
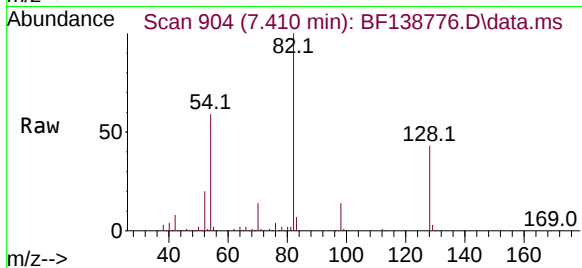
Tgt Ion: 82 Resp: 209052

Ion Ratio Lower Upper

82 100

128 42.5 32.8 49.2

54 58.8 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF138776.D

Acq: 03 Aug 2024 18:19

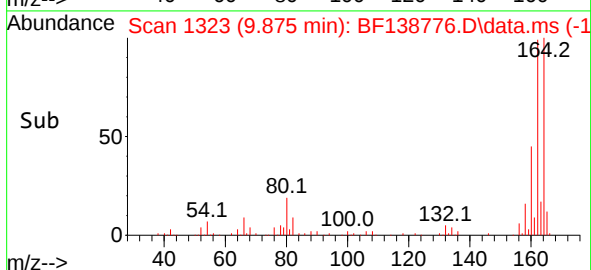
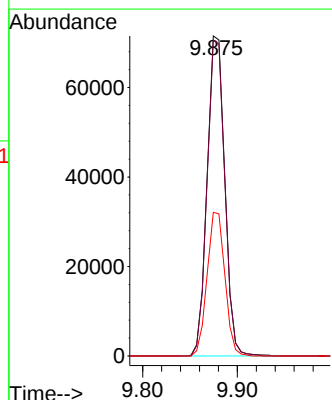
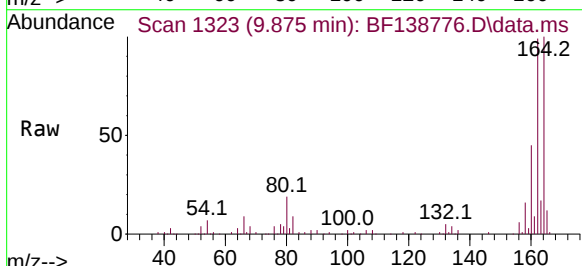
Tgt Ion: 164 Resp: 92919

Ion Ratio Lower Upper

164 100

162 98.6 79.4 119.0

160 44.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 89.409 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BF138776.D

Acq: 03 Aug 2024 18:19

Instrument :

BNA_F

ClientSampleId :

TP7

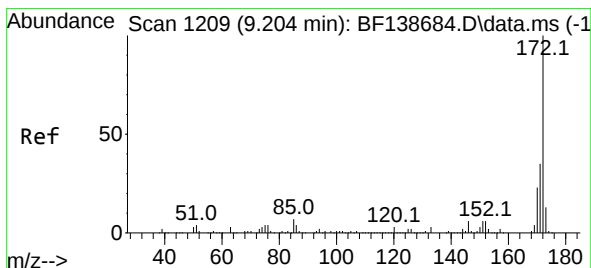
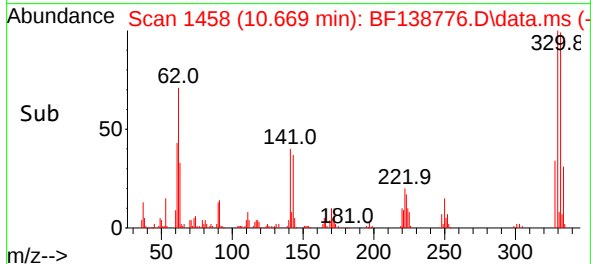
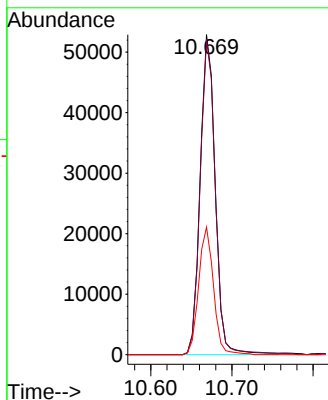
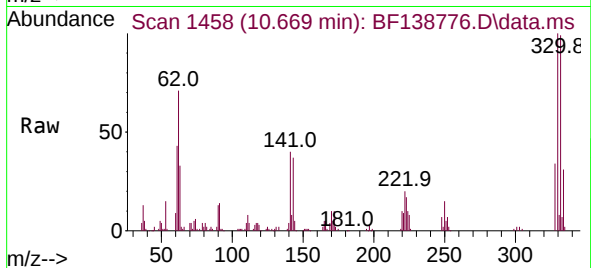
Tgt Ion:330 Resp: 68052

Ion Ratio Lower Upper

330 100

332 99.1 76.4 114.6

141 39.4 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 61.705 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138776.D

Acq: 03 Aug 2024 18:19

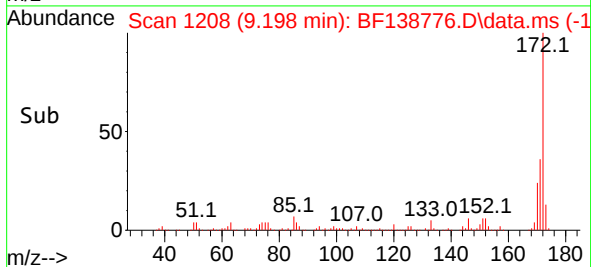
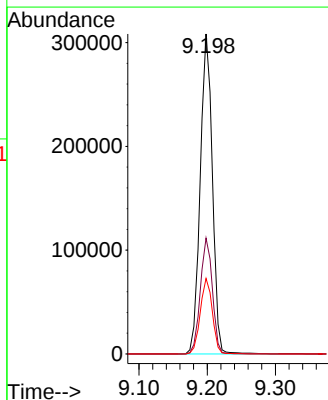
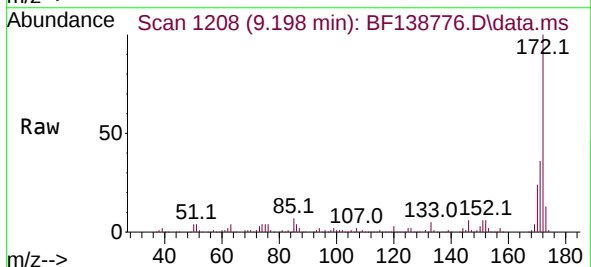
Tgt Ion:172 Resp: 381605

Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 23.6 18.8 28.2

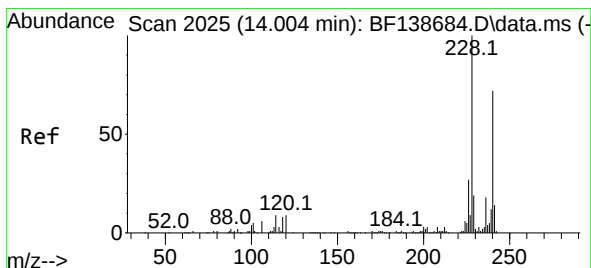
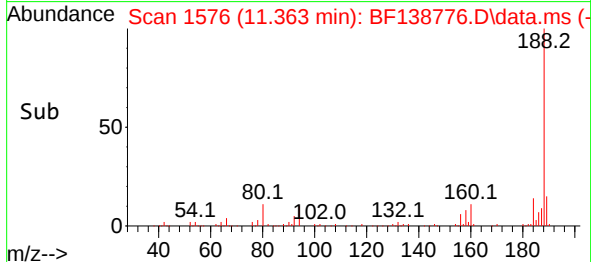
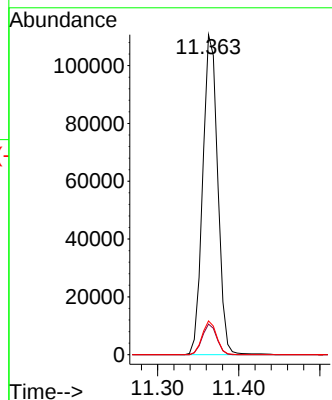
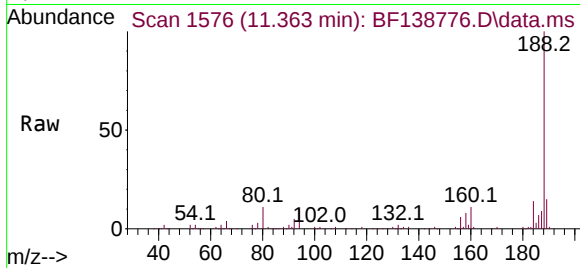




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19

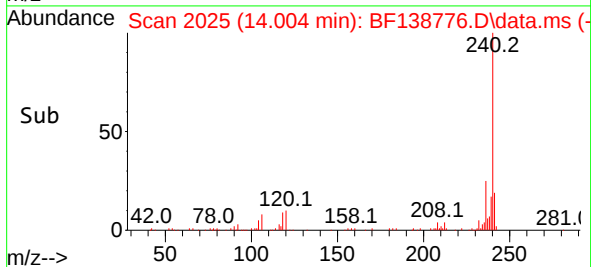
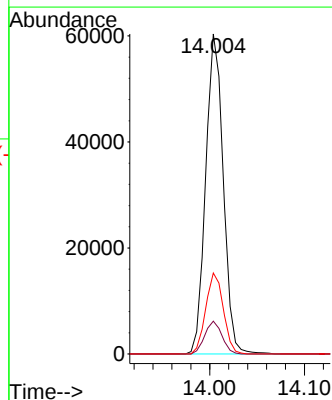
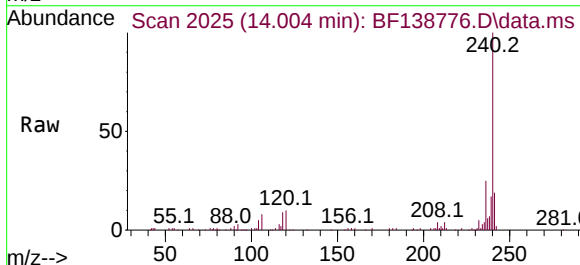
Instrument :
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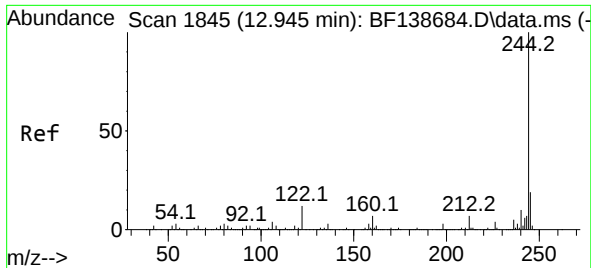
Tgt Ion:188 Resp: 141606
Ion Ratio Lower Upper
188 100
94 9.6 7.6 11.4
80 10.6 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19

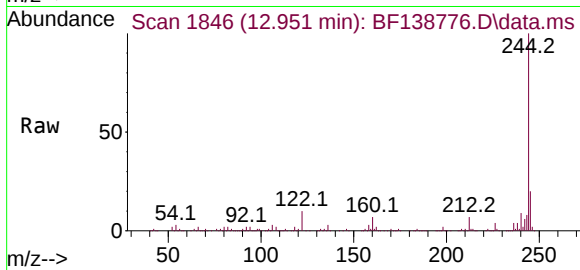
Tgt Ion:240 Resp: 77551
Ion Ratio Lower Upper
240 100
120 10.2 10.2 15.4#
236 25.3 19.8 29.8



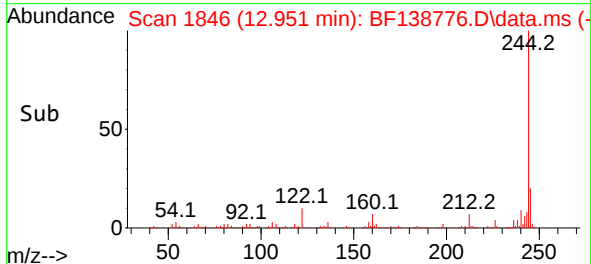
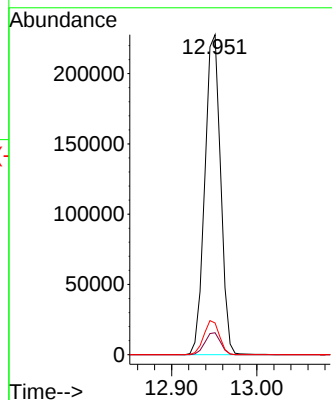


#79
Terphenyl-d14
Concen: 63.149 ng
RT: 12.951 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19

Instrument :
BNA_F
ClientSampleId :
TP7



Tgt Ion:244 Resp: 292500
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 9.9 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BF138776.D
Acq: 03 Aug 2024 18:19

Tgt Ion:264 Resp: 93318
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.9 17.0 25.6

