

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
 Data File : BF138692.D
 Acq On : 31 Jul 2024 09:29
 Operator : RC/JU
 Sample : PB162290BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162290BL

Quant Time: Jul 31 11:07:27 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	6.840	152	82308	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	340176	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	187744	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	345013	20.000	ng	0.00
76) Chrysene-d12	14.004	240	224576	20.000	ng	0.00
86) Perylene-d12	15.463	264	164426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	753488	141.314	ng	0.01
7) Phenol-d6	6.481	99	997311	139.313	ng	0.00
23) Nitrobenzene-d5	7.404	82	660715	94.960	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	233665	151.940	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1159795	92.817	ng	0.00
79) Terphenyl-d14	12.951	244	1352396	100.824	ng	0.00

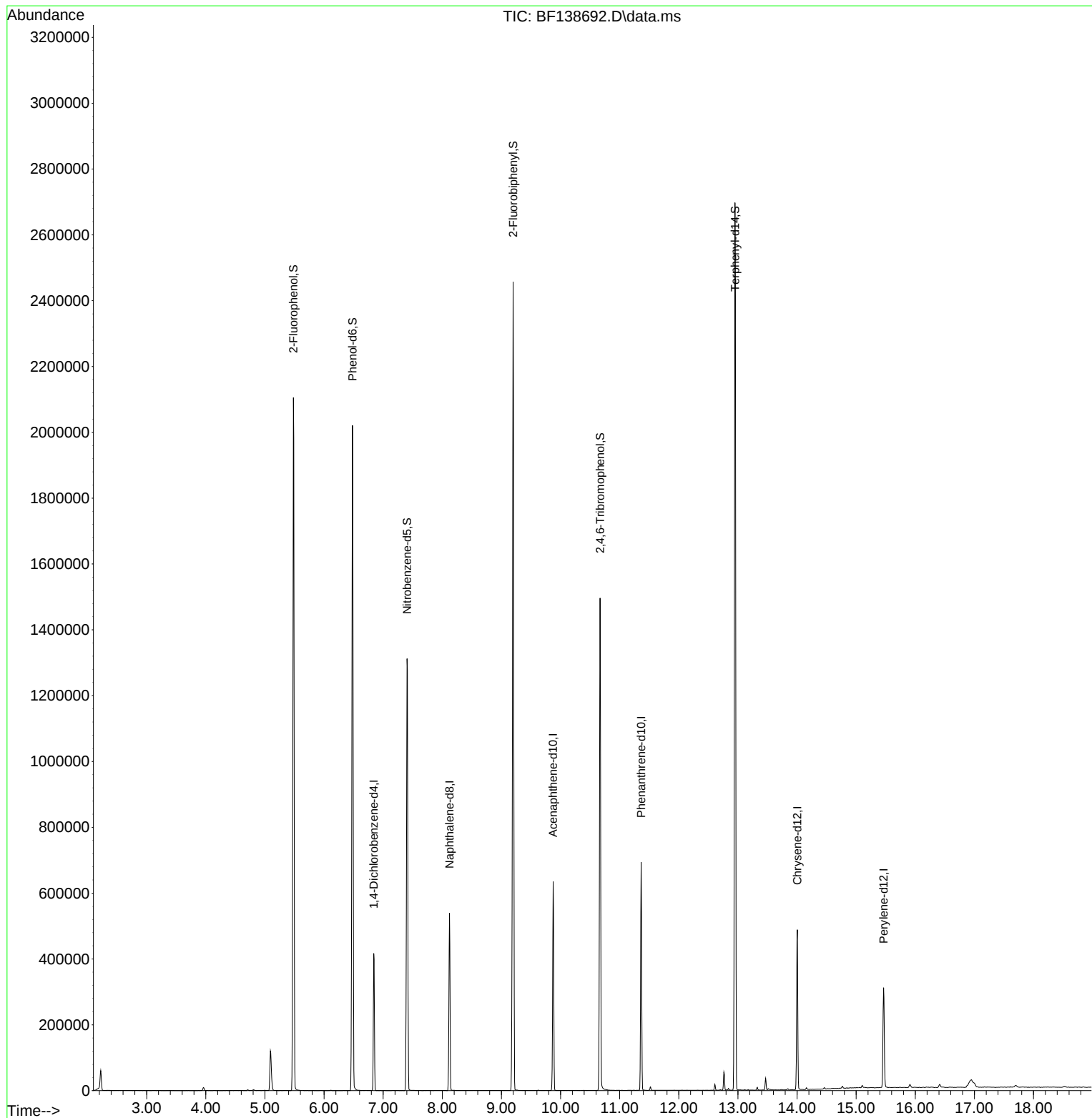
Target Compounds	Qvalue

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

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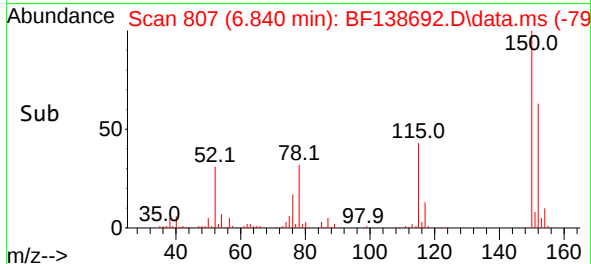
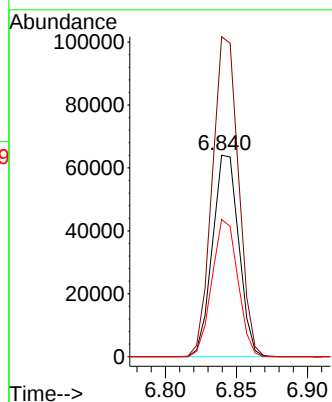
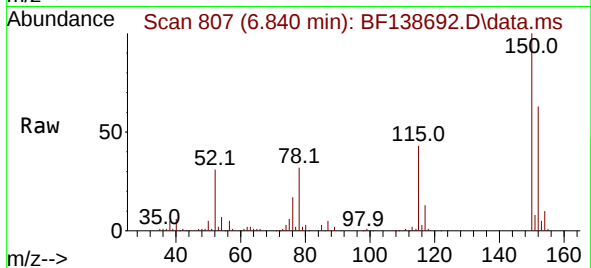




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138692.D
Acq: 31 Jul 2024 09:29

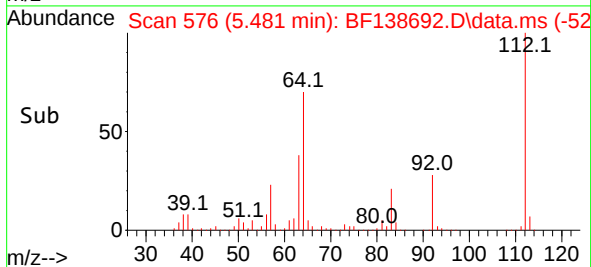
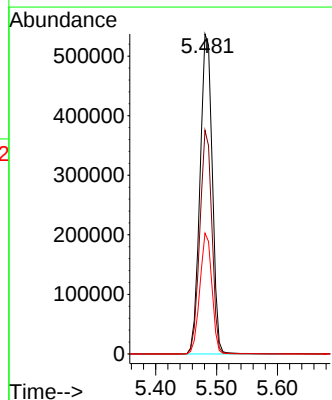
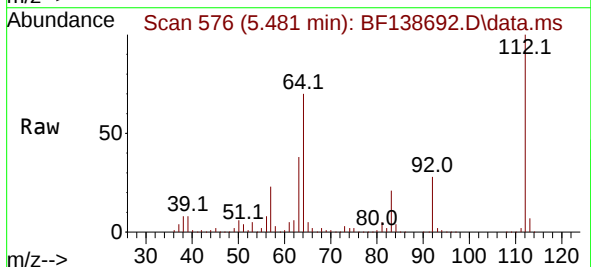
Instrument :
BNA_F
ClientSampleId :
PB162290BL

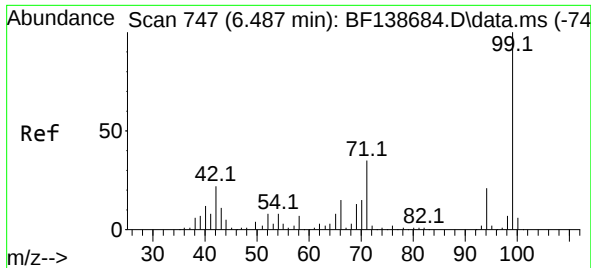
Tgt Ion:152 Resp: 82308
Ion Ratio Lower Upper
152 100
150 158.8 126.0 189.0
115 68.1 51.7 77.5



#5
2-Fluorophenol
Concen: 141.314 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138692.D
Acq: 31 Jul 2024 09:29

Tgt Ion:112 Resp: 753488
Ion Ratio Lower Upper
112 100
64 69.9 54.2 81.4
63 37.7 28.7 43.1

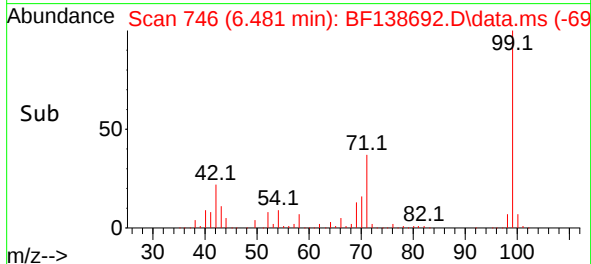
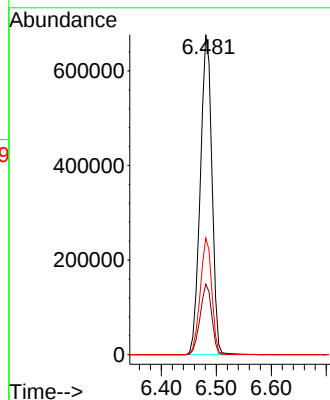
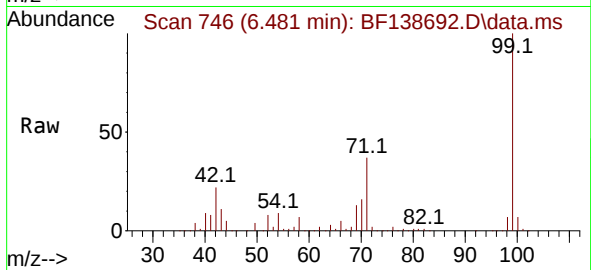




#7
Phenol-d6
Concen: 139.313 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138692.D
Acq: 31 Jul 2024 09:29

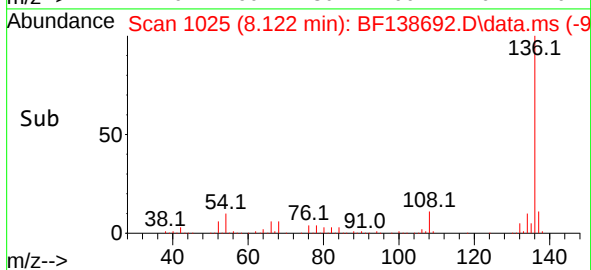
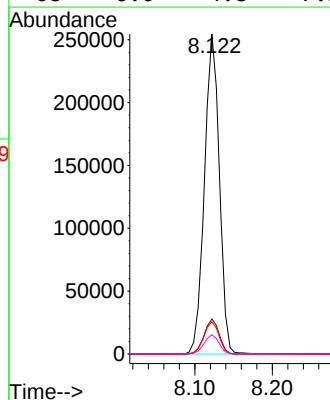
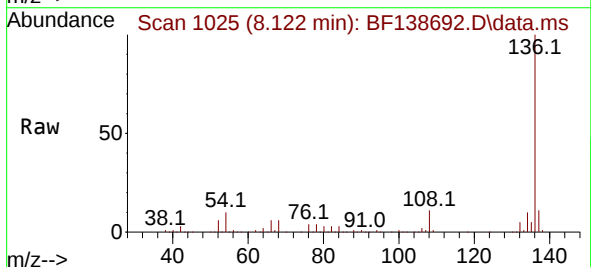
Instrument :
BNA_F
ClientSampleId :
PB162290BL

Tgt Ion: 99 Resp: 997311
Ion Ratio Lower Upper
99 100
42 22.0 17.4 26.0
71 36.5 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: BF138692.D
Acq: 31 Jul 2024 09:29

Tgt Ion: 136 Resp: 340176
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.1 8.6 12.8
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 94.960 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138692.D

Acq: 31 Jul 2024 09:29

Instrument :

BNA_F

ClientSampleId :

PB162290BL

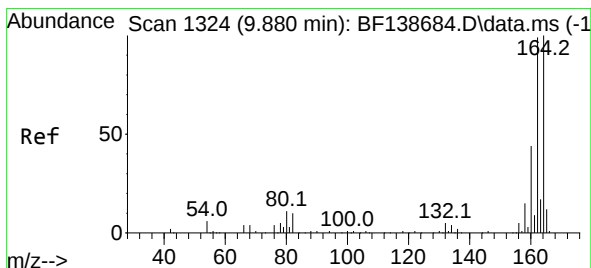
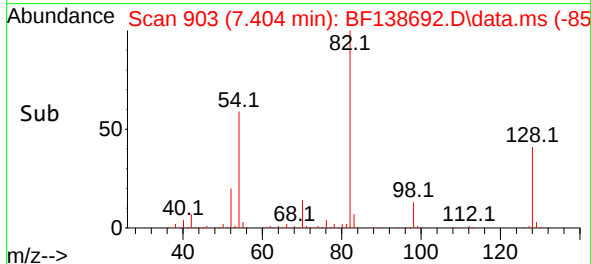
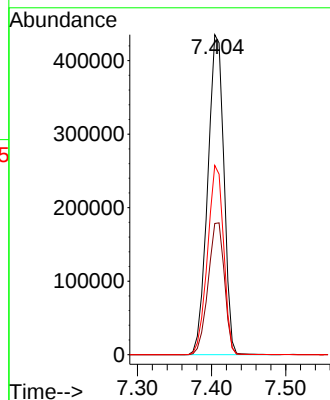
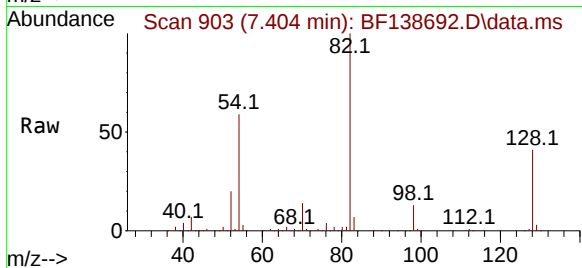
Tgt Ion: 82 Resp: 660715

Ion Ratio Lower Upper

82 100

128 41.0 32.8 49.2

54 59.2 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: BF138692.D

Acq: 31 Jul 2024 09:29

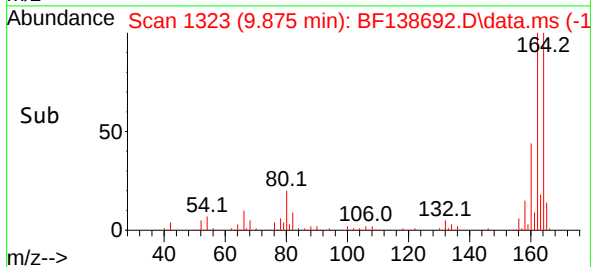
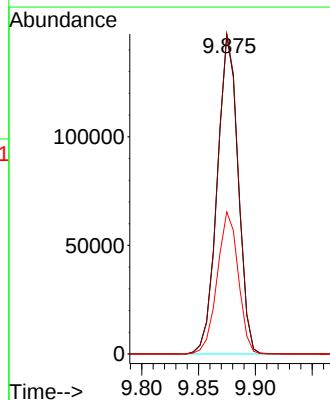
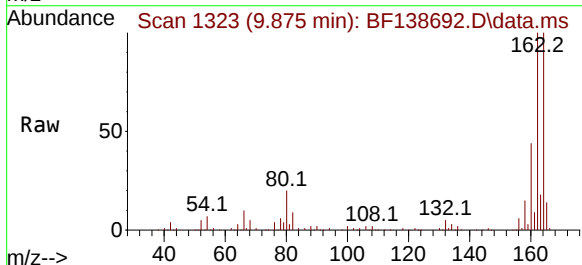
Tgt Ion:164 Resp: 187744

Ion Ratio Lower Upper

164 100

162 100.4 79.4 119.0

160 44.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 151.940 ng

RT: 10.669 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF138692.D

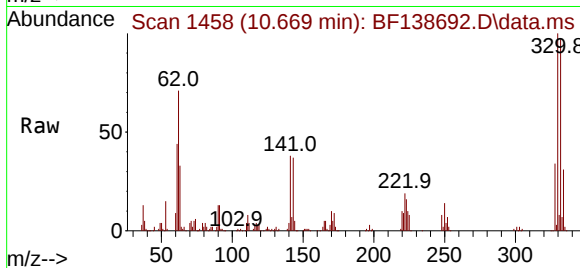
Acq: 31 Jul 2024 09:29

Instrument :

BNA_F

ClientSampleId :

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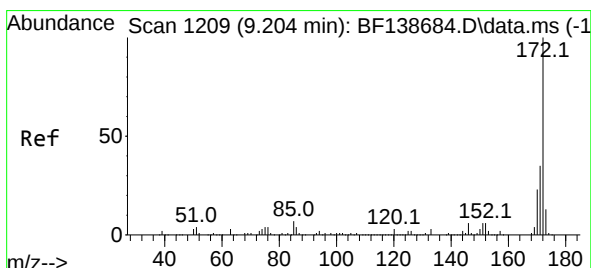
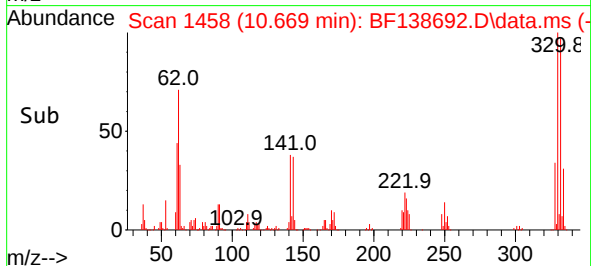
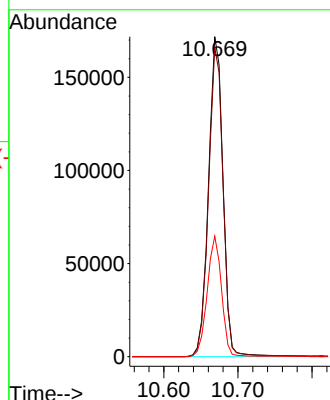
Tgt Ion:330 Resp: 233665

Ion Ratio Lower Upper

330 100

332 96.9 76.4 114.6

141 37.4 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 92.817 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138692.D

Acq: 31 Jul 2024 09:29

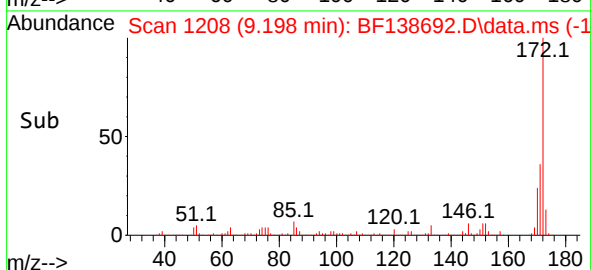
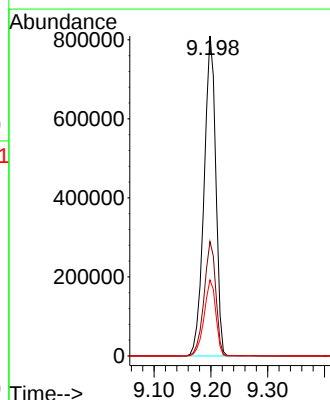
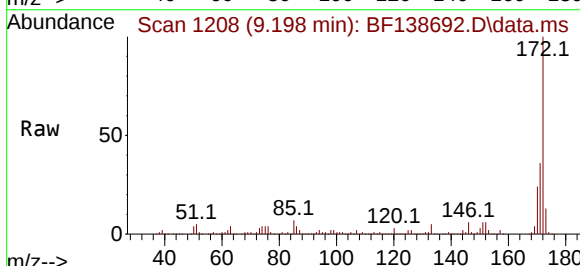
Tgt Ion:172 Resp: 1159795

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.7 18.8 28.2

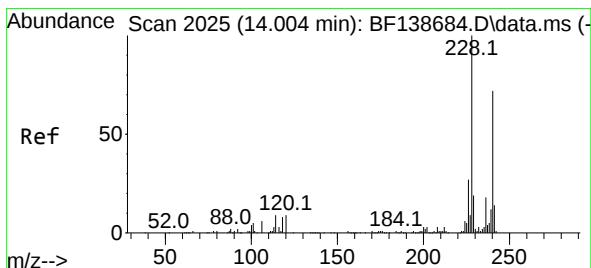
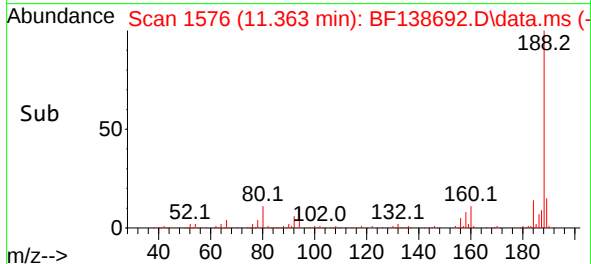
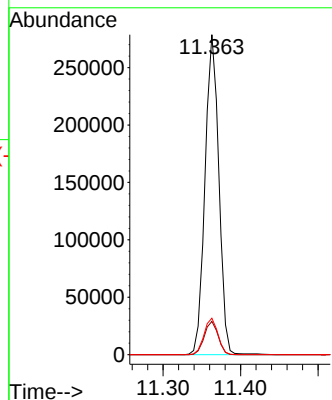
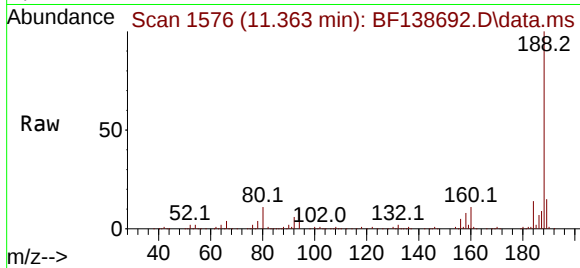




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138692.D
Acq: 31 Jul 2024 09:29

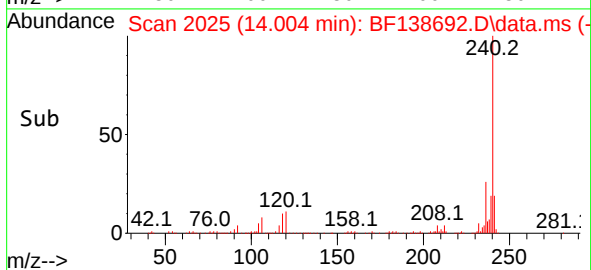
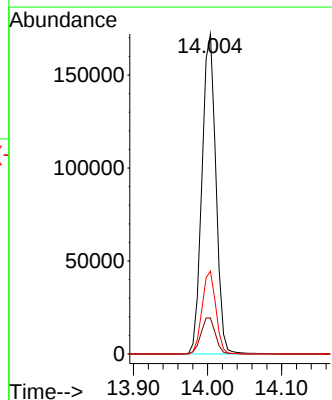
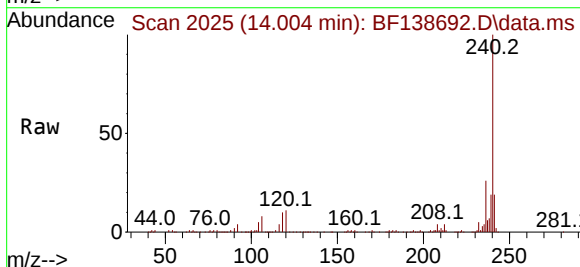
Instrument :
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Tgt Ion:188 Resp: 345013
Ion Ratio Lower Upper
188 100
94 10.4 7.6 11.4
80 11.4 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138692.D
Acq: 31 Jul 2024 09:29

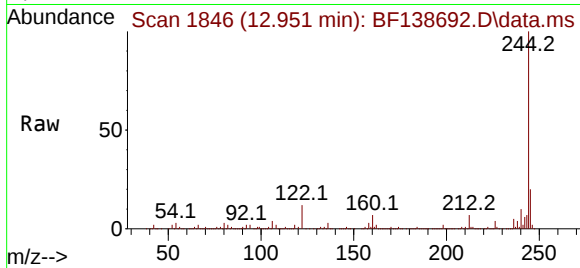
Tgt Ion:240 Resp: 224576
Ion Ratio Lower Upper
240 100
120 11.2 10.2 15.4
236 25.9 19.8 29.8



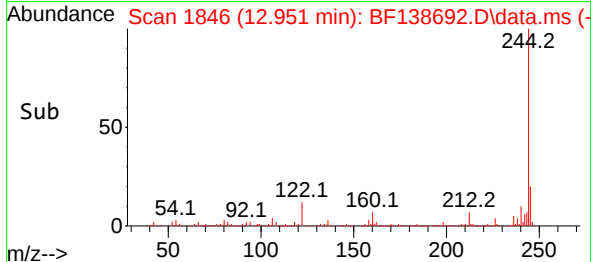
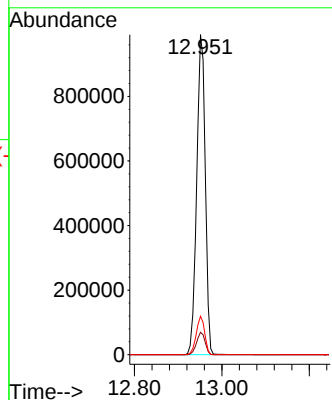


#79
 Terphenyl-d14
 Concen: 100.824 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF138692.D
 Acq: 31 Jul 2024 09:29

Instrument :
 BNA_F
 ClientSampleId :
 PB162290BL



Tgt Ion:244 Resp: 1352396
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 12.0 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF138692.D
 Acq: 31 Jul 2024 09:29

Tgt Ion:264 Resp: 164426
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 21.1 17.0 25.6

