

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138920.D
 Acq On : 10 Aug 2024 20:24
 Operator : RC/JU
 Sample : P3476-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MUL05

Quant Time: Aug 12 01:19:34 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	38106	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	157909	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	85223	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	130427	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	74540	20.000	ng	0.00
86) Perylene-d12	15.462	264	87396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	137418	55.667	ng	0.00
7) Phenol-d6	6.486	99	108796	32.826	ng	0.00
23) Nitrobenzene-d5	7.404	82	302516	93.664	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	93264	133.599	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	530515	93.531	ng	-0.01
79) Terphenyl-d14	12.939	244	366208	82.255	ng	0.00

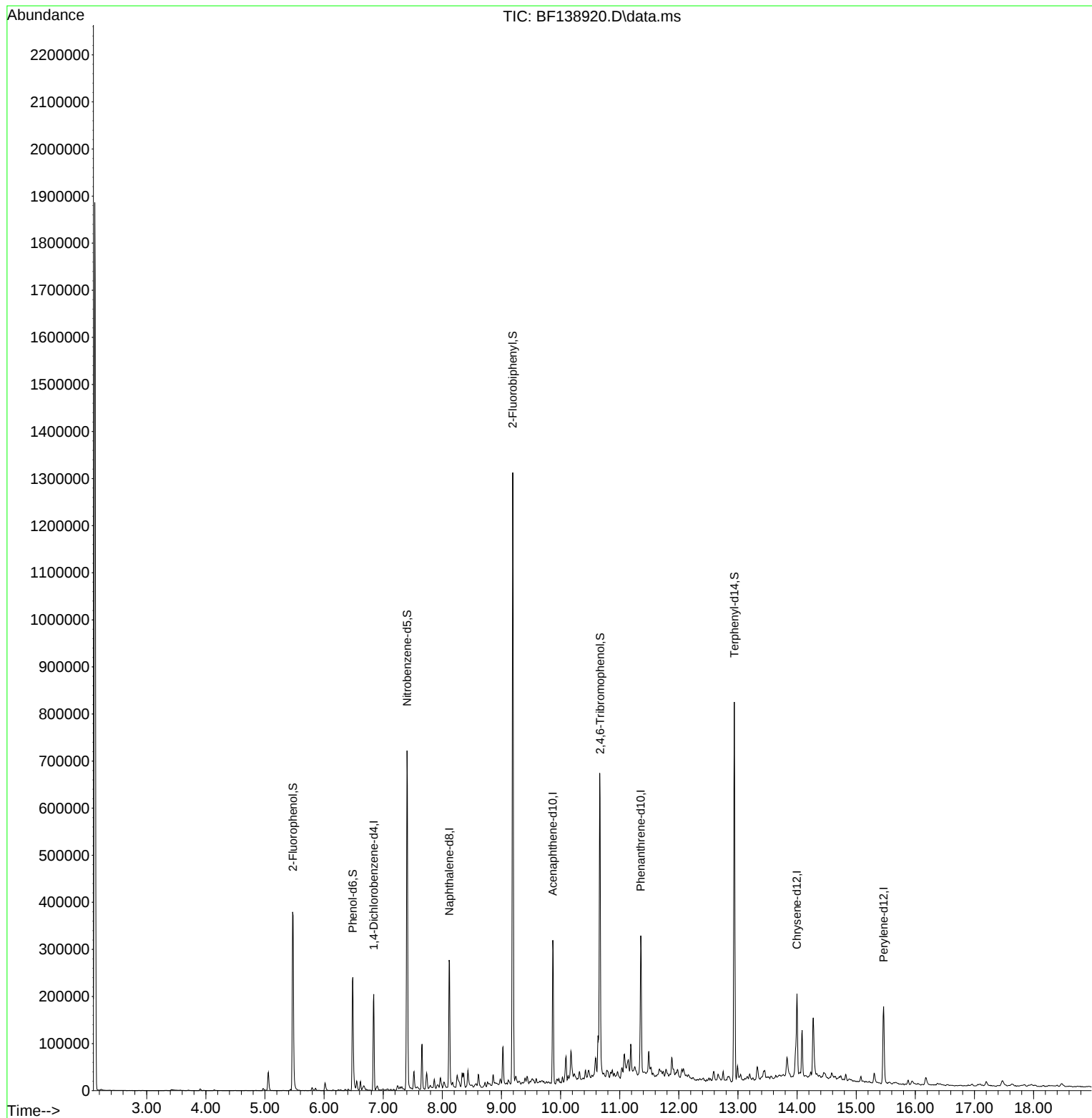
Target Compounds	Qvalue

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

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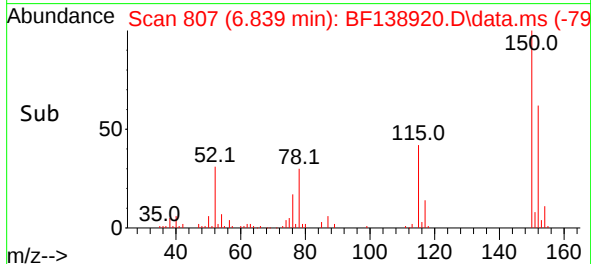
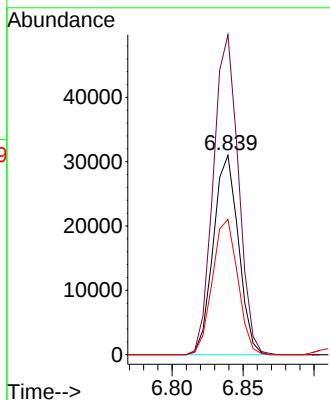
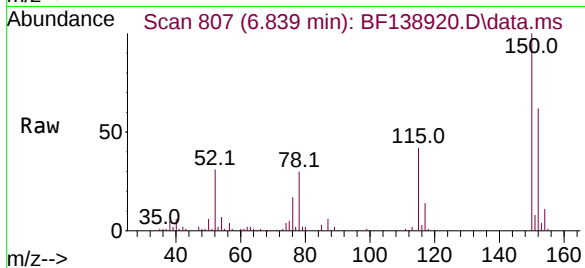




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

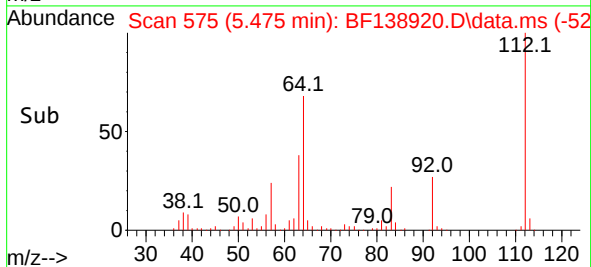
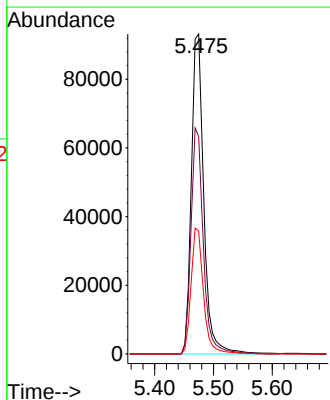
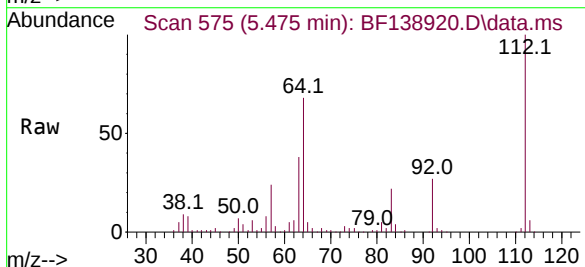
Instrument :
BNA_F
ClientSampleId :
MUL05

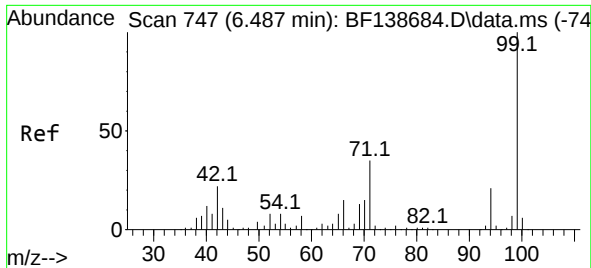
Tgt Ion:152 Resp: 38106
Ion Ratio Lower Upper
152 100
150 160.5 126.0 189.0
115 67.9 51.7 77.5



#5
2-Fluorophenol
Concen: 55.667 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

Tgt Ion:112 Resp: 137418
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 38.4 28.7 43.1

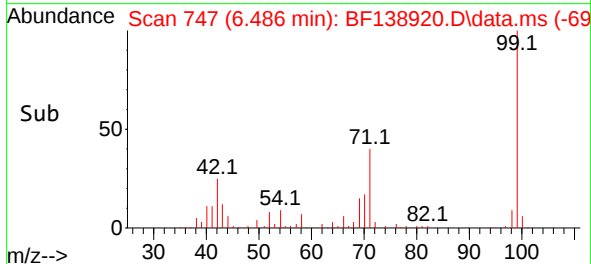
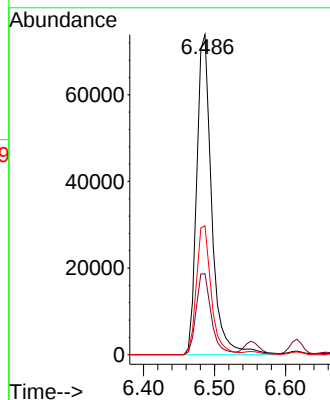
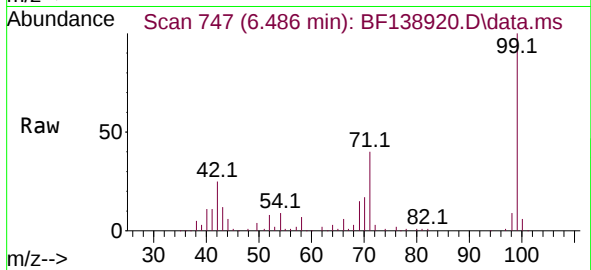




#7
Phenol-d6
Concen: 32.826 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

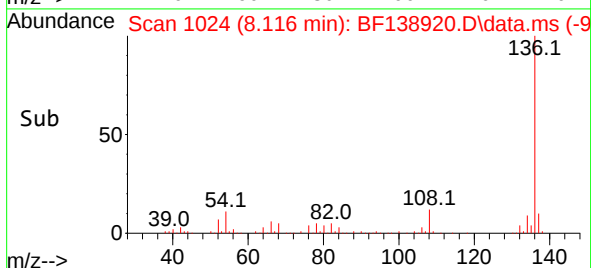
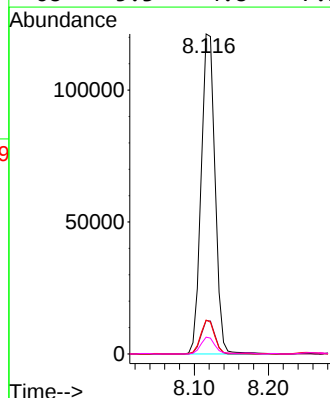
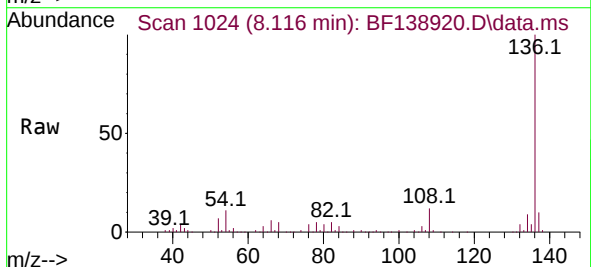
Instrument :
BNA_F
ClientSampleId :
MUL05

Tgt Ion: 99 Resp: 108796
Ion Ratio Lower Upper
99 100
42 25.3 17.4 26.0
71 40.2 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

Tgt Ion: 136 Resp: 157909
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 10.6 8.6 12.8
68 5.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 93.664 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138920.D

Acq: 10 Aug 2024 20:24

Instrument :

BNA_F

ClientSampleId :

MUL05

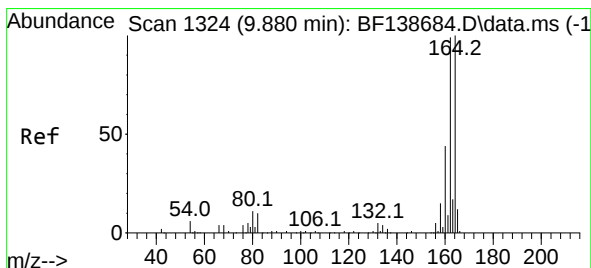
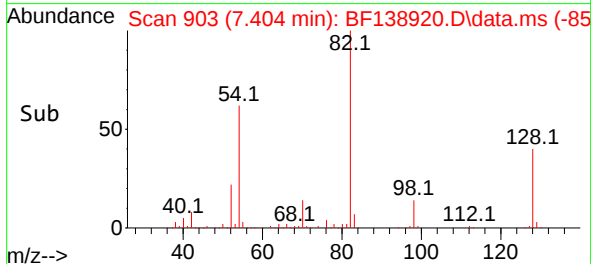
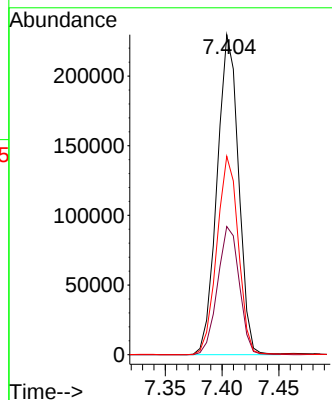
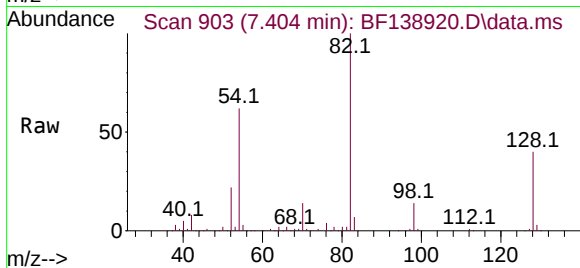
Tgt Ion: 82 Resp: 302516

Ion Ratio Lower Upper

82 100

128 40.0 32.8 49.2

54 62.0 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.011 min

Lab File: BF138920.D

Acq: 10 Aug 2024 20:24

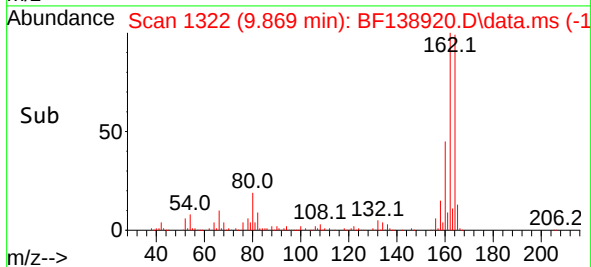
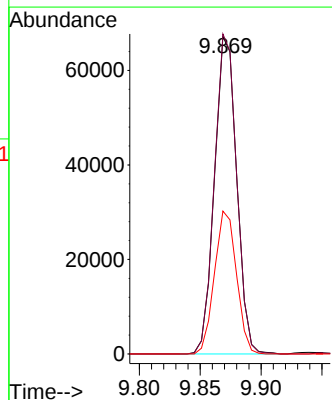
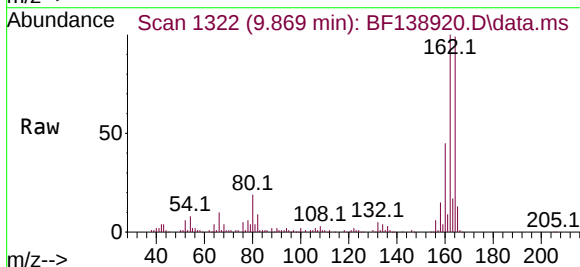
Tgt Ion: 164 Resp: 85223

Ion Ratio Lower Upper

164 100

162 100.8 79.4 119.0

160 45.0 35.1 52.7

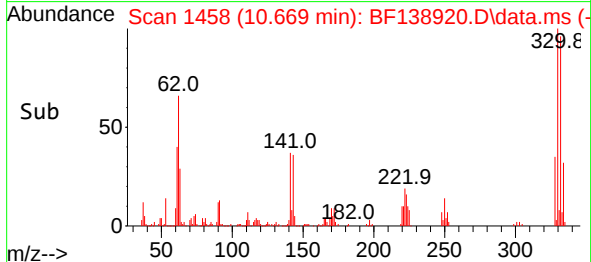
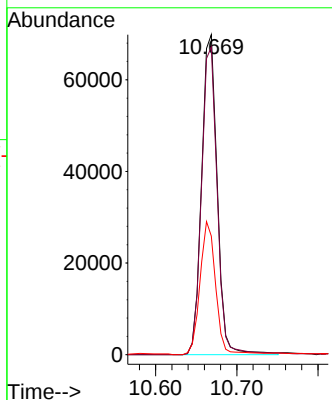
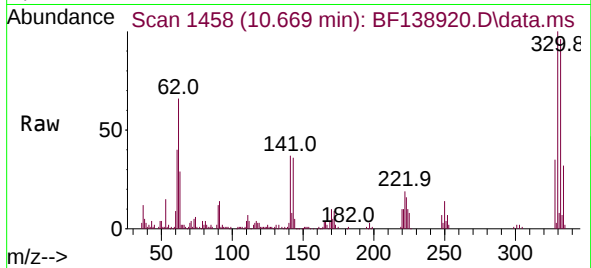




#42
2,4,6-Tribromophenol
Concen: 133.599 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

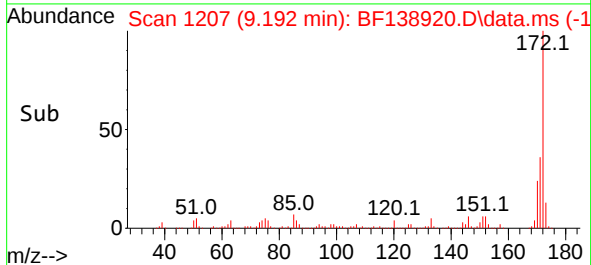
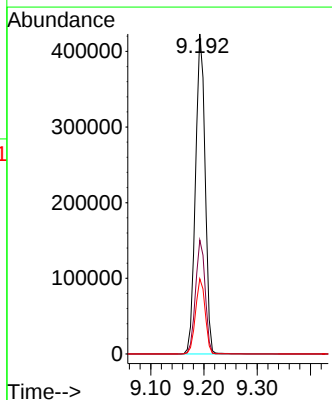
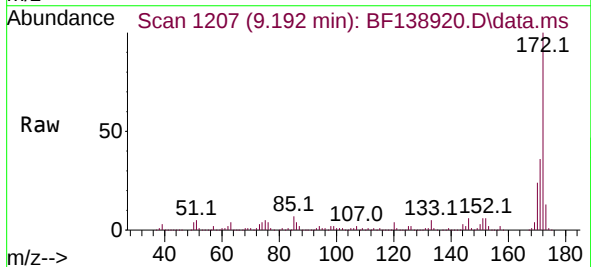
Instrument :
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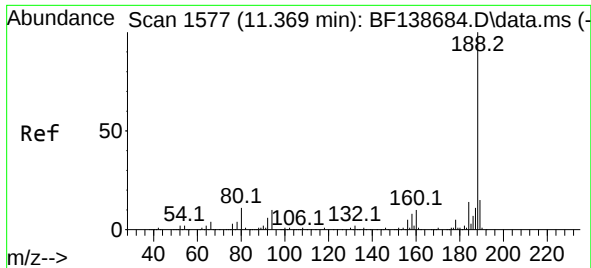
Tgt Ion:330 Resp: 93264
Ion Ratio Lower Upper
330 100
332 96.9 76.4 114.6
141 41.9 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 93.531 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

Tgt Ion:172 Resp: 530515
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 18.8 28.2

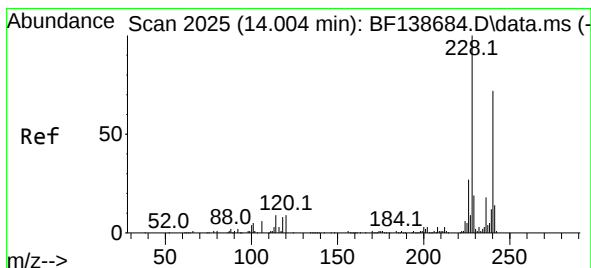
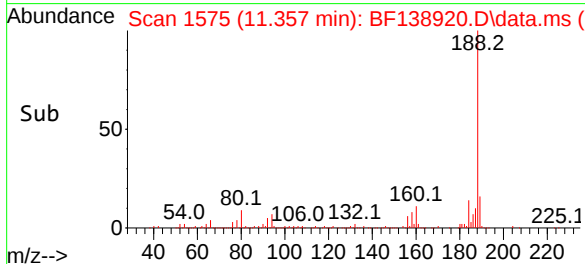
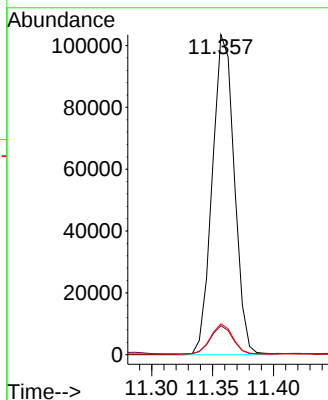
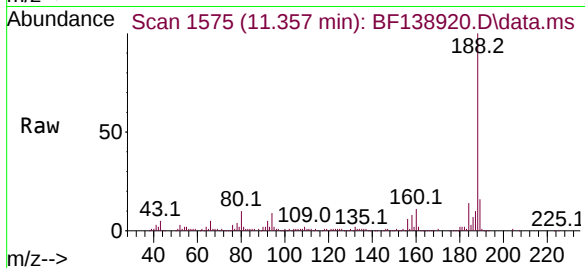




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

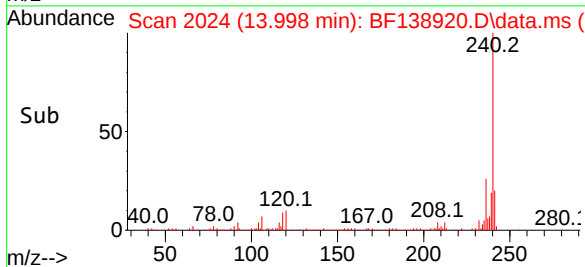
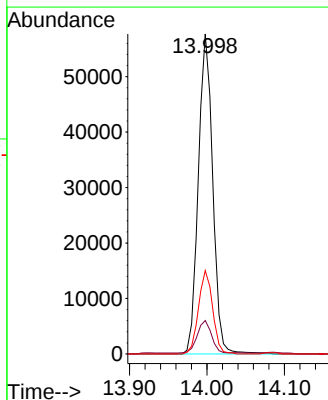
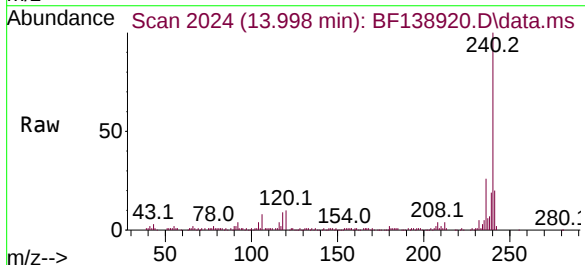
Instrument :
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ClientSampleId :
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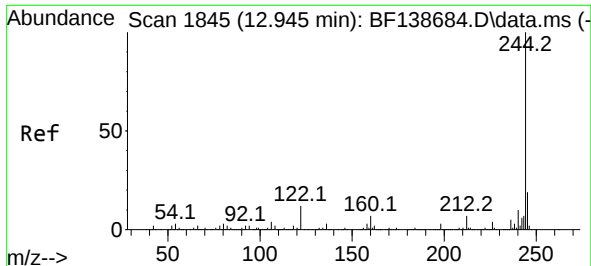
Tgt Ion:188 Resp: 130427
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.7 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138920.D
Acq: 10 Aug 2024 20:24

Tgt Ion:240 Resp: 74540
Ion Ratio Lower Upper
240 100
120 10.5 10.2 15.4
236 26.0 19.8 29.8

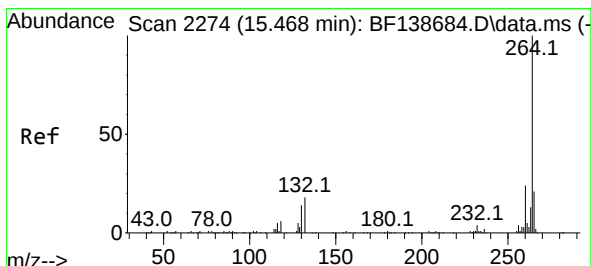
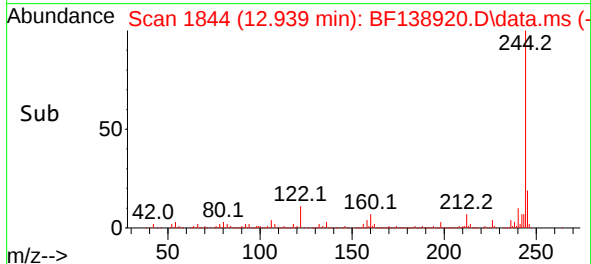
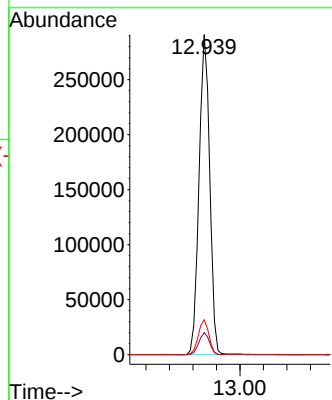
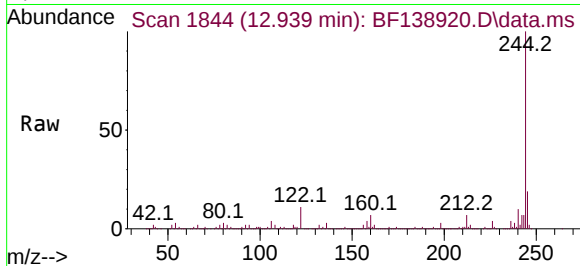




#79
 Terphenyl-d14
 Concen: 82.255 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138920.D
 Acq: 10 Aug 2024 20:24

Instrument :
 BNA_F
 ClientSampleId :
 MUL05

Tgt Ion:244 Resp: 366208
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.9 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF138920.D
 Acq: 10 Aug 2024 20:24

Tgt Ion:264 Resp: 87396
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.2 17.0 25.6

