

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138917.D
 Acq On : 10 Aug 2024 18:53
 Operator : RC/JU
 Sample : P3466-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 924-K1-WP0-0.25-080224

Quant Time: Aug 12 01:17:44 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	40983	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	169106	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	94281	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	148060	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	71760	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	93477	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	165544	62.353	ng	0.00
7) Phenol-d6	6.481	99	141048	39.570	ng	0.00
23) Nitrobenzene-d5	7.404	82	301791	87.253	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	101905	131.952	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	544333	86.747	ng	-0.01
79) Terphenyl-d14	12.939	244	404228	94.312	ng	0.00

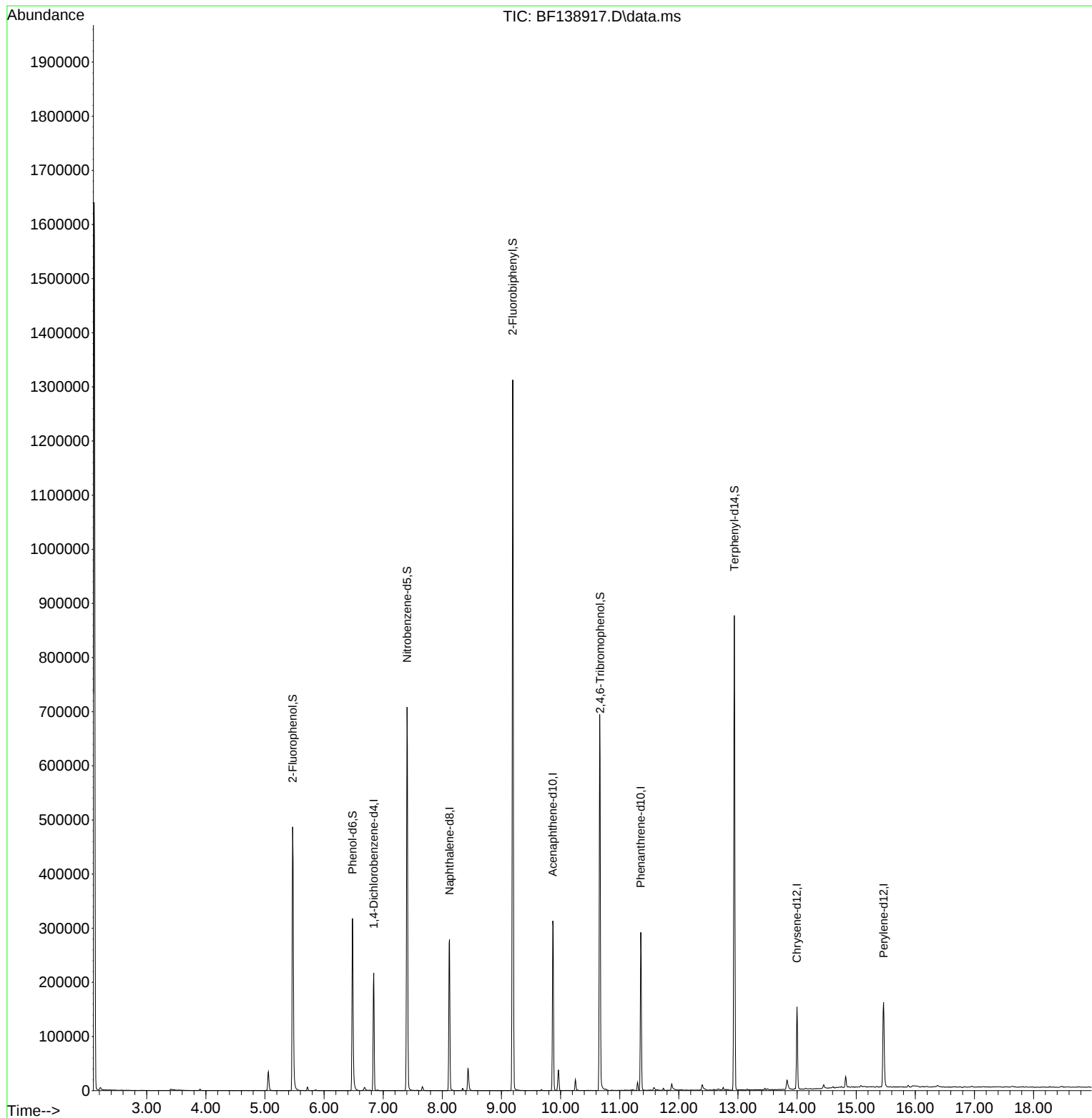
Target Compounds	Qvalue

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

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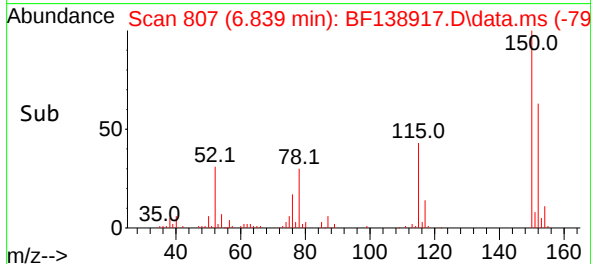
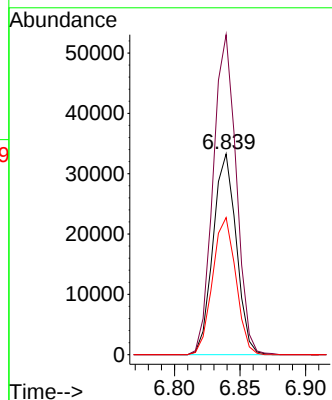
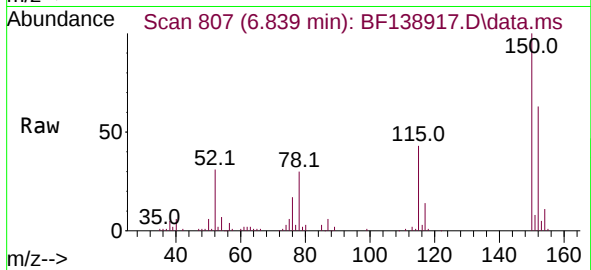




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138917.D
Acq: 10 Aug 2024 18:53

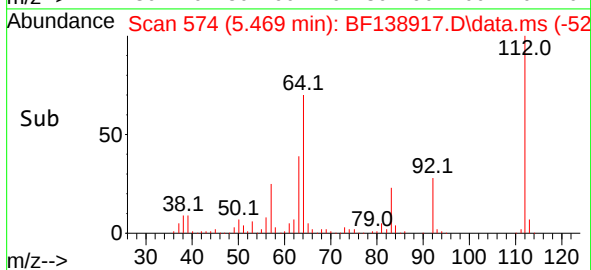
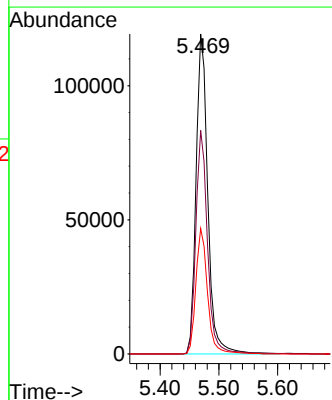
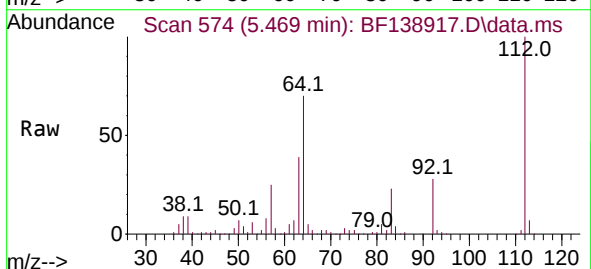
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224

Tgt Ion:152 Resp: 40983
Ion Ratio Lower Upper
152 100
150 159.4 126.0 189.0
115 68.3 51.7 77.5



#5
2-Fluorophenol
Concen: 62.353 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138917.D
Acq: 10 Aug 2024 18:53

Tgt Ion:112 Resp: 165544
Ion Ratio Lower Upper
112 100
64 69.8 54.2 81.4
63 39.2 28.7 43.1

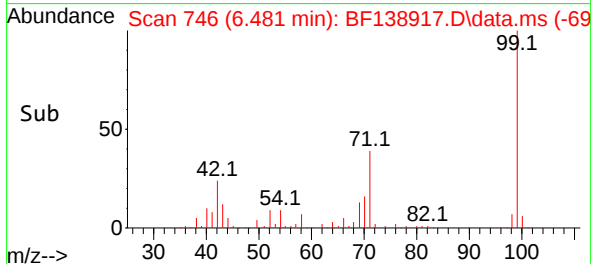
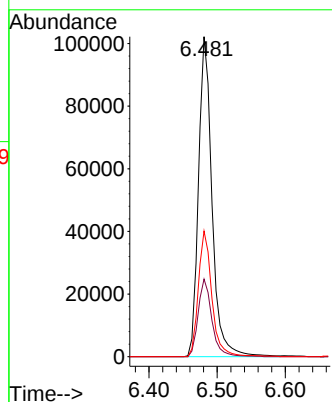
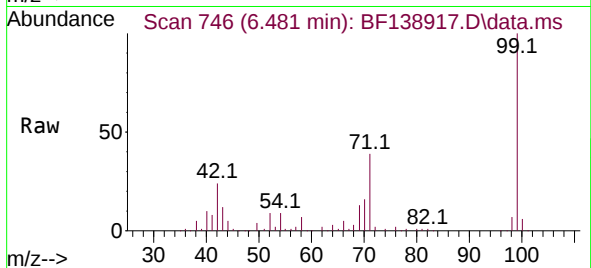




#7
Phenol-d6
Concen: 39.570 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138917.D
Acq: 10 Aug 2024 18:53

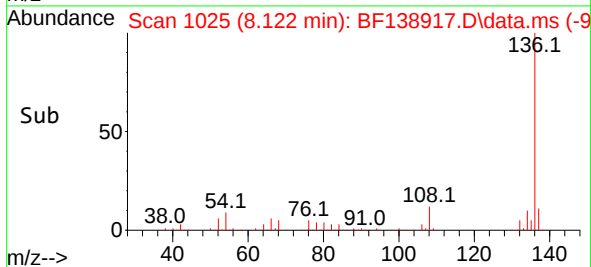
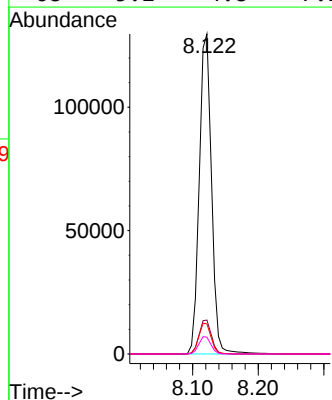
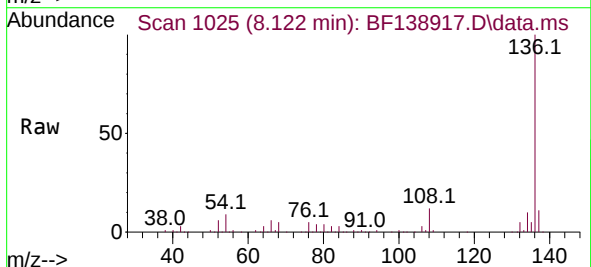
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224

Tgt Ion: 99 Resp: 141048
Ion Ratio Lower Upper
99 100
42 24.2 17.4 26.0
71 39.3 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: BF138917.D
Acq: 10 Aug 2024 18:53

Tgt Ion: 136 Resp: 169106
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.4 8.6 12.8
68 5.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 87.253 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138917.D

Acq: 10 Aug 2024 18:53

Instrument :

BNA_F

ClientSampleId :

924-K1-WP0-0.25-080224

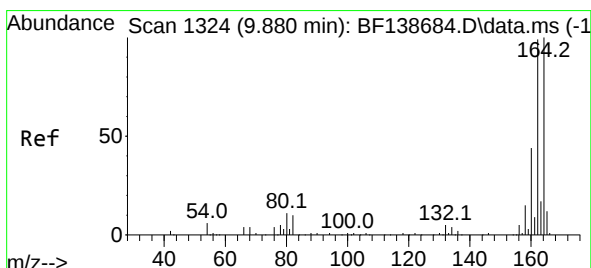
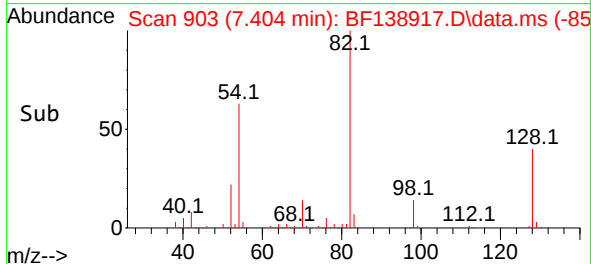
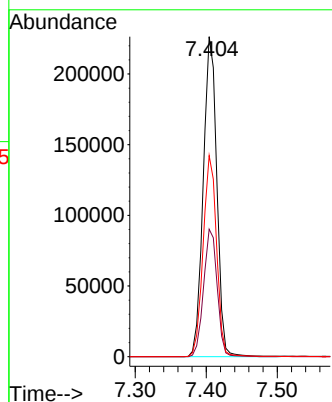
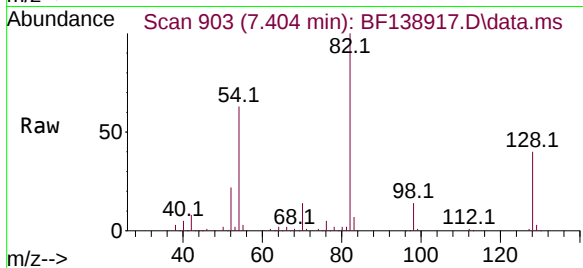
Tgt Ion: 82 Resp: 301791

Ion Ratio Lower Upper

82 100

128 39.8 32.8 49.2

54 62.8 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: BF138917.D

Acq: 10 Aug 2024 18:53

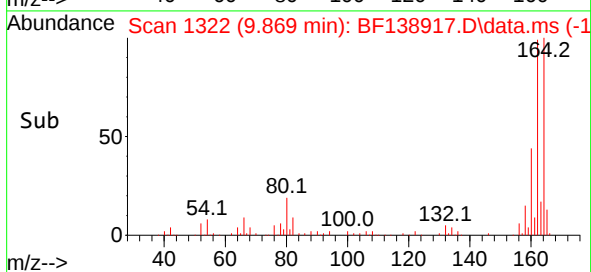
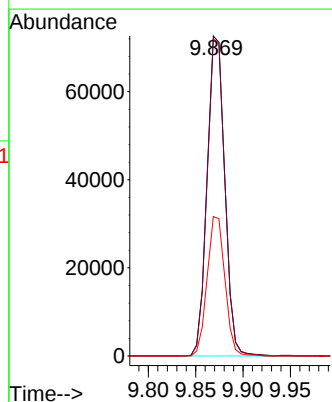
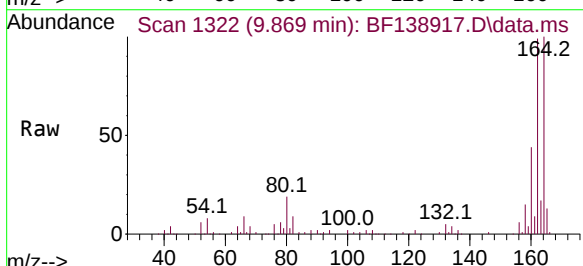
Tgt Ion: 164 Resp: 94281

Ion Ratio Lower Upper

164 100

162 99.0 79.4 119.0

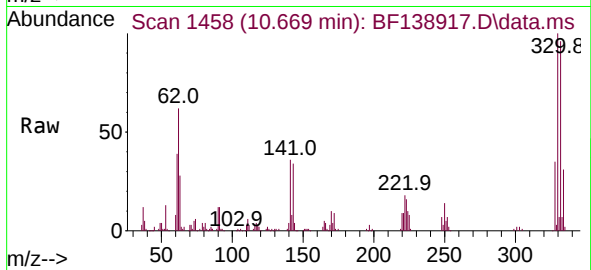
160 43.6 35.1 52.7



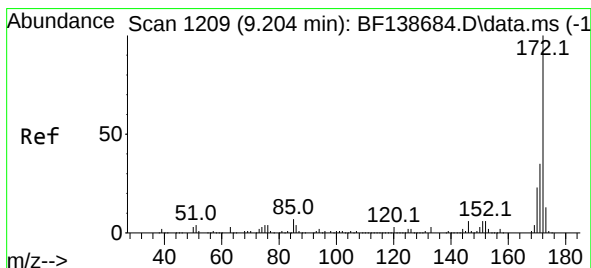
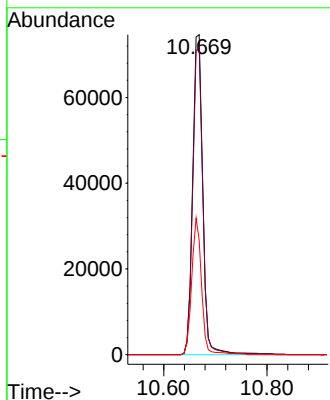
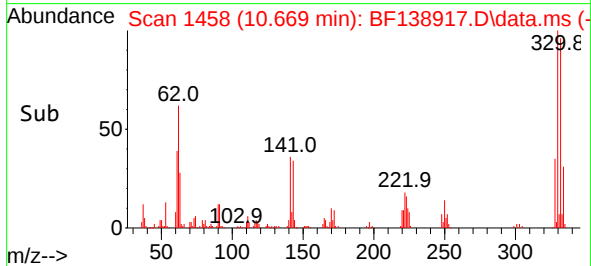


#42
2,4,6-Tribromophenol
Concen: 131.952 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138917.D
Acq: 10 Aug 2024 18:53

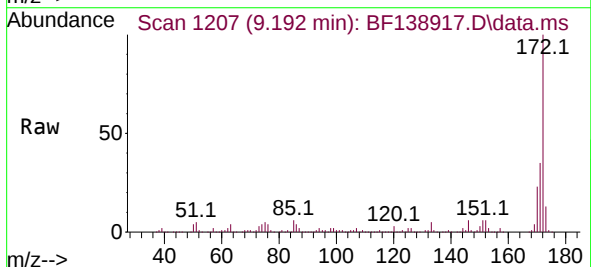
Instrument :
BNA_F
ClientSampleId :
924-K1-WP0-0.25-080224



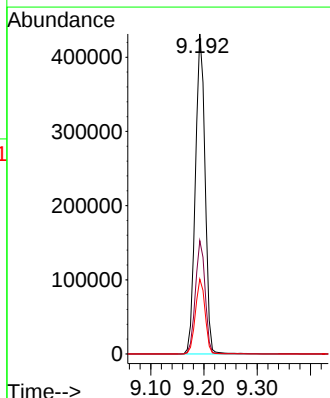
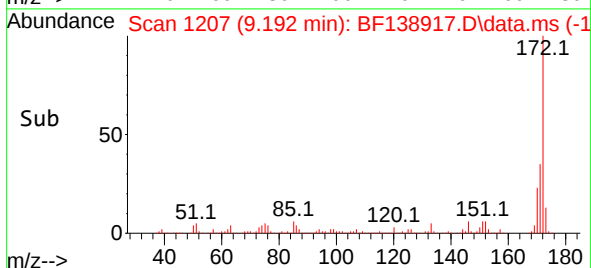
Tgt Ion:330 Resp: 101905
Ion Ratio Lower Upper
330 100
332 95.2 76.4 114.6
141 41.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 86.747 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138917.D
Acq: 10 Aug 2024 18:53



Tgt Ion:172 Resp: 544333
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.4 18.8 28.2

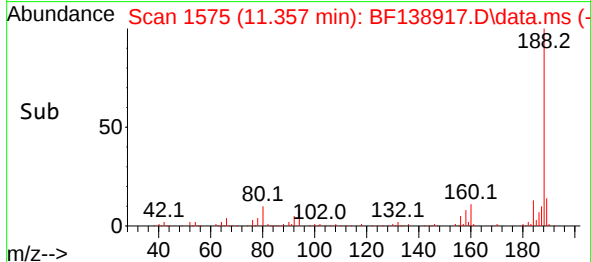
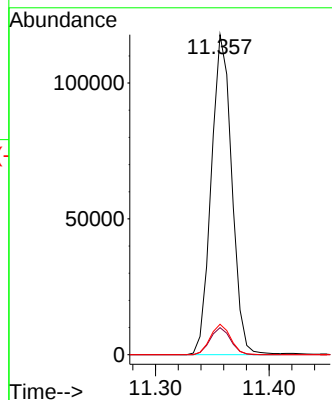
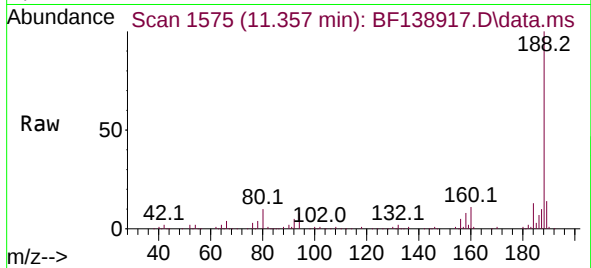




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138917.D
Acq: 10 Aug 2024 18:53

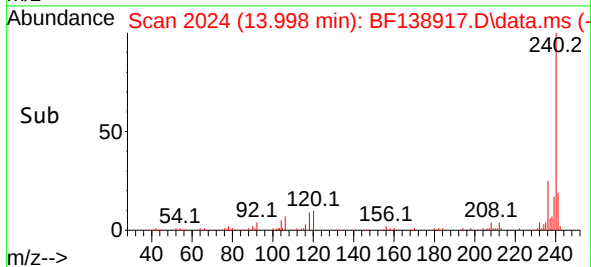
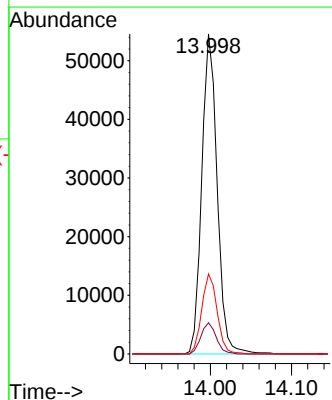
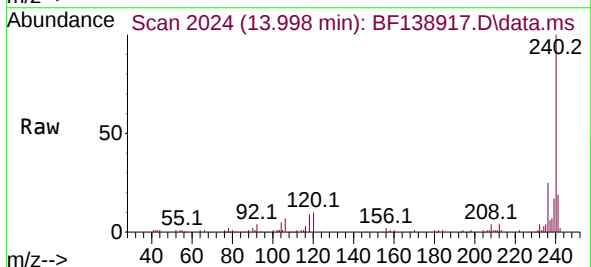
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Tgt Ion:188 Resp: 148060
Ion Ratio Lower Upper
188 100
94 8.5 7.6 11.4
80 9.5 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138917.D
Acq: 10 Aug 2024 18:53

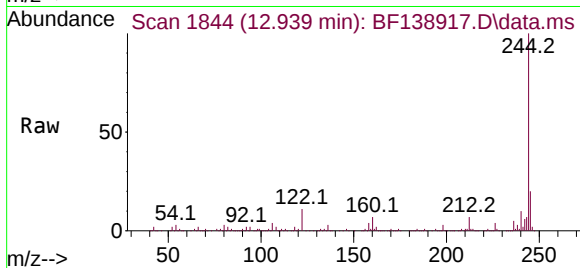
Tgt Ion:240 Resp: 71760
Ion Ratio Lower Upper
240 100
120 9.8 10.2 15.4#
236 25.0 19.8 29.8



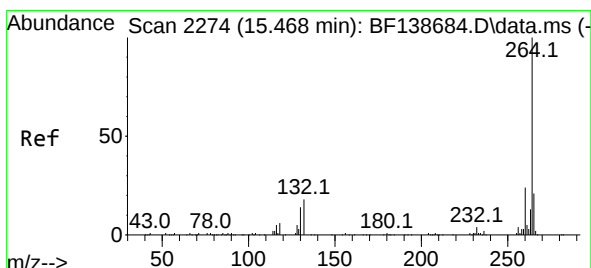
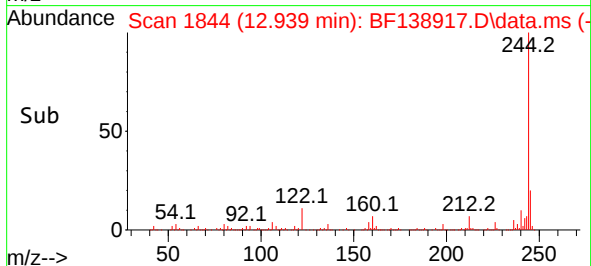
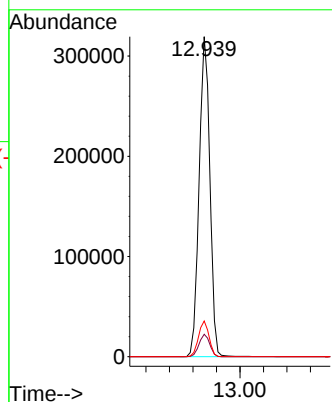


#79
 Terphenyl-d14
 Concen: 94.312 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138917.D
 Acq: 10 Aug 2024 18:53

Instrument :
 BNA_F
 ClientSampleId :
 924-K1-WP0-0.25-080224



Tgt Ion:244 Resp: 404228
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.2 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: BF138917.D
 Acq: 10 Aug 2024 18:53

Tgt Ion:264 Resp: 93477
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.6 17.0 25.6

