

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
Data File : BF138912.D
Acq On : 10 Aug 2024 16:20
Operator : RC/JU
Sample : P3466-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 12 01:16:21 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	35364	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	145974	20.000	ng	#-0.01
39) Acenaphthene-d10	9.869	164	79593	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	131212	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	62865	20.000	ng	0.00
86) Perylene-d12	15.463	264	75793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	216435	94.475	ng	0.00
7) Phenol-d6	6.481	99	199754	64.944	ng	0.00
23) Nitrobenzene-d5	7.404	82	318857	106.795	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	109058	167.274	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	565239	106.702	ng	-0.01
79) Terphenyl-d14	12.939	244	466024	124.115	ng	0.00

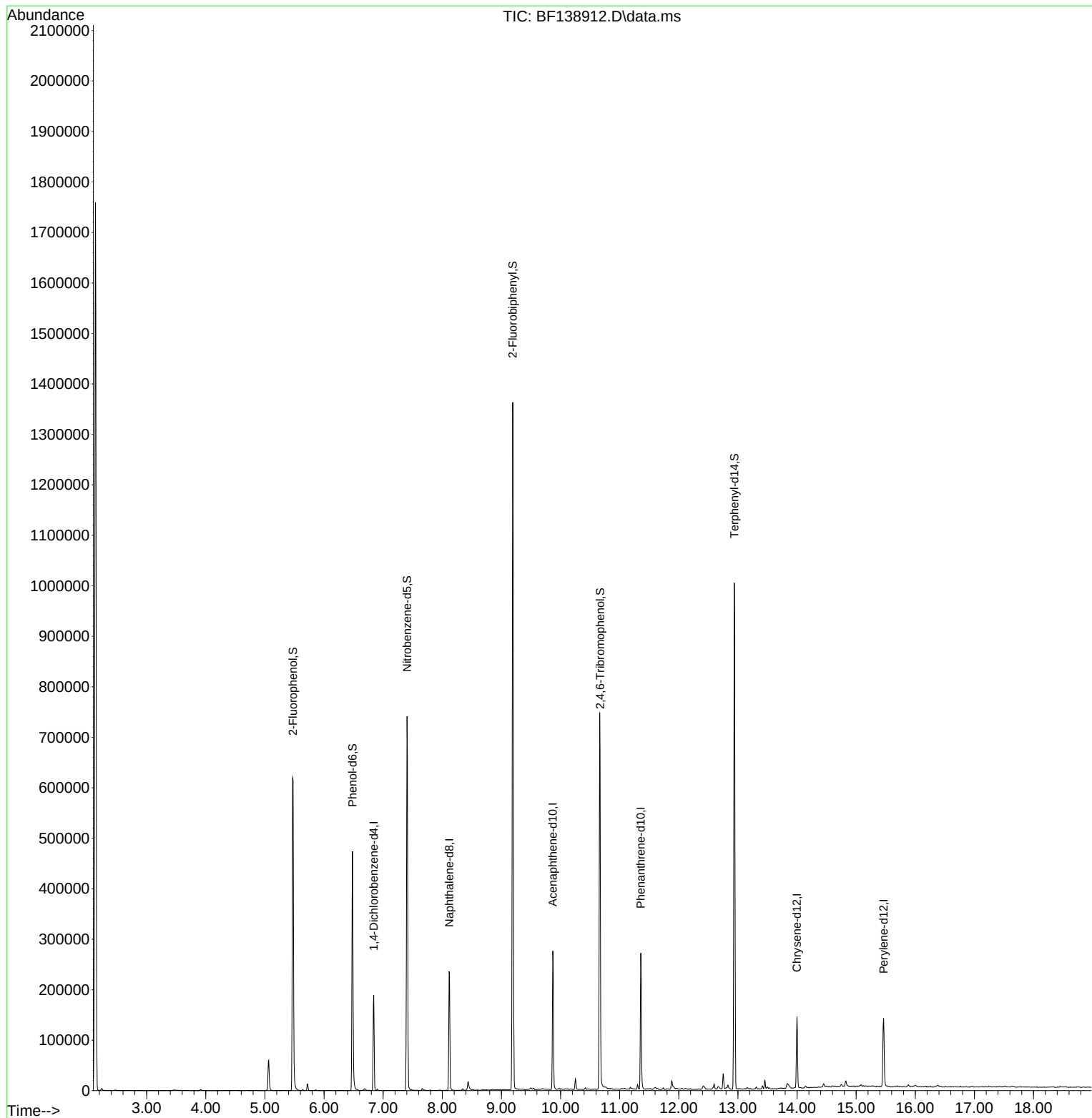
Target Compounds	Qvalue

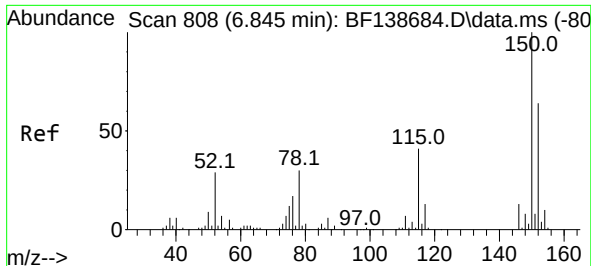
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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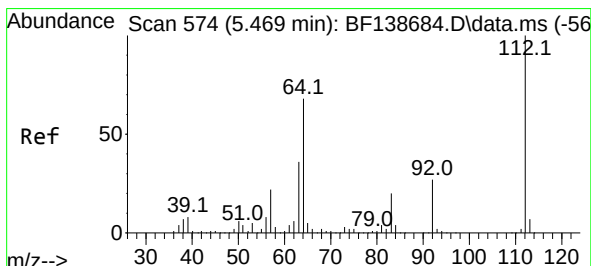
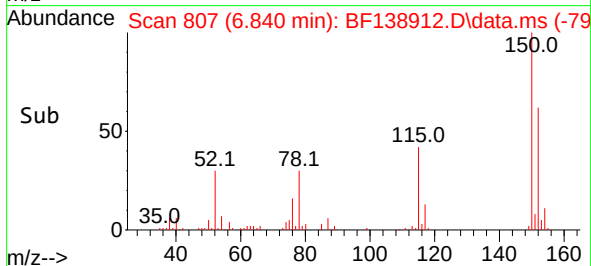
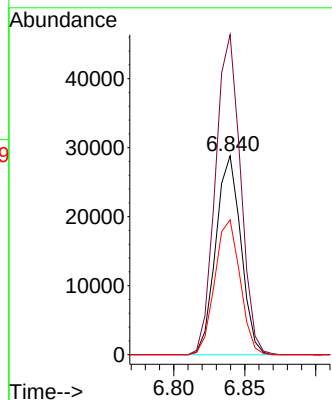
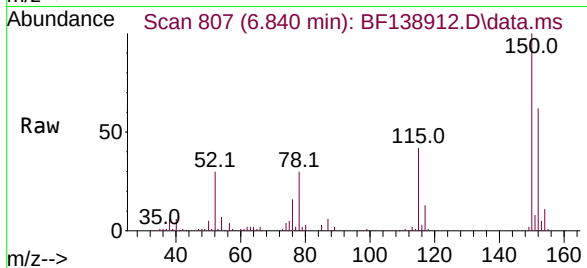




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

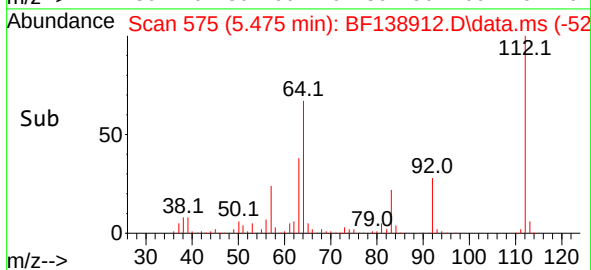
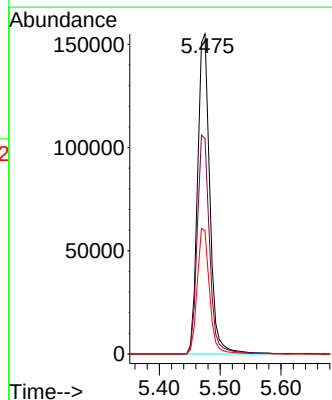
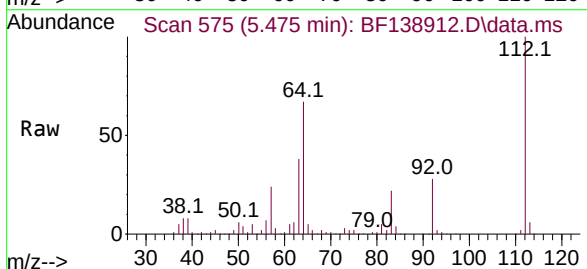
Instrument :
BNA_F
ClientSampleId :
932-K1-WP0-0.25-080224

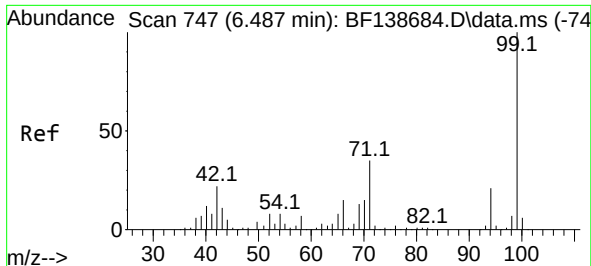
Tgt Ion:152 Resp: 35364
Ion Ratio Lower Upper
152 100
150 161.0 126.0 189.0
115 67.8 51.7 77.5



#5
2-Fluorophenol
Concen: 94.475 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

Tgt Ion:112 Resp: 216435
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.4
63 38.4 28.7 43.1

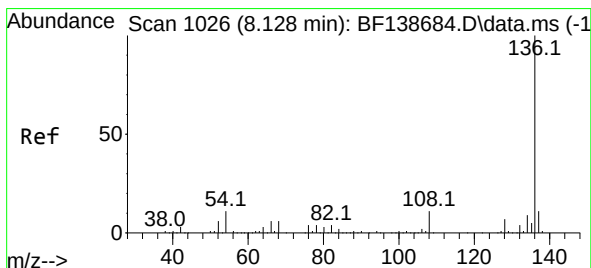
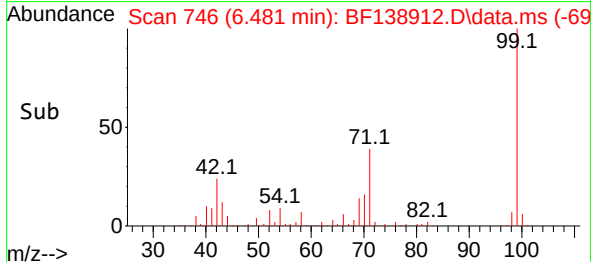
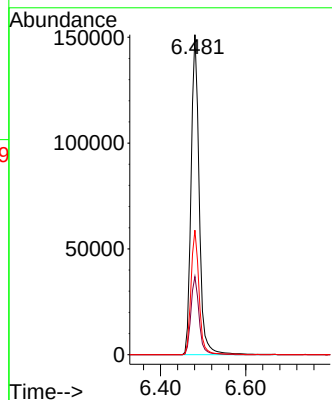
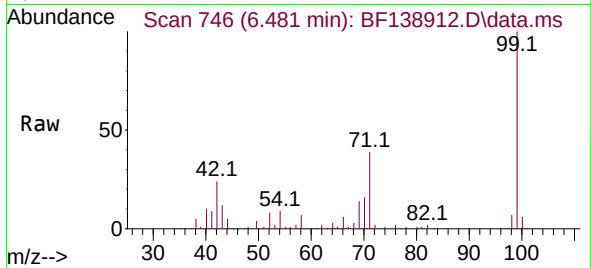




#7
Phenol-d6
Concen: 64.944 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

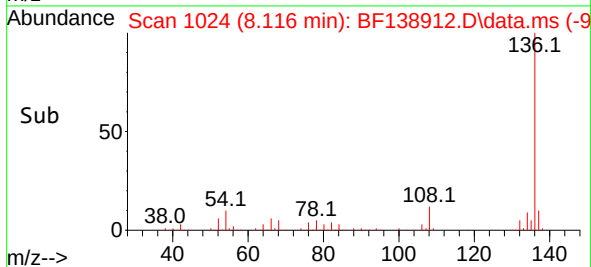
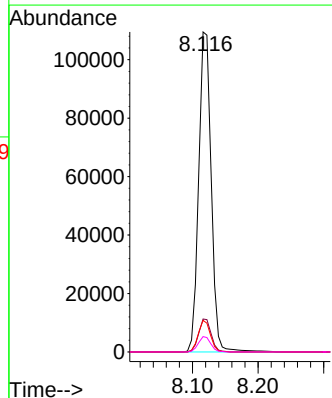
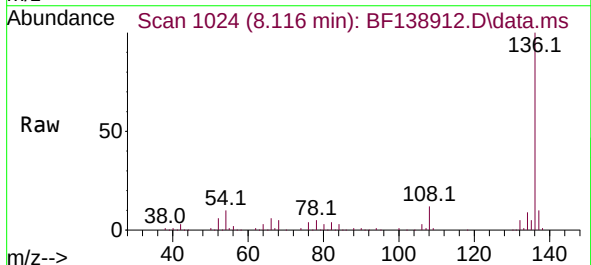
Instrument :
BNA_F
ClientSampleId :
932-K1-WP0-0.25-080224

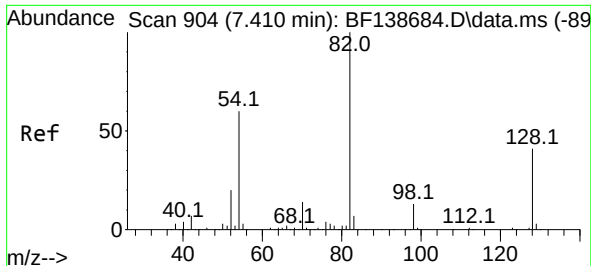
Tgt Ion: 99 Resp: 199754
Ion Ratio Lower Upper
99 100
42 24.4 17.4 26.0
71 38.9 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

Tgt Ion: 136 Resp: 145974
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 9.8 8.6 12.8
68 4.8 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 106.795 ng

RT: 7.404 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF138912.D

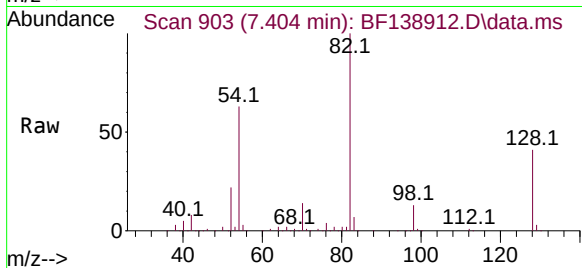
Acq: 10 Aug 2024 16:20

Instrument :

BNA_F

ClientSampleId :

932-K1-WP0-0.25-080224



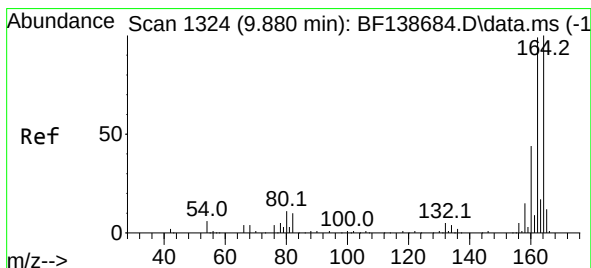
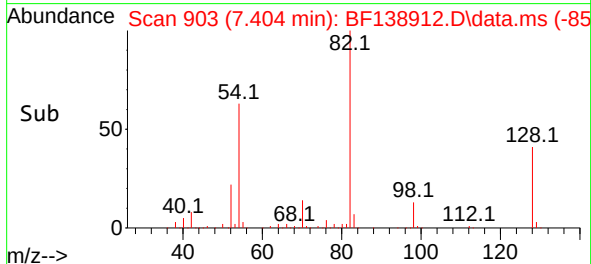
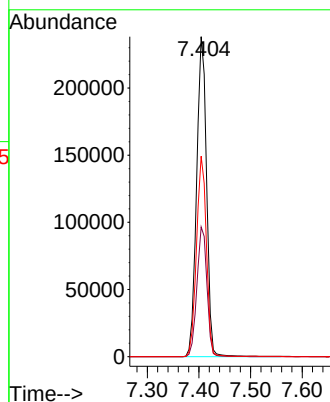
Tgt Ion: 82 Resp: 318857

Ion Ratio Lower Upper

82 100

128 40.5 32.8 49.2

54 62.6 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: BF138912.D

Acq: 10 Aug 2024 16:20

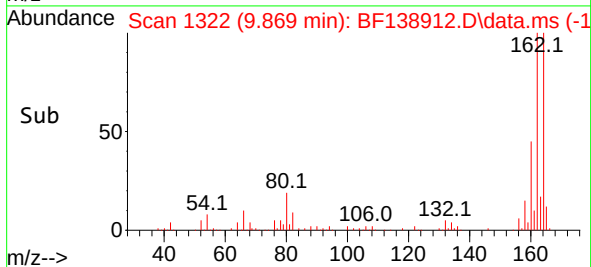
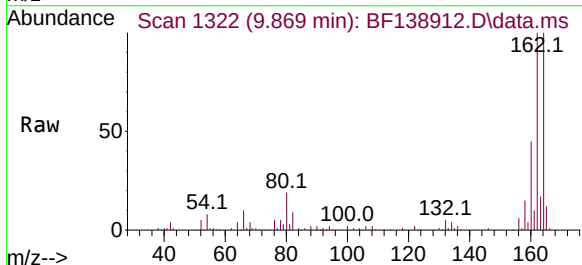
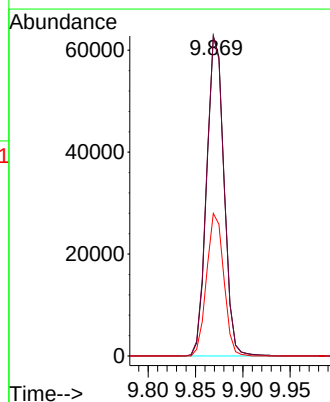
Tgt Ion: 164 Resp: 79593

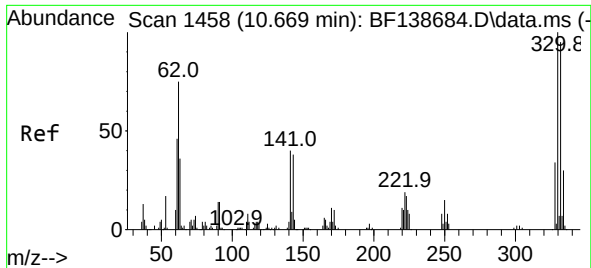
Ion Ratio Lower Upper

164 100

162 100.0 79.4 119.0

160 44.5 35.1 52.7

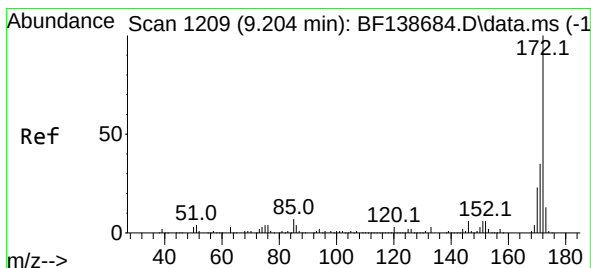
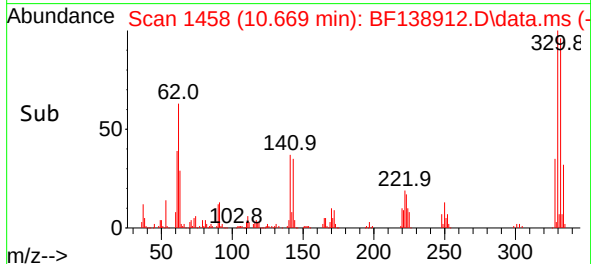
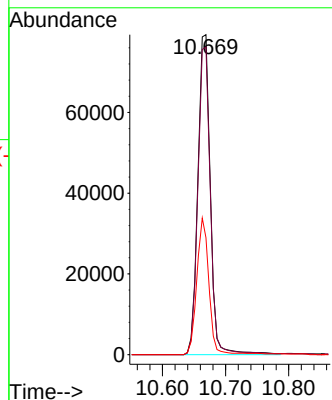
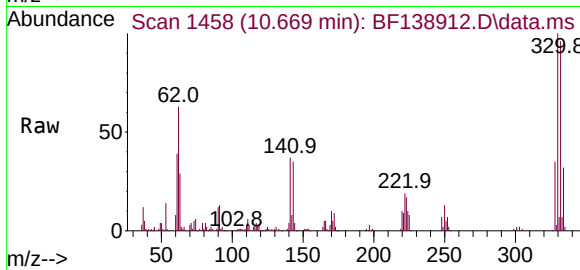




#42
2,4,6-Tribromophenol
Concen: 167.274 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

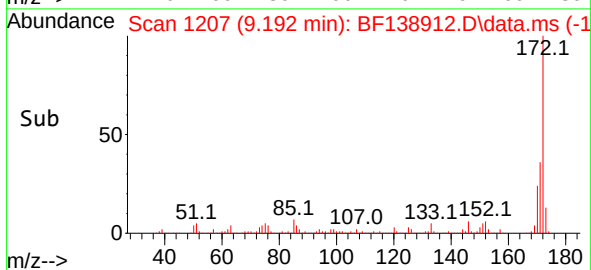
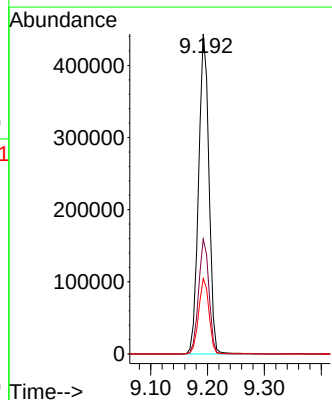
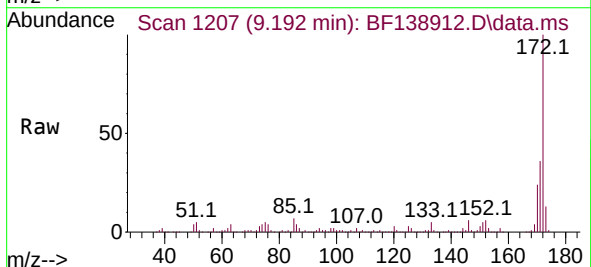
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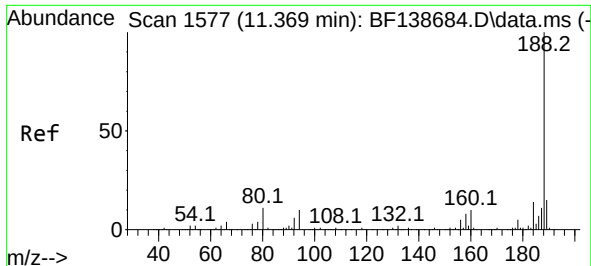
Tgt Ion:330 Resp: 109058
Ion Ratio Lower Upper
330 100
332 96.0 76.4 114.6
141 41.7 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 106.702 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

Tgt Ion:172 Resp: 565239
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.6 18.8 28.2

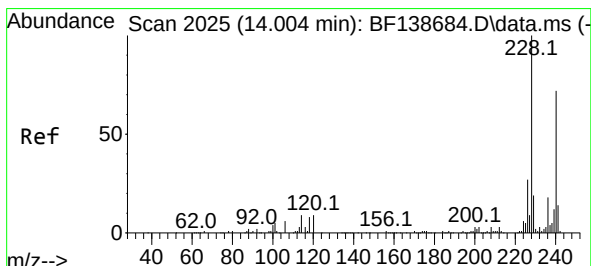
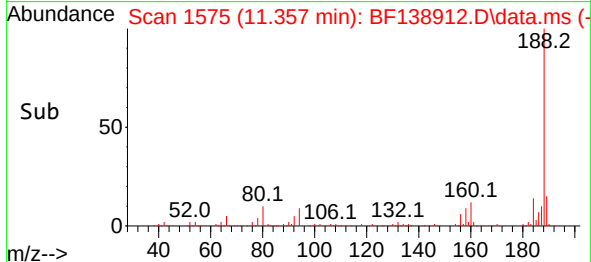
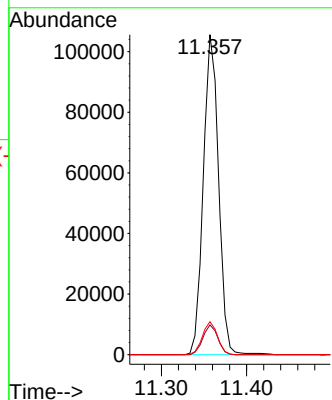
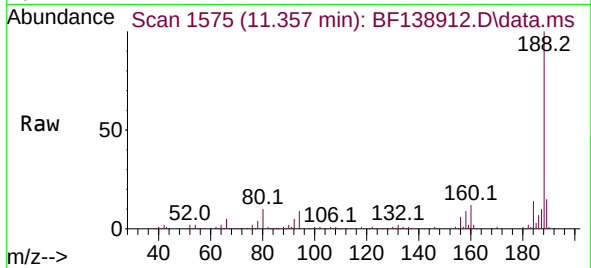




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

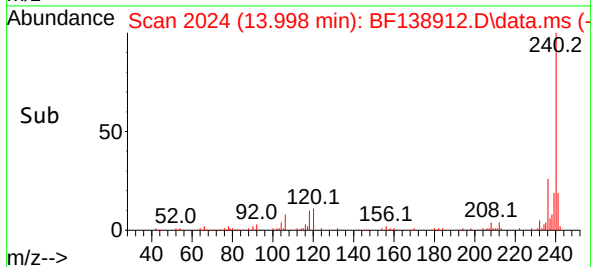
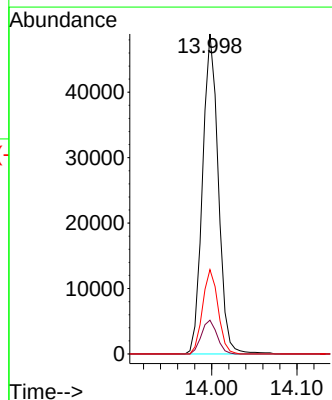
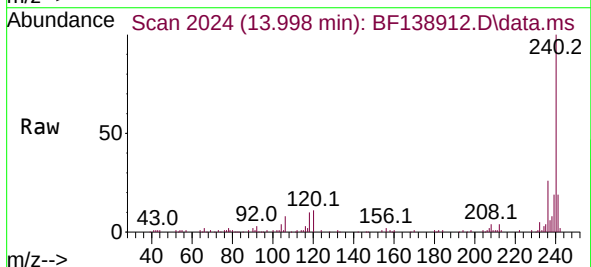
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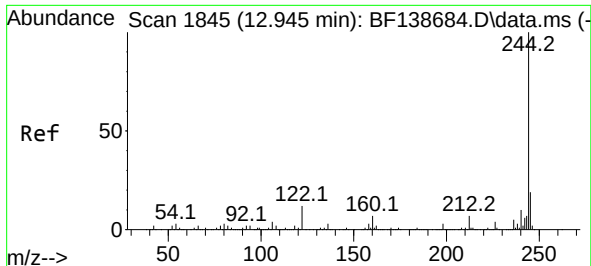
Tgt Ion:188 Resp: 131212
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 10.3 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138912.D
Acq: 10 Aug 2024 16:20

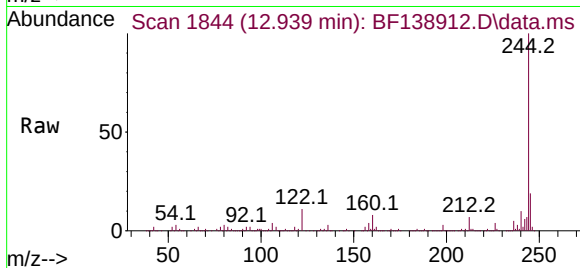
Tgt Ion:240 Resp: 62865
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.4
236 26.4 19.8 29.8



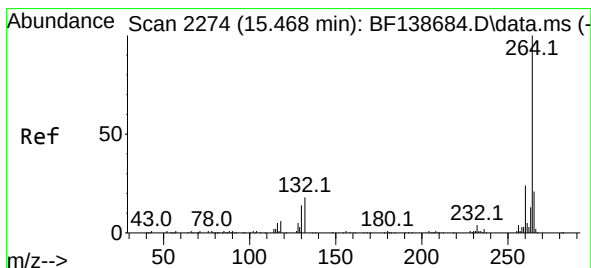
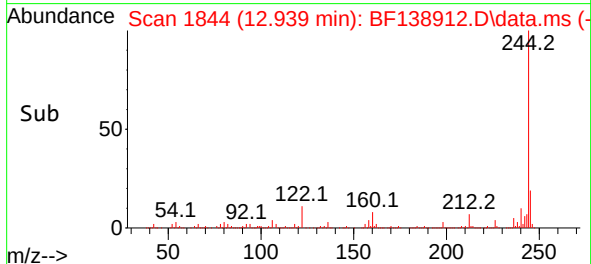
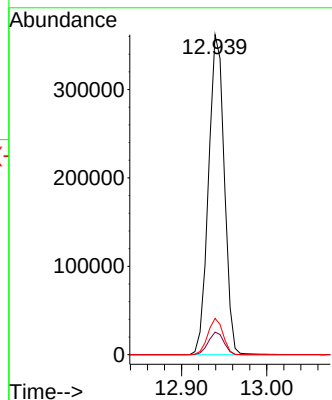


#79
 Terphenyl-d14
 Concen: 124.115 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138912.D
 Acq: 10 Aug 2024 16:20

Instrument :
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Tgt Ion:244 Resp: 466024
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.4 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: BF138912.D
 Acq: 10 Aug 2024 16:20

Tgt Ion:264 Resp: 75793
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.0 28.6
 265 21.3 17.0 25.6

