

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138915.D
 Acq On : 10 Aug 2024 17:52
 Operator : RC/JU
 Sample : P3457-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 924-K1-WS-080224

Quant Time: Aug 12 01:17:11 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	39664	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	160989	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	89864	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	156314	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	70605	20.000	ng	0.00
86) Perylene-d12	15.463	264	83219	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	144726	56.325	ng	0.00
7) Phenol-d6	6.481	99	114405	33.163	ng	0.00
23) Nitrobenzene-d5	7.404	82	313893	95.327	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	109341	148.540	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	586946	98.135	ng	-0.01
79) Terphenyl-d14	12.939	244	471222	111.742	ng	0.00

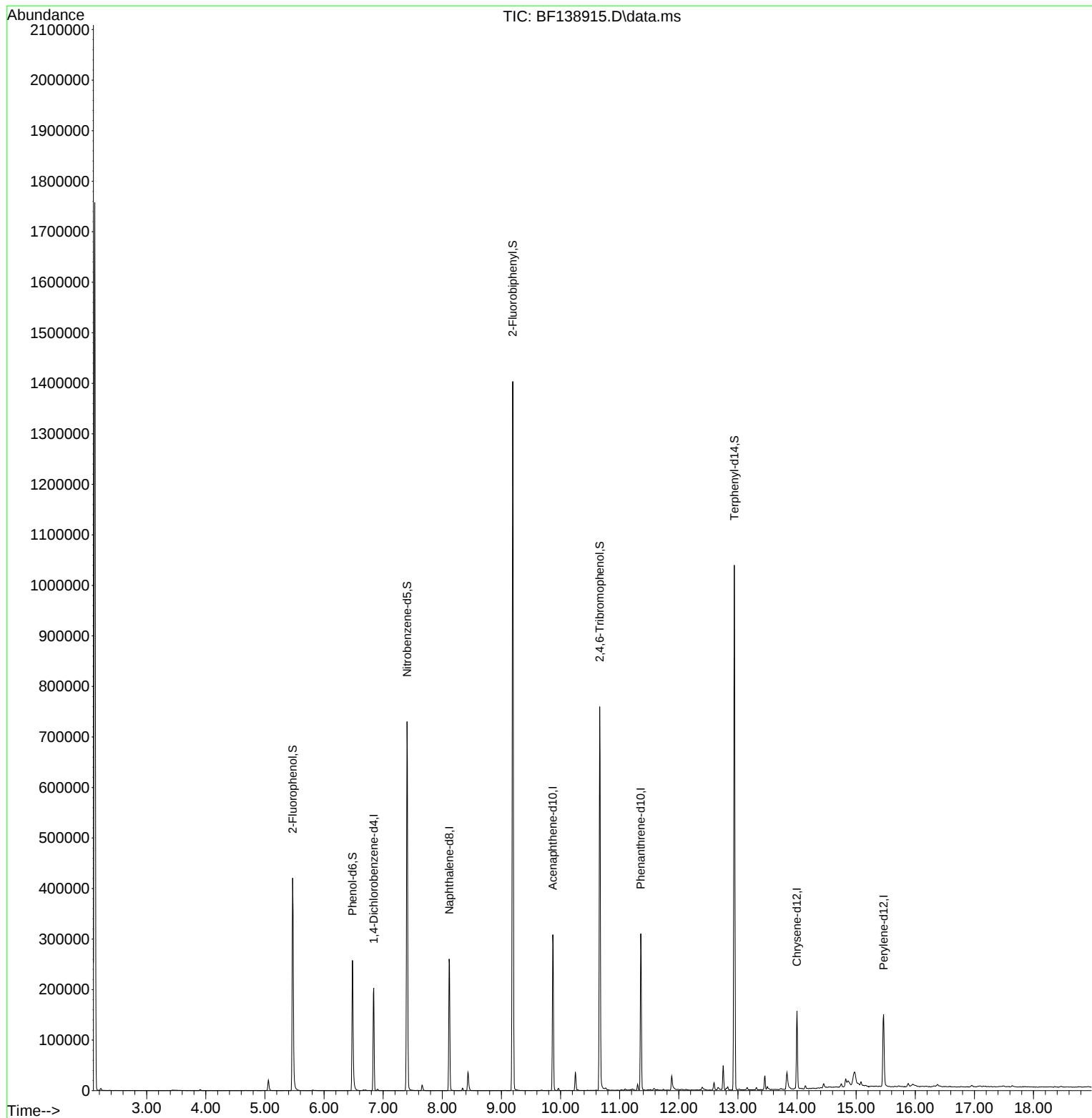
Target Compounds	Qvalue

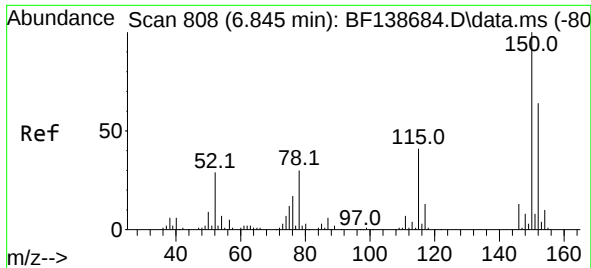
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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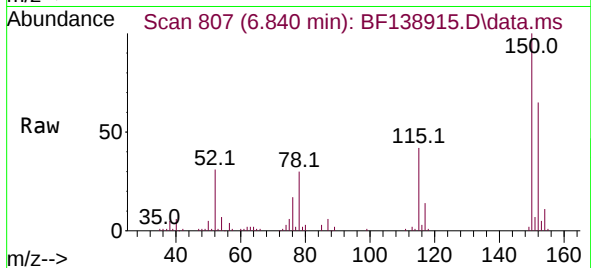
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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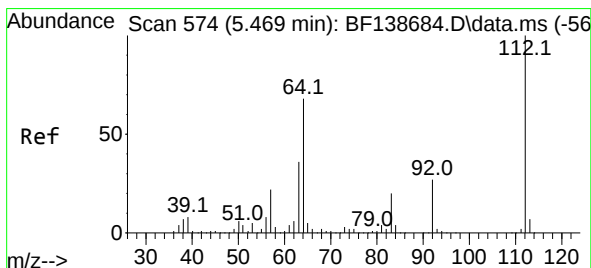
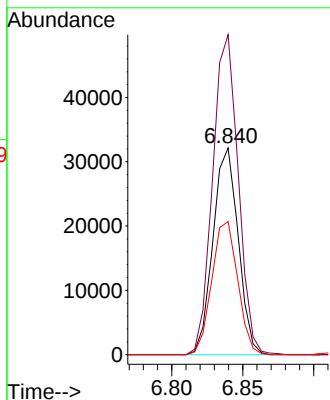
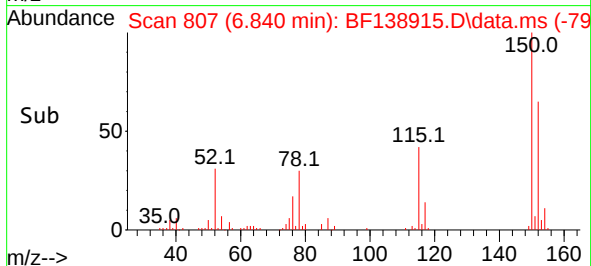


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138915.D
Acq: 10 Aug 2024 17:52

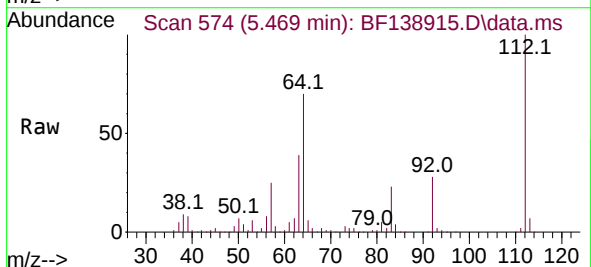
Instrument :
BNA_F
ClientSampleId :
924-K1-WS-080224



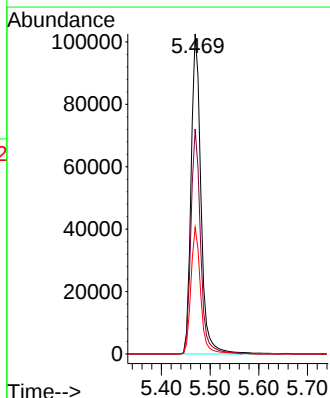
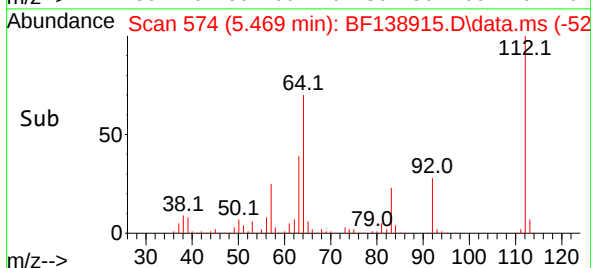
Tgt Ion:152 Resp: 39664
Ion Ratio Lower Upper
152 100
150 154.8 126.0 189.0
115 64.4 51.7 77.5

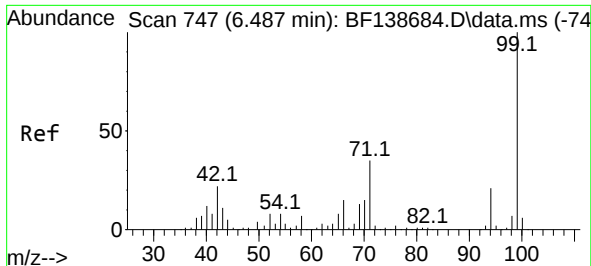


#5
2-Fluorophenol
Concen: 56.325 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138915.D
Acq: 10 Aug 2024 17:52



Tgt Ion:112 Resp: 144726
Ion Ratio Lower Upper
112 100
64 70.3 54.2 81.4
63 39.5 28.7 43.1

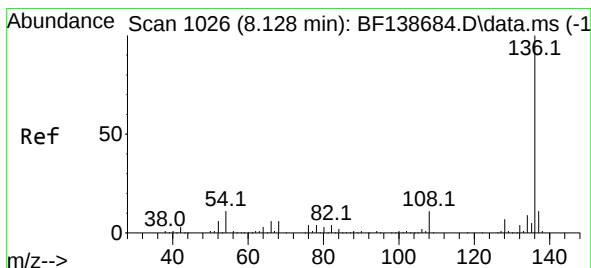
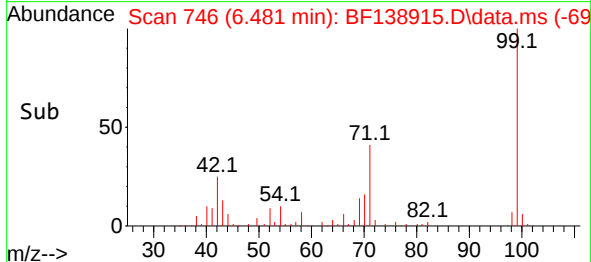
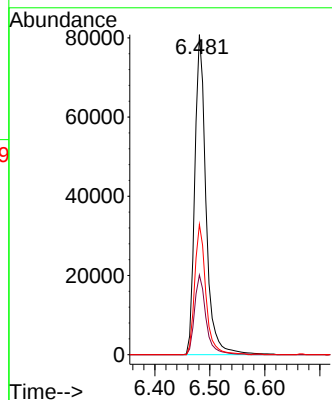
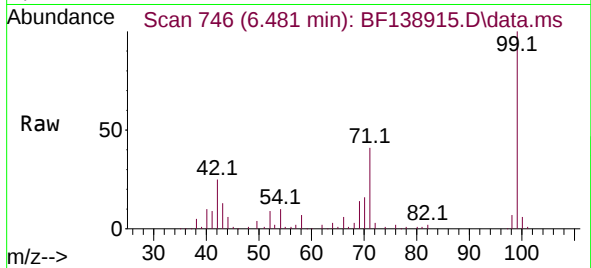




#7
Phenol-d6
Concen: 33.163 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138915.D
Acq: 10 Aug 2024 17:52

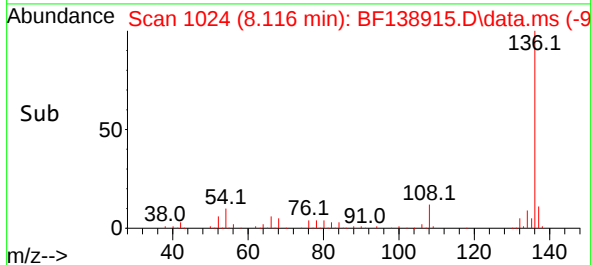
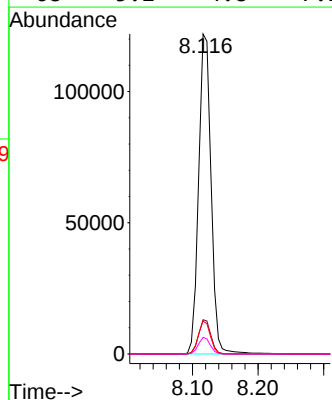
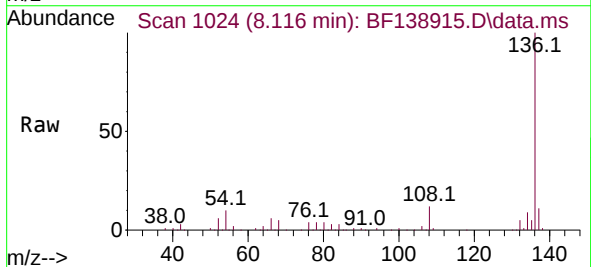
Instrument :
BNA_F
ClientSampleId :
924-K1-WS-080224

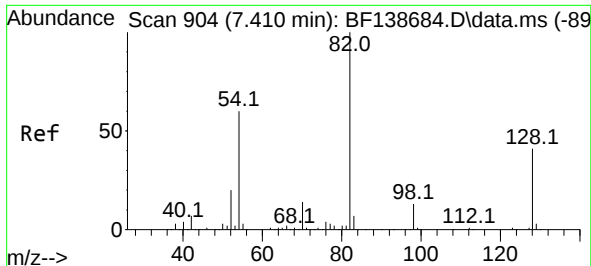
Tgt Ion: 99 Resp: 114405
Ion Ratio Lower Upper
99 100
42 24.9 17.4 26.0
71 40.7 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138915.D
Acq: 10 Aug 2024 17:52

Tgt Ion: 136 Resp: 160989
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 10.3 8.6 12.8
68 5.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 95.327 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138915.D

Acq: 10 Aug 2024 17:52

Instrument :

BNA_F

ClientSampleId :

924-K1-WS-080224

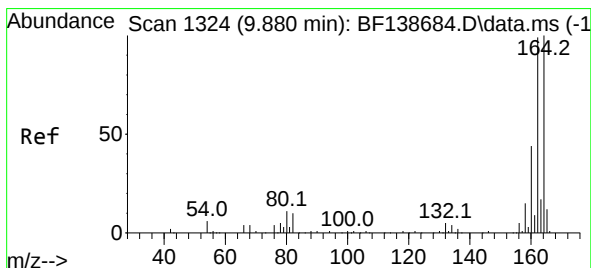
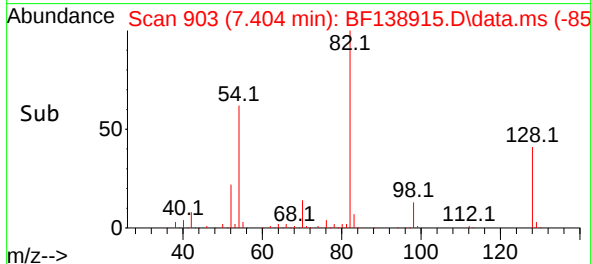
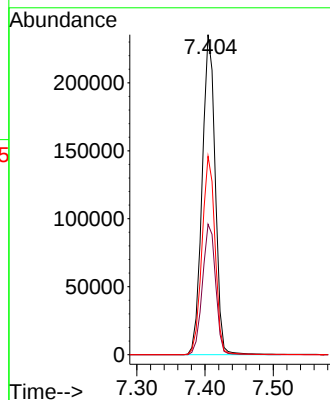
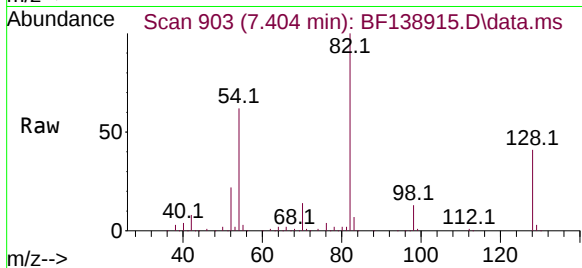
Tgt Ion: 82 Resp: 313893

Ion Ratio Lower Upper

82 100

128 40.8 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: BF138915.D

Acq: 10 Aug 2024 17:52

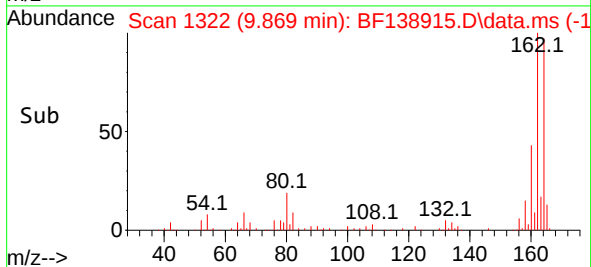
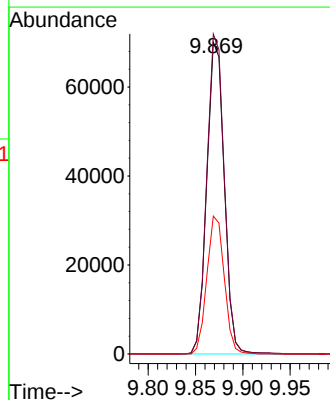
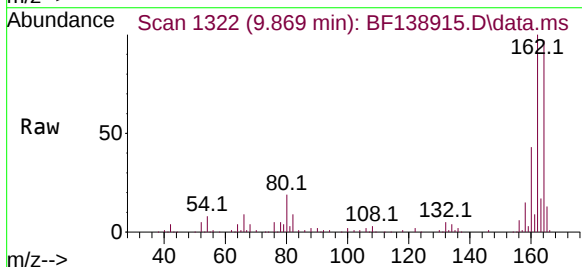
Tgt Ion:164 Resp: 89864

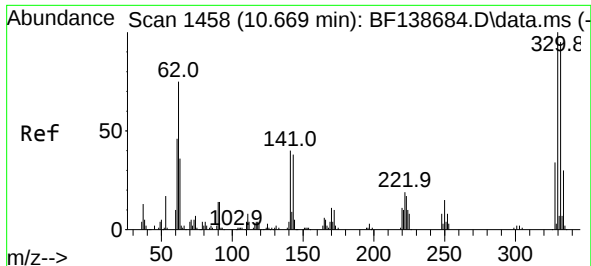
Ion Ratio Lower Upper

164 100

162 102.6 79.4 119.0

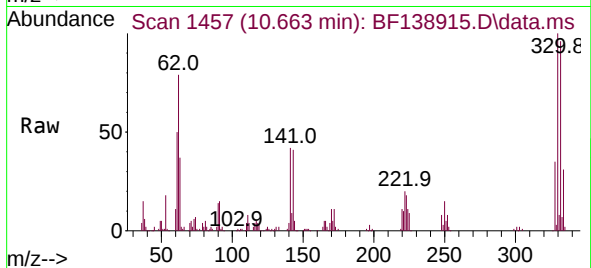
160 44.2 35.1 52.7



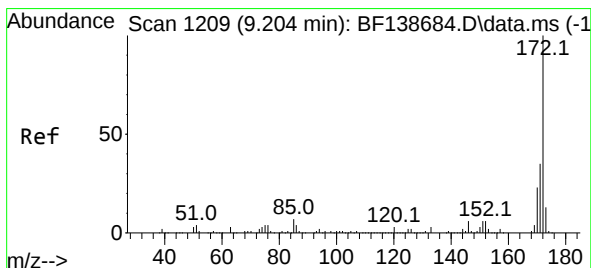
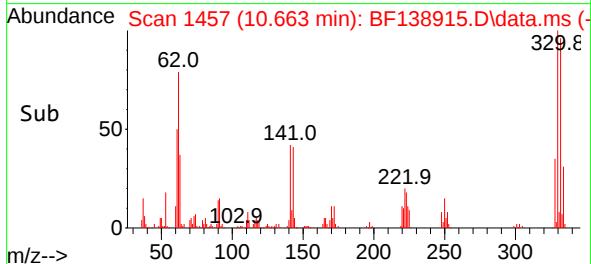
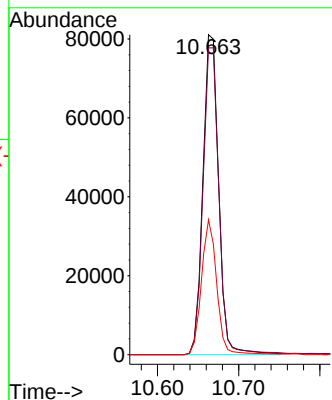


#42
2,4,6-Tribromophenol
Concen: 148.540 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138915.D
Acq: 10 Aug 2024 17:52

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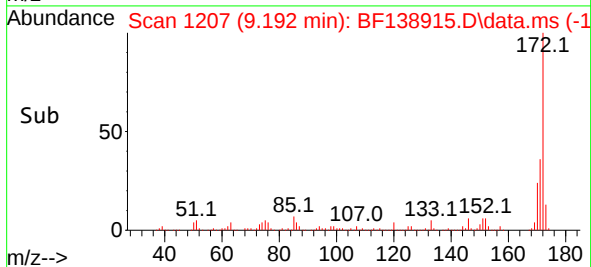
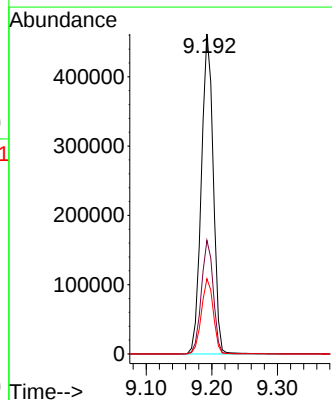
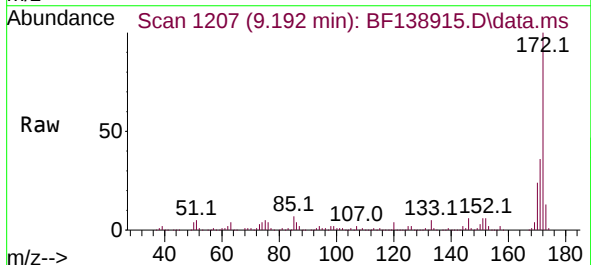


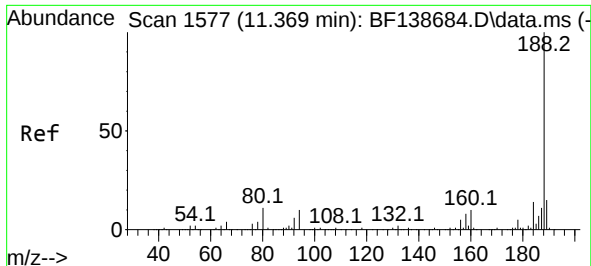
Tgt Ion: 330 Resp: 109341
Ion Ratio Lower Upper
330 100
332 97.1 76.4 114.6
141 41.0 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 98.135 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138915.D
Acq: 10 Aug 2024 17:52

Tgt Ion: 172 Resp: 586946
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.5 18.8 28.2

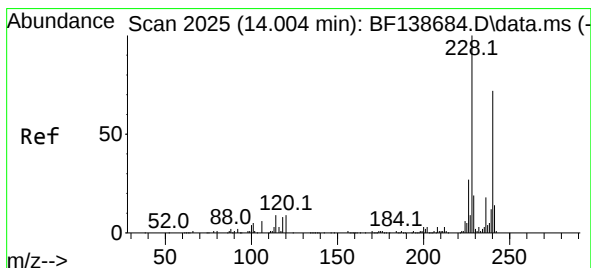
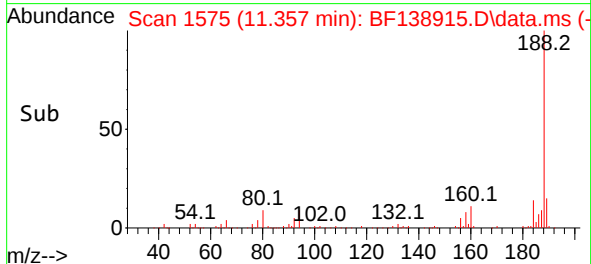
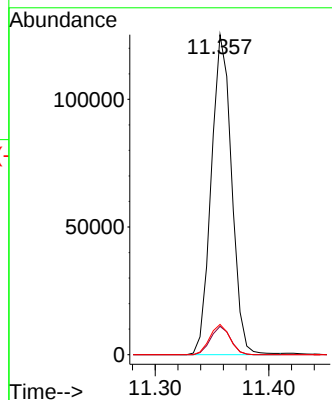
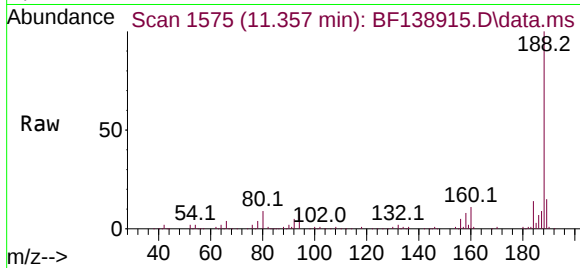




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138915.D
Acq: 10 Aug 2024 17:52

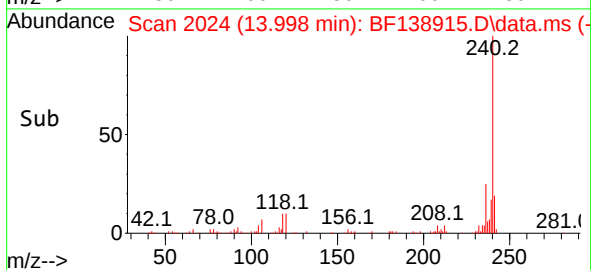
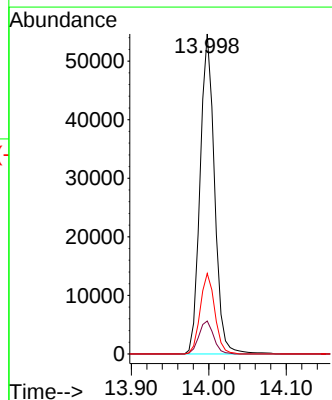
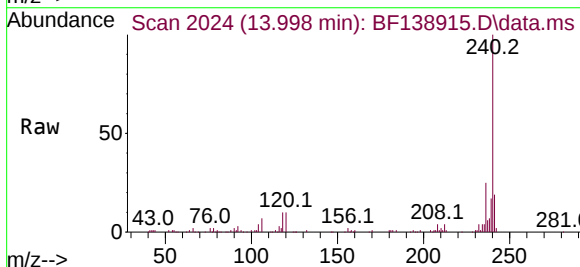
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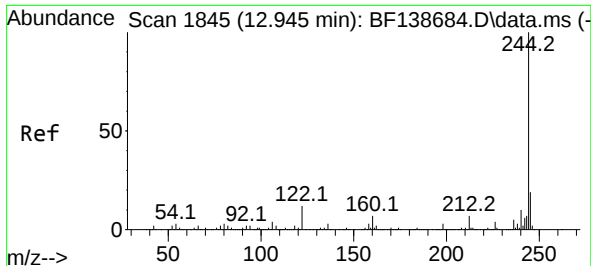
Tgt Ion:188 Resp: 156314
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 9.4 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138915.D
Acq: 10 Aug 2024 17:52

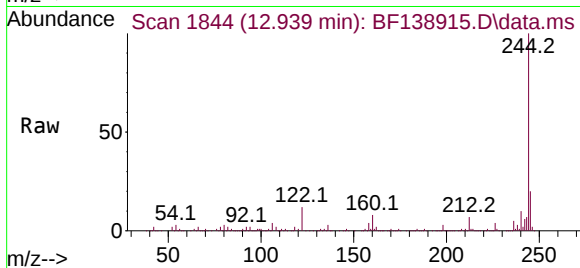
Tgt Ion:240 Resp: 70605
Ion Ratio Lower Upper
240 100
120 10.3 10.2 15.4
236 25.2 19.8 29.8



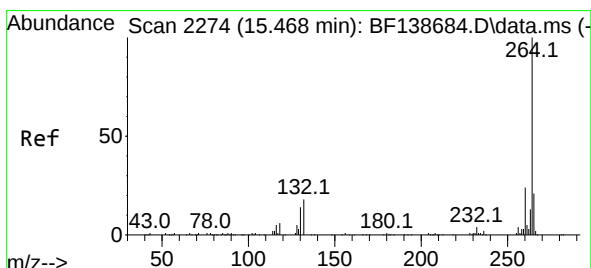
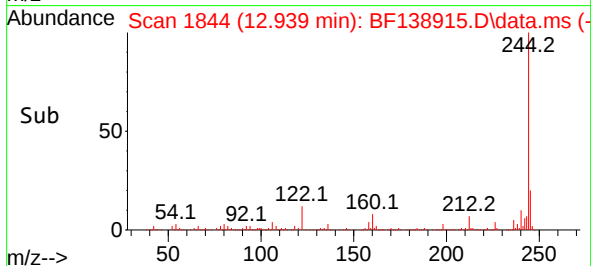
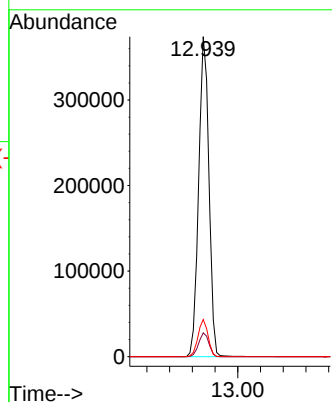


#79
 Terphenyl-d14
 Concen: 111.742 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138915.D
 Acq: 10 Aug 2024 17:52

Instrument :
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Tgt Ion:244 Resp: 471222
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 11.6 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: BF138915.D
 Acq: 10 Aug 2024 17:52

Tgt Ion:264 Resp: 83219
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.2 17.0 25.6

