

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138957.D
 Acq On : 13 Aug 2024 02:57
 Operator : RC/JU
 Sample : P3548-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 289

Quant Time: Aug 13 03:28:03 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	40402	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	169084	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	96667	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	187790	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	99090	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	71138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	455178	173.911	ng	0.02
7) Phenol-d6	6.493	99	579311	164.858	ng	0.00
23) Nitrobenzene-d5	7.410	82	405258	117.182	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	163316	206.251	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	754874	117.330	ng	-0.01
79) Terphenyl-d14	12.945	244	906527	153.171	ng	0.00

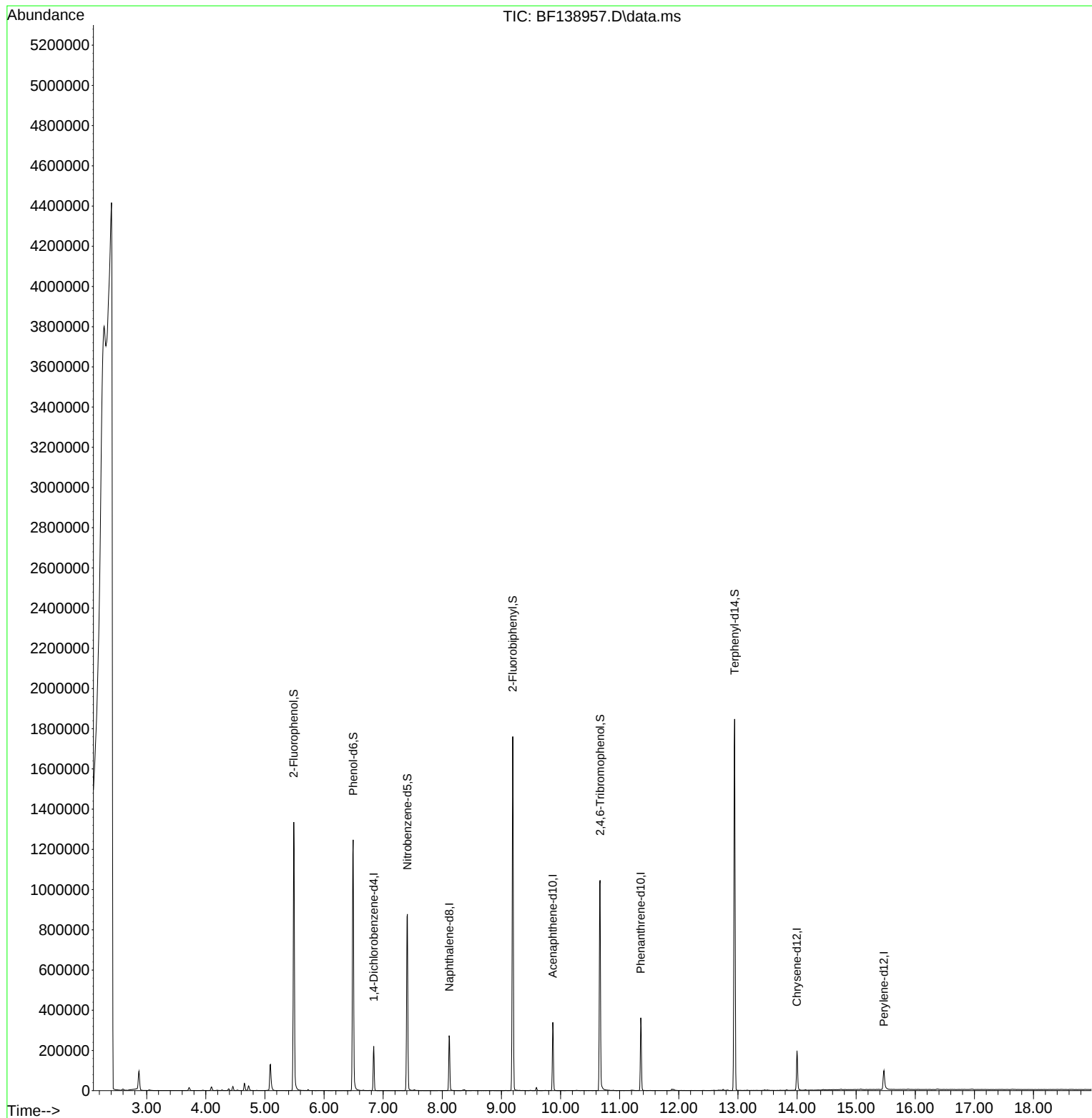
Target Compounds	Qvalue

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

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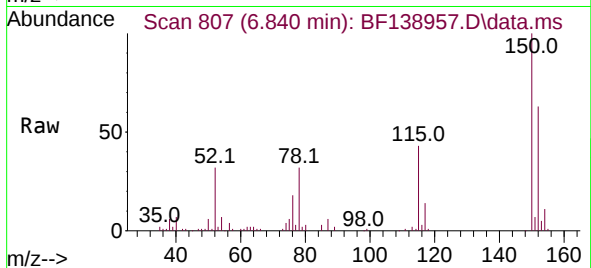
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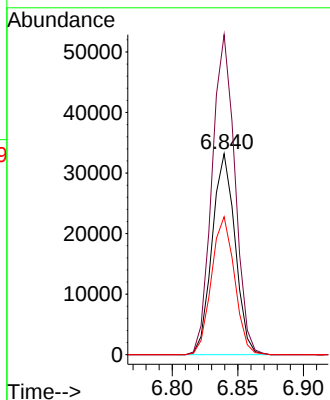
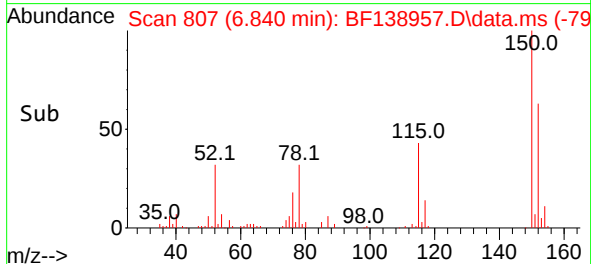


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138957.D
Acq: 13 Aug 2024 02:57

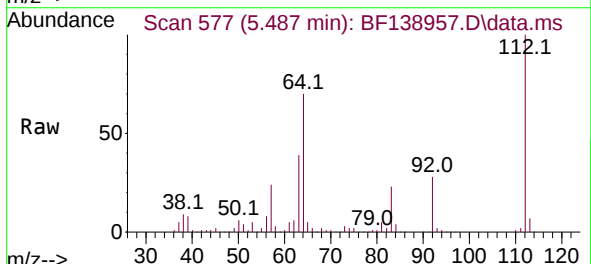
Instrument :
BNA_F
ClientSampleId :
289



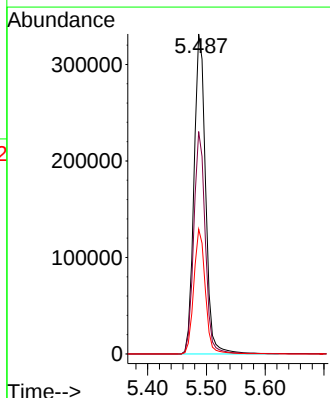
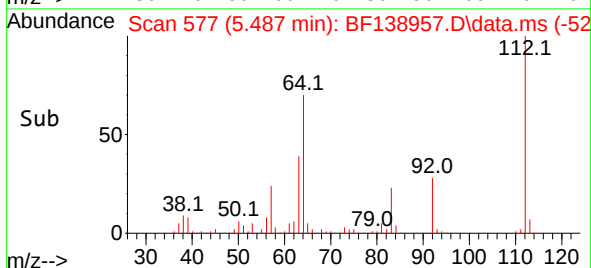
Tgt Ion:152 Resp: 40402
Ion Ratio Lower Upper
152 100
150 159.3 126.0 189.0
115 68.6 51.7 77.5



#5
2-Fluorophenol
Concen: 173.911 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138957.D
Acq: 13 Aug 2024 02:57



Tgt Ion:112 Resp: 455178
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.4
63 39.0 28.7 43.1

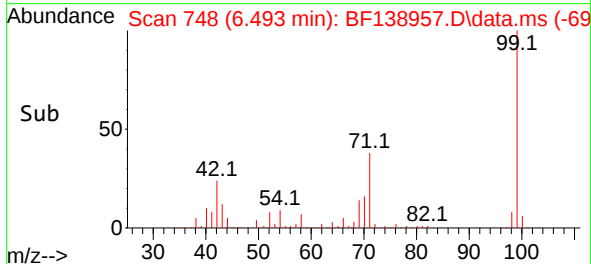
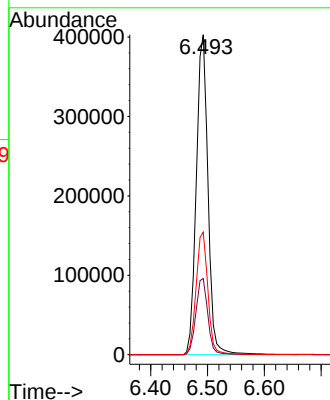
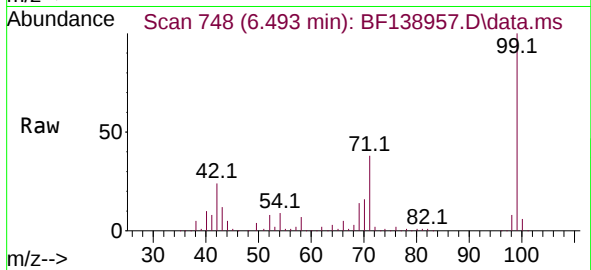




#7
Phenol-d6
Concen: 164.858 ng
RT: 6.493 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF138957.D
Acq: 13 Aug 2024 02:57

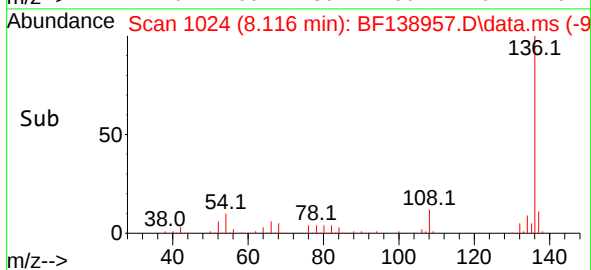
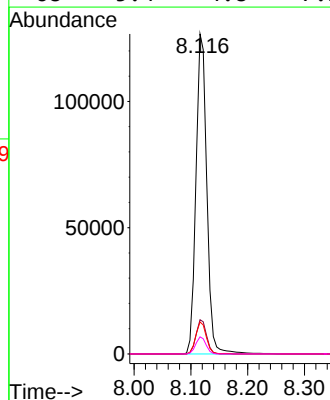
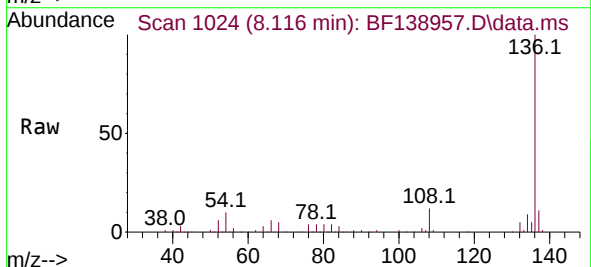
Instrument :
BNA_F
ClientSampleId :
289

Tgt Ion: 99 Resp: 579311
Ion Ratio Lower Upper
99 100
42 23.8 17.4 26.0
71 38.3 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: BF138957.D
Acq: 13 Aug 2024 02:57

Tgt Ion: 136 Resp: 169084
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 10.0 8.6 12.8
68 5.4 4.8 7.2

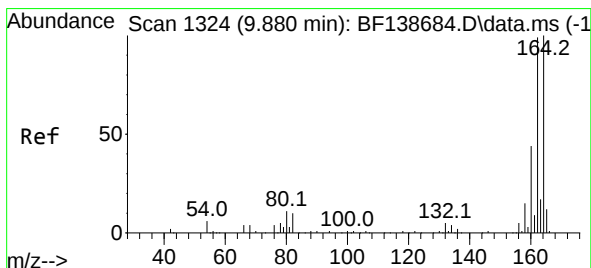
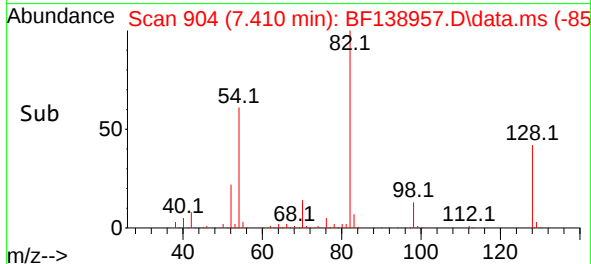
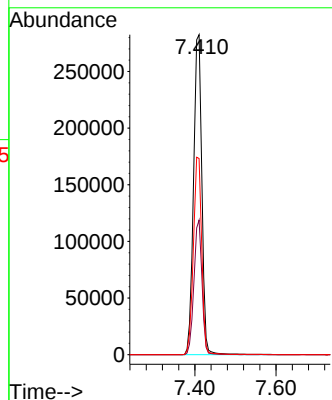
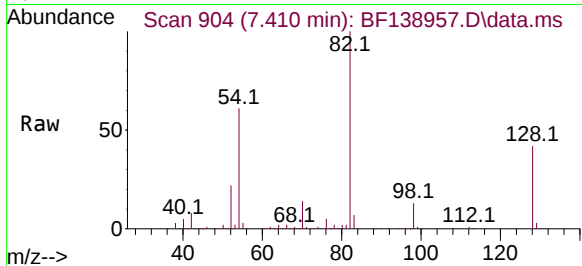




#23
 Nitrobenzene-d5
 Concen: 117.182 ng
 RT: 7.410 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: BF138957.D
 Acq: 13 Aug 2024 02:57

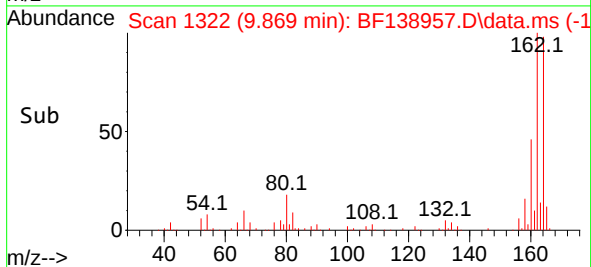
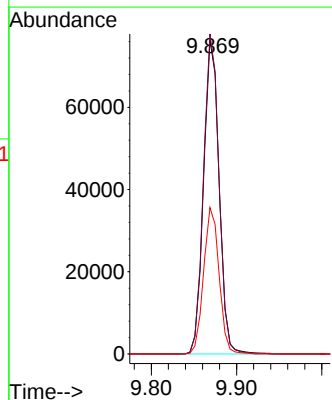
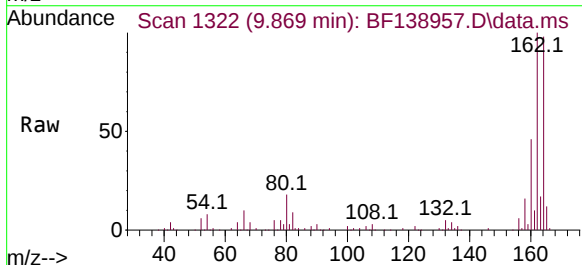
Instrument :
 BNA_F
 ClientSampleId :
 289

Tgt Ion: 82 Resp: 405258
 Ion Ratio Lower Upper
 82 100
 128 42.0 32.8 49.2
 54 61.3 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: BF138957.D
 Acq: 13 Aug 2024 02:57

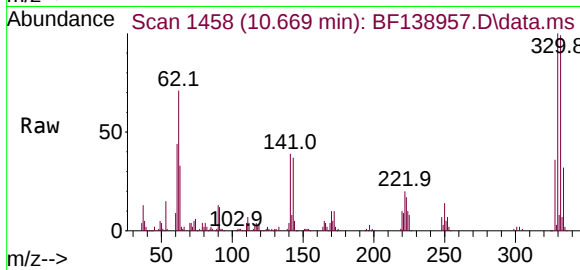
Tgt Ion:164 Resp: 96667
 Ion Ratio Lower Upper
 164 100
 162 102.0 79.4 119.0
 160 46.7 35.1 52.7



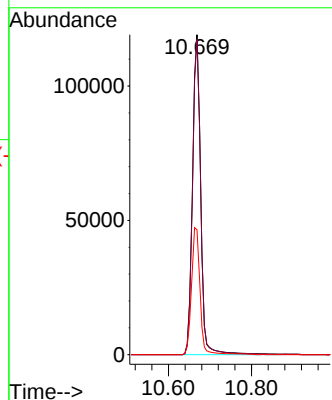
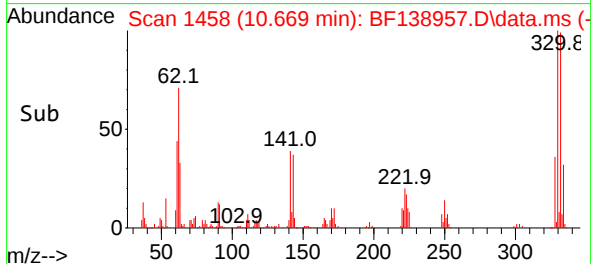


#42
2,4,6-Tribromophenol
Concen: 206.251 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138957.D
Acq: 13 Aug 2024 02:57

Instrument :
BNA_F
ClientSampleId :
289

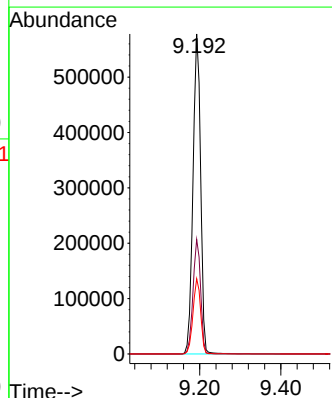
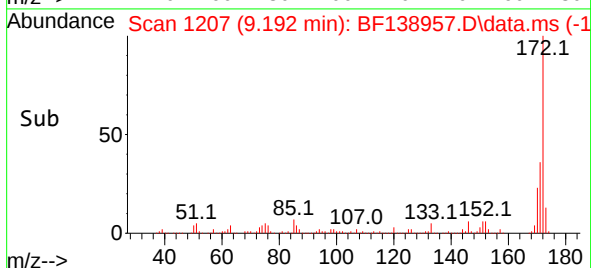
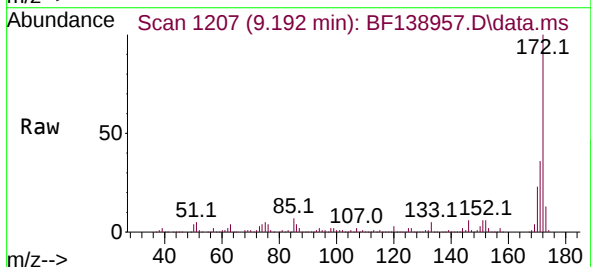


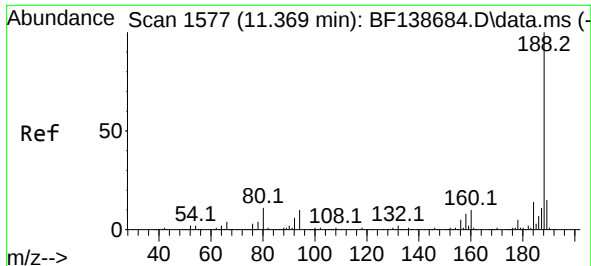
Tgt Ion:330 Resp: 163316
Ion Ratio Lower Upper
330 100
332 97.2 76.4 114.6
141 41.3 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 117.330 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138957.D
Acq: 13 Aug 2024 02:57

Tgt Ion:172 Resp: 754874
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.5 18.8 28.2

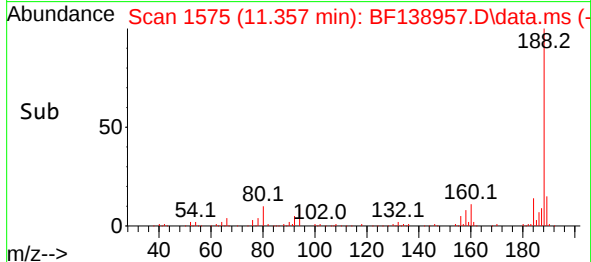
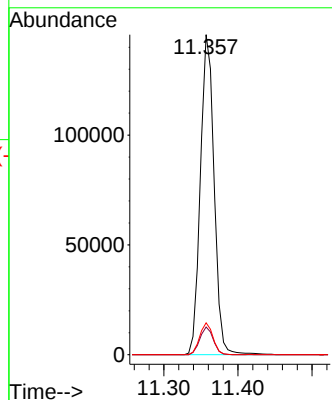
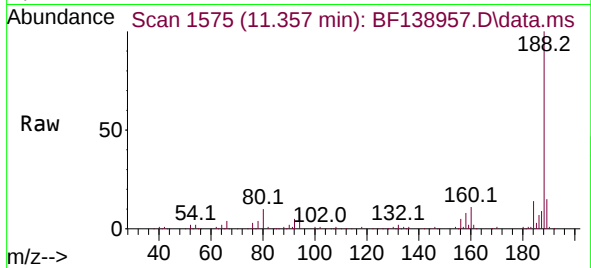




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138957.D
Acq: 13 Aug 2024 02:57

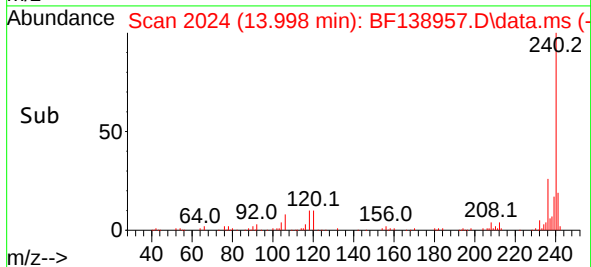
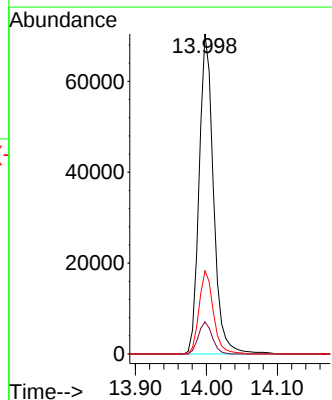
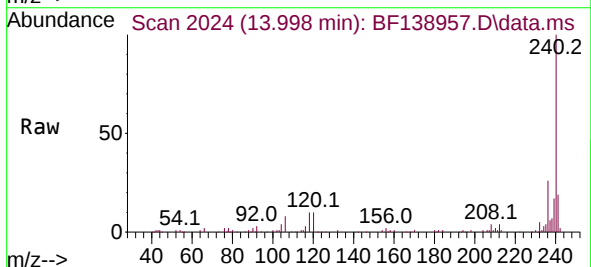
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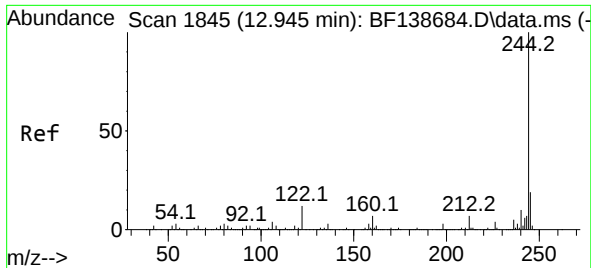
Tgt Ion:188 Resp: 187790
Ion Ratio Lower Upper
188 100
94 8.6 7.6 11.4
80 10.0 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138957.D
Acq: 13 Aug 2024 02:57

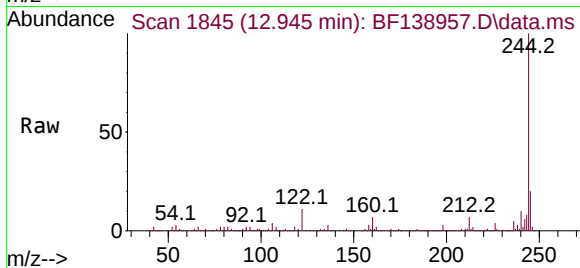
Tgt Ion:240 Resp: 99090
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.4#
236 25.9 19.8 29.8



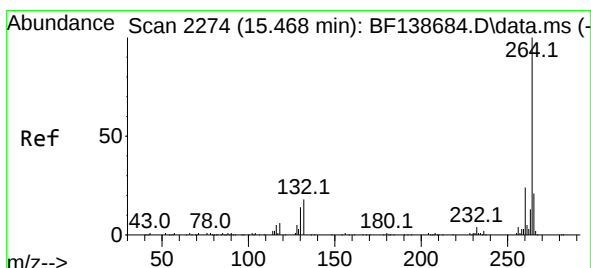
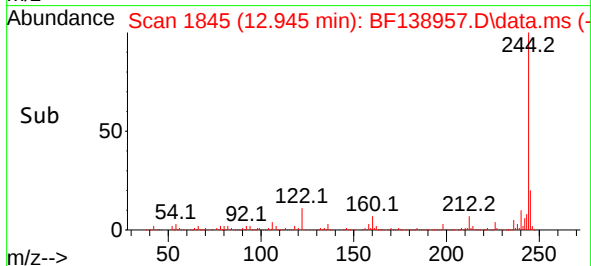
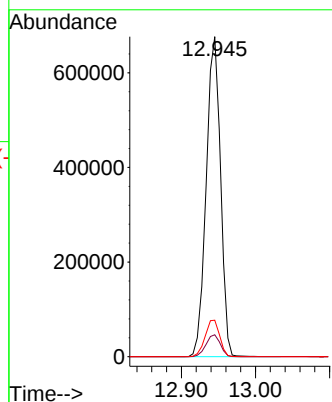


#79
 Terphenyl-d14
 Concen: 153.171 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF138957.D
 Acq: 13 Aug 2024 02:57

Instrument :
 BNA_F
 ClientSampleId :
 289



Tgt Ion:244 Resp: 906527
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.4 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. 0.000 min
 Lab File: BF138957.D
 Acq: 13 Aug 2024 02:57

Tgt Ion:264 Resp: 71138
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.4 17.0 25.6

