

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF138994.D
 Acq On : 14 Aug 2024 15:09
 Operator : RC/JU
 Sample : P3512-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 931-K1-SD-0.5-1.0-080724-FD

Quant Time: Aug 14 15:31:22 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	6.834	152	34757	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	136543	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	74287	20.000	ng	-0.02
64) Phenanthrene-d10	11.351	188	111484	20.000	ng	-0.02
76) Chrysene-d12	13.998	240	64771	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	57351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	176169	78.241	ng	0.00
7) Phenol-d6	6.481	99	235814	78.006	ng	0.00
23) Nitrobenzene-d5	7.398	82	151298	54.175	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	40617	66.748	ng	-0.01
45) 2-Fluorobiphenyl	9.187	172	232251	46.974	ng	-0.02
79) Terphenyl-d14	12.933	244	163925	42.373	ng	-0.01

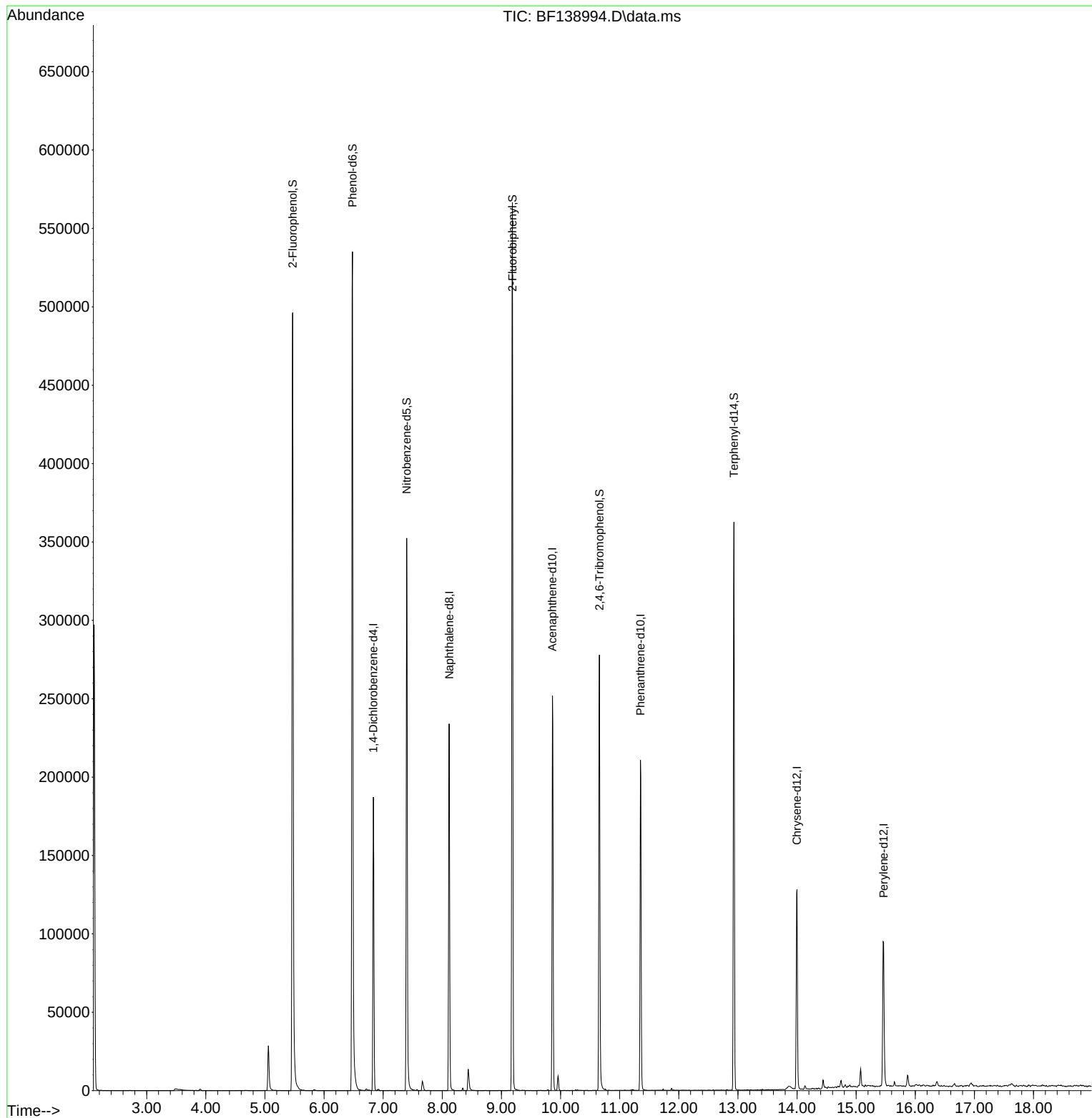
Target Compounds	Qvalue

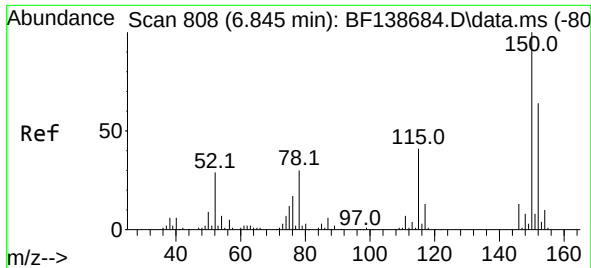
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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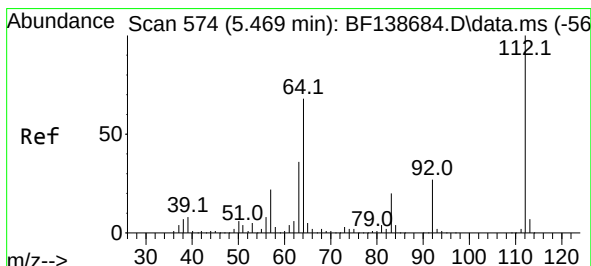
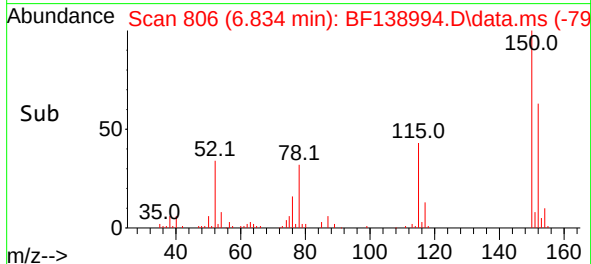
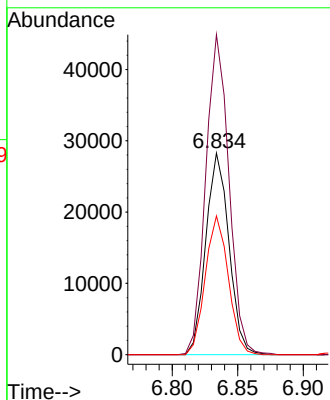
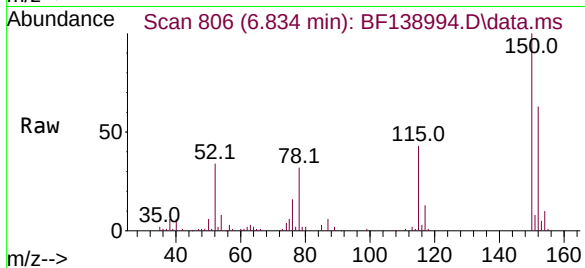




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF138994.D
Acq: 14 Aug 2024 15:09

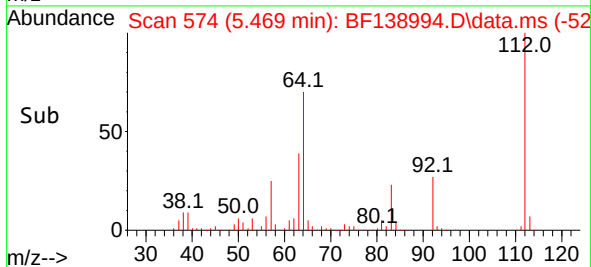
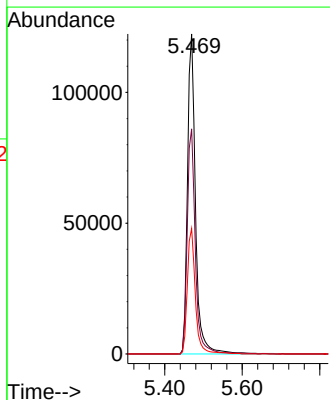
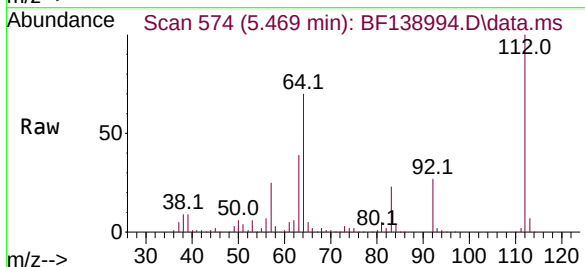
Instrument :
BNA_F
ClientSampleId :
931-K1-SD-0.5-1.0-080724-FD

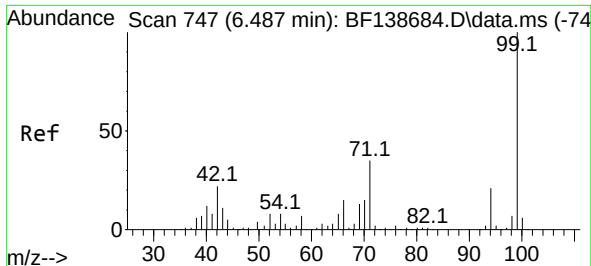
Tgt Ion:152 Resp: 34757
Ion Ratio Lower Upper
152 100
150 158.7 126.0 189.0
115 68.8 51.7 77.5



#5
2-Fluorophenol
Concen: 78.241 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138994.D
Acq: 14 Aug 2024 15:09

Tgt Ion:112 Resp: 176169
Ion Ratio Lower Upper
112 100
64 70.4 54.2 81.4
63 39.2 28.7 43.1





#7

Phenol-d6

Concen: 78.006 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF138994.D

Acq: 14 Aug 2024 15:09

Instrument :

BNA_F

ClientSampleId :

931-K1-SD-0.5-1.0-080724-FD

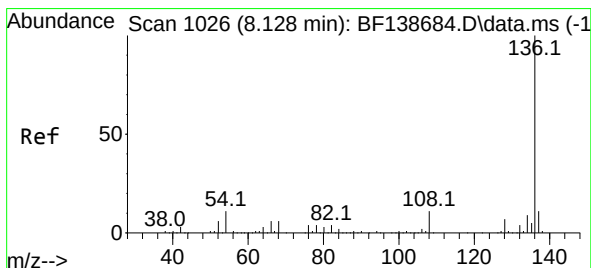
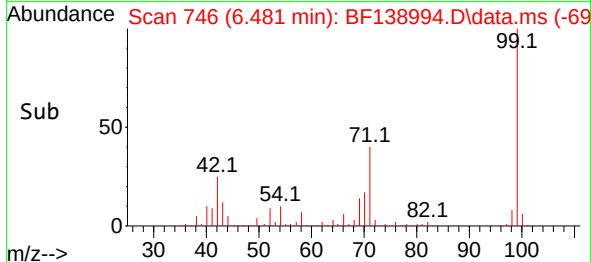
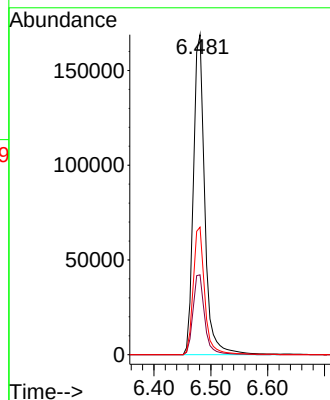
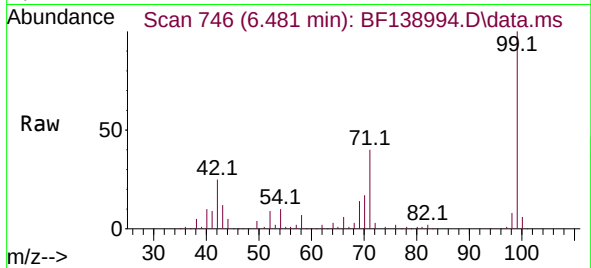
Tgt Ion: 99 Resp: 235814

Ion Ratio Lower Upper

99 100

42 24.9 17.4 26.0

71 39.9 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: BF138994.D

Acq: 14 Aug 2024 15:09

Tgt Ion: 136 Resp: 136543

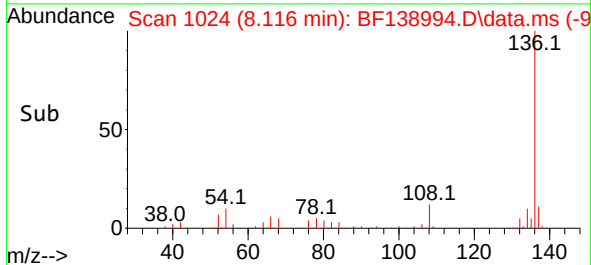
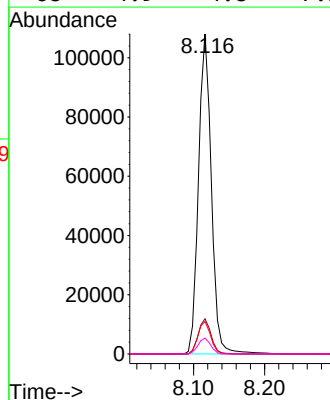
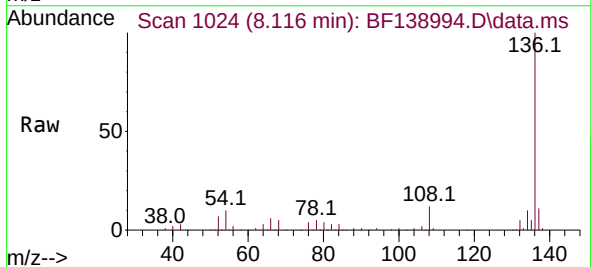
Ion Ratio Lower Upper

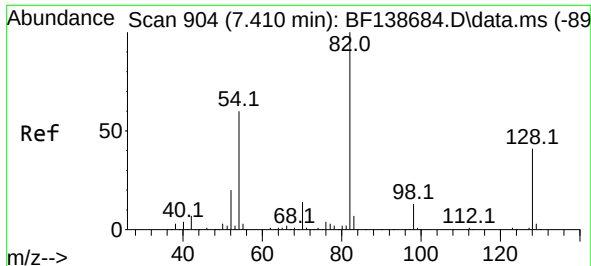
136 100

137 11.0 8.9 13.3

54 10.2 8.6 12.8

68 4.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 54.175 ng

RT: 7.398 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF138994.D

Acq: 14 Aug 2024 15:09

Instrument :

BNA_F

ClientSampleId :

931-K1-SD-0.5-1.0-080724-FD

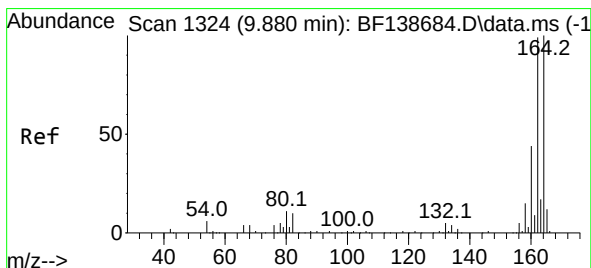
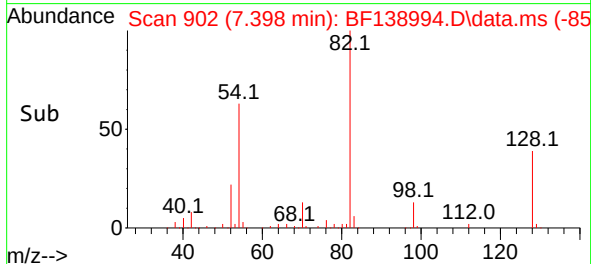
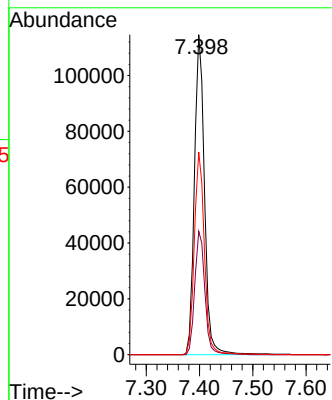
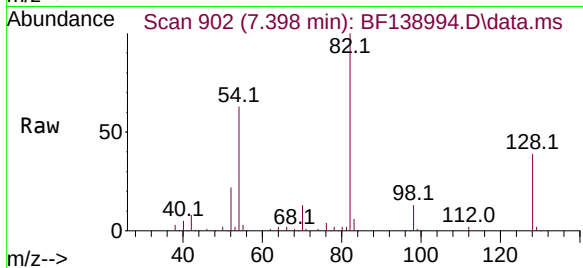
Tgt Ion: 82 Resp: 151298

Ion Ratio Lower Upper

82 100

128 38.6 32.8 49.2

54 63.3 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.017 min

Lab File: BF138994.D

Acq: 14 Aug 2024 15:09

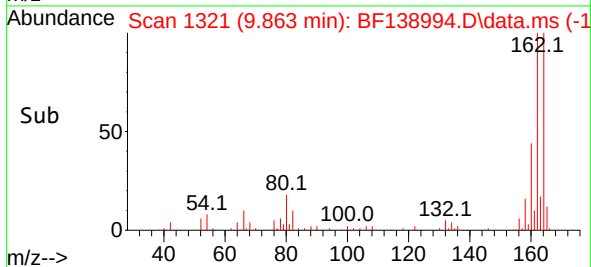
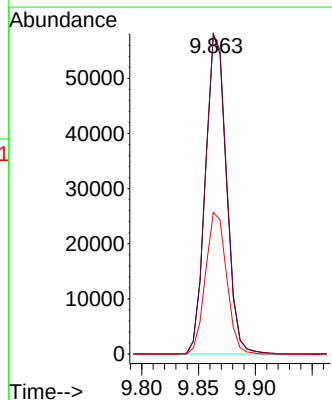
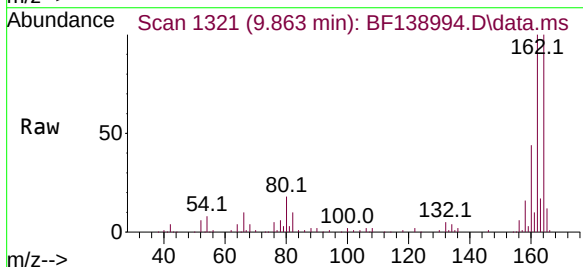
Tgt Ion:164 Resp: 74287

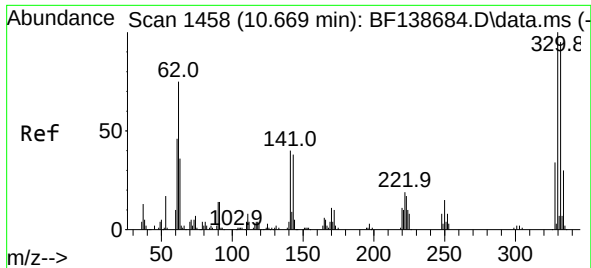
Ion Ratio Lower Upper

164 100

162 100.1 79.4 119.0

160 44.3 35.1 52.7

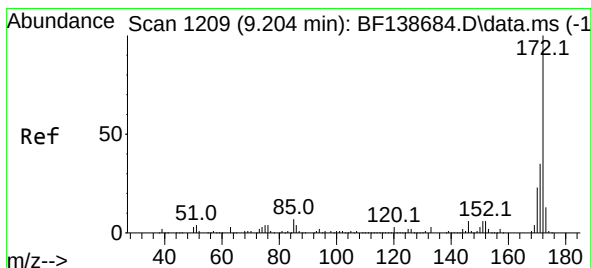
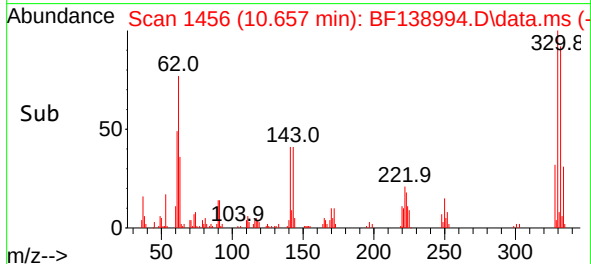
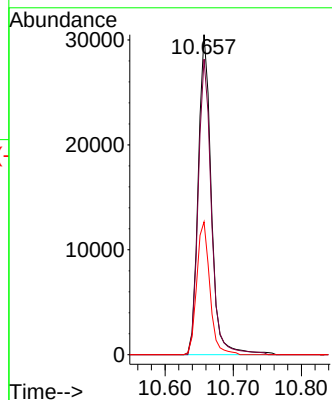
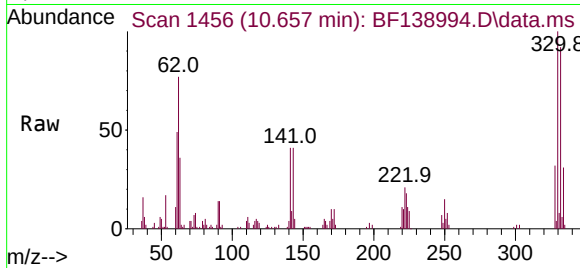




#42
2,4,6-Tribromophenol
Concen: 66.748 ng
RT: 10.657 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF138994.D
Acq: 14 Aug 2024 15:09

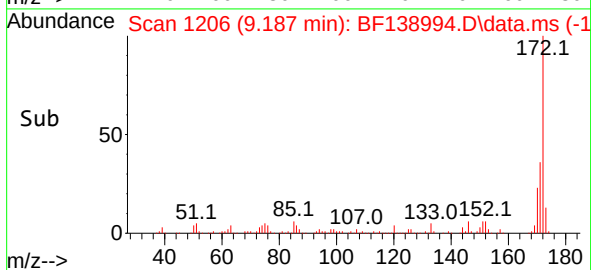
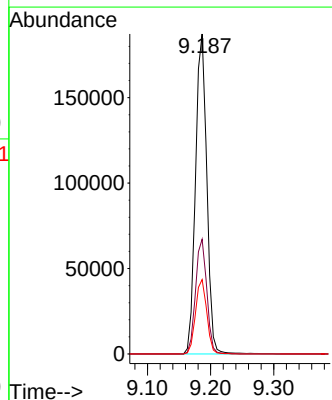
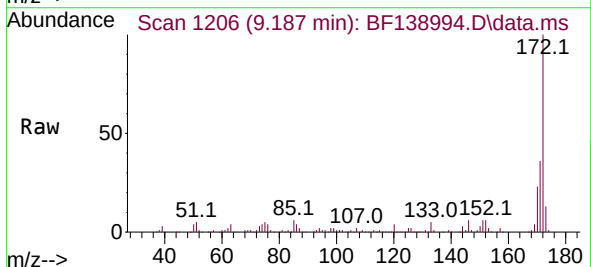
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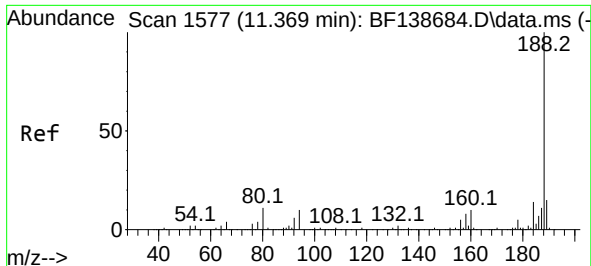
Tgt Ion: 330 Resp: 40617
Ion Ratio Lower Upper
330 100
332 93.0 76.4 114.6
141 41.5 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 46.974 ng
RT: 9.187 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF138994.D
Acq: 14 Aug 2024 15:09

Tgt Ion: 172 Resp: 232251
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.3 18.8 28.2

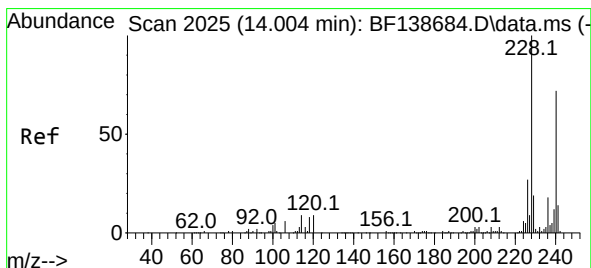
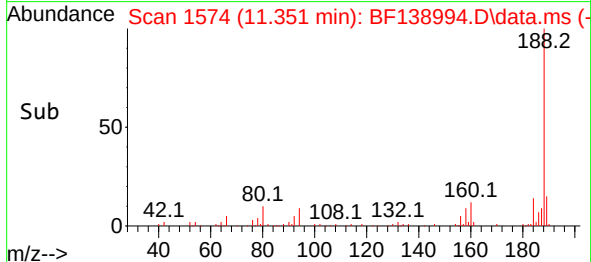
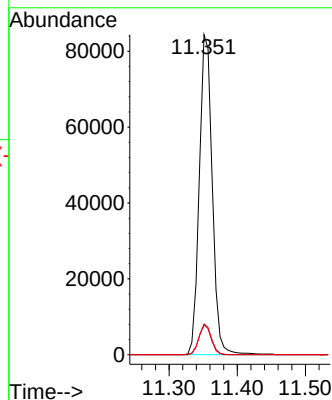
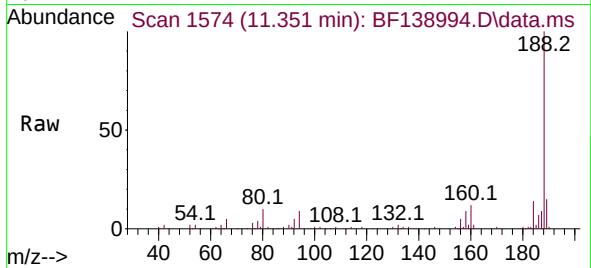




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138994.D
Acq: 14 Aug 2024 15:09

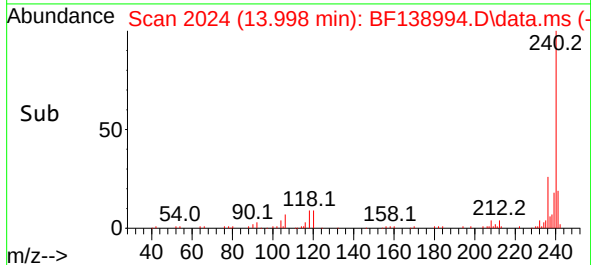
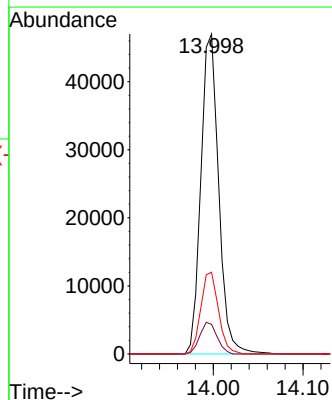
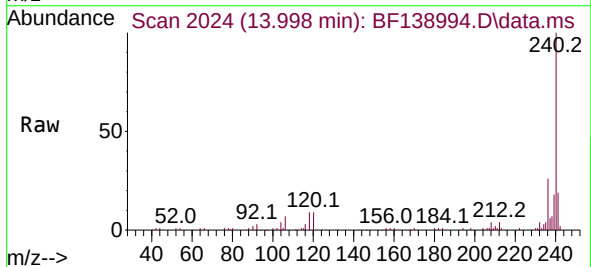
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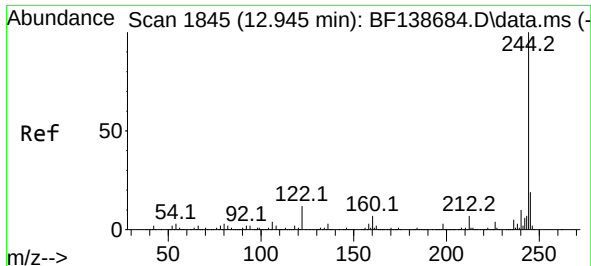
Tgt Ion:188 Resp: 111484
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 9.6 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138994.D
Acq: 14 Aug 2024 15:09

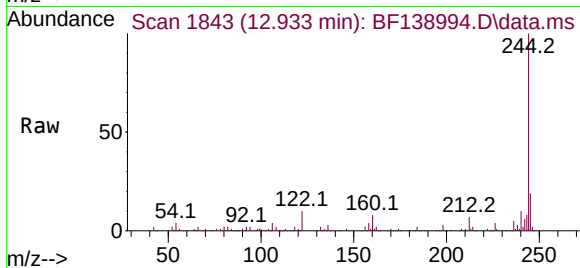
Tgt Ion:240 Resp: 64771
Ion Ratio Lower Upper
240 100
120 9.2 10.2 15.4#
236 25.6 19.8 29.8



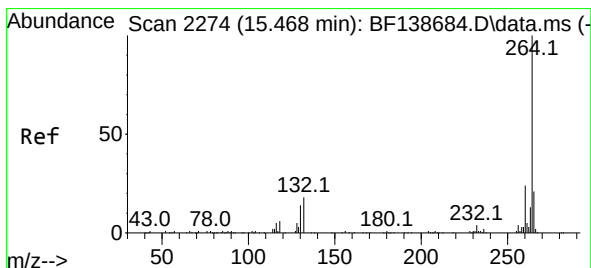
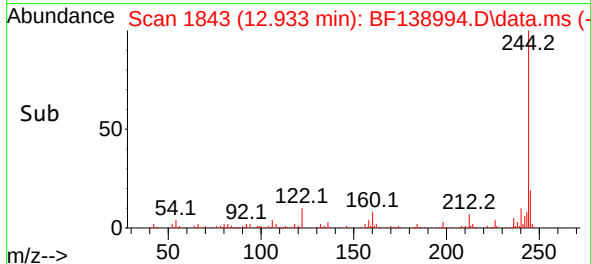
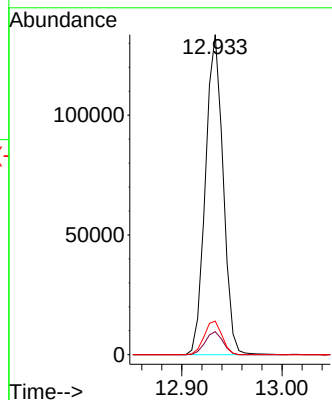


#79
 Terphenyl-d14
 Concen: 42.373 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: BF138994.D
 Acq: 14 Aug 2024 15:09

Instrument :
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Tgt Ion:244 Resp: 163925
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.5 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: BF138994.D
 Acq: 14 Aug 2024 15:09

Tgt Ion:264 Resp: 57351
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.9 17.0 25.6

