

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138981.D
 Acq On : 13 Aug 2024 19:03
 Operator : RC/JU
 Sample : PB162660BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162660BL

Quant Time: Aug 14 00:36:17 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	42604	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	177345	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	101526	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	180088	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	84713	20.000	ng	0.00
86) Perylene-d12	15.468	264	66354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	460150	166.724	ng	0.02
7) Phenol-d6	6.487	99	607297	163.890	ng	0.00
23) Nitrobenzene-d5	7.404	82	403305	111.185	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	137361	165.170	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	755491	111.806	ng	-0.01
79) Terphenyl-d14	12.945	244	746593	147.557	ng	0.00

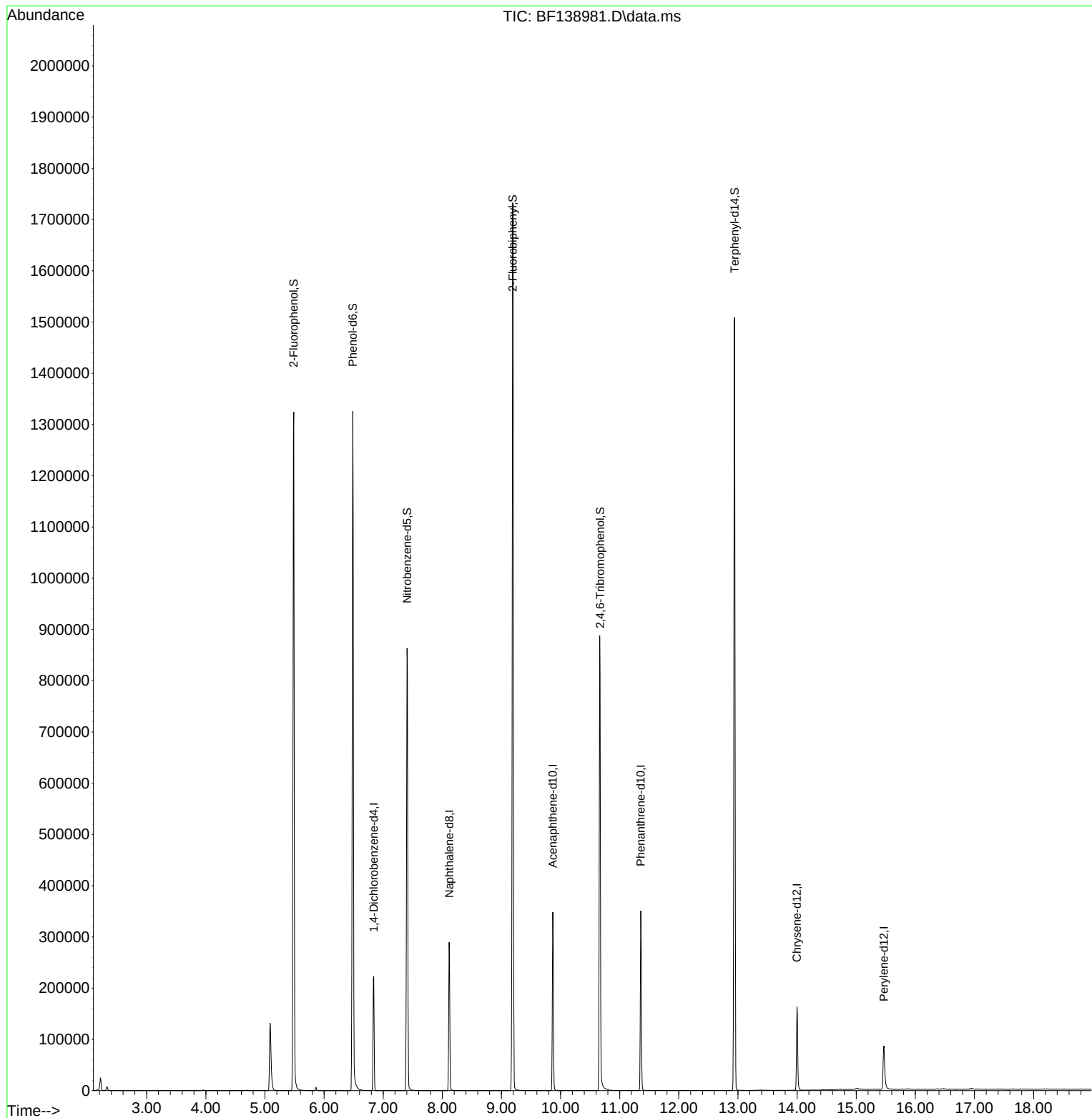
Target Compounds	Qvalue

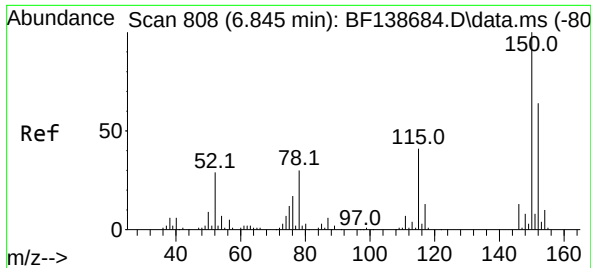
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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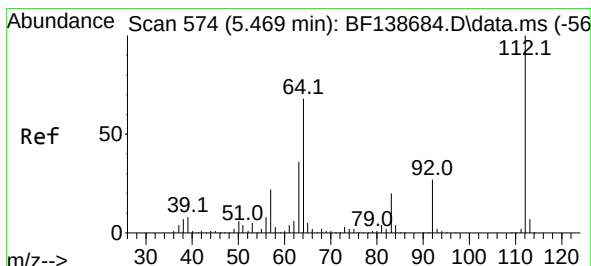
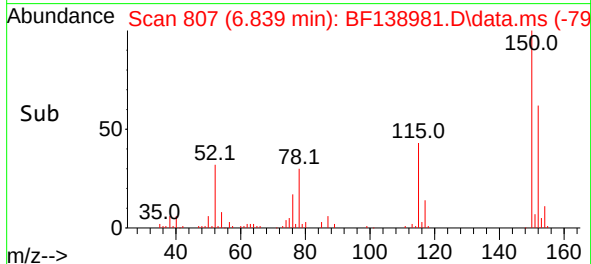
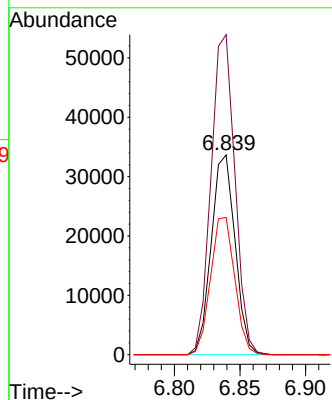
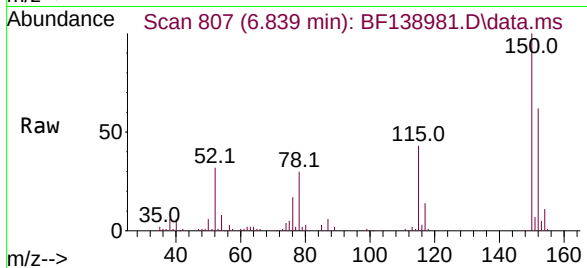




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138981.D
Acq: 13 Aug 2024 19:03

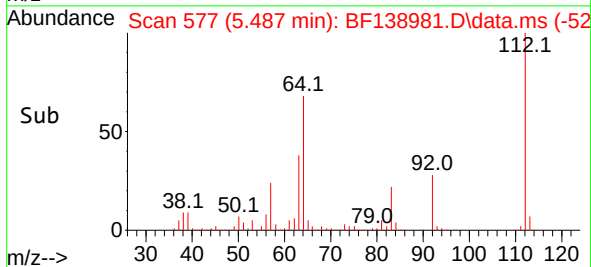
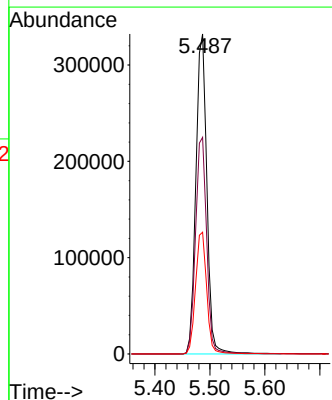
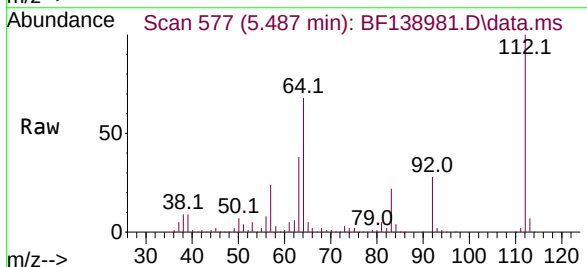
Instrument :
BNA_F
ClientSampleId :
PB162660BL

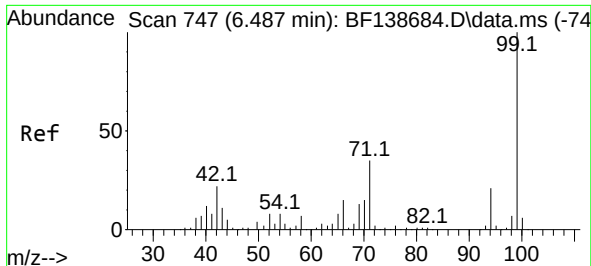
Tgt Ion:152 Resp: 42604
Ion Ratio Lower Upper
152 100
150 160.3 126.0 189.0
115 68.7 51.7 77.5



#5
2-Fluorophenol
Concen: 166.724 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138981.D
Acq: 13 Aug 2024 19:03

Tgt Ion:112 Resp: 460150
Ion Ratio Lower Upper
112 100
64 67.7 54.2 81.4
63 38.1 28.7 43.1





#7

Phenol-d6

Concen: 163.890 ng

RT: 6.487 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF138981.D

Acq: 13 Aug 2024 19:03

Instrument :

BNA_F

ClientSampleId :

PB162660BL

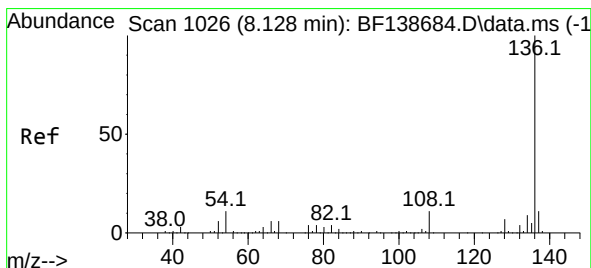
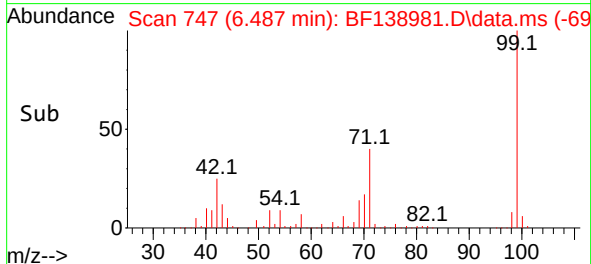
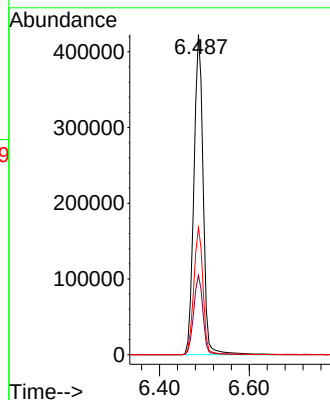
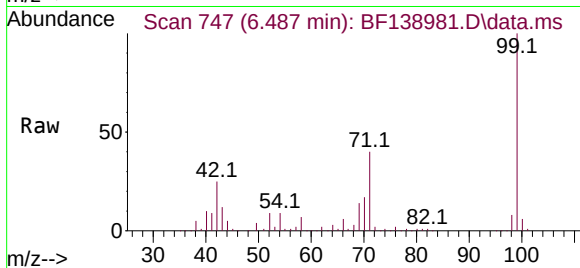
Tgt Ion: 99 Resp: 607297

Ion Ratio Lower Upper

99 100

42 24.8 17.4 26.0

71 39.7 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: BF138981.D

Acq: 13 Aug 2024 19:03

Tgt Ion: 136 Resp: 177345

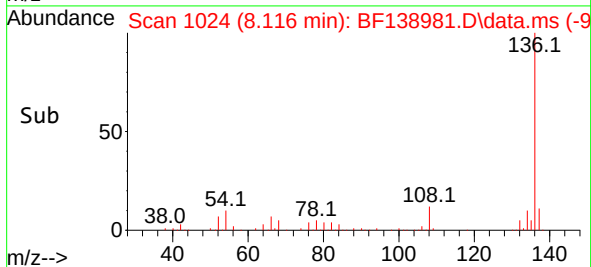
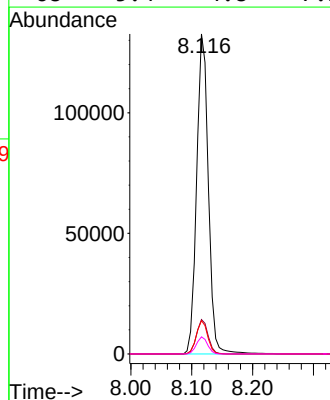
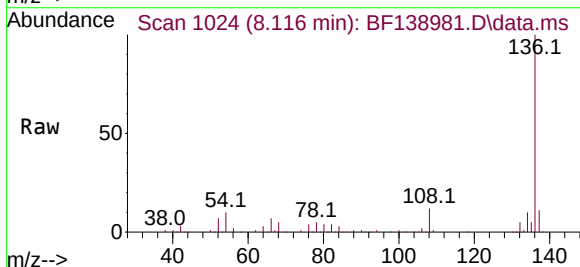
Ion Ratio Lower Upper

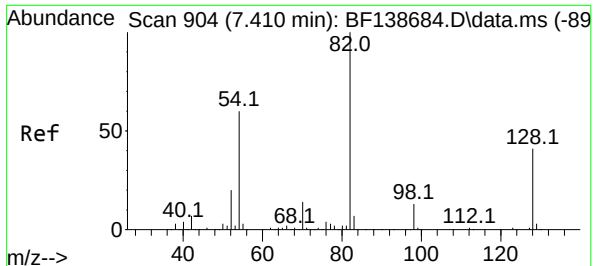
136 100

137 10.7 8.9 13.3

54 10.4 8.6 12.8

68 5.4 4.8 7.2

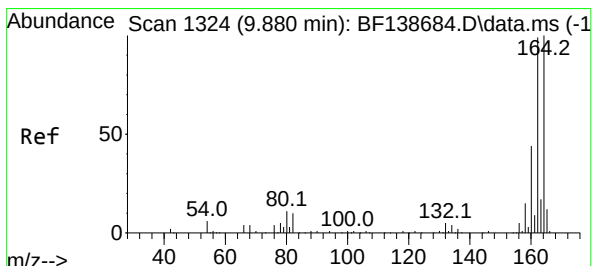
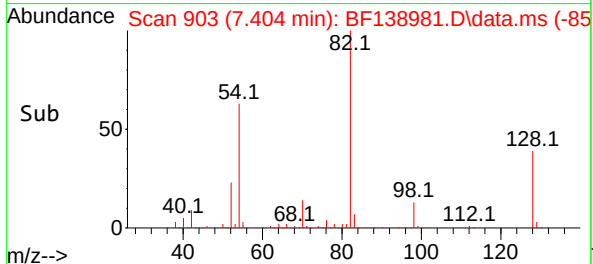
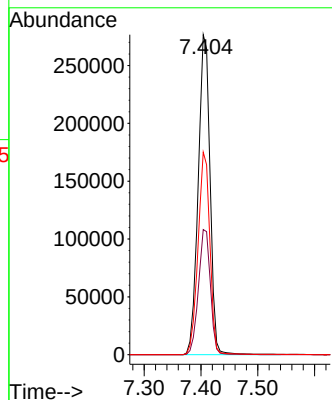
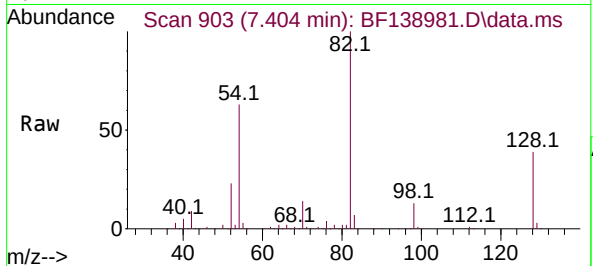




#23
 Nitrobenzene-d5
 Concen: 111.185 ng
 RT: 7.404 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: BF138981.D
 Acq: 13 Aug 2024 19:03

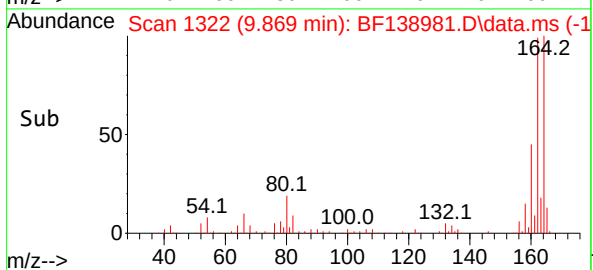
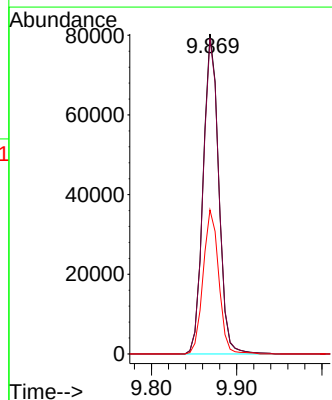
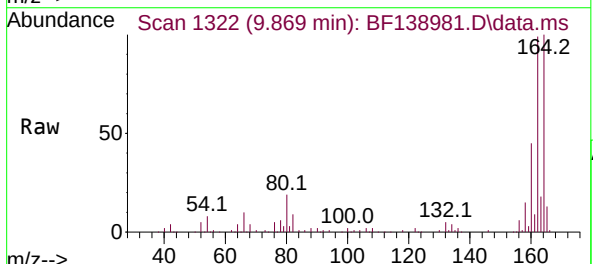
Instrument :
 BNA_F
 ClientSampleId :
 PB162660BL

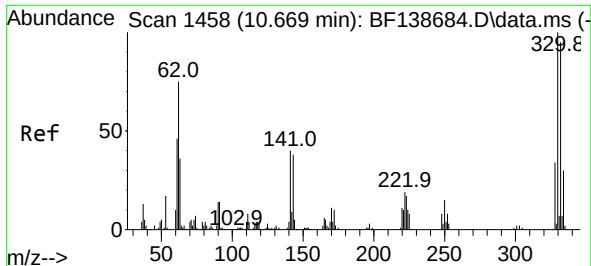
Tgt Ion: 82 Resp: 403305
 Ion Ratio Lower Upper
 82 100
 128 39.1 32.8 49.2
 54 63.3 48.3 72.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.869 min Scan# 1322
 Delta R.T. -0.011 min
 Lab File: BF138981.D
 Acq: 13 Aug 2024 19:03

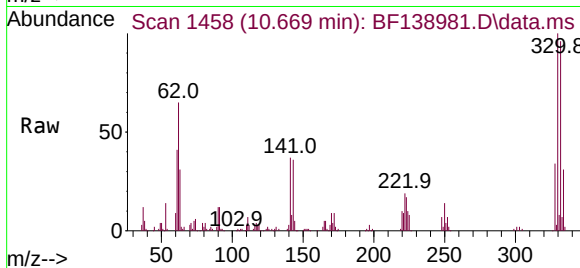
Tgt Ion:164 Resp: 101526
 Ion Ratio Lower Upper
 164 100
 162 98.6 79.4 119.0
 160 45.0 35.1 52.7



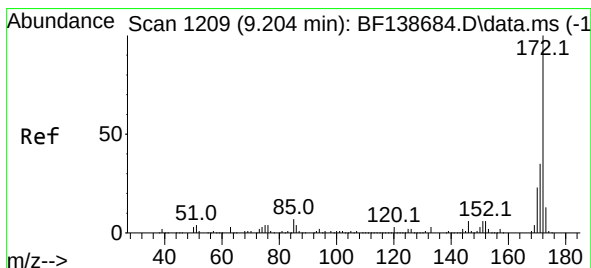
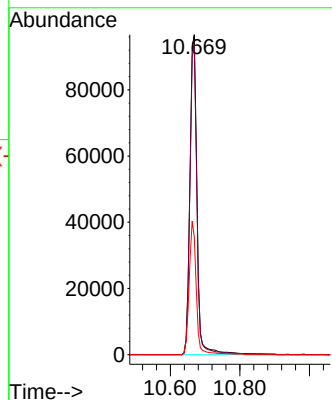
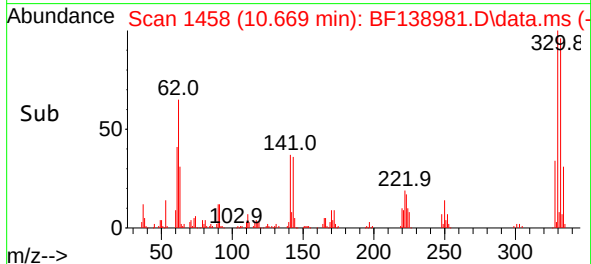


#42
2,4,6-Tribromophenol
Concen: 165.170 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138981.D
Acq: 13 Aug 2024 19:03

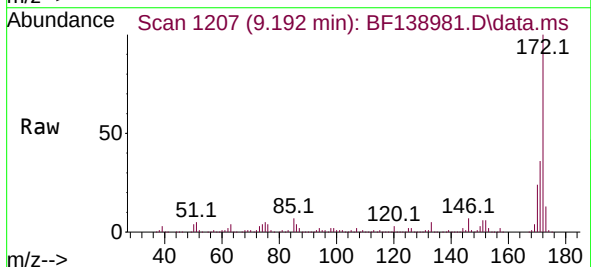
Instrument :
BNA_F
ClientSampleId :
PB162660BL



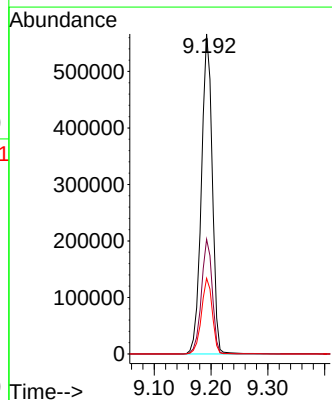
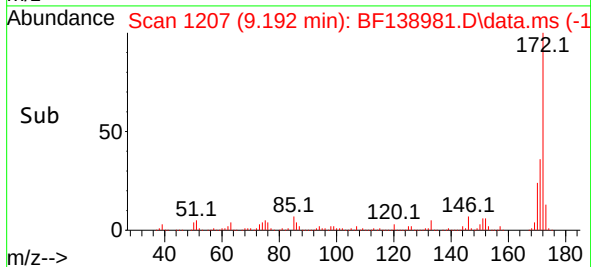
Tgt Ion: 330 Resp: 137361
Ion Ratio Lower Upper
330 100
332 95.0 76.4 114.6
141 41.1 31.1 46.7

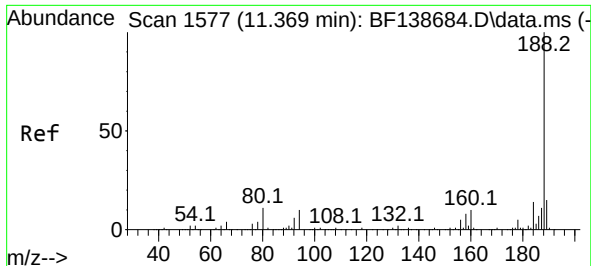


#45
2-Fluorobiphenyl
Concen: 111.806 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138981.D
Acq: 13 Aug 2024 19:03



Tgt Ion: 172 Resp: 755491
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.7 18.8 28.2

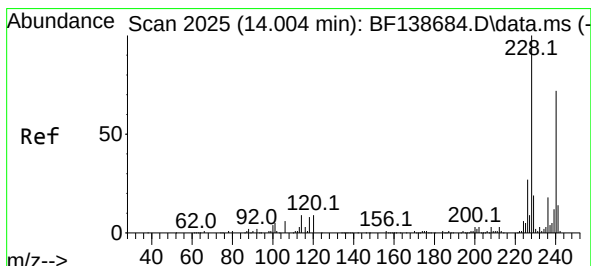
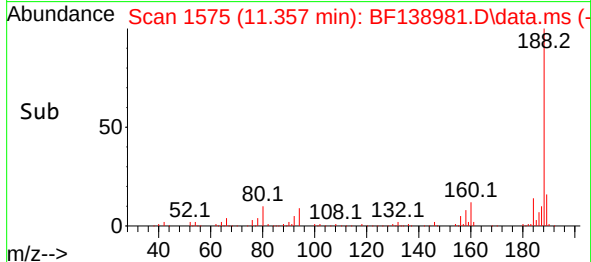
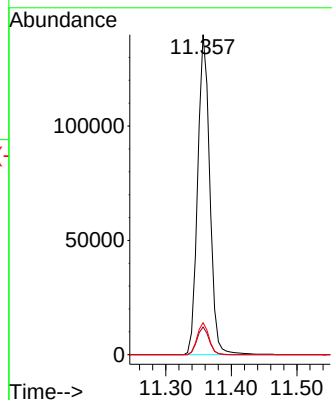
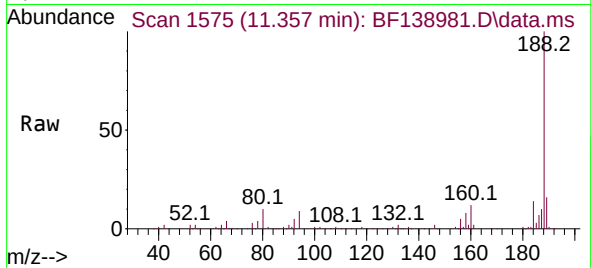




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138981.D
Acq: 13 Aug 2024 19:03

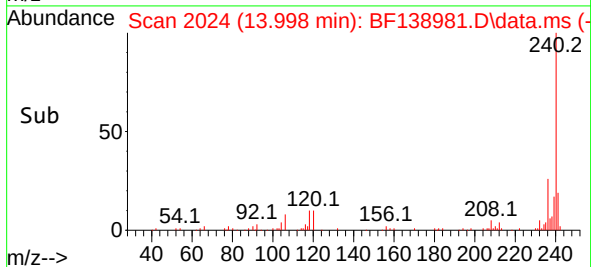
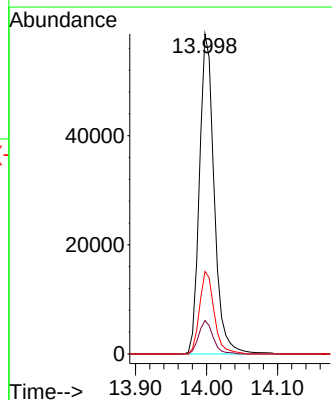
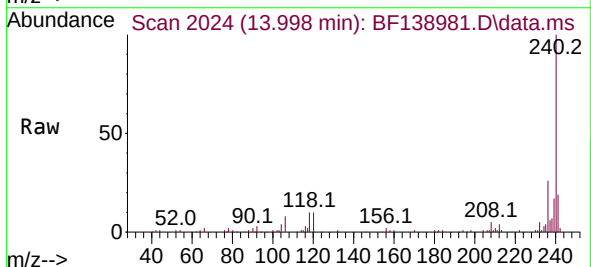
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PB162660BL

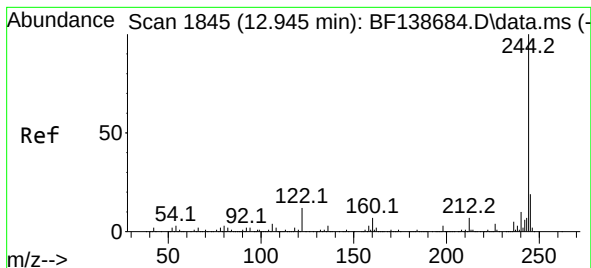
Tgt Ion:188 Resp: 180088
Ion Ratio Lower Upper
188 100
94 8.7 7.6 11.4
80 10.0 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138981.D
Acq: 13 Aug 2024 19:03

Tgt Ion:240 Resp: 84713
Ion Ratio Lower Upper
240 100
120 10.4 10.2 15.4
236 25.7 19.8 29.8





#79

Terphenyl-d14

Concen: 147.557 ng

RT: 12.945 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BF138981.D

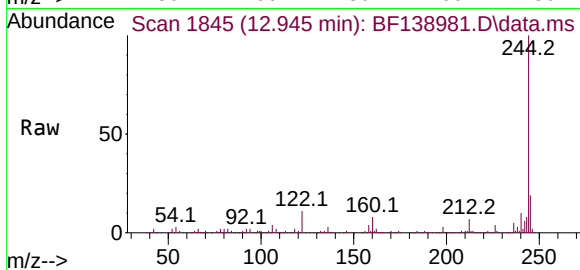
Acq: 13 Aug 2024 19:03

Instrument :

BNA_F

ClientSampleId :

PB162660BL



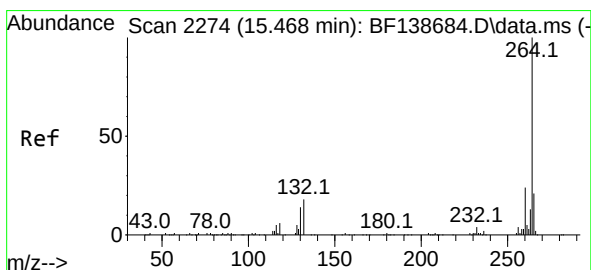
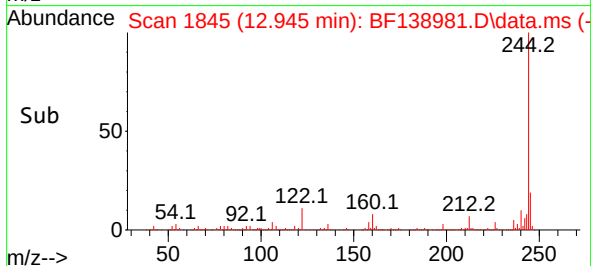
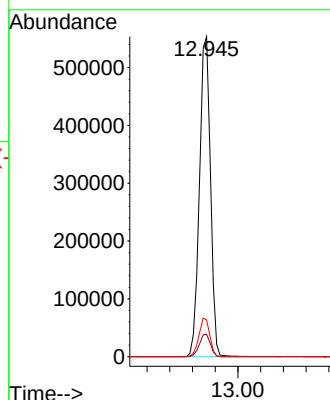
Tgt Ion:244 Resp: 746593

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.5 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: BF138981.D

Acq: 13 Aug 2024 19:03

Tgt Ion:264 Resp: 66354

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 21.0 17.0 25.6

