

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138813.D
 Acq On : 06 Aug 2024 18:29
 Operator : RC/JU
 Sample : PB162473BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162473BL

Quant Time: Aug 06 19:35:53 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	49996	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	216402	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	126625	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	244189	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	160053	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	110504	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	459247	141.795	ng	0.01
7) Phenol-d6	6.487	99	616171	141.699	ng	0.00
23) Nitrobenzene-d5	7.404	82	391471	88.444	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	161647	155.845	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	763775	90.627	ng	0.00
79) Terphenyl-d14	12.945	244	961244	100.553	ng	0.00

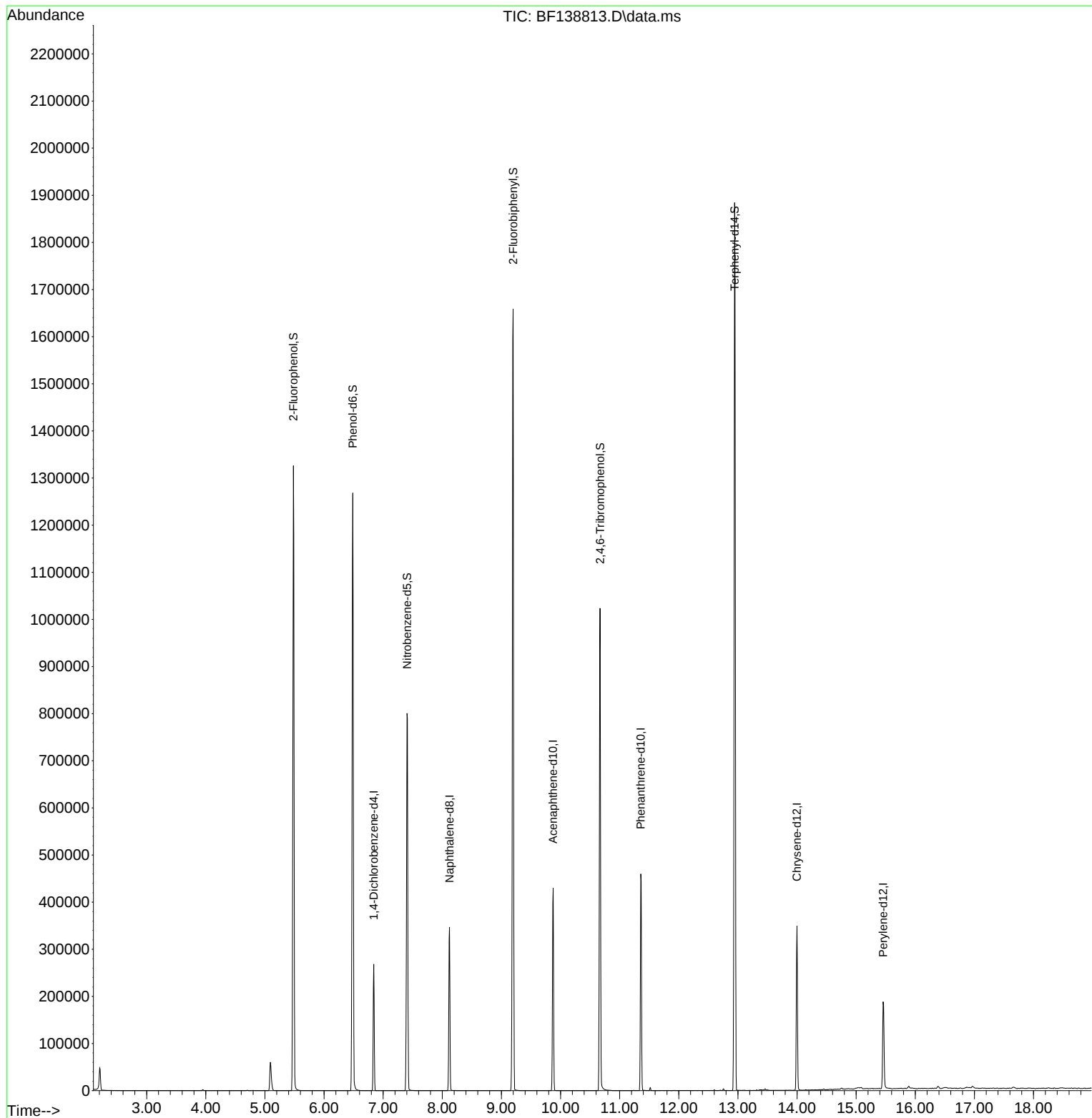
Target Compounds	Qvalue

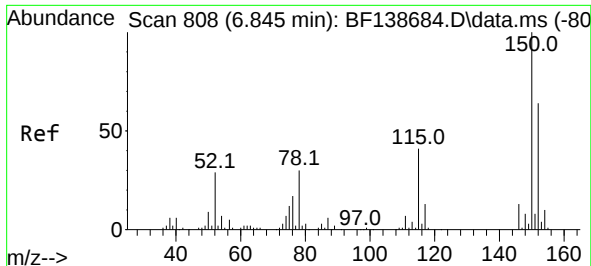
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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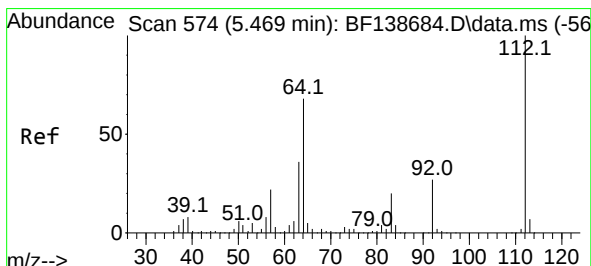
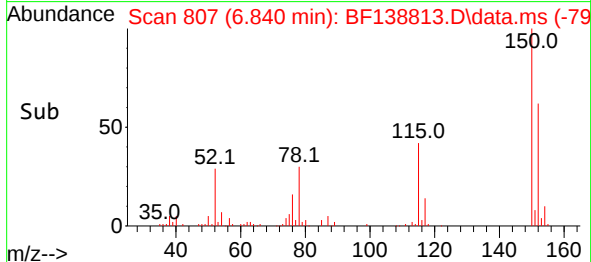
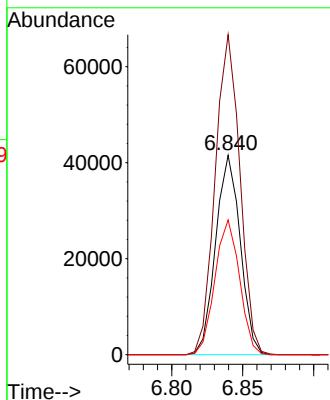
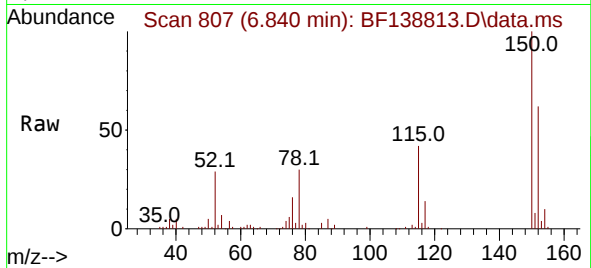




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138813.D
Acq: 06 Aug 2024 18:29

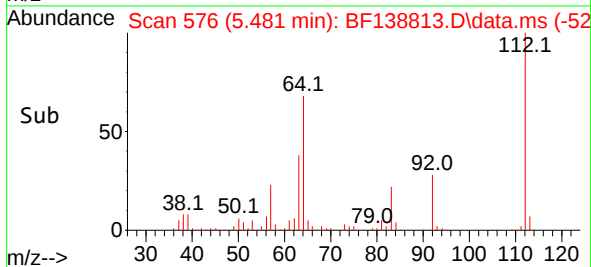
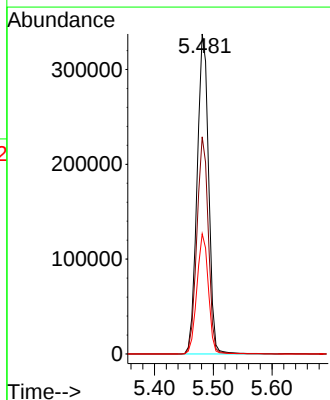
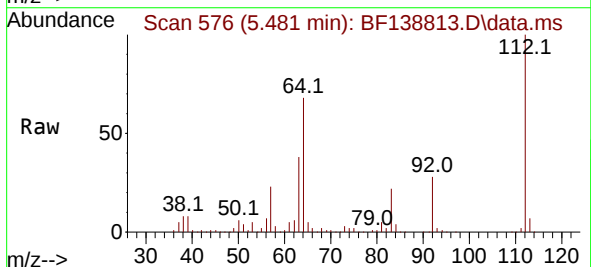
Instrument :
BNA_F
ClientSampleId :
PB162473BL

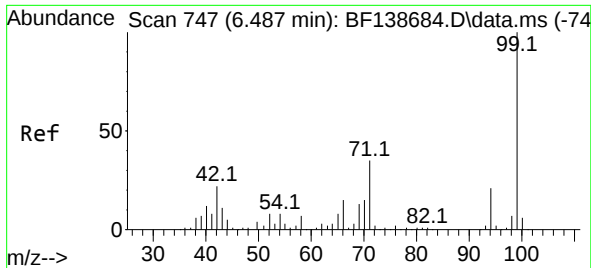
Tgt Ion:152 Resp: 49996
Ion Ratio Lower Upper
152 100
150 160.4 126.0 189.0
115 67.5 51.7 77.5



#5
2-Fluorophenol
Concen: 141.795 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138813.D
Acq: 06 Aug 2024 18:29

Tgt Ion:112 Resp: 459247
Ion Ratio Lower Upper
112 100
64 67.9 54.2 81.4
63 37.5 28.7 43.1

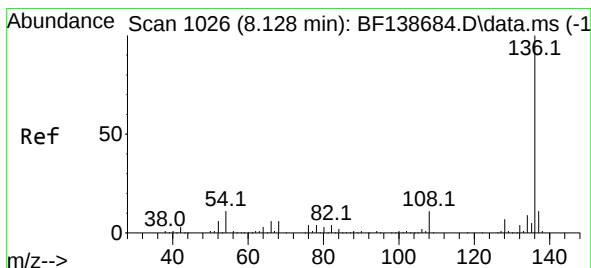
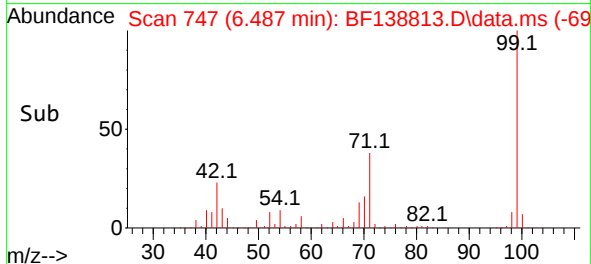
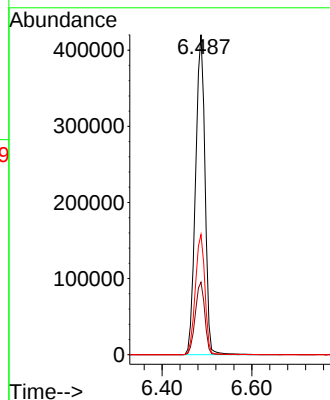
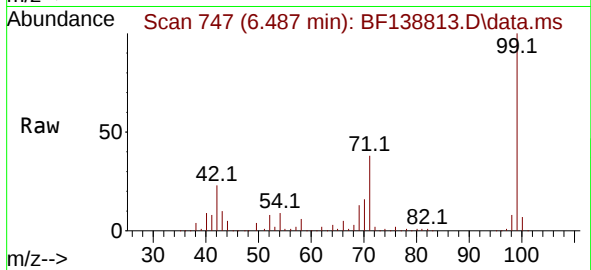




#7
Phenol-d6
Concen: 141.699 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138813.D
Acq: 06 Aug 2024 18:29

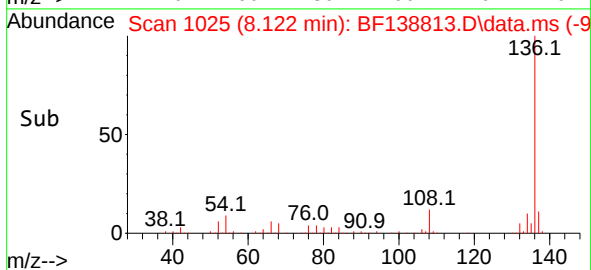
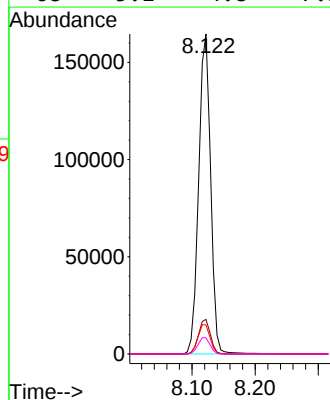
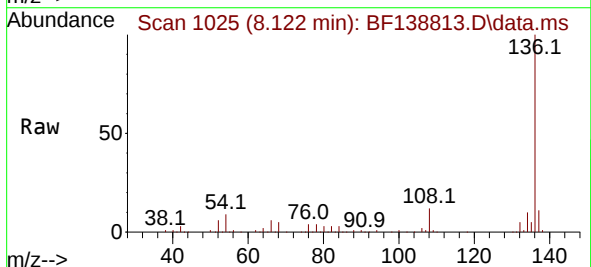
Instrument :
BNA_F
ClientSampleId :
PB162473BL

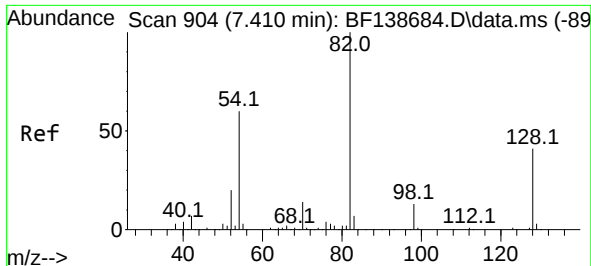
Tgt Ion: 99 Resp: 616171
Ion Ratio Lower Upper
99 100
42 22.7 17.4 26.0
71 37.6 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138813.D
Acq: 06 Aug 2024 18:29

Tgt Ion: 136 Resp: 216402
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.1 8.6 12.8
68 5.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 88.444 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138813.D

Acq: 06 Aug 2024 18:29

Instrument :

BNA_F

ClientSampleId :

PB162473BL

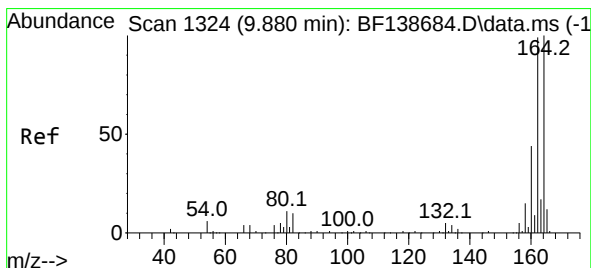
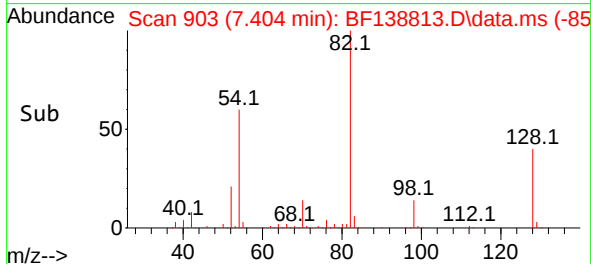
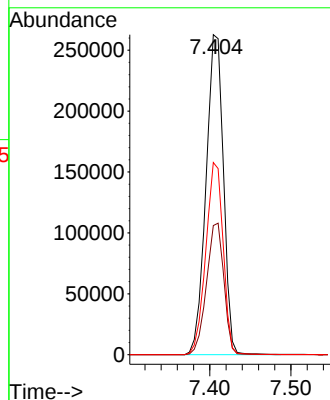
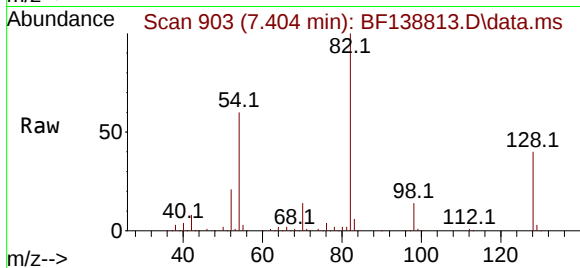
Tgt Ion: 82 Resp: 391471

Ion Ratio Lower Upper

82 100

128 40.3 32.8 49.2

54 60.1 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF138813.D

Acq: 06 Aug 2024 18:29

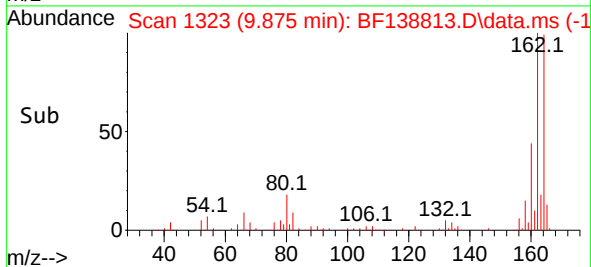
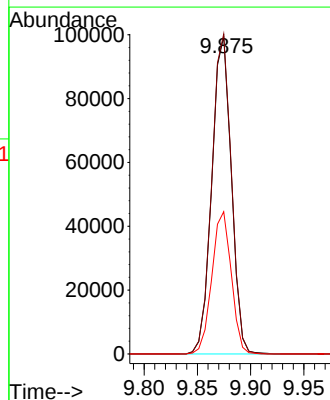
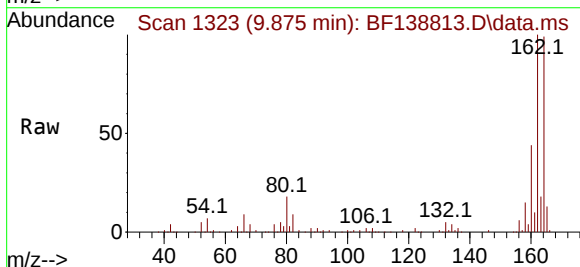
Tgt Ion:164 Resp: 126625

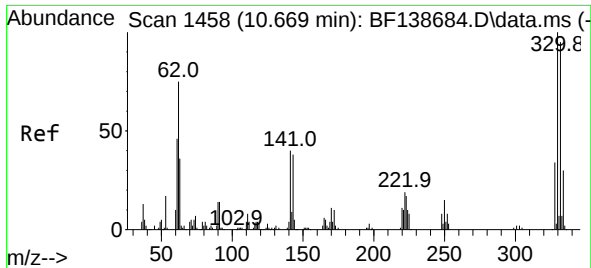
Ion Ratio Lower Upper

164 100

162 100.8 79.4 119.0

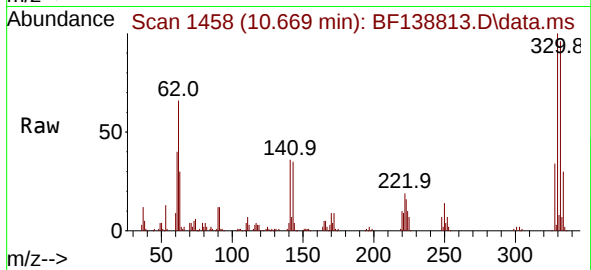
160 44.8 35.1 52.7



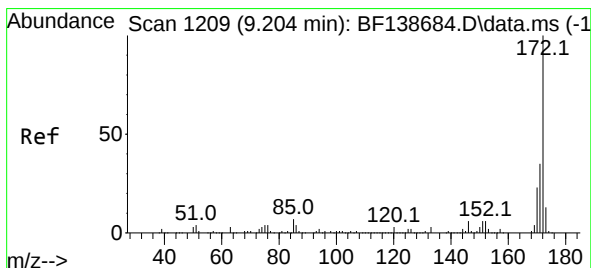
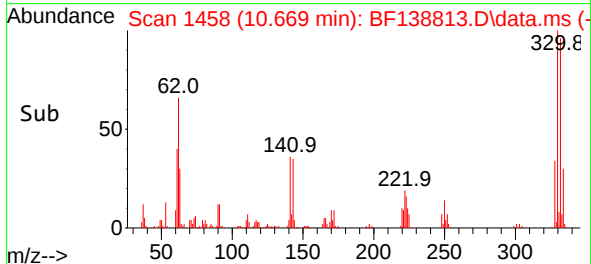
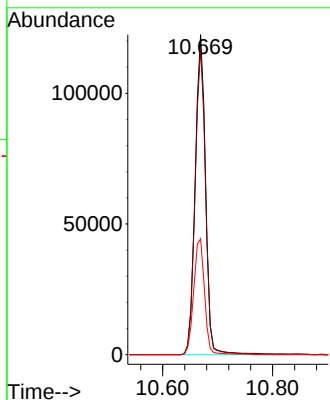


#42
2,4,6-Tribromophenol
Concen: 155.845 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138813.D
Acq: 06 Aug 2024 18:29

Instrument :
BNA_F
ClientSampleId :
PB162473BL

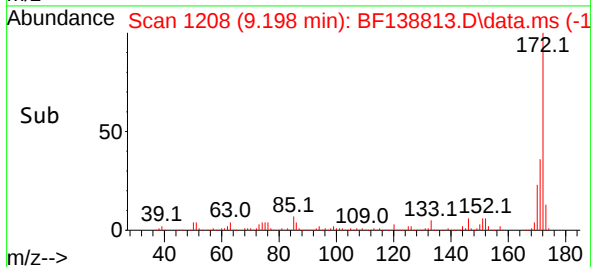
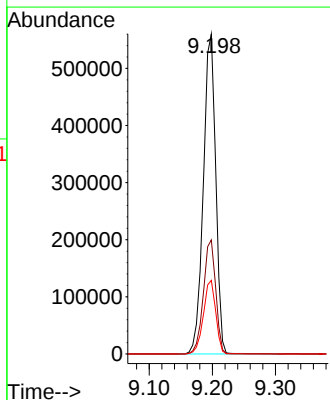
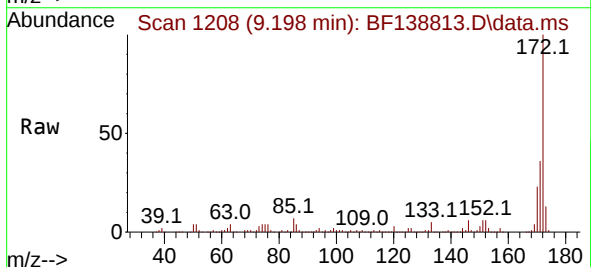


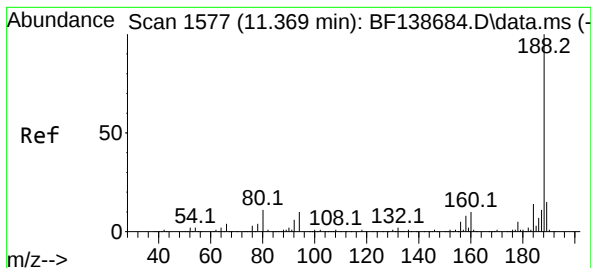
Tgt Ion:330 Resp: 161647
Ion Ratio Lower Upper
330 100
332 96.5 76.4 114.6
141 37.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 90.627 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138813.D
Acq: 06 Aug 2024 18:29

Tgt Ion:172 Resp: 763775
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.0 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: BF138813.D

Acq: 06 Aug 2024 18:29

Instrument :

BNA_F

ClientSampleId :

PB162473BL

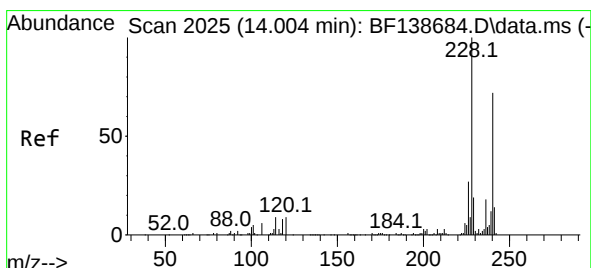
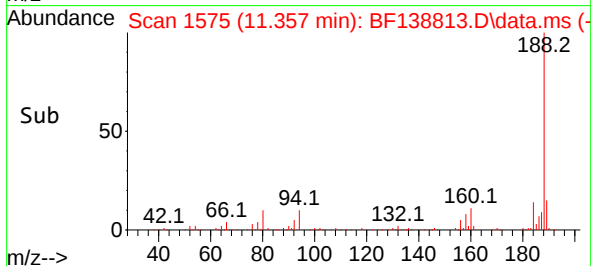
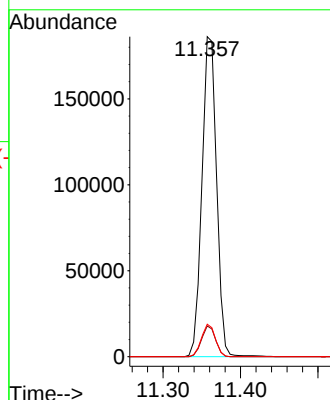
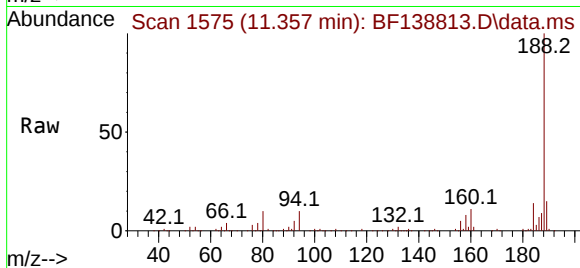
Tgt Ion:188 Resp: 244189

Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

80 10.2 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: BF138813.D

Acq: 06 Aug 2024 18:29

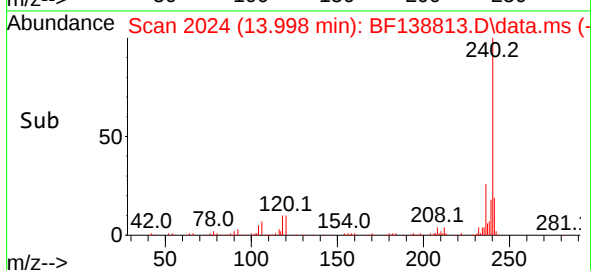
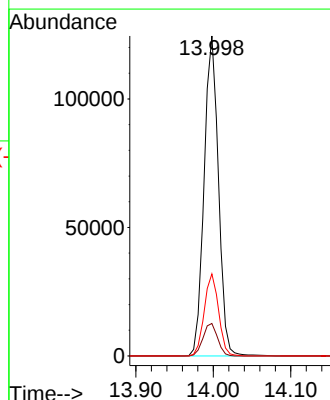
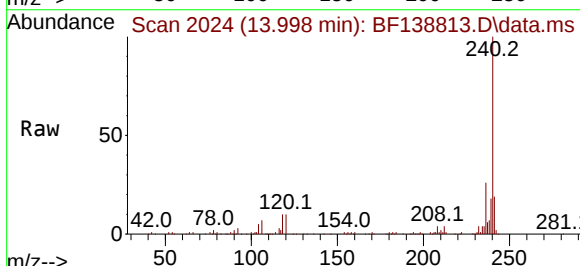
Tgt Ion:240 Resp: 160053

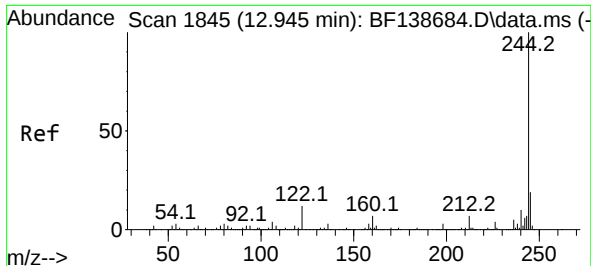
Ion Ratio Lower Upper

240 100

120 10.1 10.2 15.4#

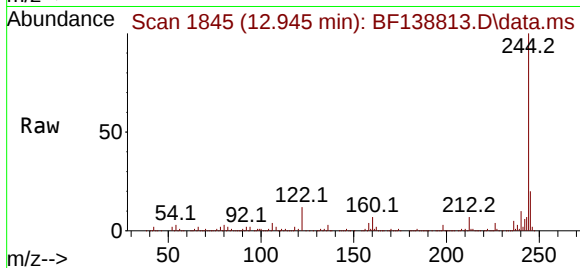
236 25.6 19.8 29.8



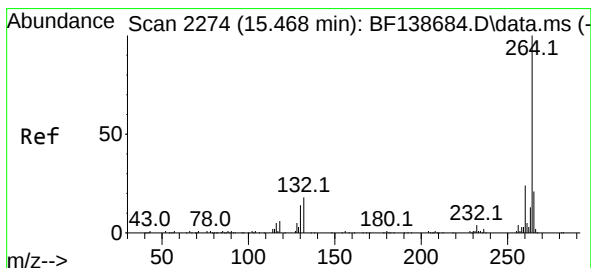
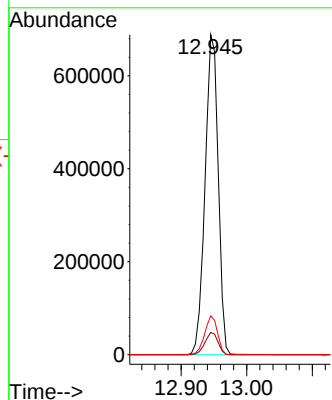
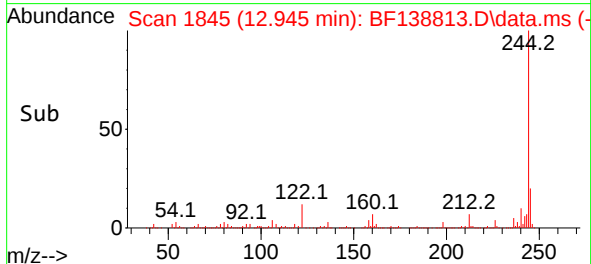


#79
 Terphenyl-d14
 Concen: 100.553 ng
 RT: 12.945 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF138813.D
 Acq: 06 Aug 2024 18:29

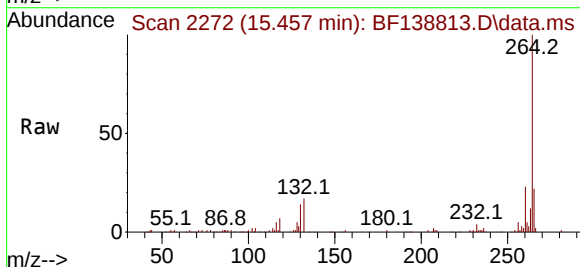
Instrument :
 BNA_F
 ClientSampleId :
 PB162473BL



Tgt Ion:244 Resp: 961244
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 12.2 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF138813.D
 Acq: 06 Aug 2024 18:29



Tgt Ion:264 Resp: 110504
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.7 17.0 25.6

