

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138737.D
Acq On : 02 Aug 2024 09:43
Operator : RC/JU
Sample : PB162320BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB162320BL

Quant Time: Aug 02 10:56:32 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	6.845	152	77621	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	313051	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	178650	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	331005	20.000	ng	0.00
76) Chrysene-d12	14.004	240	223684	20.000	ng	0.00
86) Perylene-d12	15.474	264	162079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	697661	138.744	ng	0.01
7) Phenol-d6	6.487	99	932579	138.136	ng	0.00
23) Nitrobenzene-d5	7.410	82	609722	95.224	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	220167	150.451	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1065317	89.596	ng	0.00
79) Terphenyl-d14	12.957	244	1290983	96.630	ng	0.01

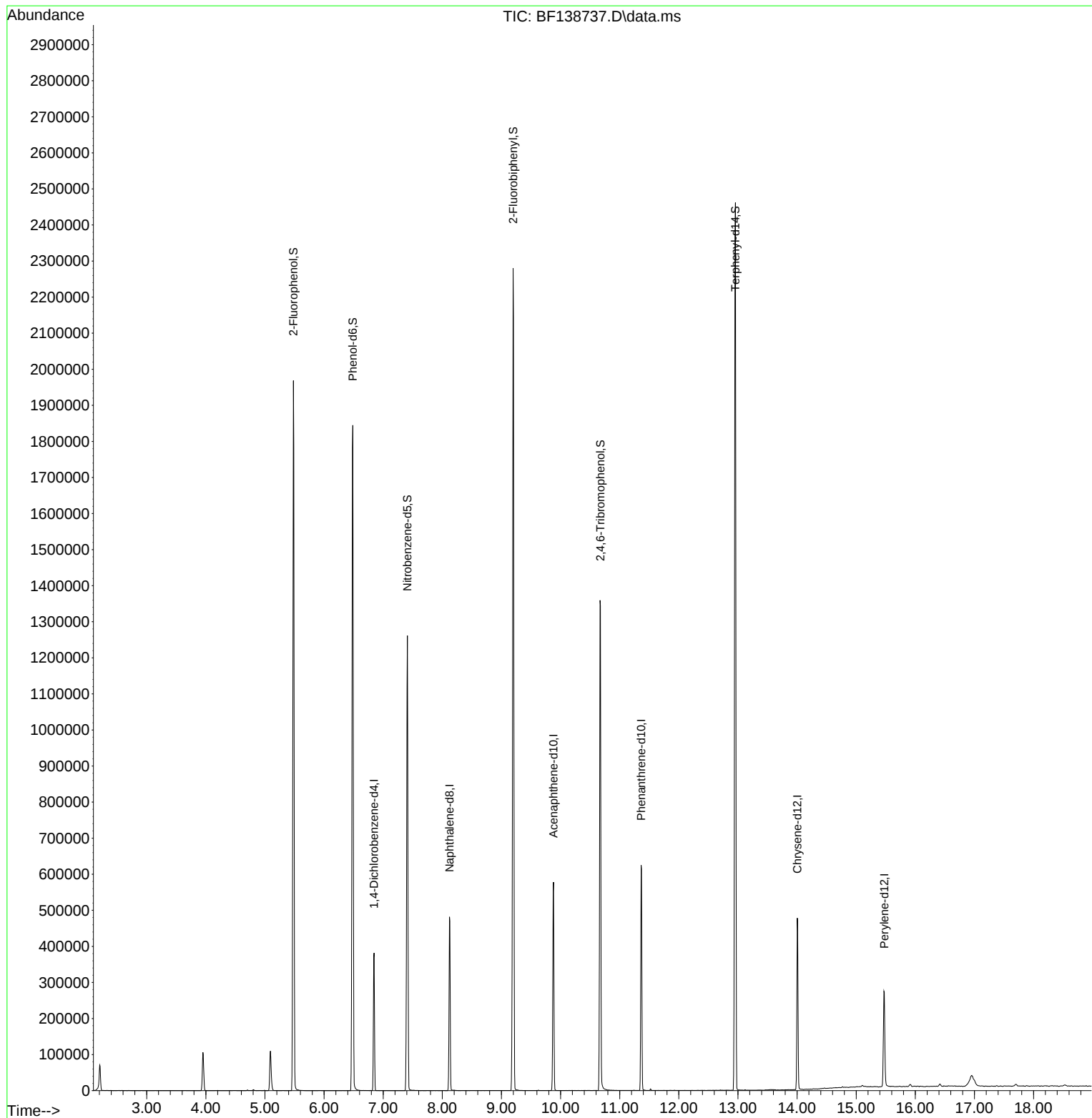
Target Compounds	Qvalue

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

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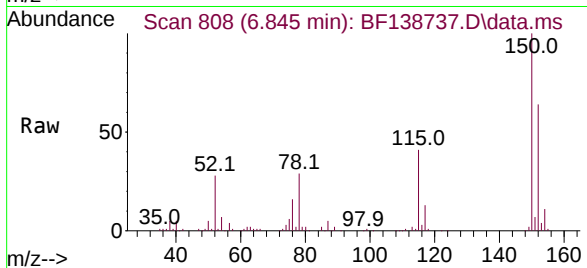
Quant Time: Aug 02 10:56:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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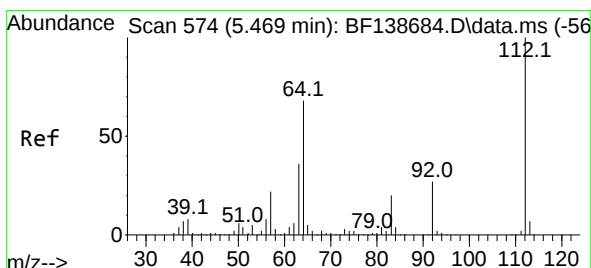
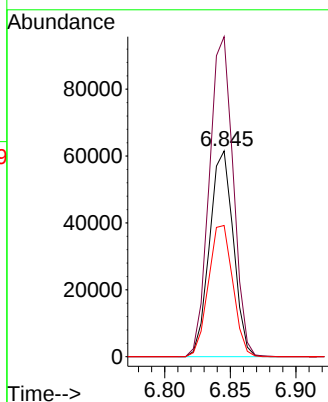
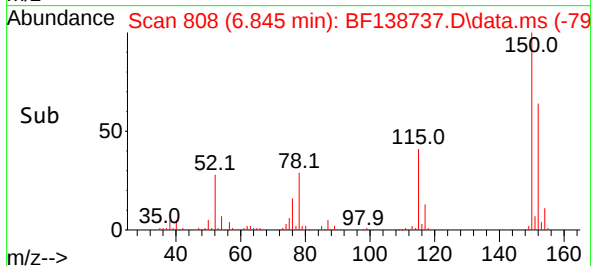


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138737.D
Acq: 02 Aug 2024 09:43

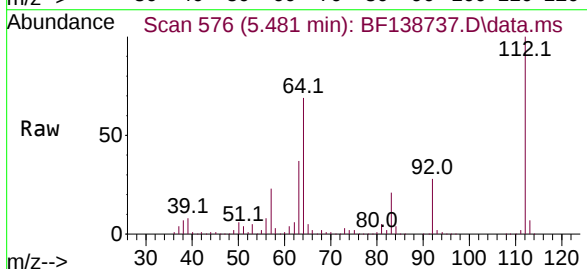
Instrument :
BNA_F
ClientSampleId :
PB162320BL



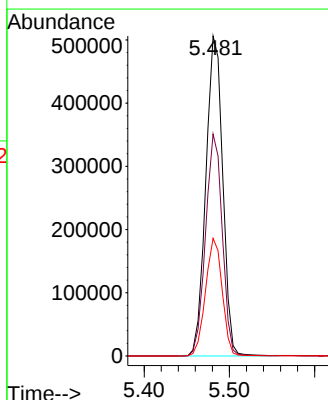
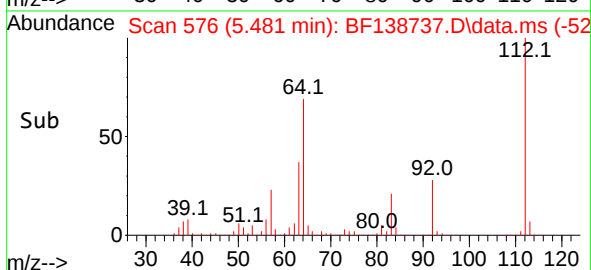
Tgt Ion:152 Resp: 77621
Ion Ratio Lower Upper
152 100
150 155.6 126.0 189.0
115 63.8 51.7 77.5

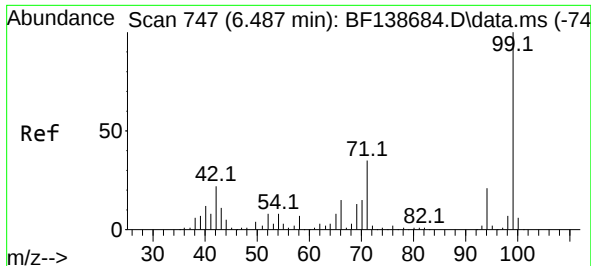


#5
2-Fluorophenol
Concen: 138.744 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138737.D
Acq: 02 Aug 2024 09:43



Tgt Ion:112 Resp: 697661
Ion Ratio Lower Upper
112 100
64 69.4 54.2 81.4
63 36.8 28.7 43.1

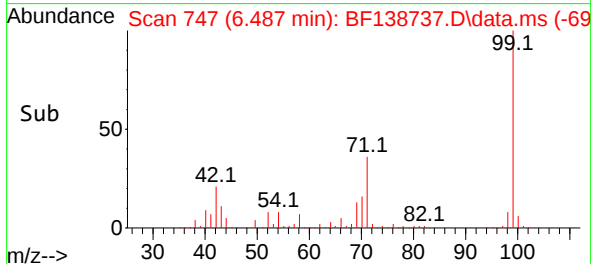
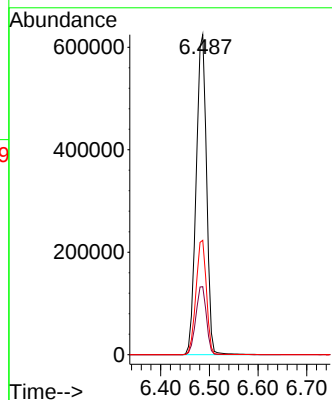
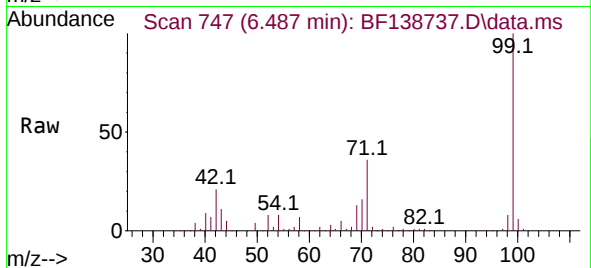




#7
Phenol-d6
Concen: 138.136 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138737.D
Acq: 02 Aug 2024 09:43

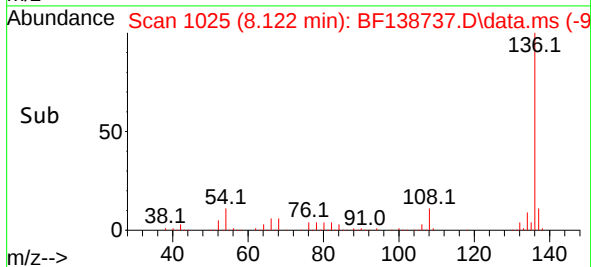
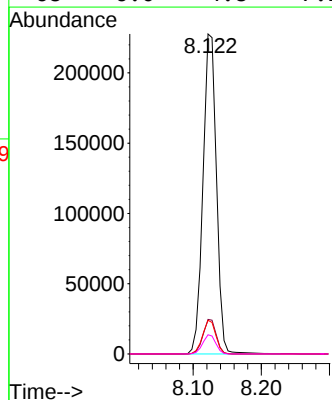
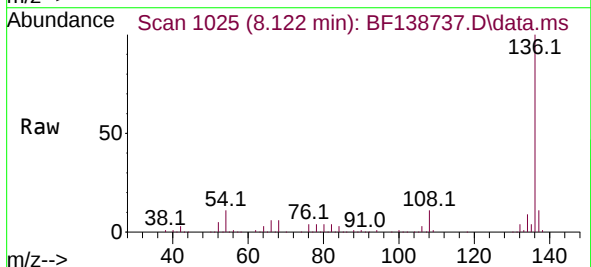
Instrument :
BNA_F
ClientSampleId :
PB162320BL

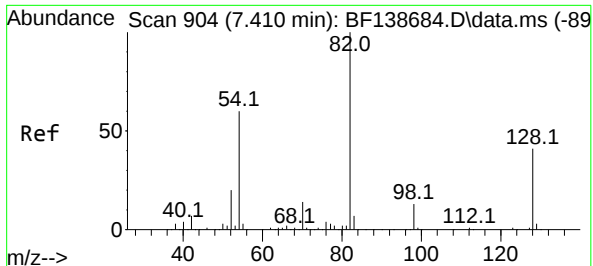
Tgt Ion: 99 Resp: 932579
Ion Ratio Lower Upper
99 100
42 21.3 17.4 26.0
71 35.8 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138737.D
Acq: 02 Aug 2024 09:43

Tgt Ion: 136 Resp: 313051
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.5 8.6 12.8
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 95.224 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138737.D

Acq: 02 Aug 2024 09:43

Instrument :

BNA_F

ClientSampleId :

PB162320BL

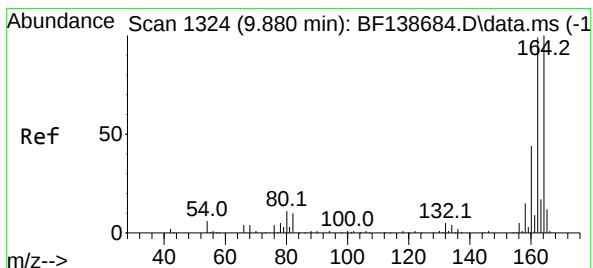
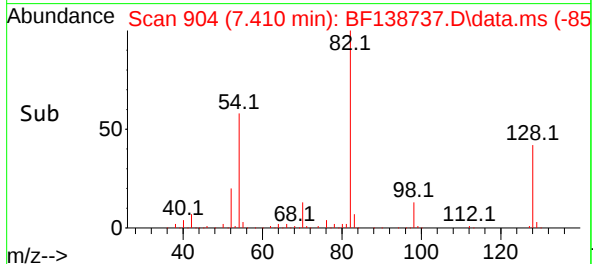
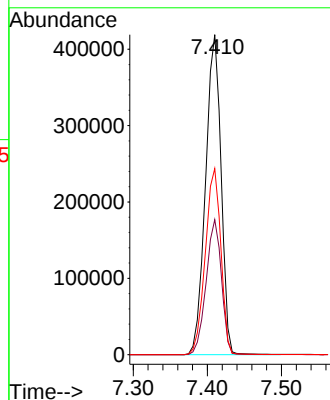
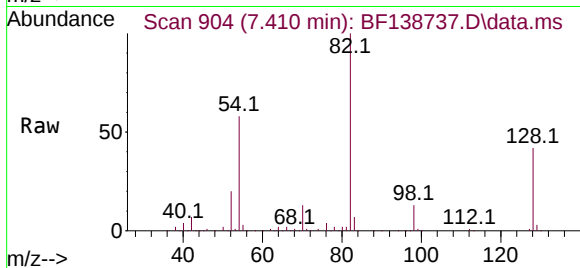
Tgt Ion: 82 Resp: 609722

Ion Ratio Lower Upper

82 100

128 42.2 32.8 49.2

54 58.1 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF138737.D

Acq: 02 Aug 2024 09:43

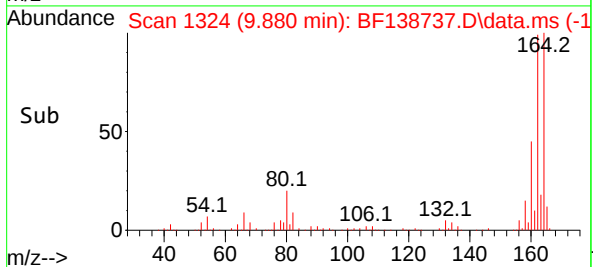
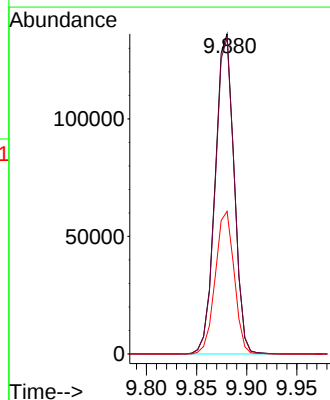
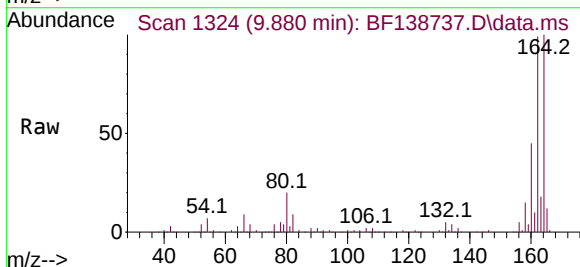
Tgt Ion:164 Resp: 178650

Ion Ratio Lower Upper

164 100

162 98.8 79.4 119.0

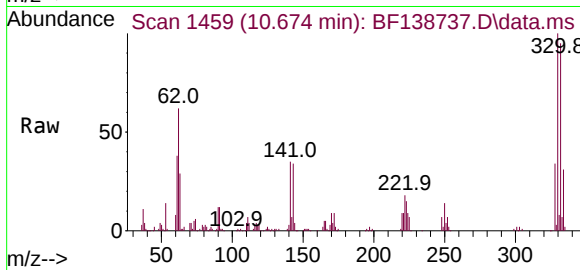
160 44.6 35.1 52.7



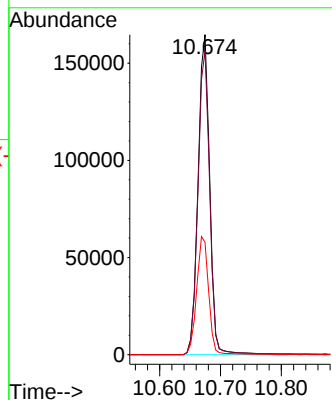
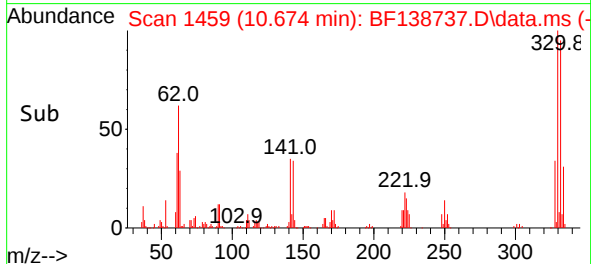


#42
2,4,6-Tribromophenol
Concen: 150.451 ng
RT: 10.674 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF138737.D
Acq: 02 Aug 2024 09:43

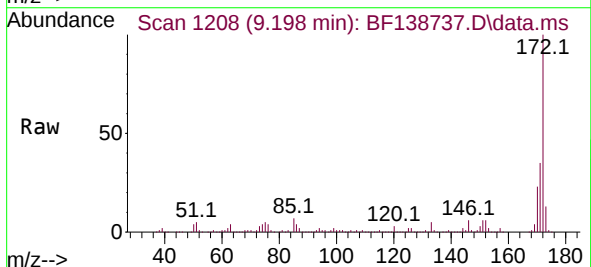
Instrument :
BNA_F
ClientSampleId :
PB162320BL



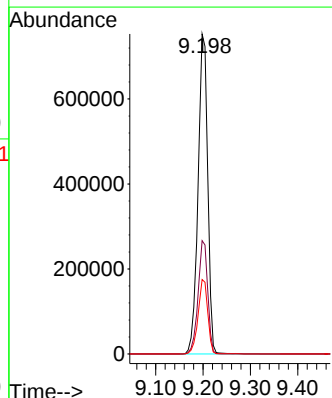
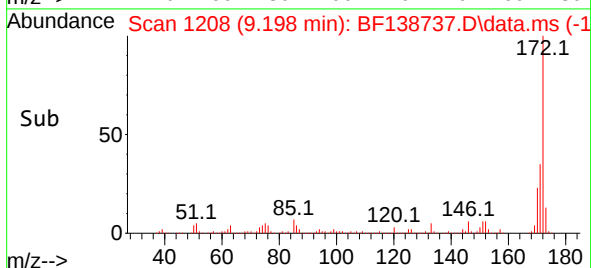
Tgt Ion:330 Resp: 220167
Ion Ratio Lower Upper
330 100
332 95.5 76.4 114.6
141 37.9 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 89.596 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138737.D
Acq: 02 Aug 2024 09:43



Tgt Ion:172 Resp: 1065317
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.2 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138737.D

Acq: 02 Aug 2024 09:43

Instrument :

BNA_F

ClientSampleId :

PB162320BL

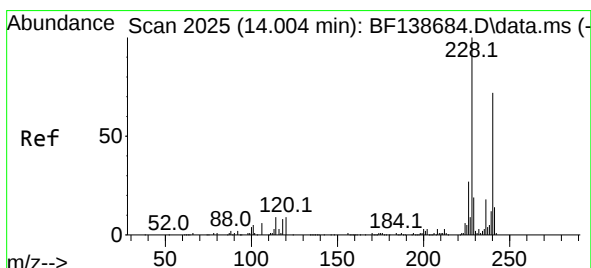
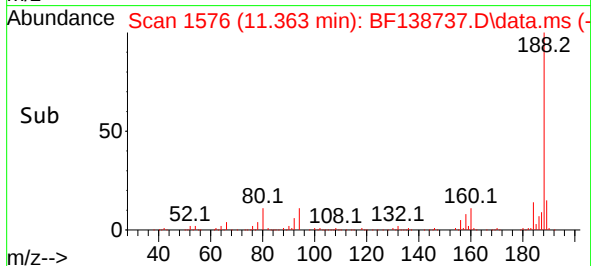
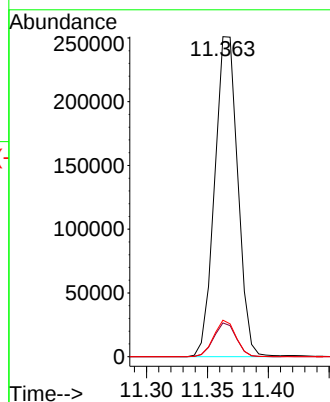
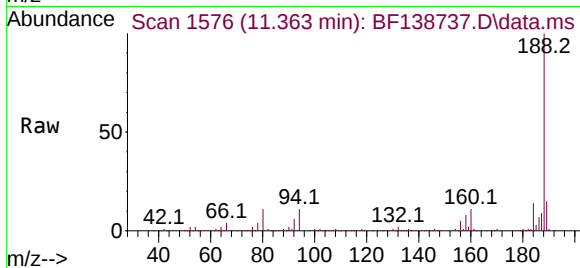
Tgt Ion:188 Resp: 331005

Ion Ratio Lower Upper

188 100

94 10.6 7.6 11.4

80 11.4 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF138737.D

Acq: 02 Aug 2024 09:43

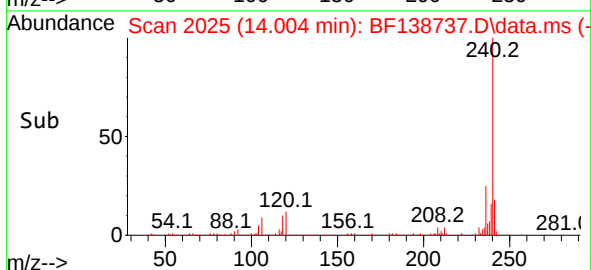
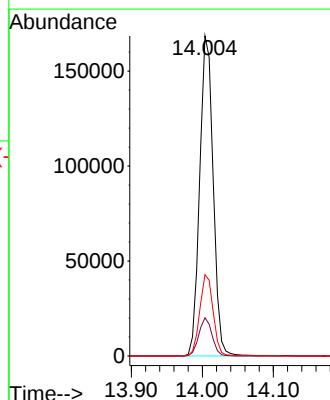
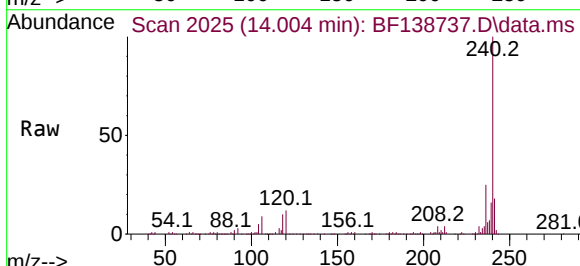
Tgt Ion:240 Resp: 223684

Ion Ratio Lower Upper

240 100

120 11.9 10.2 15.4

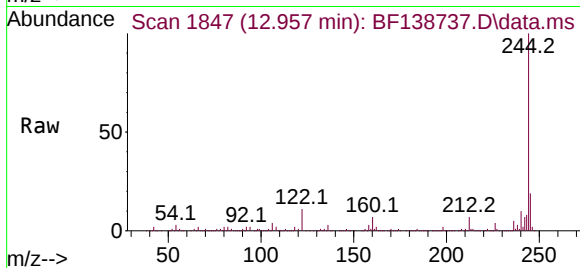
236 25.4 19.8 29.8



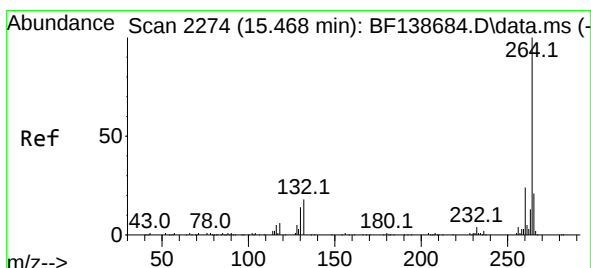
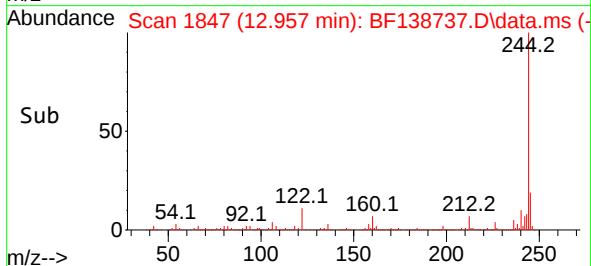
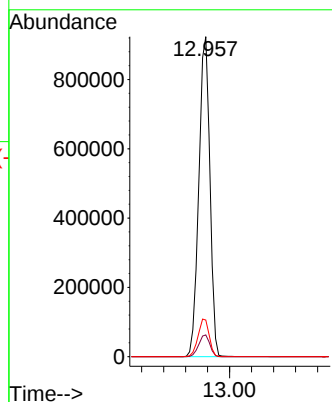


#79
 Terphenyl-d14
 Concen: 96.630 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF138737.D
 Acq: 02 Aug 2024 09:43

Instrument :
 BNA_F
 ClientSampleId :
 PB162320BL



Tgt Ion:244 Resp: 1290983
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.5 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. 0.006 min
 Lab File: BF138737.D
 Acq: 02 Aug 2024 09:43

Tgt Ion:264 Resp: 162079
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.1 17.0 25.6

