

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138806.D
 Acq On : 06 Aug 2024 13:19
 Operator : RC/JU
 Sample : PB162267TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162267TB

Quant Time: Aug 06 13:48:10 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	51259	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	214070	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	124665	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	235815	20.000	ng	0.00
76) Chrysene-d12	13.998	240	158113	20.000	ng	0.00
86) Perylene-d12	15.462	264	106451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	450960	135.805	ng	0.02
7) Phenol-d6	6.487	99	603175	135.293	ng	0.00
23) Nitrobenzene-d5	7.410	82	389048	88.854	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	161135	157.794	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	748330	90.191	ng	0.00
79) Terphenyl-d14	12.951	244	940607	99.601	ng	0.00

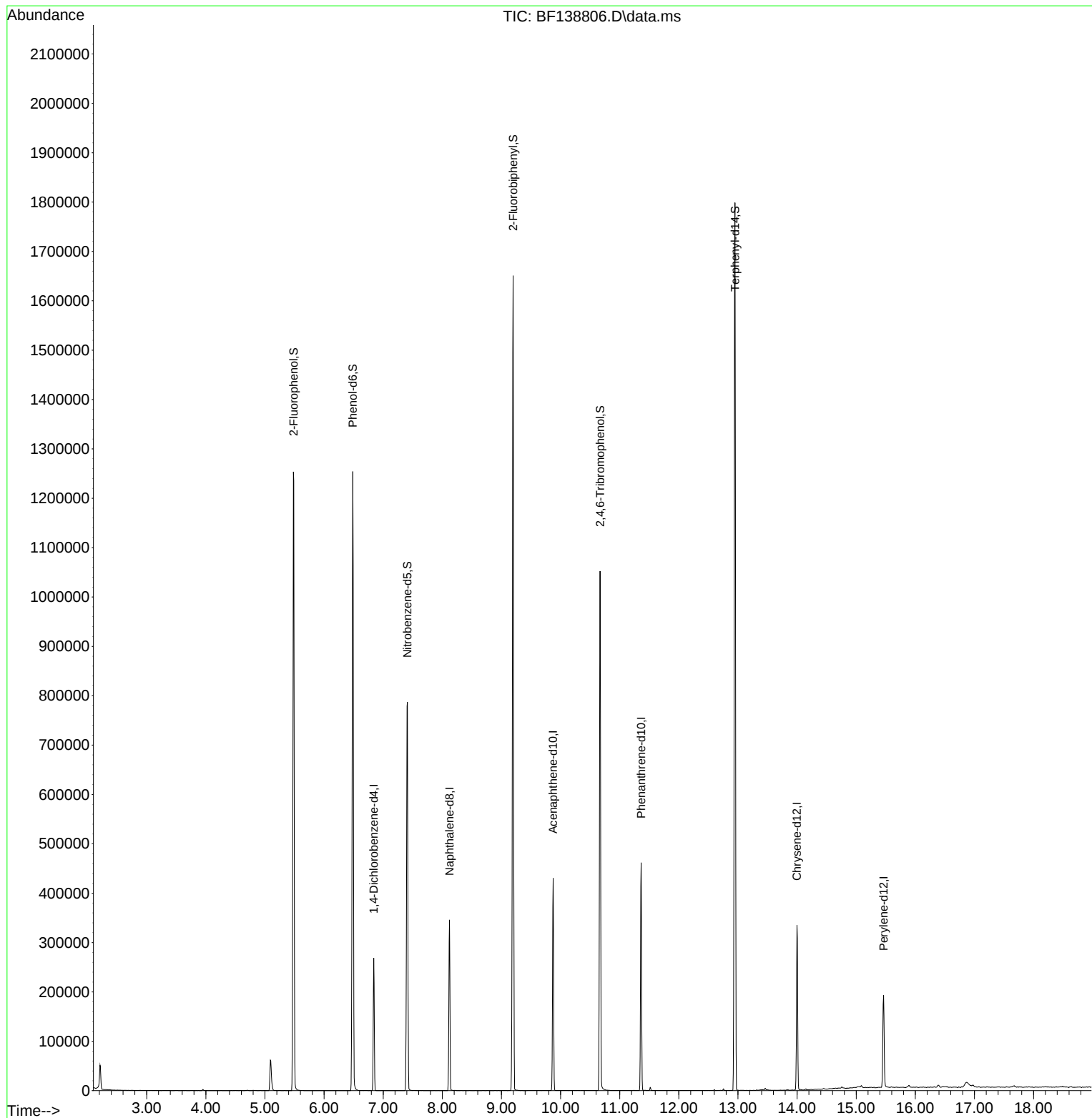
Target Compounds	Qvalue

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

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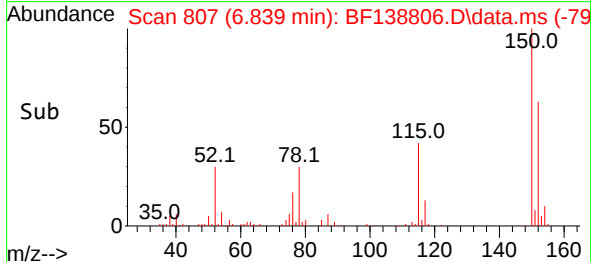
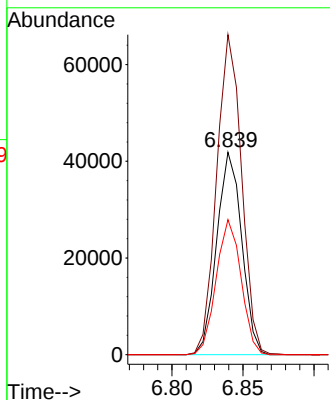
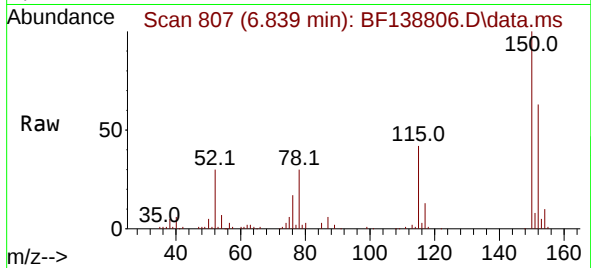




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138806.D
Acq: 06 Aug 2024 13:19

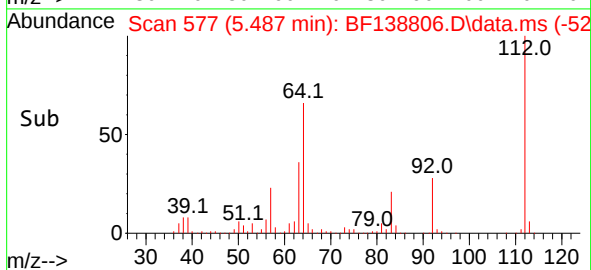
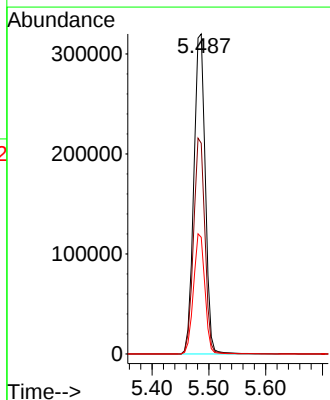
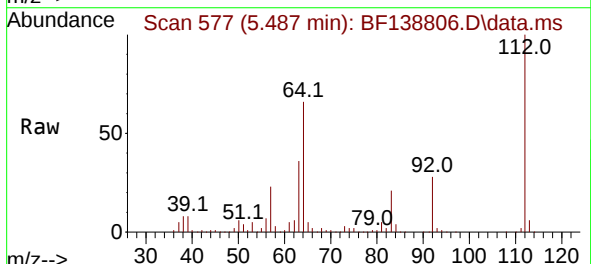
Instrument :
BNA_F
ClientSampleId :
PB162267TB

Tgt Ion:152 Resp: 51259
Ion Ratio Lower Upper
152 100
150 158.1 126.0 189.0
115 66.7 51.7 77.5



#5
2-Fluorophenol
Concen: 135.805 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138806.D
Acq: 06 Aug 2024 13:19

Tgt Ion:112 Resp: 450960
Ion Ratio Lower Upper
112 100
64 65.9 54.2 81.4
63 36.5 28.7 43.1

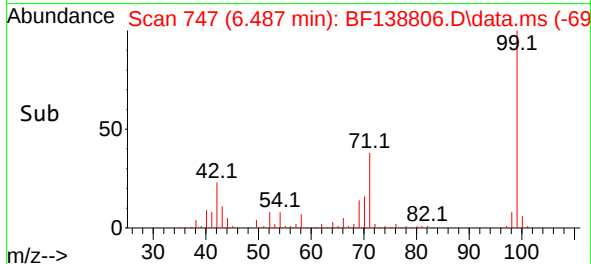
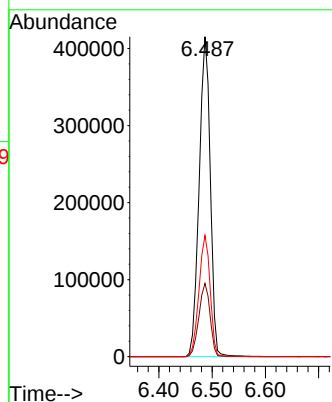
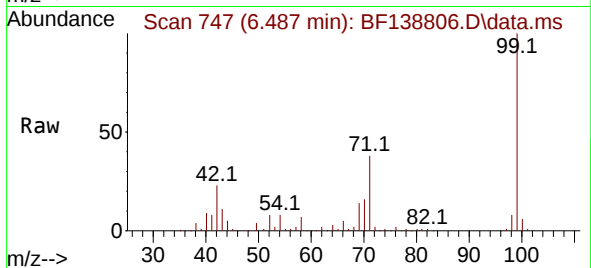




#7
Phenol-d6
Concen: 135.293 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138806.D
Acq: 06 Aug 2024 13:19

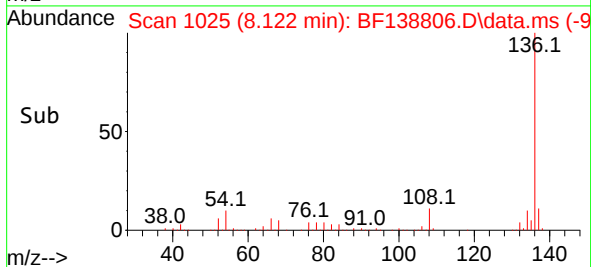
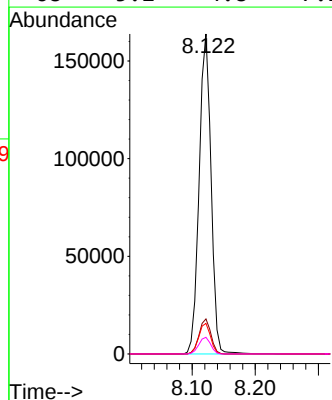
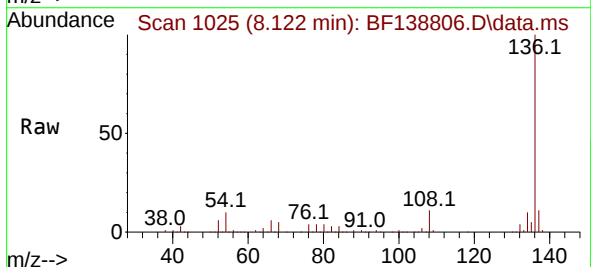
Instrument :
BNA_F
ClientSampleId :
PB162267TB

Tgt Ion: 99 Resp: 603175
Ion Ratio Lower Upper
99 100
42 22.9 17.4 26.0
71 37.9 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: BF138806.D
Acq: 06 Aug 2024 13:19

Tgt Ion: 136 Resp: 214070
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.6 8.6 12.8
68 5.2 4.8 7.2

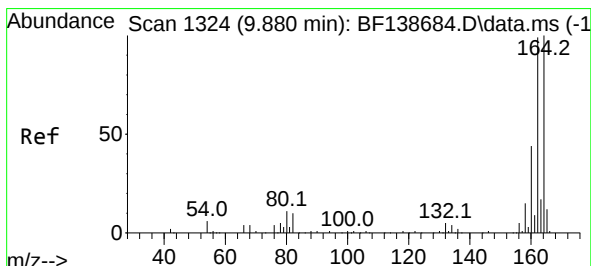
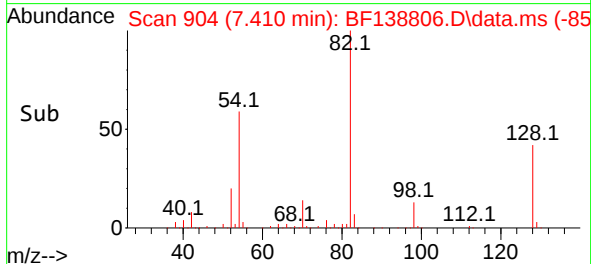
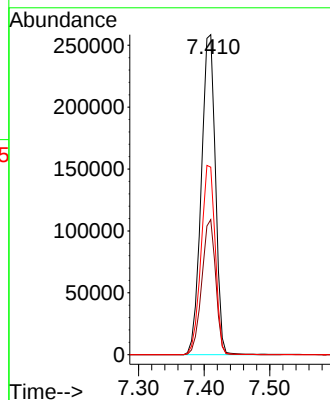
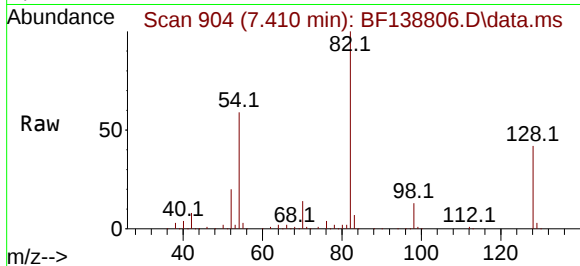




#23
 Nitrobenzene-d5
 Concen: 88.854 ng
 RT: 7.410 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: BF138806.D
 Acq: 06 Aug 2024 13:19

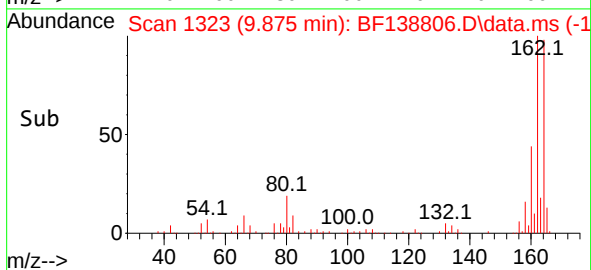
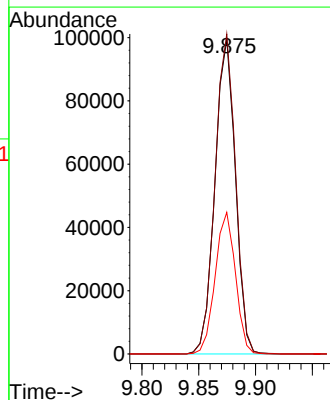
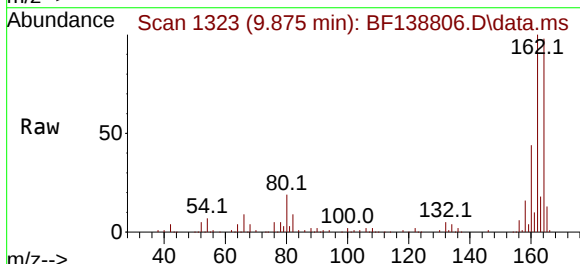
Instrument :
 BNA_F
 ClientSampleId :
 PB162267TB

Tgt Ion: 82 Resp: 389048
 Ion Ratio Lower Upper
 82 100
 128 42.2 32.8 49.2
 54 58.6 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: BF138806.D
 Acq: 06 Aug 2024 13:19

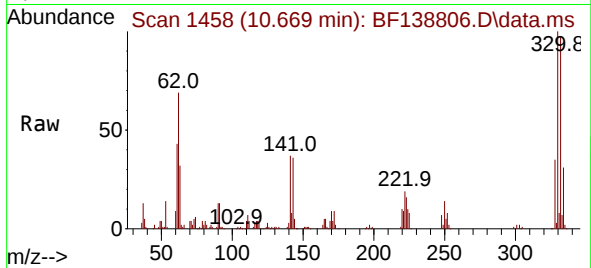
Tgt Ion:164 Resp: 124665
 Ion Ratio Lower Upper
 164 100
 162 101.7 79.4 119.0
 160 45.0 35.1 52.7



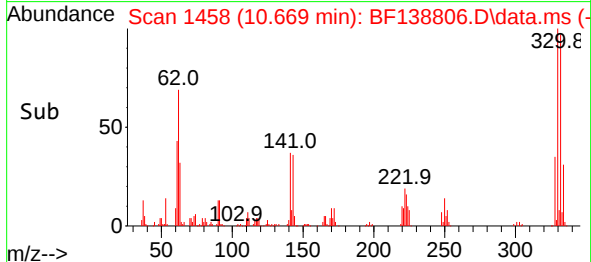
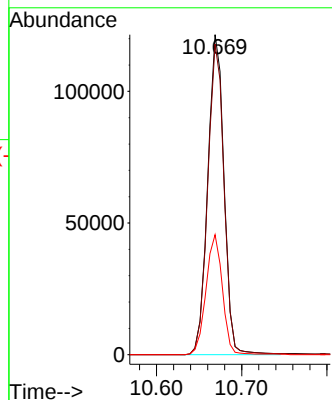


#42
2,4,6-Tribromophenol
Concen: 157.794 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138806.D
Acq: 06 Aug 2024 13:19

Instrument :
BNA_F
ClientSampleId :
PB162267TB

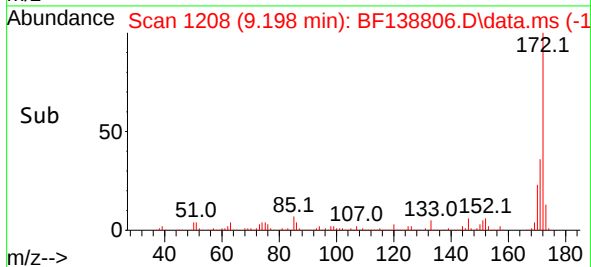
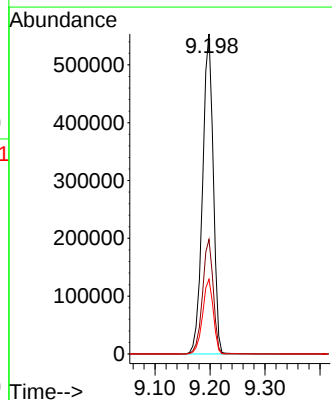
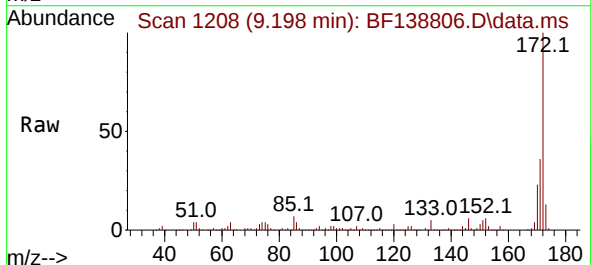


Tgt Ion:330 Resp: 161135
Ion Ratio Lower Upper
330 100
332 97.6 76.4 114.6
141 38.0 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 90.191 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138806.D
Acq: 06 Aug 2024 13:19

Tgt Ion:172 Resp: 748330
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.4 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: BF138806.D

Acq: 06 Aug 2024 13:19

Instrument :

BNA_F

ClientSampleId :

PB162267TB

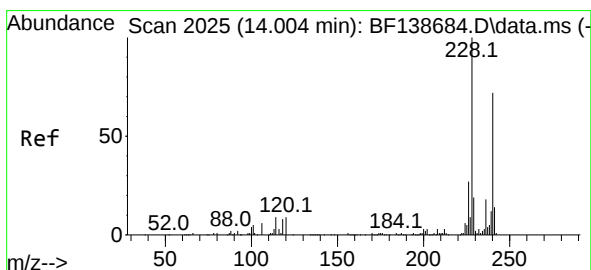
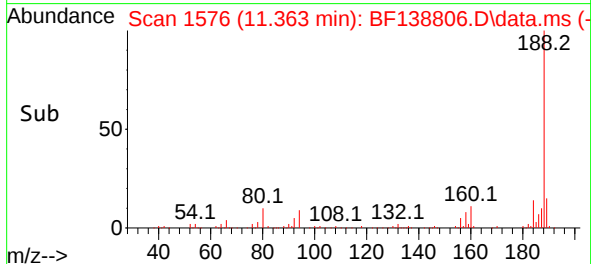
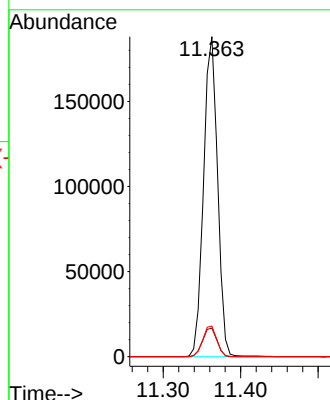
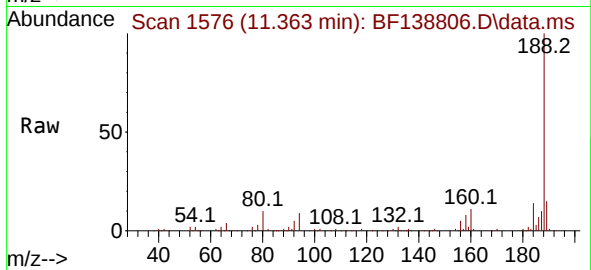
Tgt Ion:188 Resp: 235815

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 9.5 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: BF138806.D

Acq: 06 Aug 2024 13:19

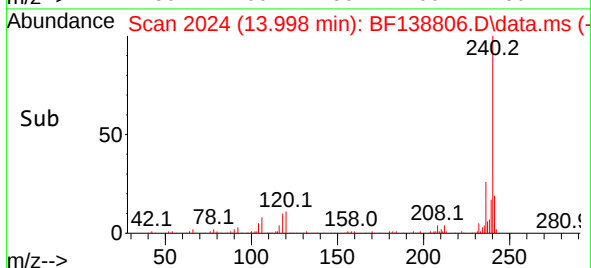
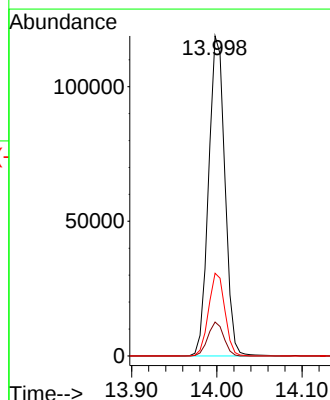
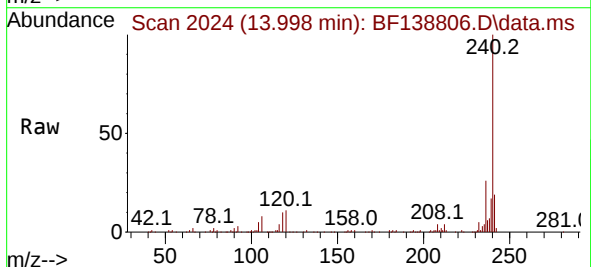
Tgt Ion:240 Resp: 158113

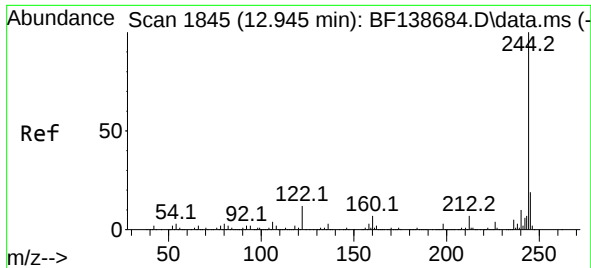
Ion Ratio Lower Upper

240 100

120 10.6 10.2 15.4

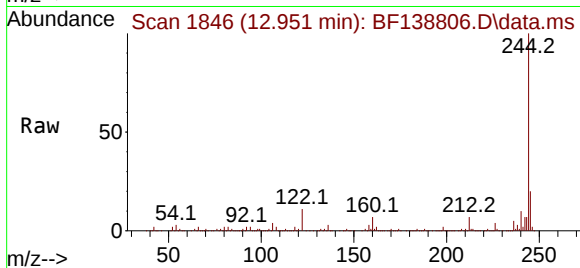
236 25.8 19.8 29.8



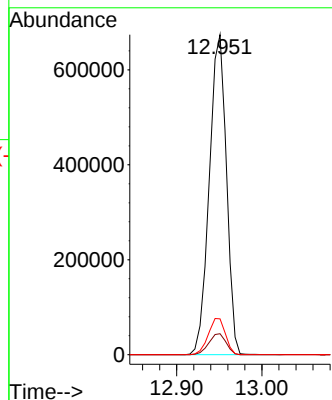
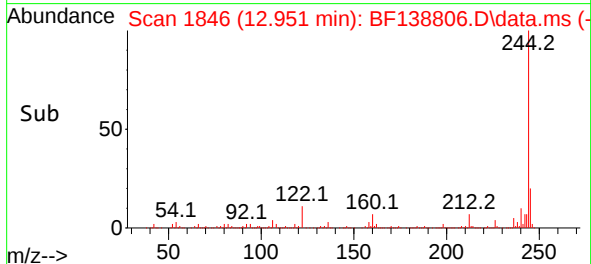


#79
 Terphenyl-d14
 Concen: 99.601 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF138806.D
 Acq: 06 Aug 2024 13:19

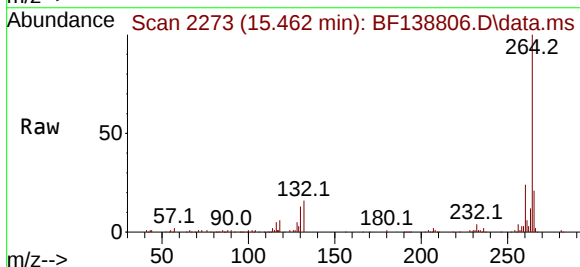
Instrument :
 BNA_F
 ClientSampleId :
 PB162267TB



Tgt Ion:244 Resp: 940607
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 11.2 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF138806.D
 Acq: 06 Aug 2024 13:19



Tgt Ion:264 Resp: 106451
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.2 17.0 25.6

