

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF138998.D
 Acq On : 14 Aug 2024 17:12
 Operator : RC/JU
 Sample : P3548-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 343

Quant Time: Aug 14 17:47:51 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)

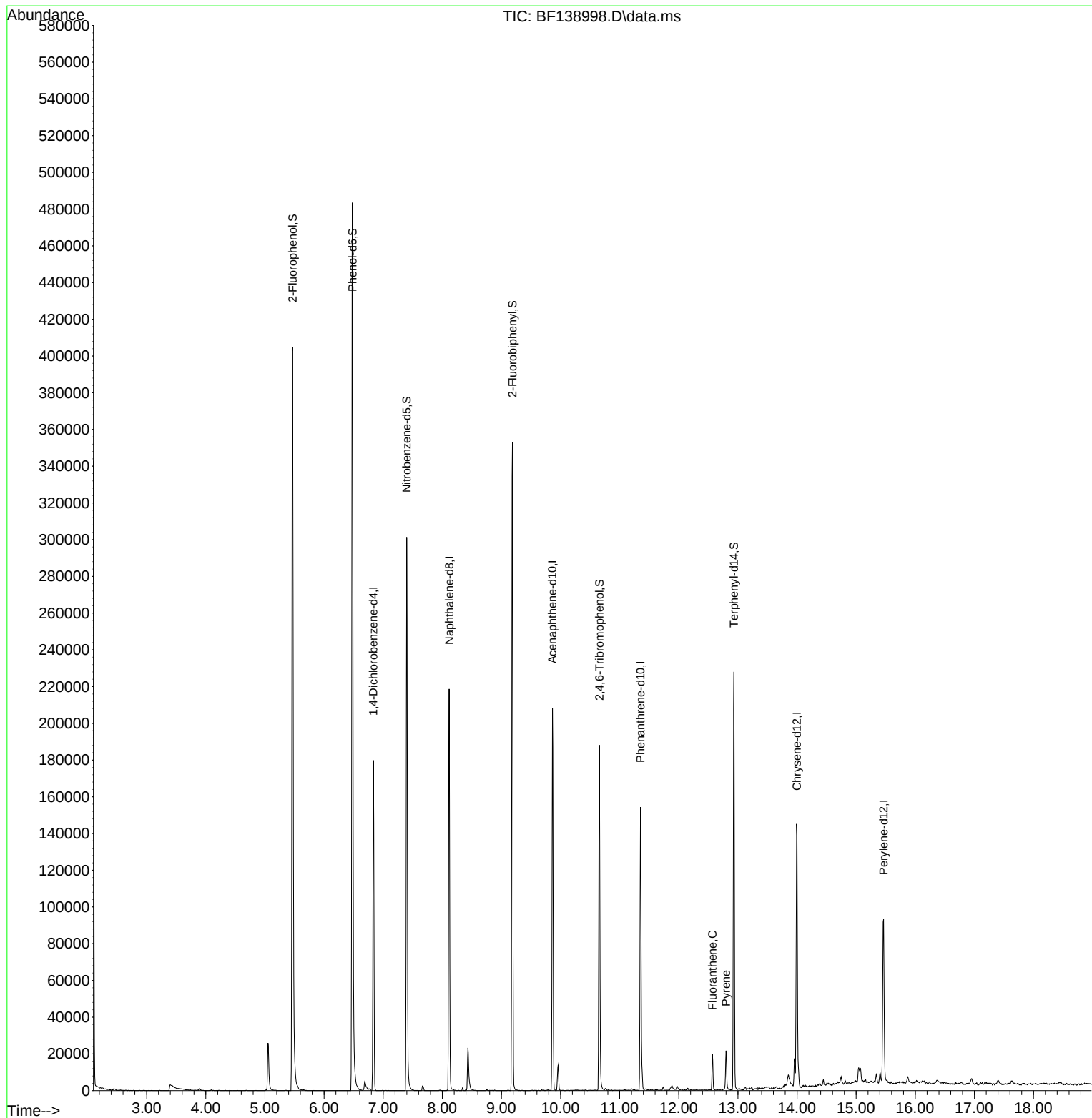
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	33651	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	127810	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	59239	20.000	ng	-0.02
64) Phenanthrene-d10	11.351	188	78912	20.000	ng	-0.02
76) Chrysene-d12	13.998	240	65211	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	52107	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	152131	69.786	ng	0.00
7) Phenol-d6	6.481	99	212128	72.477	ng	0.00
23) Nitrobenzene-d5	7.398	82	126599	48.428	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	26487	54.585	ng	-0.01
45) 2-Fluorobiphenyl	9.187	172	144954	36.765	ng	-0.02
79) Terphenyl-d14	12.933	244	102683	26.363	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	12.569	202	11188	2.949	ng	99
78) Pyrene	12.798	202	12538	2.042	ng	97

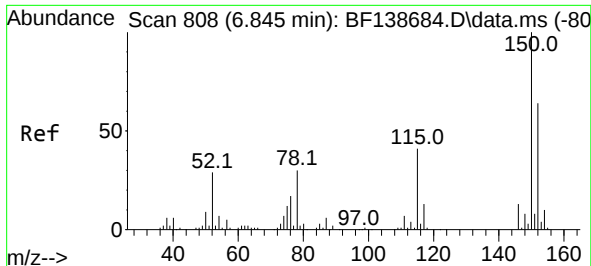
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

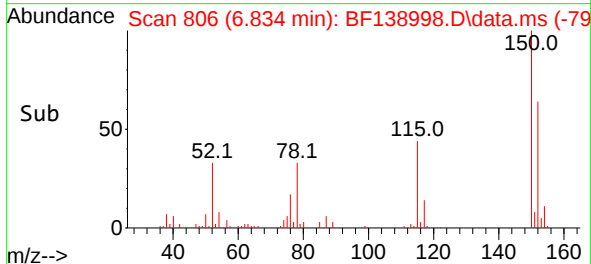
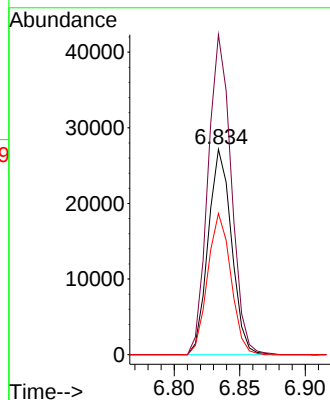
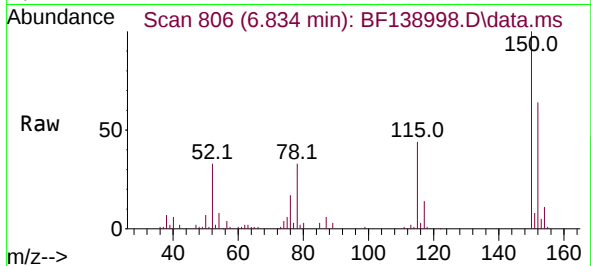




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF138998.D
Acq: 14 Aug 2024 17:12

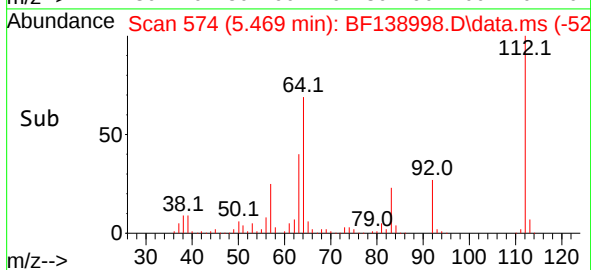
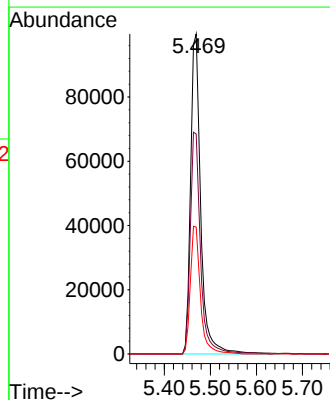
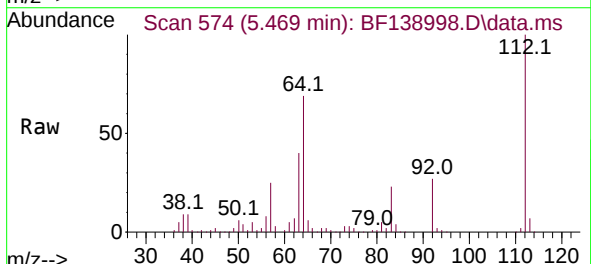
Instrument :
BNA_F
ClientSampleId :
343

Tgt Ion:152 Resp: 33651
Ion Ratio Lower Upper
152 100
150 155.7 126.0 189.0
115 68.8 51.7 77.5



#5
2-Fluorophenol
Concen: 69.786 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138998.D
Acq: 14 Aug 2024 17:12

Tgt Ion:112 Resp: 152131
Ion Ratio Lower Upper
112 100
64 68.7 54.2 81.4
63 39.7 28.7 43.1

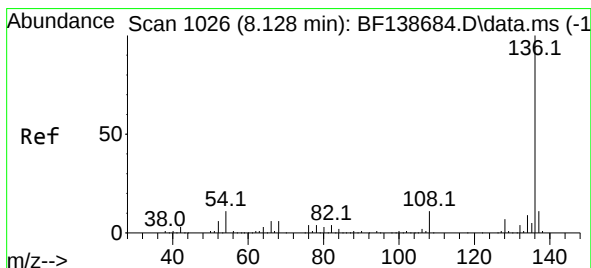
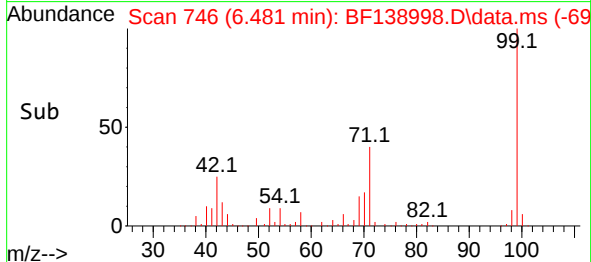
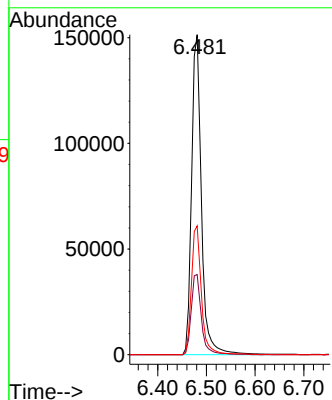
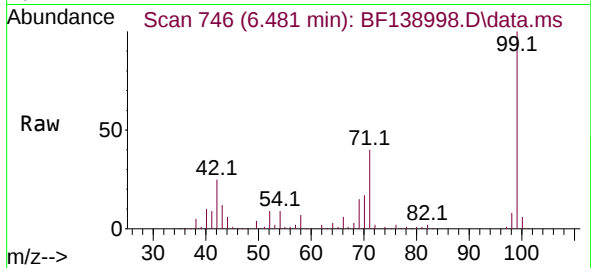




#7
Phenol-d6
Concen: 72.477 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138998.D
Acq: 14 Aug 2024 17:12

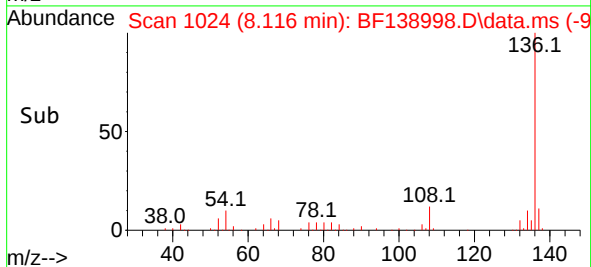
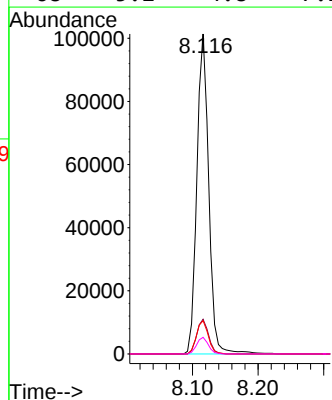
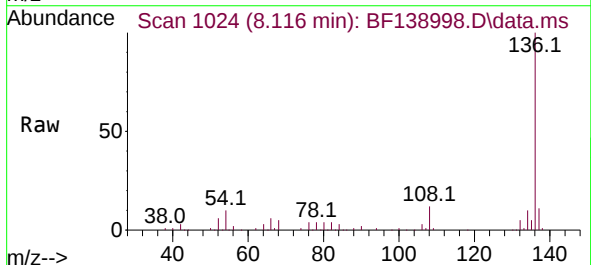
Instrument :
BNA_F
ClientSampleId :
343

Tgt Ion: 99 Resp: 212128
Ion Ratio Lower Upper
99 100
42 25.1 17.4 26.0
71 40.2 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: BF138998.D
Acq: 14 Aug 2024 17:12

Tgt Ion: 136 Resp: 127810
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.4 8.6 12.8
68 5.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 48.428 ng

RT: 7.398 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF138998.D

Acq: 14 Aug 2024 17:12

Instrument :

BNA_F

ClientSampleId :

343

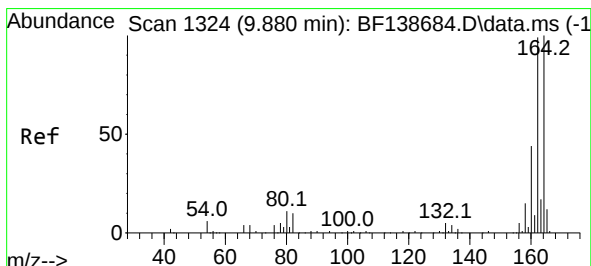
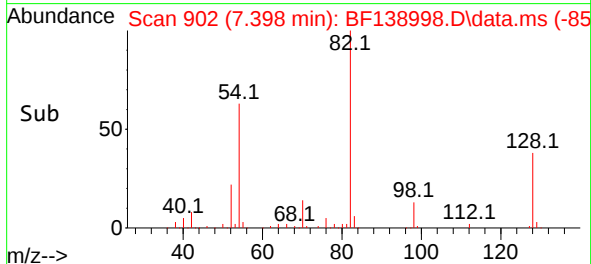
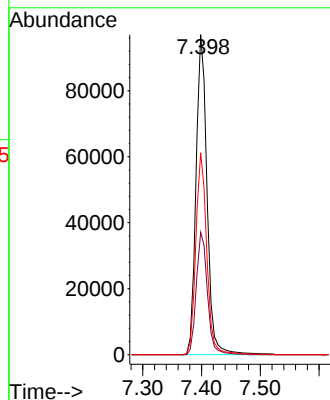
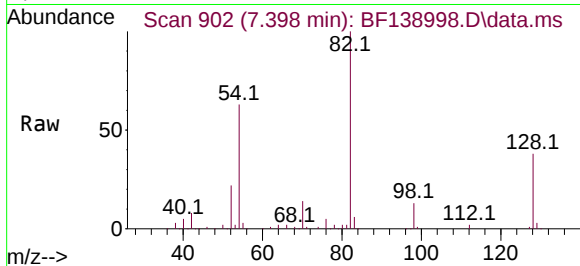
Tgt Ion: 82 Resp: 126599

Ion Ratio Lower Upper

82 100

128 38.3 32.8 49.2

54 63.1 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: BF138998.D

Acq: 14 Aug 2024 17:12

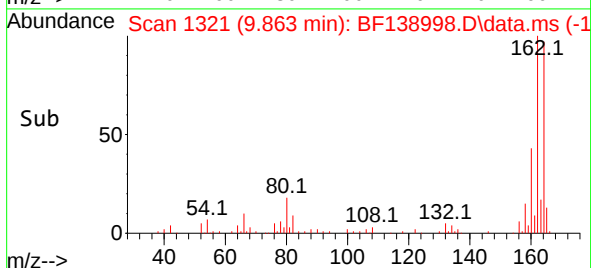
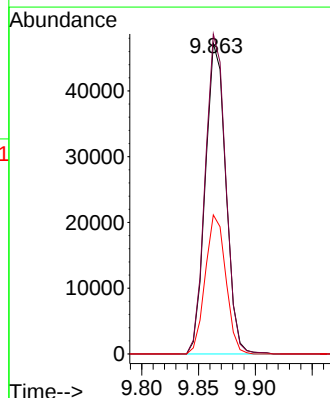
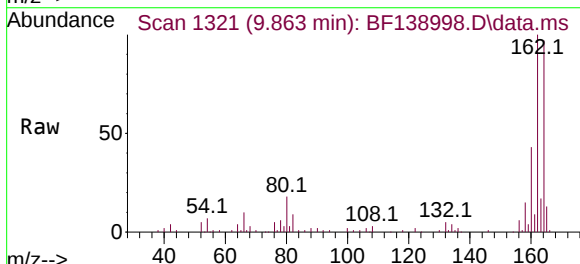
Tgt Ion: 164 Resp: 59239

Ion Ratio Lower Upper

164 100

162 103.0 79.4 119.0

160 44.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 54.585 ng

RT: 10.657 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF138998.D

Acq: 14 Aug 2024 17:12

Instrument :

BNA_F

ClientSampleId :

343

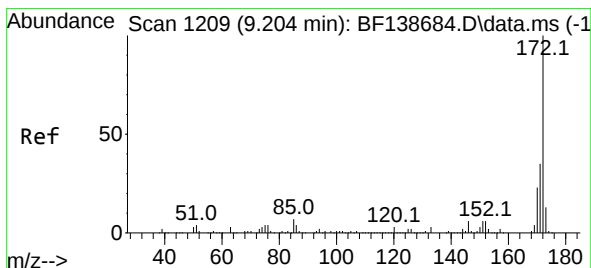
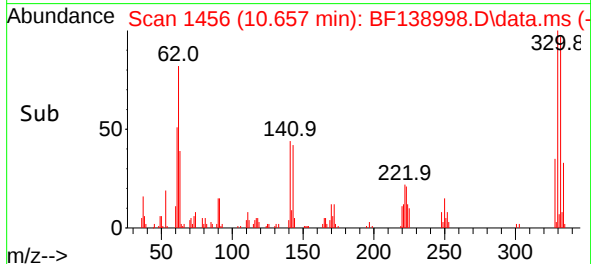
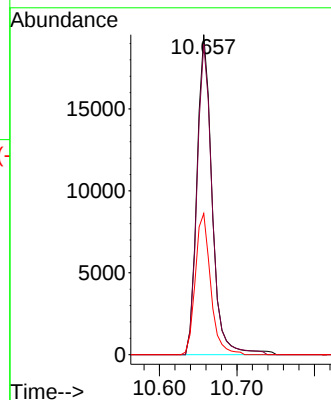
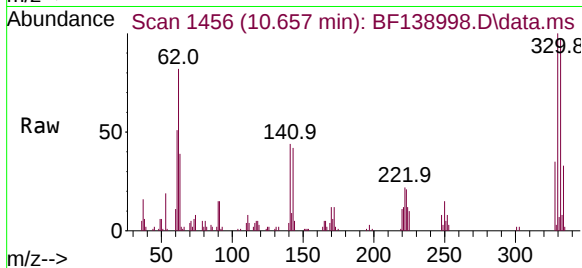
Tgt Ion:330 Resp: 26487

Ion Ratio Lower Upper

330 100

332 97.0 76.4 114.6

141 44.6 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 36.765 ng

RT: 9.187 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF138998.D

Acq: 14 Aug 2024 17:12

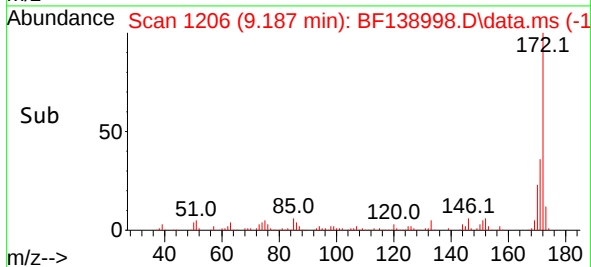
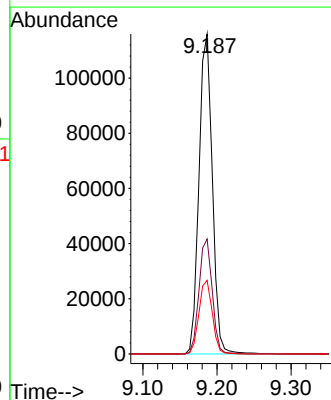
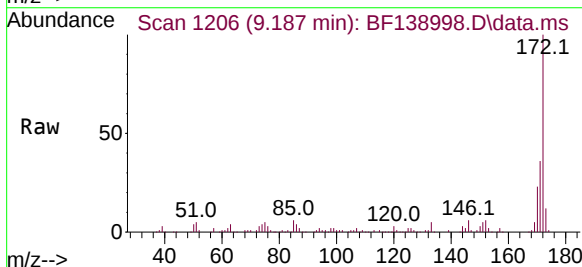
Tgt Ion:172 Resp: 144954

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.0 18.8 28.2

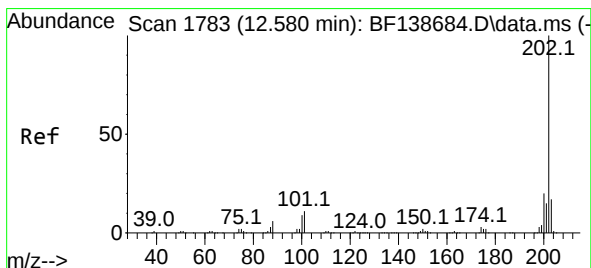
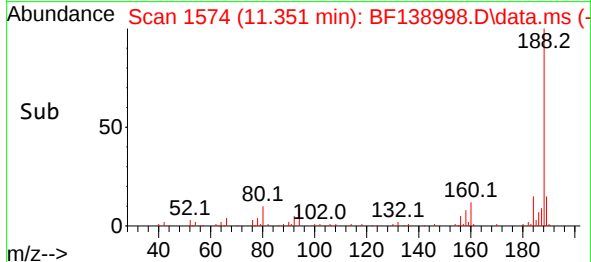
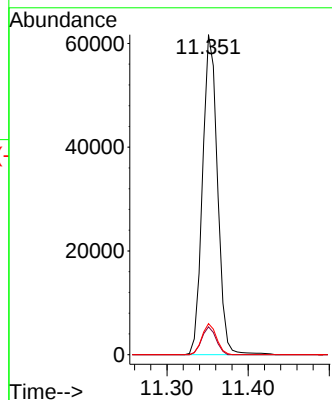
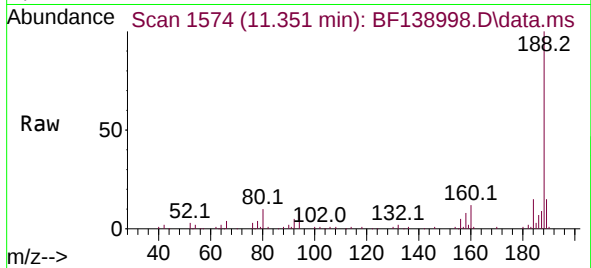




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138998.D
Acq: 14 Aug 2024 17:12

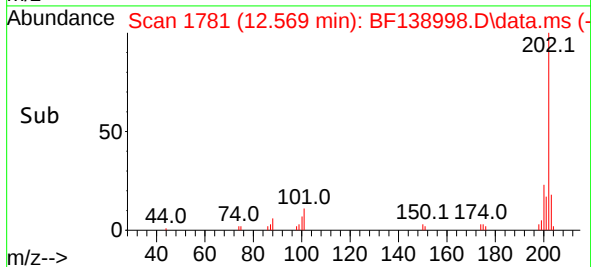
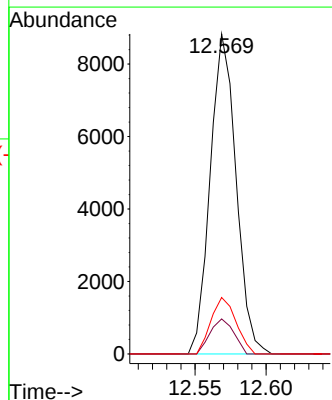
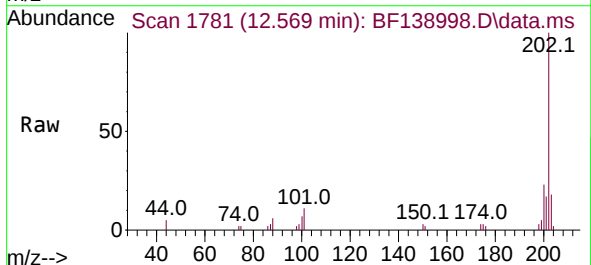
Instrument :
BNA_F
ClientSampleId :
343

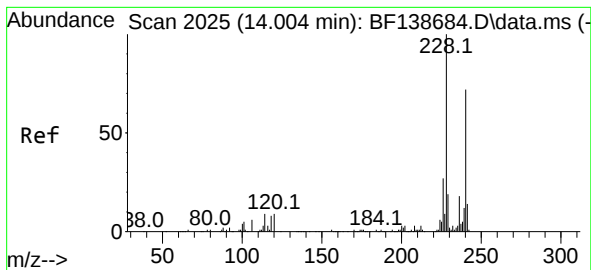
Tgt Ion:188 Resp: 78912
Ion Ratio Lower Upper
188 100
94 8.7 7.6 11.4
80 9.7 8.6 12.8



#75
Fluoranthene
Concen: 2.949 ng
RT: 12.569 min Scan# 1781
Delta R.T. -0.012 min
Lab File: BF138998.D
Acq: 14 Aug 2024 17:12

Tgt Ion:202 Resp: 11188
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.2
203 17.6 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138998.D

Acq: 14 Aug 2024 17:12

Instrument :

BNA_F

ClientSampleId :

343

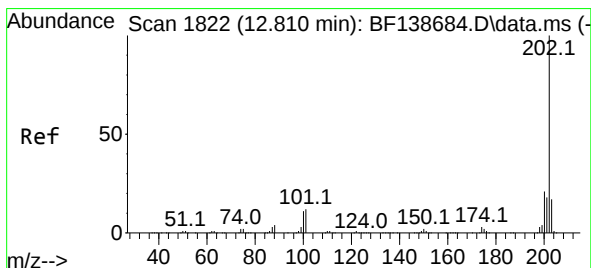
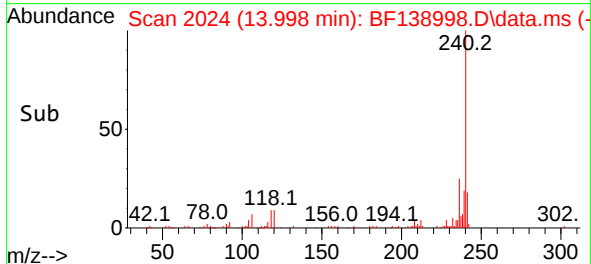
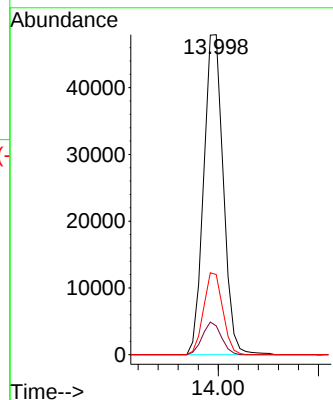
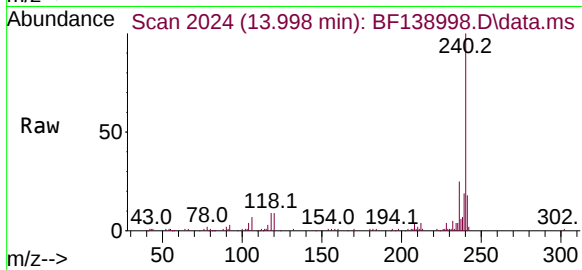
Tgt Ion:240 Resp: 65211

Ion Ratio Lower Upper

240 100

120 9.0 10.2 15.4#

236 25.1 19.8 29.8



#78

Pyrene

Concen: 2.042 ng

RT: 12.798 min Scan# 1820

Delta R.T. -0.012 min

Lab File: BF138998.D

Acq: 14 Aug 2024 17:12

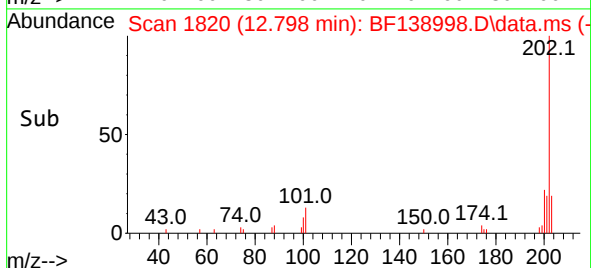
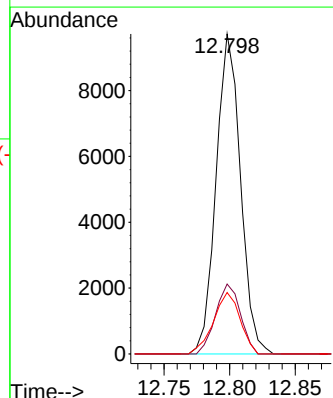
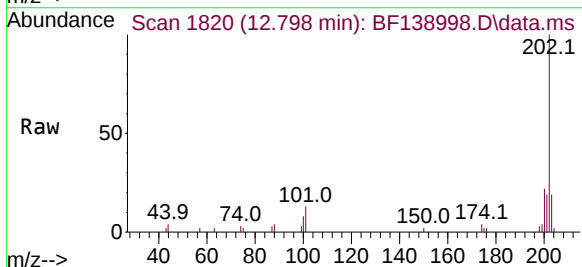
Tgt Ion:202 Resp: 12538

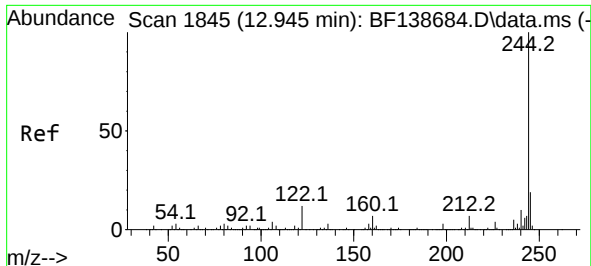
Ion Ratio Lower Upper

202 100

200 21.8 16.8 25.2

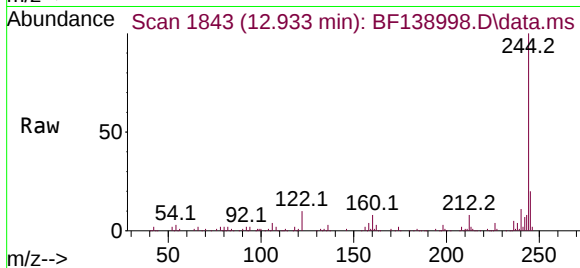
203 19.2 13.8 20.6



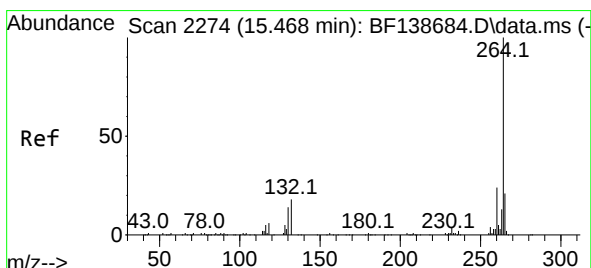
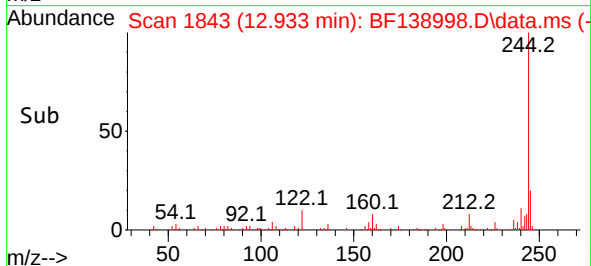
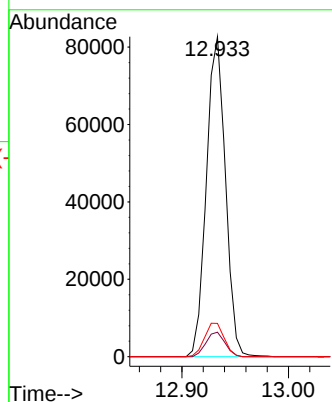


#79
 Terphenyl-d14
 Concen: 26.363 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: BF138998.D
 Acq: 14 Aug 2024 17:12

Instrument :
 BNA_F
 ClientSampleId :
 343



Tgt Ion:244 Resp: 102683
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 10.4 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: BF138998.D
 Acq: 14 Aug 2024 17:12

Tgt Ion:264 Resp: 52107
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.8 17.0 25.6

