

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
Data File : BF138767.D
Acq On : 03 Aug 2024 13:37
Operator : RC/JU
Sample : P3393-27
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EB-01-072624

Quant Time: Aug 05 00:50:49 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	6.846	152	48417	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	202547	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	128640	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	246963	20.000	ng	0.00
76) Chrysene-d12	14.004	240	124350	20.000	ng	0.00
86) Perylene-d12	15.474	264	136572	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	125512	40.016	ng	0.00
7) Phenol-d6	6.481	99	100824	23.942	ng	0.00
23) Nitrobenzene-d5	7.410	82	293943	70.953	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	125066	118.688	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	565508	66.051	ng	0.00
79) Terphenyl-d14	12.951	244	712684	95.957	ng	0.00

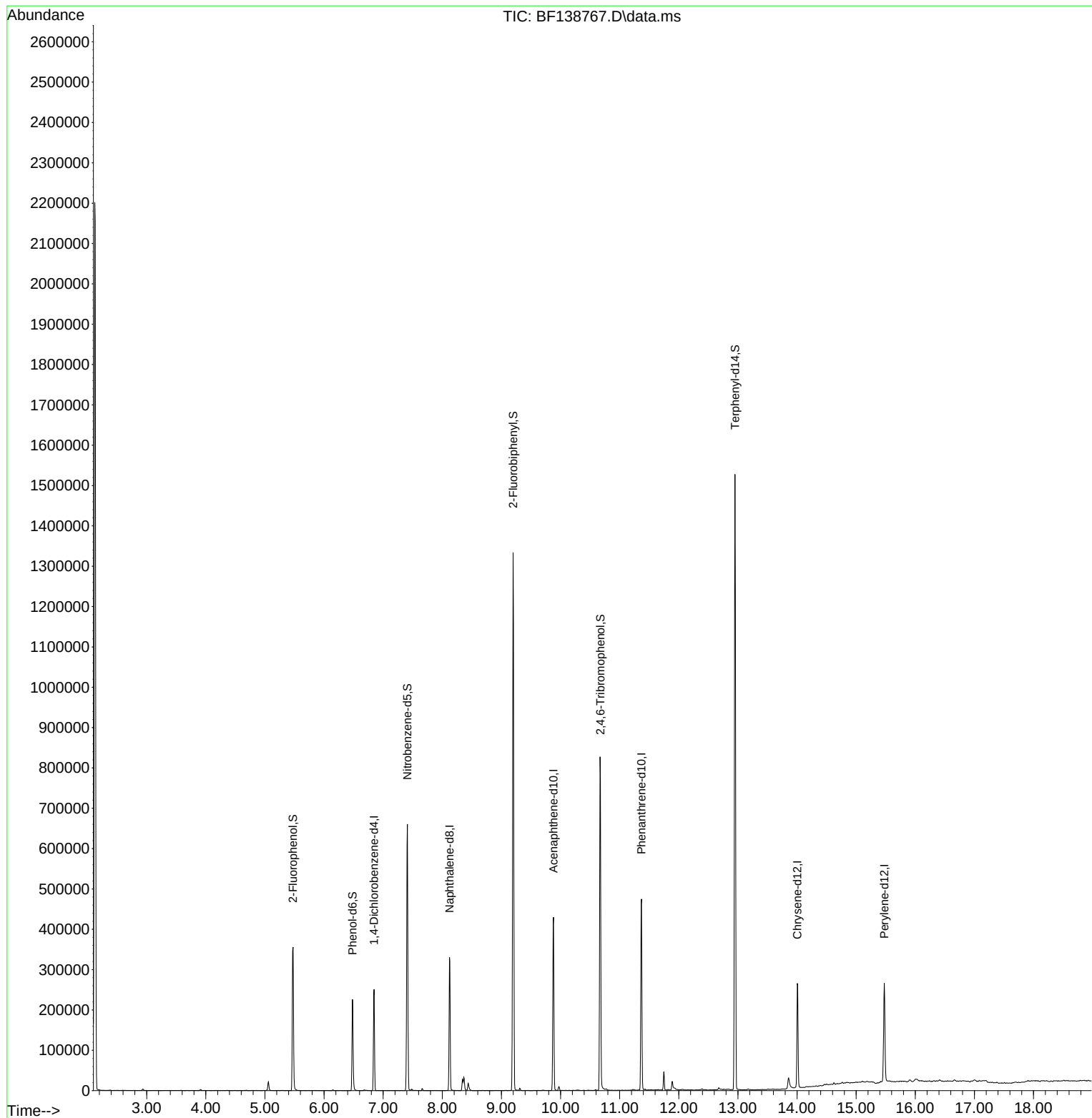
Target Compounds	Qvalue

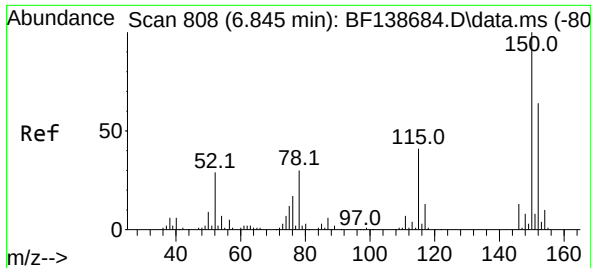
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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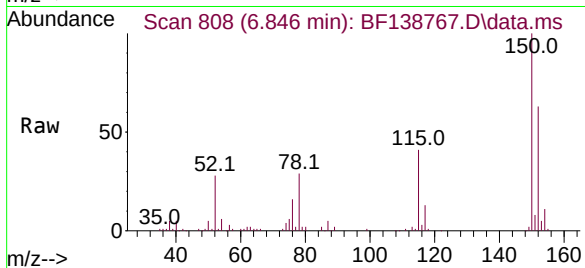
Quant Time: Aug 05 00:50:49 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
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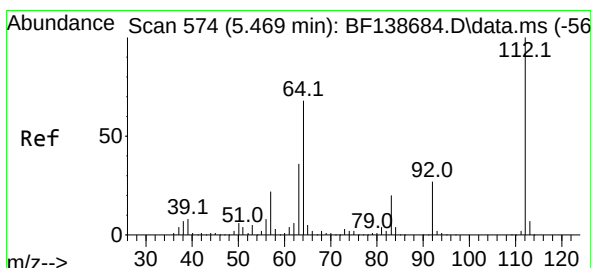
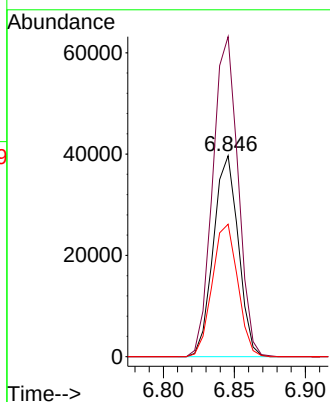
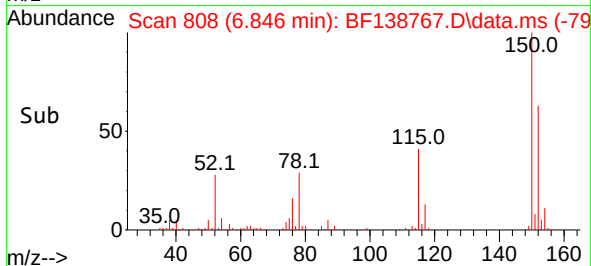


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF138767.D
Acq: 03 Aug 2024 13:37

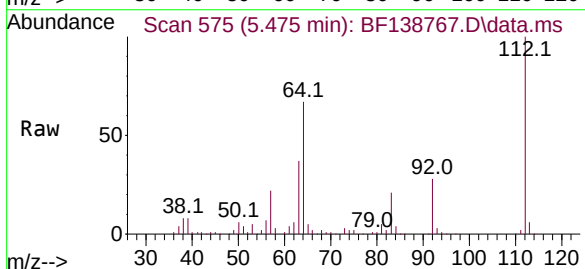
Instrument :
BNA_F
ClientSampleId :
EB-01-072624



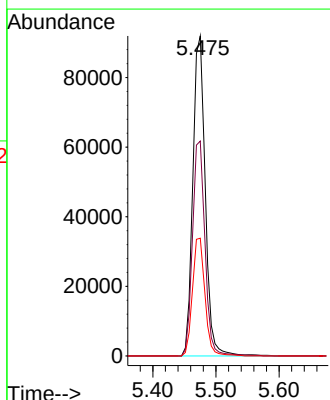
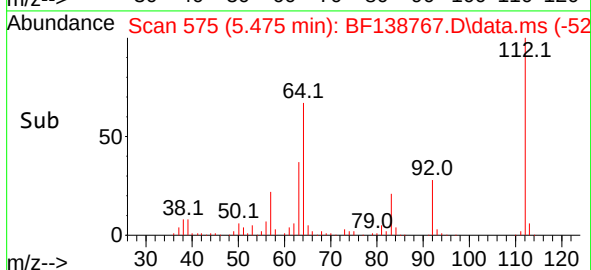
Tgt Ion:152 Resp: 48417
Ion Ratio Lower Upper
152 100
150 159.2 126.0 189.0
115 65.9 51.7 77.5

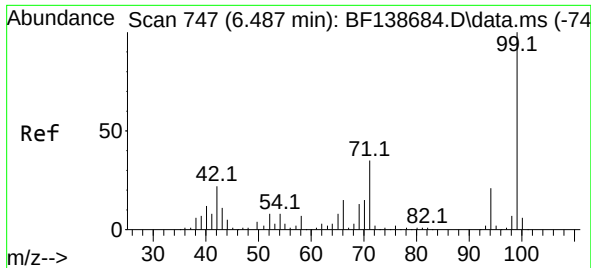


#5
2-Fluorophenol
Concen: 40.016 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138767.D
Acq: 03 Aug 2024 13:37



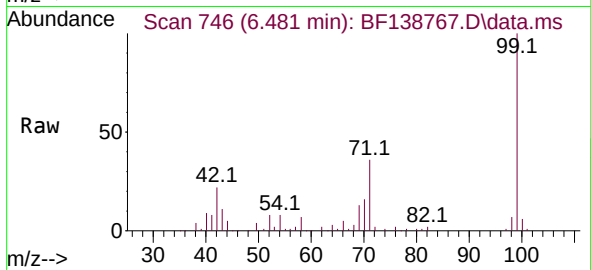
Tgt Ion:112 Resp: 125512
Ion Ratio Lower Upper
112 100
64 67.2 54.2 81.4
63 36.8 28.7 43.1



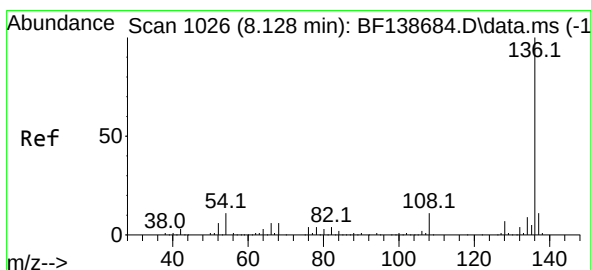
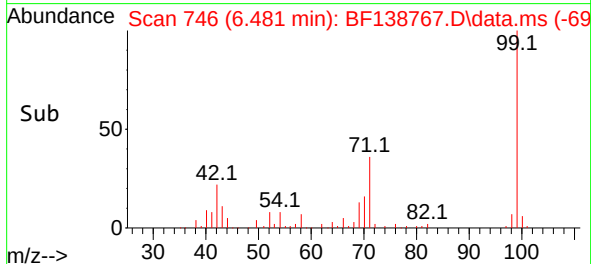
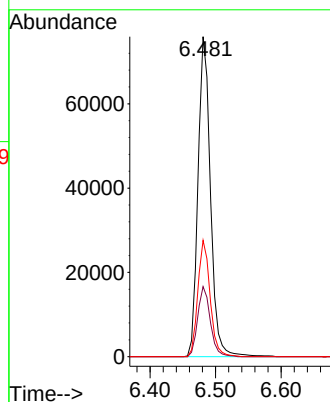


#7
Phenol-d6
Concen: 23.942 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138767.D
Acq: 03 Aug 2024 13:37

Instrument :
BNA_F
ClientSampleId :
EB-01-072624

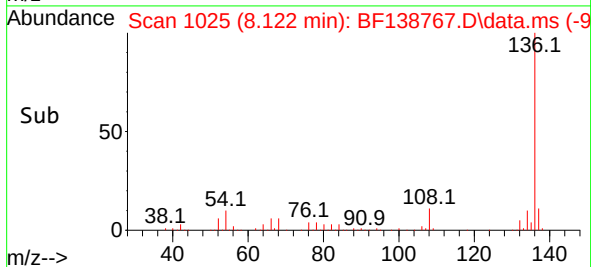
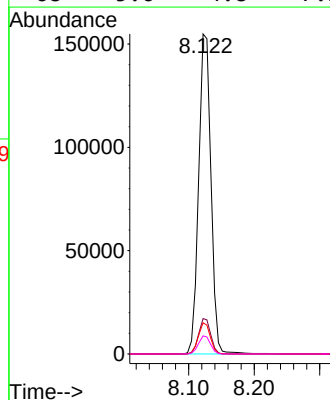
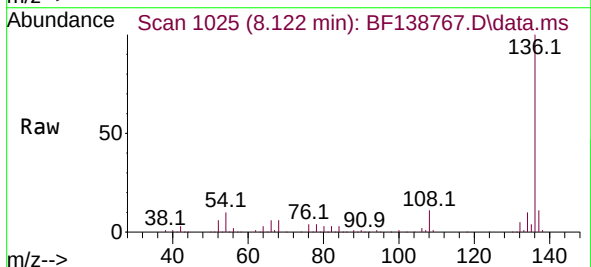


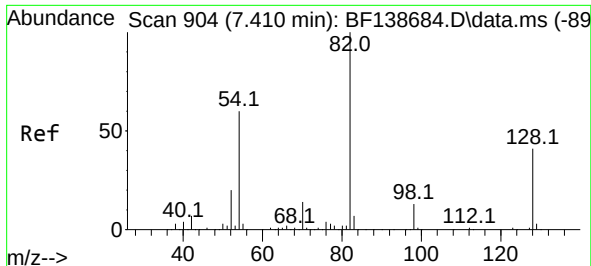
Tgt Ion: 99 Resp: 100824
Ion Ratio Lower Upper
99 100
42 21.9 17.4 26.0
71 36.4 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138767.D
Acq: 03 Aug 2024 13:37

Tgt Ion: 136 Resp: 202547
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.7 8.6 12.8
68 5.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 70.953 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138767.D

Acq: 03 Aug 2024 13:37

Instrument :

BNA_F

ClientSampleId :

EB-01-072624

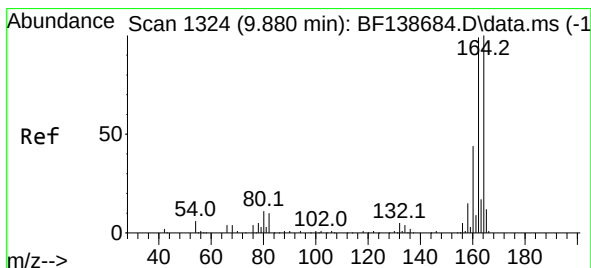
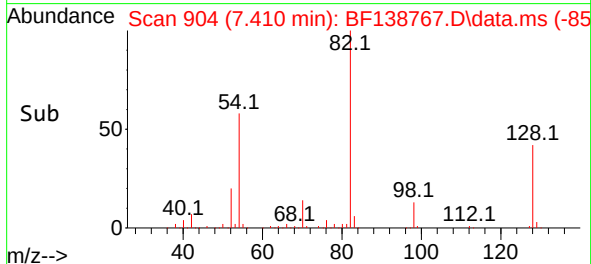
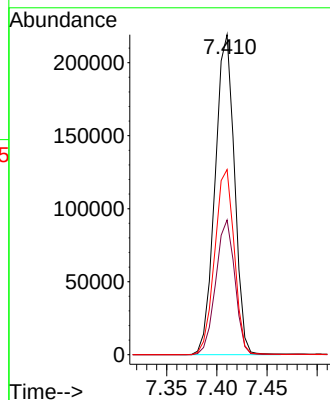
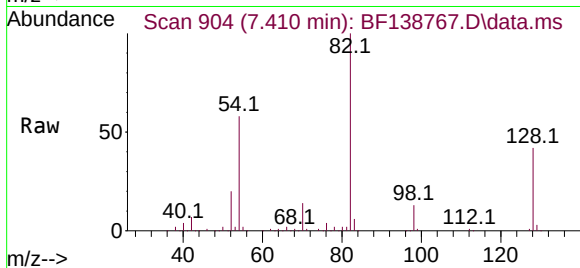
Tgt Ion: 82 Resp: 293943

Ion Ratio Lower Upper

82 100

128 42.1 32.8 49.2

54 57.9 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1324

Delta R.T. 0.001 min

Lab File: BF138767.D

Acq: 03 Aug 2024 13:37

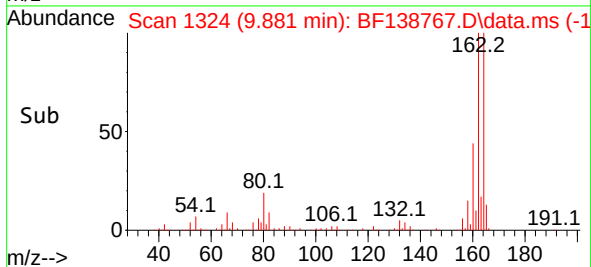
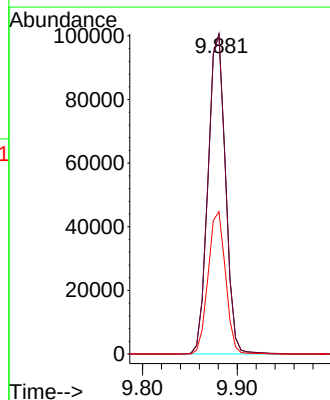
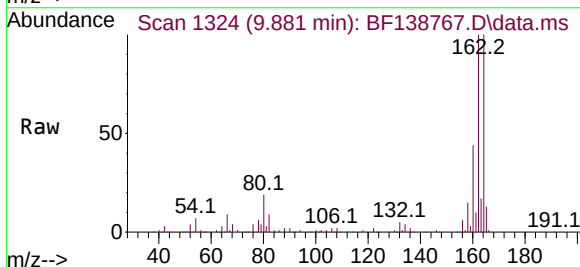
Tgt Ion: 164 Resp: 128640

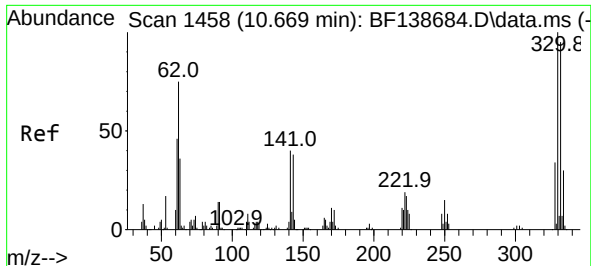
Ion Ratio Lower Upper

164 100

162 99.7 79.4 119.0

160 44.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 118.688 ng

RT: 10.675 min Scan# 1458

Delta R.T. 0.006 min

Lab File: BF138767.D

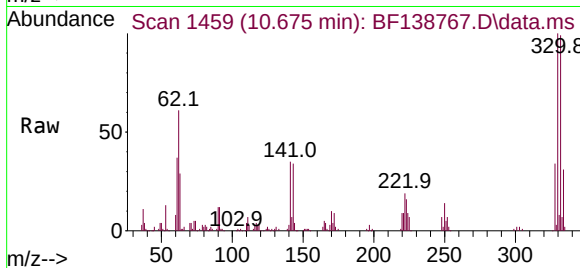
Acq: 03 Aug 2024 13:37

Instrument :

BNA_F

ClientSampleId :

EB-01-072624



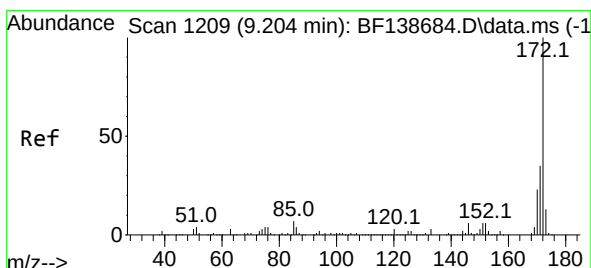
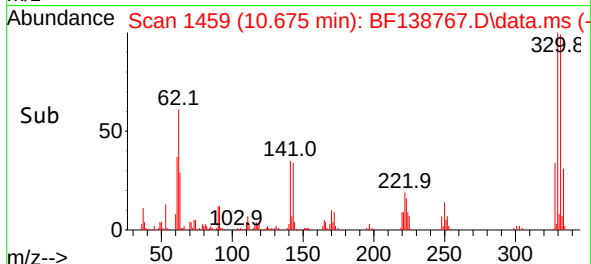
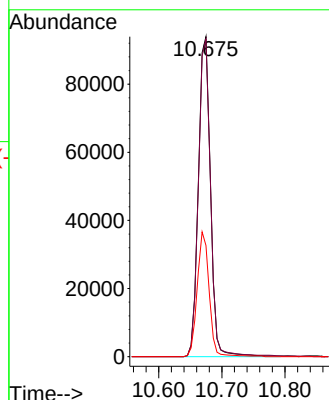
Tgt Ion:330 Resp: 125066

Ion Ratio Lower Upper

330 100

332 99.8 76.4 114.6

141 38.5 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 66.051 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138767.D

Acq: 03 Aug 2024 13:37

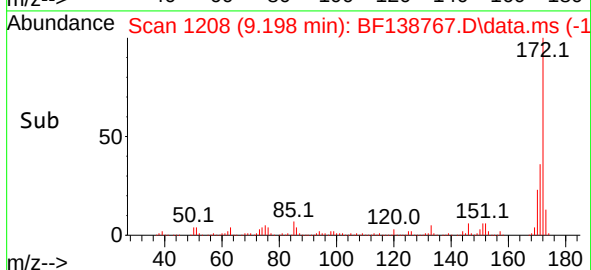
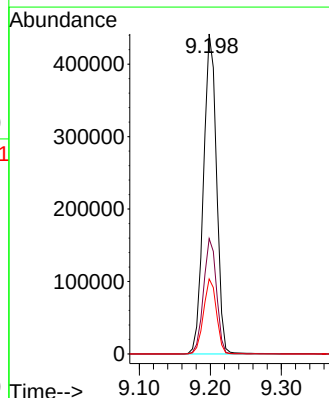
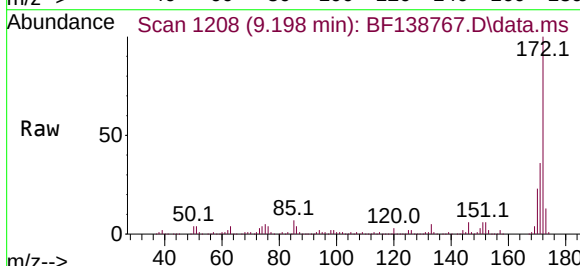
Tgt Ion:172 Resp: 565508

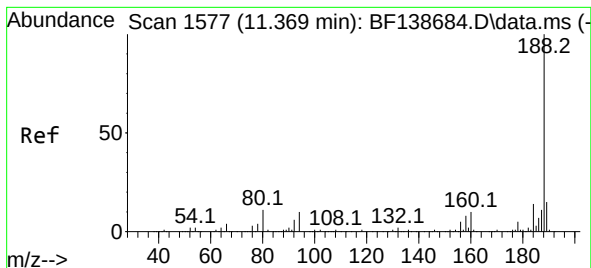
Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138767.D

Acq: 03 Aug 2024 13:37

Instrument :

BNA_F

ClientSampleId :

EB-01-072624

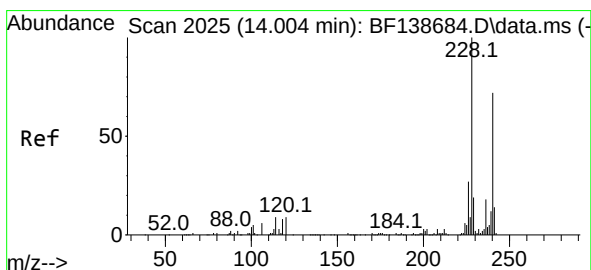
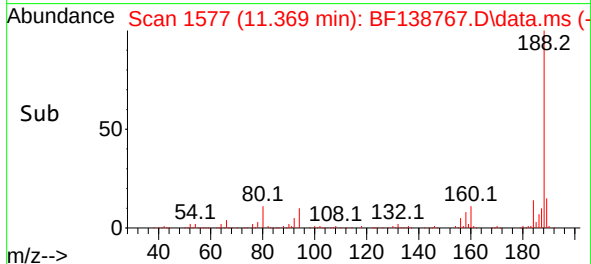
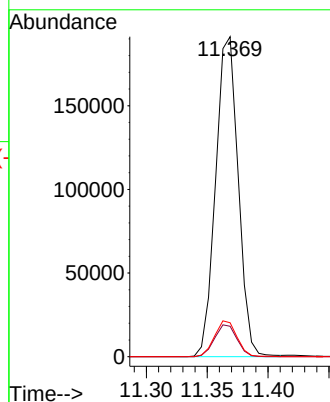
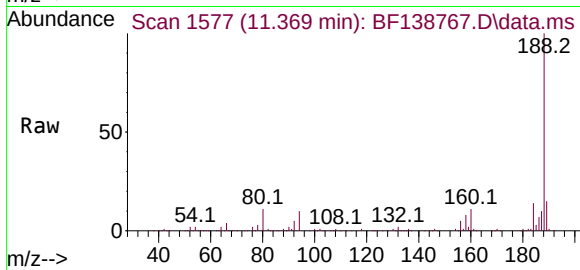
Tgt Ion:188 Resp: 246963

Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

80 10.6 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: BF138767.D

Acq: 03 Aug 2024 13:37

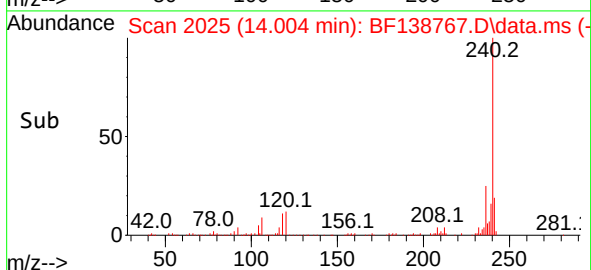
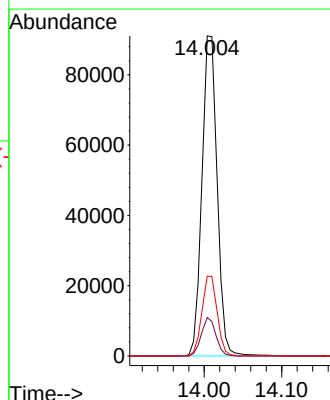
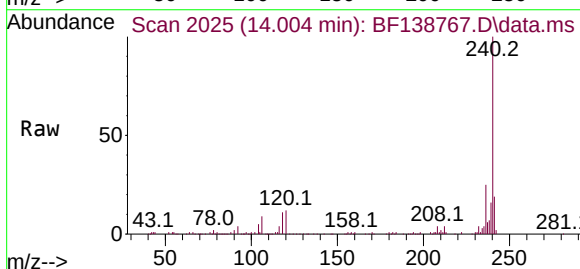
Tgt Ion:240 Resp: 124350

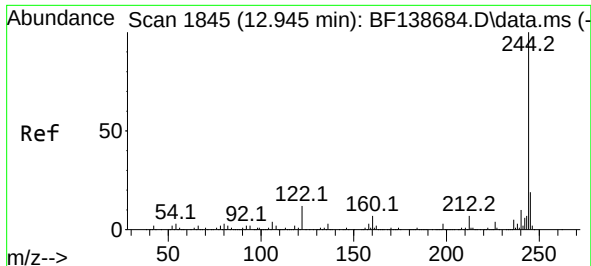
Ion Ratio Lower Upper

240 100

120 12.0 10.2 15.4

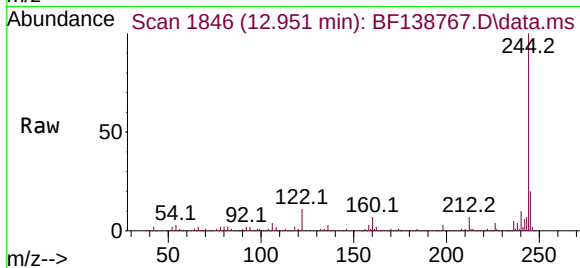
236 24.9 19.8 29.8



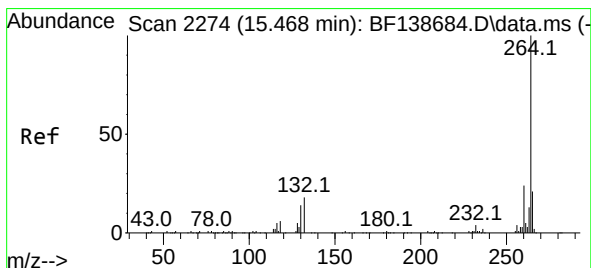
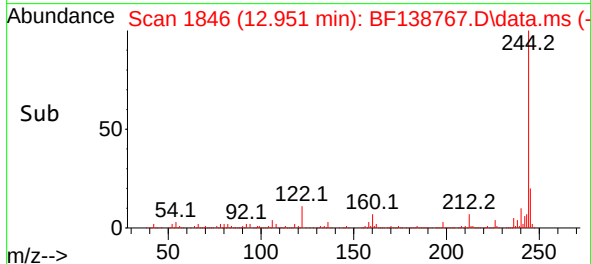
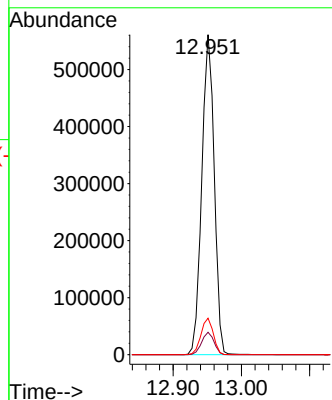


#79
Terphenyl-d14
Concen: 95.957 ng
RT: 12.951 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BF138767.D
Acq: 03 Aug 2024 13:37

Instrument :
BNA_F
ClientSampleId :
EB-01-072624



Tgt Ion:244 Resp: 712684
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.4 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: BF138767.D
Acq: 03 Aug 2024 13:37

Tgt Ion:264 Resp: 136572
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 22.2 17.0 25.6

