

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138961.D
 Acq On : 13 Aug 2024 04:55
 Operator : RC/JU
 Sample : P3478-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS07

Quant Time: Aug 13 05:38:03 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)

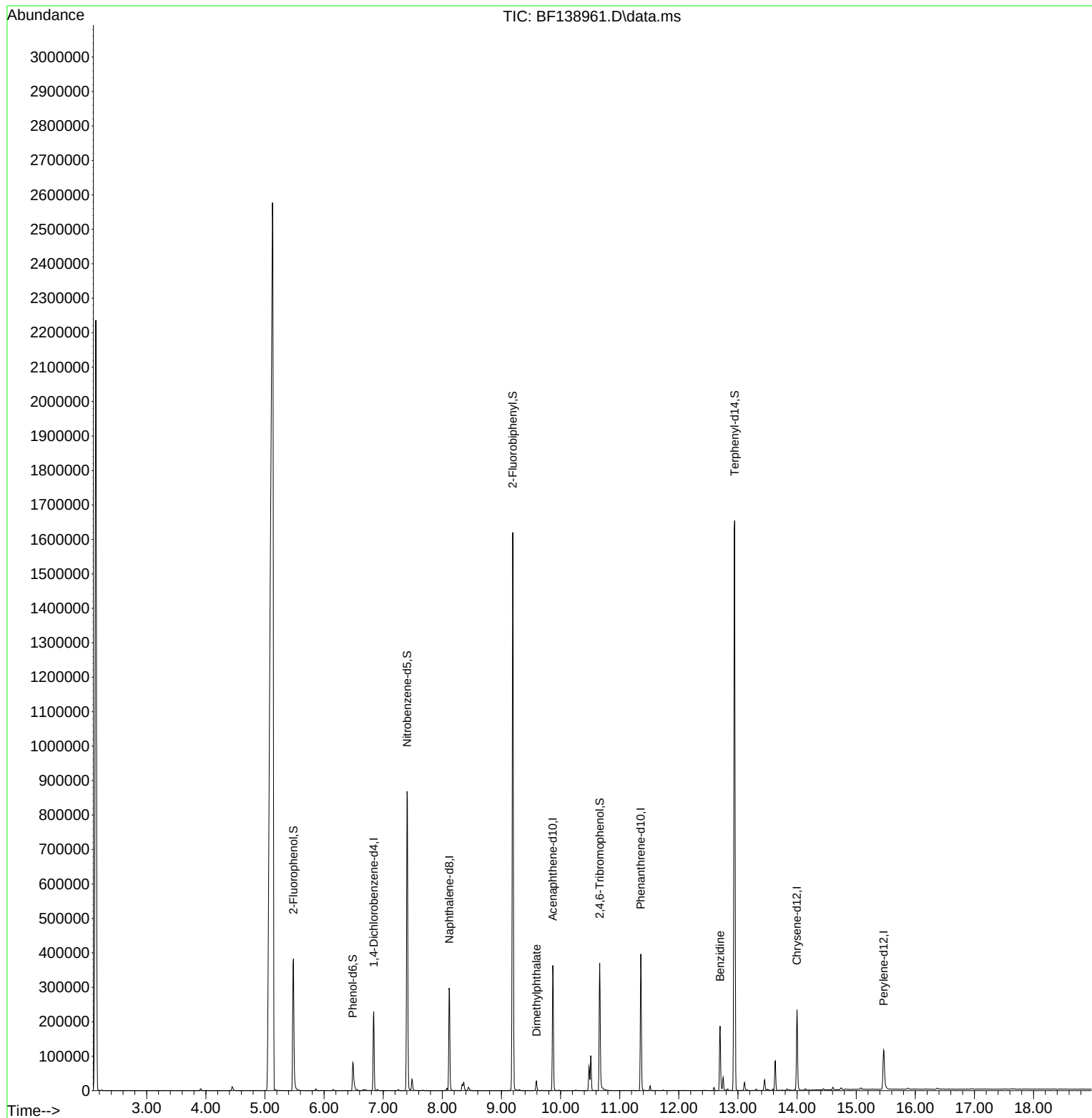
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	45086	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	182173	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	107216	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	202355	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	112807	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	83424	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	137588	47.107	ng	0.01
7) Phenol-d6	6.487	99	43957	11.210	ng	0.00
23) Nitrobenzene-d5	7.404	82	375859	100.872	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	53894	61.366	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	683156	95.736	ng	-0.01
79) Terphenyl-d14	12.945	244	833441	123.698	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.592	163	17676	2.578	ng	99
77) Benzidine	12.698	184	101761	37.715	ng	98

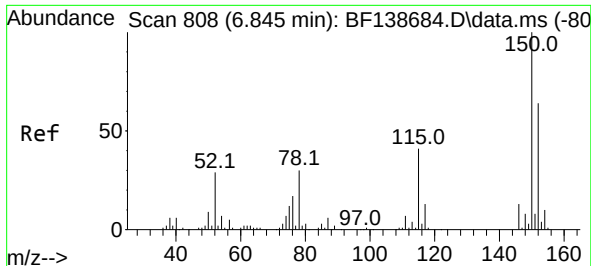
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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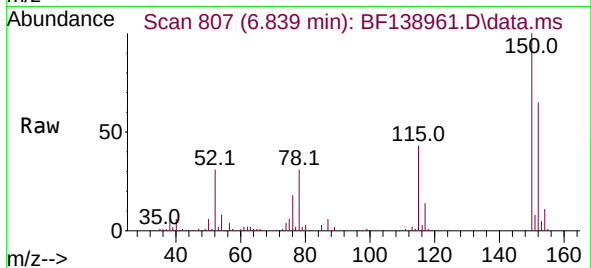
Quant Time: Aug 13 05:38:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



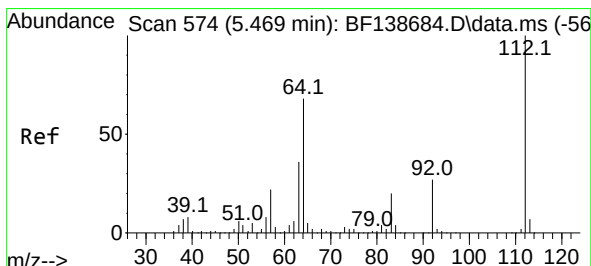
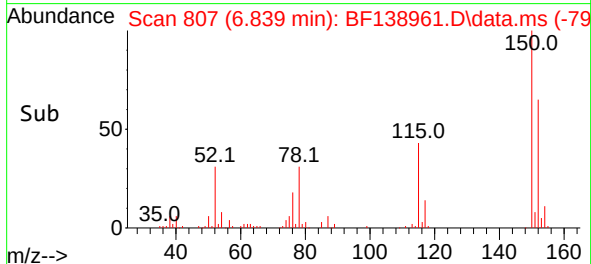
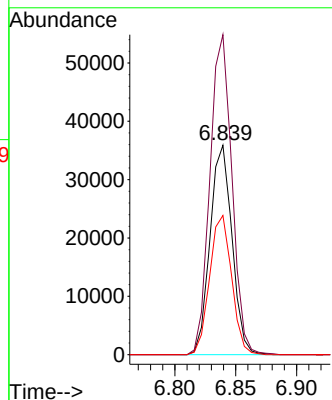


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138961.D
Acq: 13 Aug 2024 04:55

Instrument :
BNA_F
ClientSampleId :
TS07

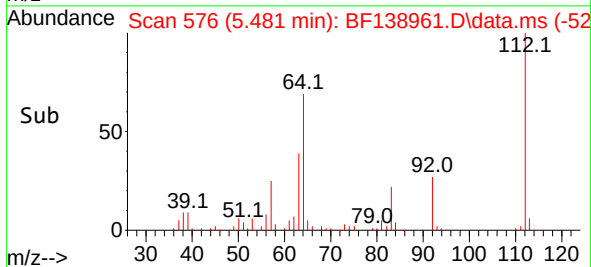
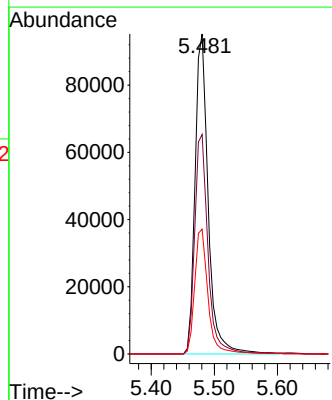
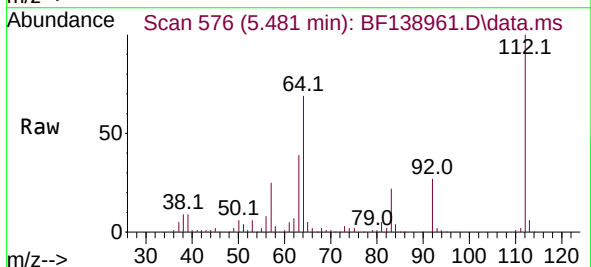


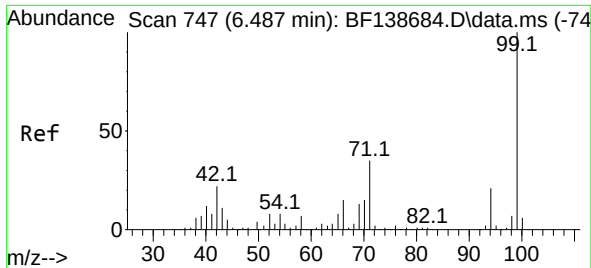
Tgt Ion:152 Resp: 45086
Ion Ratio Lower Upper
152 100
150 152.8 126.0 189.0
115 66.5 51.7 77.5



#5
2-Fluorophenol
Concen: 47.107 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138961.D
Acq: 13 Aug 2024 04:55

Tgt Ion:112 Resp: 137588
Ion Ratio Lower Upper
112 100
64 68.6 54.2 81.4
63 39.0 28.7 43.1





#7

Phenol-d6

Concen: 11.210 ng

RT: 6.487 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF138961.D

Acq: 13 Aug 2024 04:55

Instrument :

BNA_F

ClientSampleId :

TS07

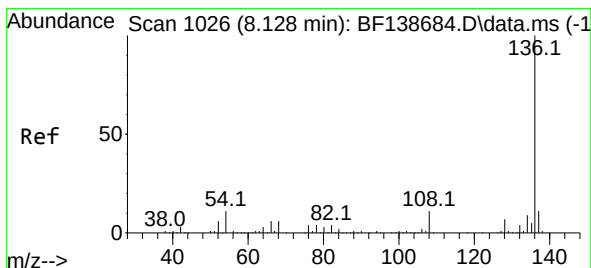
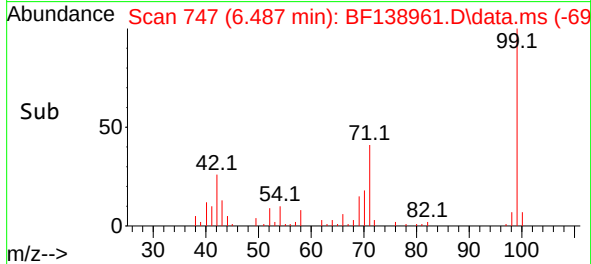
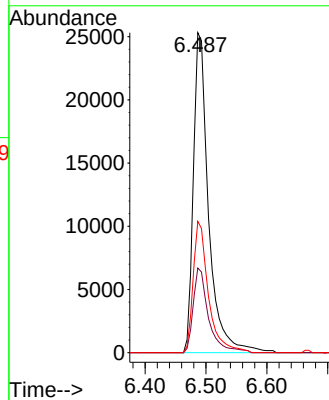
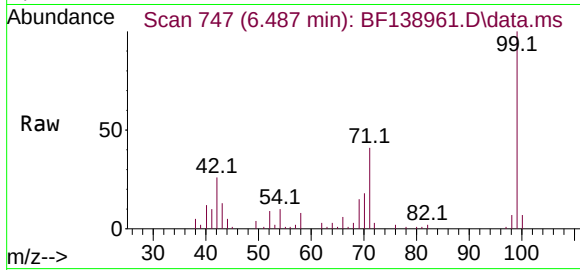
Tgt Ion: 99 Resp: 43957

Ion Ratio Lower Upper

99 100

42 26.5 17.4 26.0#

71 41.0 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: BF138961.D

Acq: 13 Aug 2024 04:55

Tgt Ion: 136 Resp: 182173

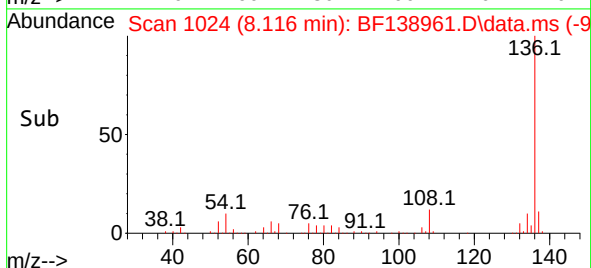
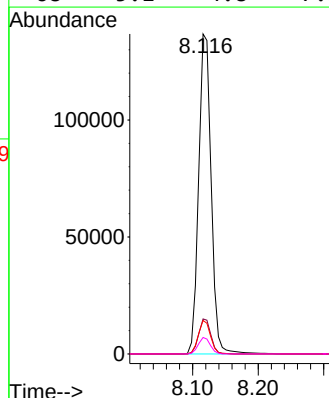
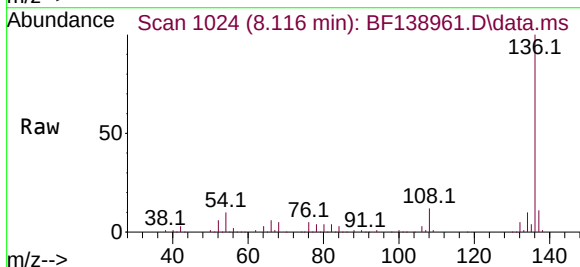
Ion Ratio Lower Upper

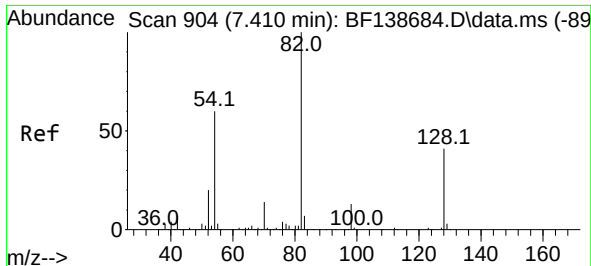
136 100

137 10.9 8.9 13.3

54 10.5 8.6 12.8

68 5.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 100.872 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138961.D

Acq: 13 Aug 2024 04:55

Instrument :

BNA_F

ClientSampleId :

TS07

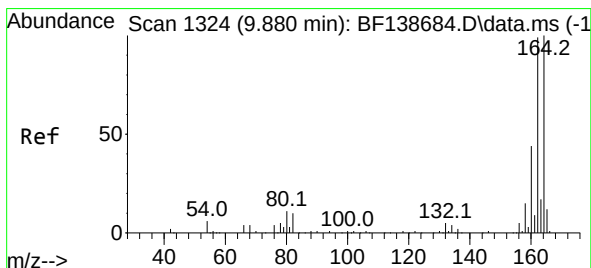
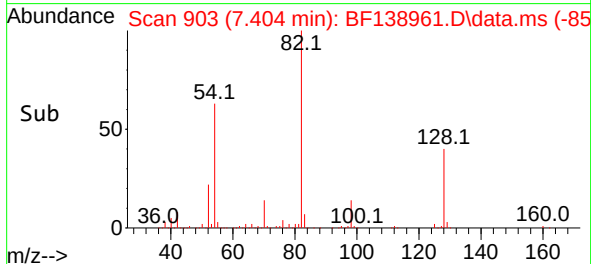
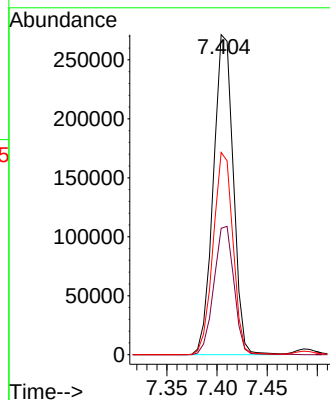
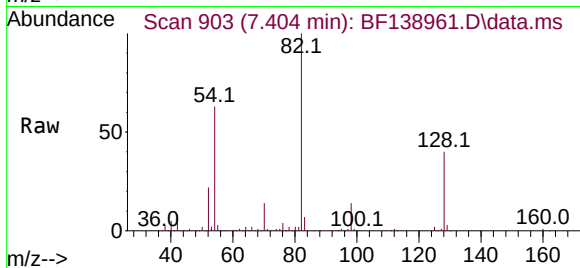
Tgt Ion: 82 Resp: 375859

Ion Ratio Lower Upper

82 100

128 39.5 32.8 49.2

54 63.2 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.011 min

Lab File: BF138961.D

Acq: 13 Aug 2024 04:55

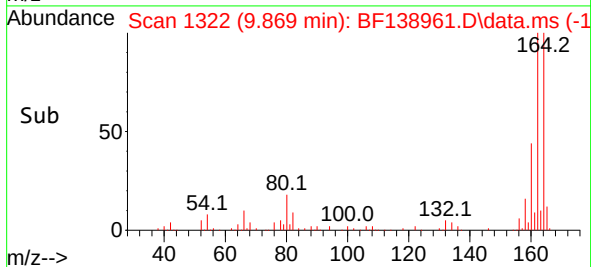
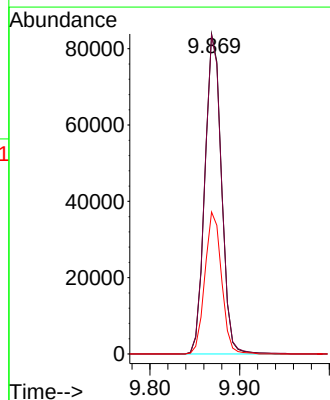
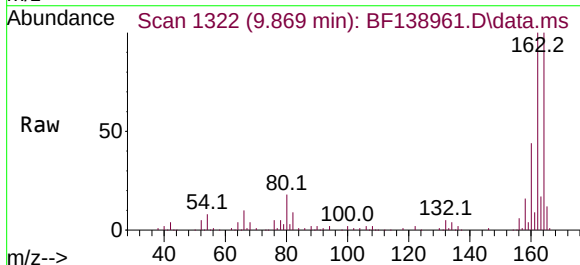
Tgt Ion:164 Resp: 107216

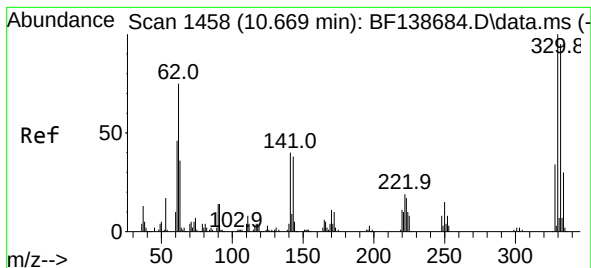
Ion Ratio Lower Upper

164 100

162 99.7 79.4 119.0

160 44.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 61.366 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138961.D

Acq: 13 Aug 2024 04:55

Instrument :

BNA_F

ClientSampleId :

TS07

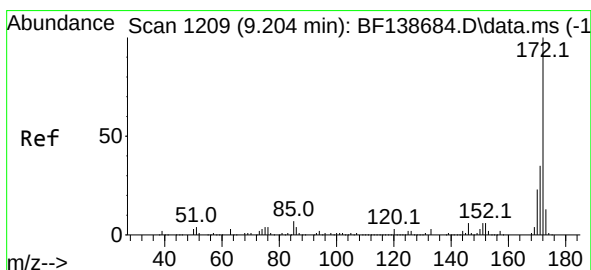
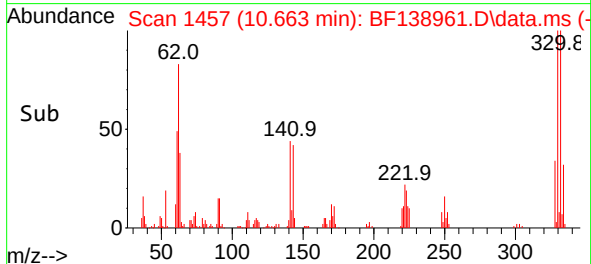
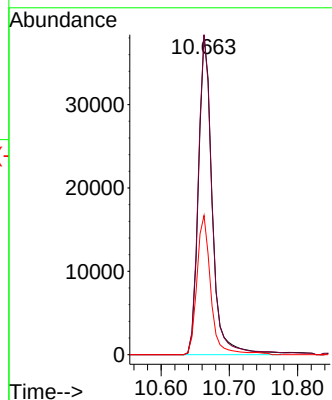
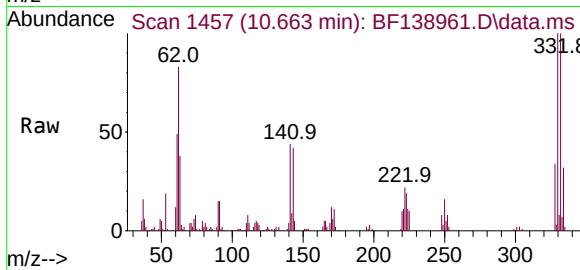
Tgt Ion:330 Resp: 53894

Ion Ratio Lower Upper

330 100

332 100.5 76.4 114.6

141 43.8 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 95.736 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138961.D

Acq: 13 Aug 2024 04:55

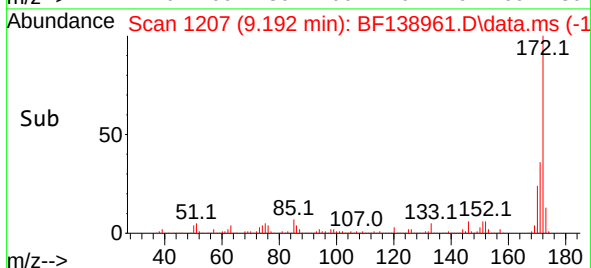
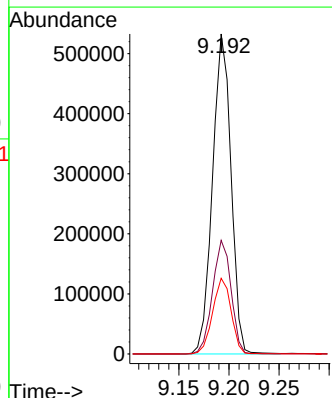
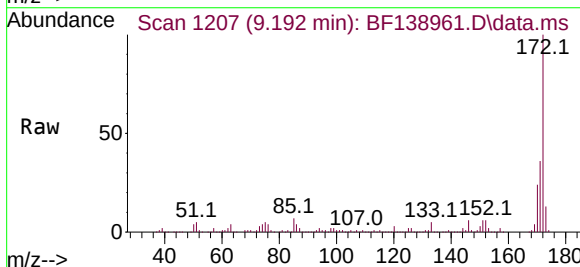
Tgt Ion:172 Resp: 683156

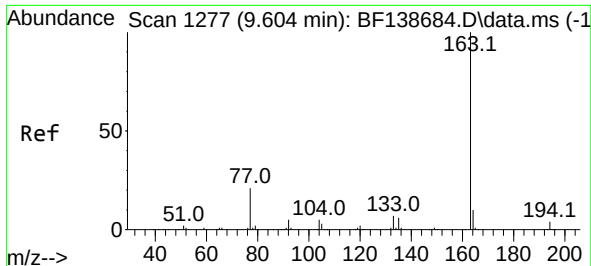
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.7 18.8 28.2

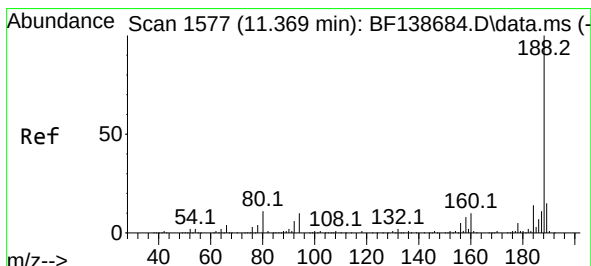
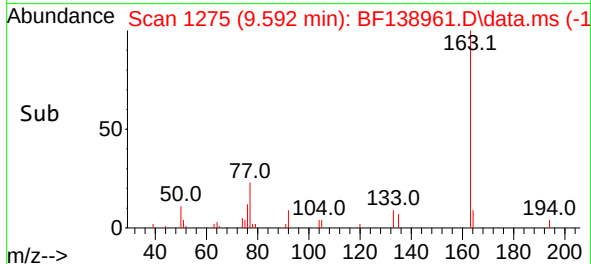
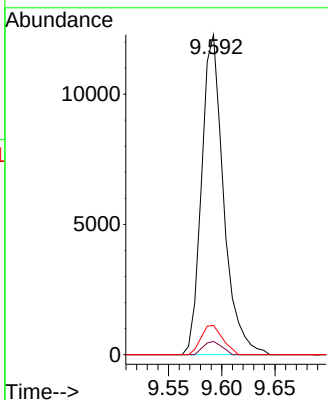
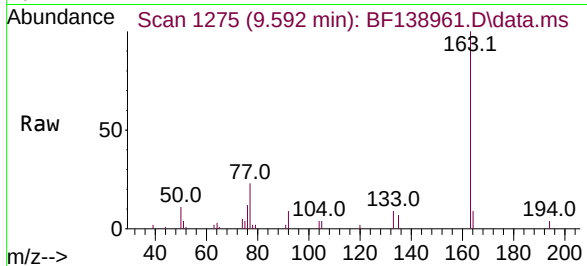




#50
Dimethylphthalate
Concen: 2.578 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138961.D
Acq: 13 Aug 2024 04:55

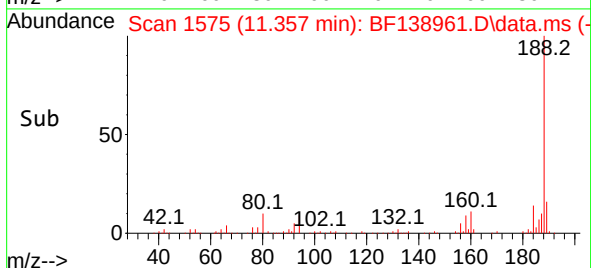
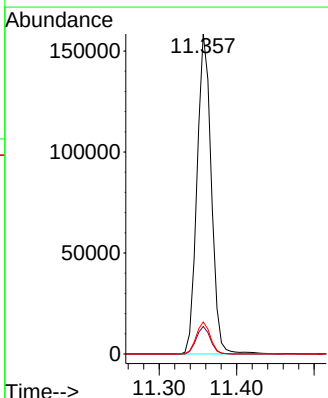
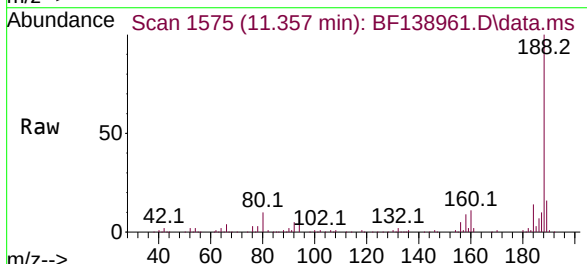
Instrument :
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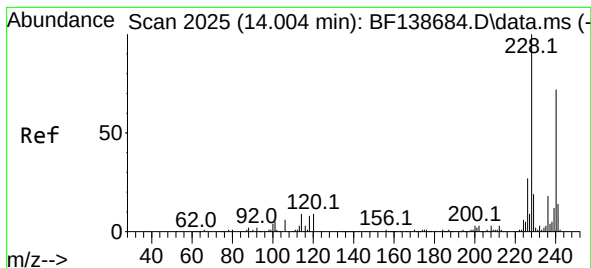
Tgt Ion:163 Resp: 17676
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.2 7.8 11.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138961.D
Acq: 13 Aug 2024 04:55

Tgt Ion:188 Resp: 202355
Ion Ratio Lower Upper
188 100
94 8.6 7.6 11.4
80 10.0 8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138961.D

Acq: 13 Aug 2024 04:55

Instrument :

BNA_F

ClientSampleId :

TS07

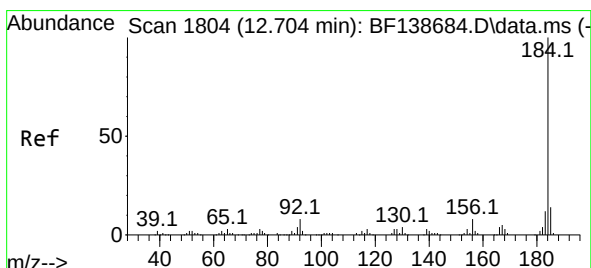
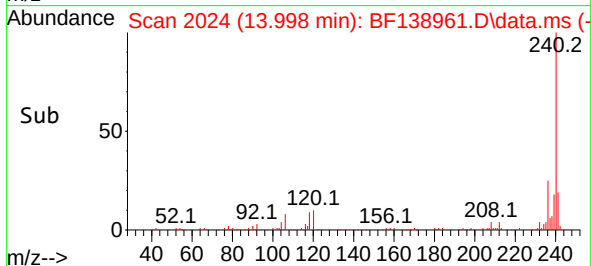
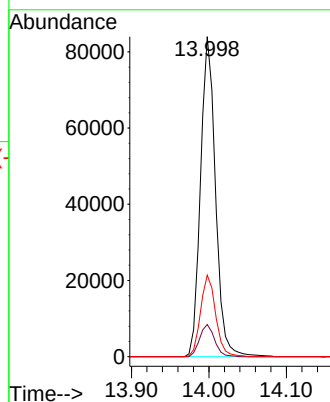
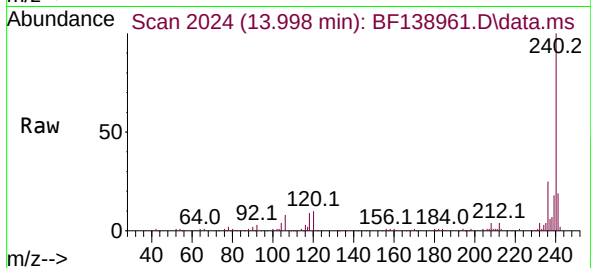
Tgt Ion:240 Resp: 112807

Ion Ratio Lower Upper

240 100

120 10.1 10.2 15.4#

236 25.5 19.8 29.8



#77

Benzidine

Concen: 37.715 ng

RT: 12.698 min Scan# 1803

Delta R.T. -0.006 min

Lab File: BF138961.D

Acq: 13 Aug 2024 04:55

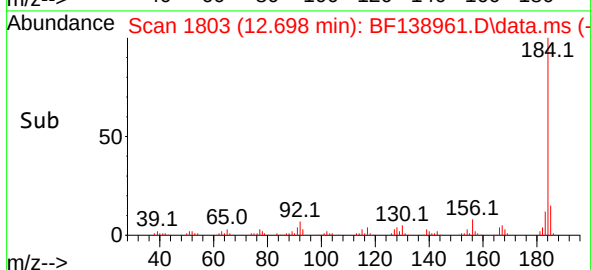
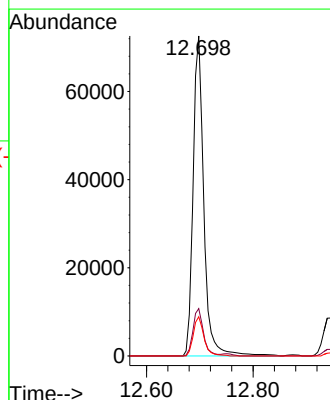
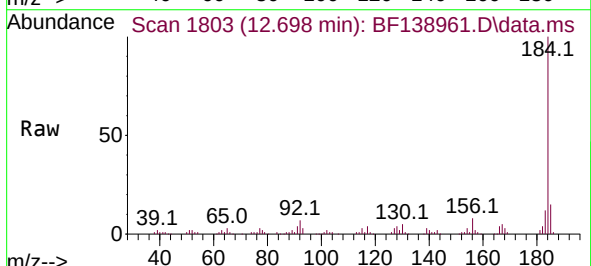
Tgt Ion:184 Resp: 101761

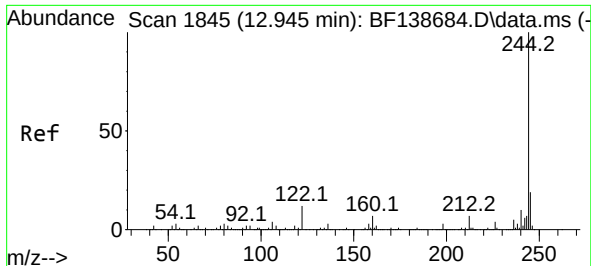
Ion Ratio Lower Upper

184 100

185 14.8 11.1 16.7

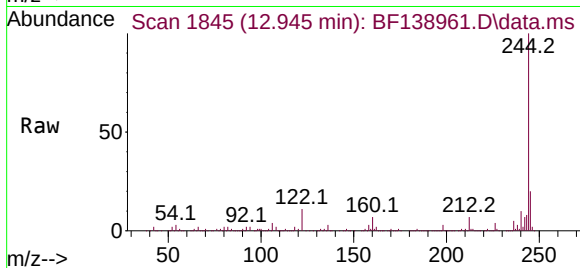
183 12.3 9.6 14.4



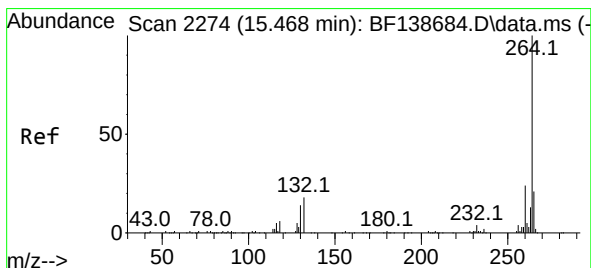
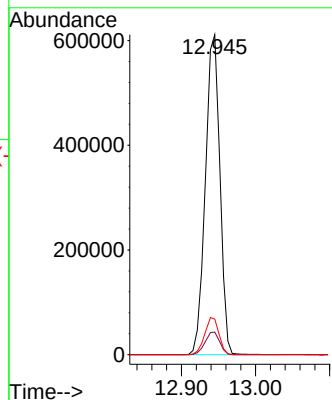
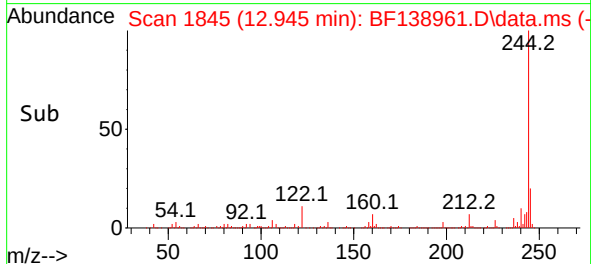


#79
Terphenyl-d14
Concen: 123.698 ng
RT: 12.945 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BF138961.D
Acq: 13 Aug 2024 04:55

Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 833441
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.1 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: BF138961.D
Acq: 13 Aug 2024 04:55

Tgt Ion:264 Resp: 83424
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 21.1 17.0 25.6

