

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
 Data File : BF138699.D
 Acq On : 31 Jul 2024 13:29
 Operator : RC/JU
 Sample : P3386-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Jul 31 14:02:50 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)

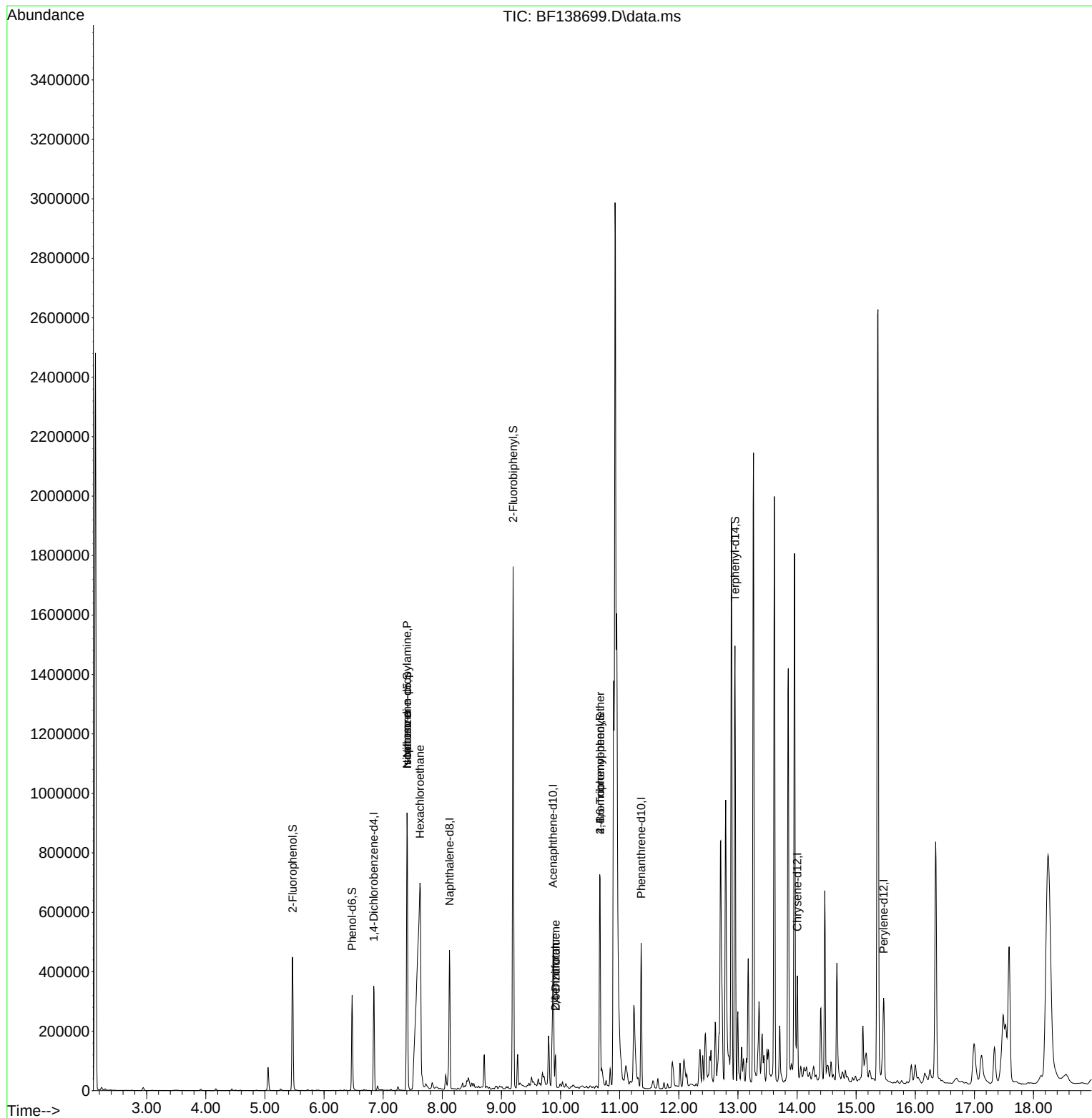
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	70284	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	274477	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	147396	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	240234	20.000	ng	0.00
76) Chrysene-d12	14.004	240	132927	20.000	ng	0.00
86) Perylene-d12	15.463	264	144907	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	157696	34.635	ng	0.00
7) Phenol-d6	6.475	99	136888	22.393	ng	-0.01
23) Nitrobenzene-d5	7.404	82	422442	75.248	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	110660	91.654	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	743715	75.811	ng	0.00
79) Terphenyl-d14	12.951	244	706690	89.010	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.622	117	4496	2.207	ng	# 2
19) n-Nitroso-di-n-propyla...	7.404	70	57134	15.474	ng	# 74
25) Isophorone	7.404	82	419768	43.789	ng	# 66
55) Dibenzofuran	9.916	168	27872	2.412	ng	# 57
57) 2,4-Dinitrotoluene	9.916	165	8126	2.994	ng	# 41
67) 4-Bromophenyl-phenylether	10.669	248	7799	2.998	ng	# 1

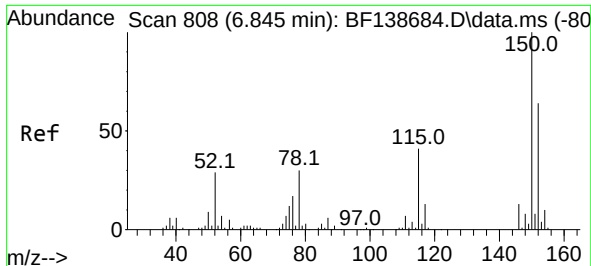
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
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Misc :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

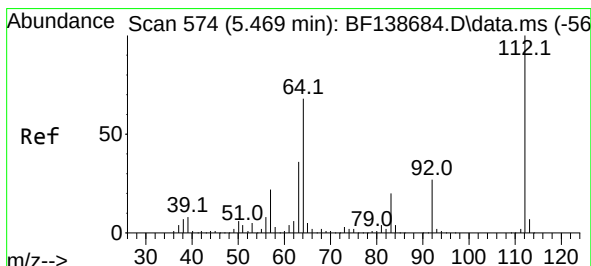
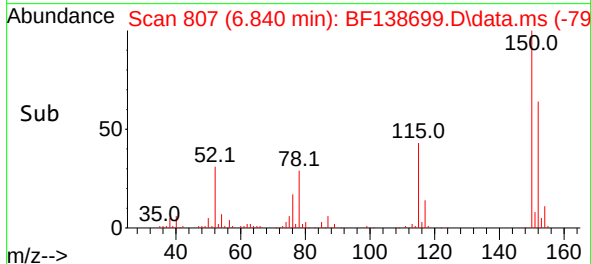
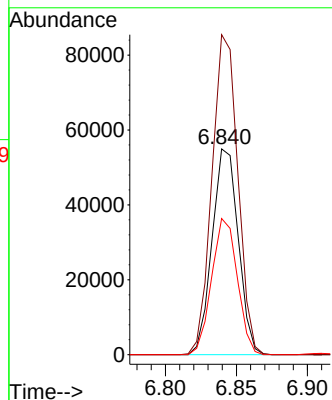
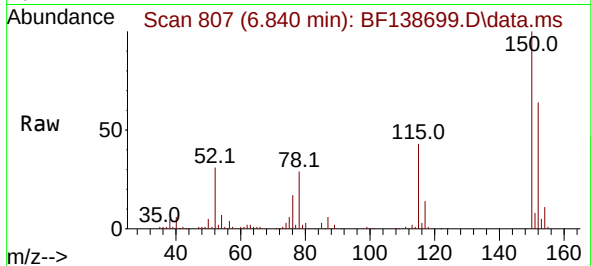




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138699.D
Acq: 31 Jul 2024 13:29

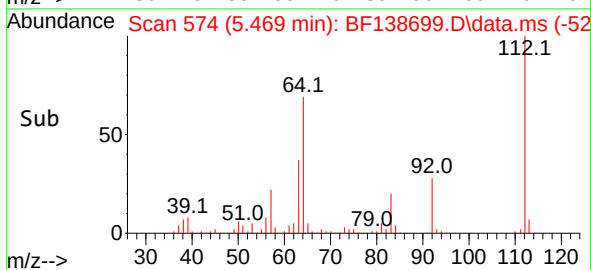
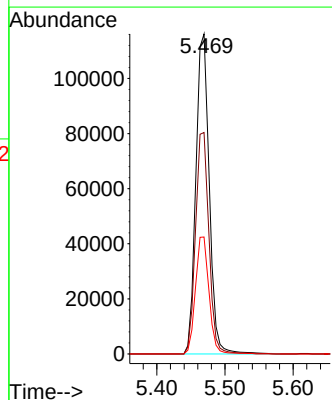
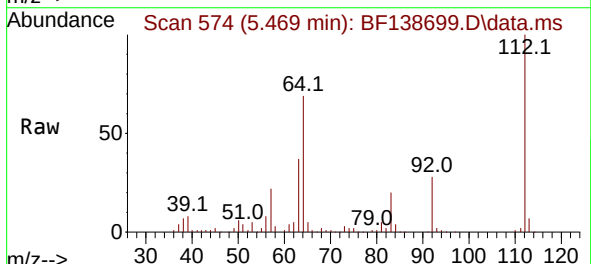
Instrument :
BNA_F
ClientSampleId :
EFF-WW

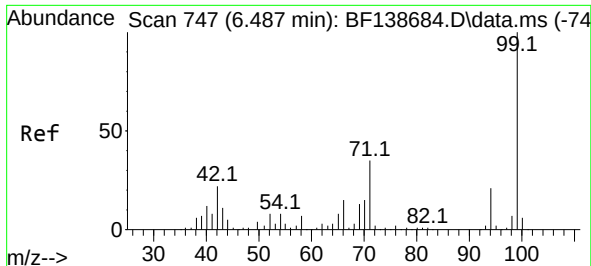
Tgt Ion:152 Resp: 70284
Ion Ratio Lower Upper
152 100
150 155.5 126.0 189.0
115 66.2 51.7 77.5



#5
2-Fluorophenol
Concen: 34.635 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138699.D
Acq: 31 Jul 2024 13:29

Tgt Ion:112 Resp: 157696
Ion Ratio Lower Upper
112 100
64 69.2 54.2 81.4
63 36.5 28.7 43.1





#7

Phenol-d6

Concen: 22.393 ng

RT: 6.475 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF138699.D

Acq: 31 Jul 2024 13:29

Instrument :

BNA_F

ClientSampleId :

EFF-WW

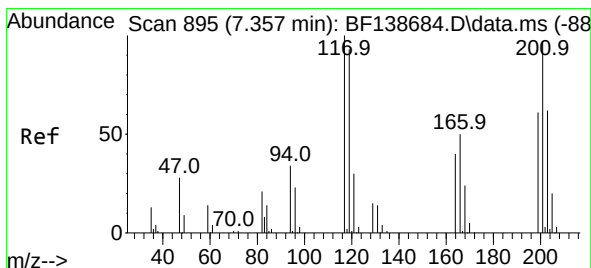
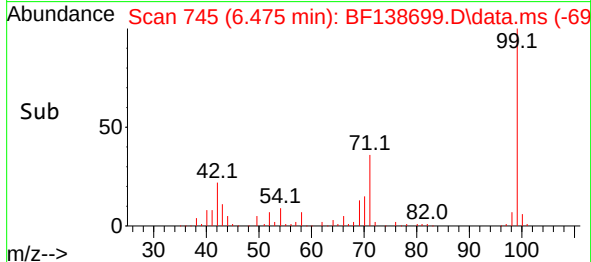
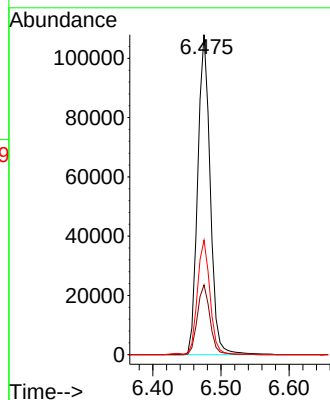
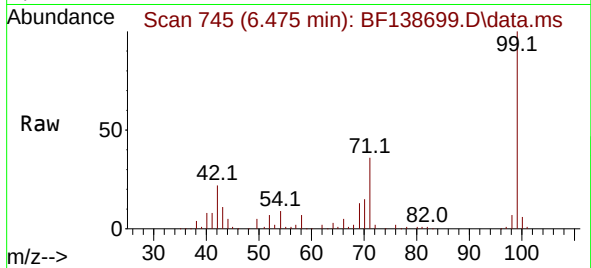
Tgt Ion: 99 Resp: 136888

Ion Ratio Lower Upper

99 100

42 21.8 17.4 26.0

71 35.8 28.1 42.1



#18

Hexachloroethane

Concen: 2.207 ng

RT: 7.622 min Scan# 940

Delta R.T. 0.265 min

Lab File: BF138699.D

Acq: 31 Jul 2024 13:29

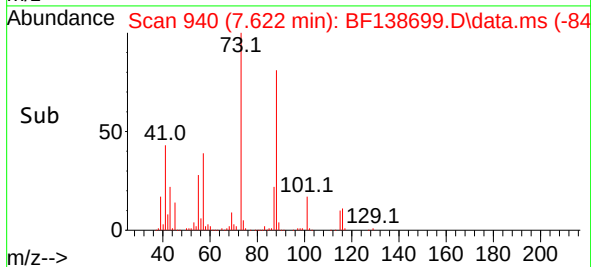
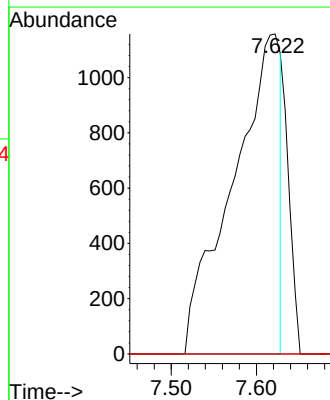
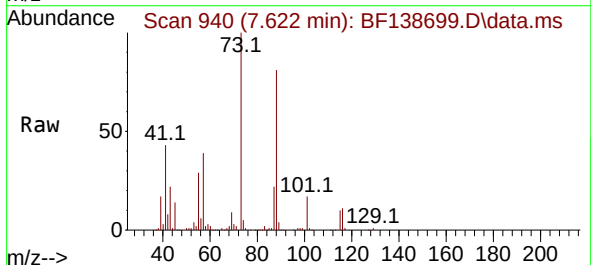
Tgt Ion: 117 Resp: 4496

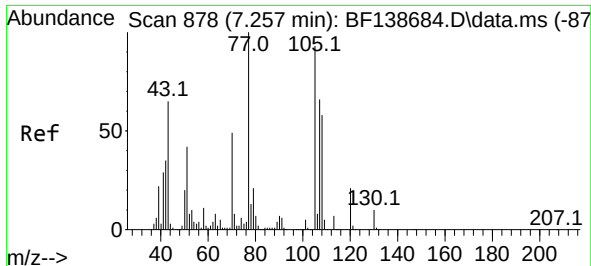
Ion Ratio Lower Upper

117 100

119 0.0 74.6 111.8#

201 0.0 77.2 115.8#

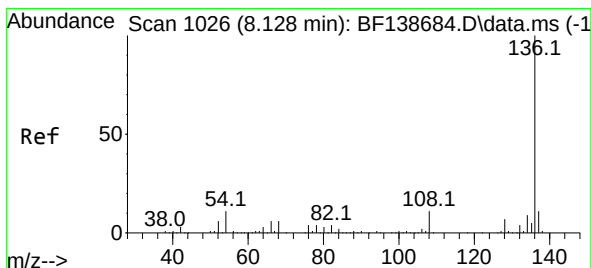
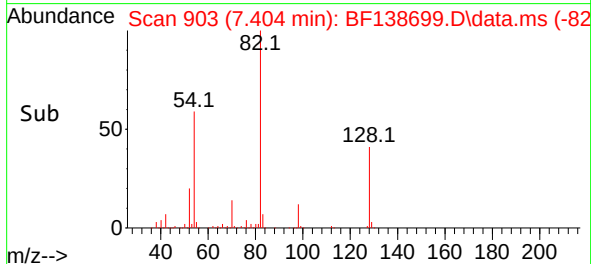
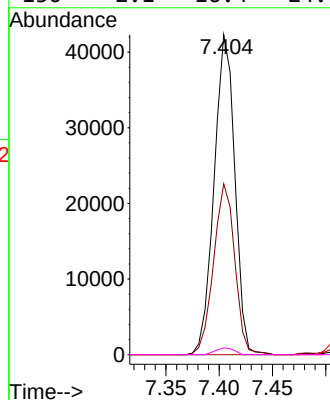
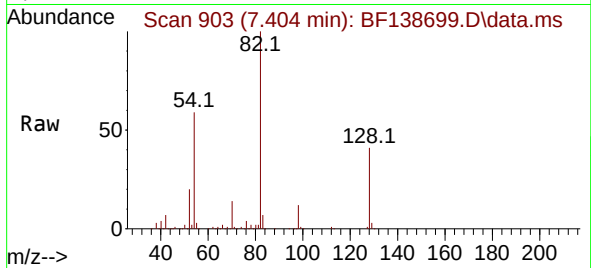




#19
n-Nitroso-di-n-propylamine
Concen: 15.474 ng
RT: 7.404 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF138699.D
Acq: 31 Jul 2024 13:29

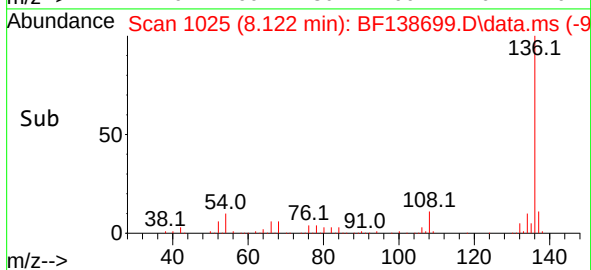
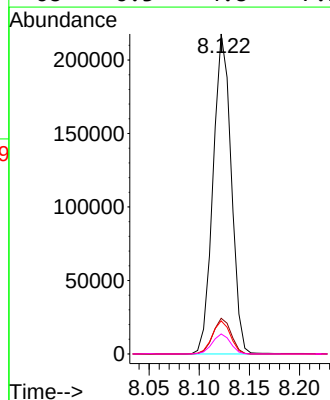
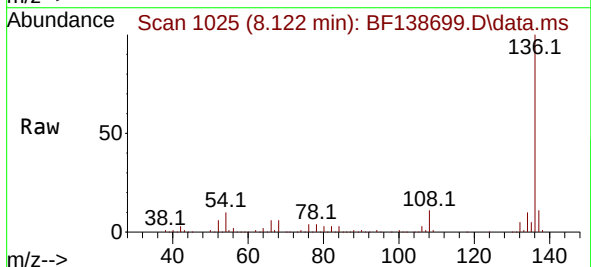
Instrument :
BNA_F
ClientSampleId :
EFF-WW

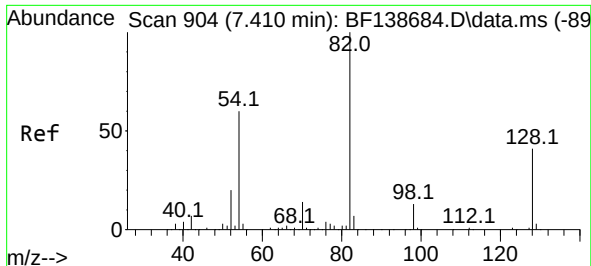
Tgt Ion: 70 Resp: 57134
Ion Ratio Lower Upper
70 100
42 53.4 57.4 86.0#
101 0.0 7.5 11.3#
130 2.1 16.4 24.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138699.D
Acq: 31 Jul 2024 13:29

Tgt Ion: 136 Resp: 274477
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 10.4 8.6 12.8
68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 75.248 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF138699.D

Acq: 31 Jul 2024 13:29

Instrument :

BNA_F

ClientSampleId :

EFF-WW

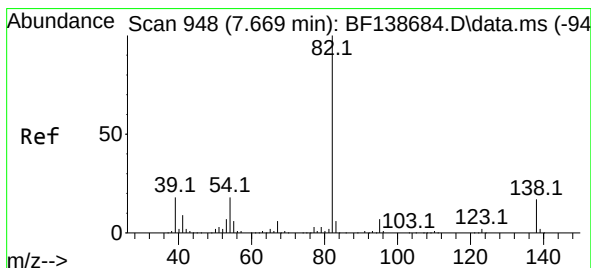
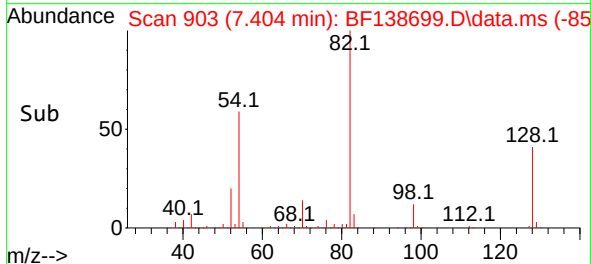
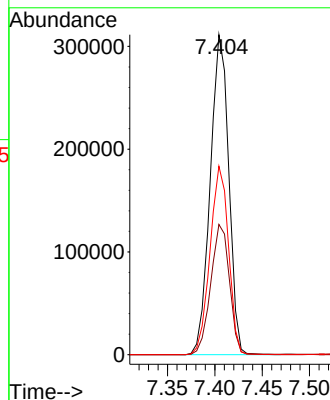
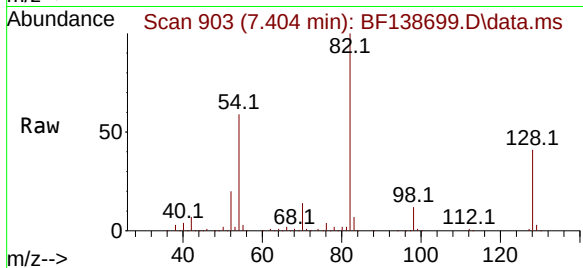
Tgt Ion: 82 Resp: 422442

Ion Ratio Lower Upper

82 100

128 40.7 32.8 49.2

54 58.9 48.3 72.5



#25

Isophorone

Concen: 43.789 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.265 min

Lab File: BF138699.D

Acq: 31 Jul 2024 13:29

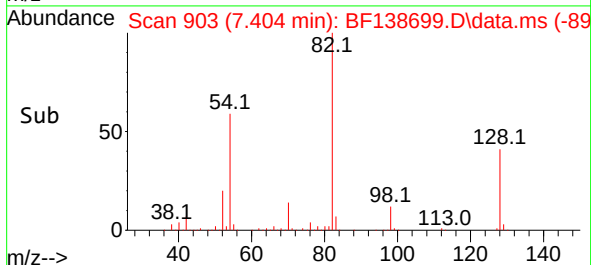
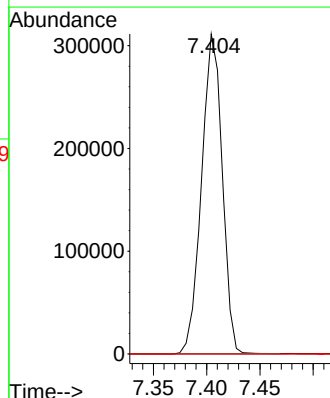
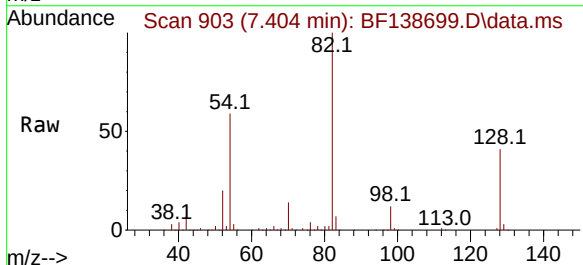
Tgt Ion: 82 Resp: 419768

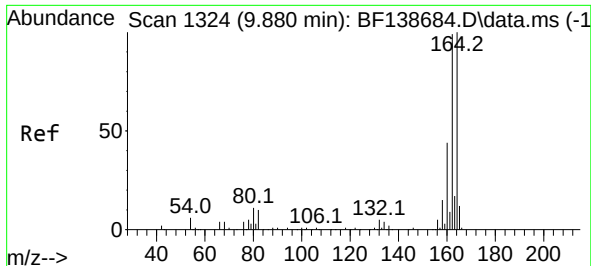
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 13.7 20.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF138699.D

Acq: 31 Jul 2024 13:29

Instrument :

BNA_F

ClientSampleId :

EFF-WW

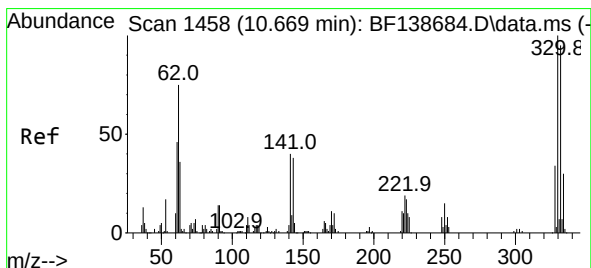
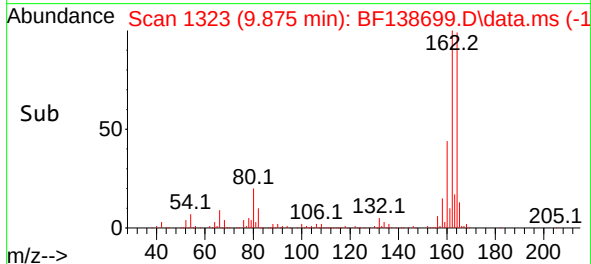
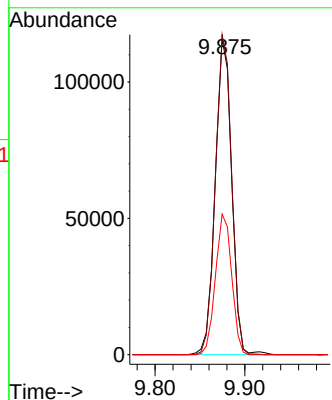
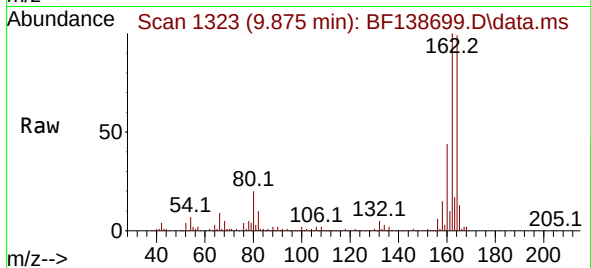
Tgt Ion:164 Resp: 147396

Ion Ratio Lower Upper

164 100

162 101.3 79.4 119.0

160 44.5 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 91.654 ng

RT: 10.669 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF138699.D

Acq: 31 Jul 2024 13:29

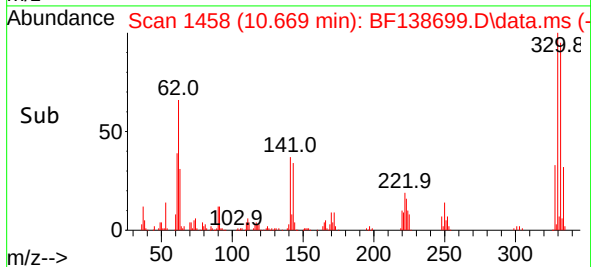
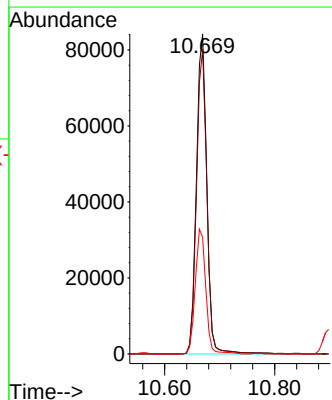
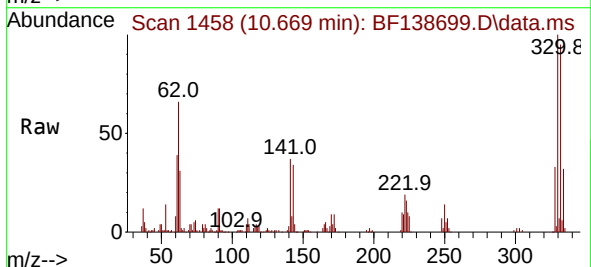
Tgt Ion:330 Resp: 110660

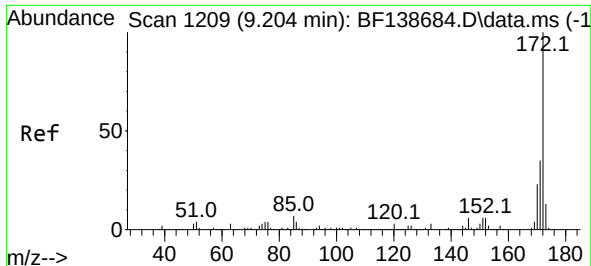
Ion Ratio Lower Upper

330 100

332 94.9 76.4 114.6

141 39.4 31.1 46.7





#45

2-Fluorobiphenyl

Concen: 75.811 ng

RT: 9.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138699.D

Acq: 31 Jul 2024 13:29

Instrument :

BNA_F

ClientSampleId :

EFF-WW

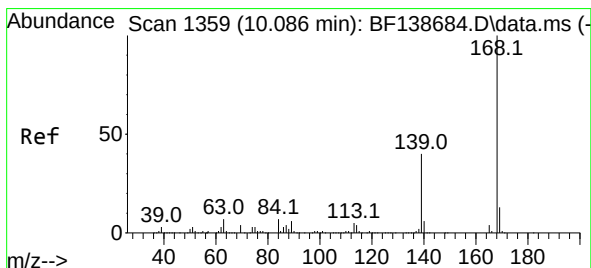
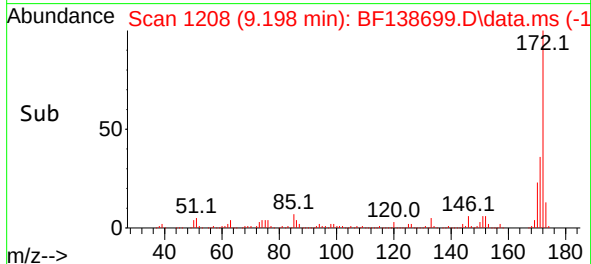
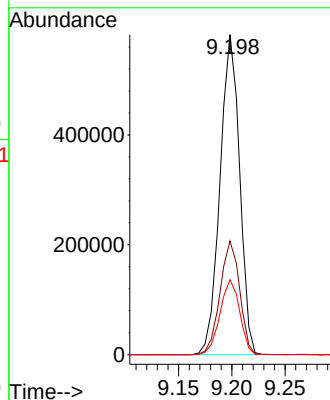
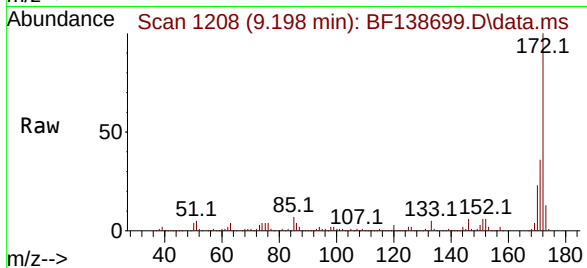
Tgt Ion:172 Resp: 743715

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.5 18.8 28.2



#55

Dibenzofuran

Concen: 2.412 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.171 min

Lab File: BF138699.D

Acq: 31 Jul 2024 13:29

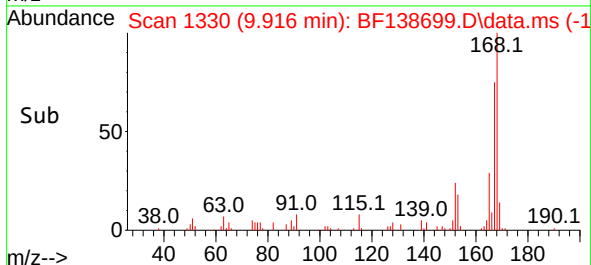
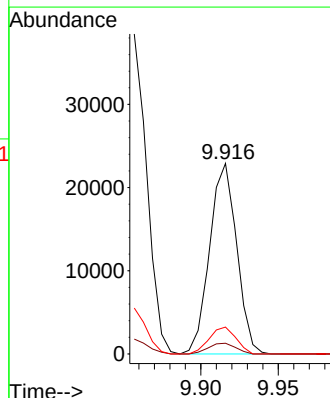
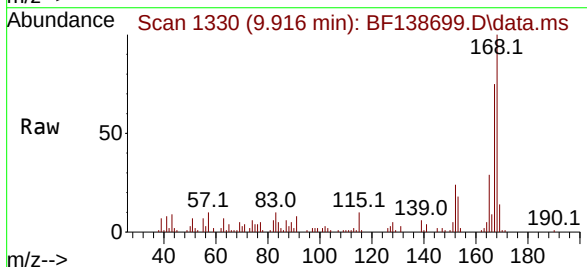
Tgt Ion:168 Resp: 27872

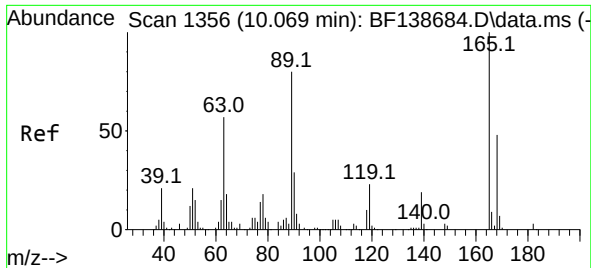
Ion Ratio Lower Upper

168 100

139 5.6 32.6 49.0#

169 14.1 10.7 16.1

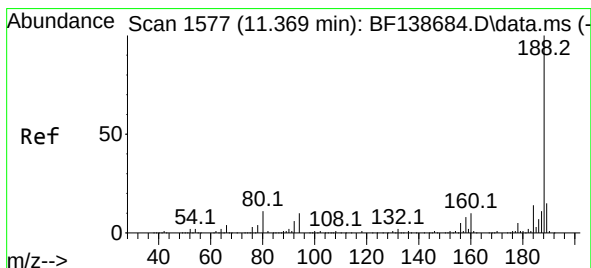
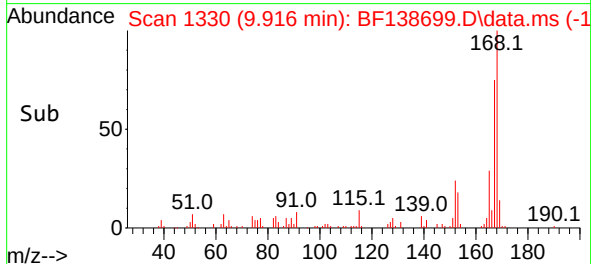
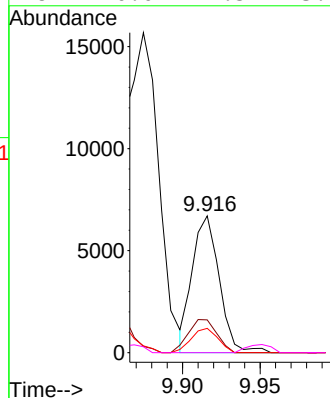
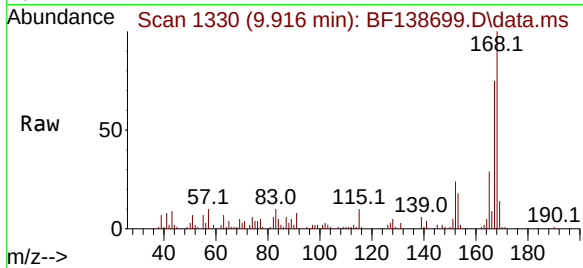




#57
2,4-Dinitrotoluene
Concen: 2.994 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.153 min
Lab File: BF138699.D
Acq: 31 Jul 2024 13:29

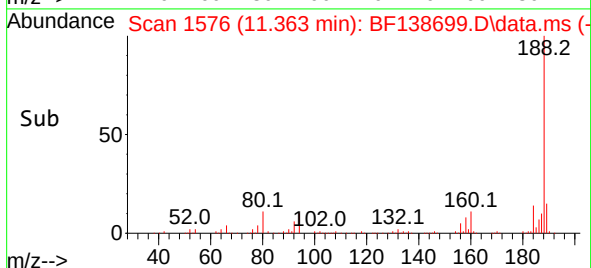
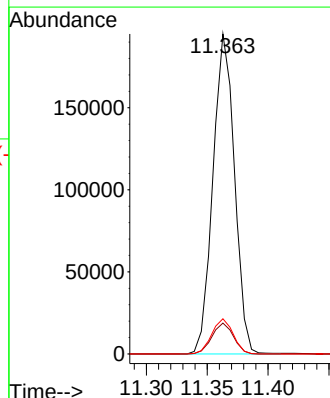
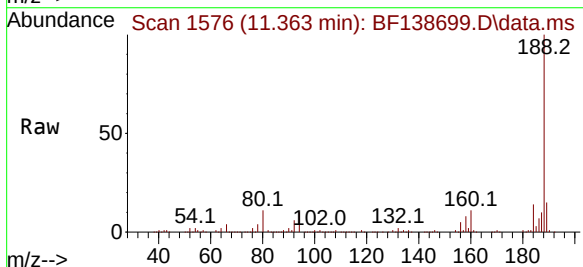
Instrument :
BNA_F
ClientSampleId :
EFF-WW

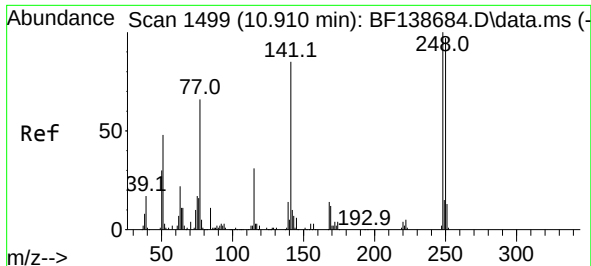
Tgt Ion:165 Resp: 8126
Ion Ratio Lower Upper
165 100
63 24.0 46.3 69.5#
89 17.8 64.2 96.4#
182 0.0 2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138699.D
Acq: 31 Jul 2024 13:29

Tgt Ion:188 Resp: 240234
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 11.0 8.6 12.8

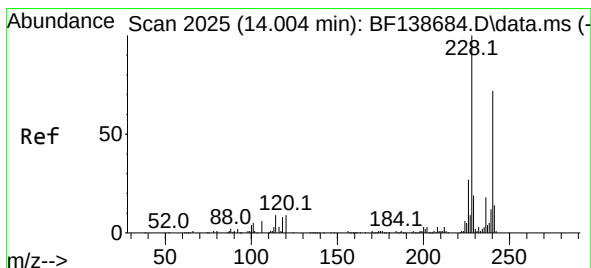
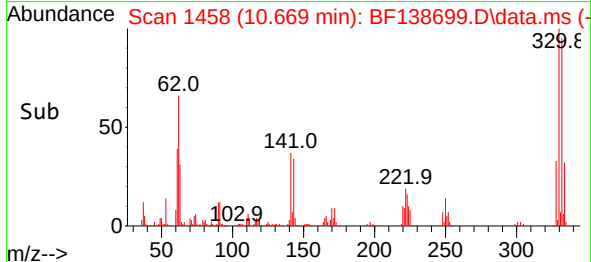
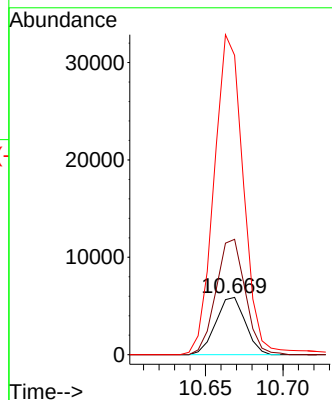
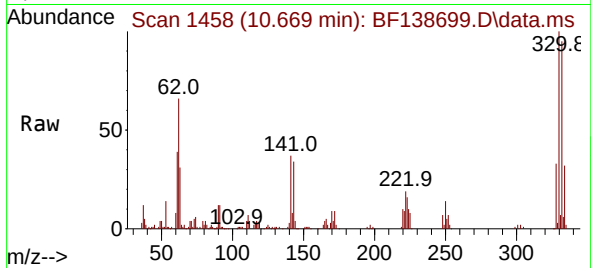




#67
4-Bromophenyl-phenylether
Concen: 2.998 ng
RT: 10.669 min Scan# 1499
Delta R.T. -0.241 min
Lab File: BF138699.D
Acq: 31 Jul 2024 13:29

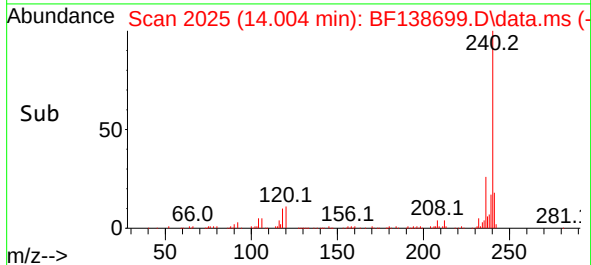
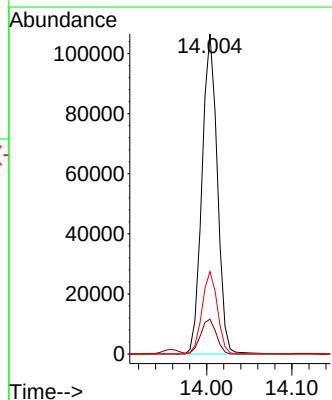
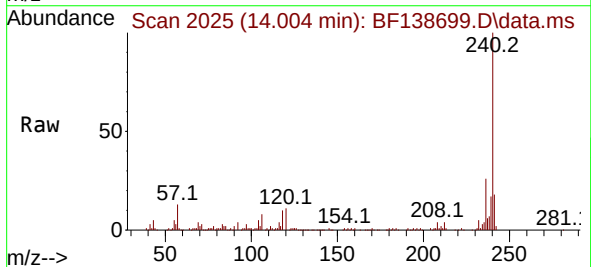
Instrument :
BNA_F
ClientSampleId :
EFF-WW

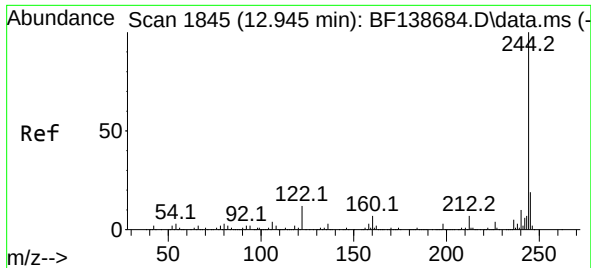
Tgt Ion:248 Resp: 7799
Ion Ratio Lower Upper
248 100
250 201.5 77.7 116.5#
141 523.2 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138699.D
Acq: 31 Jul 2024 13:29

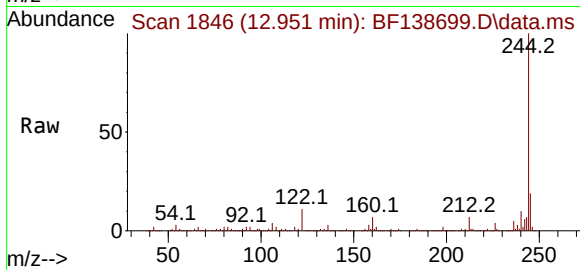
Tgt Ion:240 Resp: 132927
Ion Ratio Lower Upper
240 100
120 10.9 10.2 15.4
236 25.7 19.8 29.8



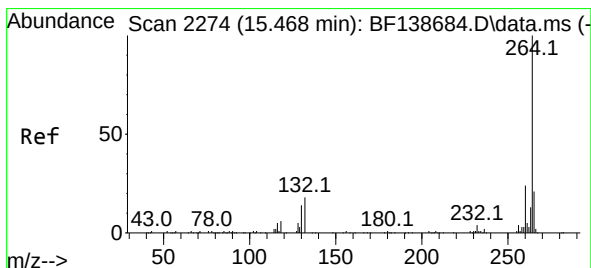
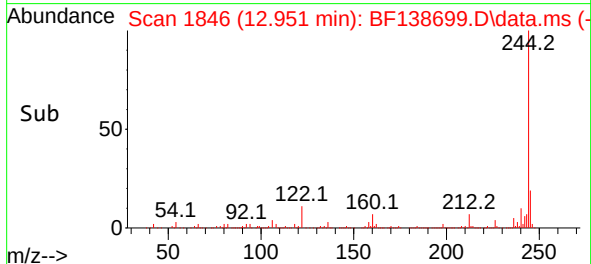
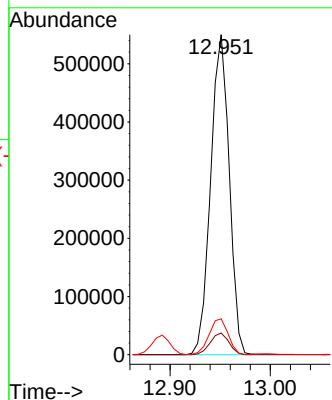


#79
Terphenyl-d14
Concen: 89.010 ng
RT: 12.951 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BF138699.D
Acq: 31 Jul 2024 13:29

Instrument :
BNA_F
ClientSampleId :
EFF-WW



Tgt Ion:244 Resp: 706690
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 11.2 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: BF138699.D
Acq: 31 Jul 2024 13:29

Tgt Ion:264 Resp: 144907
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 21.9 17.0 25.6

