

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
 Data File : BF138369.D
 Acq On : 27 Jun 2024 16:37
 Operator : CG\JU
 Sample : P3049-01 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHOP-RAG-DRUM

Quant Time: Jun 27 17:20:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

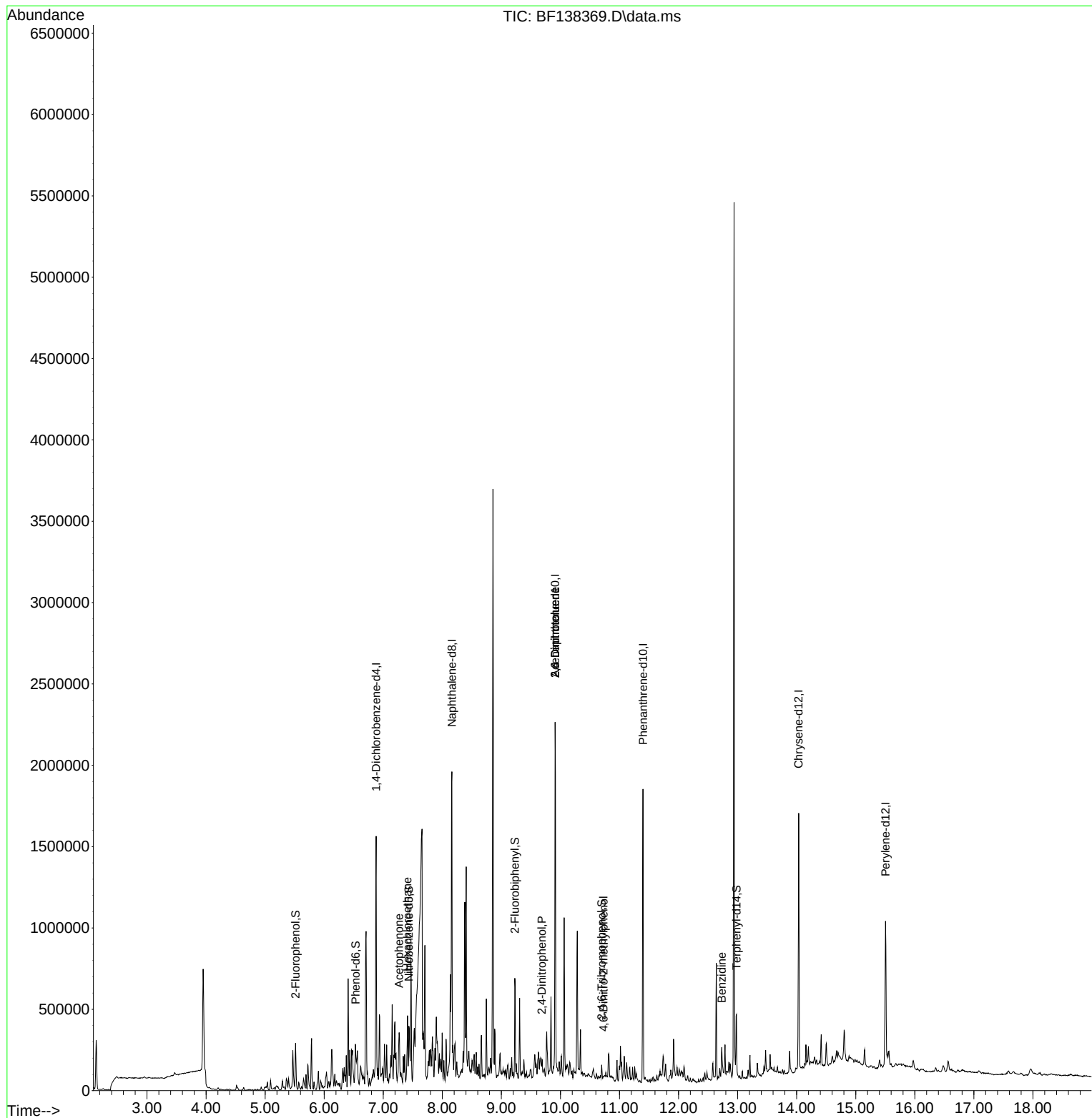
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.880	152	216979	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	830823	20.000	ng	#-0.01
39) Acenaphthene-d10	9.910	164	442824	20.000	ng	-0.02
64) Phenanthrene-d10	11.398	188	621124	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	423771	20.000	ng	-0.02
86) Perylene-d12	15.503	264	421320	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	91074	7.021	ng	0.00
7) Phenol-d6	6.533	99	113527	6.902	ng	0.01
23) Nitrobenzene-d5	7.433	82	80481	5.639	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	8983	2.038	ng	-0.02
45) 2-Fluorobiphenyl	9.227	172	182435	6.551	ng	-0.02
79) Terphenyl-d14	12.980	244	130028	4.860	ng	-0.02
Target Compounds						
						Qvalue
18) Hexachloroethane	7.410	117	21613	3.978	ng	# 1
22) Acetophenone	7.269	105	43637	2.299	ng	# 58
51) 2,6-Dinitrotoluene	9.910	165	60702	10.313	ng	# 25
54) 2,4-Dinitrophenol	9.686	184	55	4.229	ng	# 1
57) 2,4-Dinitrotoluene	9.910	165	60702	8.361	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.727	198	247	7.001	ng	# 1
77) Benzydine	12.733	184	18806	3.837	ng	# 92

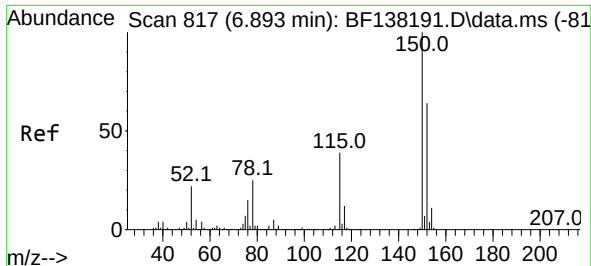
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138369.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
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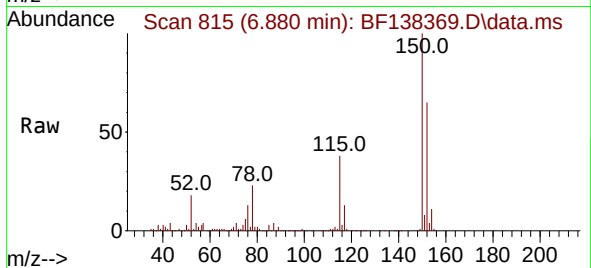
Quant Time: Jun 27 17:20:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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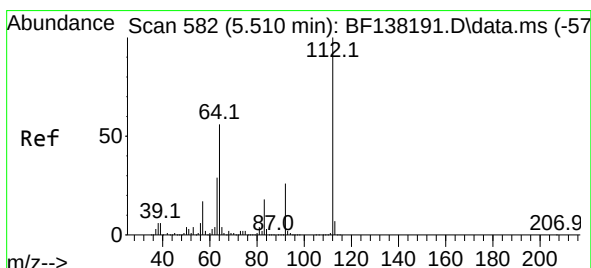
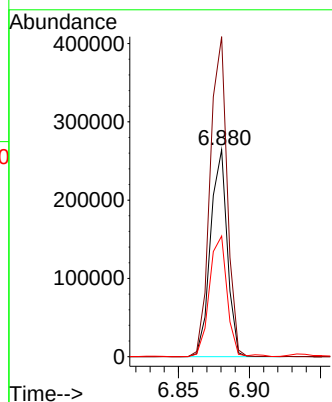
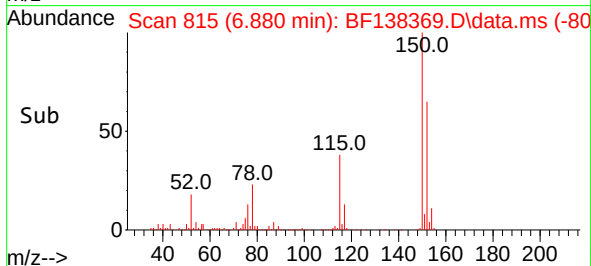


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.880 min Scan# 815
 Delta R.T. -0.013 min
 Lab File: BF138369.D
 Acq: 27 Jun 2024 16:37

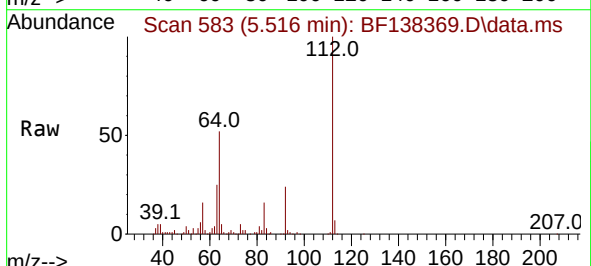
Instrument :
 BNA_F
 ClientSampleId :
 SHOP-RAG-DRUM



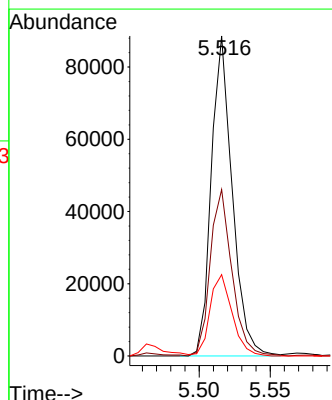
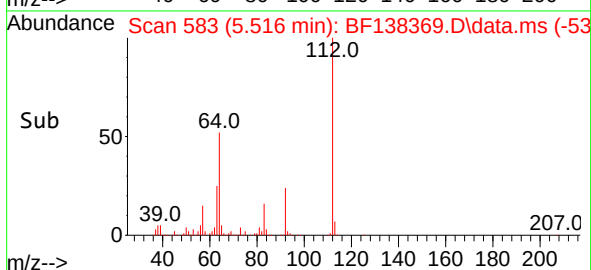
Tgt Ion:152 Resp: 216979
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.0 187.4
 115 58.3 48.4 72.6

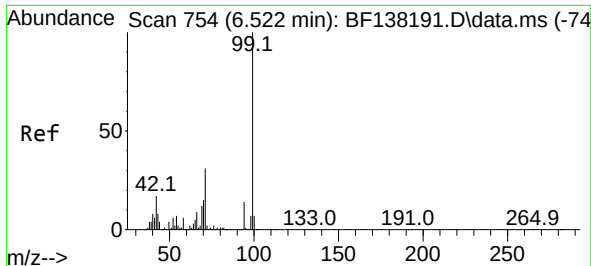


#5
 2-Fluorophenol
 Concen: 7.021 ng
 RT: 5.516 min Scan# 583
 Delta R.T. 0.006 min
 Lab File: BF138369.D
 Acq: 27 Jun 2024 16:37



Tgt Ion:112 Resp: 91074
 Ion Ratio Lower Upper
 112 100
 64 52.0 45.2 67.8
 63 25.4 22.9 34.3





#7

Phenol-d6

Concen: 6.902 ng

RT: 6.533 min Scan# 71

Delta R.T. 0.011 min

Lab File: BF138369.D

Acq: 27 Jun 2024 16:37

Instrument :

BNA_F

ClientSampleId :

SHOP-RAG-DRUM

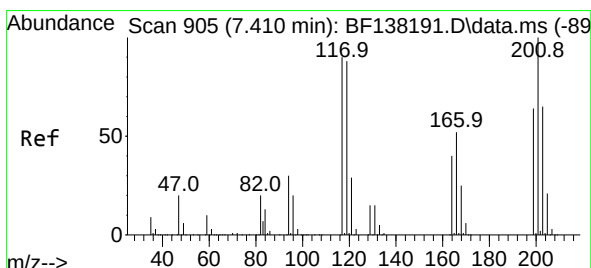
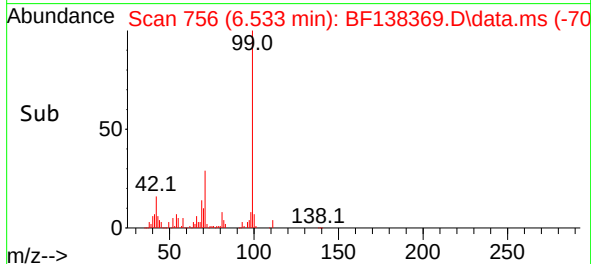
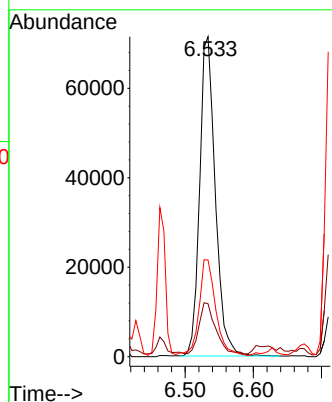
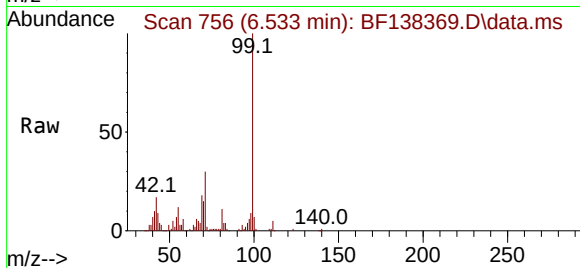
Tgt Ion: 99 Resp: 113527

Ion Ratio Lower Upper

99 100

42 16.6 13.7 20.5

71 30.2 25.0 37.6



#18

Hexachloroethane

Concen: 3.978 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF138369.D

Acq: 27 Jun 2024 16:37

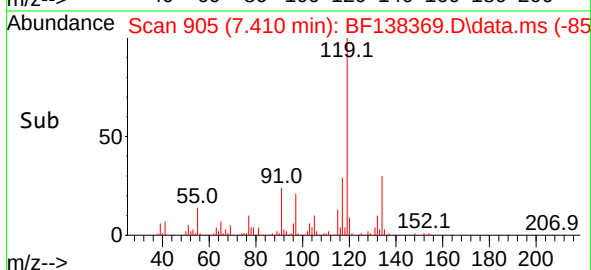
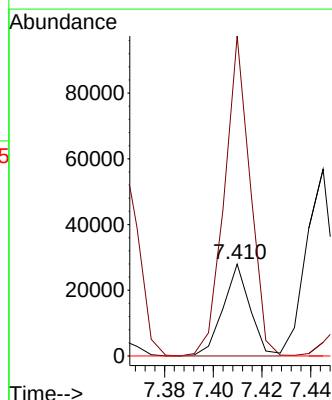
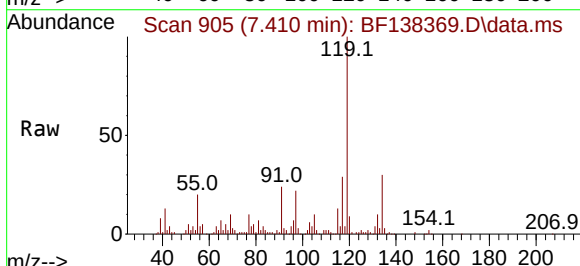
Tgt Ion: 117 Resp: 21613

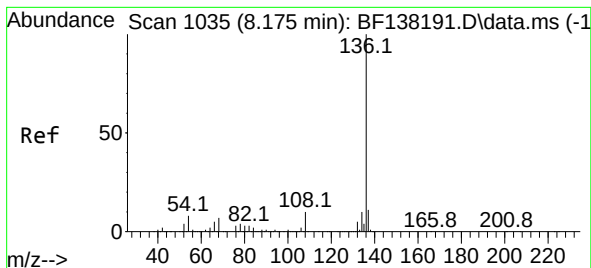
Ion Ratio Lower Upper

117 100

119 348.6 78.4 117.6#

201 0.0 89.0 133.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1033

Delta R.T. -0.012 min

Lab File: BF138369.D

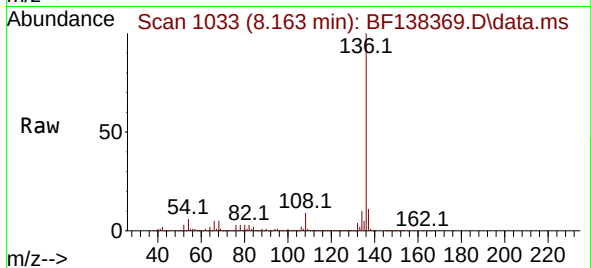
Acq: 27 Jun 2024 16:37

Instrument :

BNA_F

ClientSampleId :

SHOP-RAG-DRUM



Tgt Ion:136 Resp: 830823

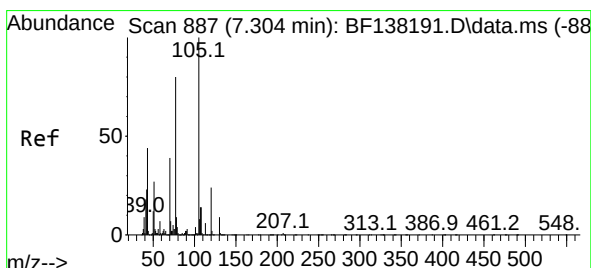
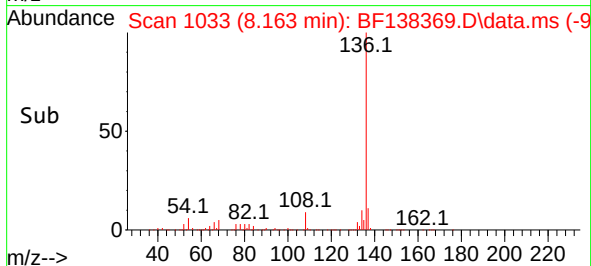
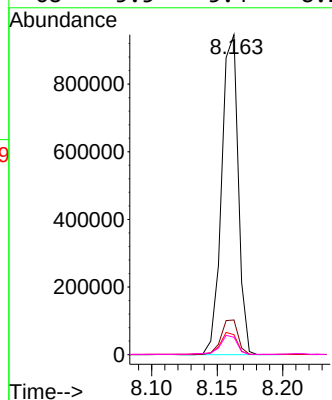
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.3 6.6 10.0#

68 5.5 5.4 8.2



#22

Acetophenone

Concen: 2.299 ng

RT: 7.269 min Scan# 881

Delta R.T. -0.036 min

Lab File: BF138369.D

Acq: 27 Jun 2024 16:37

Tgt Ion:105 Resp: 43637

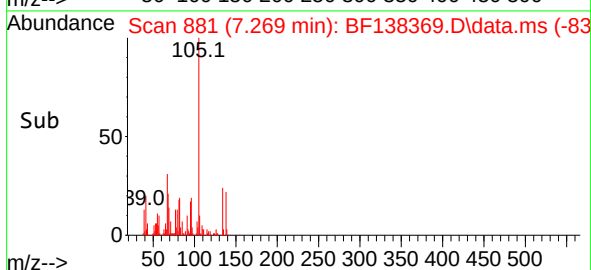
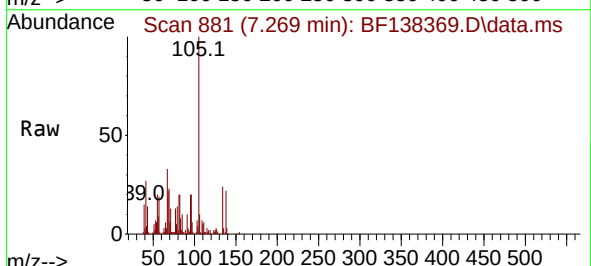
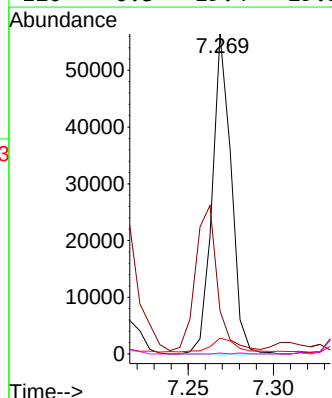
Ion Ratio Lower Upper

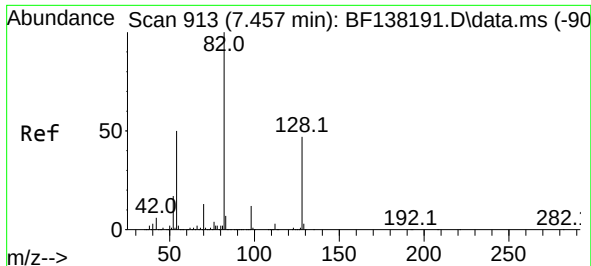
105 100

71 13.5 5.4 8.2#

51 5.0 21.4 32.0#

120 0.3 19.4 29.2#





#23

Nitrobenzene-d5

Concen: 5.639 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.024 min

Lab File: BF138369.D

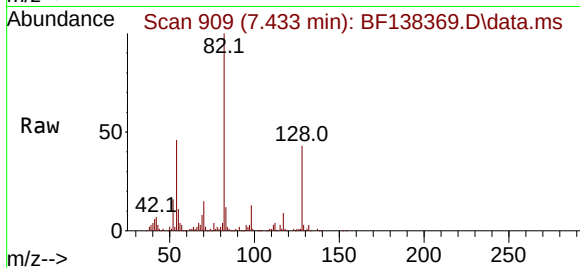
Acq: 27 Jun 2024 16:37

Instrument :

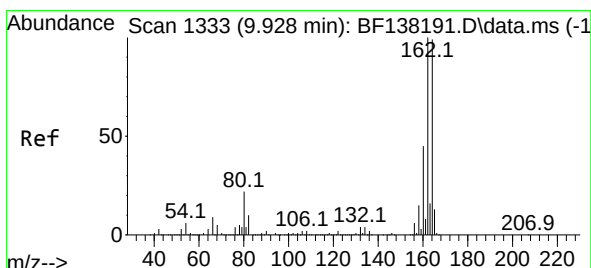
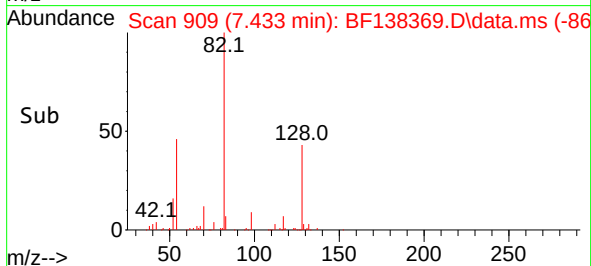
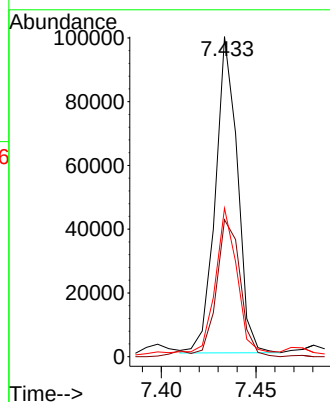
BNA_F

ClientSampleId :

SHOP-RAG-DRUM



Tgt Ion: 82	Resp: 80481
Ion Ratio	Lower Upper
82	100
128	42.8 37.2 55.8
54	46.4 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

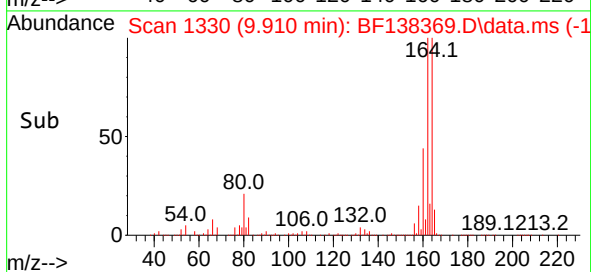
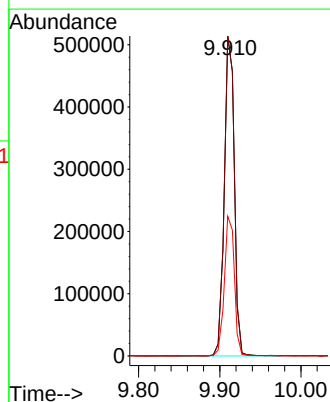
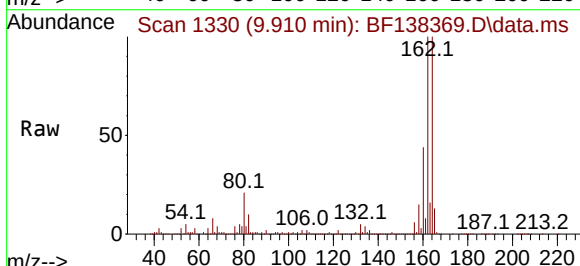
RT: 9.910 min Scan# 1330

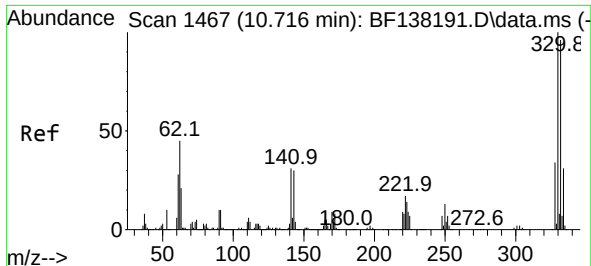
Delta R.T. -0.018 min

Lab File: BF138369.D

Acq: 27 Jun 2024 16:37

Tgt Ion: 164	Resp: 442824
Ion Ratio	Lower Upper
164	100
162	100.2 80.6 121.0
160	43.7 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 2.038 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.018 min

Lab File: BF138369.D

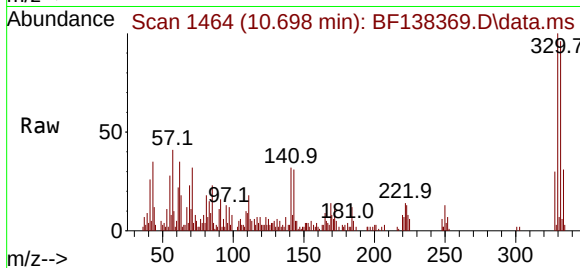
Acq: 27 Jun 2024 16:37

Instrument :

BNA_F

ClientSampleId :

SHOP-RAG-DRUM



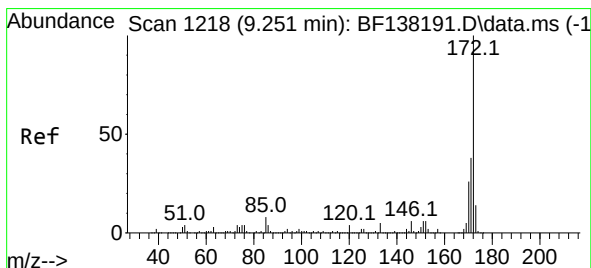
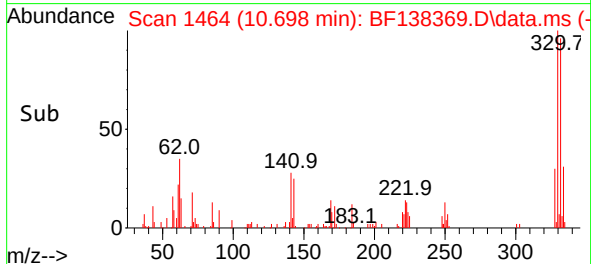
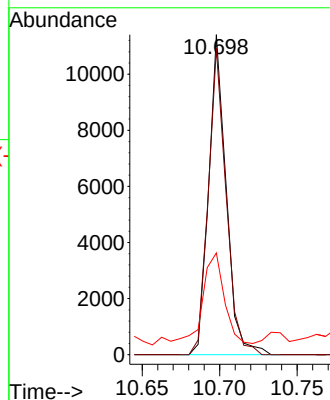
Tgt Ion:330 Resp: 8983

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

141 37.4 23.9 35.9#



#45

2-Fluorobiphenyl

Concen: 6.551 ng

RT: 9.227 min Scan# 1214

Delta R.T. -0.024 min

Lab File: BF138369.D

Acq: 27 Jun 2024 16:37

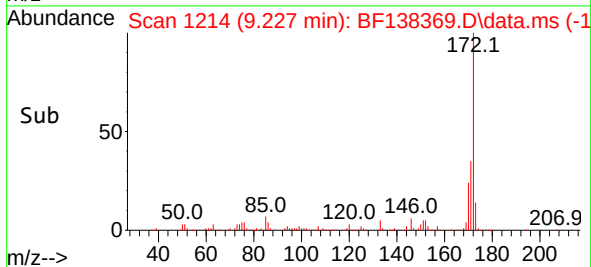
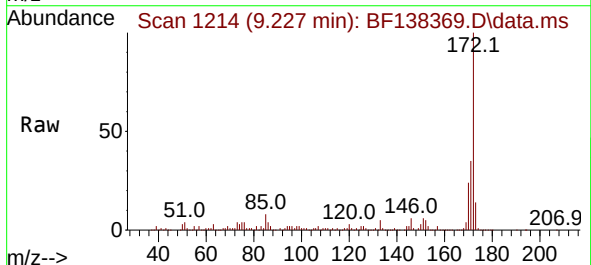
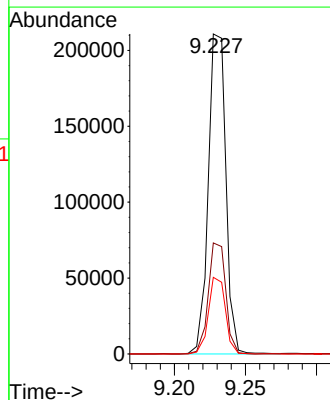
Tgt Ion:172 Resp: 182435

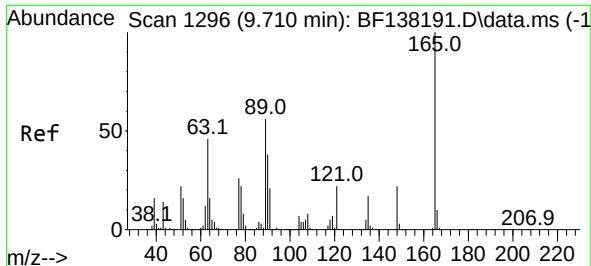
Ion Ratio Lower Upper

172 100

171 34.7 30.3 45.5

170 23.9 20.6 30.8

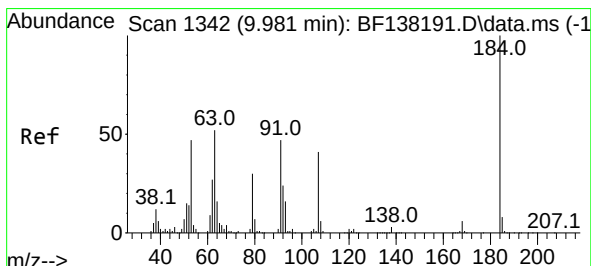
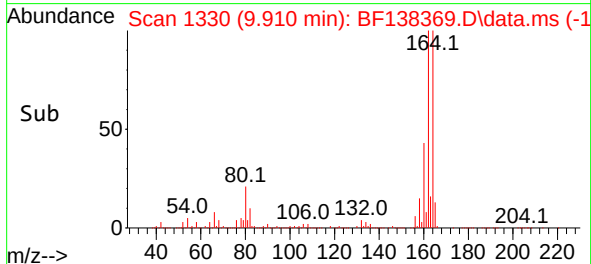
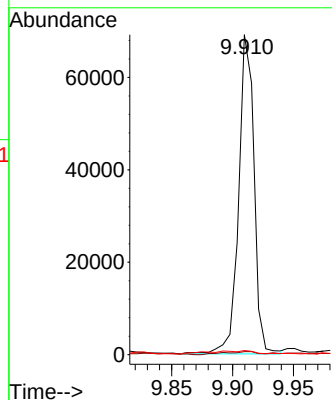
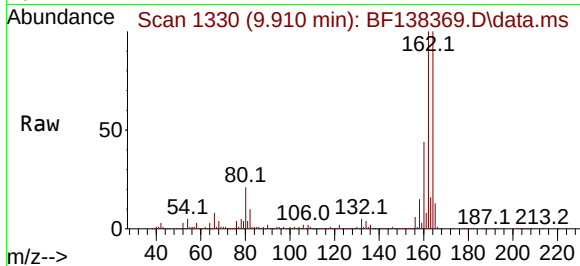




#51
2,6-Dinitrotoluene
Concen: 10.313 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138369.D
Acq: 27 Jun 2024 16:37

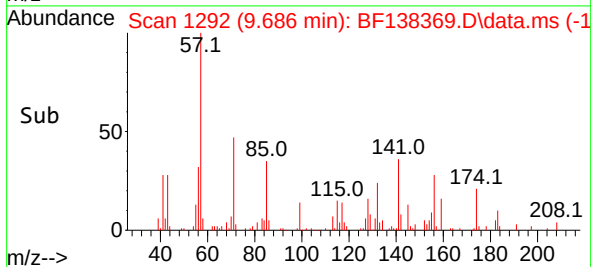
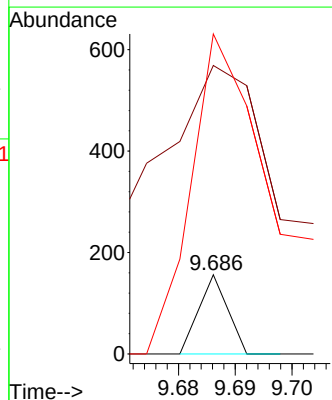
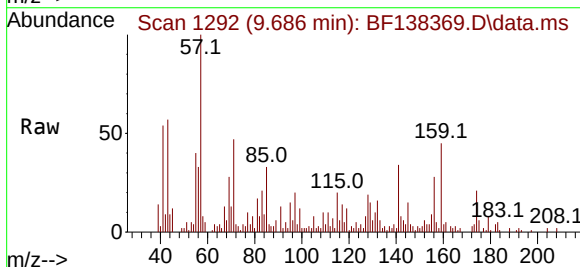
Instrument :
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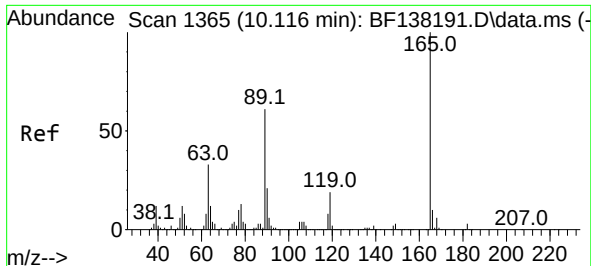
Tgt Ion:165 Resp: 60702
Ion Ratio Lower Upper
165 100
63 1.0 43.7 65.5#
89 1.3 44.9 67.3#



#54
2,4-Dinitrophenol
Concen: 4.229 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.295 min
Lab File: BF138369.D
Acq: 27 Jun 2024 16:37

Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 364.7 49.2 73.8#
154 404.5 46.7 70.1#

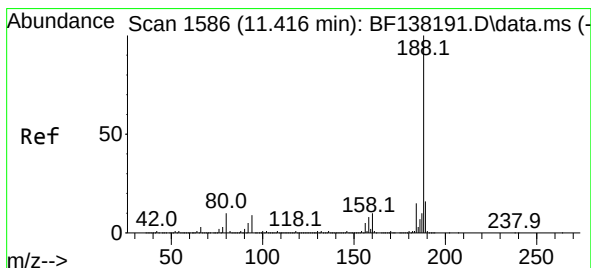
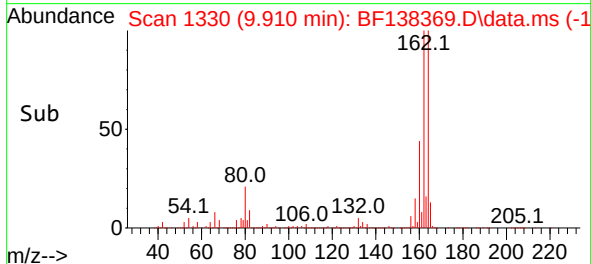
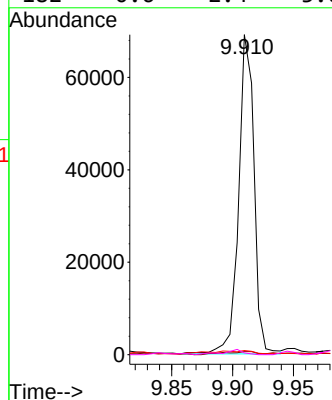
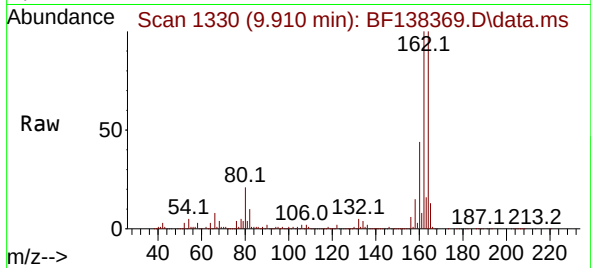




#57
2,4-Dinitrotoluene
Concen: 8.361 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF138369.D
Acq: 27 Jun 2024 16:37

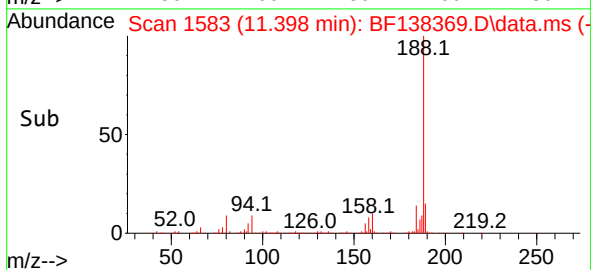
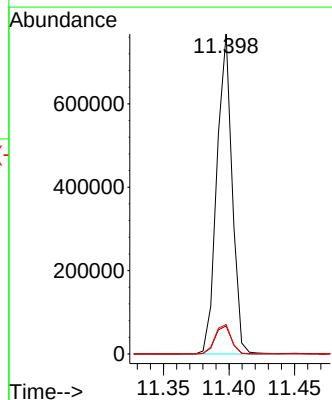
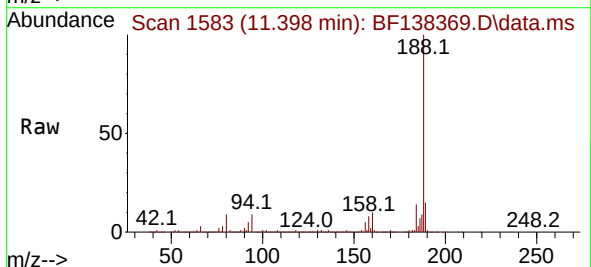
Instrument :
BNA_F
ClientSampleId :
SHOP-RAG-DRUM

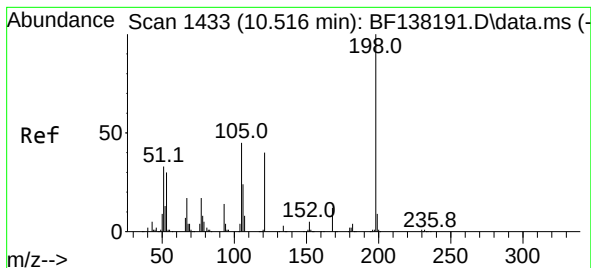
Tgt Ion:165 Resp: 60702
Ion Ratio Lower Upper
165 100
63 1.0 26.6 39.8#
89 1.3 48.7 73.1#
182 0.6 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.018 min
Lab File: BF138369.D
Acq: 27 Jun 2024 16:37

Tgt Ion:188 Resp: 621124
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.2 8.1 12.1

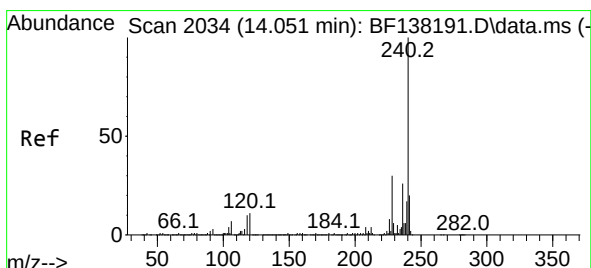
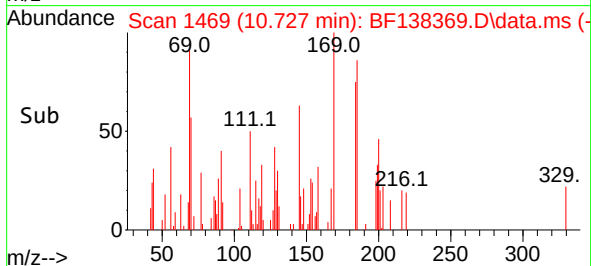
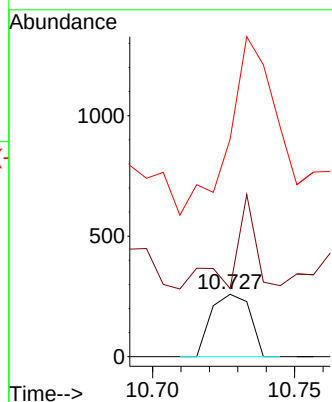
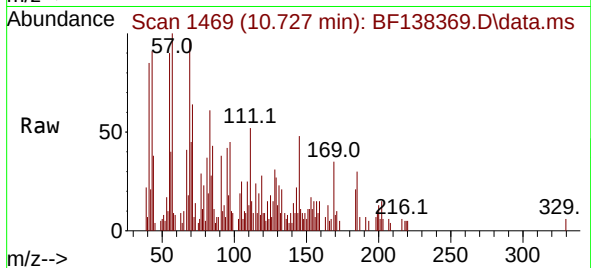




#65
4,6-Dinitro-2-methylphenol
Concen: 7.001 ng
RT: 10.727 min Scan# 1433
Delta R.T. 0.211 min
Lab File: BF138369.D
Acq: 27 Jun 2024 16:37

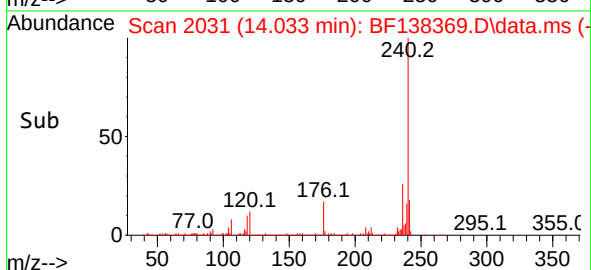
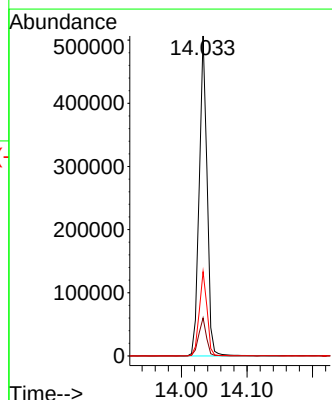
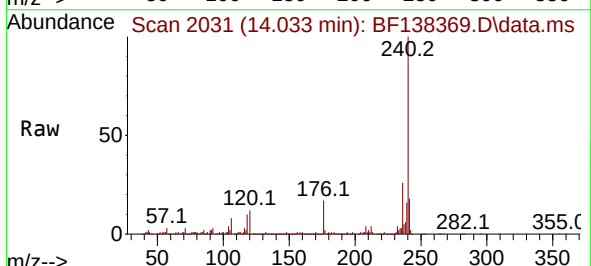
Instrument :
BNA_F
ClientSampleId :
SHOP-RAG-DRUM

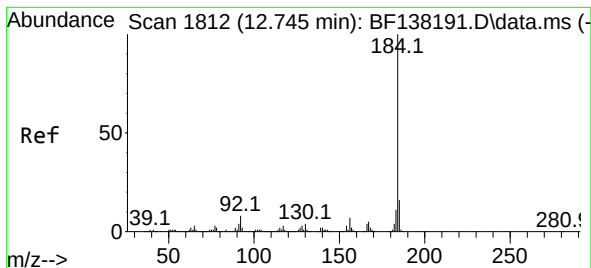
Tgt Ion:198 Resp: 247
Ion Ratio Lower Upper
198 100
51 109.3 26.9 66.9#
105 348.6 26.0 66.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF138369.D
Acq: 27 Jun 2024 16:37

Tgt Ion:240 Resp: 423771
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 26.4 21.0 31.6





#77

Benzidine

Concen: 3.837 ng

RT: 12.733 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF138369.D

Acq: 27 Jun 2024 16:37

Instrument :

BNA_F

ClientSampleId :

SHOP-RAG-DRUM

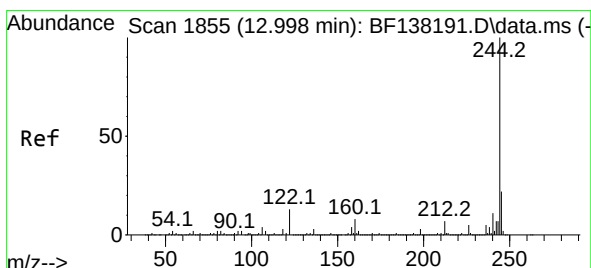
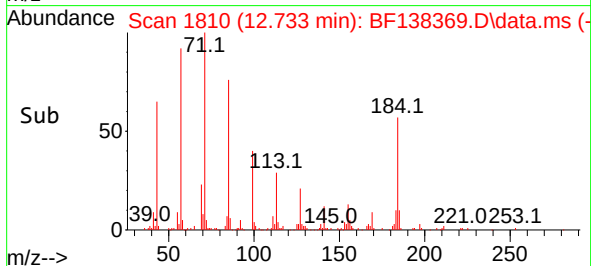
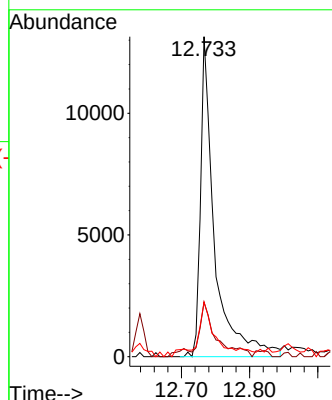
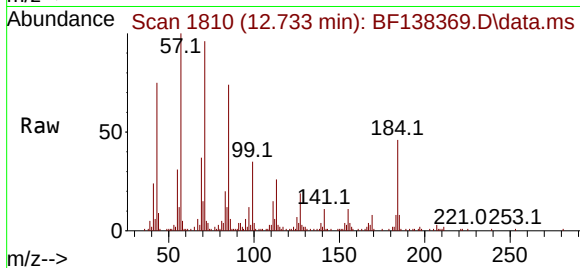
Tgt Ion:184 Resp: 18806

Ion Ratio Lower Upper

184 100

185 17.0 12.6 19.0

183 17.1 9.0 13.6#



#79

Terphenyl-d14

Concen: 4.860 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.018 min

Lab File: BF138369.D

Acq: 27 Jun 2024 16:37

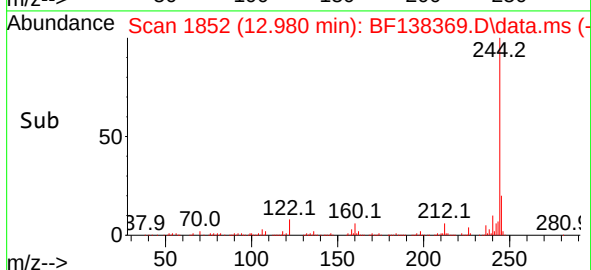
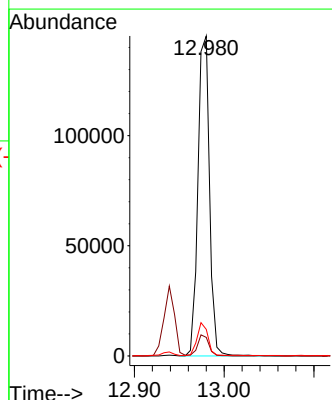
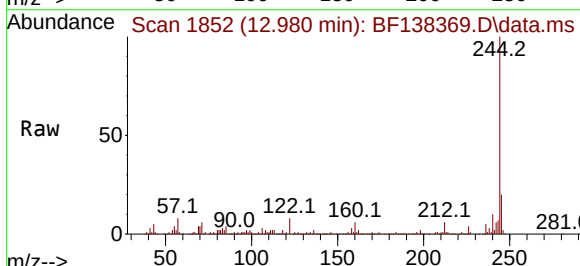
Tgt Ion:244 Resp: 130028

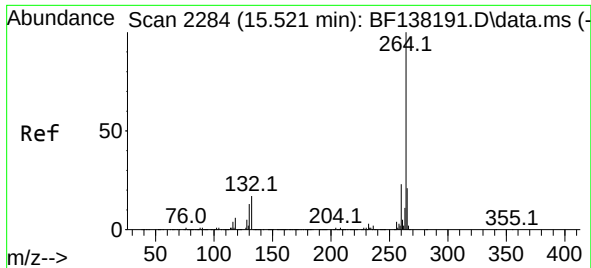
Ion Ratio Lower Upper

244 100

212 5.8 5.9 8.9#

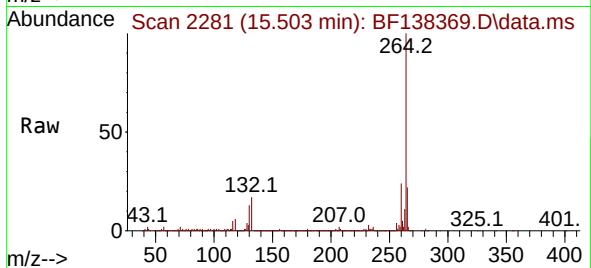
122 8.3 10.6 15.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.503 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF138369.D
Acq: 27 Jun 2024 16:37

Instrument :
BNA_F
ClientSampleId :
SHOP-RAG-DRUM



Tgt Ion:264 Resp: 421320
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 22.1 17.0 25.6

