

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)

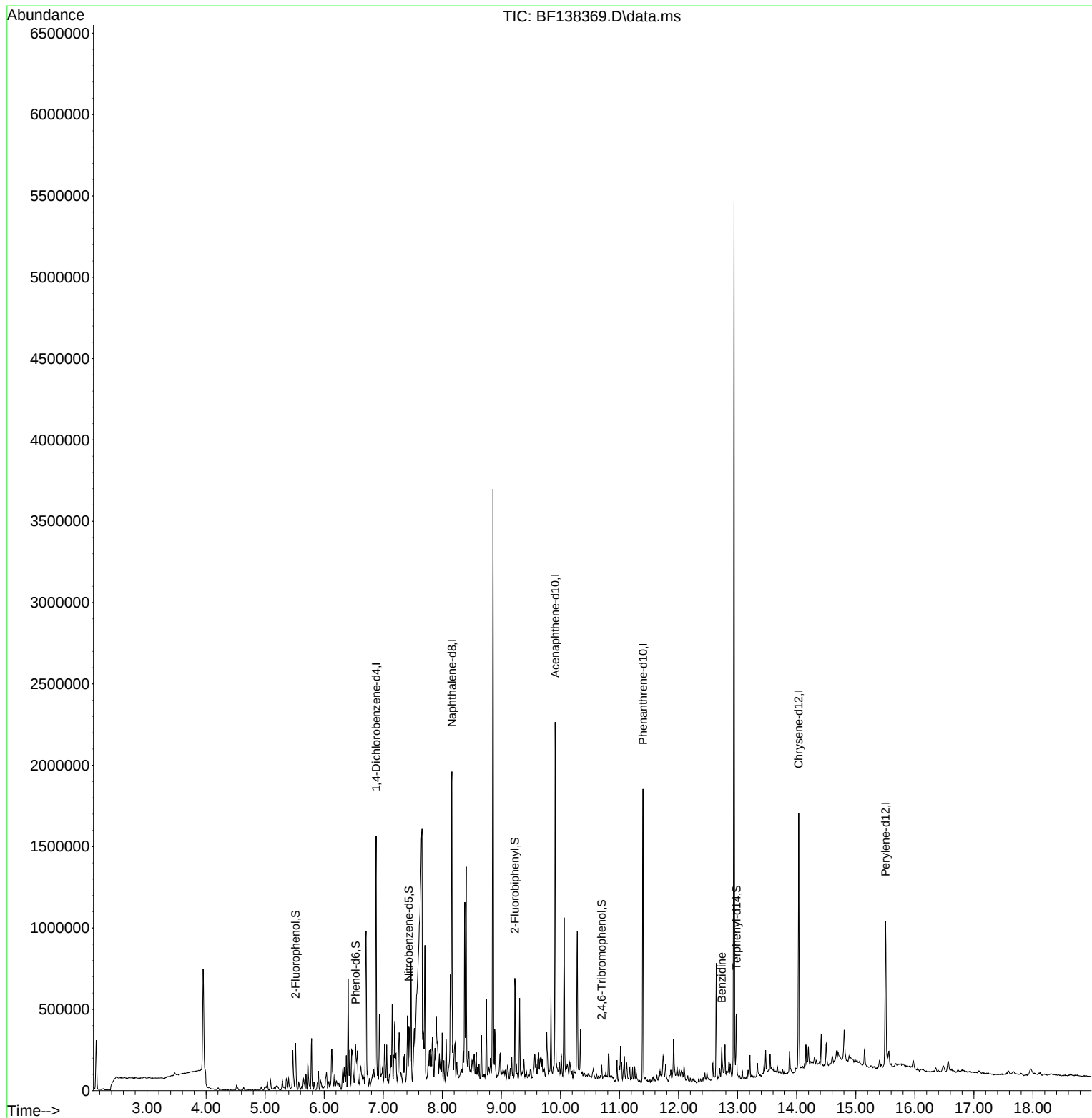
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.880	152	216979	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	830823	20.000	ng	#-0.01
39) Acenaphthene-d10	9.910	164	442824	20.000	ng	-0.02
64) Phenanthrene-d10	11.398	188	621124	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	423771	20.000	ng	-0.02
86) 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						
77) Benzidine	12.733	184	18806	3.837	ng	Qvalue # 92

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

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

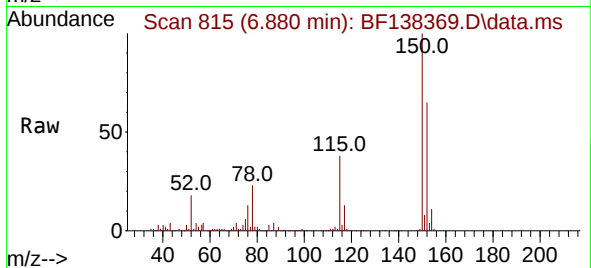
Quant Time: Jun 27 17:20:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration



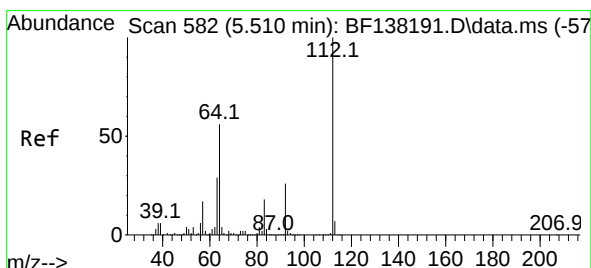
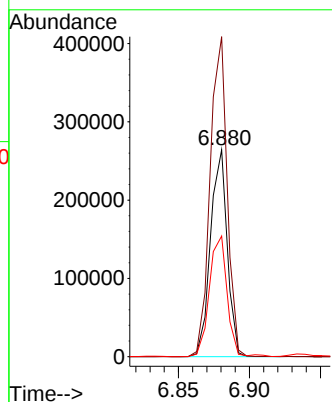
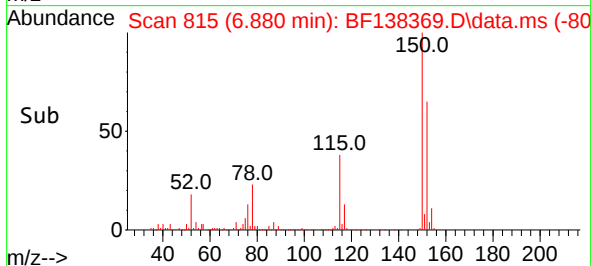


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.880 min Scan# 817
Delta R.T. -0.013 min
Lab File: BF138369.D
Acq: 27 Jun 2024 16:37

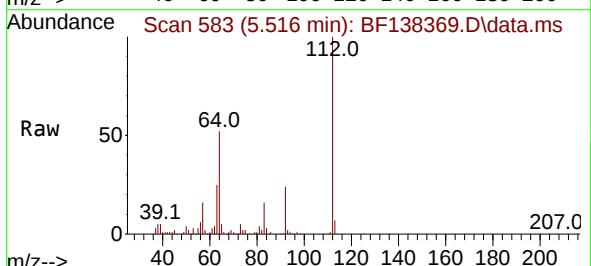
Instrument :
BNA_F
ClientSampleId :
SHOP-RAG-DRUM



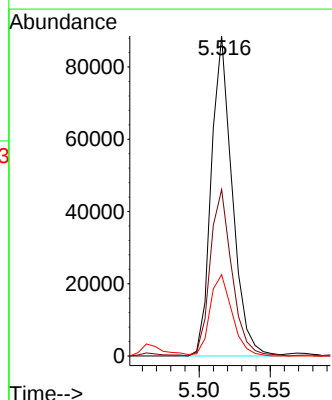
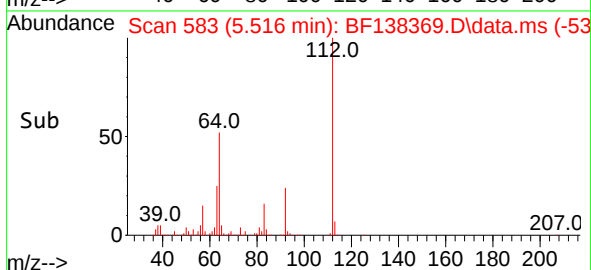
Tgt Ion:152 Resp: 216979
Ion Ratio Lower Upper
152 100
150 154.6 125.0 187.4
115 58.3 48.4 72.6



#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

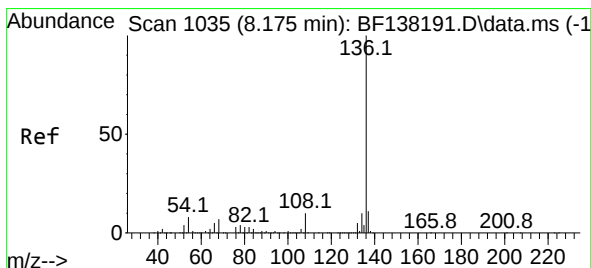
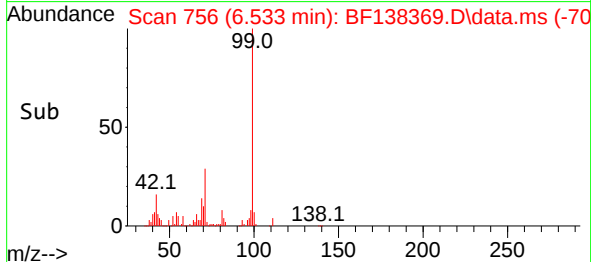
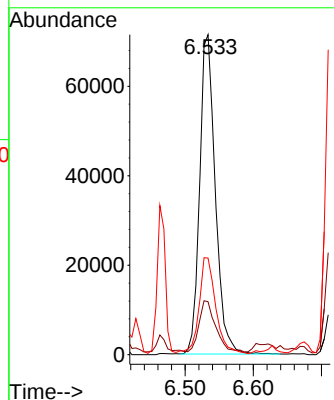
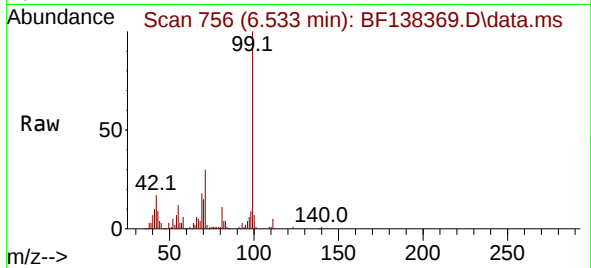




#7
Phenol-d6
Concen: 6.902 ng
RT: 6.533 min Scan# 71
Delta R.T. 0.011 min
Lab File: BF138369.D
Acq: 27 Jun 2024 16:37

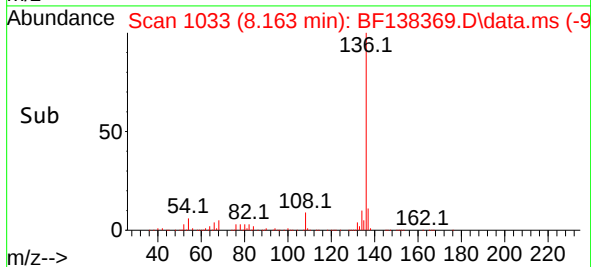
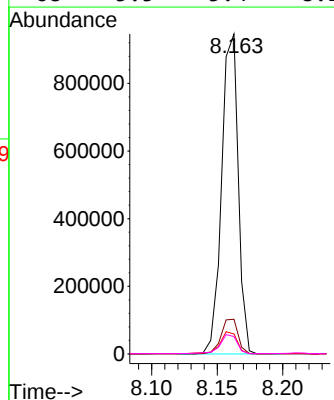
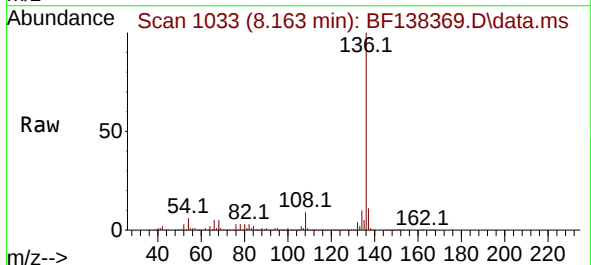
Instrument :
BNA_F
ClientSampleId :
SHOP-RAG-DRUM

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



#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

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





#23

Nitrobenzene-d5

Concen: 5.639 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.024 min

Lab File: BF138369.D

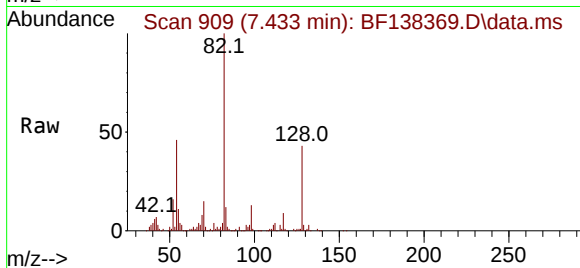
Acq: 27 Jun 2024 16:37

Instrument :

BNA_F

ClientSampleId :

SHOP-RAG-DRUM



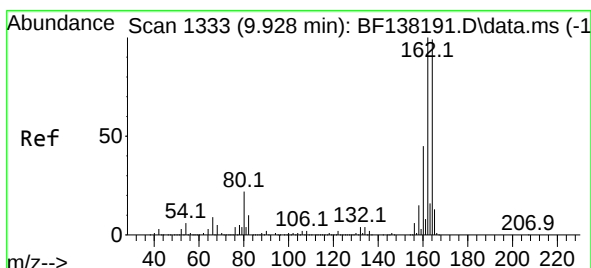
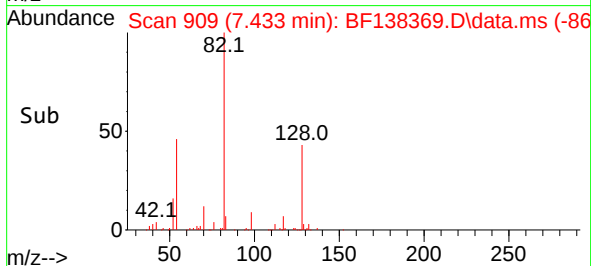
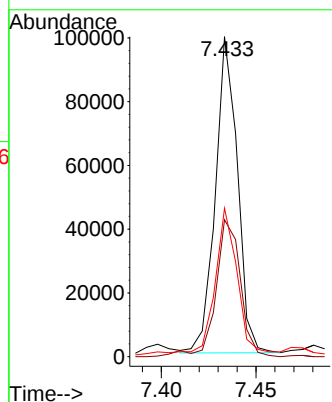
Tgt Ion: 82 Resp: 80481

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

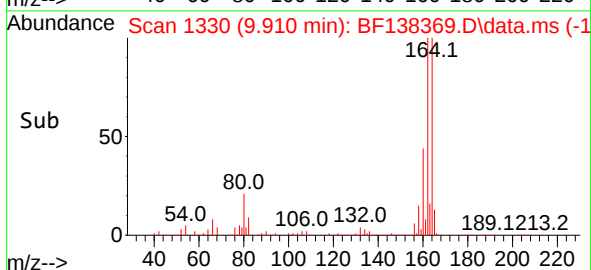
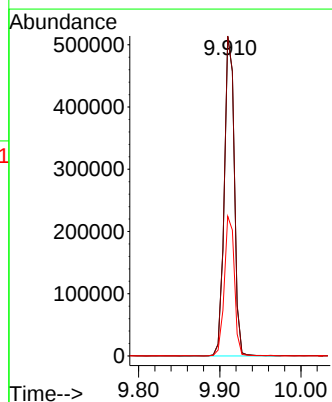
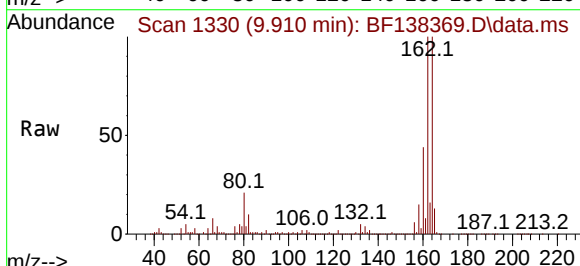
Tgt Ion: 164 Resp: 442824

Ion Ratio Lower Upper

164 100

162 100.2 80.6 121.0

160 43.7 36.3 54.5

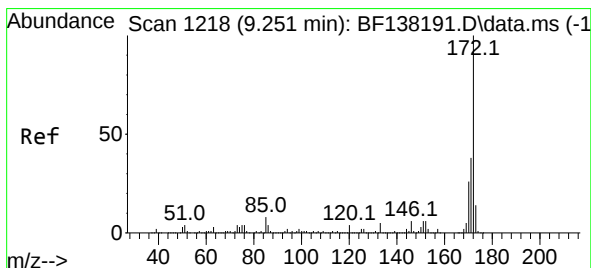
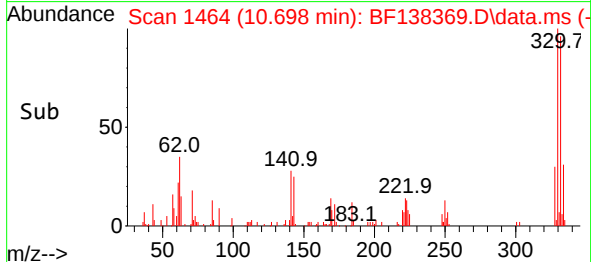
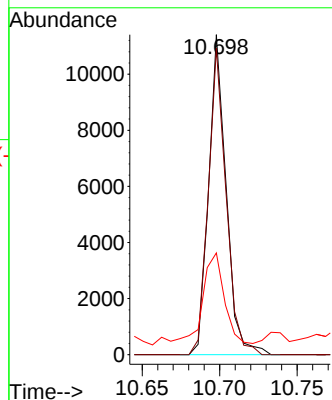
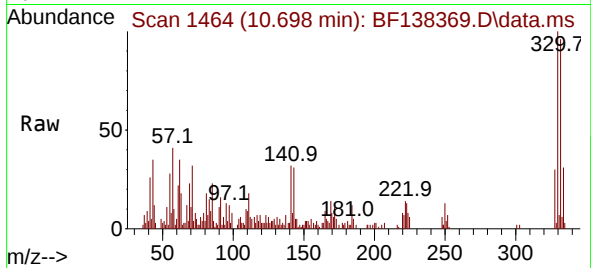




#42
2,4,6-Tribromophenol
Concen: 2.038 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.018 min
Lab File: BF138369.D
Acq: 27 Jun 2024 16:37

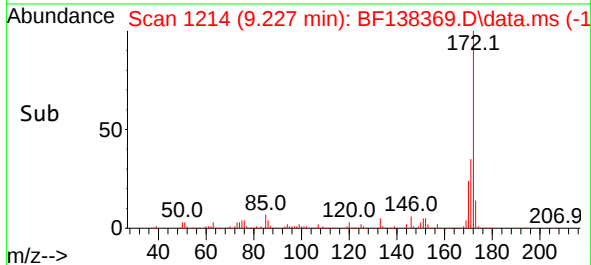
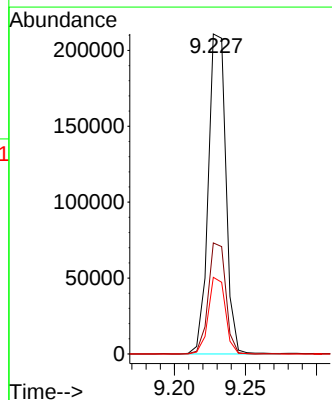
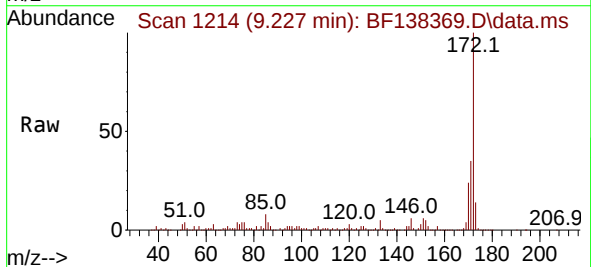
Instrument :
BNA_F
ClientSampleId :
SHOP-RAG-DRUM

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF138369.D

Acq: 27 Jun 2024 16:37

Instrument :

BNA_F

ClientSampleId :

SHOP-RAG-DRUM

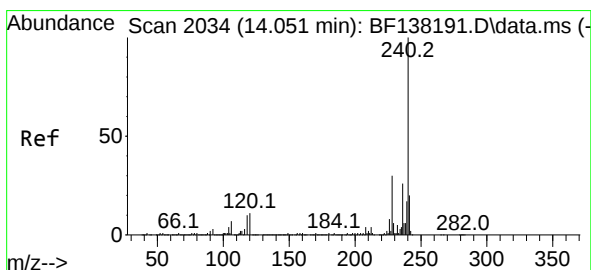
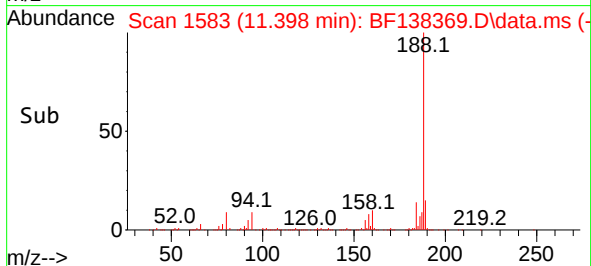
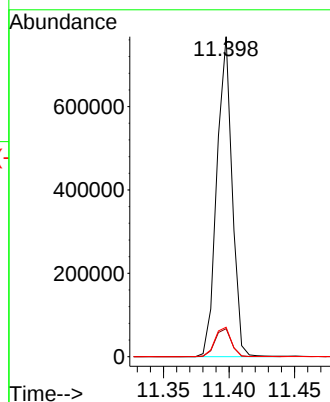
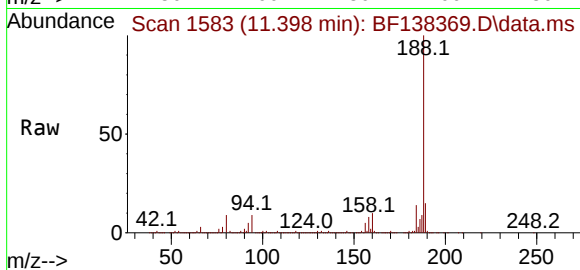
Tgt Ion:188 Resp: 621124

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 9.2 8.1 12.1



#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

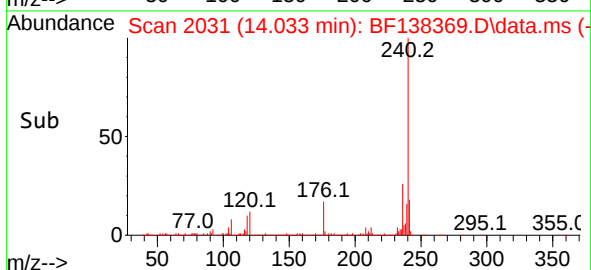
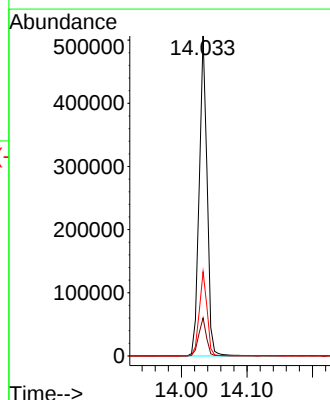
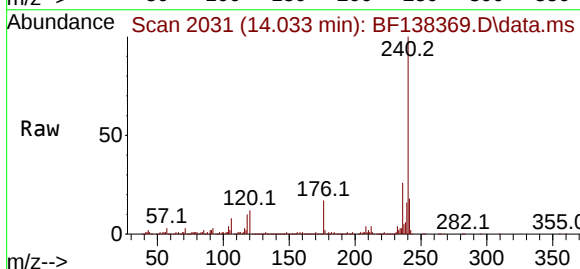
Tgt Ion:240 Resp: 423771

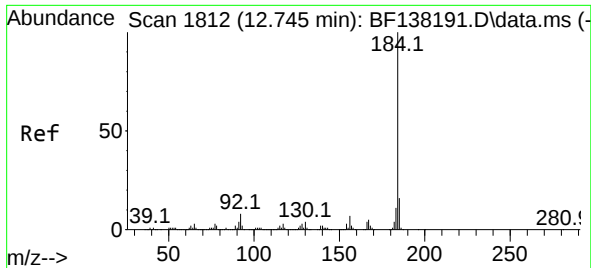
Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

236 26.4 21.0 31.6

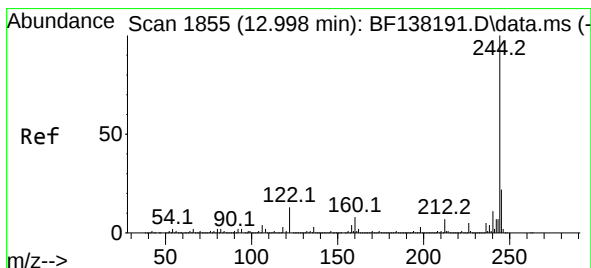
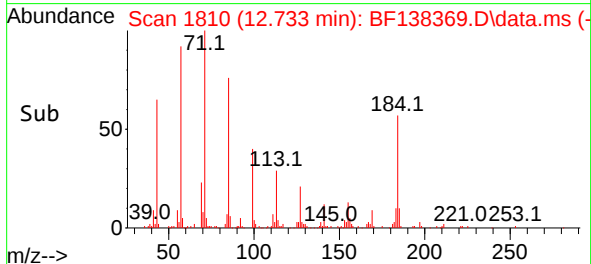
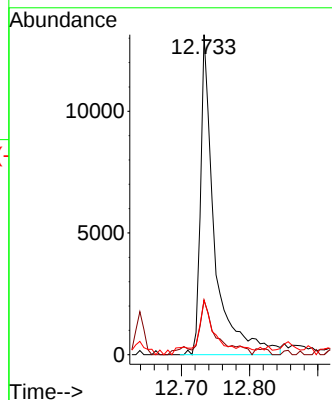
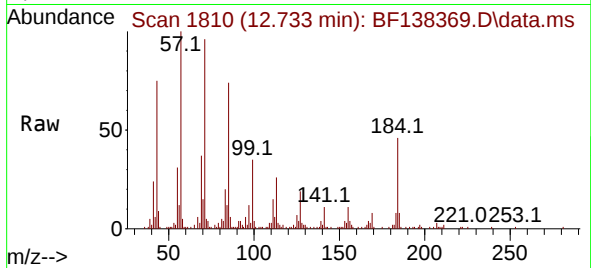




#77
Benzidine
Concen: 3.837 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF138369.D
Acq: 27 Jun 2024 16:37

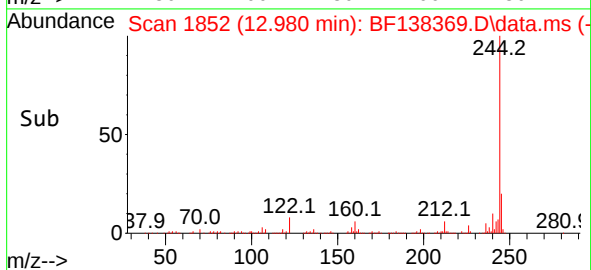
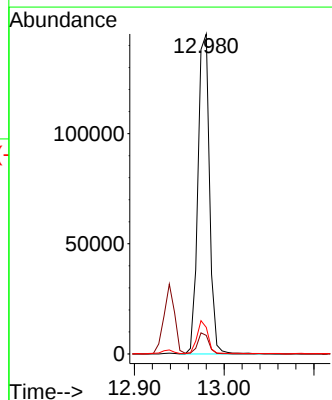
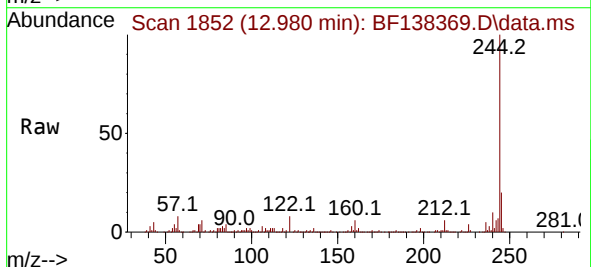
Instrument :
BNA_F
ClientSampleId :
SHOP-RAG-DRUM

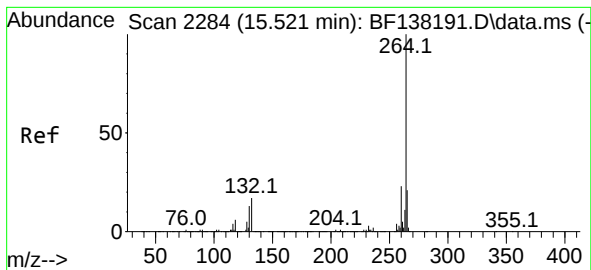
Tgt Ion:184 Resp: 18806
Ion Ratio Lower Upper
184 100
185 17.0 12.6 19.0
183 17.1 9.0 13.6#



#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

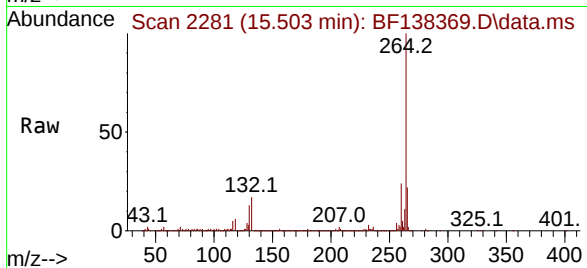
Acq: 27 Jun 2024 16:37

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

