

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138115.D
 Acq On : 03 Jun 2024 19:25
 Operator : CG\JU
 Sample : P2560-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BKG-3

Quant Time: Jun 04 04:51:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 01 01:21:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	130512	20.000	ng	0.00
21) Naphthalene-d8	8.316	136	501842	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	272441	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	407493	20.000	ng	0.00
76) Chrysene-d12	14.227	240	242217	20.000	ng	#-0.01
86) Perylene-d12	15.792	264	287291	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	558076	76.440	ng	0.00
7) Phenol-d6	6.651	99	681280	72.465	ng	-0.01
23) Nitrobenzene-d5	7.592	82	411789	47.814	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	185442	58.354	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	895566	48.726	ng	0.00
79) Terphenyl-d14	13.163	244	683660	40.827	ng	0.00

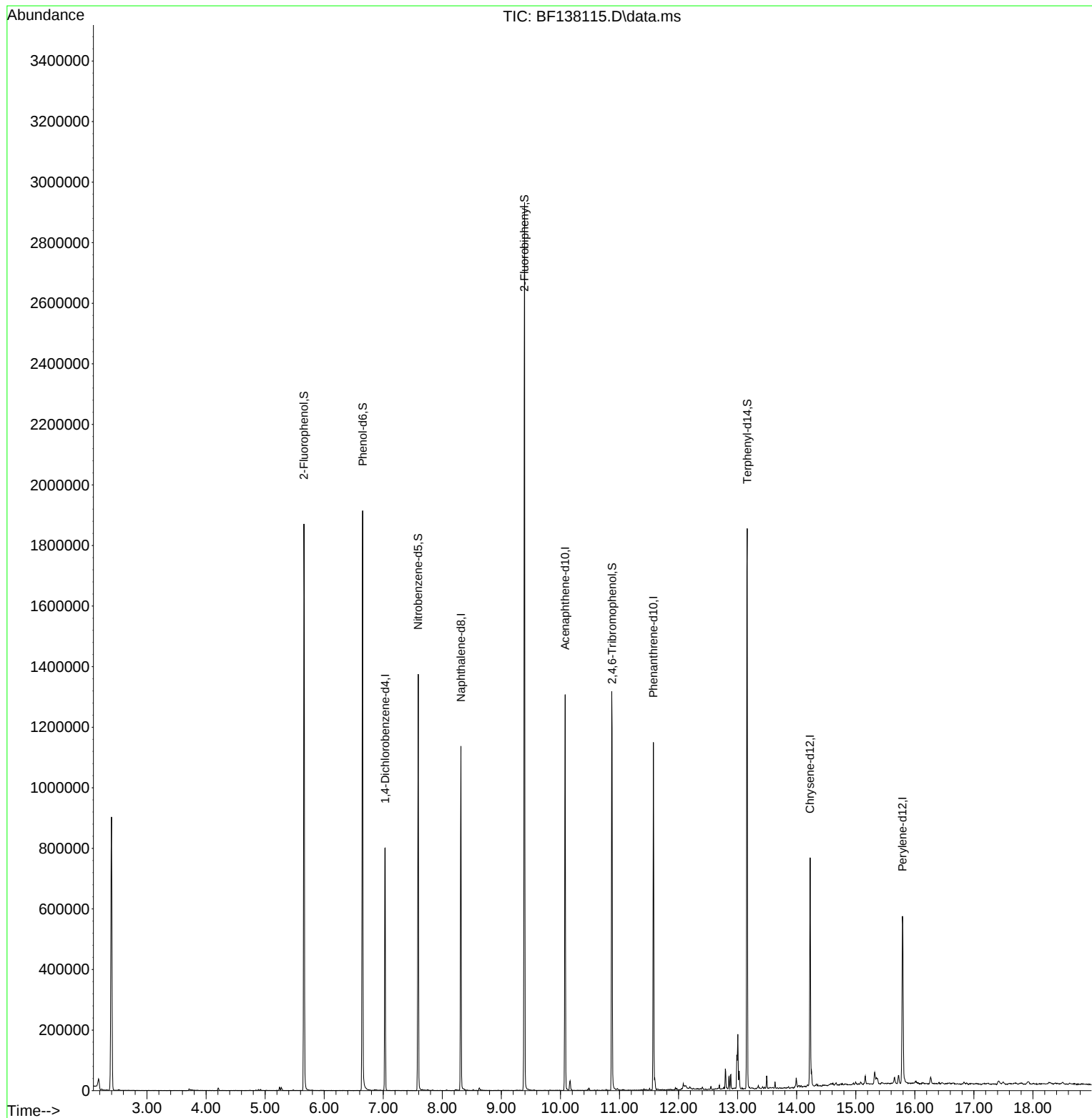
Target Compounds	Qvalue

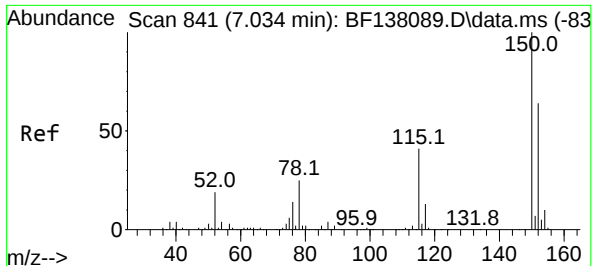
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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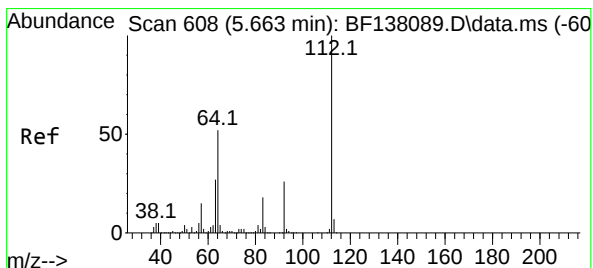
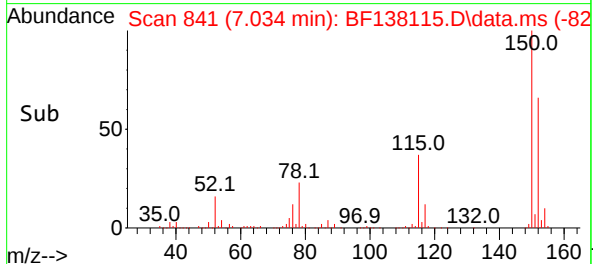
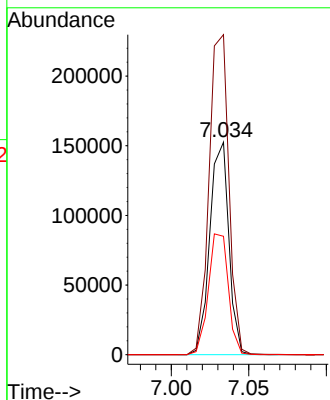
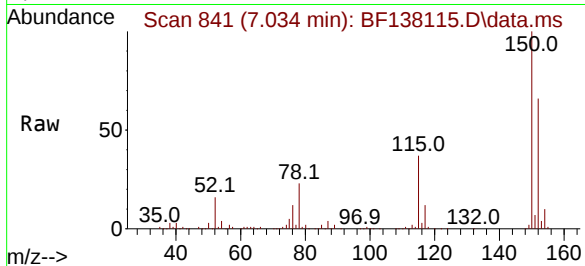




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138115.D
Acq: 03 Jun 2024 19:25

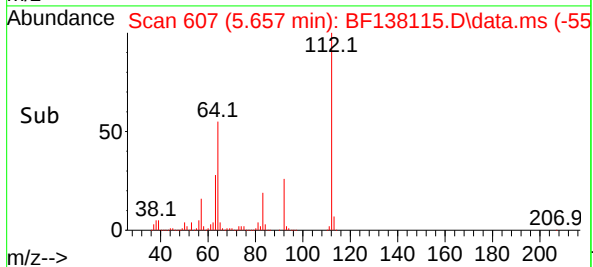
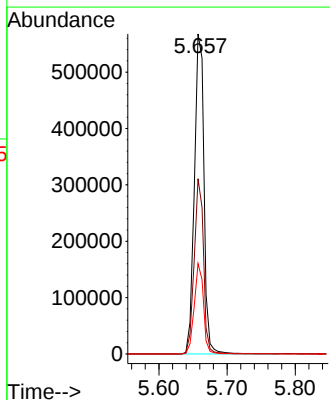
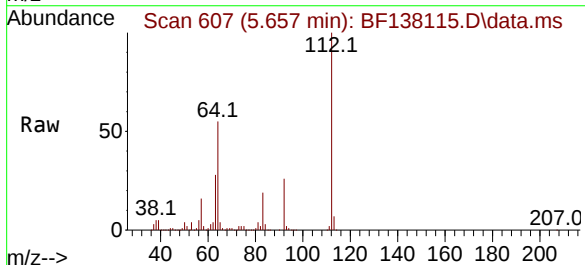
Instrument :
BNA_F
ClientSampleId :
BKG-3

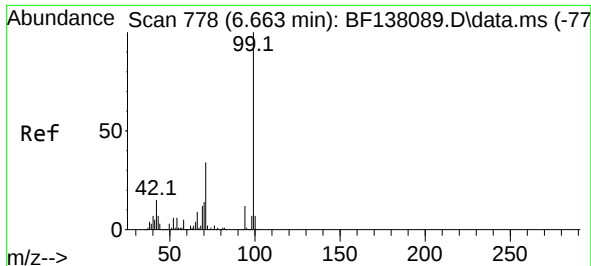
Tgt Ion:152 Resp: 130512
Ion Ratio Lower Upper
152 100
150 150.6 125.4 188.0
115 55.7 51.6 77.4



#5
2-Fluorophenol
Concen: 76.440 ng
RT: 5.657 min Scan# 607
Delta R.T. -0.006 min
Lab File: BF138115.D
Acq: 03 Jun 2024 19:25

Tgt Ion:112 Resp: 558076
Ion Ratio Lower Upper
112 100
64 54.7 41.4 62.2
63 28.3 21.5 32.3





#7
Phenol-d6
Concen: 72.465 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138115.D
Acq: 03 Jun 2024 19:25

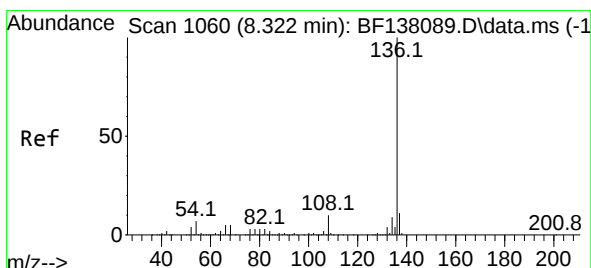
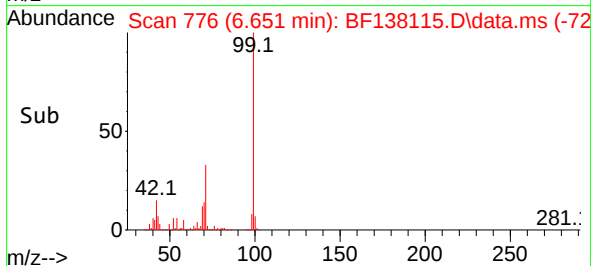
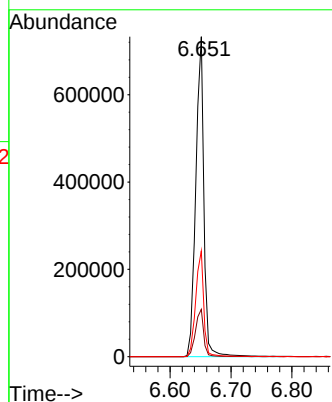
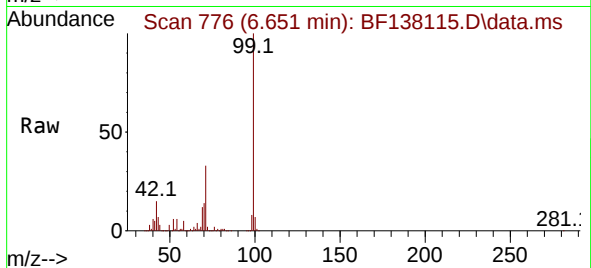
Instrument :

BNA_F

ClientSampleId :

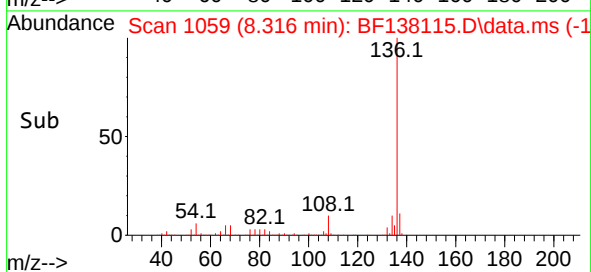
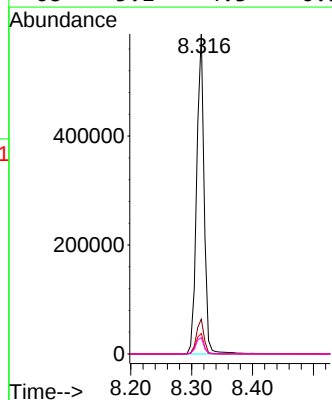
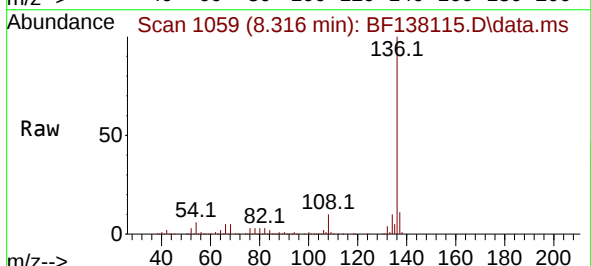
BKG-3

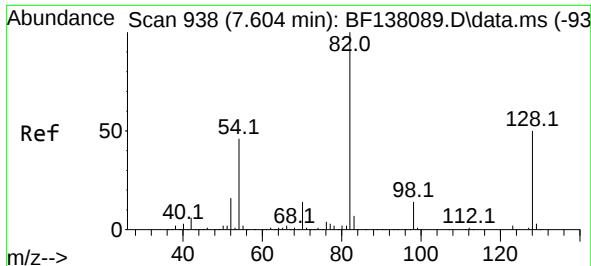
Tgt Ion: 99 Resp: 681280
Ion Ratio Lower Upper
99 100
42 14.8 11.9 17.9
71 33.1 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BF138115.D
Acq: 03 Jun 2024 19:25

Tgt Ion: 136 Resp: 501842
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.4 5.4 8.0
68 5.1 4.3 6.5





#23

Nitrobenzene-d5

Concen: 47.814 ng

RT: 7.592 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138115.D

Acq: 03 Jun 2024 19:25

Instrument :

BNA_F

ClientSampleId :

BKG-3

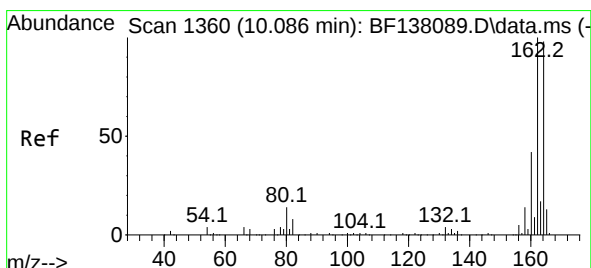
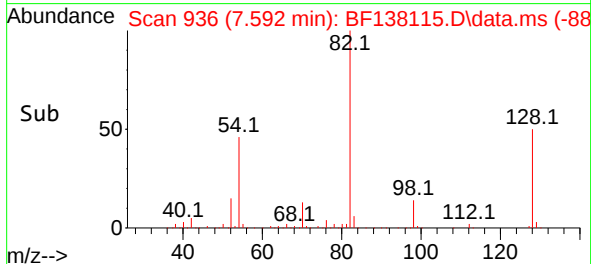
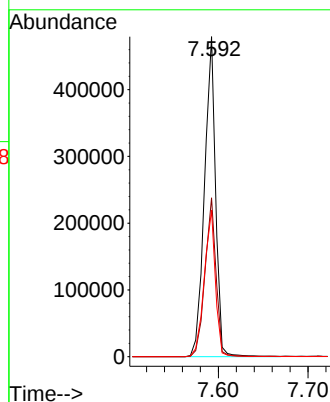
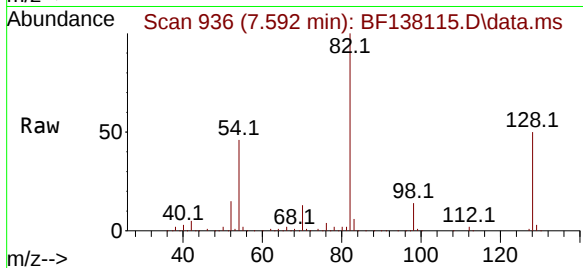
Tgt Ion: 82 Resp: 411789

Ion Ratio Lower Upper

82 100

128 49.7 39.9 59.9

54 45.8 37.0 55.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.081 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF138115.D

Acq: 03 Jun 2024 19:25

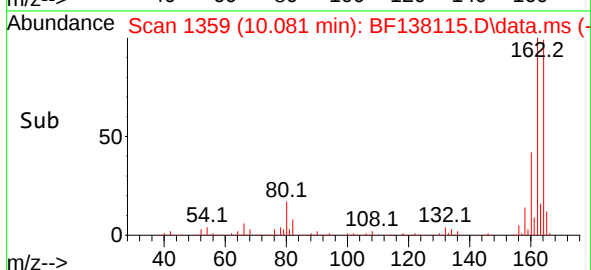
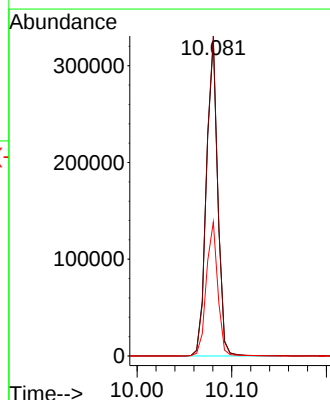
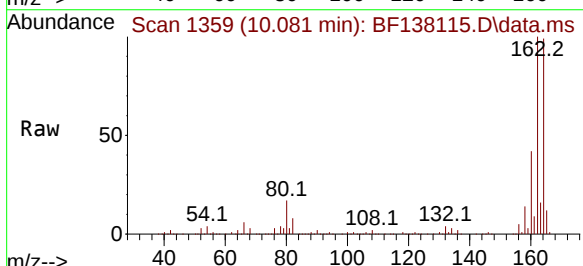
Tgt Ion: 164 Resp: 272441

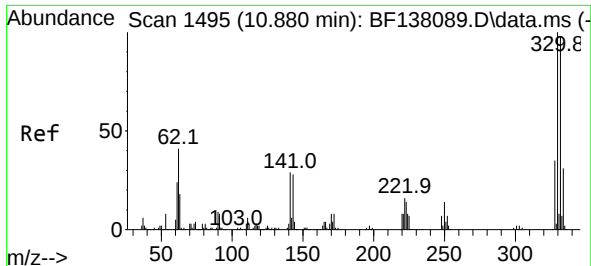
Ion Ratio Lower Upper

164 100

162 101.4 81.7 122.5

160 42.4 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 58.354 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138115.D

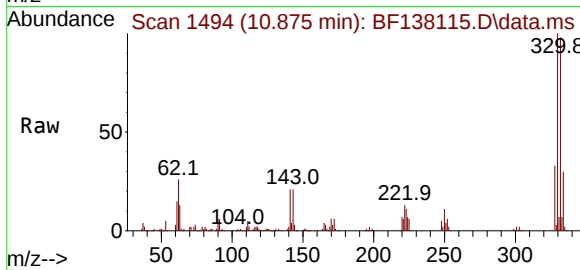
Acq: 03 Jun 2024 19:25

Instrument :

BNA_F

ClientSampleId :

BKG-3



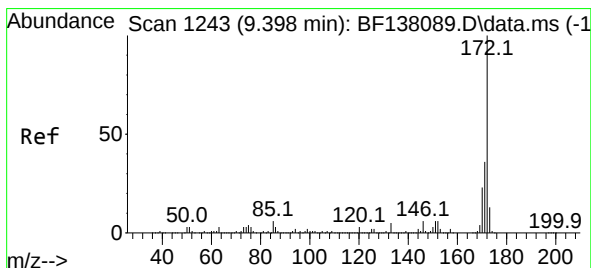
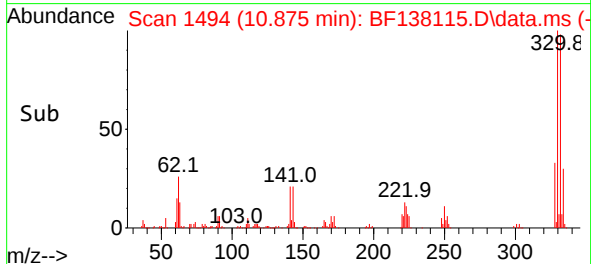
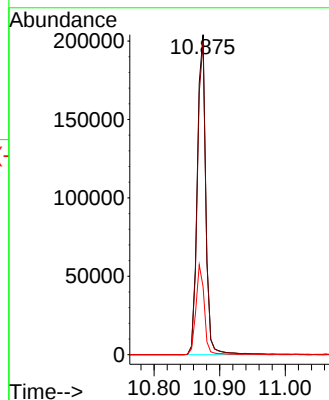
Tgt Ion:330 Resp: 185442

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 27.5 21.4 32.0



#45

2-Fluorobiphenyl

Concen: 48.726 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138115.D

Acq: 03 Jun 2024 19:25

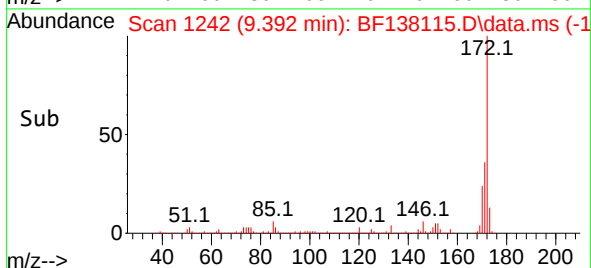
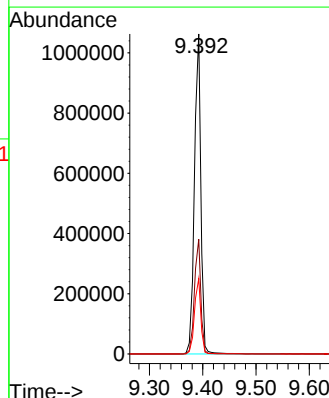
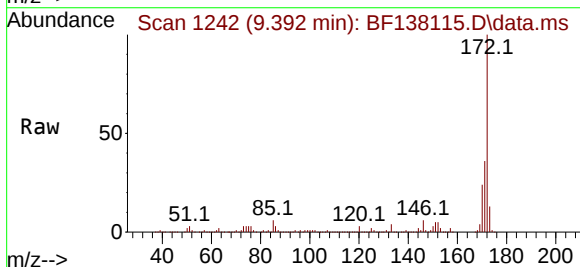
Tgt Ion:172 Resp: 895566

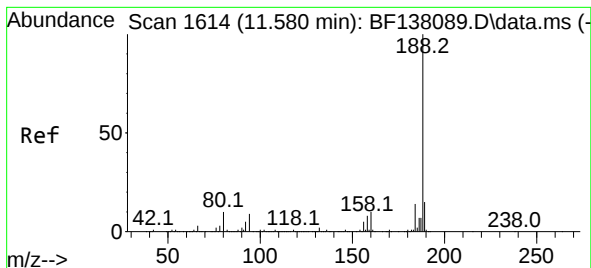
Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.4

170 23.6 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138115.D

Acq: 03 Jun 2024 19:25

Instrument :

BNA_F

ClientSampleId :

BKG-3

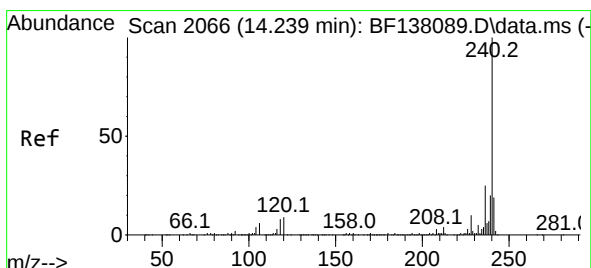
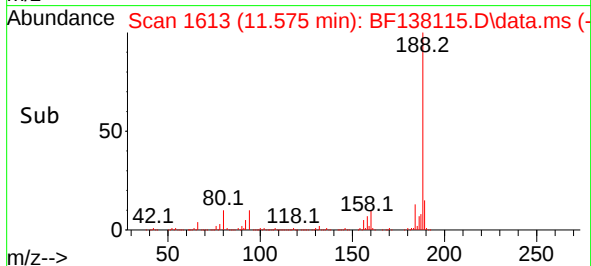
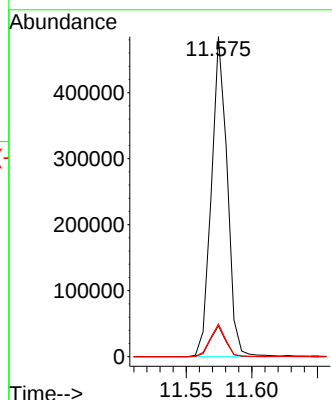
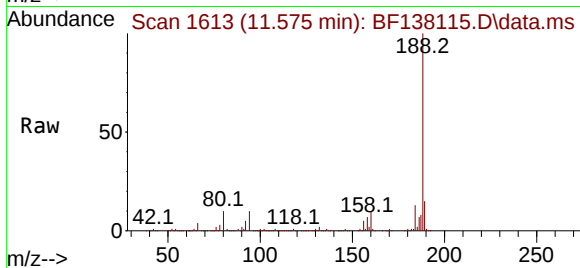
Tgt Ion:188 Resp: 407493

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.0

80 10.2 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.227 min Scan# 2064

Delta R.T. -0.012 min

Lab File: BF138115.D

Acq: 03 Jun 2024 19:25

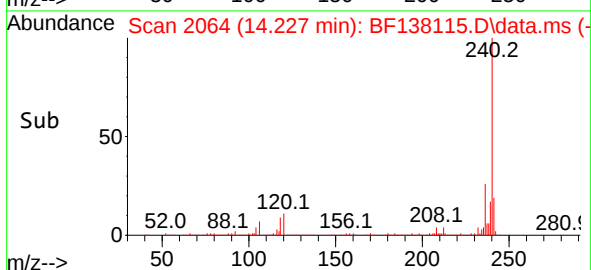
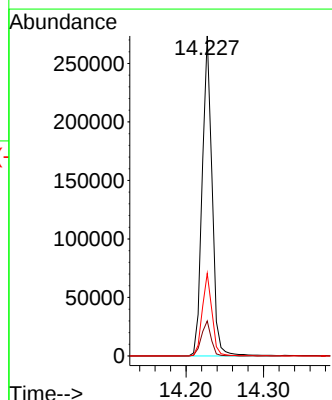
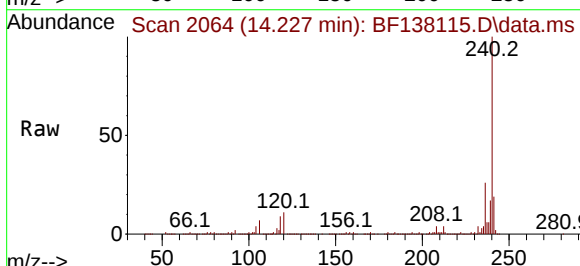
Tgt Ion:240 Resp: 242217

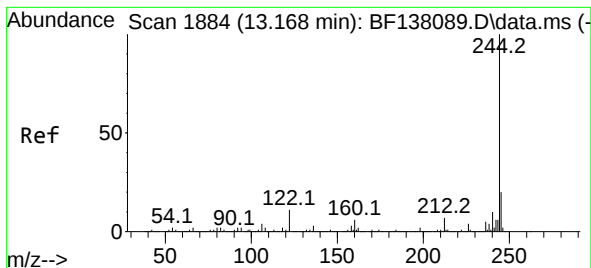
Ion Ratio Lower Upper

240 100

120 11.0 7.1 10.7#

236 25.8 20.4 30.6





#79

Terphenyl-d14

Concen: 40.827 ng

RT: 13.163 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138115.D

Acq: 03 Jun 2024 19:25

Instrument :

BNA_F

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BKG-3

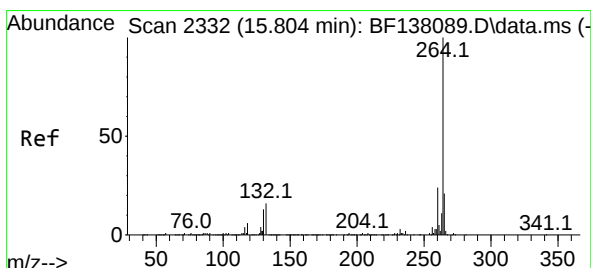
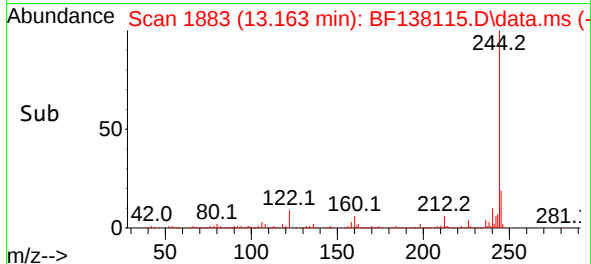
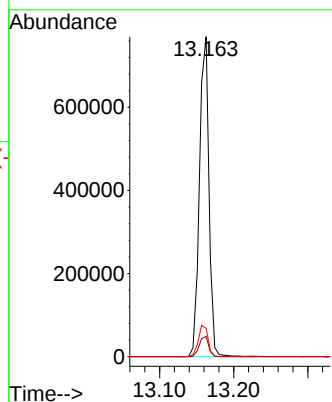
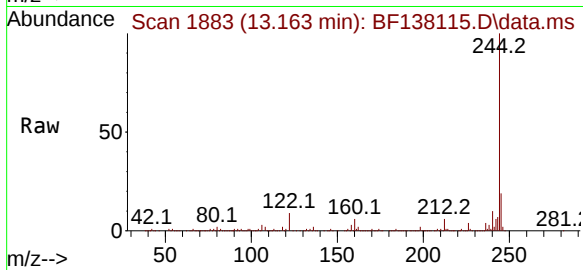
Tgt Ion:244 Resp: 683660

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

122 8.9 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.792 min Scan# 2330

Delta R.T. -0.012 min

Lab File: BF138115.D

Acq: 03 Jun 2024 19:25

Tgt Ion:264 Resp: 287291

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.5 16.7 25.1

