

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138960.D
 Acq On : 13 Aug 2024 04:26
 Operator : RC/JU
 Sample : P3478-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS06

Quant Time: Aug 13 05:04:10 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)

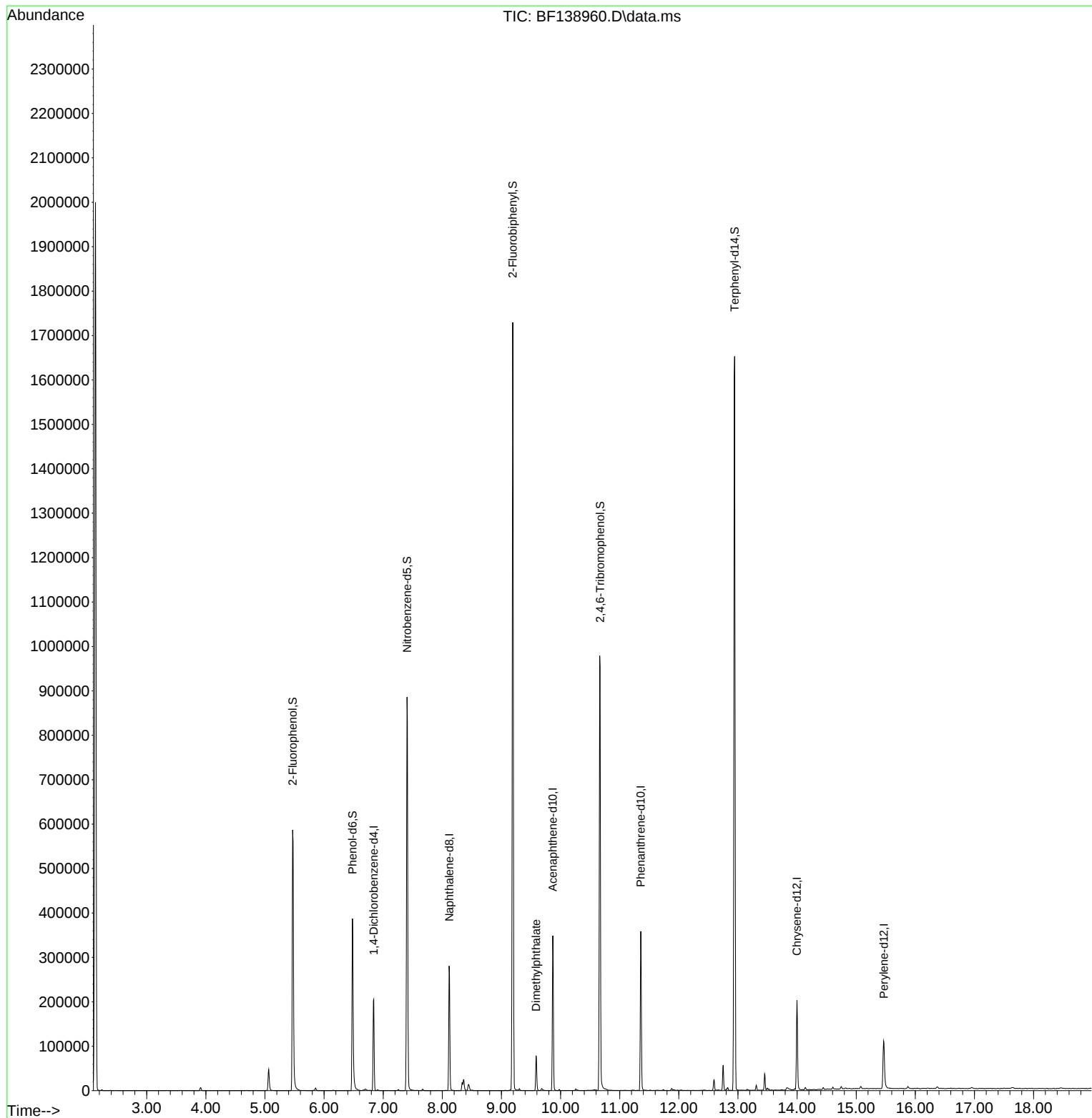
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	39920	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	169243	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	98510	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	180565	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	96153	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	74528	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	206733	79.941	ng	0.00
7) Phenol-d6	6.481	99	171761	49.469	ng	0.00
23) Nitrobenzene-d5	7.404	82	397543	114.843	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	150158	186.086	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	730091	111.355	ng	-0.01
79) Terphenyl-d14	12.945	244	814907	141.896	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.586	163	44262	7.027	ng	Qvalue 97

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

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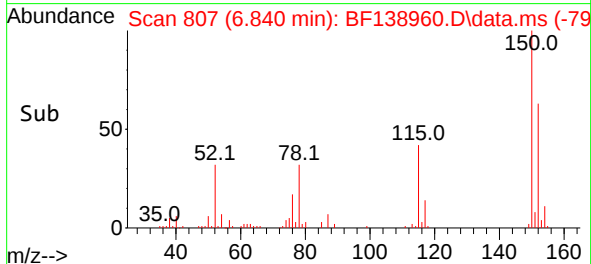
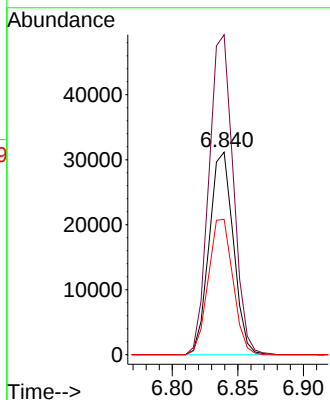
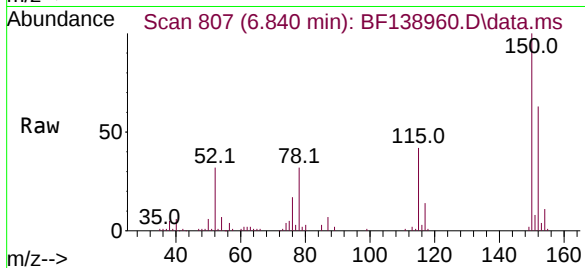




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138960.D
Acq: 13 Aug 2024 04:26

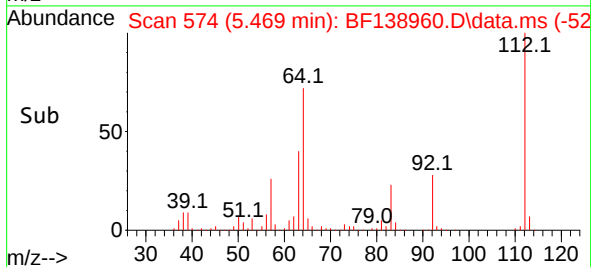
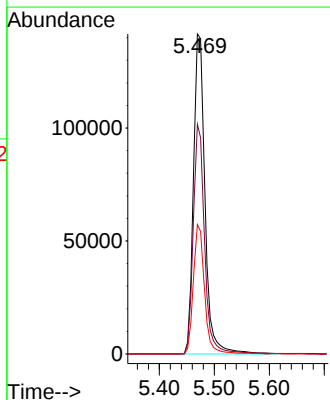
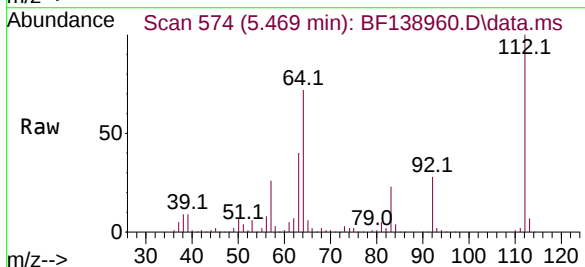
Instrument :
BNA_F
ClientSampleId :
TS06

Tgt Ion:152 Resp: 39920
Ion Ratio Lower Upper
152 100
150 158.0 126.0 189.0
115 66.8 51.7 77.5



#5
2-Fluorophenol
Concen: 79.941 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138960.D
Acq: 13 Aug 2024 04:26

Tgt Ion:112 Resp: 206733
Ion Ratio Lower Upper
112 100
64 71.8 54.2 81.4
63 40.4 28.7 43.1





#7

Phenol-d6

Concen: 49.469 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF138960.D

Acq: 13 Aug 2024 04:26

Instrument :

BNA_F

ClientSampleId :

TS06

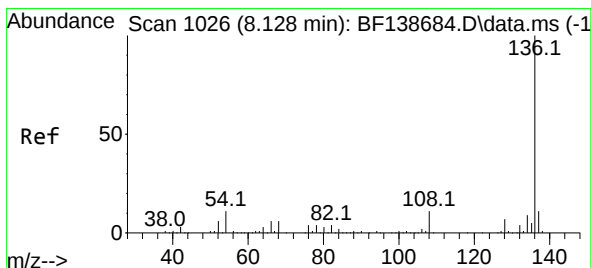
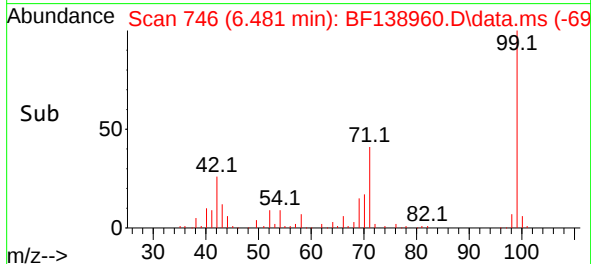
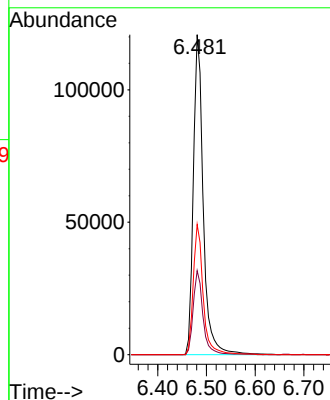
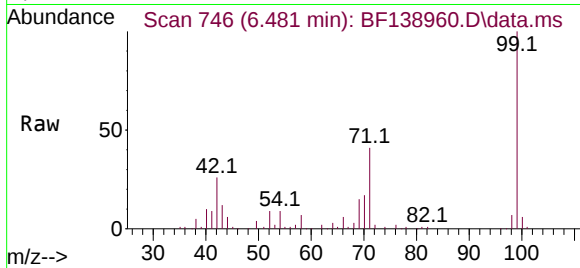
Tgt Ion: 99 Resp: 171761

Ion Ratio Lower Upper

99 100

42 26.2 17.4 26.0#

71 40.7 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: BF138960.D

Acq: 13 Aug 2024 04:26

Tgt Ion: 136 Resp: 169243

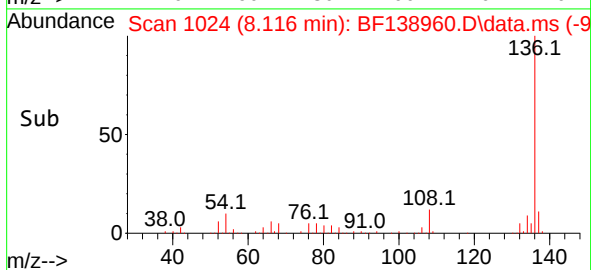
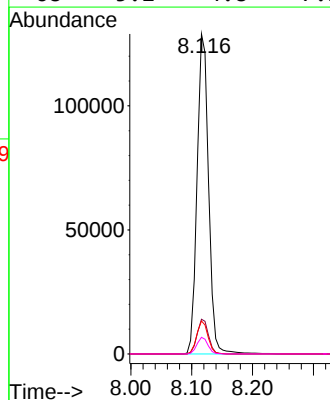
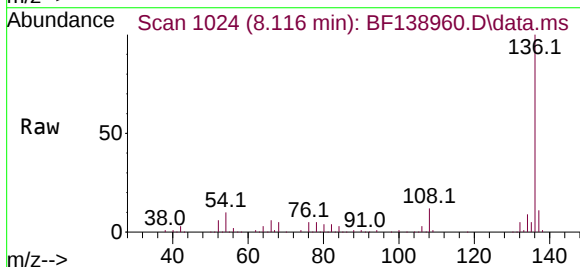
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 10.3 8.6 12.8

68 5.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 114.843 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138960.D

Acq: 13 Aug 2024 04:26

Instrument :

BNA_F

ClientSampleId :

TS06

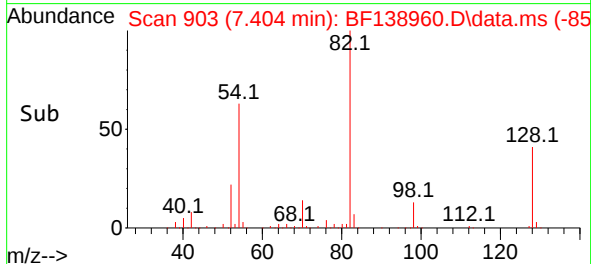
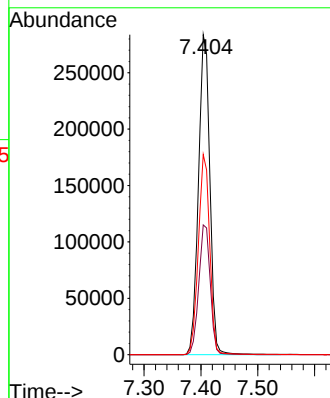
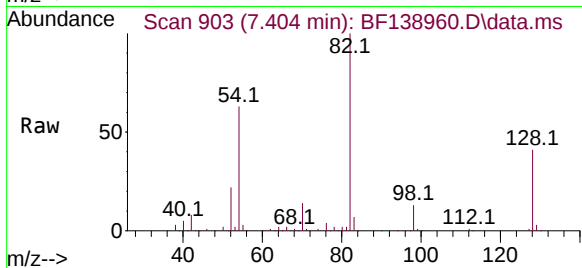
Tgt Ion: 82 Resp: 397543

Ion Ratio Lower Upper

82 100

128 40.6 32.8 49.2

54 62.5 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: BF138960.D

Acq: 13 Aug 2024 04:26

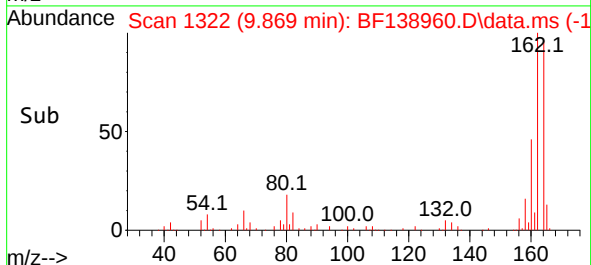
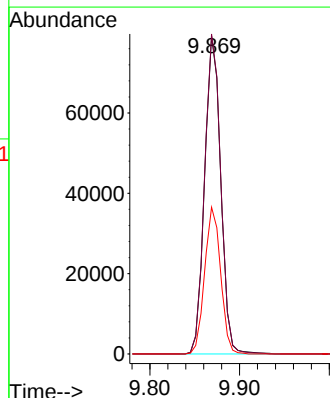
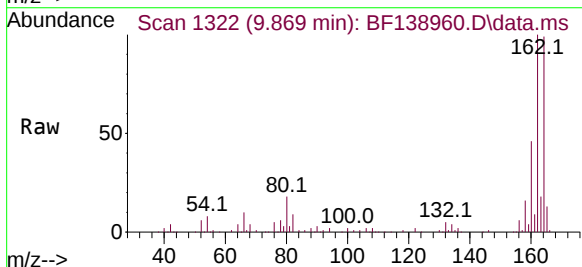
Tgt Ion:164 Resp: 98510

Ion Ratio Lower Upper

164 100

162 100.7 79.4 119.0

160 46.2 35.1 52.7

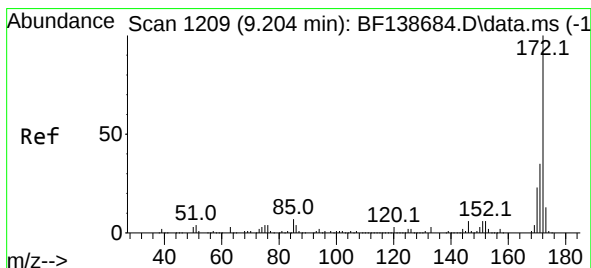
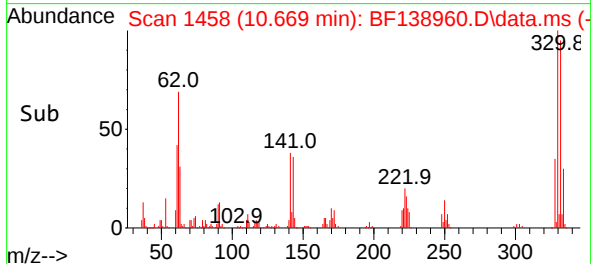
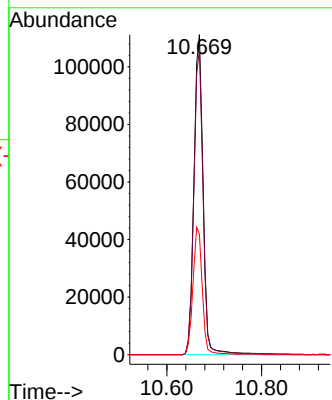
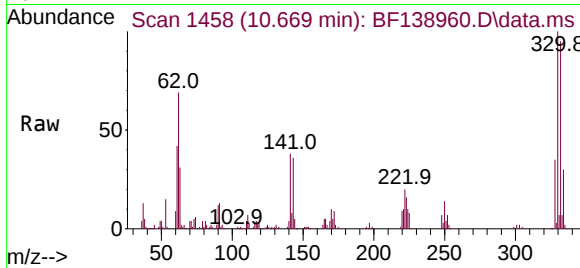




#42
 2,4,6-Tribromophenol
 Concen: 186.086 ng
 RT: 10.669 min Scan# 1458
 Delta R.T. 0.000 min
 Lab File: BF138960.D
 Acq: 13 Aug 2024 04:26

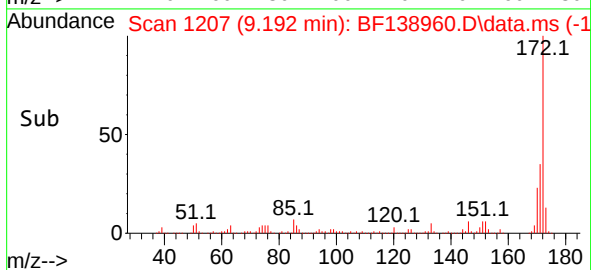
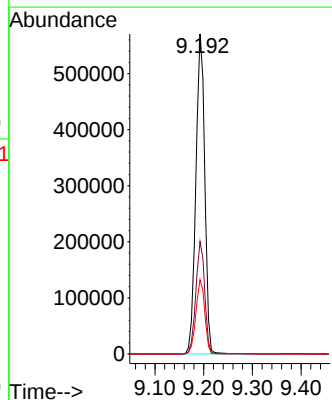
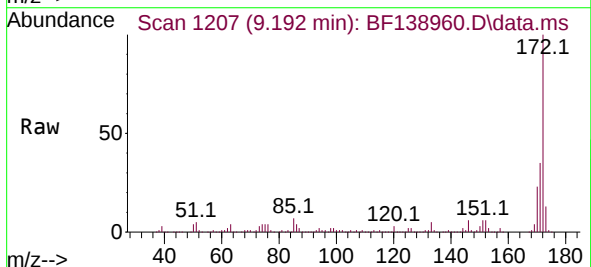
Instrument :
 BNA_F
 ClientSampleId :
 TS06

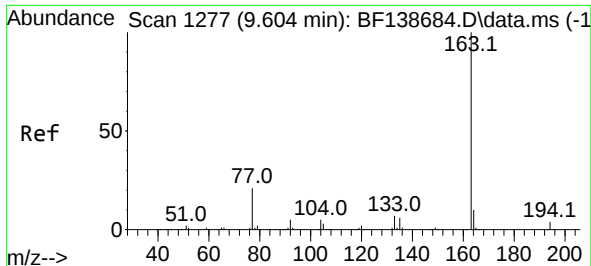
Tgt Ion:330 Resp: 150158
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.4 114.6
 141 40.4 31.1 46.7



#45
 2-Fluorobiphenyl
 Concen: 111.355 ng
 RT: 9.192 min Scan# 1207
 Delta R.T. -0.012 min
 Lab File: BF138960.D
 Acq: 13 Aug 2024 04:26

Tgt Ion:172 Resp: 730091
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.3 42.5
 170 23.2 18.8 28.2

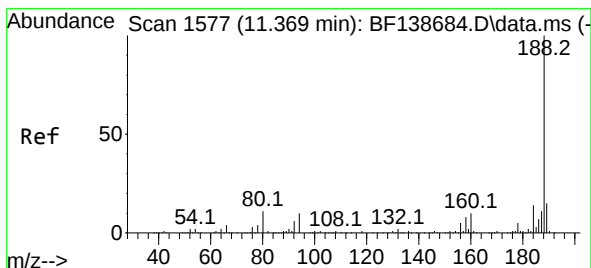
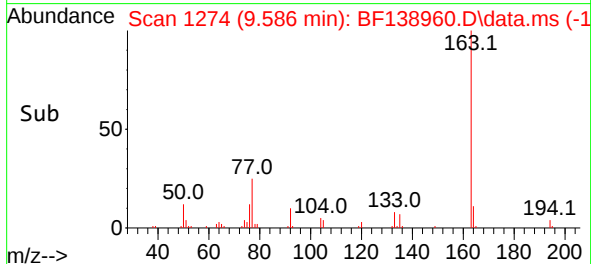
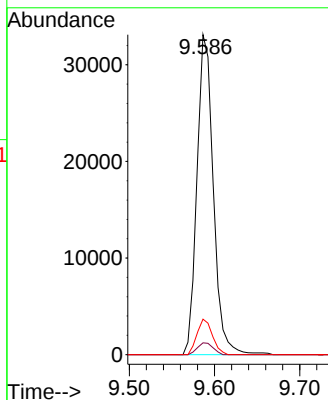
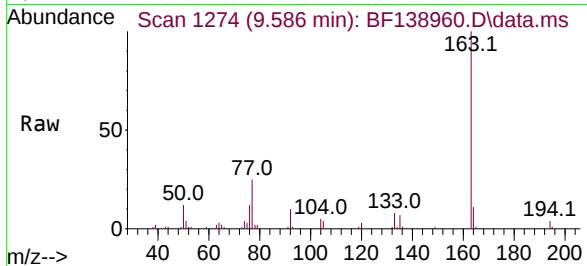




#50
Dimethylphthalate
Concen: 7.027 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138960.D
Acq: 13 Aug 2024 04:26

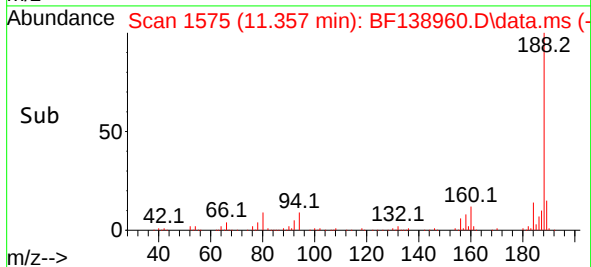
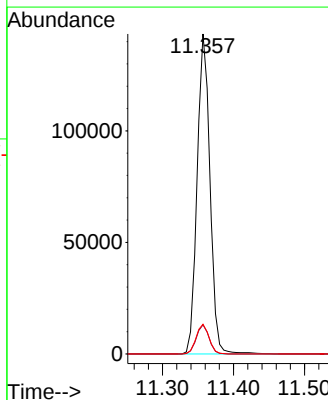
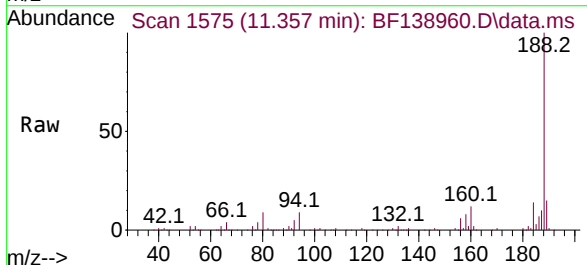
Instrument :
BNA_F
ClientSampleId :
TS06

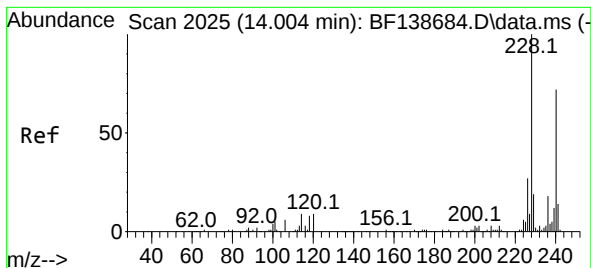
Tgt Ion:163 Resp: 44262
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 11.1 7.8 11.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138960.D
Acq: 13 Aug 2024 04:26

Tgt Ion:188 Resp: 180565
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.3 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: BF138960.D

Acq: 13 Aug 2024 04:26

Instrument :

BNA_F

ClientSampleId :

TS06

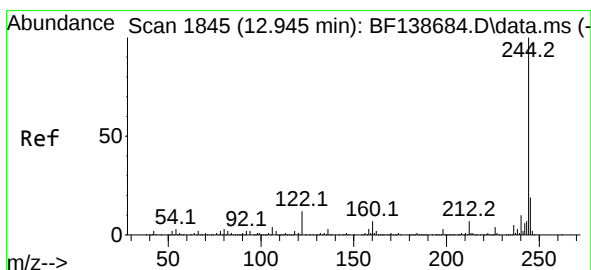
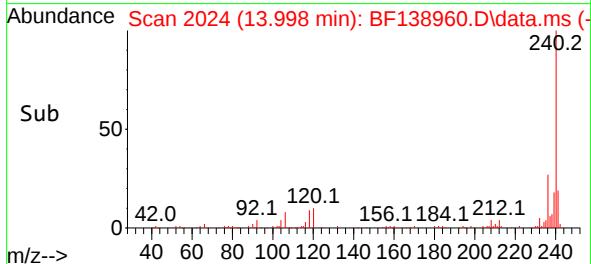
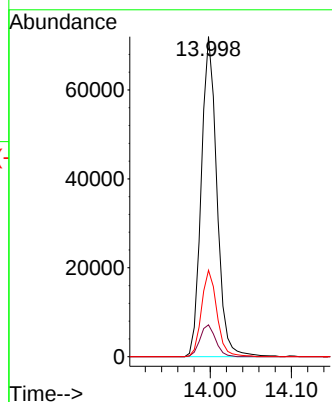
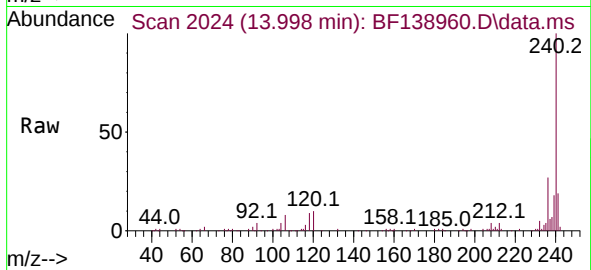
Tgt Ion:240 Resp: 96153

Ion Ratio Lower Upper

240 100

120 9.9 10.2 15.4#

236 27.0 19.8 29.8



#79

Terphenyl-d14

Concen: 141.896 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF138960.D

Acq: 13 Aug 2024 04:26

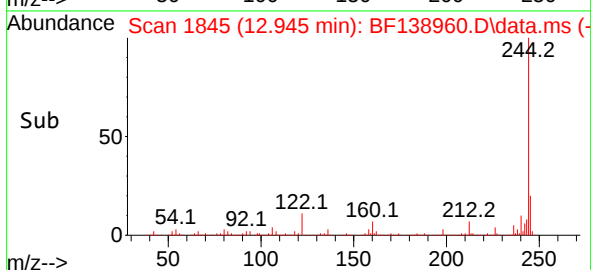
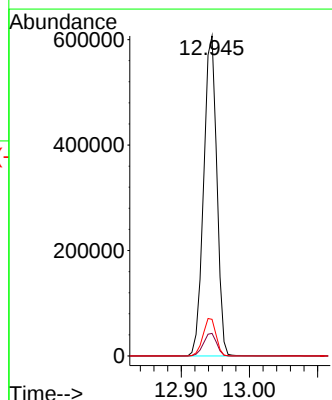
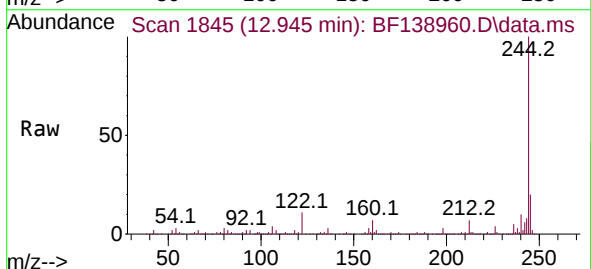
Tgt Ion:244 Resp: 814907

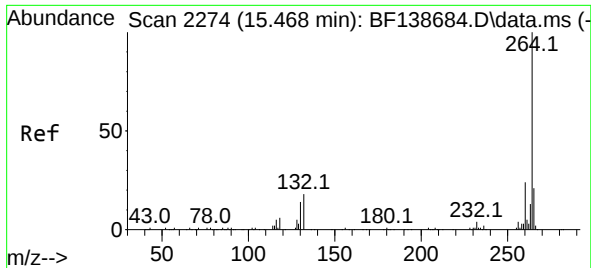
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

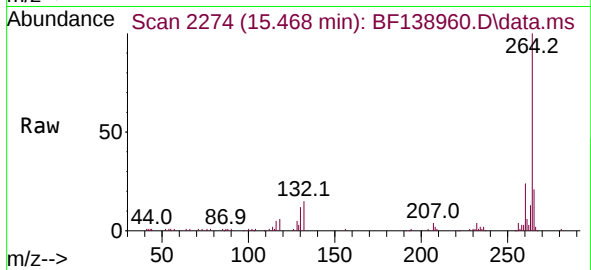
122 11.5 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138960.D
Acq: 13 Aug 2024 04:26

Instrument :
BNA_F
ClientSampleId :
TS06



Tgt Ion:264	Resp:	74528
Ion	Ratio	Lower Upper
264	100	
260	24.1	19.0 28.6
265	21.4	17.0 25.6

