

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138899.D
 Acq On : 09 Aug 2024 20:36
 Operator : RC/JU
 Sample : P3394-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-105-SB02

Quant Time: Aug 09 23:32:01 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	40485	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	153492	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	67868	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	100252	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	75202	20.000	ng	0.00
86) Perylene-d12	15.463	264	57156	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	301696	115.034	ng	0.00
7) Phenol-d6	6.487	99	397671	112.936	ng	0.00
23) Nitrobenzene-d5	7.404	82	268503	85.525	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	54862	98.685	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	436060	96.537	ng	-0.01
79) Terphenyl-d14	12.939	244	354562	78.938	ng	0.00

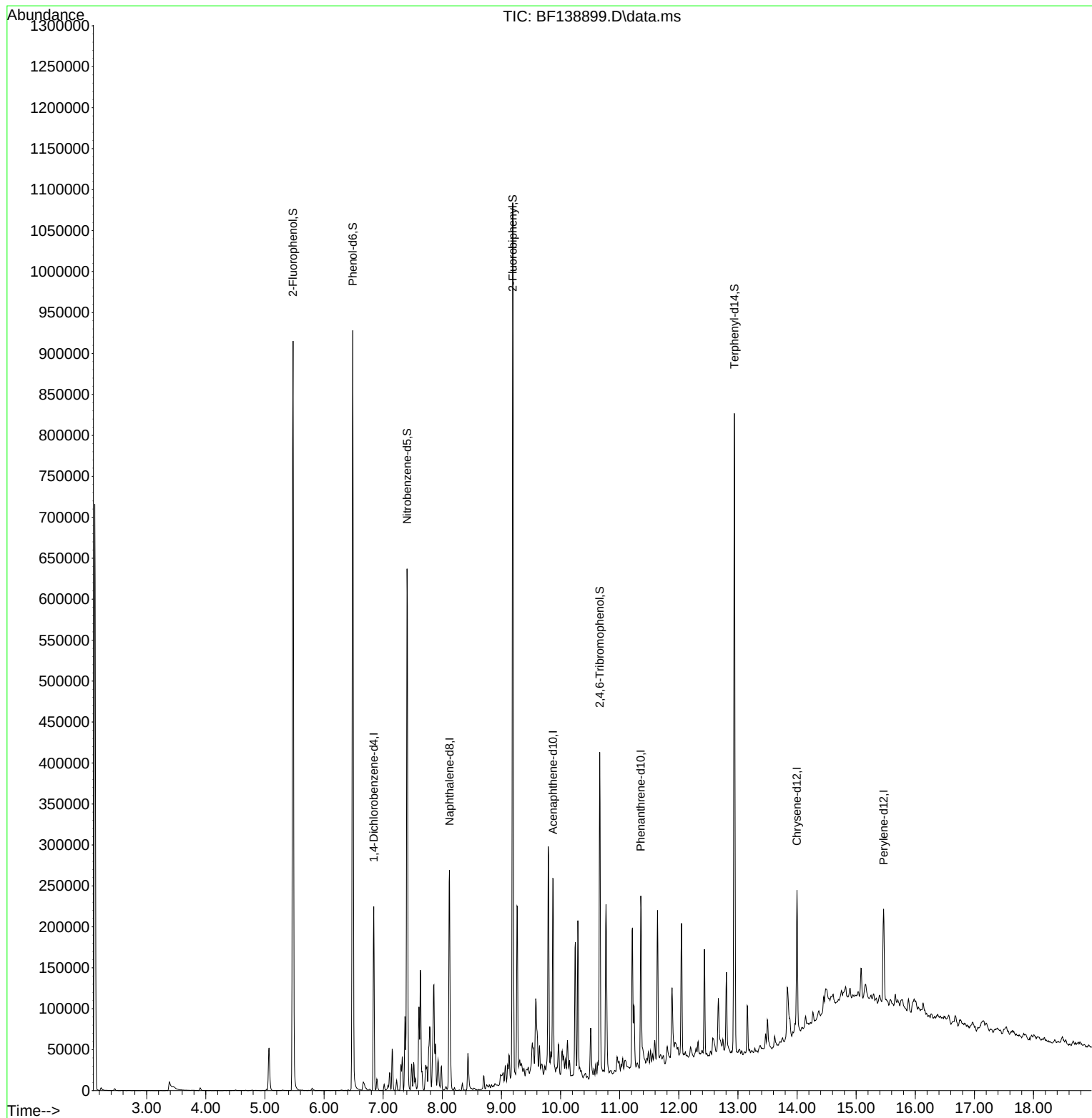
Target Compounds	Qvalue

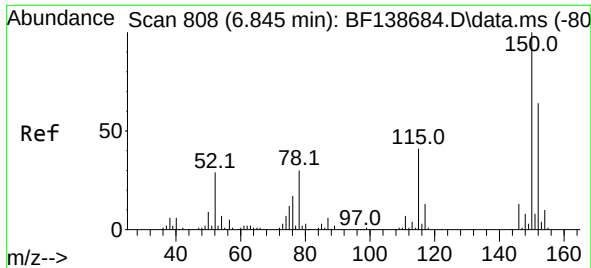
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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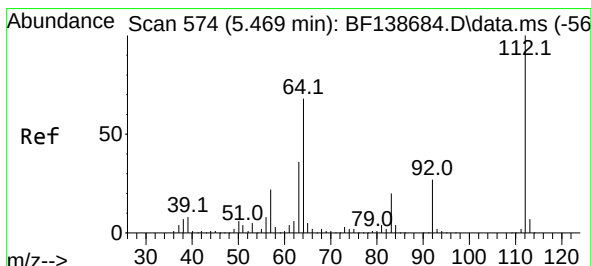
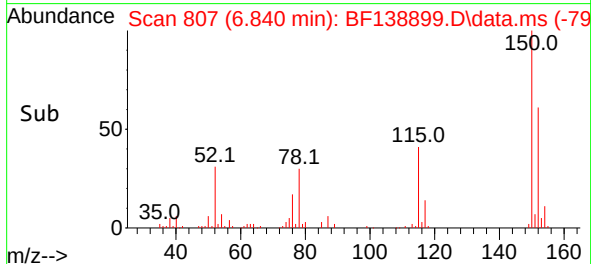
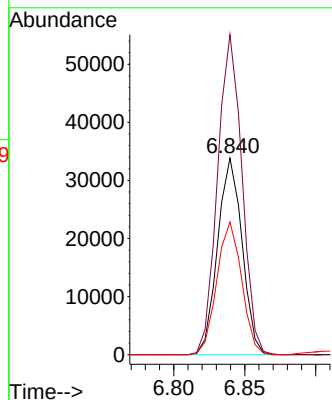
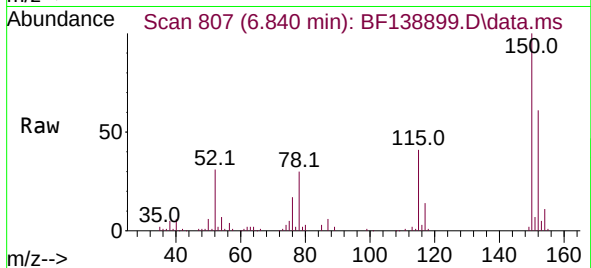




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138899.D
Acq: 09 Aug 2024 20:36

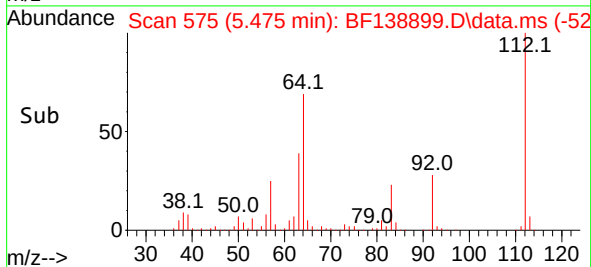
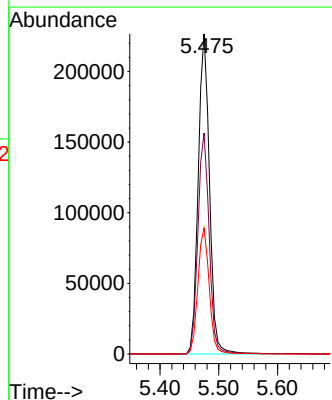
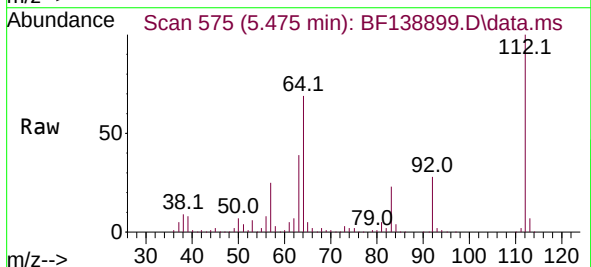
Instrument :
BNA_F
ClientSampleId :
B-105-SB02

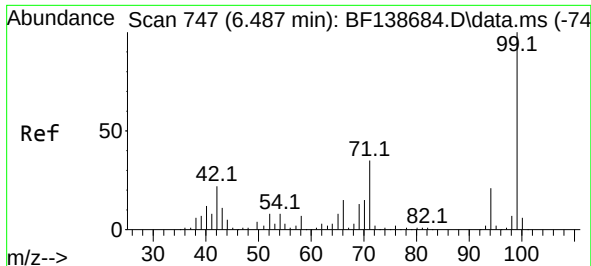
Tgt Ion:152 Resp: 40485
Ion Ratio Lower Upper
152 100
150 162.8 126.0 189.0
115 67.5 51.7 77.5



#5
2-Fluorophenol
Concen: 115.034 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138899.D
Acq: 09 Aug 2024 20:36

Tgt Ion:112 Resp: 301696
Ion Ratio Lower Upper
112 100
64 69.0 54.2 81.4
63 39.4 28.7 43.1

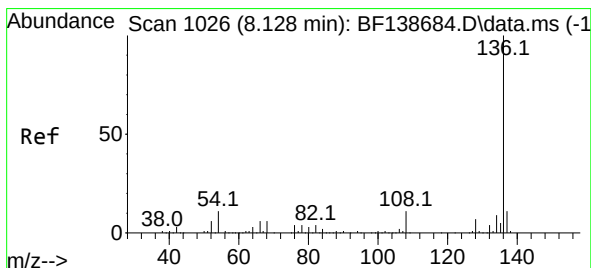
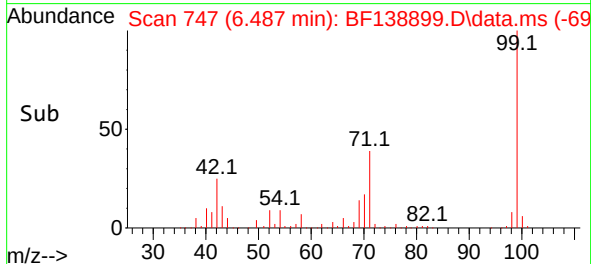
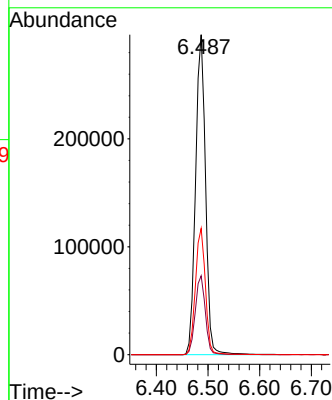
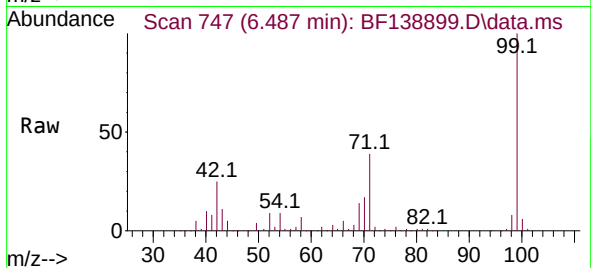




#7
Phenol-d6
Concen: 112.936 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138899.D
Acq: 09 Aug 2024 20:36

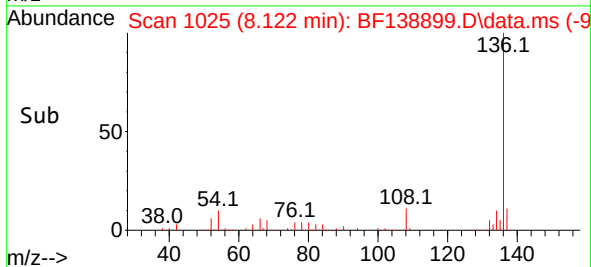
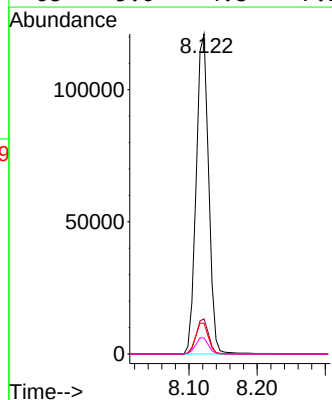
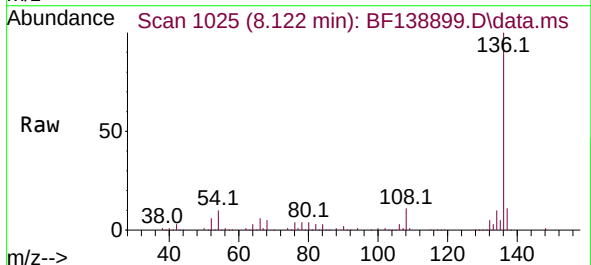
Instrument :
BNA_F
ClientSampleId :
B-105-SB02

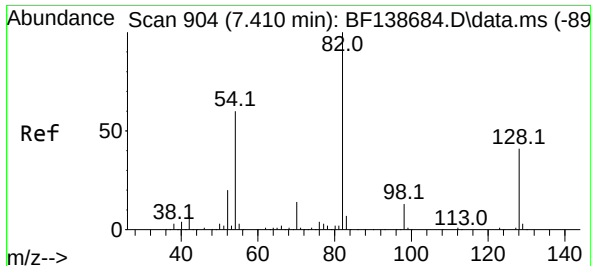
Tgt Ion: 99 Resp: 397671
Ion Ratio Lower Upper
99 100
42 24.7 17.4 26.0
71 39.5 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138899.D
Acq: 09 Aug 2024 20:36

Tgt Ion: 136 Resp: 153492
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.6 8.6 12.8
68 5.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 85.525 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138899.D

Acq: 09 Aug 2024 20:36

Instrument :

BNA_F

ClientSampleId :

B-105-SB02

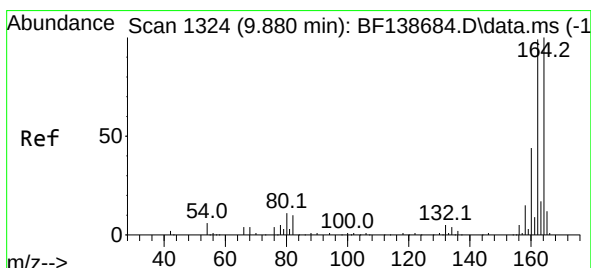
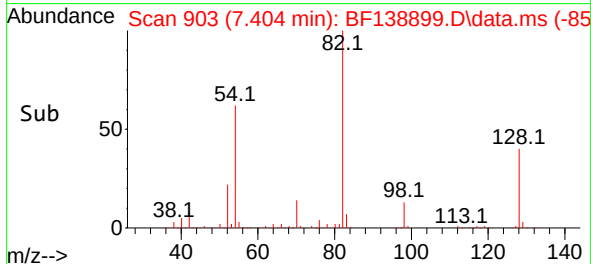
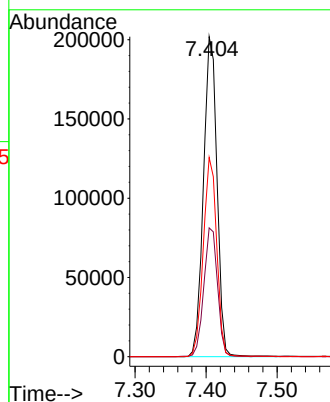
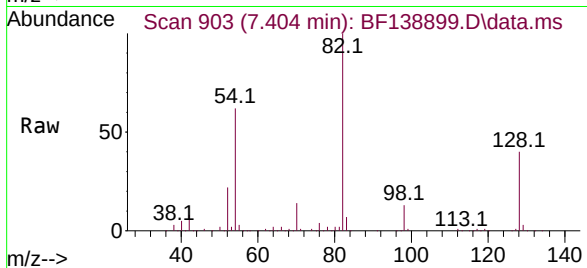
Tgt Ion: 82 Resp: 268503

Ion Ratio Lower Upper

82 100

128 40.2 32.8 49.2

54 62.3 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF138899.D

Acq: 09 Aug 2024 20:36

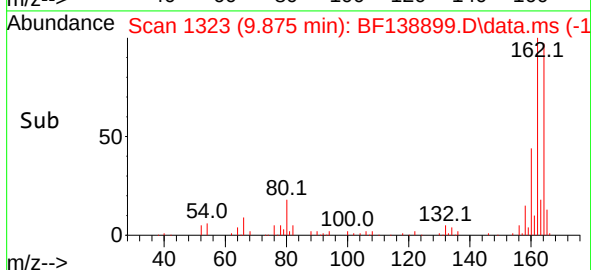
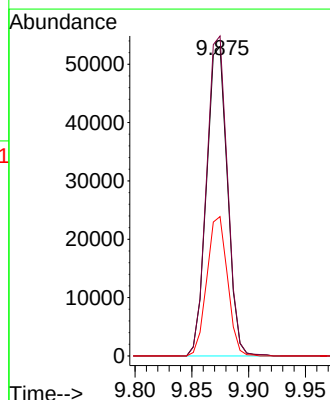
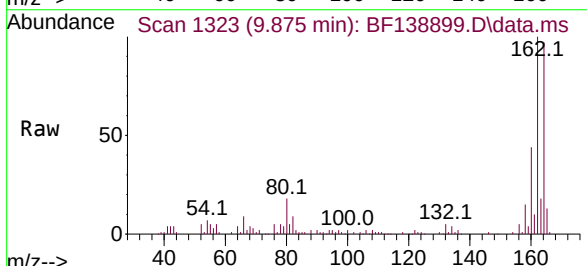
Tgt Ion:164 Resp: 67868

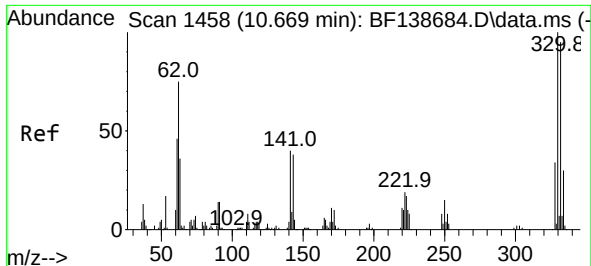
Ion Ratio Lower Upper

164 100

162 103.4 79.4 119.0

160 45.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 98.685 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138899.D

Acq: 09 Aug 2024 20:36

Instrument :

BNA_F

ClientSampleId :

B-105-SB02

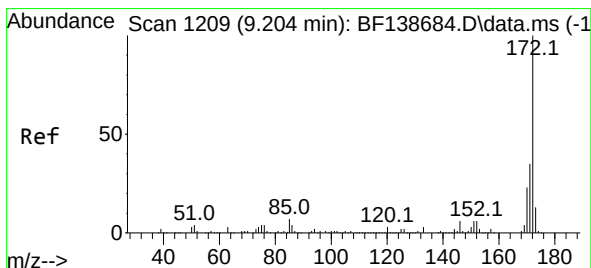
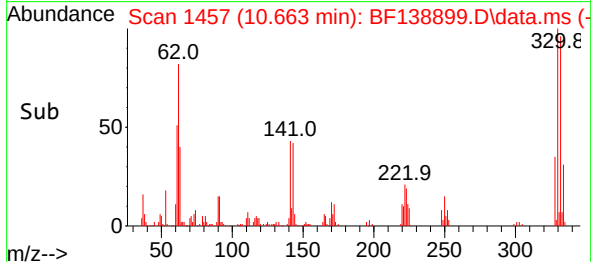
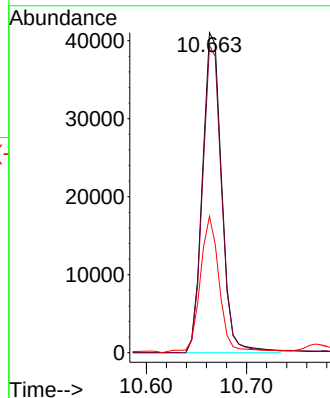
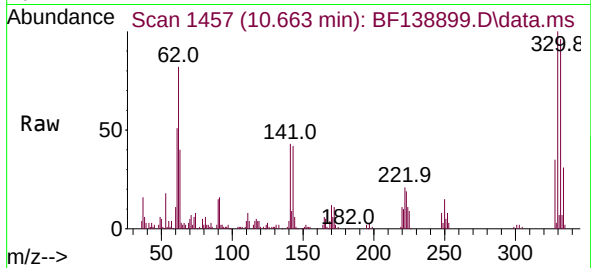
Tgt Ion:330 Resp: 54862

Ion Ratio Lower Upper

330 100

332 96.8 76.4 114.6

141 43.1 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 96.537 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138899.D

Acq: 09 Aug 2024 20:36

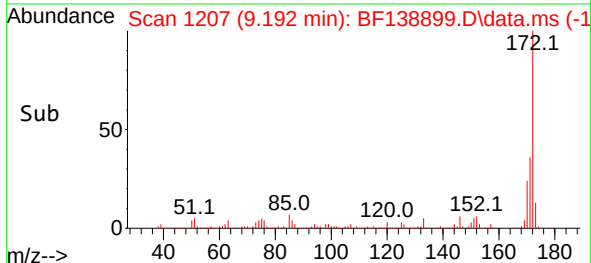
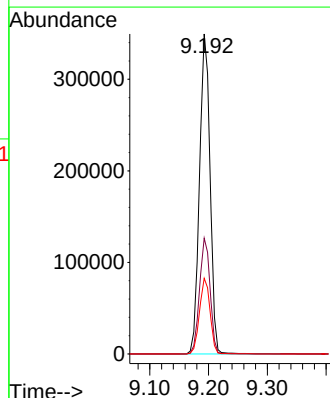
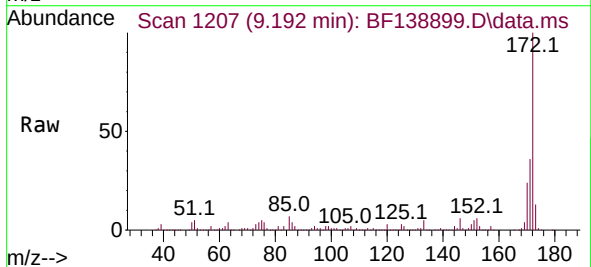
Tgt Ion:172 Resp: 436060

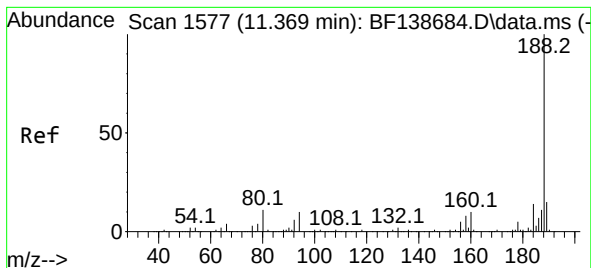
Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 23.6 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138899.D

Acq: 09 Aug 2024 20:36

Instrument :

BNA_F

ClientSampleId :

B-105-SB02

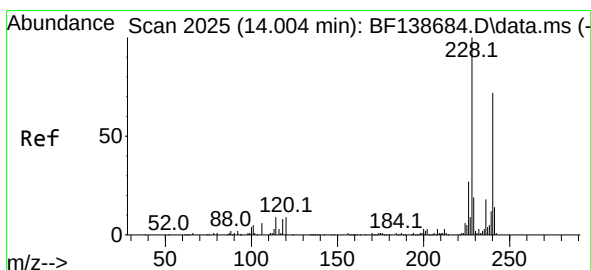
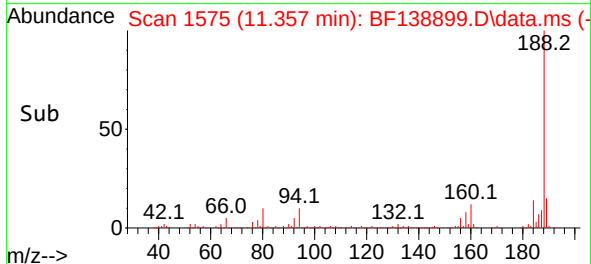
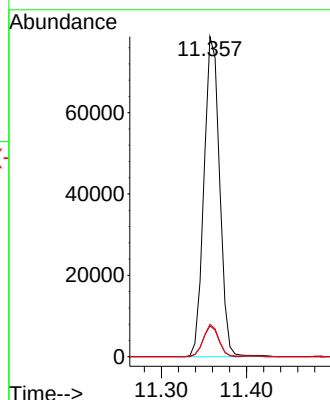
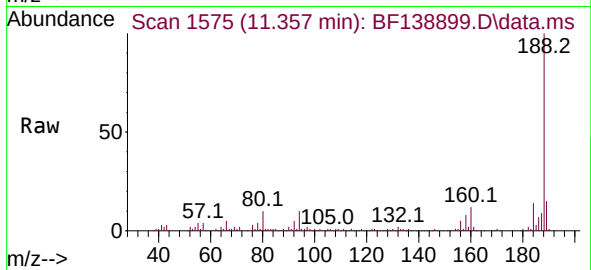
Tgt Ion:188 Resp: 100252

Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

80 10.1 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF138899.D

Acq: 09 Aug 2024 20:36

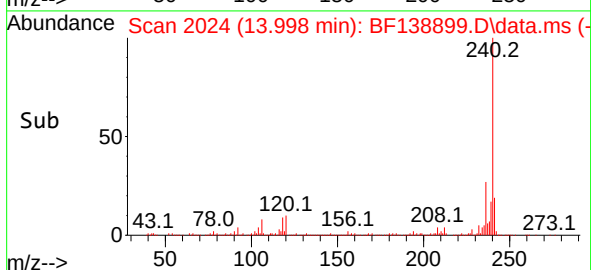
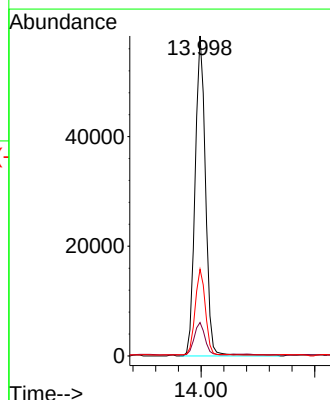
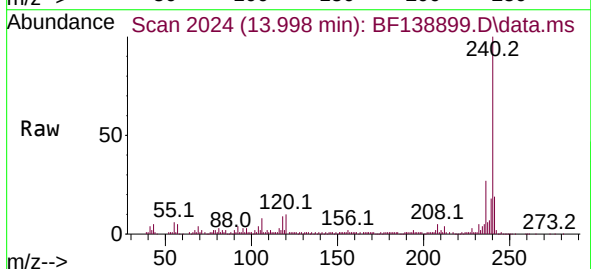
Tgt Ion:240 Resp: 75202

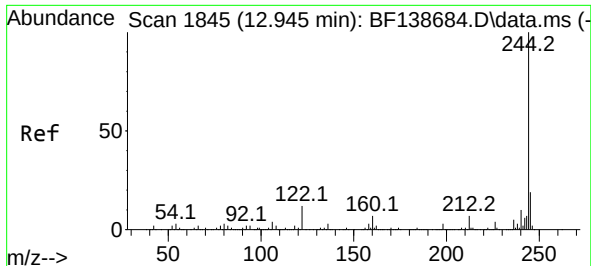
Ion Ratio Lower Upper

240 100

120 10.5 10.2 15.4

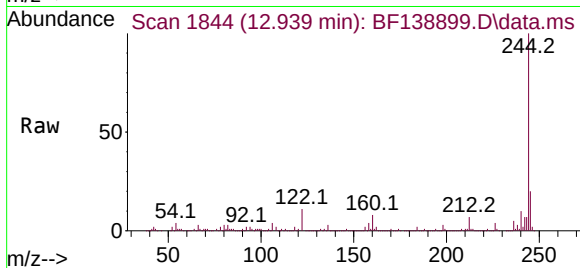
236 27.1 19.8 29.8



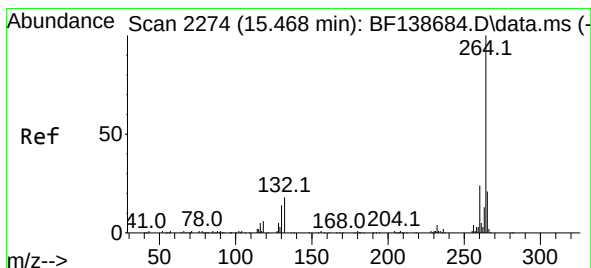
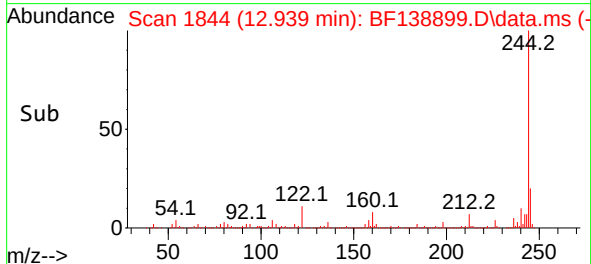
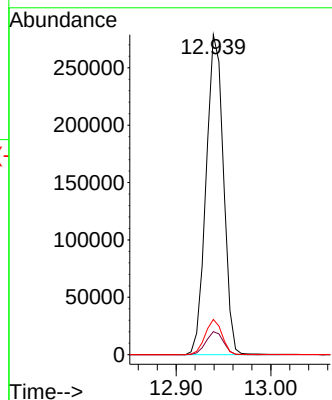


#79
Terphenyl-d14
Concen: 78.938 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138899.D
Acq: 09 Aug 2024 20:36

Instrument :
BNA_F
ClientSampleId :
B-105-SB02



Tgt Ion:244 Resp: 354562
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.0 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: BF138899.D
Acq: 09 Aug 2024 20:36

Tgt Ion:264 Resp: 57156
Ion Ratio Lower Upper
264 100
260 22.6 19.0 28.6
265 22.5 17.0 25.6

