

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
Data File : BF138911.D
Acq On : 10 Aug 2024 15:49
Operator : RC/JU
Sample : P3476-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MUL04

Quant Time: Aug 12 01:16:04 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	33741	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	138712	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	77568	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	124451	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	61945	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	75880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	102864	47.060	ng	0.00
7) Phenol-d6	6.481	99	79410	27.059	ng	0.00
23) Nitrobenzene-d5	7.404	82	245410	86.499	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	78955	124.263	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	431236	83.531	ng	-0.01
79) Terphenyl-d14	12.939	244	316163	85.454	ng	0.00

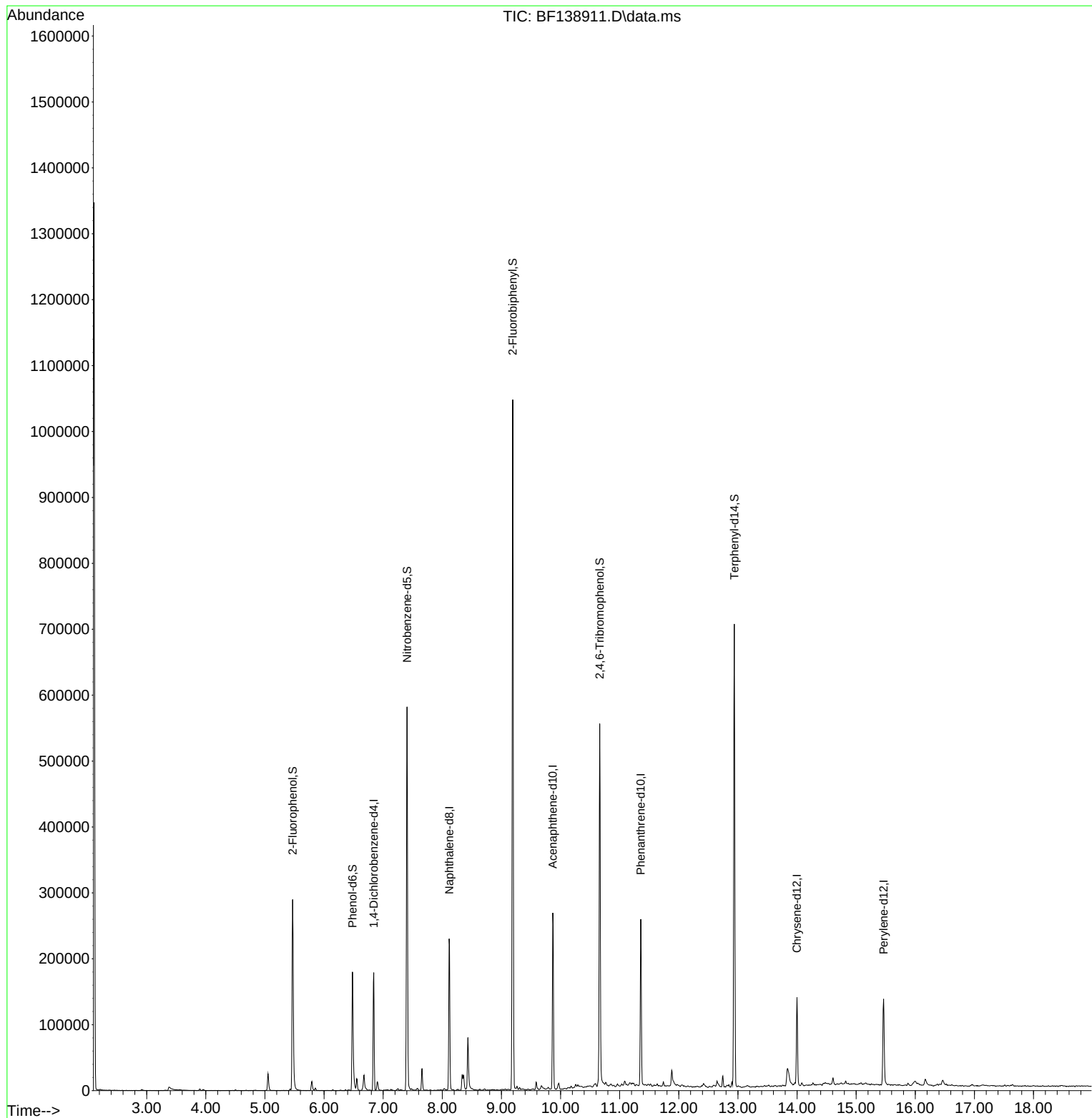
Target Compounds	Qvalue

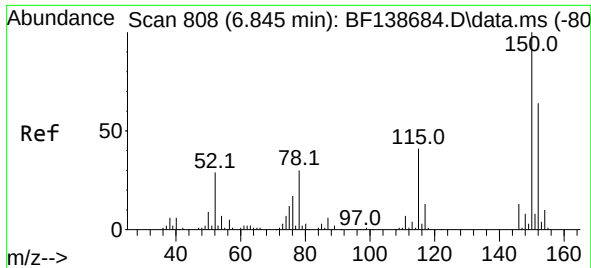
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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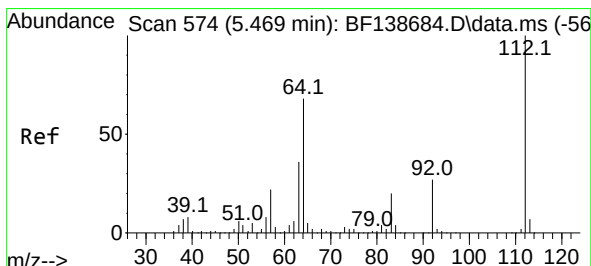
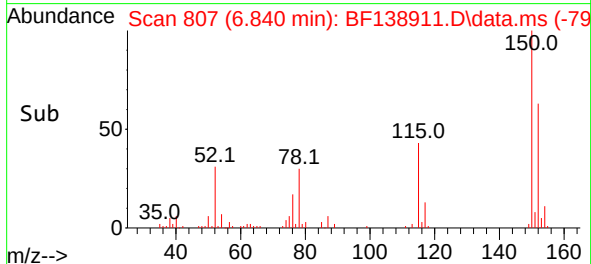
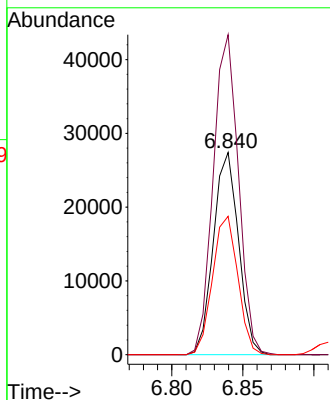
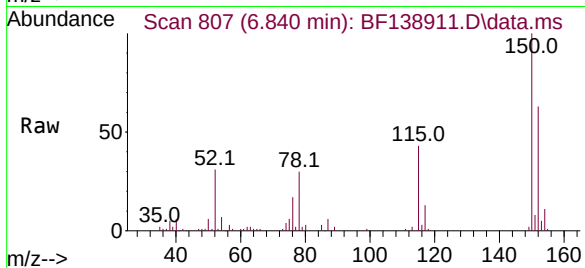




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138911.D
Acq: 10 Aug 2024 15:49

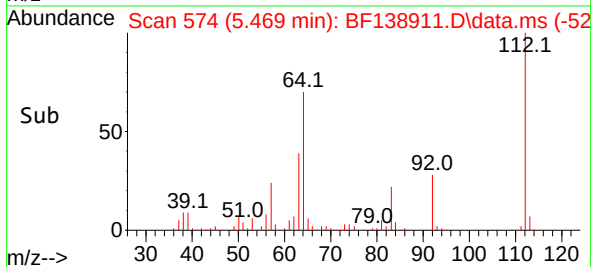
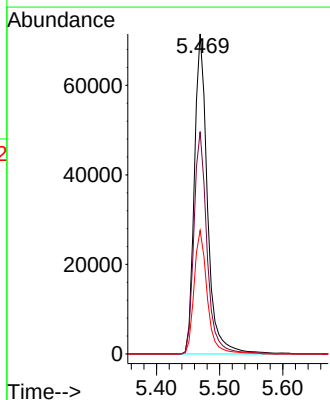
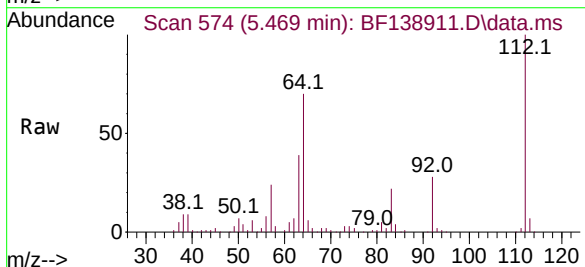
Instrument :
BNA_F
ClientSampleId :
MUL04

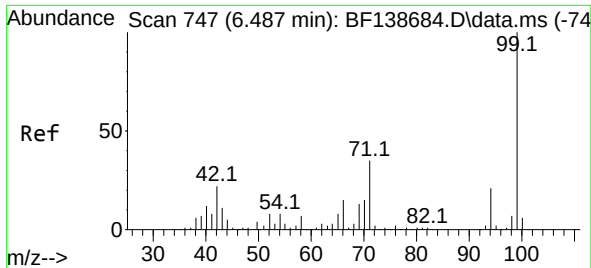
Tgt Ion:152 Resp: 33741
Ion Ratio Lower Upper
152 100
150 158.3 126.0 189.0
115 68.4 51.7 77.5



#5
2-Fluorophenol
Concen: 47.060 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138911.D
Acq: 10 Aug 2024 15:49

Tgt Ion:112 Resp: 102864
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.4
63 38.6 28.7 43.1

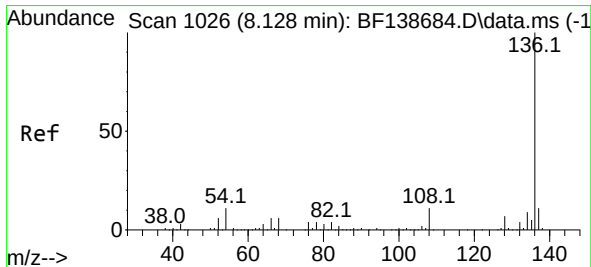
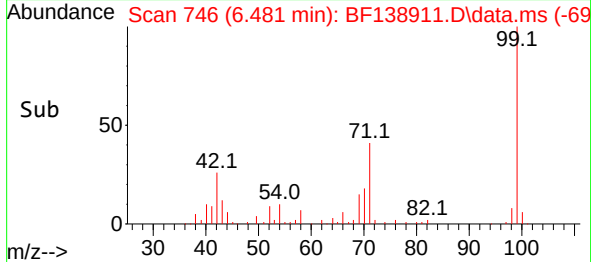
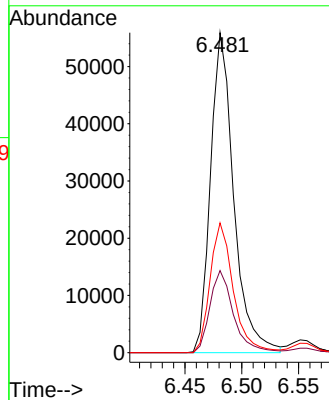
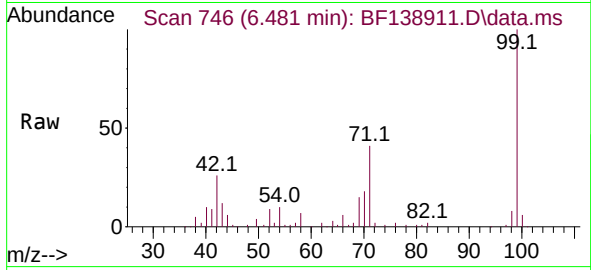




#7
Phenol-d6
Concen: 27.059 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138911.D
Acq: 10 Aug 2024 15:49

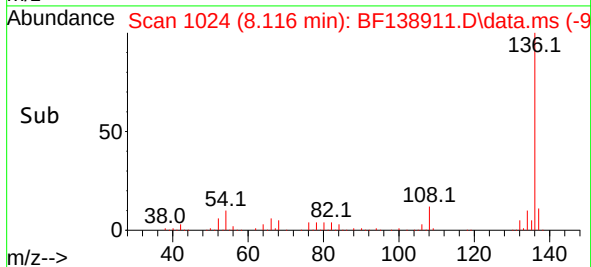
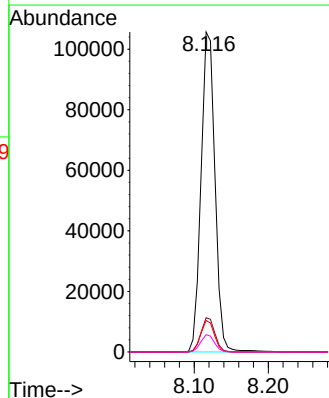
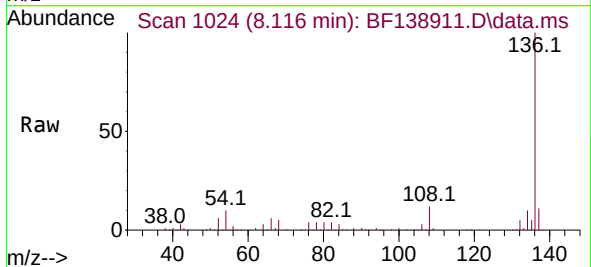
Instrument :
BNA_F
ClientSampleId :
MUL04

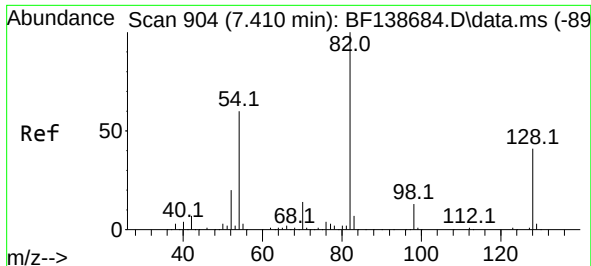
Tgt Ion:	99	Resp:	79410
Ion	Ratio	Lower	Upper
99	100		
42	25.6	17.4	26.0
71	40.6	28.1	42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138911.D
Acq: 10 Aug 2024 15:49

Tgt Ion:	136	Resp:	138712
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.9	8.6	12.8
68	5.4	4.8	7.2





#23

Nitrobenzene-d5

Concen: 86.499 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138911.D

Acq: 10 Aug 2024 15:49

Instrument :

BNA_F

ClientSampleId :

MUL04

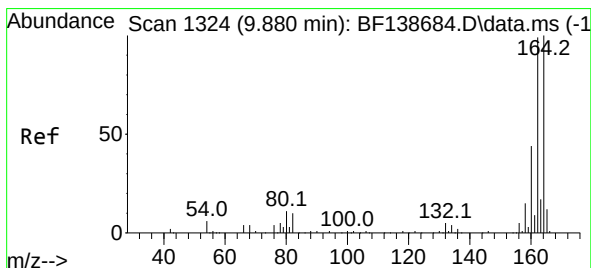
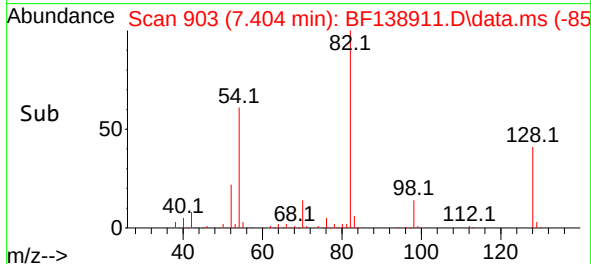
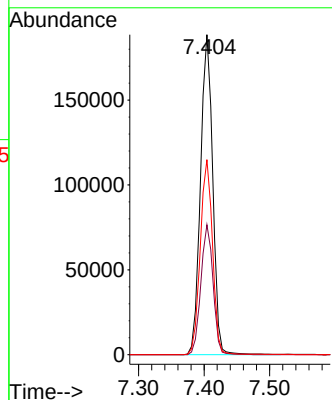
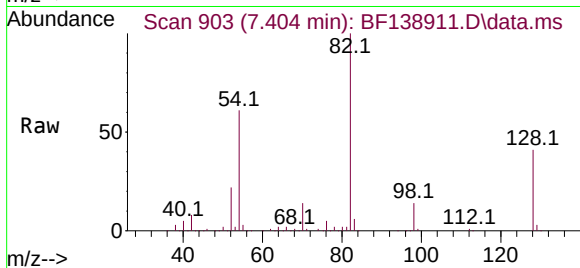
Tgt Ion: 82 Resp: 245410

Ion Ratio Lower Upper

82 100

128 40.6 32.8 49.2

54 60.9 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: BF138911.D

Acq: 10 Aug 2024 15:49

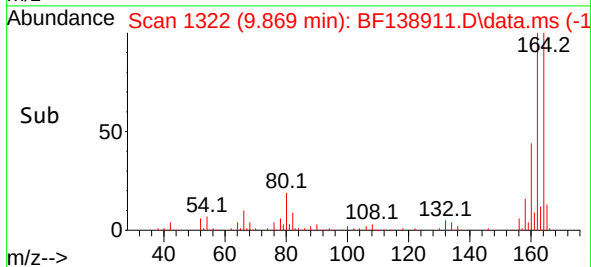
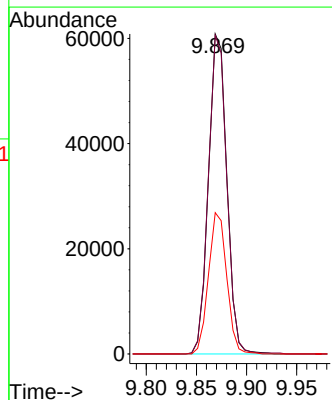
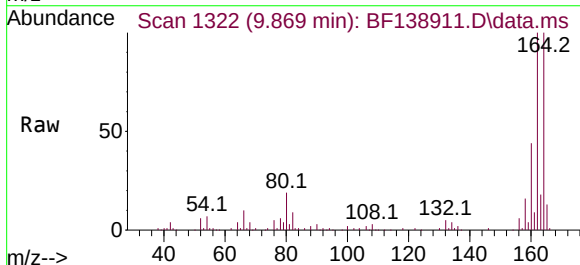
Tgt Ion:164 Resp: 77568

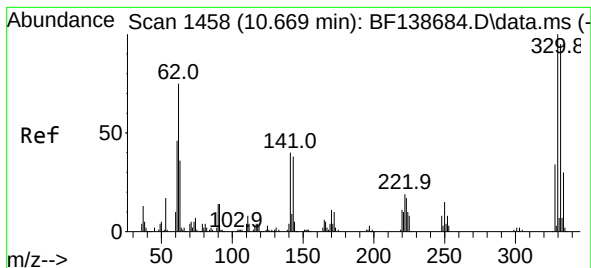
Ion Ratio Lower Upper

164 100

162 99.6 79.4 119.0

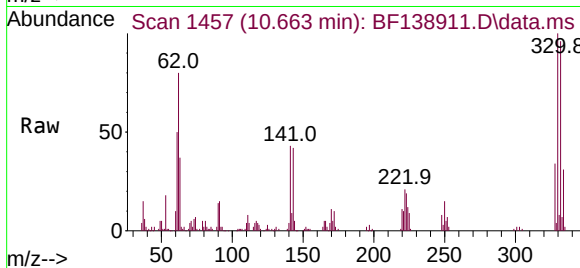
160 44.2 35.1 52.7



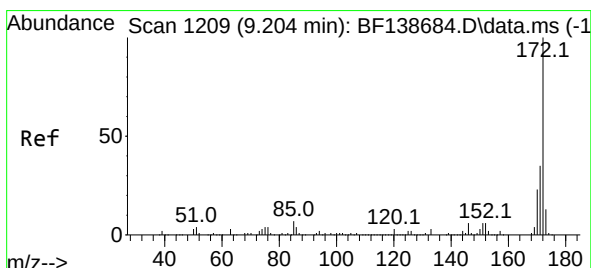
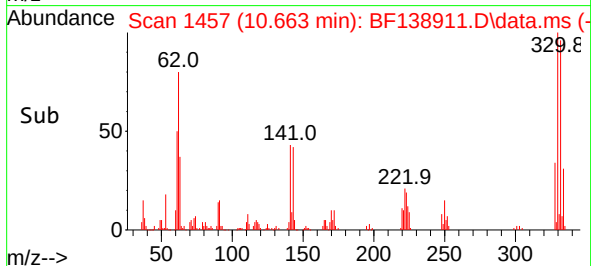
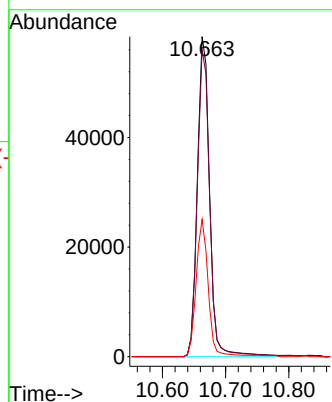


#42
2,4,6-Tribromophenol
Concen: 124.263 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138911.D
Acq: 10 Aug 2024 15:49

Instrument :
BNA_F
ClientSampleId :
MUL04

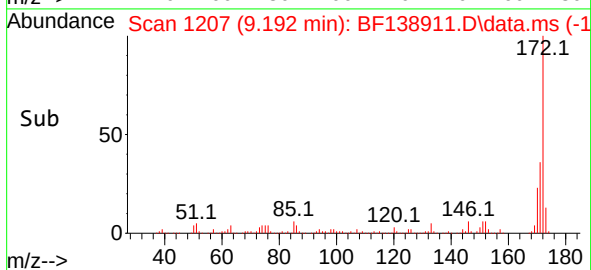
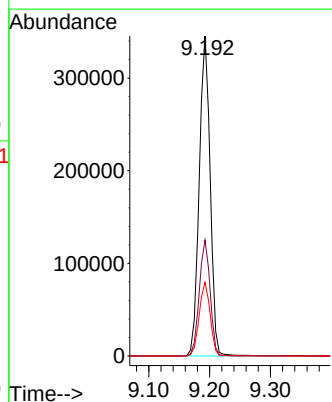
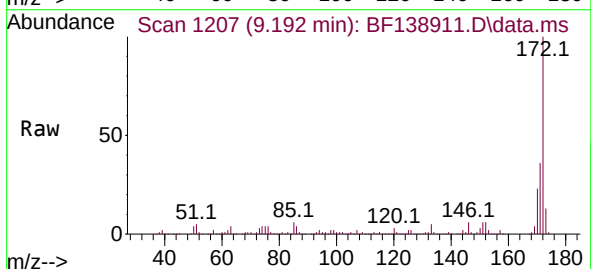


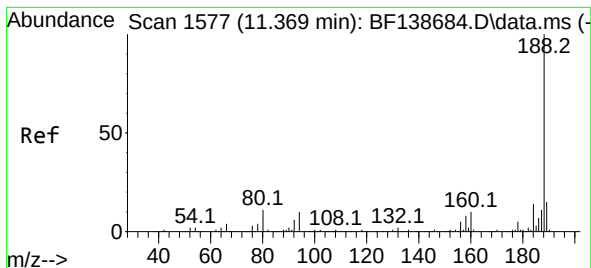
Tgt Ion:330 Resp: 78955
Ion Ratio Lower Upper
330 100
332 97.3 76.4 114.6
141 42.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 83.531 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138911.D
Acq: 10 Aug 2024 15:49

Tgt Ion:172 Resp: 431236
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.0 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: BF138911.D

Acq: 10 Aug 2024 15:49

Instrument :

BNA_F

ClientSampleId :

MUL04

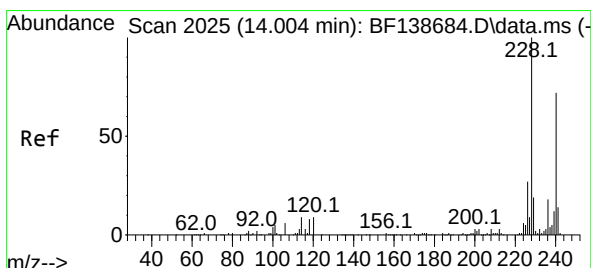
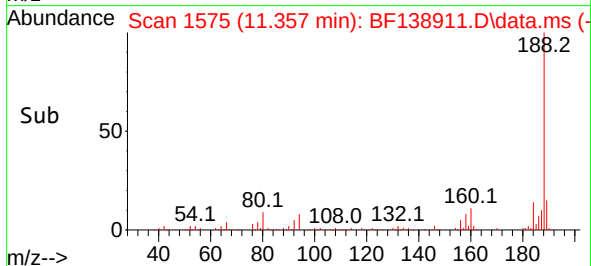
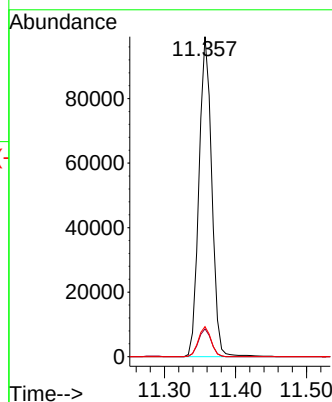
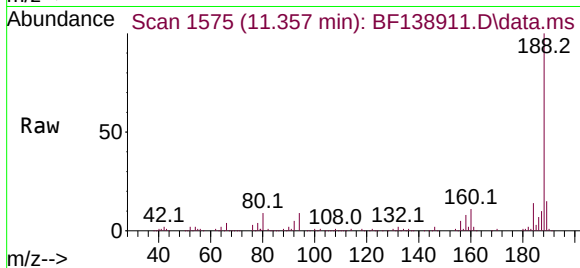
Tgt Ion:188 Resp: 124451

Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

80 9.4 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: BF138911.D

Acq: 10 Aug 2024 15:49

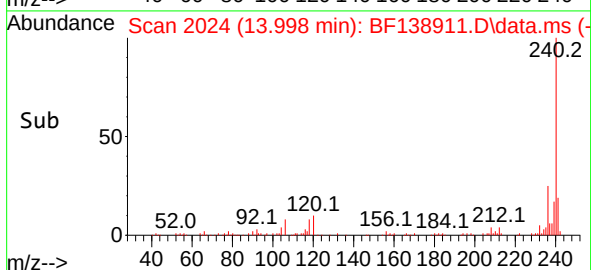
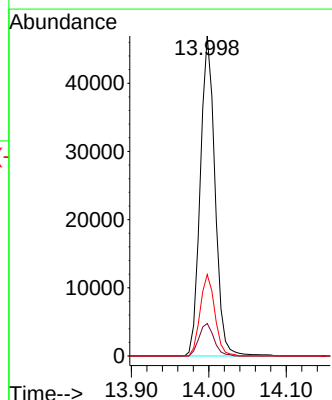
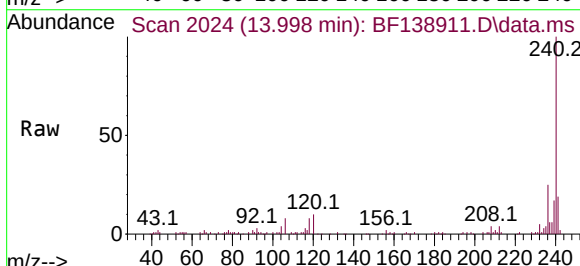
Tgt Ion:240 Resp: 61945

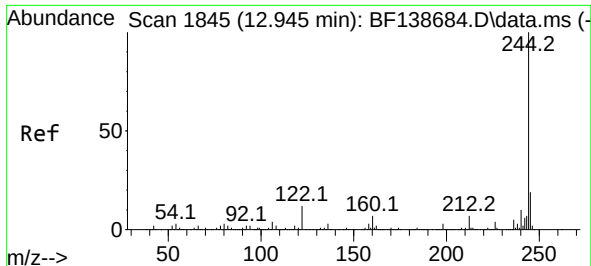
Ion Ratio Lower Upper

240 100

120 10.2 10.2 15.4#

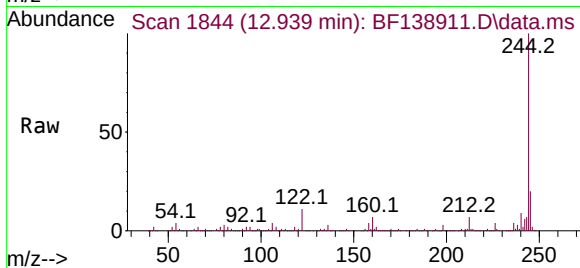
236 25.4 19.8 29.8



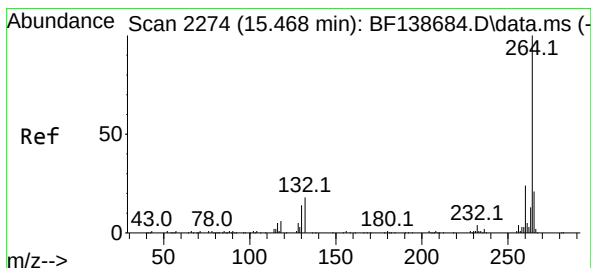
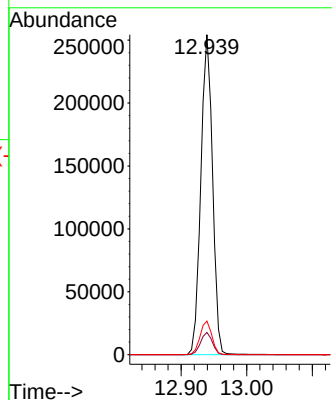
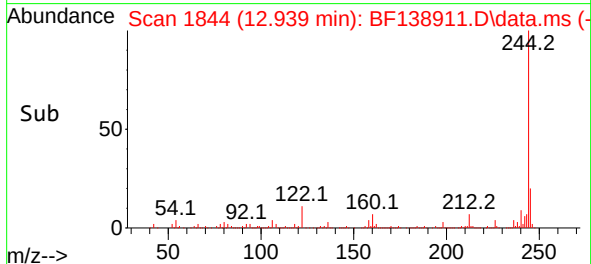


#79
 Terphenyl-d14
 Concen: 85.454 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138911.D
 Acq: 10 Aug 2024 15:49

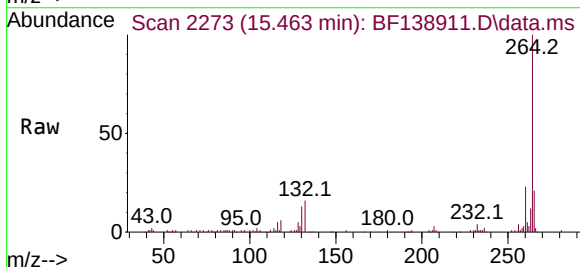
Instrument :
 BNA_F
 ClientSampleId :
 MUL04



Tgt Ion:244 Resp: 316163
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.5 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: BF138911.D
 Acq: 10 Aug 2024 15:49



Tgt Ion:264 Resp: 75880
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.3 17.0 25.6

