

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
Data File : BF138870.D
Acq On : 08 Aug 2024 17:30
Operator : RC/JU
Sample : P3416-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MLS-15-9999

Quant Time: Aug 08 17:54:19 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	38709	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	155682	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	87215	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	153003	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	75662	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	62858	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	157372	62.757	ng	0.00
7) Phenol-d6	6.481	99	124793	37.066	ng	0.00
23) Nitrobenzene-d5	7.404	82	357358	112.227	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	121954	170.706	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	670434	115.499	ng	-0.01
79) Terphenyl-d14	12.939	244	684948	151.567	ng	0.00

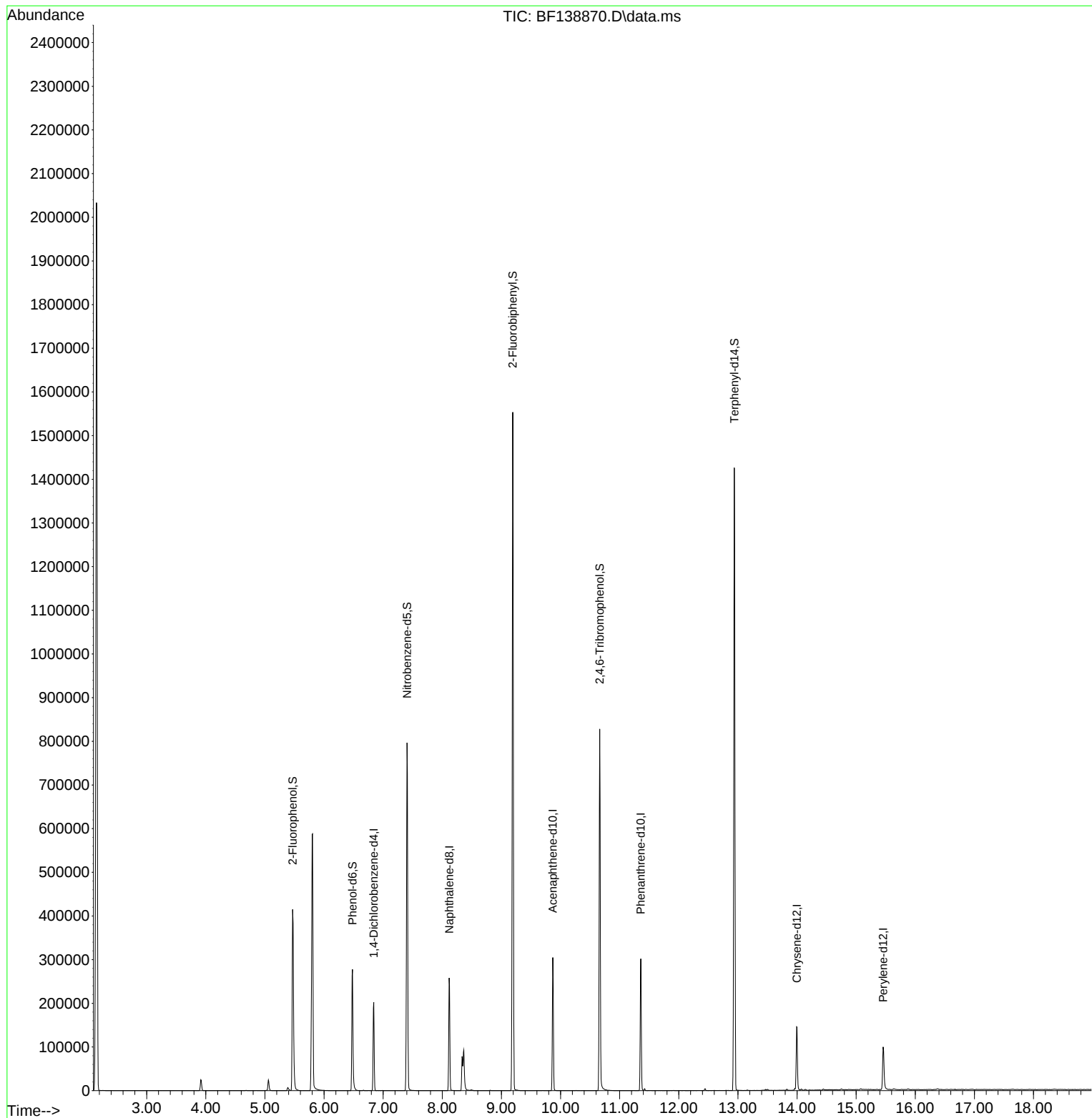
Target Compounds	Qvalue

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

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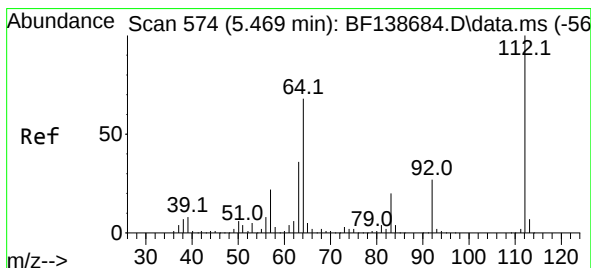
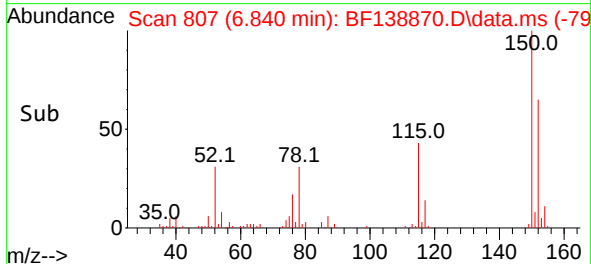
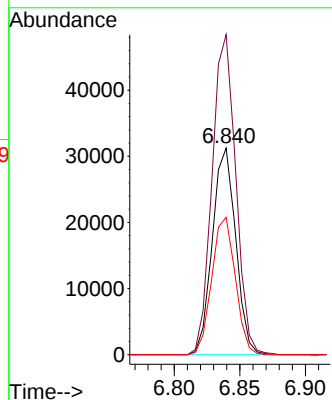
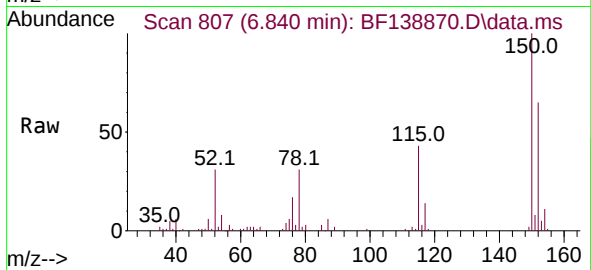




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138870.D
Acq: 08 Aug 2024 17:30

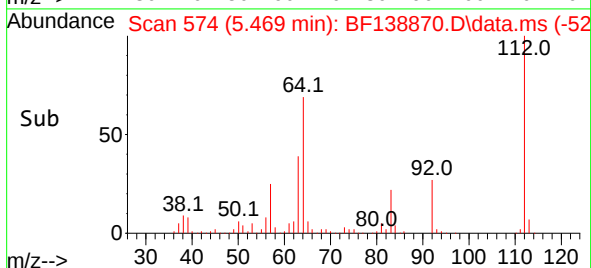
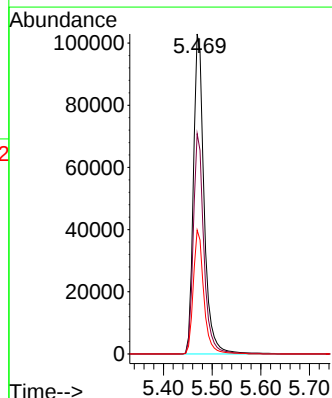
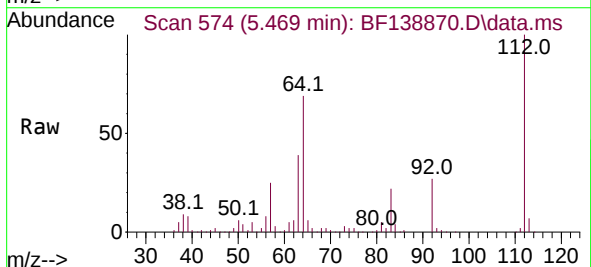
Instrument :
BNA_F
ClientSampleId :
MLS-15-9999

Tgt Ion:152 Resp: 38709
Ion Ratio Lower Upper
152 100
150 154.9 126.0 189.0
115 66.5 51.7 77.5



#5
2-Fluorophenol
Concen: 62.757 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138870.D
Acq: 08 Aug 2024 17:30

Tgt Ion:112 Resp: 157372
Ion Ratio Lower Upper
112 100
64 68.9 54.2 81.4
63 38.7 28.7 43.1

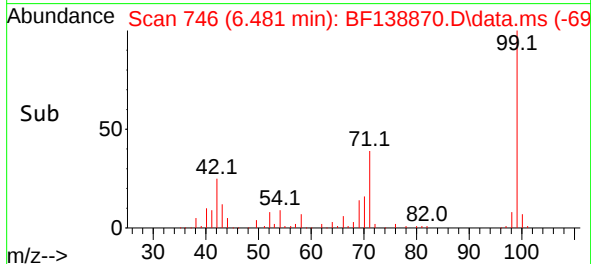
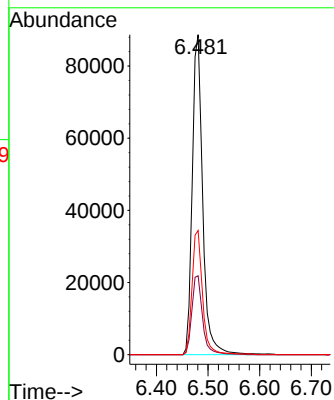
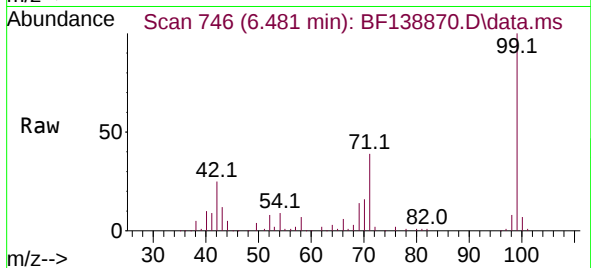




#7
Phenol-d6
Concen: 37.066 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138870.D
Acq: 08 Aug 2024 17:30

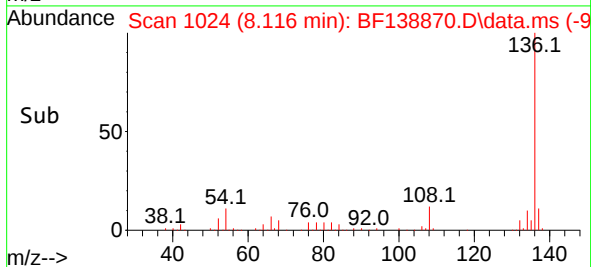
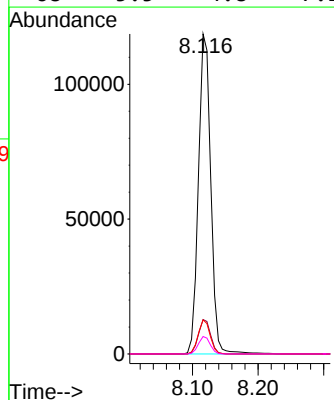
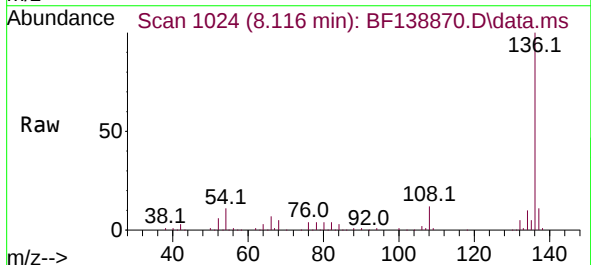
Instrument :
BNA_F
ClientSampleId :
MLS-15-9999

Tgt Ion: 99 Resp: 124793
Ion Ratio Lower Upper
99 100
42 24.7 17.4 26.0
71 38.8 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: BF138870.D
Acq: 08 Aug 2024 17:30

Tgt Ion: 136 Resp: 155682
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.6 8.6 12.8
68 5.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 112.227 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138870.D

Acq: 08 Aug 2024 17:30

Instrument :

BNA_F

ClientSampleId :

MLS-15-9999

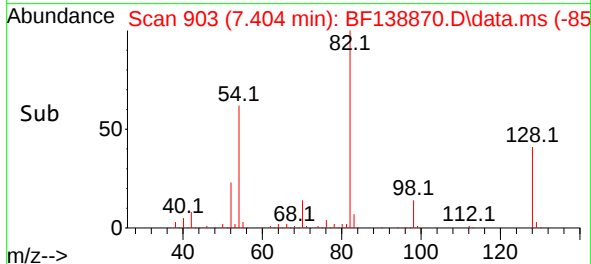
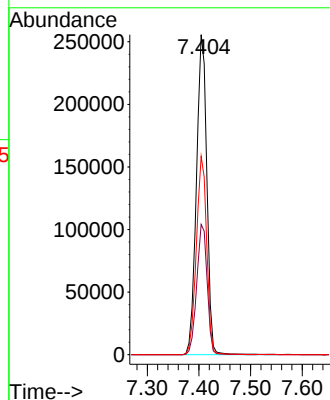
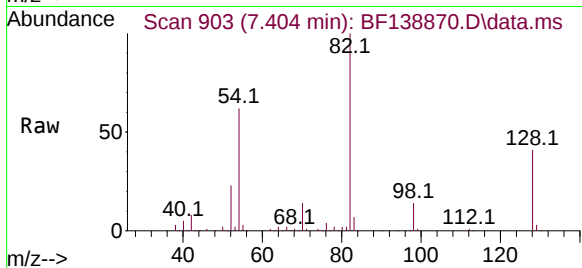
Tgt Ion: 82 Resp: 357358

Ion Ratio Lower Upper

82 100

128 40.7 32.8 49.2

54 62.0 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: BF138870.D

Acq: 08 Aug 2024 17:30

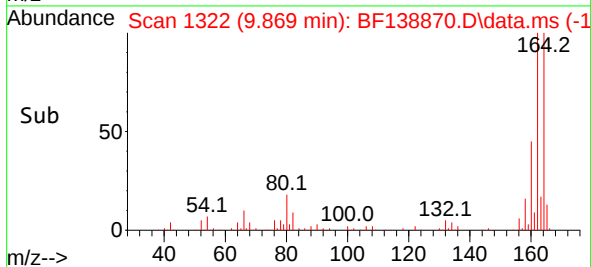
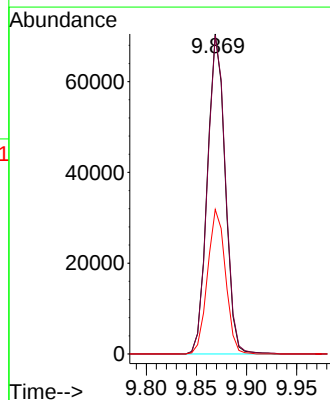
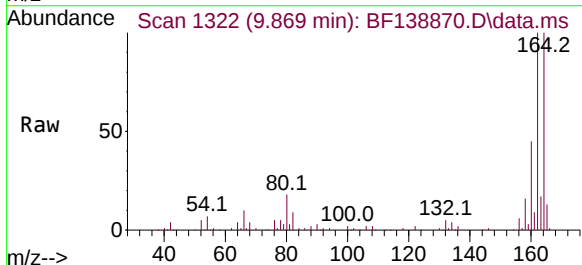
Tgt Ion:164 Resp: 87215

Ion Ratio Lower Upper

164 100

162 99.5 79.4 119.0

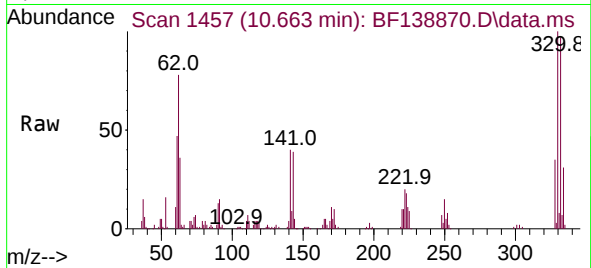
160 45.2 35.1 52.7



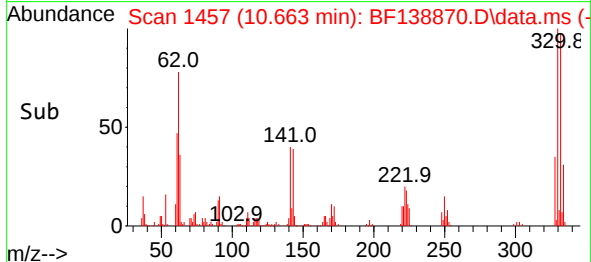
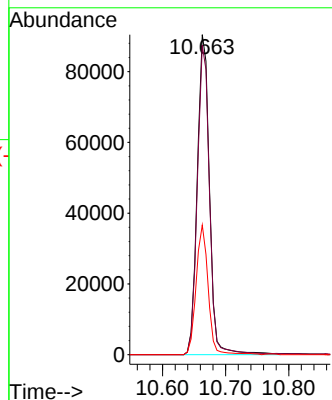


#42
2,4,6-Tribromophenol
Concen: 170.706 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF138870.D
Acq: 08 Aug 2024 17:30

Instrument :
BNA_F
ClientSampleId :
MLS-15-9999

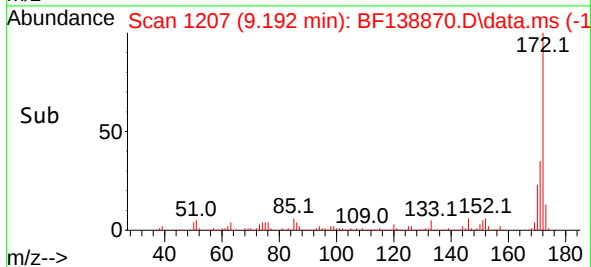
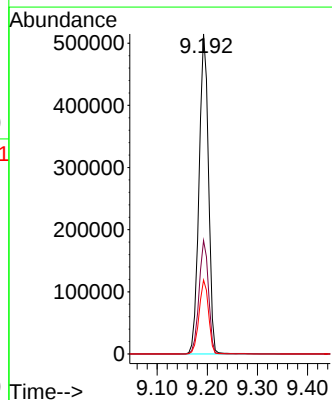
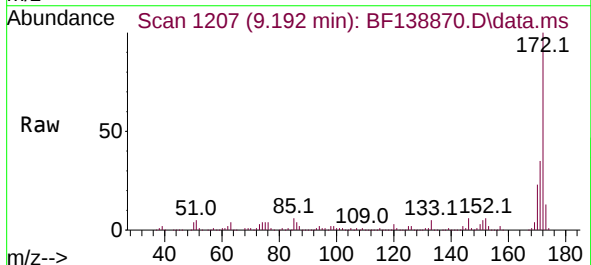


Tgt Ion:330 Resp: 121954
Ion Ratio Lower Upper
330 100
332 96.0 76.4 114.6
141 39.7 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 115.499 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138870.D
Acq: 08 Aug 2024 17:30

Tgt Ion:172 Resp: 670434
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.1 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138870.D

Acq: 08 Aug 2024 17:30

Instrument :

BNA_F

ClientSampleId :

MLS-15-9999

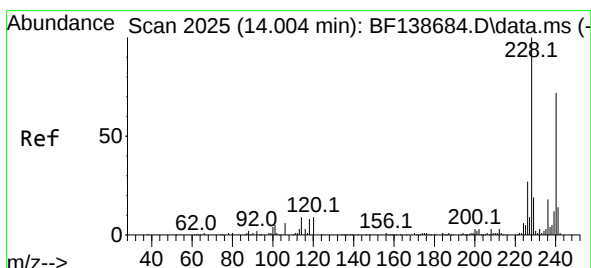
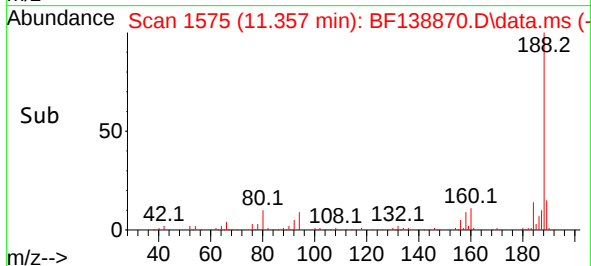
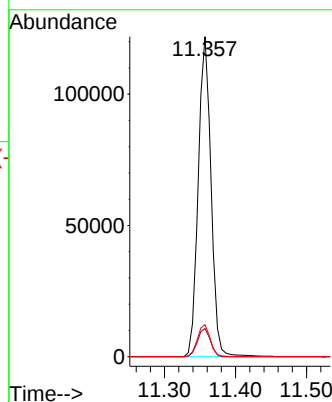
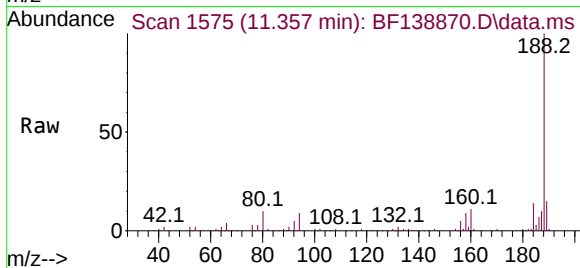
Tgt Ion:188 Resp: 153003

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 10.0 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: BF138870.D

Acq: 08 Aug 2024 17:30

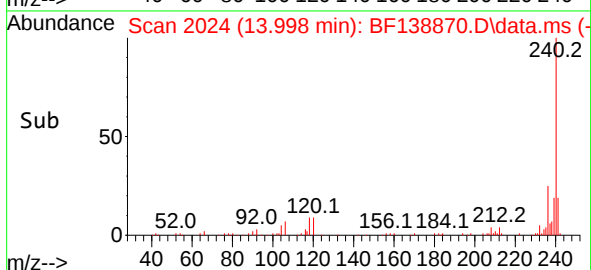
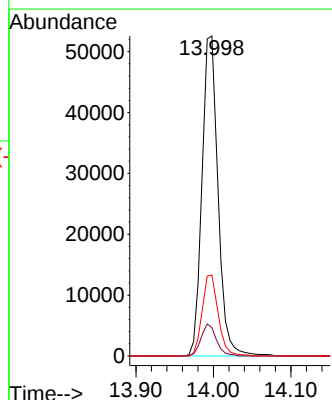
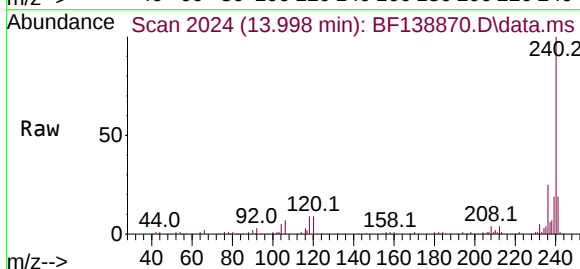
Tgt Ion:240 Resp: 75662

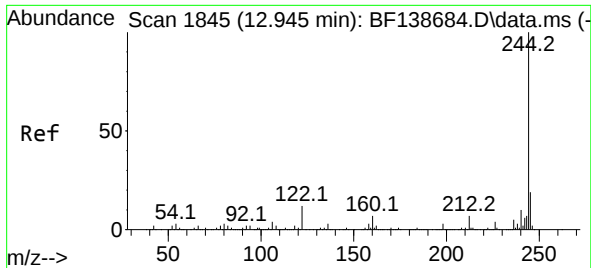
Ion Ratio Lower Upper

240 100

120 8.8 10.2 15.4#

236 25.3 19.8 29.8



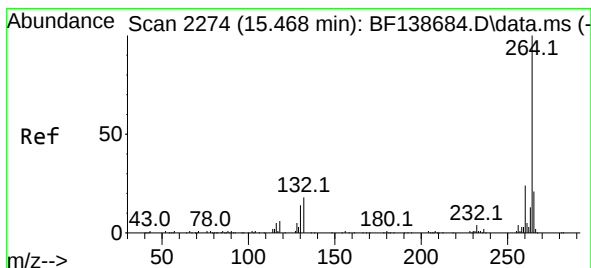
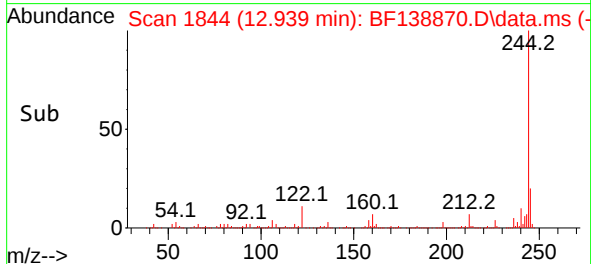
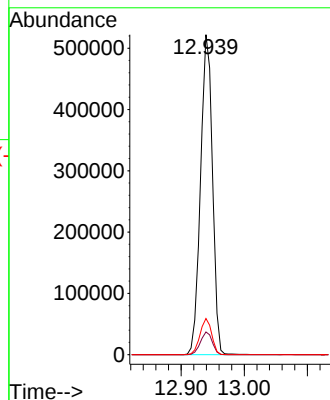
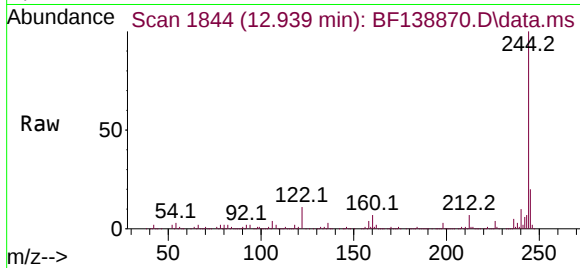


#79
Terphenyl-d14
Concen: 151.567 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138870.D
Acq: 08 Aug 2024 17:30

Instrument :
BNA_F
ClientSampleId :
MLS-15-9999

Tgt Ion:244 Resp: 684948

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	11.3	9.6	14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF138870.D
Acq: 08 Aug 2024 17:30

Tgt Ion:264 Resp: 62858

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	22.4	17.0	25.6

