

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138860.D
 Acq On : 08 Aug 2024 12:21
 Operator : RC/JU
 Sample : PB162342BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162342BL

Quant Time: Aug 08 12:58:34 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	44018	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	186487	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	108815	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	205081	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	118845	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	82017	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	377180	132.272	ng	0.01
7) Phenol-d6	6.481	99	493921	129.012	ng	0.00
23) Nitrobenzene-d5	7.404	82	325613	85.366	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	121077	135.837	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	625729	86.399	ng	-0.01
79) Terphenyl-d14	12.939	244	713829	100.563	ng	0.00

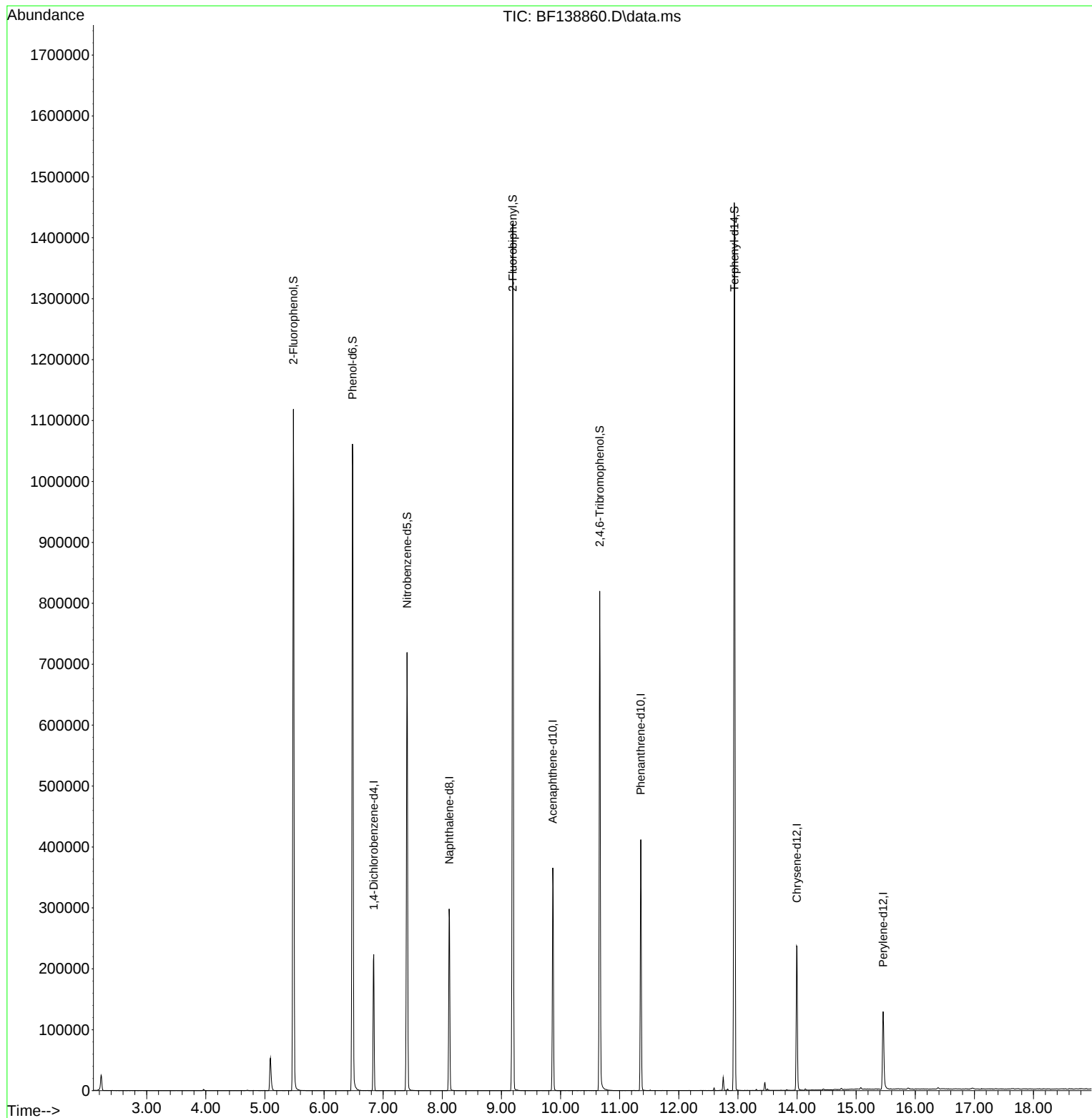
Target Compounds	Qvalue

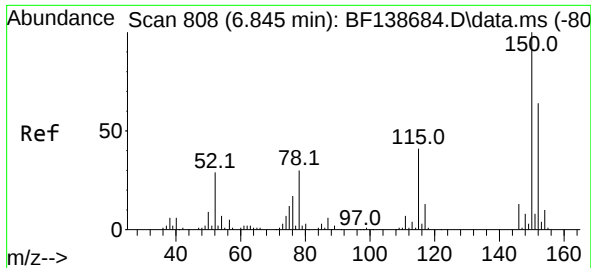
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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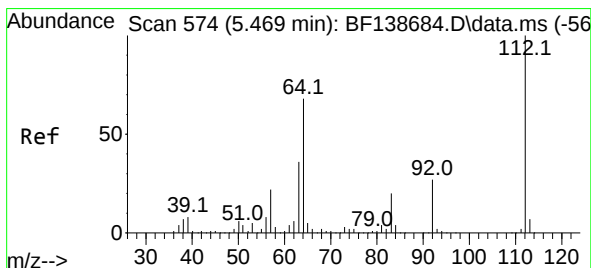
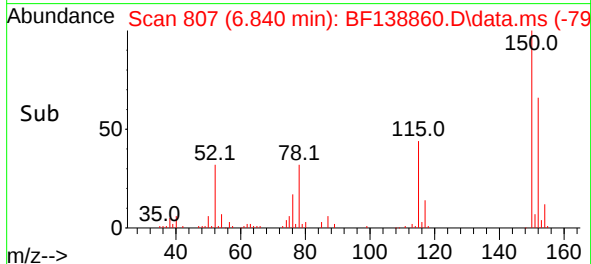
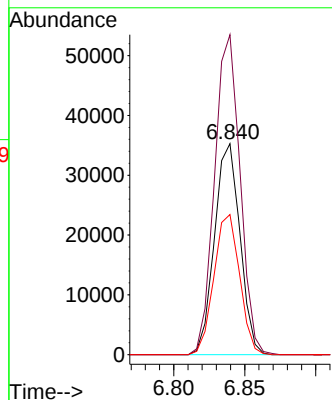
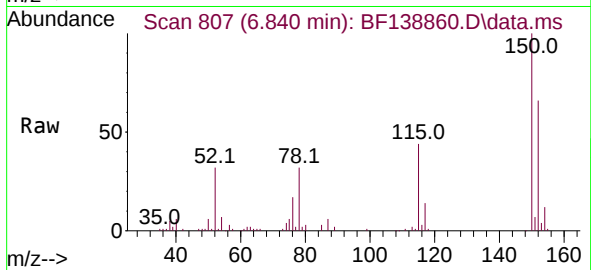




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138860.D
Acq: 08 Aug 2024 12:21

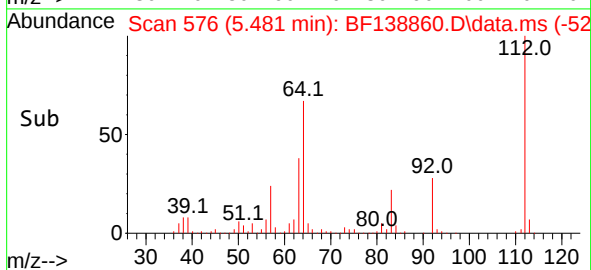
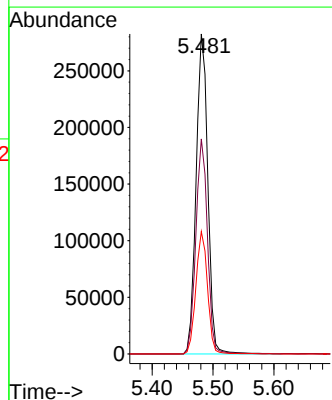
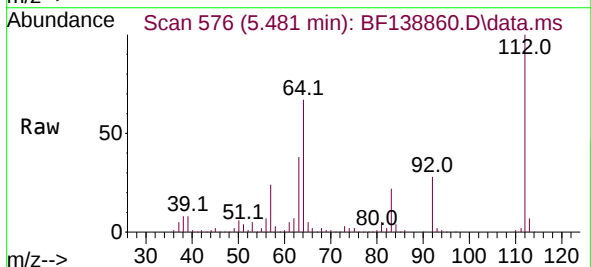
Instrument :
BNA_F
ClientSampleId :
PB162342BL

Tgt Ion:152 Resp: 44018
Ion Ratio Lower Upper
152 100
150 151.6 126.0 189.0
115 66.4 51.7 77.5



#5
2-Fluorophenol
Concen: 132.272 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138860.D
Acq: 08 Aug 2024 12:21

Tgt Ion:112 Resp: 377180
Ion Ratio Lower Upper
112 100
64 67.2 54.2 81.4
63 38.3 28.7 43.1

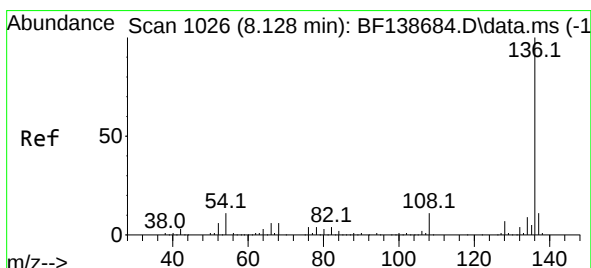
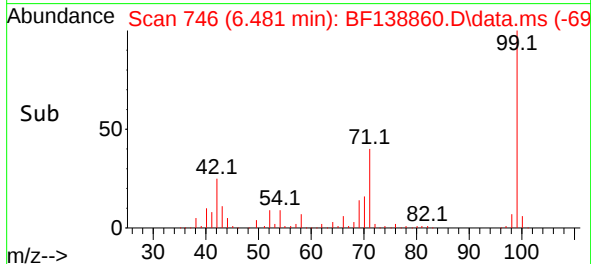
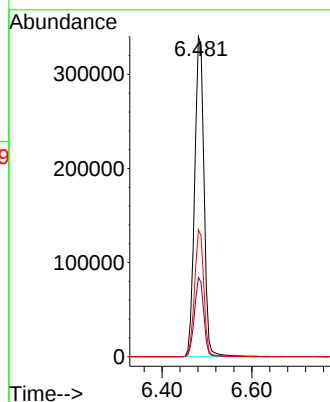
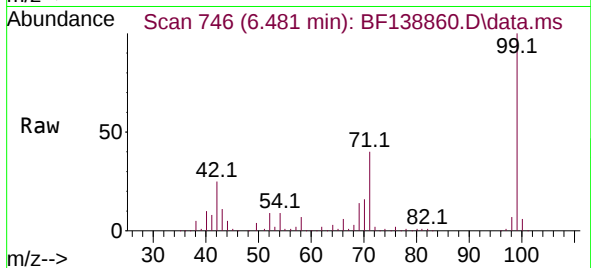




#7
Phenol-d6
Concen: 129.012 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138860.D
Acq: 08 Aug 2024 12:21

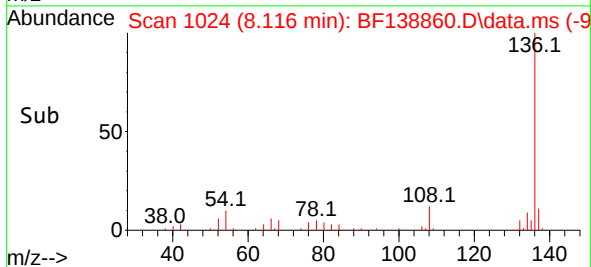
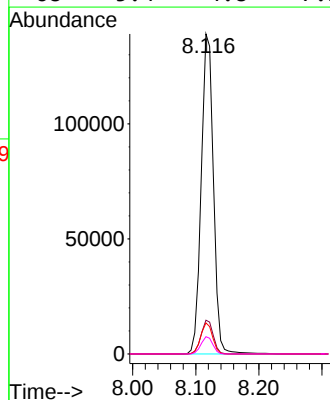
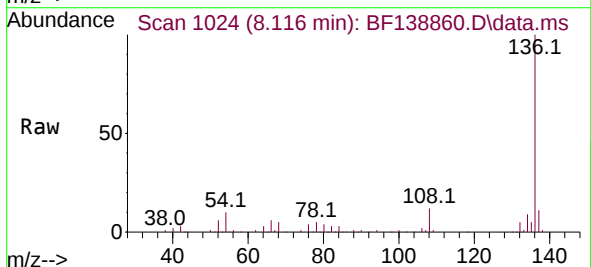
Instrument :
BNA_F
ClientSampleId :
PB162342BL

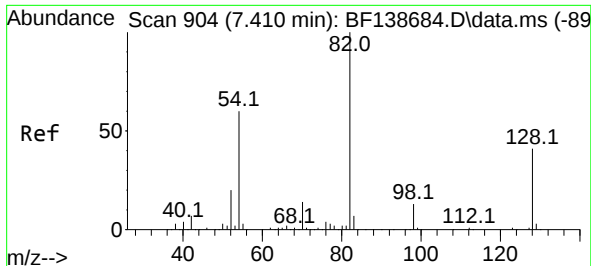
Tgt Ion: 99 Resp: 493921
Ion Ratio Lower Upper
99 100
42 24.7 17.4 26.0
71 39.6 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138860.D
Acq: 08 Aug 2024 12:21

Tgt Ion: 136 Resp: 186487
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.7 8.6 12.8
68 5.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 85.366 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138860.D

Acq: 08 Aug 2024 12:21

Instrument :

BNA_F

ClientSampleId :

PB162342BL

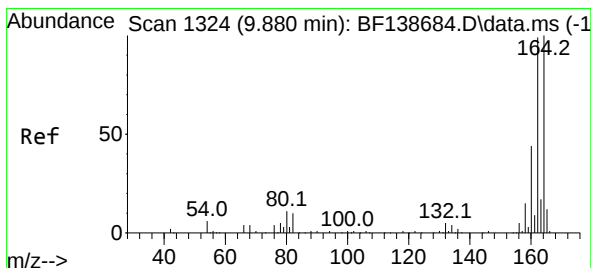
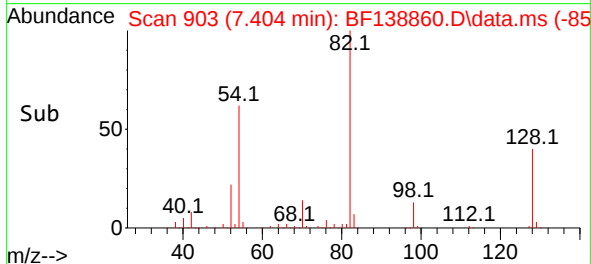
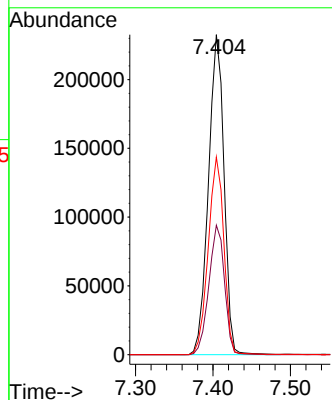
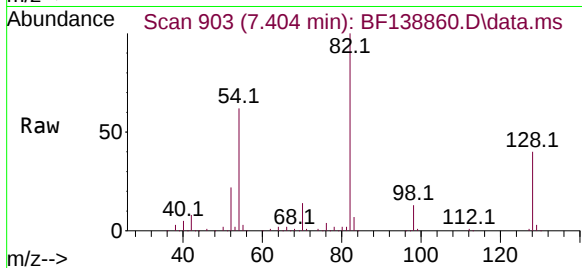
Tgt Ion: 82 Resp: 325613

Ion Ratio Lower Upper

82 100

128 40.4 32.8 49.2

54 61.8 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: BF138860.D

Acq: 08 Aug 2024 12:21

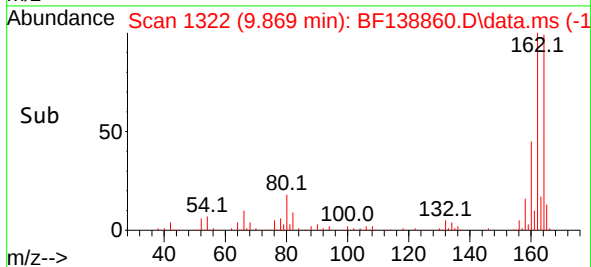
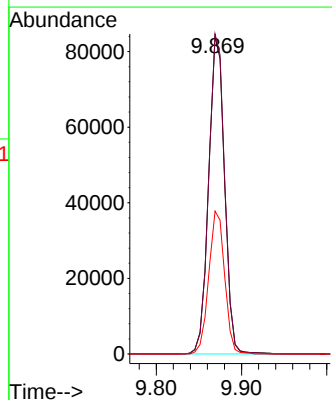
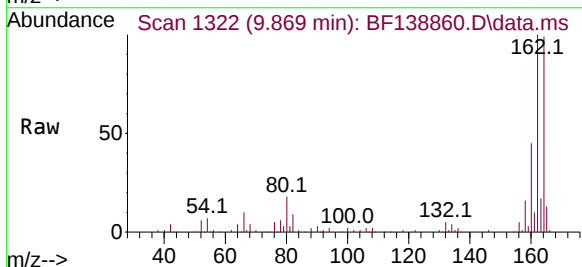
Tgt Ion:164 Resp: 108815

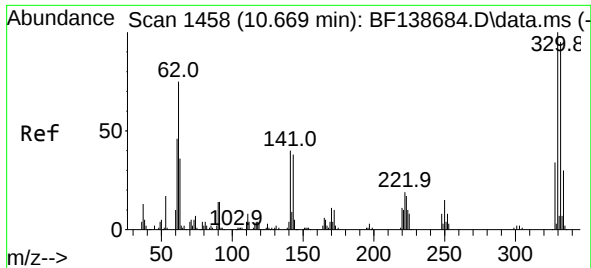
Ion Ratio Lower Upper

164 100

162 100.7 79.4 119.0

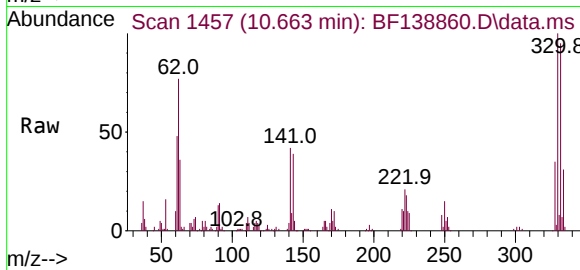
160 45.0 35.1 52.7



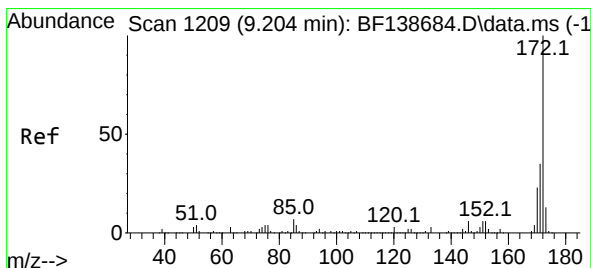
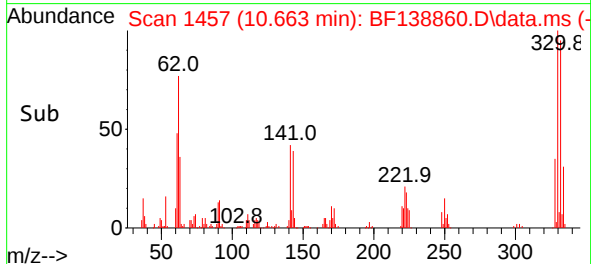
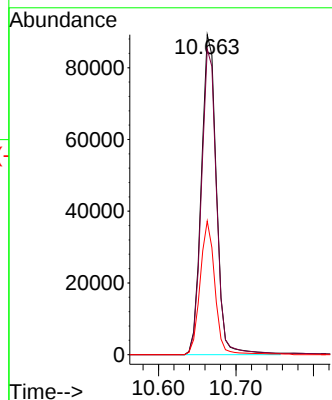


#42
2,4,6-Tribromophenol
Concen: 135.837 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138860.D
Acq: 08 Aug 2024 12:21

Instrument :
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PB162342BL

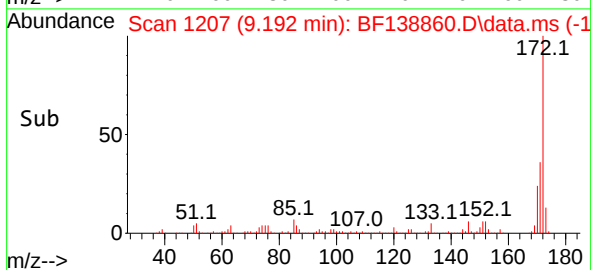
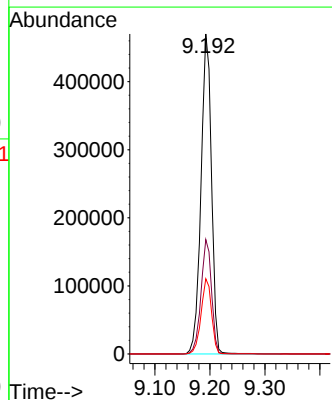
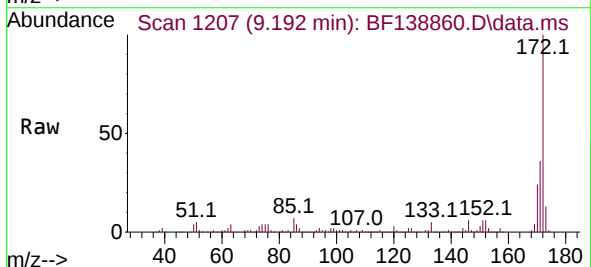


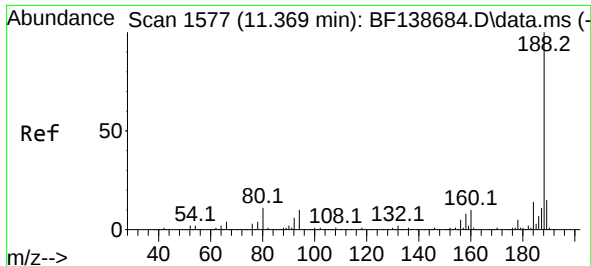
Tgt Ion:330 Resp: 121077
Ion Ratio Lower Upper
330 100
332 96.0 76.4 114.6
141 41.0 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 86.399 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138860.D
Acq: 08 Aug 2024 12:21

Tgt Ion:172 Resp: 625729
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.5 18.8 28.2

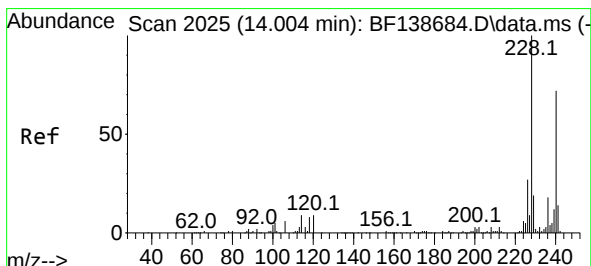
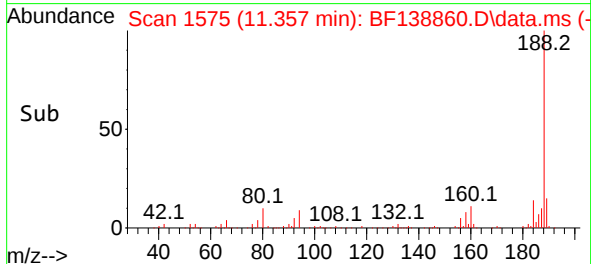
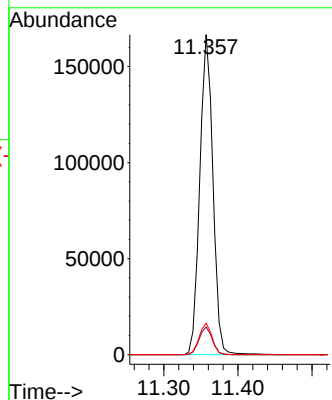
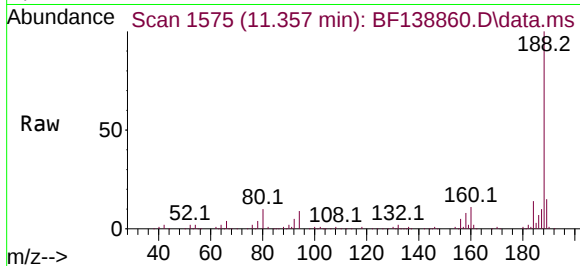




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138860.D
Acq: 08 Aug 2024 12:21

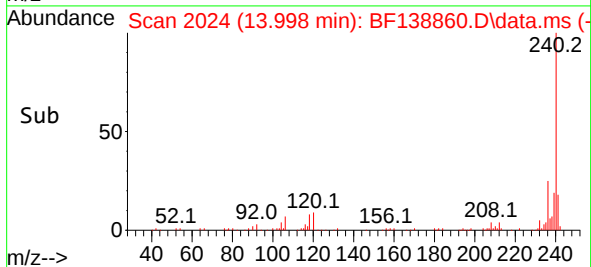
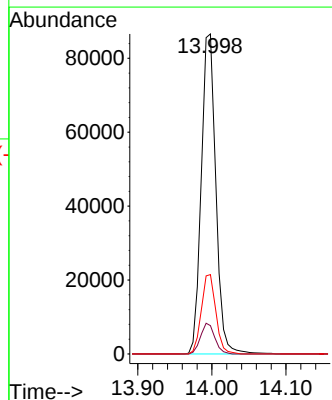
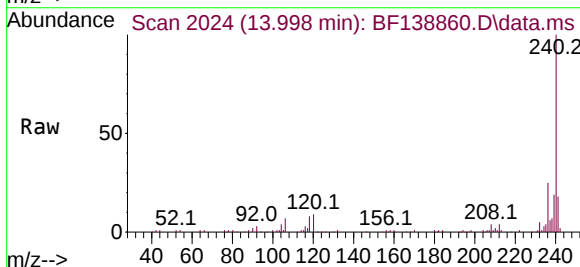
Instrument :
BNA_F
ClientSampleId :
PB162342BL

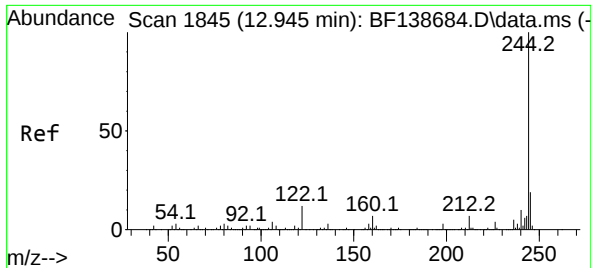
Tgt Ion:188 Resp: 205081
Ion Ratio Lower Upper
188 100
94 8.6 7.6 11.4
80 9.8 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138860.D
Acq: 08 Aug 2024 12:21

Tgt Ion:240 Resp: 118845
Ion Ratio Lower Upper
240 100
120 8.8 10.2 15.4#
236 24.8 19.8 29.8

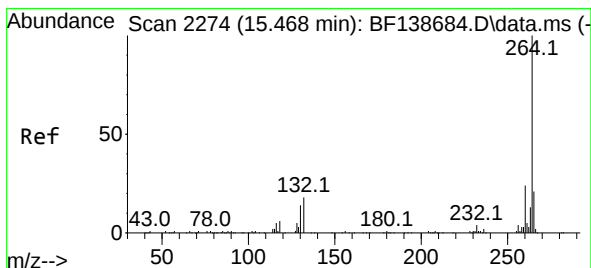
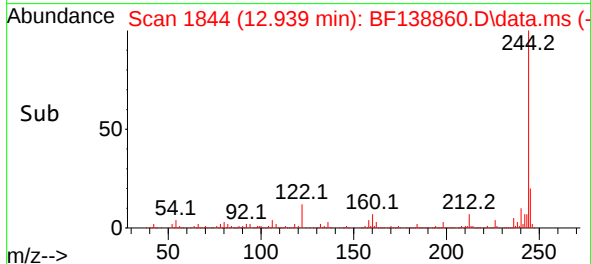
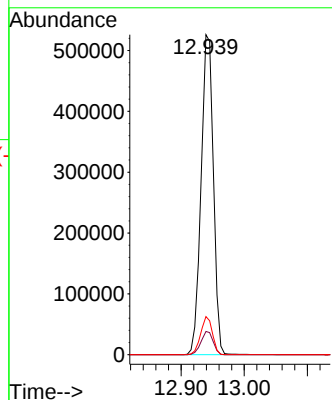
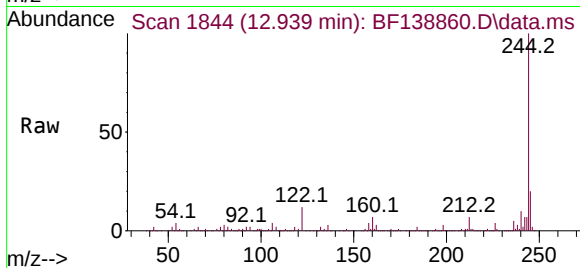




#79
 Terphenyl-d14
 Concen: 100.563 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138860.D
 Acq: 08 Aug 2024 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB162342BL

Tgt Ion:244 Resp: 713829
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 11.9 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: BF138860.D
 Acq: 08 Aug 2024 12:21

Tgt Ion:264 Resp: 82017
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.9 17.0 25.6

