

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
Data File : BF138880.D
Acq On : 09 Aug 2024 10:19
Operator : RC/JU
Sample : PB162421BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB162421BL

Quant Time: Aug 09 10:53:17 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	6.839	152	53191	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	228290	20.000	ng	# 0.00
39) Acenaphthene-d10	9.874	164	132774	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	250338	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	153257	20.000	ng	0.00
86) Perylene-d12	15.462	264	107984	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	462810	134.312	ng	0.01
7) Phenol-d6	6.486	99	619741	133.960	ng	0.00
23) Nitrobenzene-d5	7.404	82	405924	86.934	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	159332	146.499	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	776180	87.834	ng	0.00
79) Terphenyl-d14	12.945	244	968492	105.804	ng	0.00

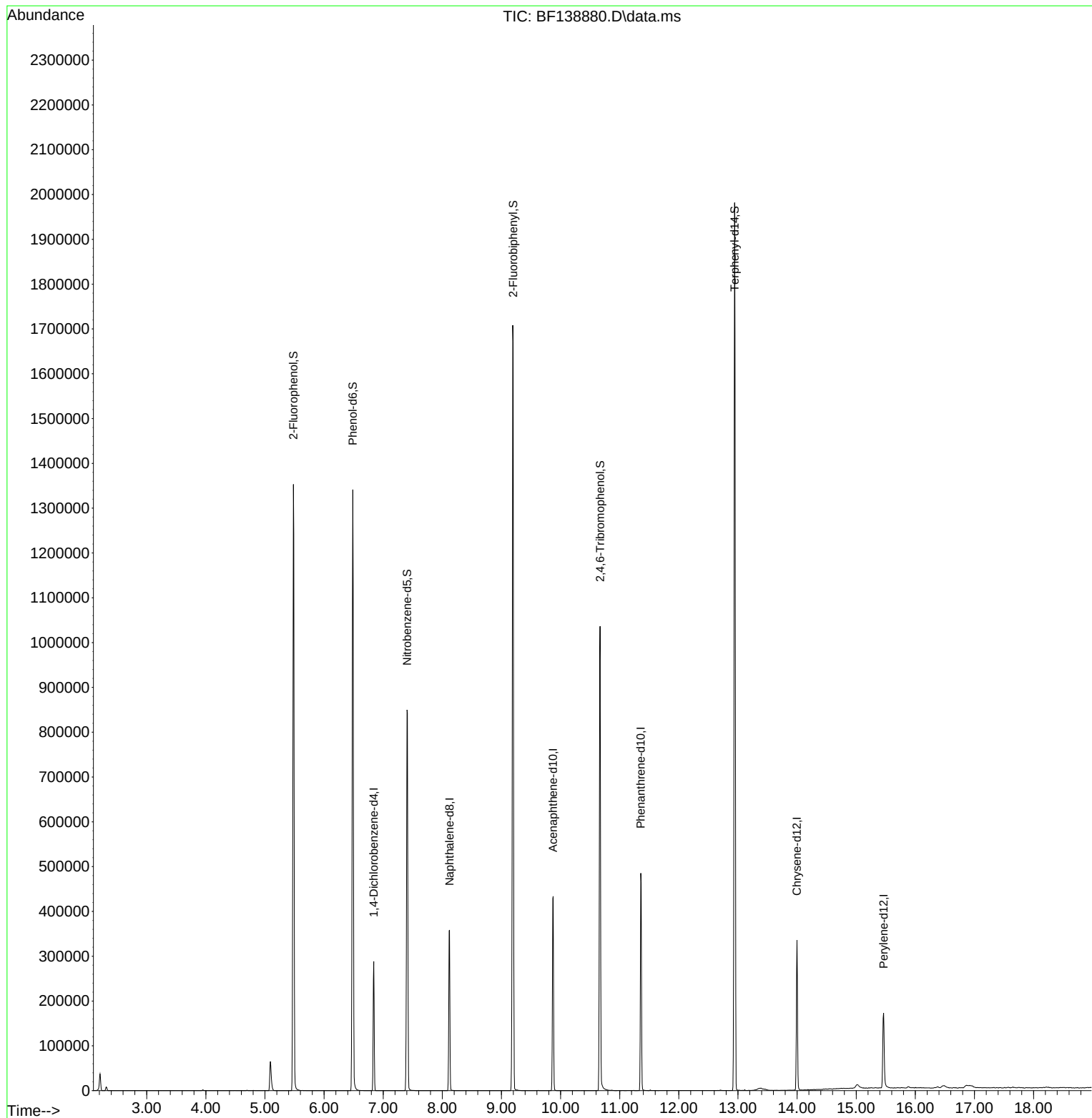
Target Compounds	Qvalue

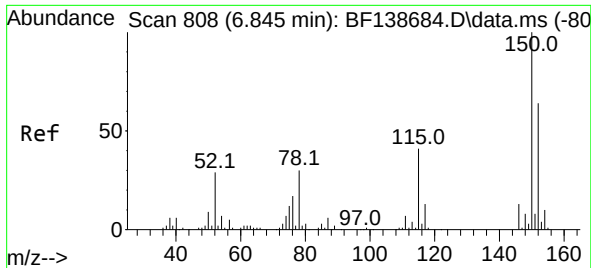
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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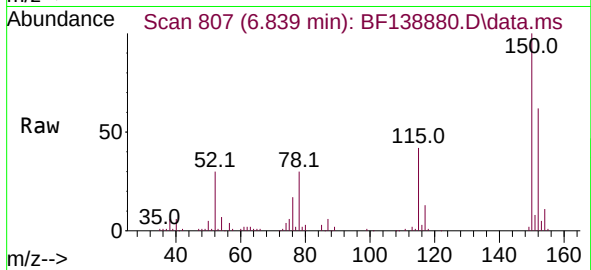
Quant Time: Aug 09 10:53:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



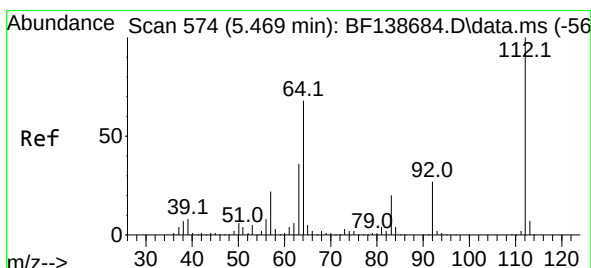
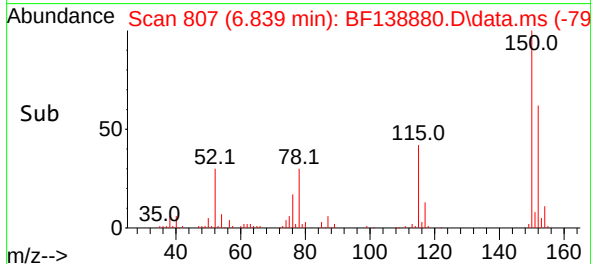
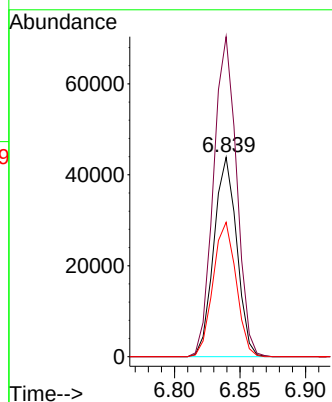


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19

Instrument :
BNA_F
ClientSampleId :
PB162421BL

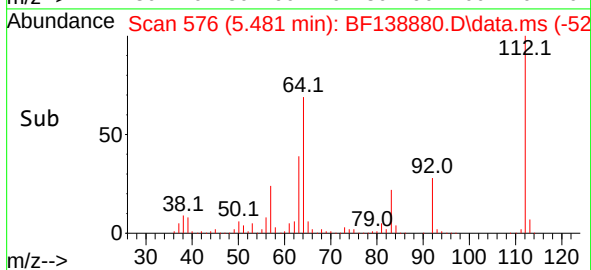
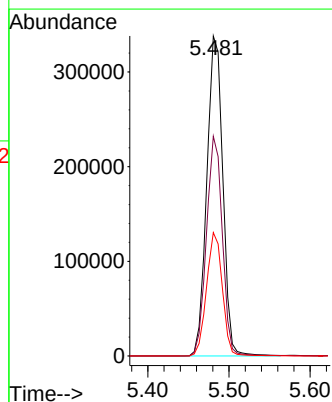
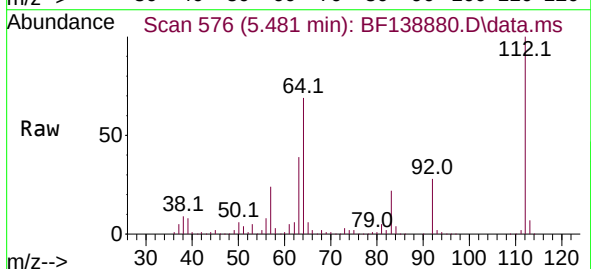


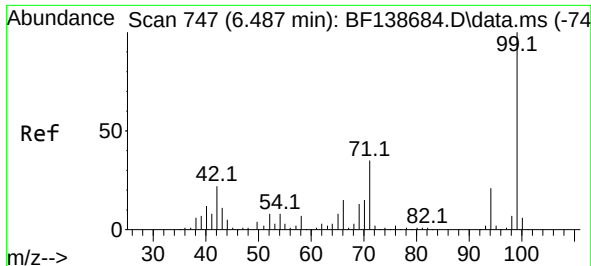
Tgt Ion:152 Resp: 53191
Ion Ratio Lower Upper
152 100
150 160.5 126.0 189.0
115 67.4 51.7 77.5



#5
2-Fluorophenol
Concen: 134.312 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19

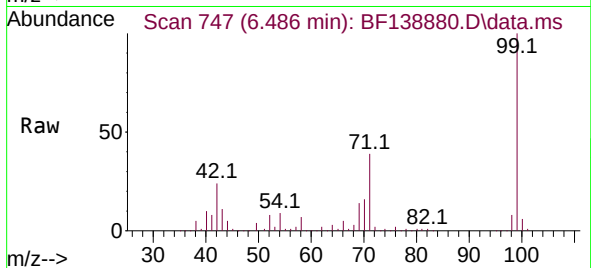
Tgt Ion:112 Resp: 462810
Ion Ratio Lower Upper
112 100
64 68.7 54.2 81.4
63 38.6 28.7 43.1



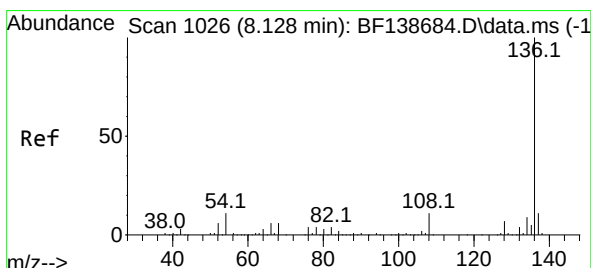
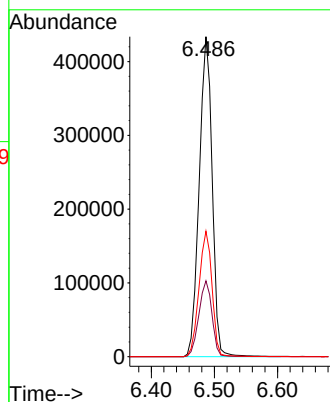
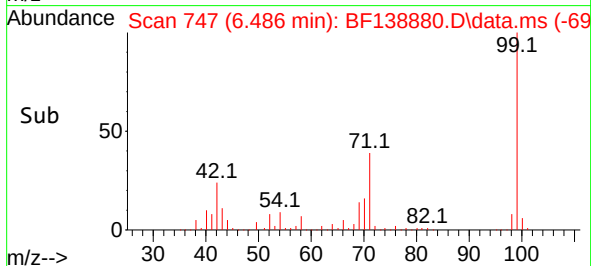


#7
Phenol-d6
Concen: 133.960 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19

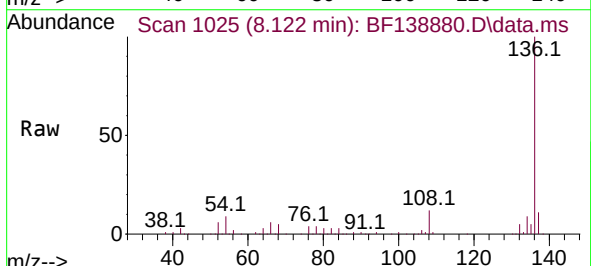
Instrument :
BNA_F
ClientSampleId :
PB162421BL



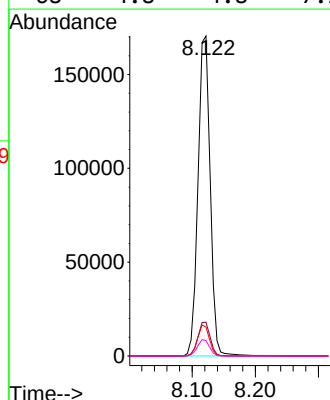
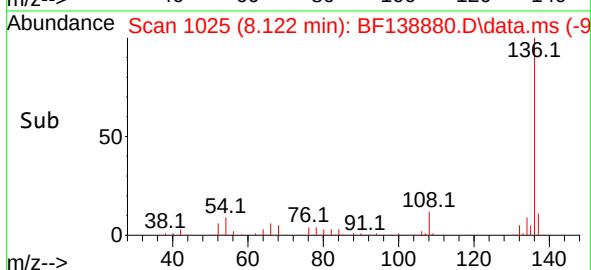
Tgt Ion: 99 Resp: 619741
Ion Ratio Lower Upper
99 100
42 23.7 17.4 26.0
71 39.2 28.1 42.1

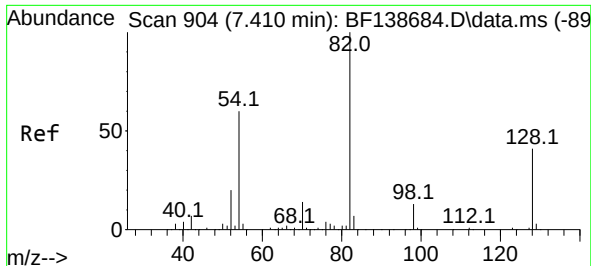


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19



Tgt Ion: 136 Resp: 228290
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.0 8.6 12.8
68 4.8 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 86.934 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138880.D

Acq: 09 Aug 2024 10:19

Instrument :

BNA_F

ClientSampleId :

PB162421BL

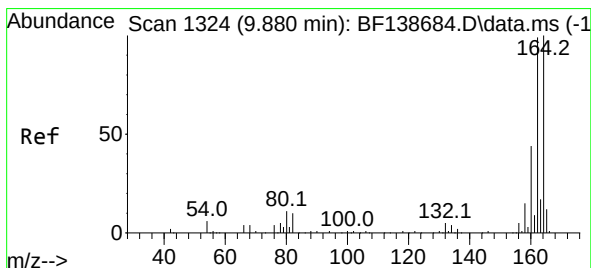
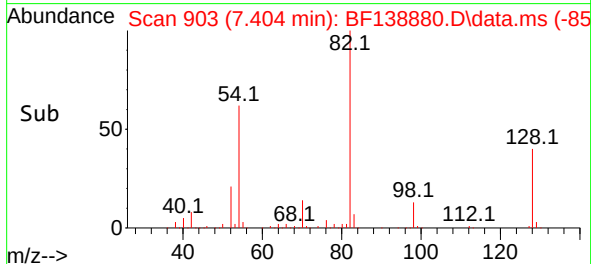
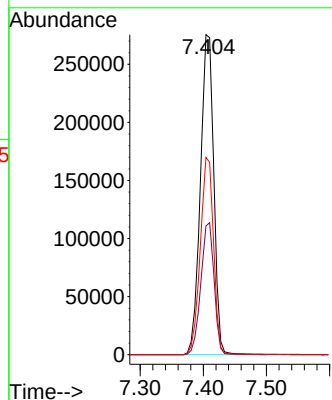
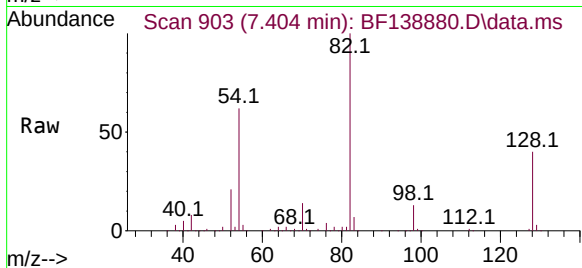
Tgt Ion: 82 Resp: 405924

Ion Ratio Lower Upper

82 100

128 40.2 32.8 49.2

54 61.7 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF138880.D

Acq: 09 Aug 2024 10:19

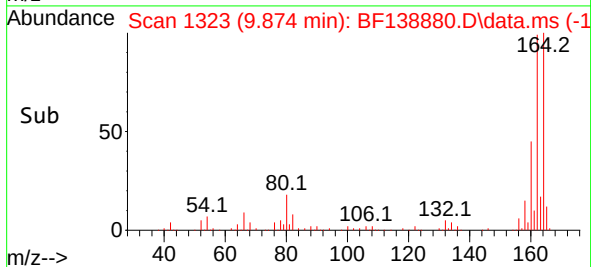
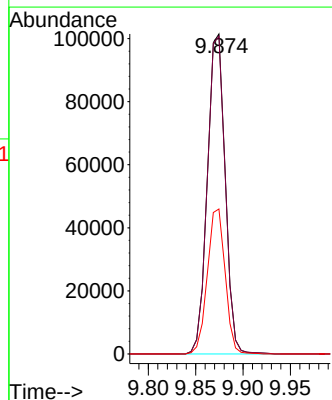
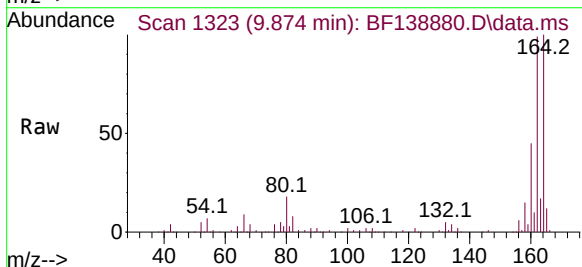
Tgt Ion:164 Resp: 132774

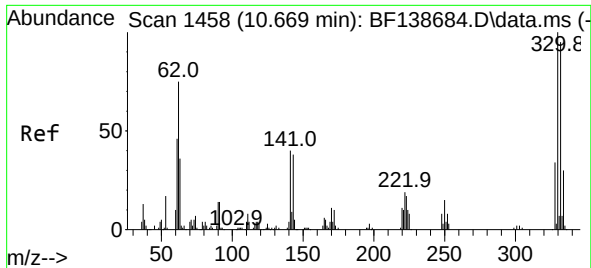
Ion Ratio Lower Upper

164 100

162 99.3 79.4 119.0

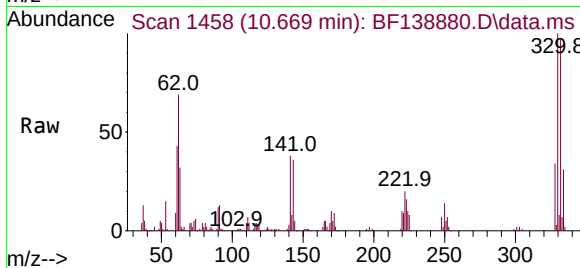
160 45.3 35.1 52.7



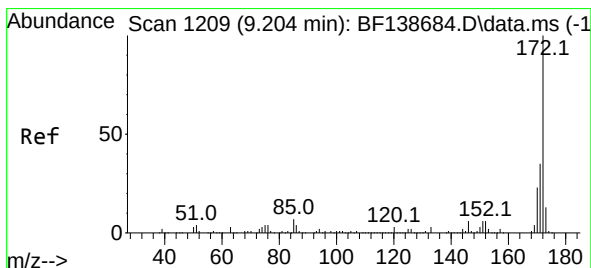
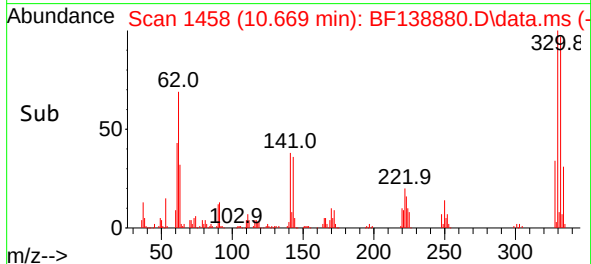
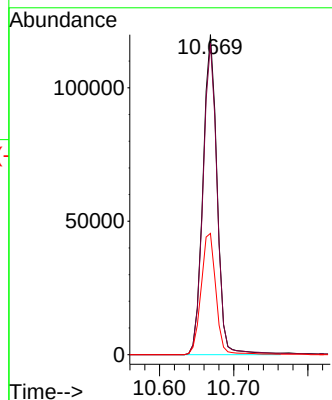


#42
2,4,6-Tribromophenol
Concen: 146.499 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19

Instrument :
BNA_F
ClientSampleId :
PB162421BL

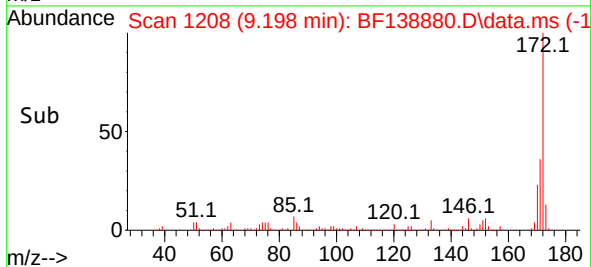
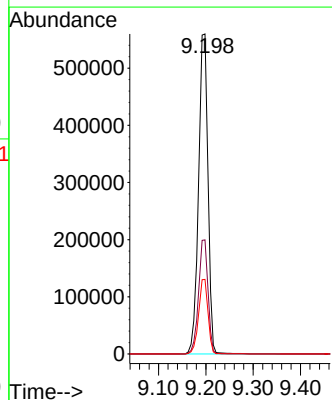
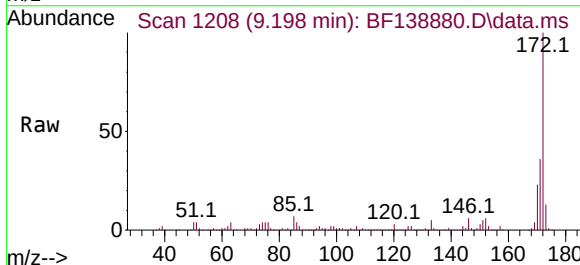


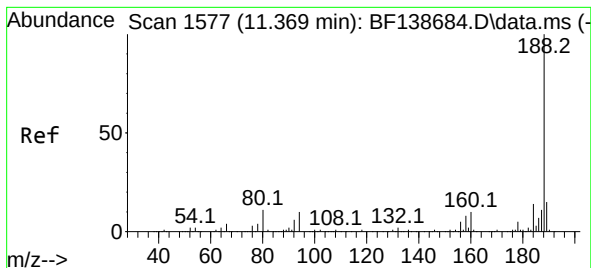
Tgt Ion:330 Resp: 159332
Ion Ratio Lower Upper
330 100
332 98.5 76.4 114.6
141 40.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 87.834 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19

Tgt Ion:172 Resp: 776180
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.3 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: BF138880.D

Acq: 09 Aug 2024 10:19

Instrument :

BNA_F

ClientSampleId :

PB162421BL

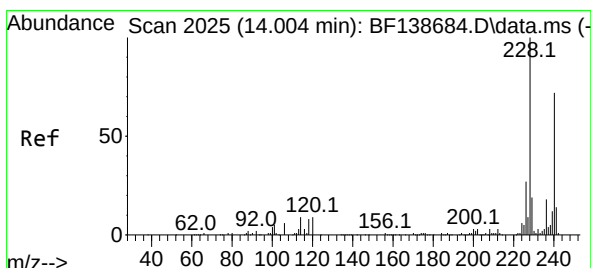
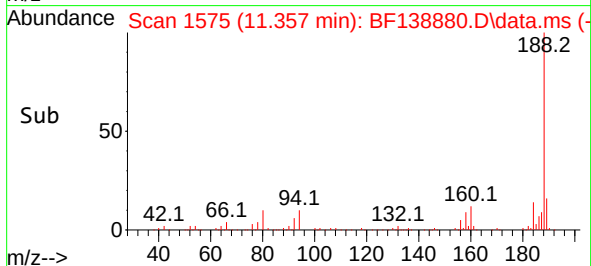
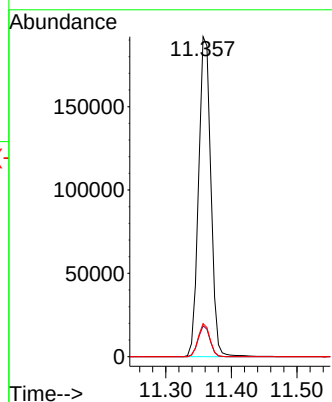
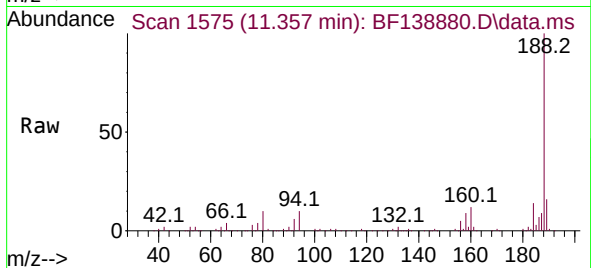
Tgt Ion:188 Resp: 250338

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.4 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: BF138880.D

Acq: 09 Aug 2024 10:19

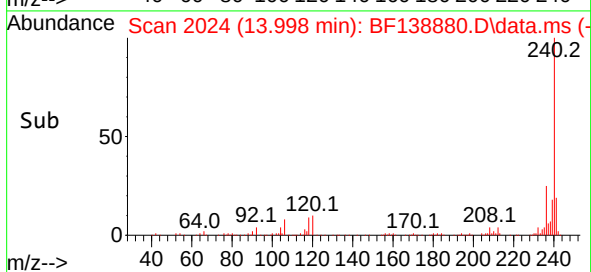
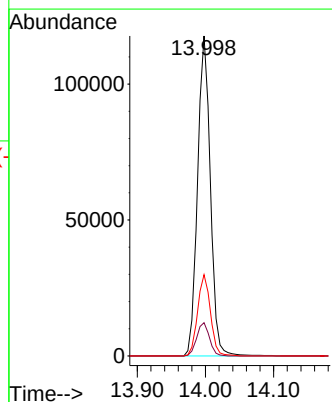
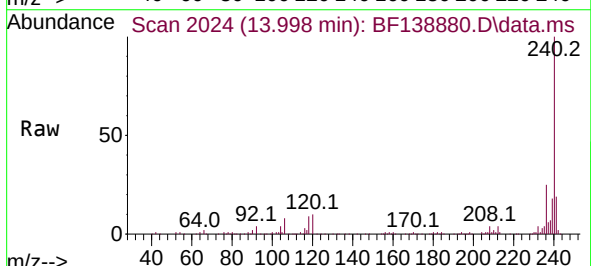
Tgt Ion:240 Resp: 153257

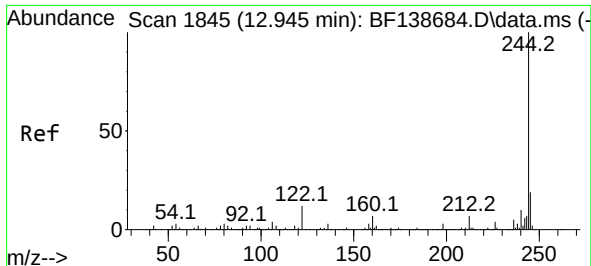
Ion Ratio Lower Upper

240 100

120 10.4 10.2 15.4

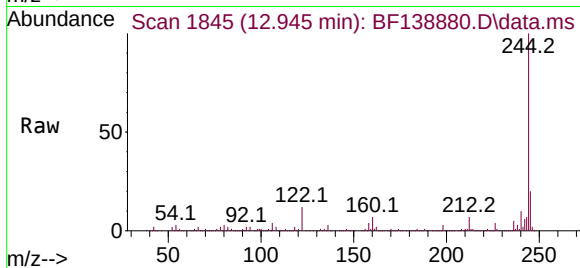
236 25.4 19.8 29.8



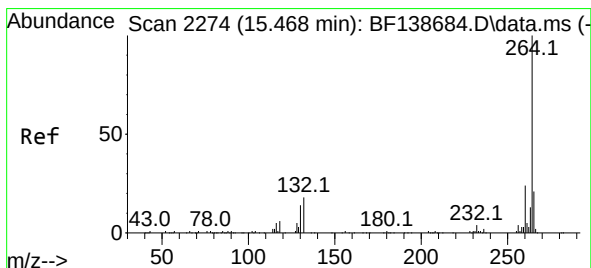
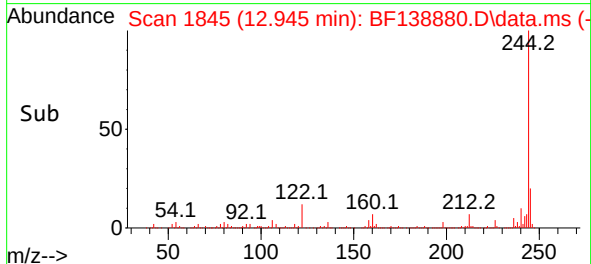
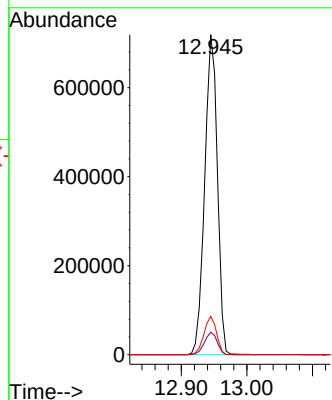


#79
Terphenyl-d14
Concen: 105.804 ng
RT: 12.945 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19

Instrument :
BNA_F
ClientSampleId :
PB162421BL



Tgt Ion:244 Resp: 968492
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.9 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138880.D
Acq: 09 Aug 2024 10:19

Tgt Ion:264 Resp: 107984
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.2 17.0 25.6

