

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138775.D
 Acq On : 03 Aug 2024 17:48
 Operator : RC/JU
 Sample : P3448-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP5

Quant Time: Aug 05 00:53:30 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	6.845	152	42357	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	169939	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	94125	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	151769	20.000	ng	0.00
76) Chrysene-d12	14.004	240	76982	20.000	ng	0.00
86) Perylene-d12	15.474	264	91479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	341887	124.597	ng	0.02
7) Phenol-d6	6.487	99	425753	115.567	ng	0.00
23) Nitrobenzene-d5	7.410	82	319526	91.927	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	112618	146.066	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	590294	94.227	ng	0.00
79) Terphenyl-d14	12.951	244	505362	109.910	ng	0.00

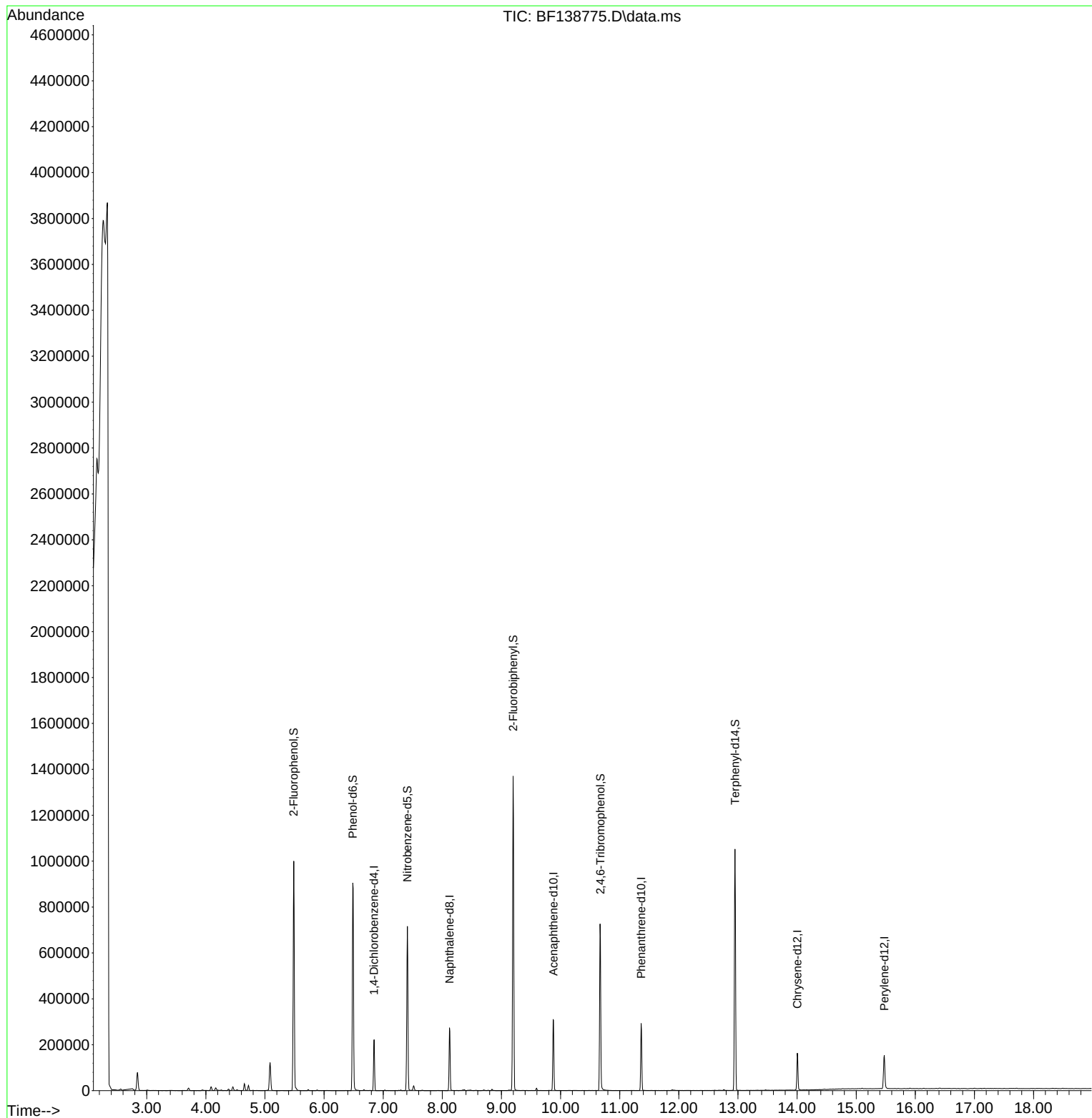
Target Compounds	Qvalue

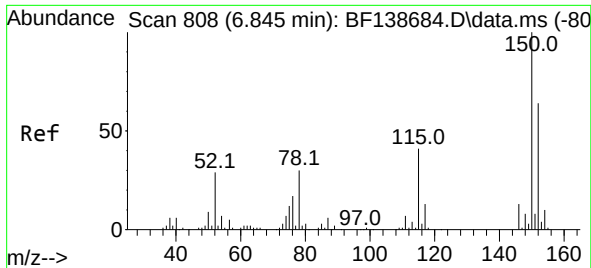
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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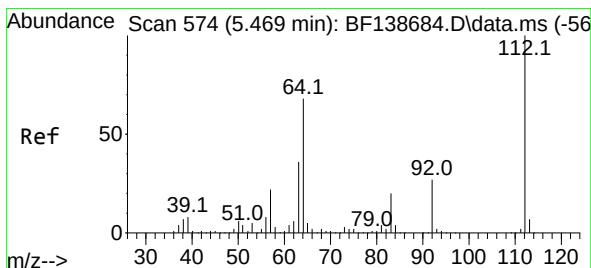
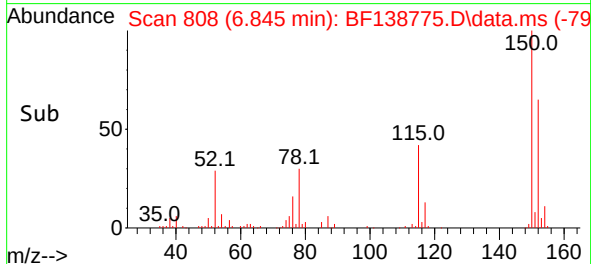
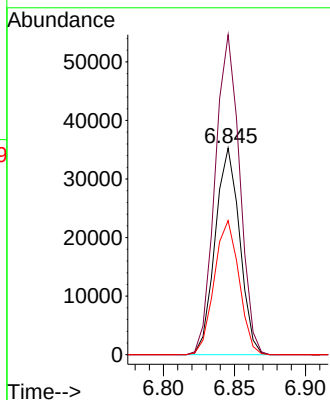
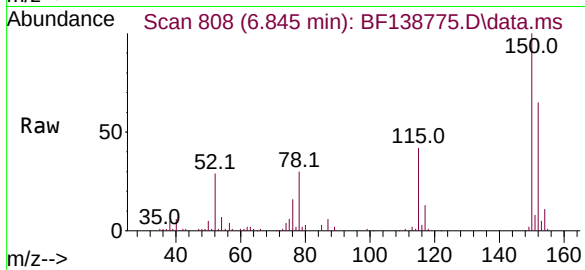




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138775.D
Acq: 03 Aug 2024 17:48

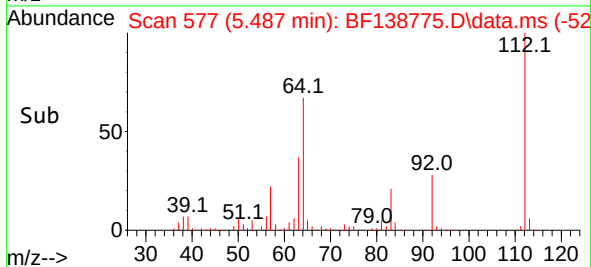
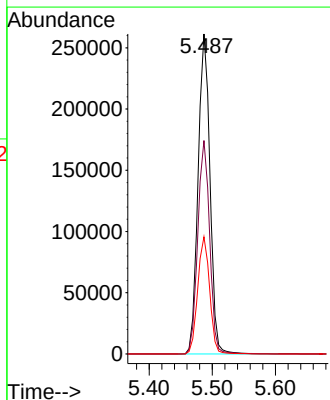
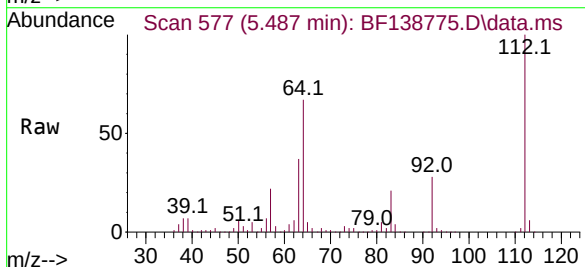
Instrument :
BNA_F
ClientSampleId :
TP5

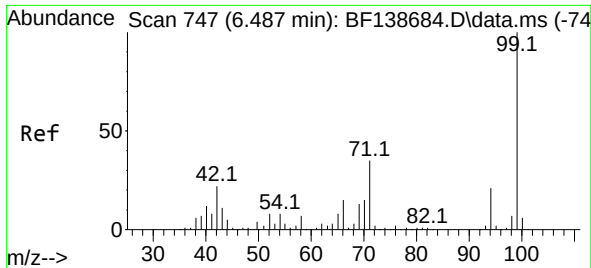
Tgt Ion:152 Resp: 42357
Ion Ratio Lower Upper
152 100
150 154.8 126.0 189.0
115 64.8 51.7 77.5



#5
2-Fluorophenol
Concen: 124.597 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138775.D
Acq: 03 Aug 2024 17:48

Tgt Ion:112 Resp: 341887
Ion Ratio Lower Upper
112 100
64 66.7 54.2 81.4
63 36.6 28.7 43.1

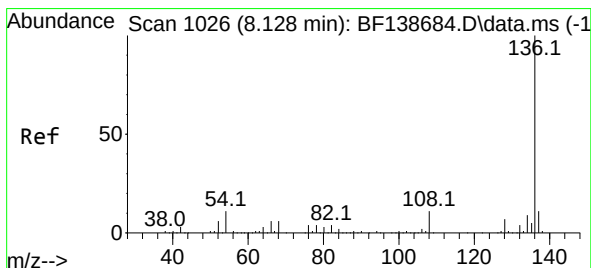
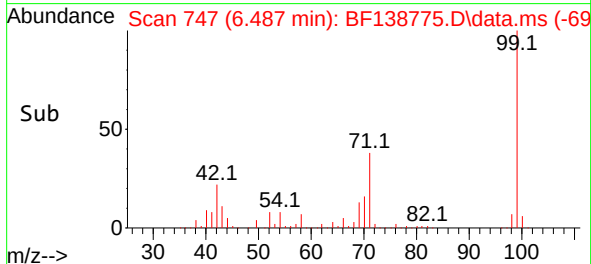
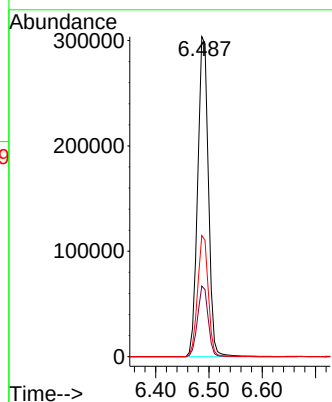
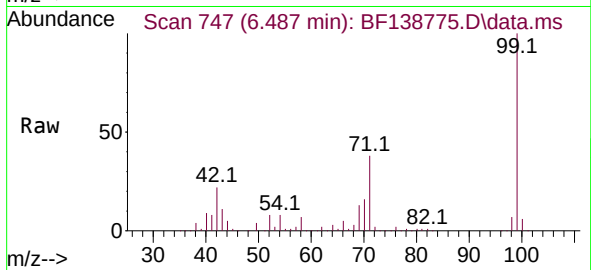




#7
Phenol-d6
Concen: 115.567 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138775.D
Acq: 03 Aug 2024 17:48

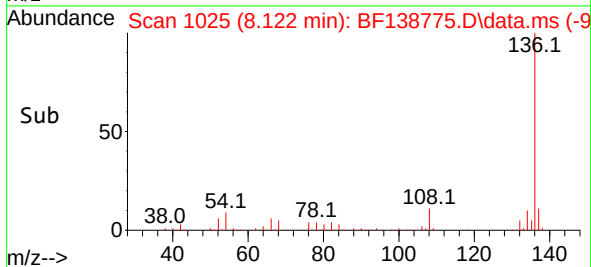
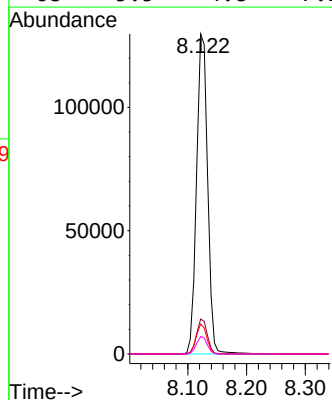
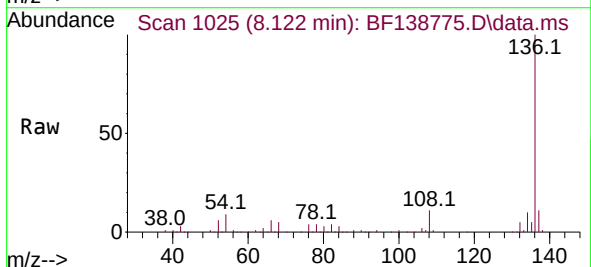
Instrument :
BNA_F
ClientSampleId :
TP5

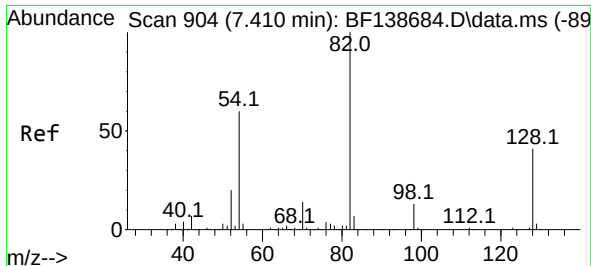
Tgt Ion: 99 Resp: 425753
Ion Ratio Lower Upper
99 100
42 22.1 17.4 26.0
71 37.9 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138775.D
Acq: 03 Aug 2024 17:48

Tgt Ion: 136 Resp: 169939
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.4 8.6 12.8
68 5.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 91.927 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138775.D

Acq: 03 Aug 2024 17:48

Instrument :

BNA_F

ClientSampleId :

TP5

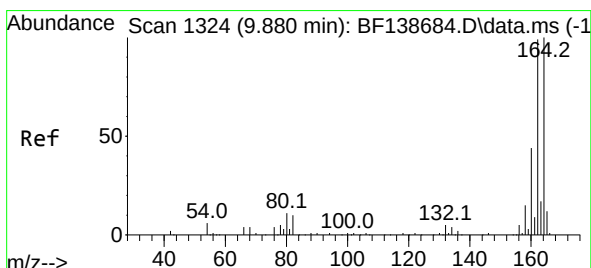
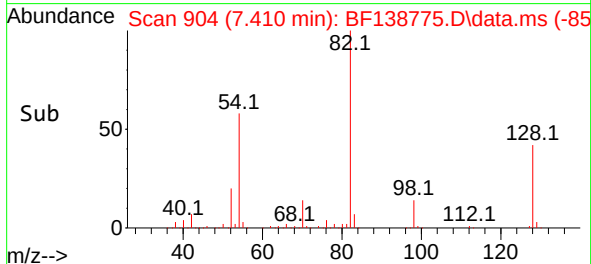
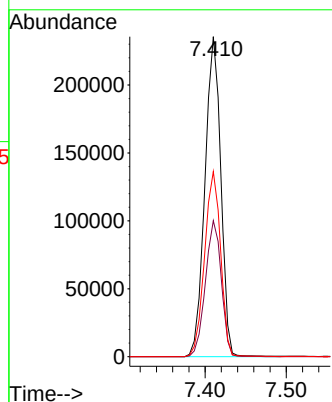
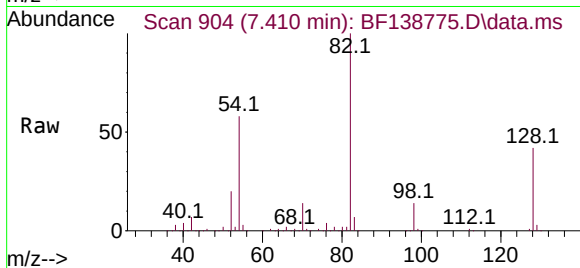
Tgt Ion: 82 Resp: 319526

Ion Ratio Lower Upper

82 100

128 42.5 32.8 49.2

54 57.9 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF138775.D

Acq: 03 Aug 2024 17:48

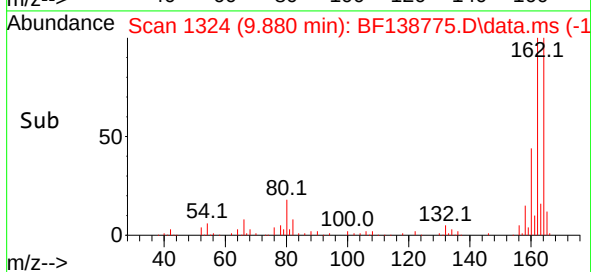
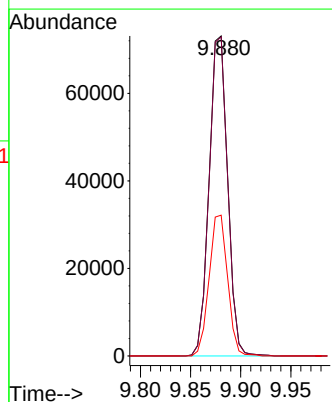
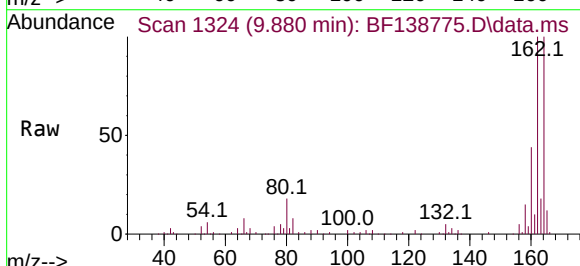
Tgt Ion:164 Resp: 94125

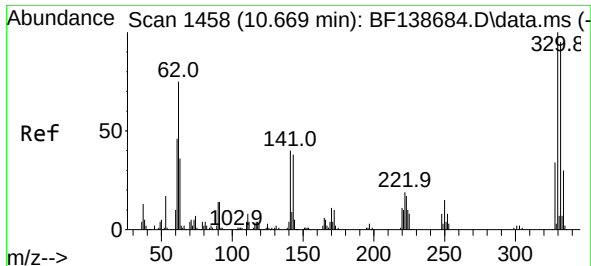
Ion Ratio Lower Upper

164 100

162 99.7 79.4 119.0

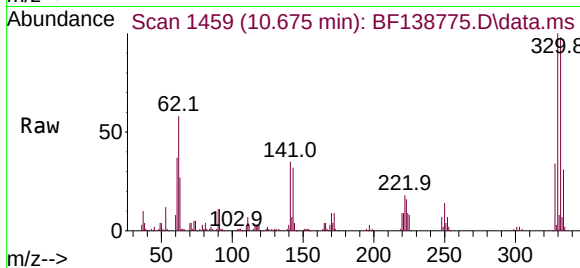
160 44.0 35.1 52.7



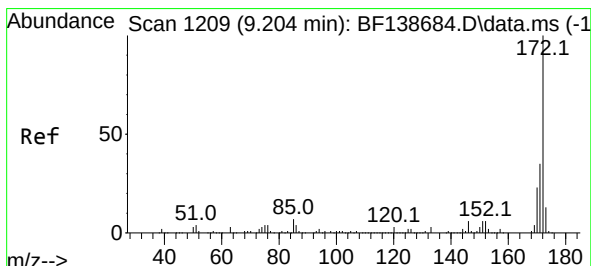
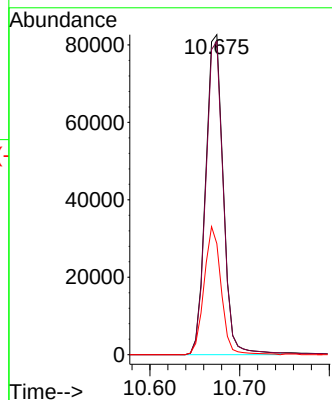
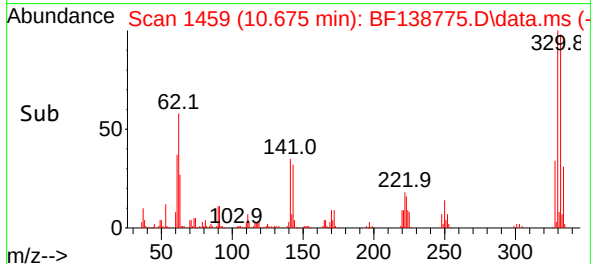


#42
2,4,6-Tribromophenol
Concen: 146.066 ng
RT: 10.675 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF138775.D
Acq: 03 Aug 2024 17:48

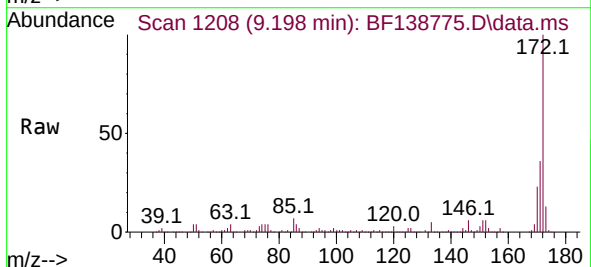
Instrument :
BNA_F
ClientSampleId :
TP5



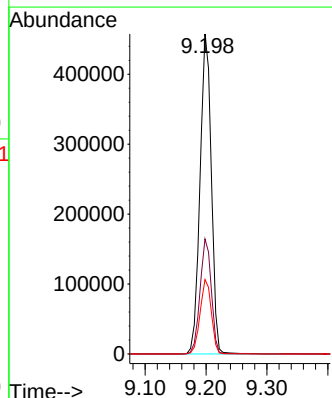
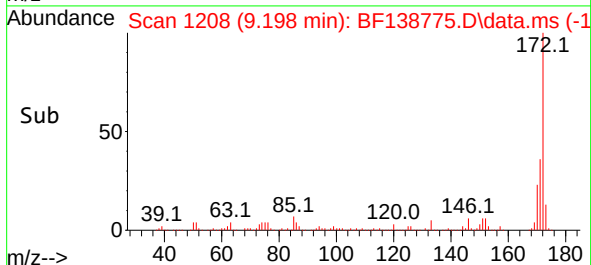
Tgt Ion:330 Resp: 112618
Ion Ratio Lower Upper
330 100
332 98.0 76.4 114.6
141 38.8 31.1 46.7

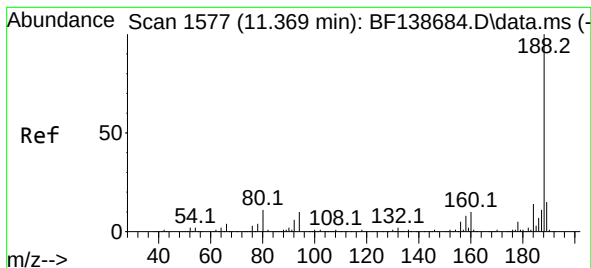


#45
2-Fluorobiphenyl
Concen: 94.227 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138775.D
Acq: 03 Aug 2024 17:48



Tgt Ion:172 Resp: 590294
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.3 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138775.D

Acq: 03 Aug 2024 17:48

Instrument :

BNA_F

ClientSampleId :

TP5

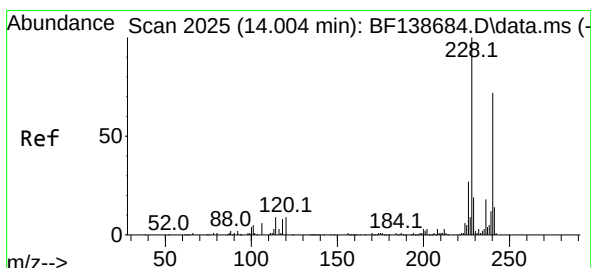
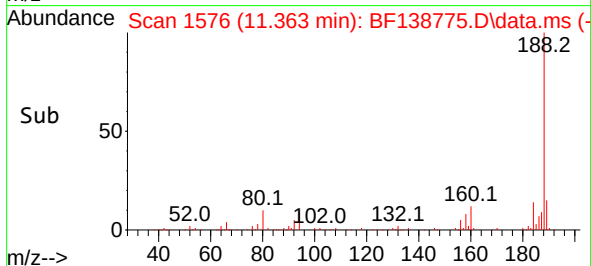
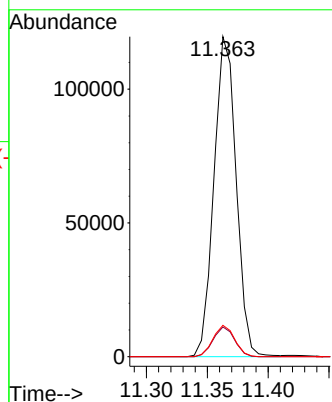
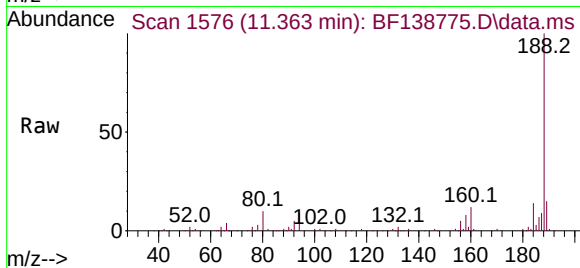
Tgt Ion:188 Resp: 151769

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 9.8 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138775.D

Acq: 03 Aug 2024 17:48

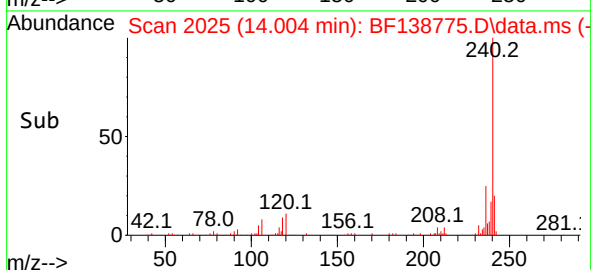
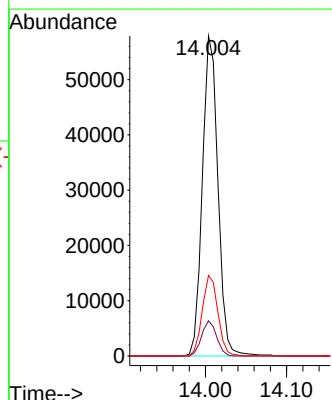
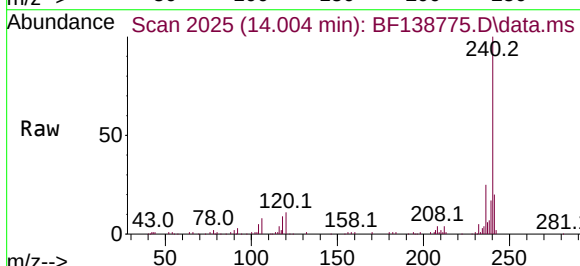
Tgt Ion:240 Resp: 76982

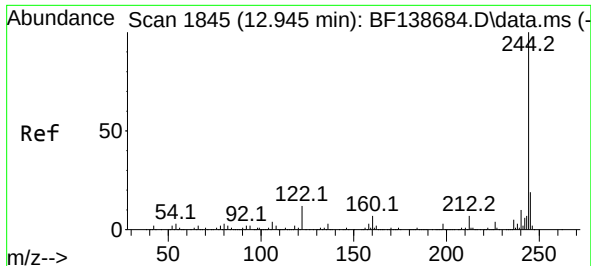
Ion Ratio Lower Upper

240 100

120 11.0 10.2 15.4

236 25.1 19.8 29.8

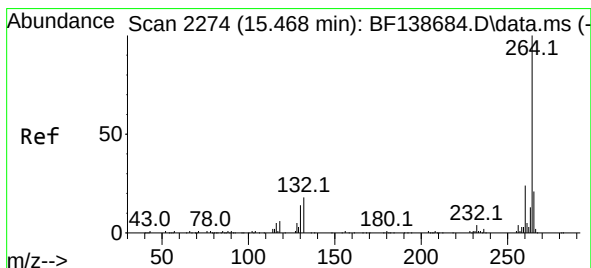
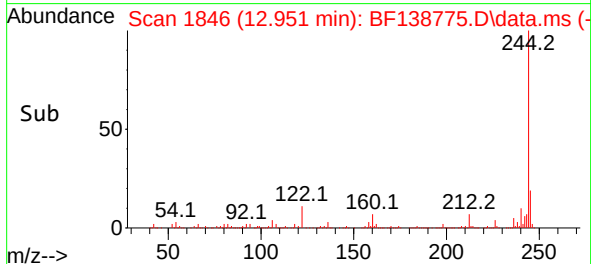
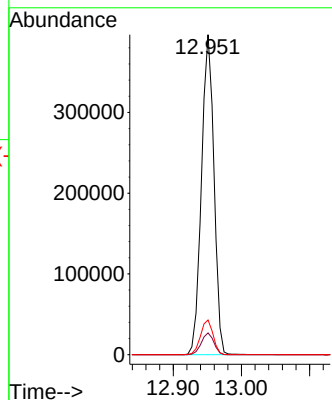
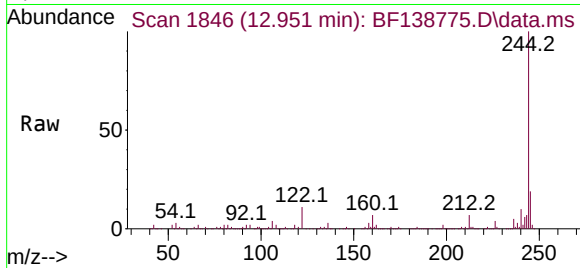




#79
 Terphenyl-d14
 Concen: 109.910 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF138775.D
 Acq: 03 Aug 2024 17:48

Instrument :
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 TP5

Tgt Ion:244 Resp: 505362
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.9 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. 0.006 min
 Lab File: BF138775.D
 Acq: 03 Aug 2024 17:48

Tgt Ion:264 Resp: 91479
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.6
 265 21.6 17.0 25.6

