

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072224\
 Data File : BF138605.D
 Acq On : 22 Jul 2024 13:40
 Operator : RC/JU
 Sample : PB162075TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162075TB

Quant Time: Jul 22 14:12:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	88170	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	365083	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	194870	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	348569	20.000	ng	0.00
76) Chrysene-d12	14.015	240	201605	20.000	ng	-0.01
86) Perylene-d12	15.480	264	164441	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	701800	126.061	ng	0.00
7) Phenol-d6	6.492	99	934240	126.147	ng	-0.01
23) Nitrobenzene-d5	7.422	82	612804	82.412	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	220891	121.285	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1016642	81.537	ng	-0.01
79) Terphenyl-d14	12.968	244	1089400	88.032	ng	0.00

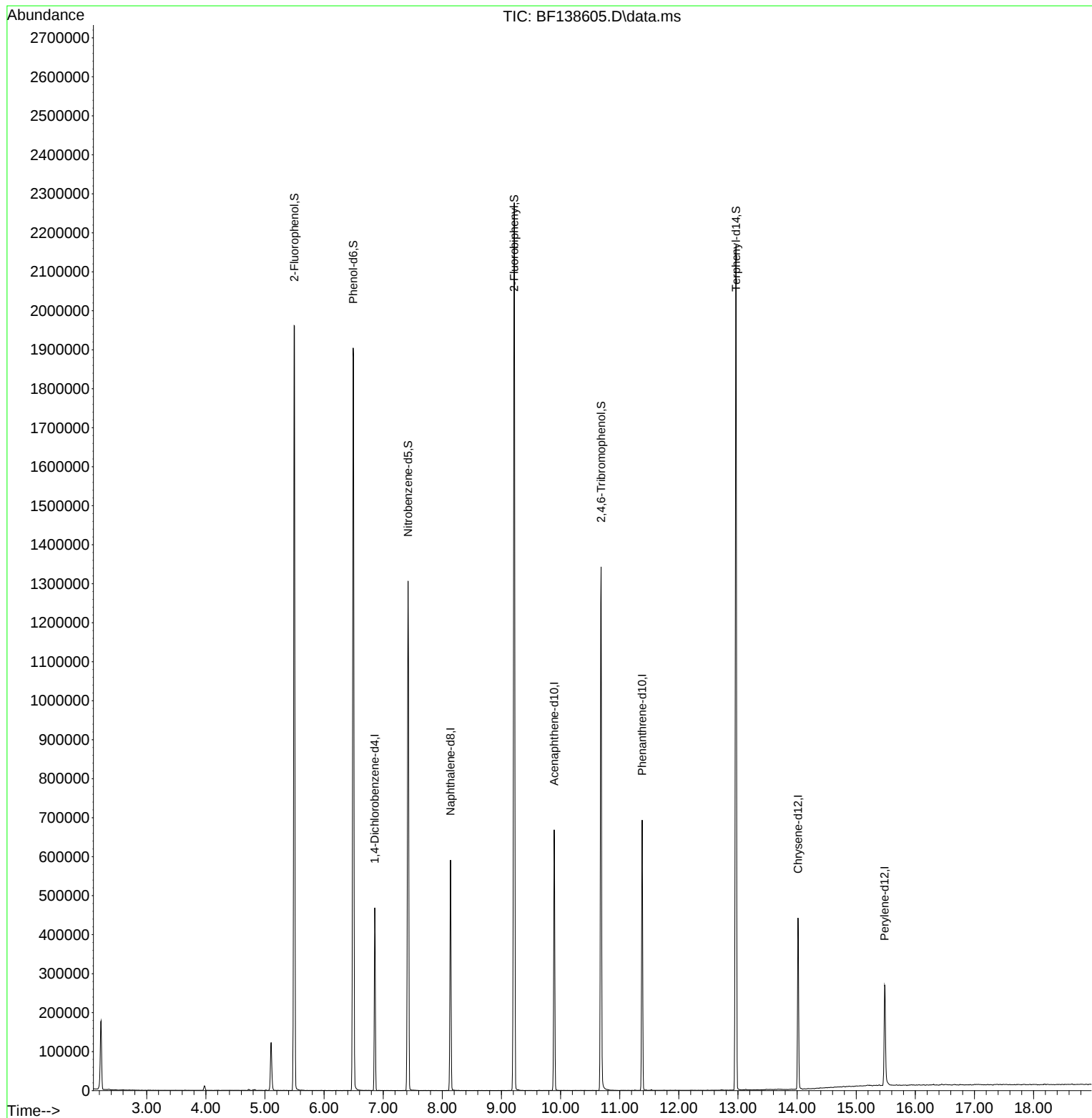
Target Compounds	Qvalue

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

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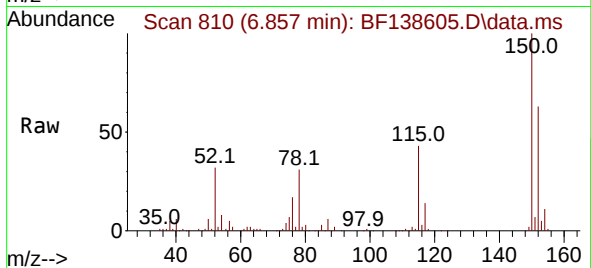
Quant Time: Jul 22 14:12:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
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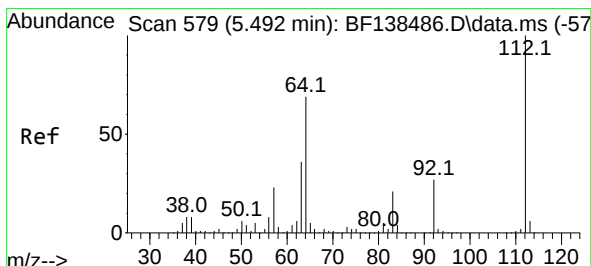
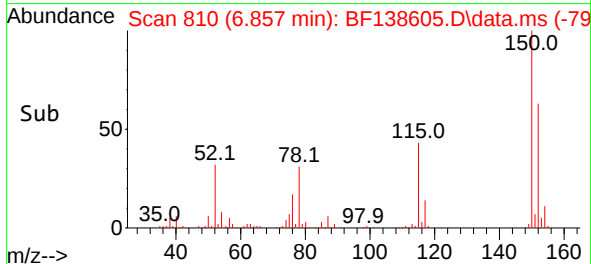
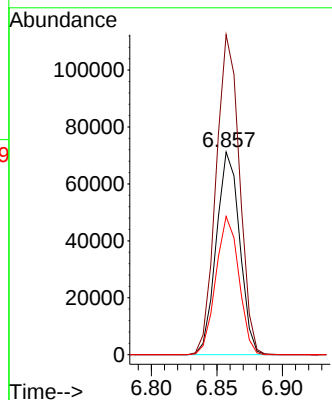


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138605.D
Acq: 22 Jul 2024 13:40

Instrument :
BNA_F
ClientSampleId :
PB162075TB

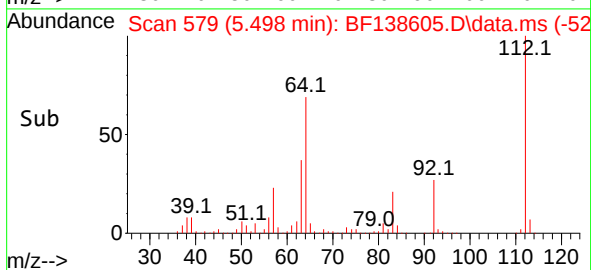
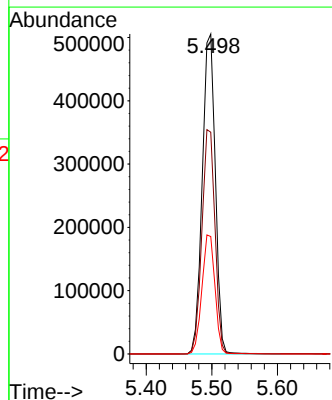
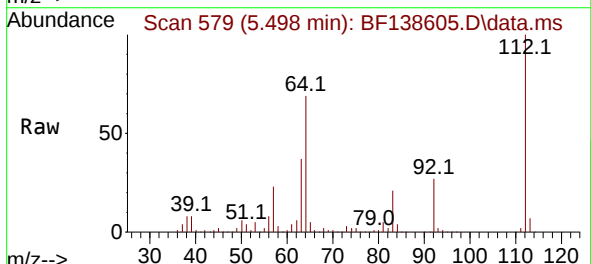


Tgt Ion:152 Resp: 88170
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.4
115 68.2 50.3 75.5



#5
2-Fluorophenol
Concen: 126.061 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF138605.D
Acq: 22 Jul 2024 13:40

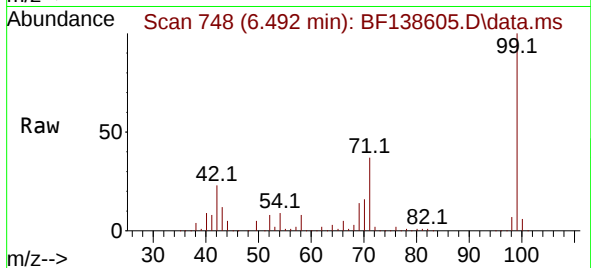
Tgt Ion:112 Resp: 701800
Ion Ratio Lower Upper
112 100
64 69.3 55.1 82.7
63 36.7 29.0 43.6



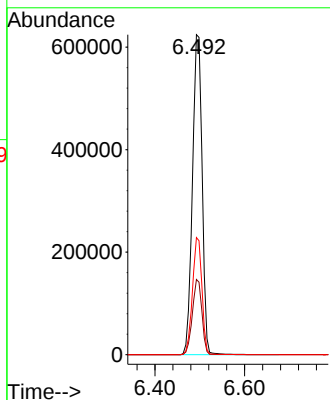
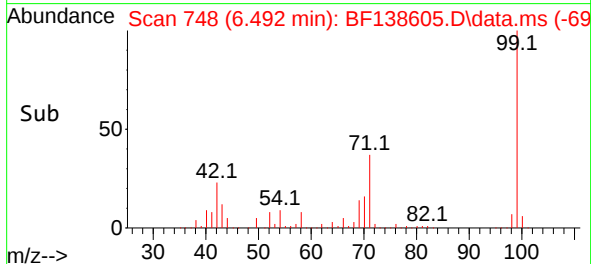


#7
Phenol-d6
Concen: 126.147 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138605.D
Acq: 22 Jul 2024 13:40

Instrument :
BNA_F
ClientSampleId :
PB162075TB

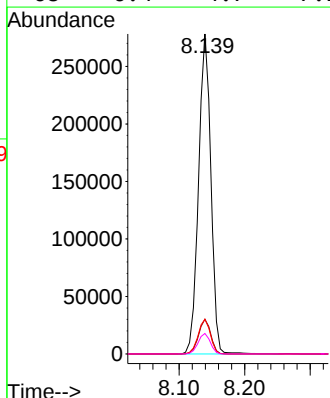
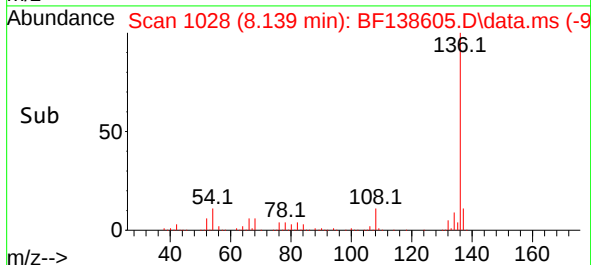
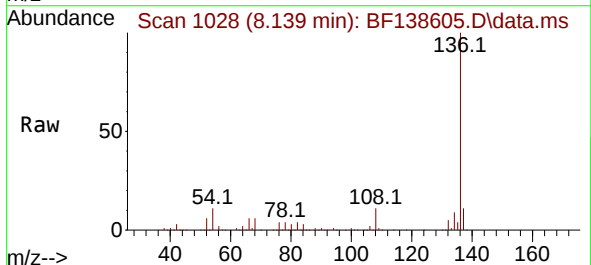


Tgt Ion: 99 Resp: 934240
Ion Ratio Lower Upper
99 100
42 23.5 19.7 29.5
71 36.6 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF138605.D
Acq: 22 Jul 2024 13:40

Tgt Ion: 136 Resp: 365083
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.9 8.1 12.1
68 6.4 4.7 7.1





#23

Nitrobenzene-d5

Concen: 82.412 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138605.D

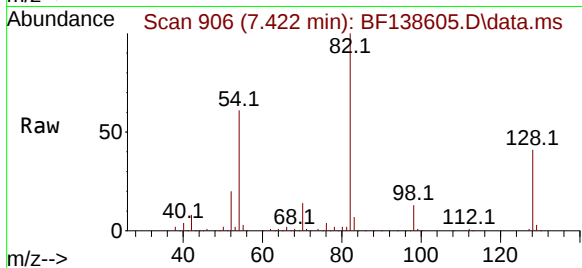
Acq: 22 Jul 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB162075TB



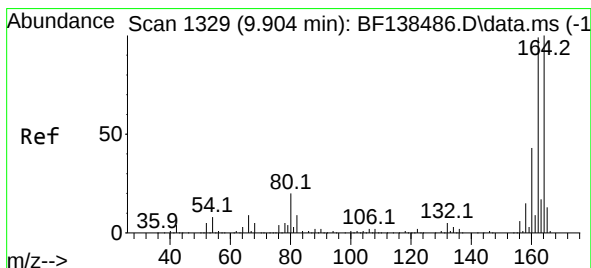
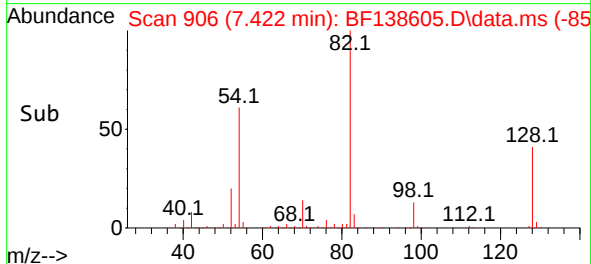
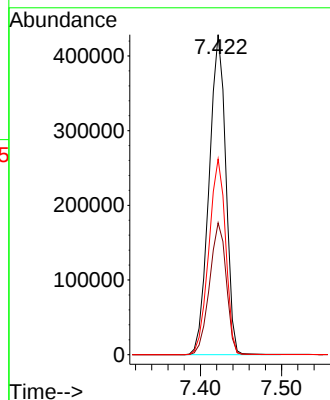
Tgt Ion: 82 Resp: 612804

Ion Ratio Lower Upper

82 100

128 41.2 32.3 48.5

54 61.1 51.4 77.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1326

Delta R.T. -0.012 min

Lab File: BF138605.D

Acq: 22 Jul 2024 13:40

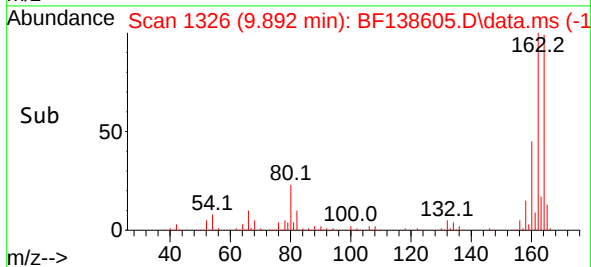
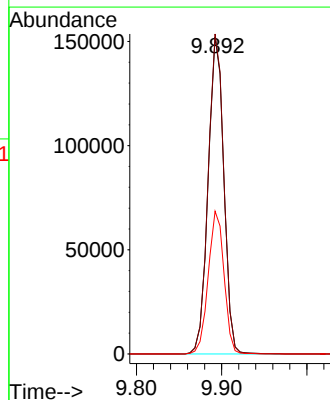
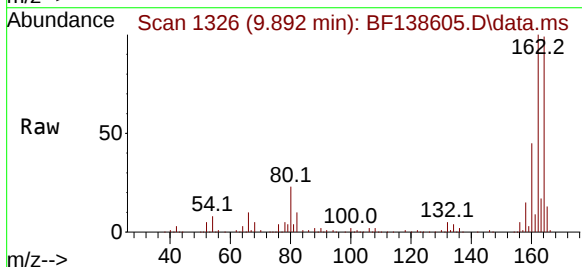
Tgt Ion:164 Resp: 194870

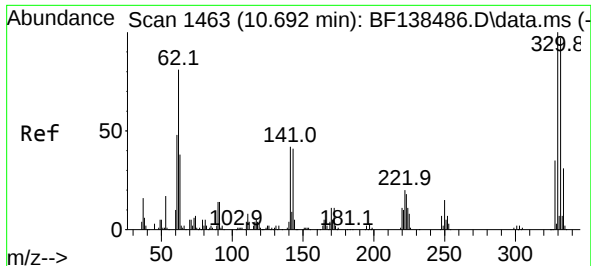
Ion Ratio Lower Upper

164 100

162 100.9 79.0 118.6

160 45.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 121.285 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF138605.D

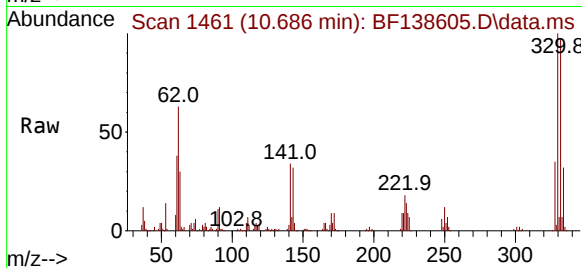
Acq: 22 Jul 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB162075TB



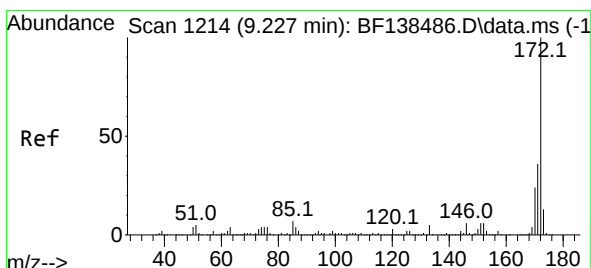
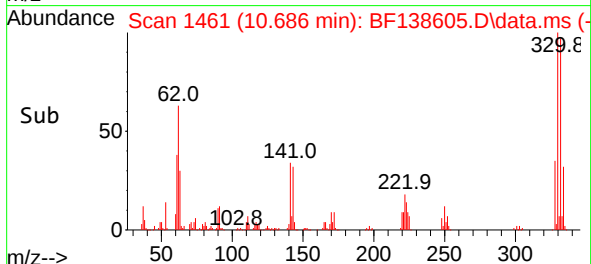
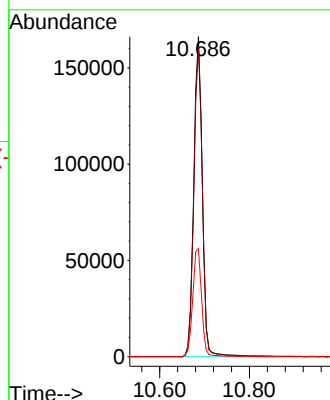
Tgt Ion:330 Resp: 220891

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

141 35.1 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 81.537 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF138605.D

Acq: 22 Jul 2024 13:40

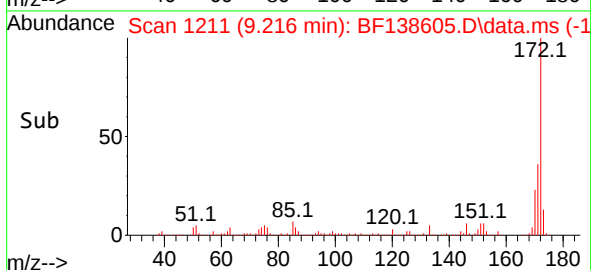
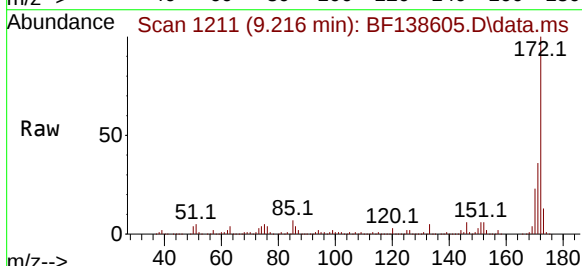
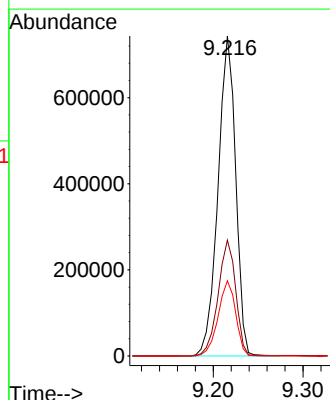
Tgt Ion:172 Resp: 1016642

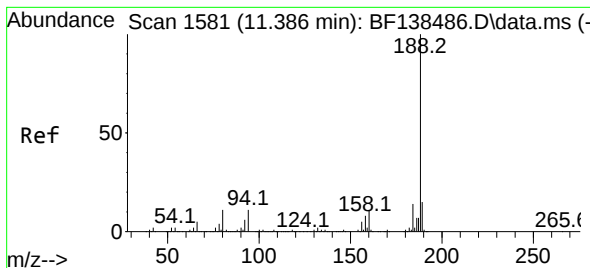
Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138605.D

Acq: 22 Jul 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB162075TB

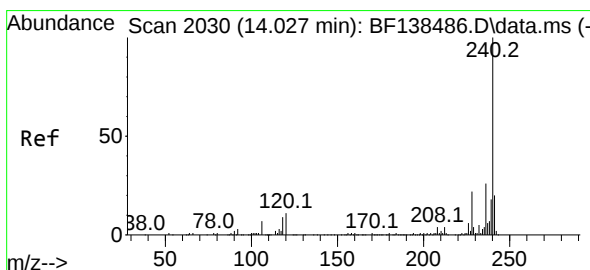
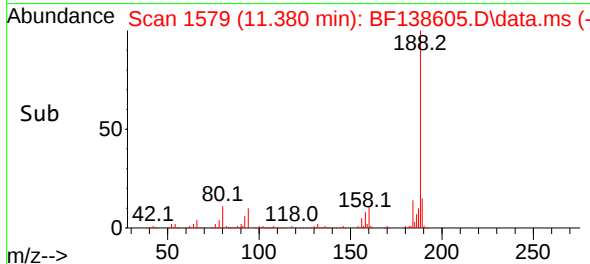
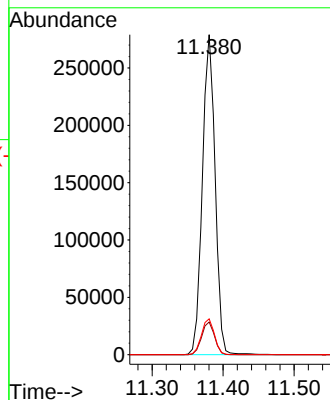
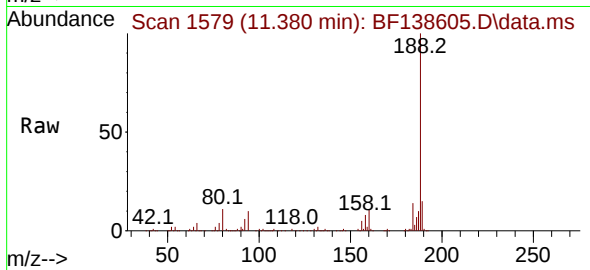
Tgt Ion:188 Resp: 348569

Ion Ratio Lower Upper

188 100

94 10.2 8.7 13.1

80 11.2 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.012 min

Lab File: BF138605.D

Acq: 22 Jul 2024 13:40

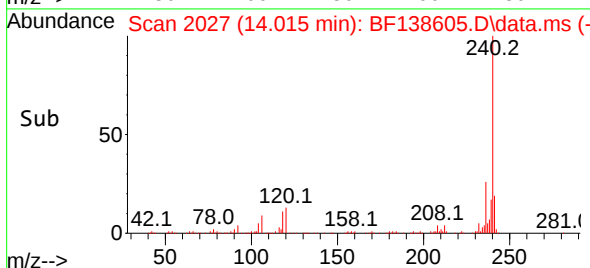
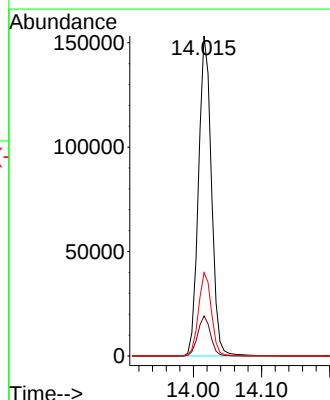
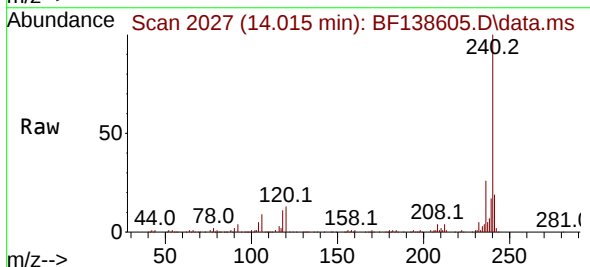
Tgt Ion:240 Resp: 201605

Ion Ratio Lower Upper

240 100

120 12.5 8.6 12.8

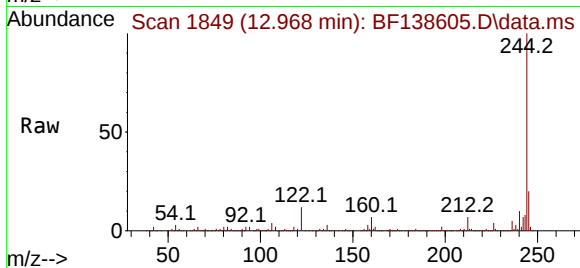
236 26.1 21.0 31.6



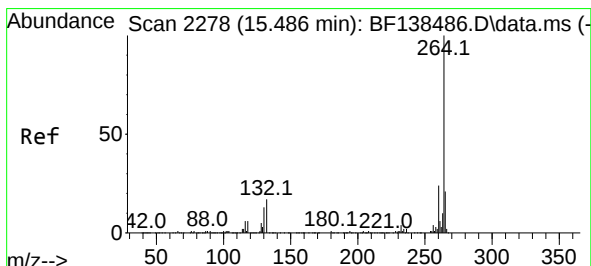
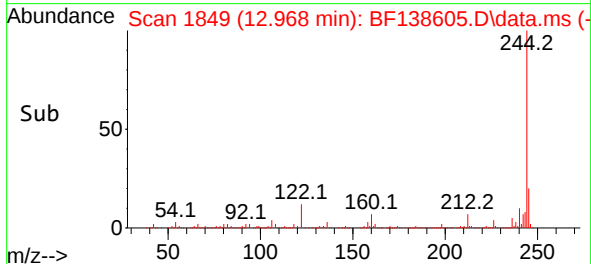
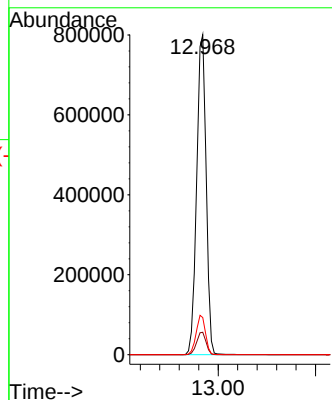


#79
 Terphenyl-d14
 Concen: 88.032 ng
 RT: 12.968 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: BF138605.D
 Acq: 22 Jul 2024 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB162075TB



Tgt Ion:244 Resp: 1089400
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 11.6 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF138605.D
 Acq: 22 Jul 2024 13:40

Tgt Ion:264 Resp: 164441
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.4 17.0 25.4

