

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
 Data File : BF138753.D
 Acq On : 02 Aug 2024 18:18
 Operator : RC/JU
 Sample : P3396-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-CF05-02

Quant Time: Aug 02 23:22:11 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	39347	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	134824	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	68465	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	134958	20.000	ng	0.00
76) Chrysene-d12	14.010	240	88081	20.000	ng	0.00
86) Perylene-d12	15.474	264	71268	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	243239	95.427	ng	0.00
7) Phenol-d6	6.487	99	198889	58.117	ng	0.00
23) Nitrobenzene-d5	7.410	82	291624	105.752	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	100800	179.737	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	482735	105.939	ng	0.00
79) Terphenyl-d14	12.957	244	665823	126.562	ng	0.01

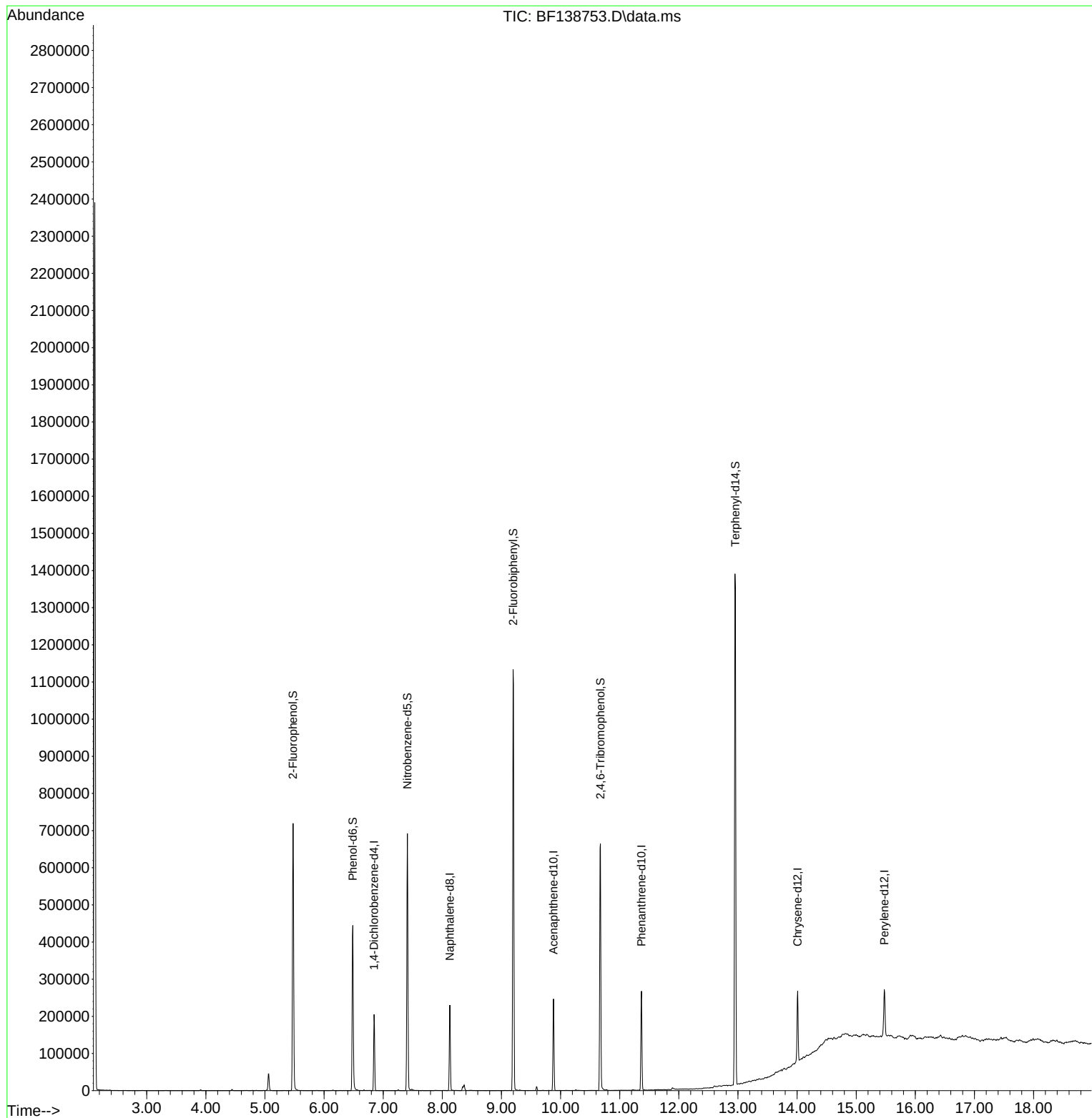
Target Compounds	Qvalue

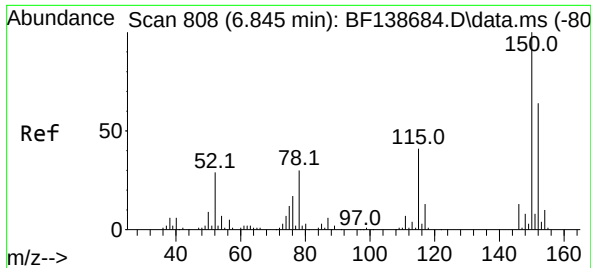
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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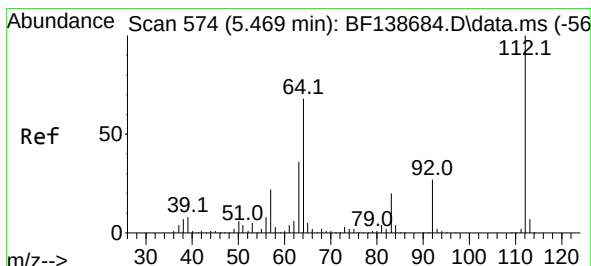
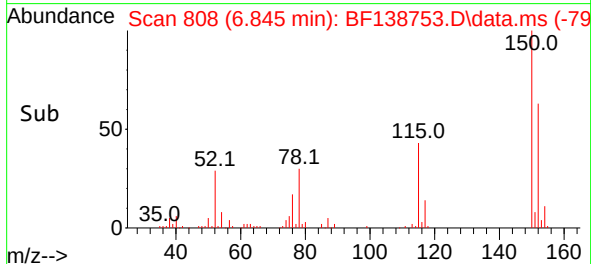
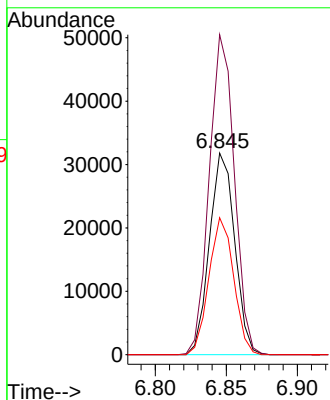
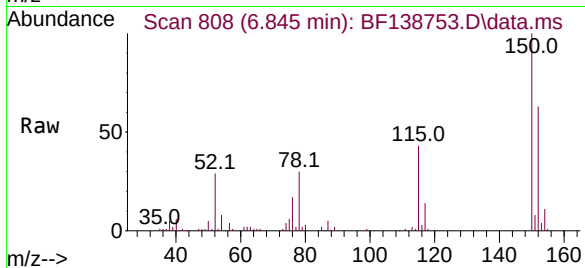




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138753.D
Acq: 02 Aug 2024 18:18

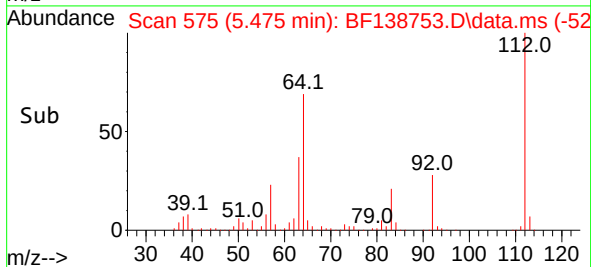
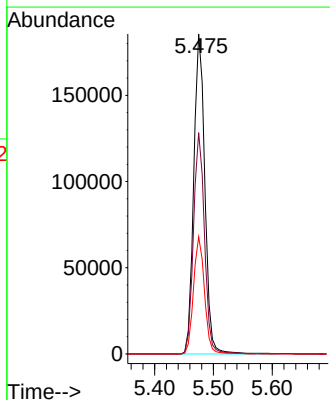
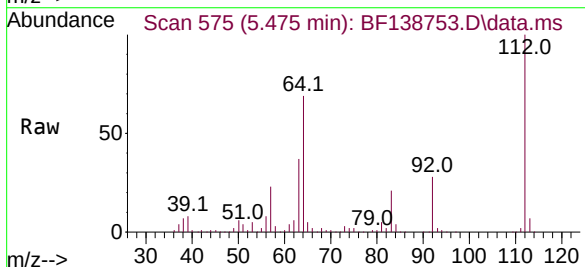
Instrument :
BNA_F
ClientSampleId :
P001-CF05-02

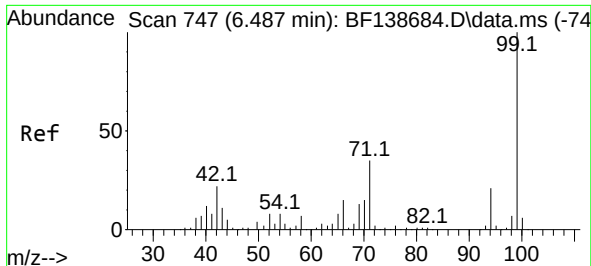
Tgt Ion:152 Resp: 39347
Ion Ratio Lower Upper
152 100
150 158.7 126.0 189.0
115 67.9 51.7 77.5



#5
2-Fluorophenol
Concen: 95.427 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138753.D
Acq: 02 Aug 2024 18:18

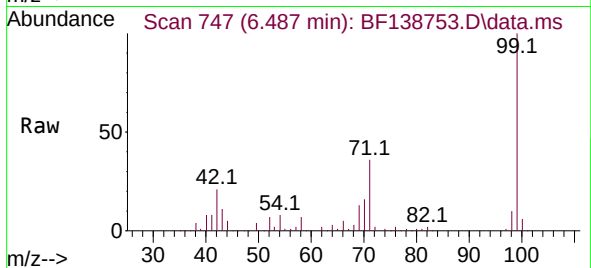
Tgt Ion:112 Resp: 243239
Ion Ratio Lower Upper
112 100
64 69.1 54.2 81.4
63 36.6 28.7 43.1





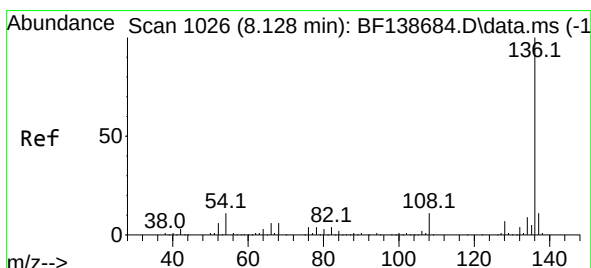
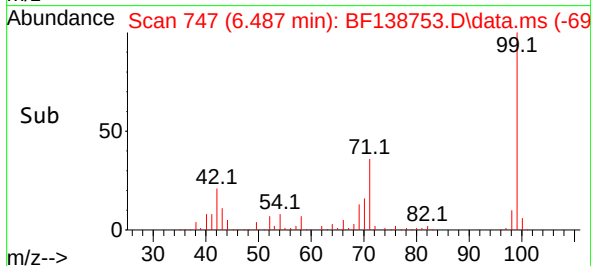
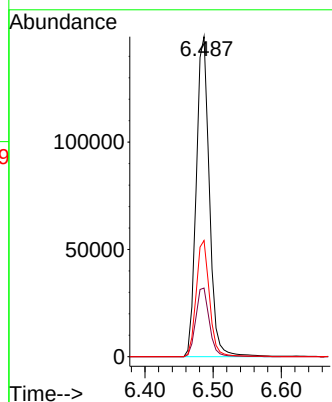
#7
Phenol-d6
Concen: 58.117 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138753.D
Acq: 02 Aug 2024 18:18

Instrument :
BNA_F
ClientSampleId :
P001-CF05-02



Tgt Ion: 99 Resp: 198889

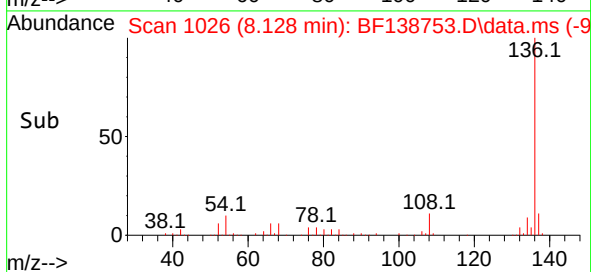
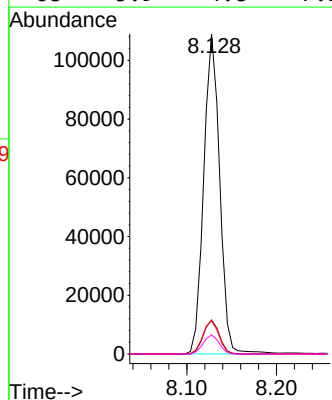
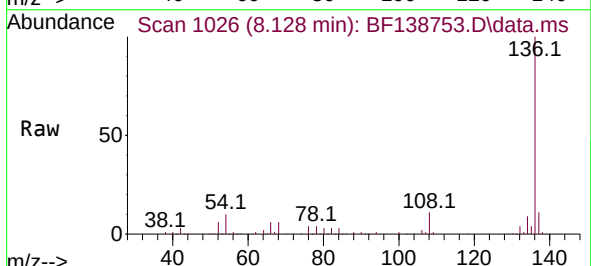
Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.4	26.0
71	36.3	28.1	42.1

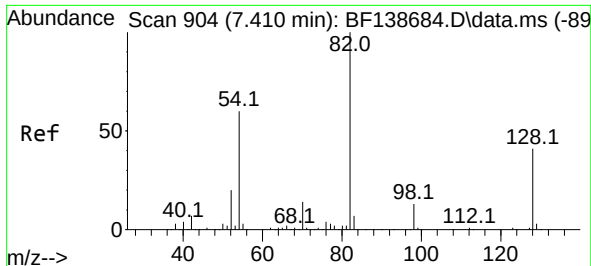


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138753.D
Acq: 02 Aug 2024 18:18

Tgt Ion: 136 Resp: 134824

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	10.4	8.6	12.8
68	5.9	4.8	7.2

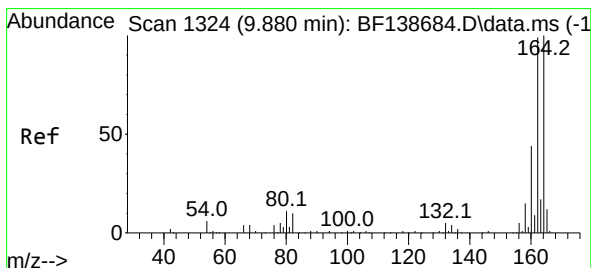
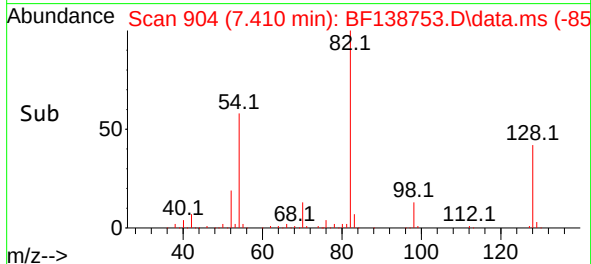
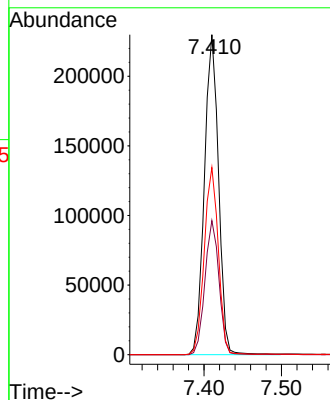
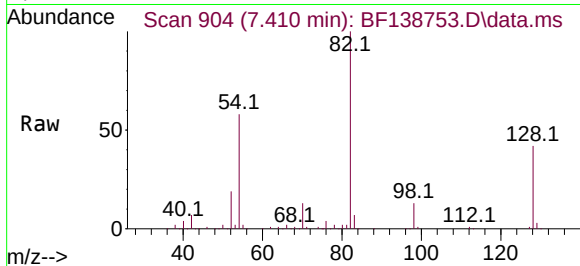




#23
Nitrobenzene-d5
Concen: 105.752 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138753.D
Acq: 02 Aug 2024 18:18

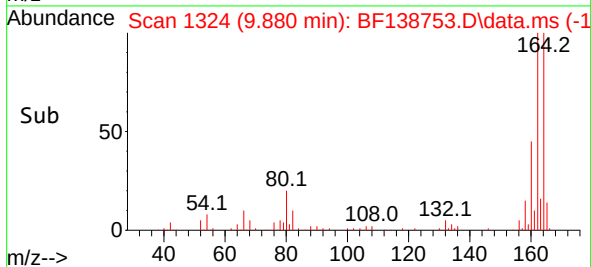
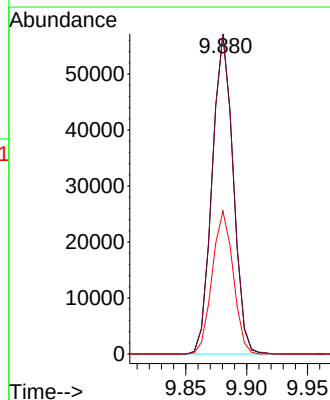
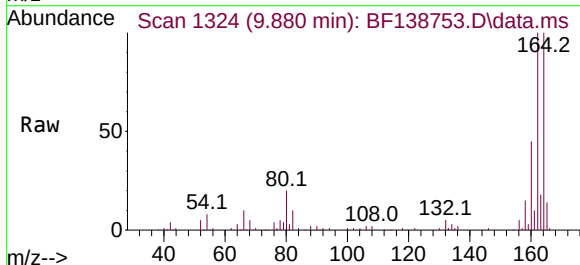
Instrument :
BNA_F
ClientSampleId :
P001-CF05-02

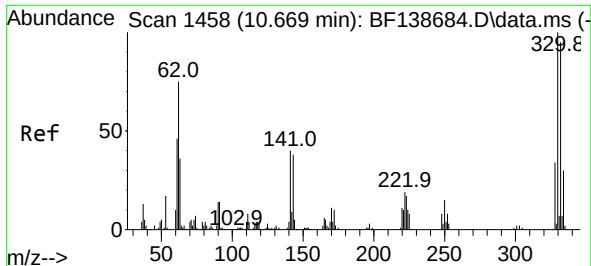
Tgt Ion: 82 Resp: 291624
Ion Ratio Lower Upper
82 100
128 41.9 32.8 49.2
54 58.5 48.3 72.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF138753.D
Acq: 02 Aug 2024 18:18

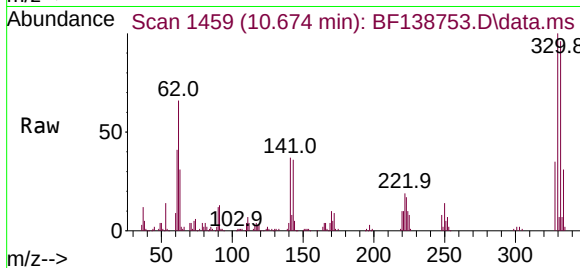
Tgt Ion:164 Resp: 68465
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.0
160 44.6 35.1 52.7



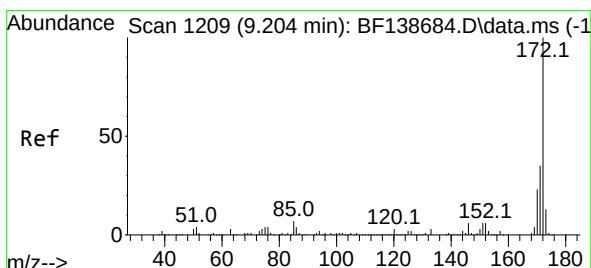
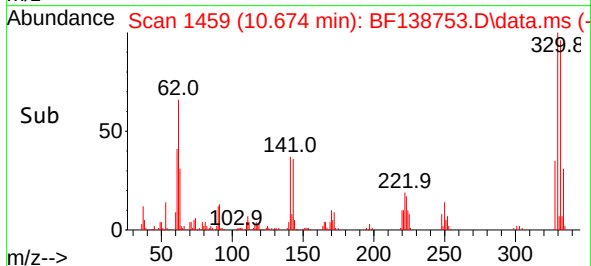
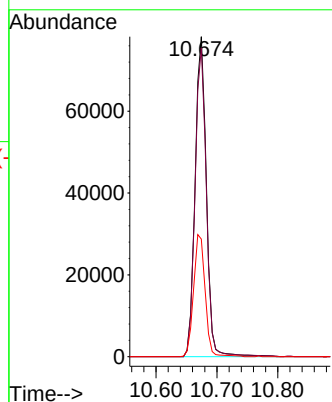


#42
2,4,6-Tribromophenol
Concen: 179.737 ng
RT: 10.674 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF138753.D
Acq: 02 Aug 2024 18:18

Instrument :
BNA_F
ClientSampleId :
P001-CF05-02

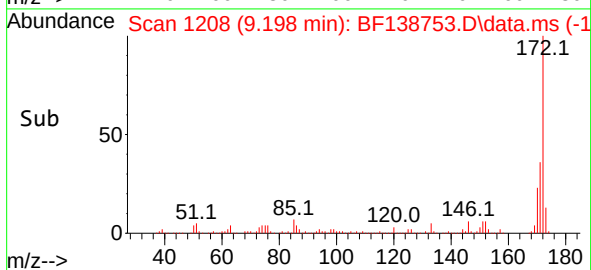
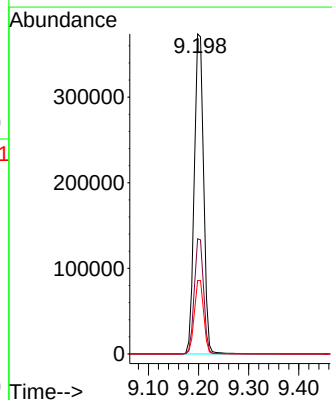
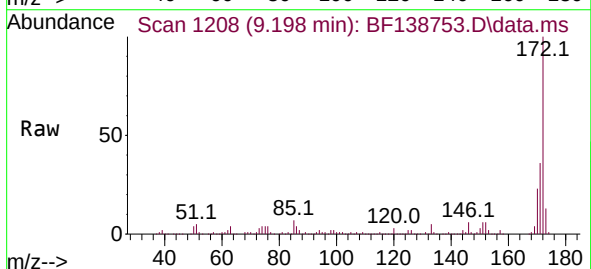


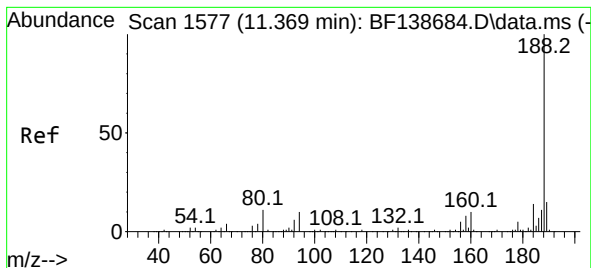
Tgt Ion:330 Resp: 100800
Ion Ratio Lower Upper
330 100
332 96.8 76.4 114.6
141 39.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 105.939 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138753.D
Acq: 02 Aug 2024 18:18

Tgt Ion:172 Resp: 482735
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.0 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138753.D

Acq: 02 Aug 2024 18:18

Instrument :

BNA_F

ClientSampleId :

P001-CF05-02

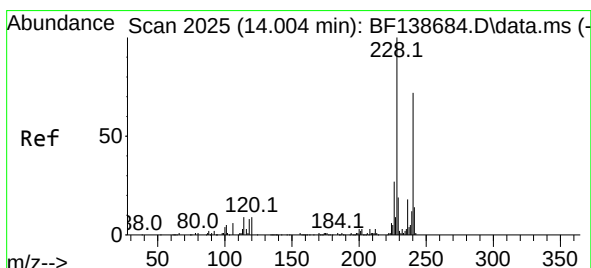
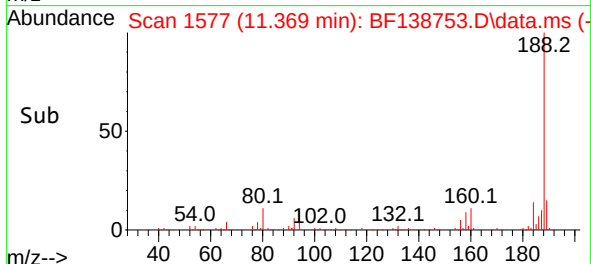
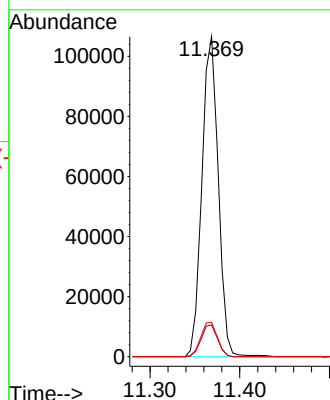
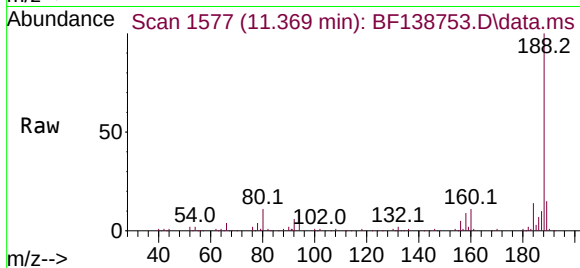
Tgt Ion:188 Resp: 134958

Ion Ratio Lower Upper

188 100

94 9.9 7.6 11.4

80 10.7 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF138753.D

Acq: 02 Aug 2024 18:18

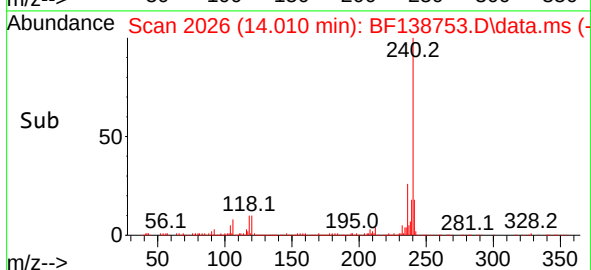
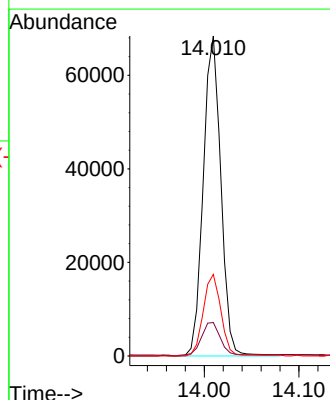
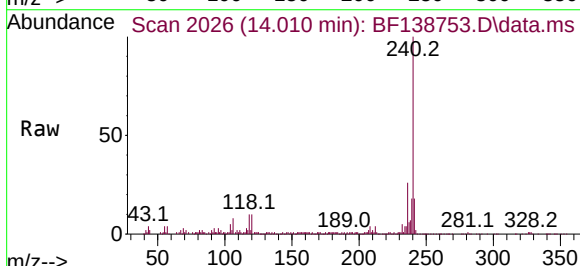
Tgt Ion:240 Resp: 88081

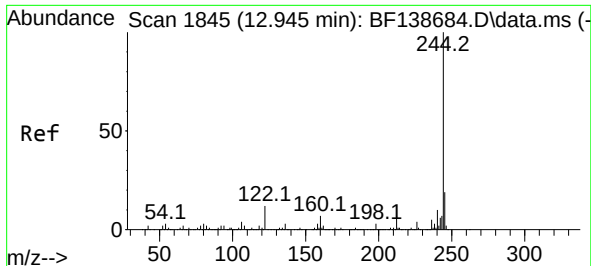
Ion Ratio Lower Upper

240 100

120 10.5 10.2 15.4

236 25.5 19.8 29.8

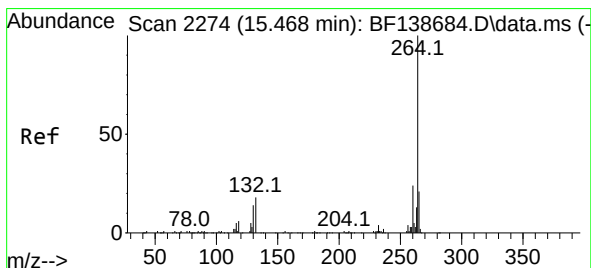
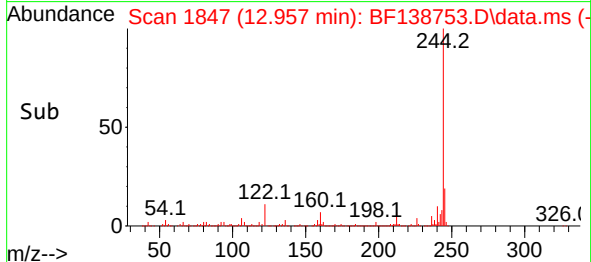
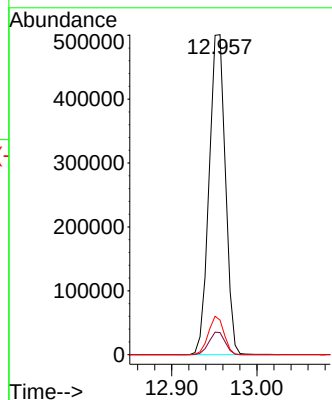
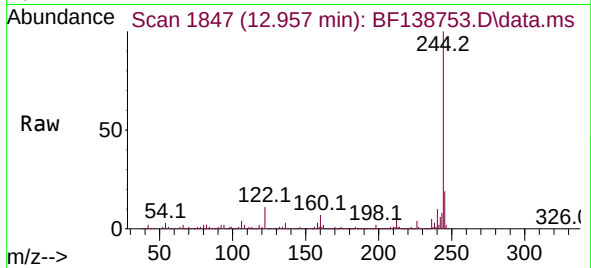




#79
 Terphenyl-d14
 Concen: 126.562 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF138753.D
 Acq: 02 Aug 2024 18:18

Instrument :
 BNA_F
 ClientSampleId :
 P001-CF05-02

Tgt Ion:244 Resp: 665823
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.8 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: BF138753.D
 Acq: 02 Aug 2024 18:18

Tgt Ion:264 Resp: 71268
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.5 17.0 25.6

