

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
Data File : BF138715.D
Acq On : 01 Aug 2024 10:14
Operator : RC/JU
Sample : PB162312BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB162312BL

Quant Time: Aug 01 11:00:11 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	85885	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	354172	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	204077	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	383519	20.000	ng	0.00
76) Chrysene-d12	14.004	240	248519	20.000	ng	0.00
86) Perylene-d12	15.468	264	171941	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	750475	134.886	ng	0.02
7) Phenol-d6	6.487	99	1017796	136.253	ng	0.00
23) Nitrobenzene-d5	7.410	82	659675	91.064	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	254189	152.057	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1165133	85.782	ng	0.00
79) Terphenyl-d14	12.957	244	1378409	92.863	ng	0.01

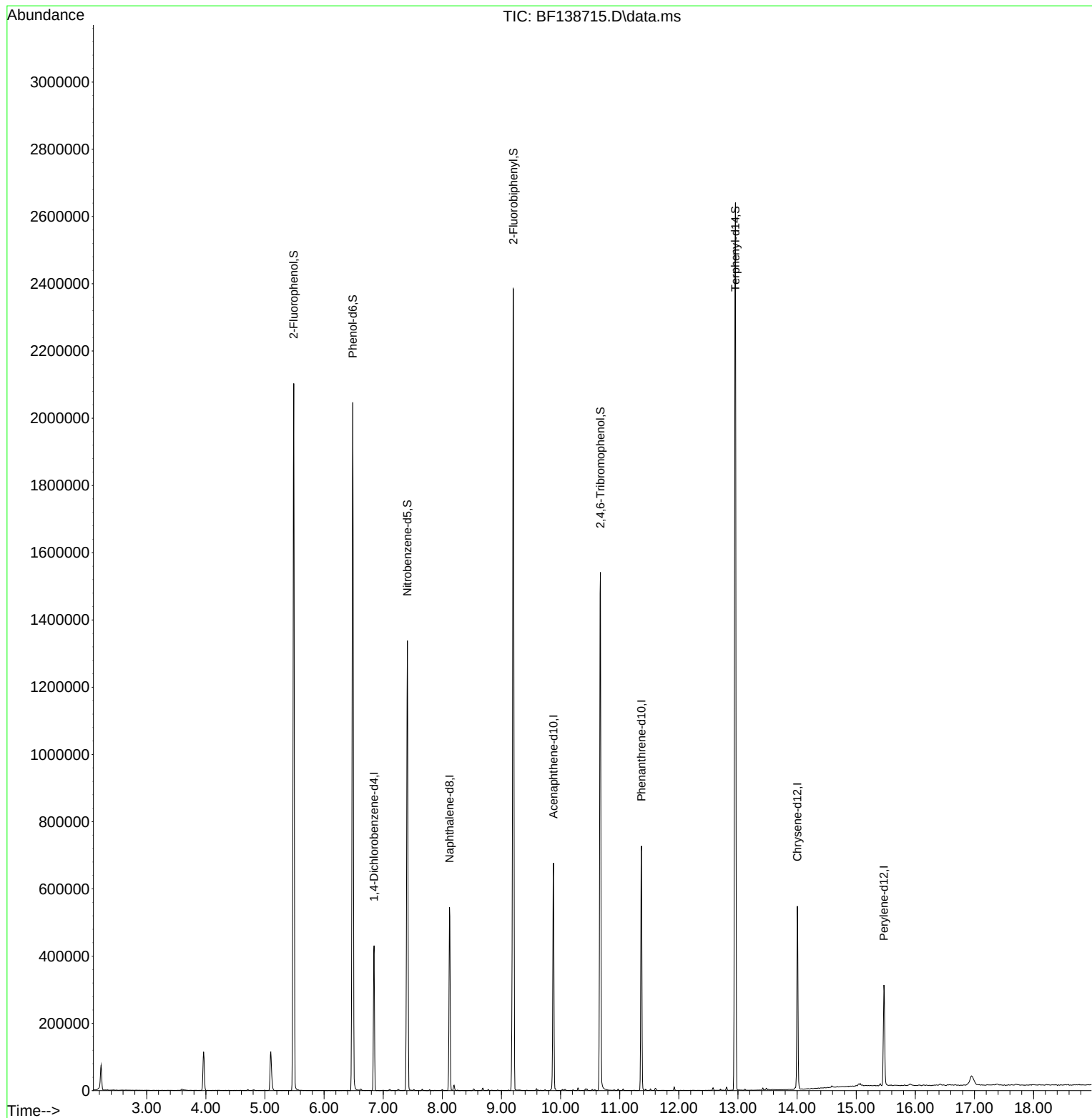
Target Compounds	Qvalue

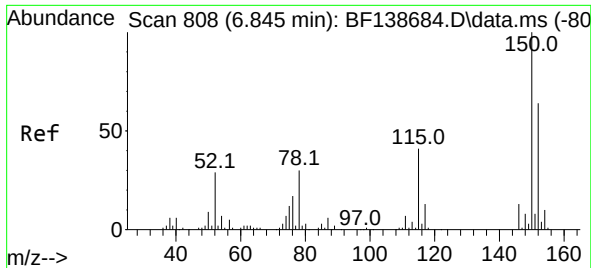
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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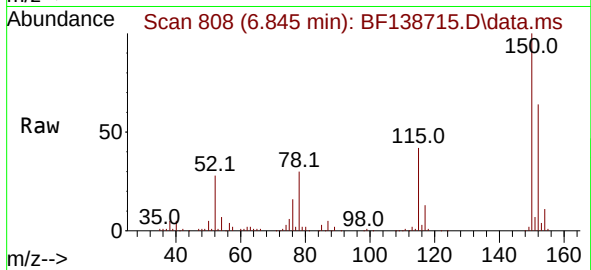
Quant Time: Aug 01 11:00:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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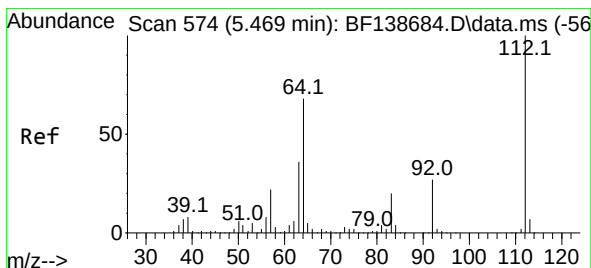
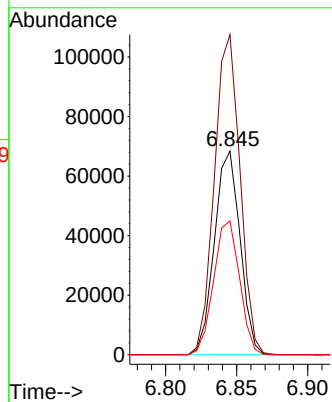
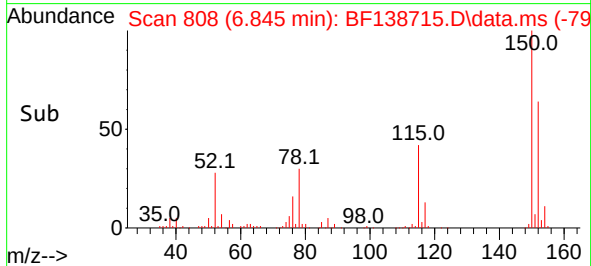


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138715.D
Acq: 01 Aug 2024 10:14

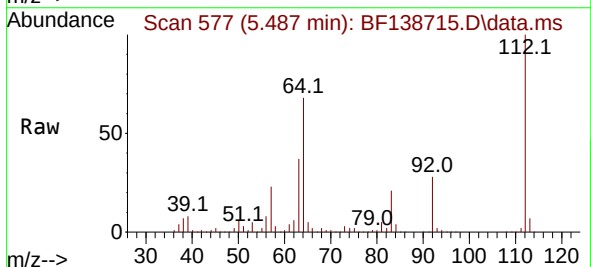
Instrument :
BNA_F
ClientSampleId :
PB162312BL



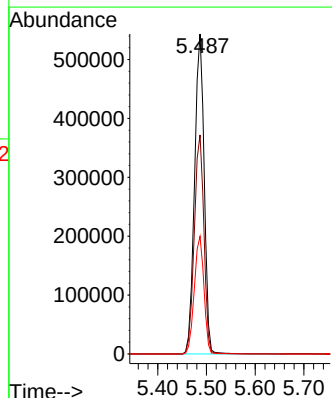
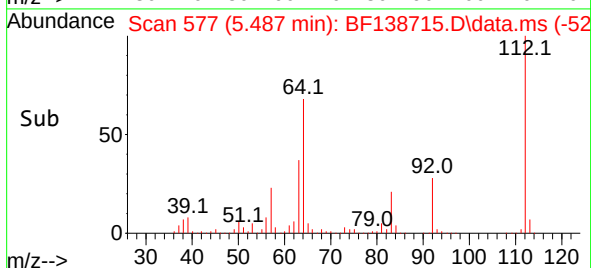
Tgt Ion:152 Resp: 85885
Ion Ratio Lower Upper
152 100
150 157.2 126.0 189.0
115 65.7 51.7 77.5

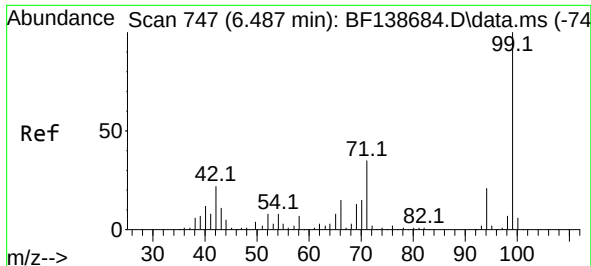


#5
2-Fluorophenol
Concen: 134.886 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138715.D
Acq: 01 Aug 2024 10:14



Tgt Ion:112 Resp: 750475
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.4
63 36.8 28.7 43.1





#7

Phenol-d6

Concen: 136.253 ng

RT: 6.487 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF138715.D

Acq: 01 Aug 2024 10:14

Instrument :

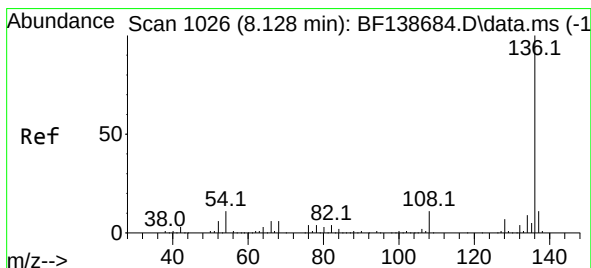
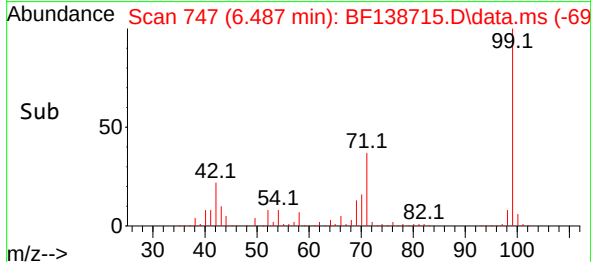
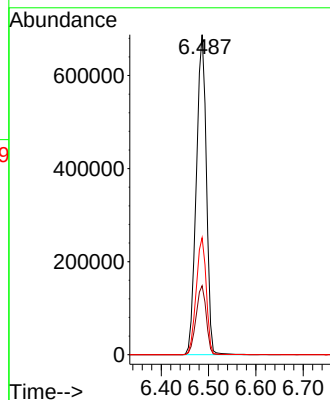
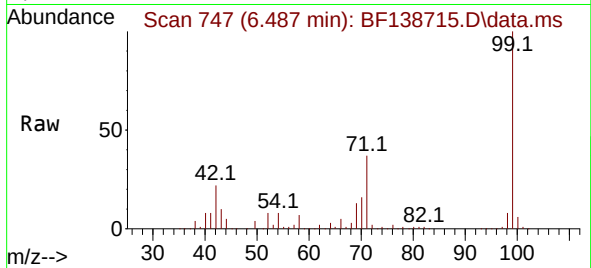
BNA_F

ClientSampleId :

PB162312BL

Tgt Ion: 99 Resp: 1017796

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.4	26.0
71	36.6	28.1	42.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1025

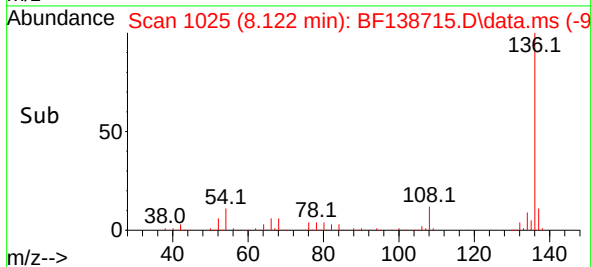
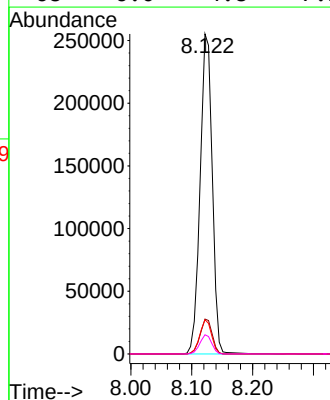
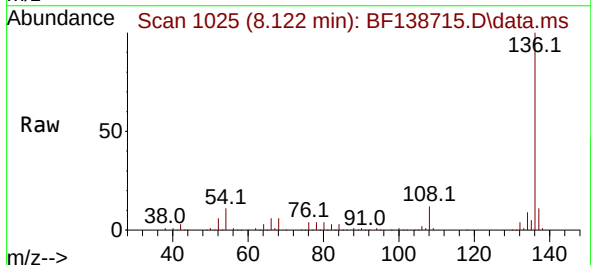
Delta R.T. -0.006 min

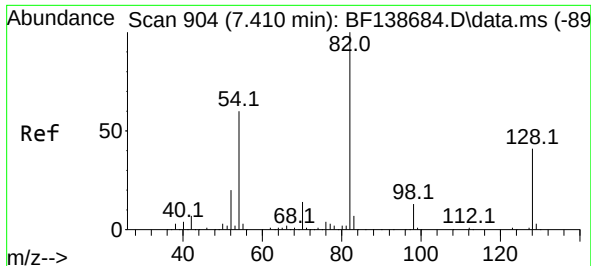
Lab File: BF138715.D

Acq: 01 Aug 2024 10:14

Tgt Ion: 136 Resp: 354172

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.7	8.6	12.8
68	6.0	4.8	7.2





#23

Nitrobenzene-d5

Concen: 91.064 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138715.D

Acq: 01 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

PB162312BL

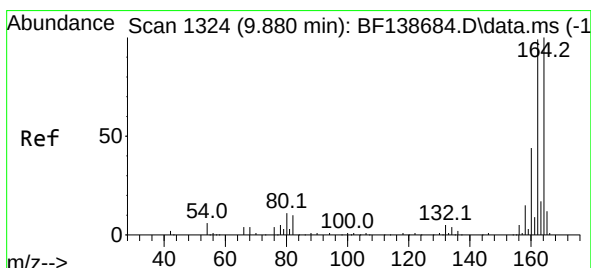
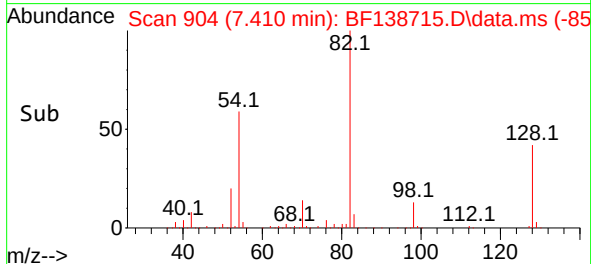
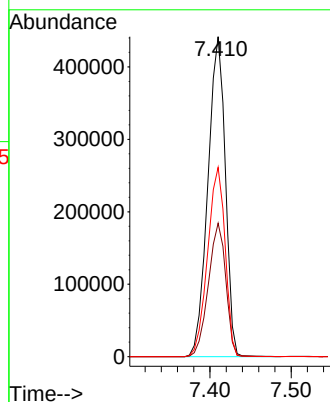
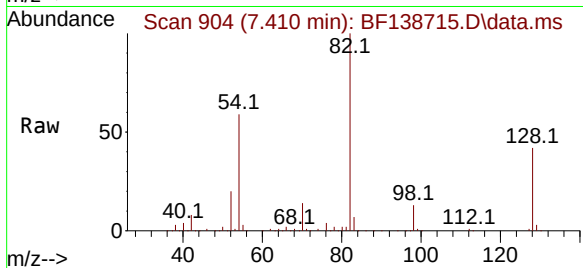
Tgt Ion: 82 Resp: 659675

Ion Ratio Lower Upper

82 100

128 41.7 32.8 49.2

54 59.1 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: BF138715.D

Acq: 01 Aug 2024 10:14

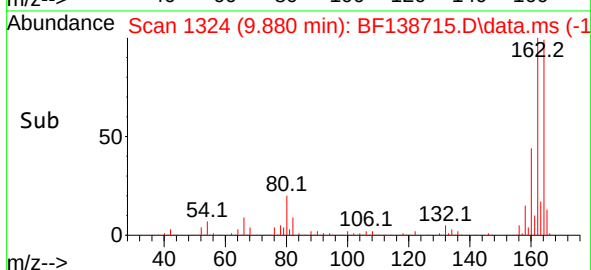
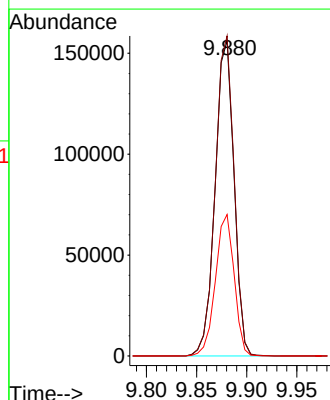
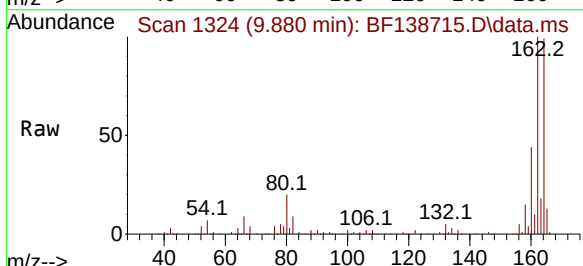
Tgt Ion:164 Resp: 204077

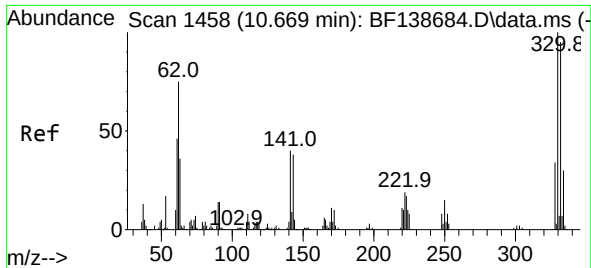
Ion Ratio Lower Upper

164 100

162 101.5 79.4 119.0

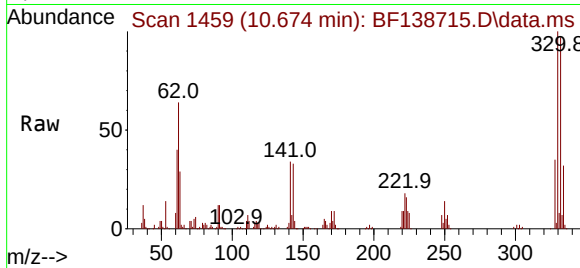
160 44.8 35.1 52.7



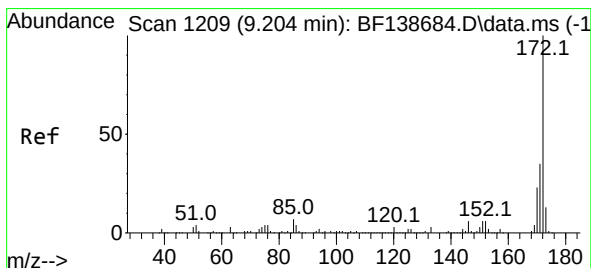
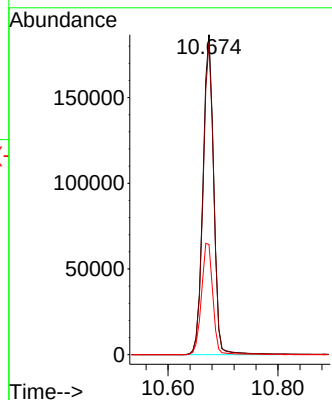
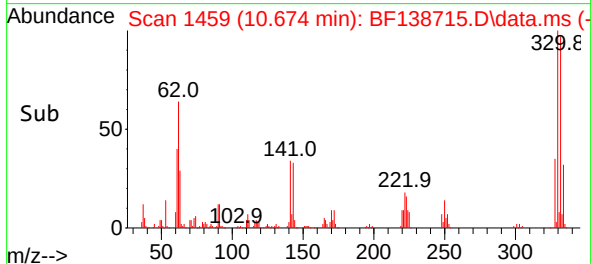


#42
2,4,6-Tribromophenol
Concen: 152.057 ng
RT: 10.674 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF138715.D
Acq: 01 Aug 2024 10:14

Instrument :
BNA_F
ClientSampleId :
PB162312BL

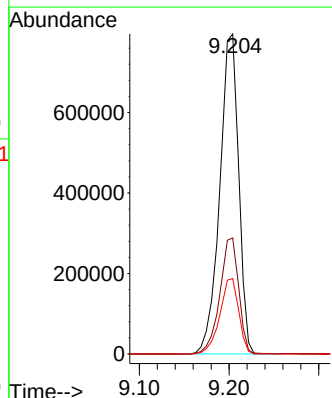
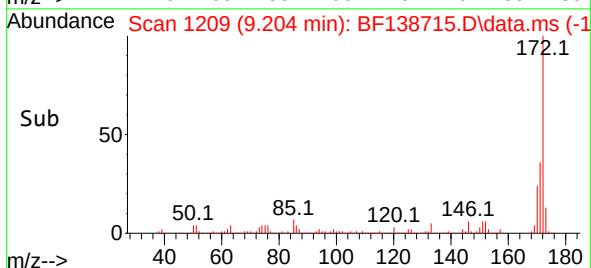
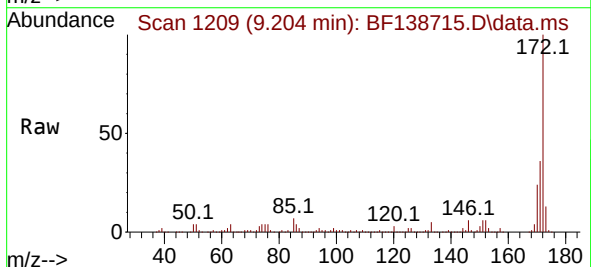


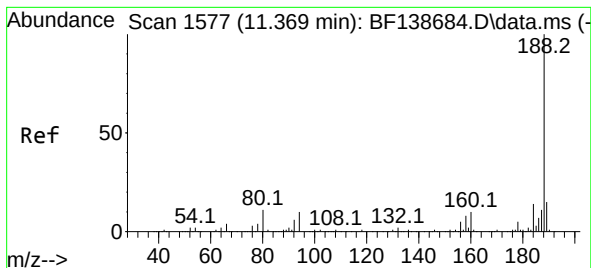
Tgt Ion:330 Resp: 254189
Ion Ratio Lower Upper
330 100
332 97.4 76.4 114.6
141 36.9 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 85.782 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF138715.D
Acq: 01 Aug 2024 10:14

Tgt Ion:172 Resp: 1165133
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.5 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: BF138715.D

Acq: 01 Aug 2024 10:14

Instrument :

BNA_F

ClientSampleId :

PB162312BL

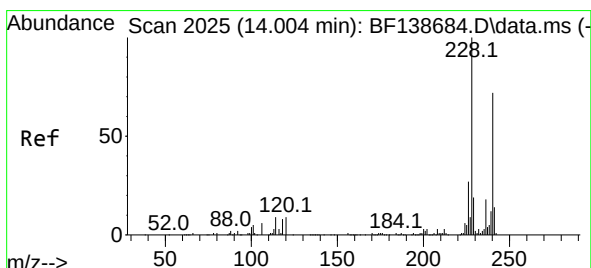
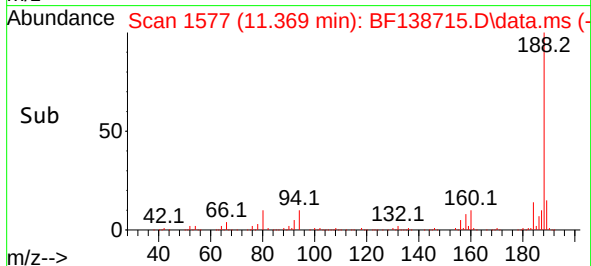
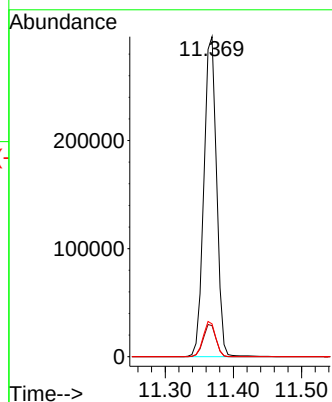
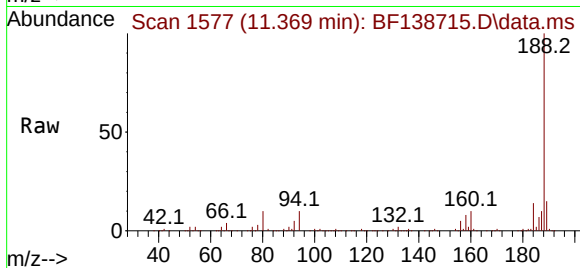
Tgt Ion:188 Resp: 383519

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.3 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: BF138715.D

Acq: 01 Aug 2024 10:14

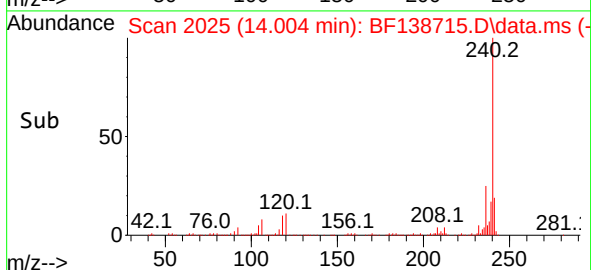
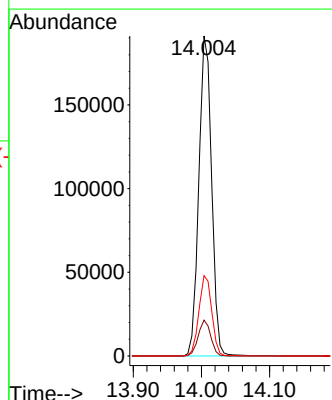
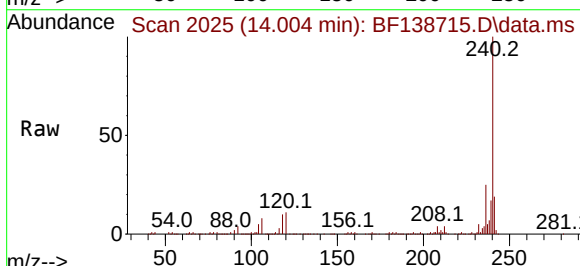
Tgt Ion:240 Resp: 248519

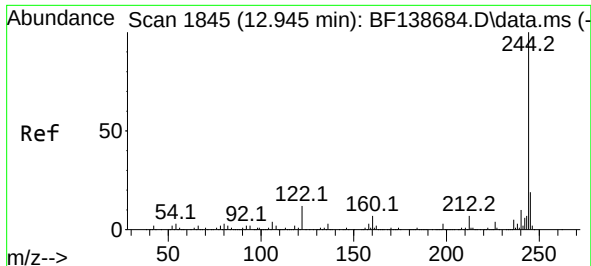
Ion Ratio Lower Upper

240 100

120 11.2 10.2 15.4

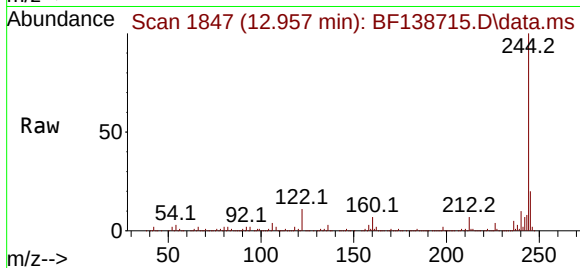
236 25.1 19.8 29.8



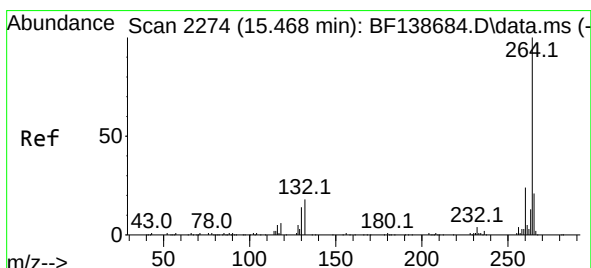
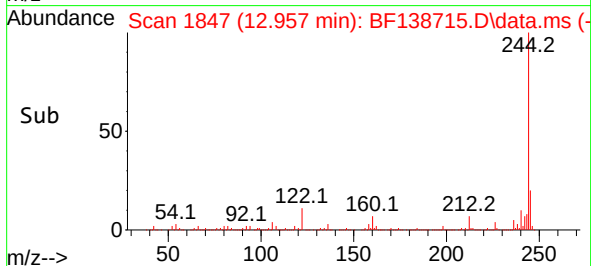
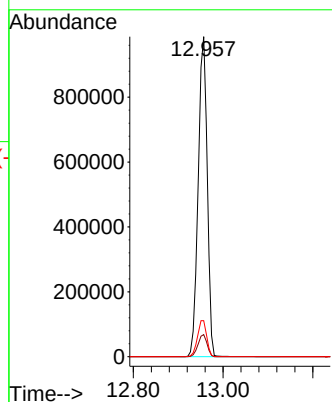


#79
 Terphenyl-d14
 Concen: 92.863 ng
 RT: 12.957 min Scan# 1847
 Delta R.T. 0.012 min
 Lab File: BF138715.D
 Acq: 01 Aug 2024 10:14

Instrument :
 BNA_F
 ClientSampleId :
 PB162312BL



Tgt Ion:244 Resp: 1378409
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.2 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. -0.000 min
 Lab File: BF138715.D
 Acq: 01 Aug 2024 10:14

Tgt Ion:264 Resp: 171941
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 20.3 17.0 25.6

