

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138902.D
 Acq On : 10 Aug 2024 11:11
 Operator : RC/JU
 Sample : PB162577TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162577TB

Quant Time: Aug 12 01:12:13 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	43918	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	182701	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	107188	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	206263	20.000	ng	0.00
76) Chrysene-d12	14.004	240	130877	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	91416	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	414207	145.588	ng	0.02
7) Phenol-d6	6.487	99	553249	144.837	ng	0.00
23) Nitrobenzene-d5	7.404	82	361669	96.784	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	141396	161.041	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	695003	97.421	ng	0.00
79) Terphenyl-d14	12.945	244	871174	111.447	ng	0.00

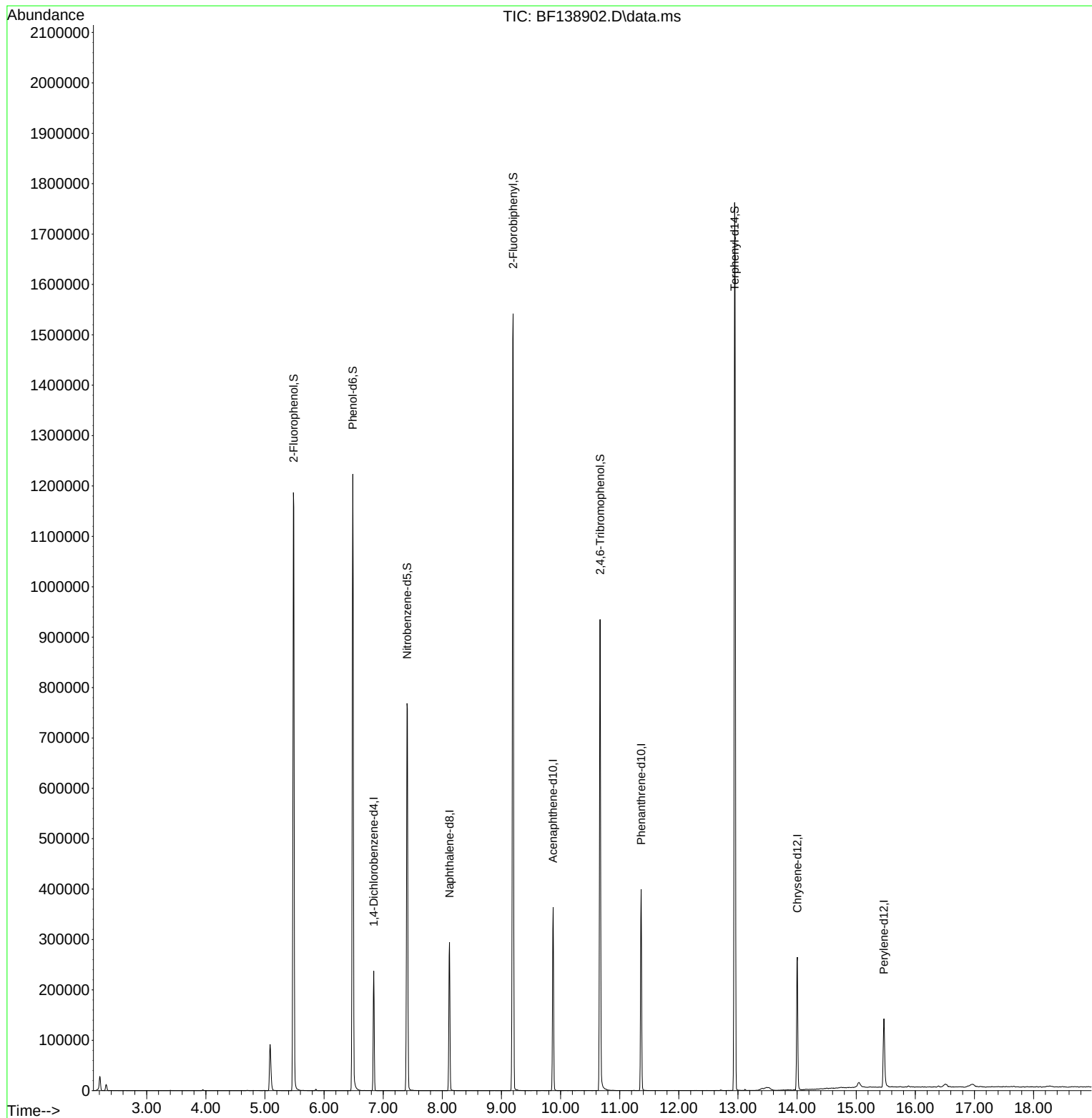
Target Compounds	Qvalue

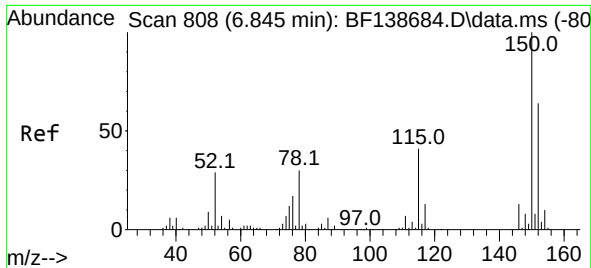
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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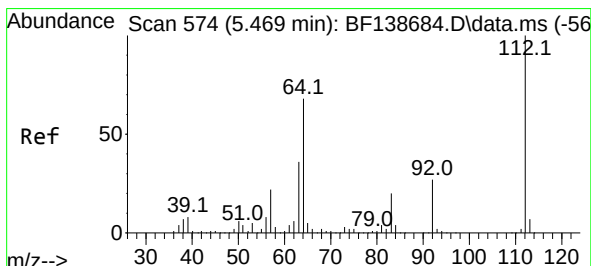
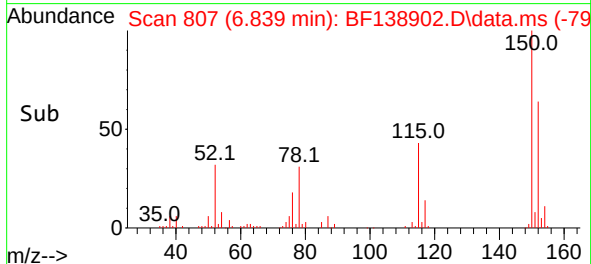
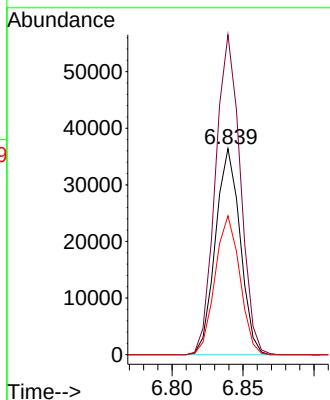
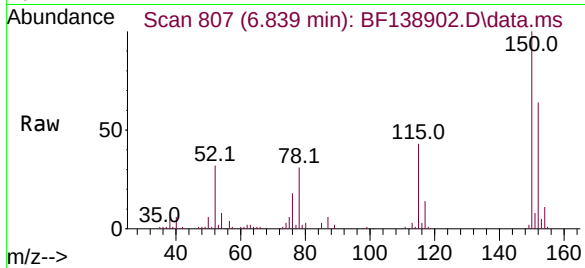




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138902.D
Acq: 10 Aug 2024 11:11

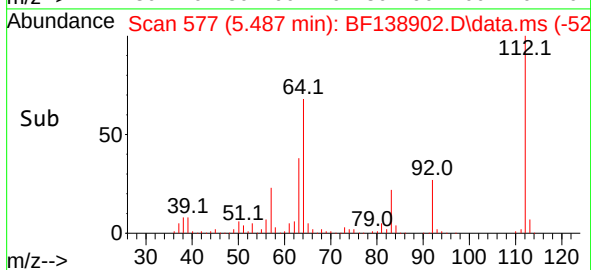
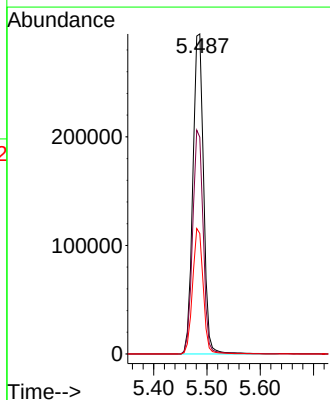
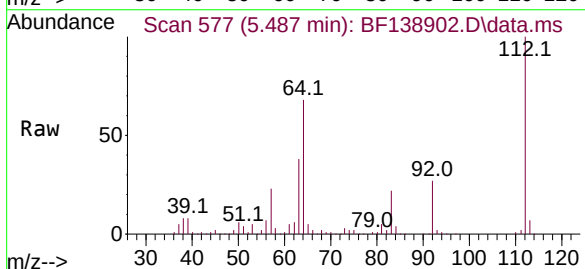
Instrument :
BNA_F
ClientSampleId :
PB162577TB

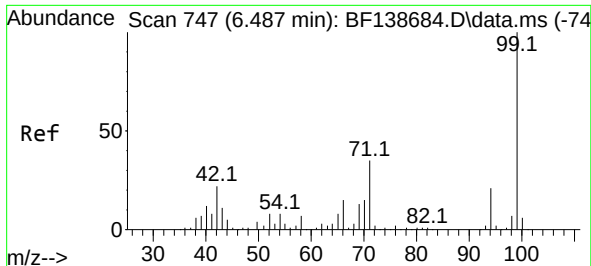
Tgt Ion:152 Resp: 43918
Ion Ratio Lower Upper
152 100
150 155.3 126.0 189.0
115 67.3 51.7 77.5



#5
2-Fluorophenol
Concen: 145.588 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138902.D
Acq: 10 Aug 2024 11:11

Tgt Ion:112 Resp: 414207
Ion Ratio Lower Upper
112 100
64 67.7 54.2 81.4
63 37.7 28.7 43.1

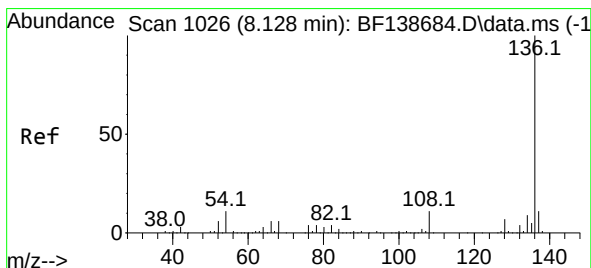
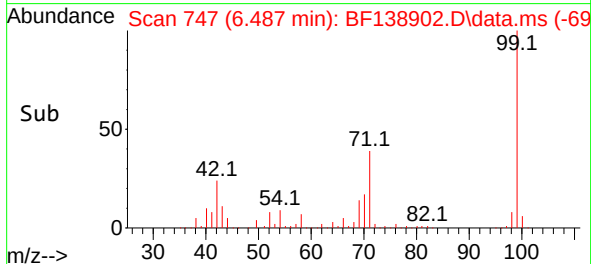
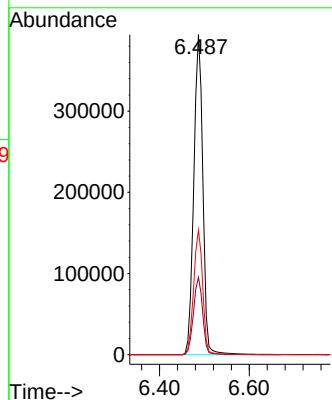
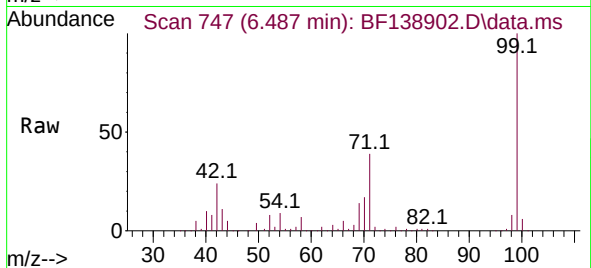




#7
Phenol-d6
Concen: 144.837 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138902.D
Acq: 10 Aug 2024 11:11

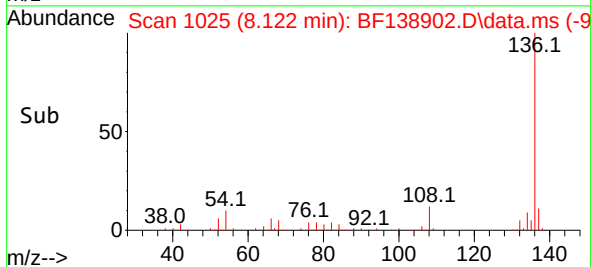
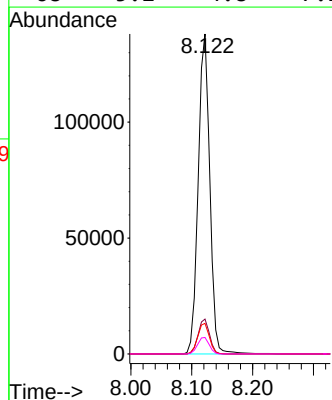
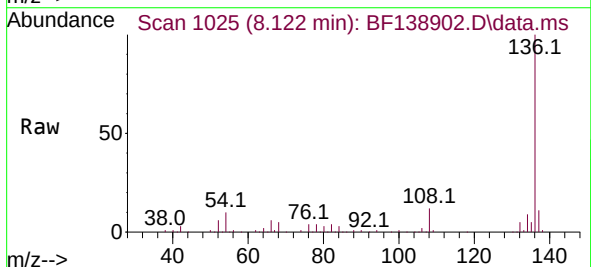
Instrument :
BNA_F
ClientSampleId :
PB162577TB

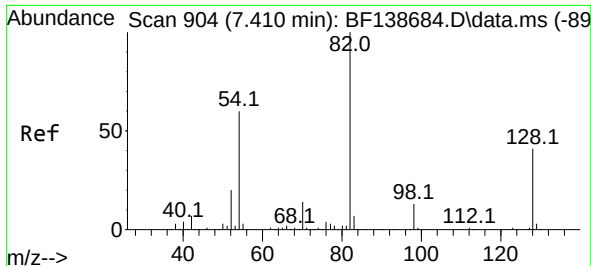
Tgt Ion: 99 Resp: 553249
Ion Ratio Lower Upper
99 100
42 24.2 17.4 26.0
71 38.9 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138902.D
Acq: 10 Aug 2024 11:11

Tgt Ion: 136 Resp: 182701
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.6 8.6 12.8
68 5.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 96.784 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138902.D

Acq: 10 Aug 2024 11:11

Instrument :

BNA_F

ClientSampleId :

PB162577TB

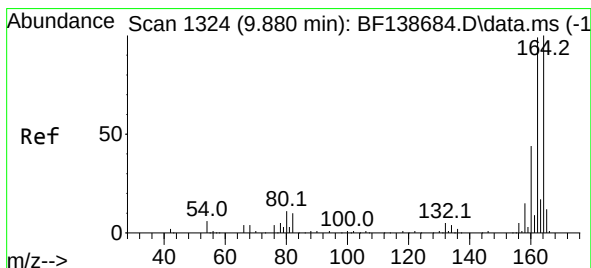
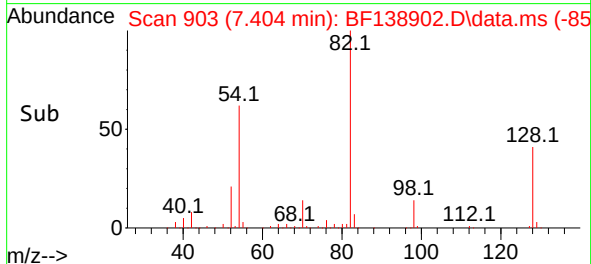
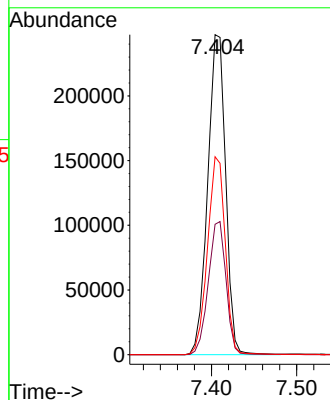
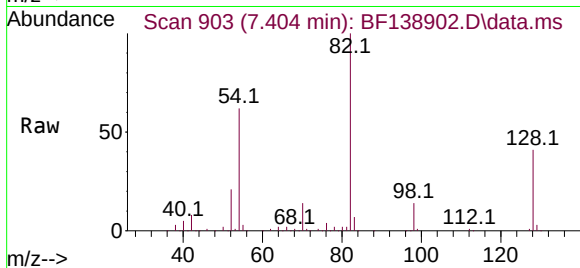
Tgt Ion: 82 Resp: 361669

Ion Ratio Lower Upper

82 100

128 40.8 32.8 49.2

54 61.9 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF138902.D

Acq: 10 Aug 2024 11:11

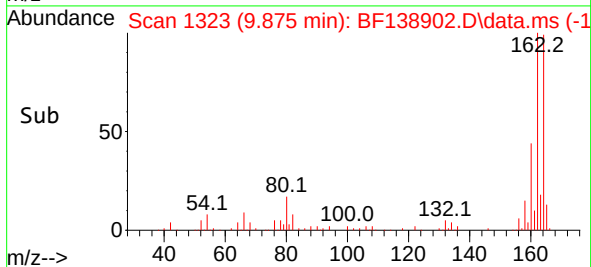
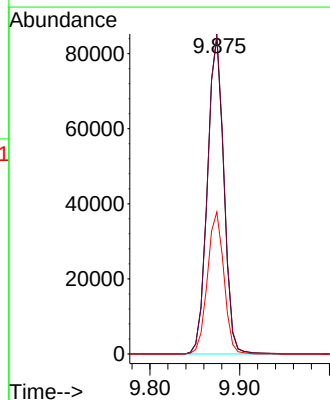
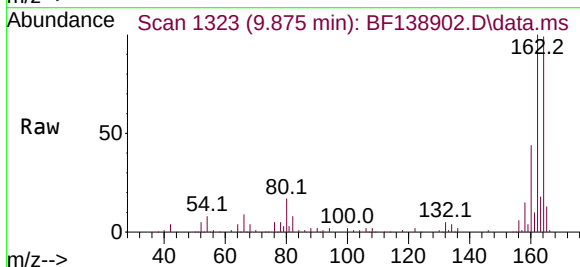
Tgt Ion:164 Resp: 107188

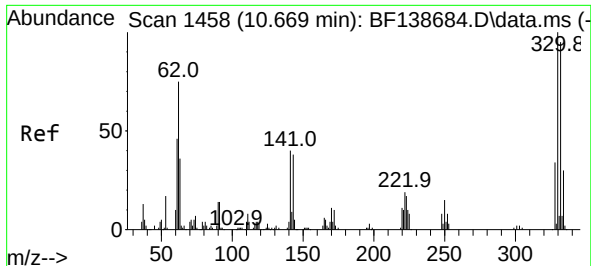
Ion Ratio Lower Upper

164 100

162 101.1 79.4 119.0

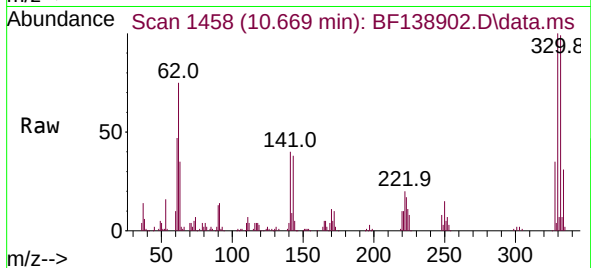
160 44.9 35.1 52.7



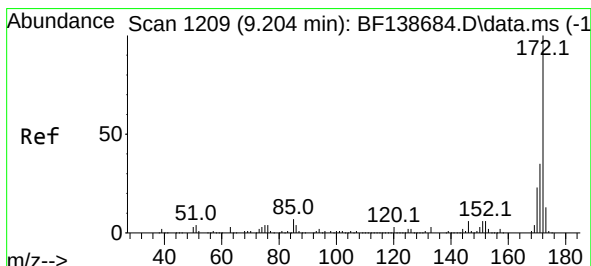
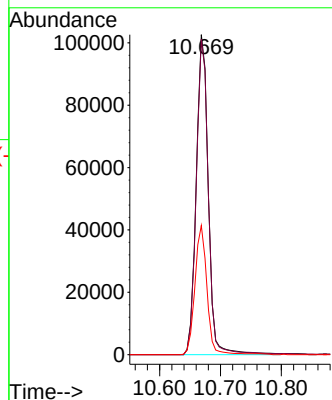
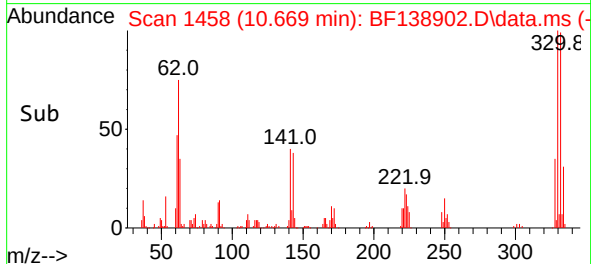


#42
2,4,6-Tribromophenol
Concen: 161.041 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138902.D
Acq: 10 Aug 2024 11:11

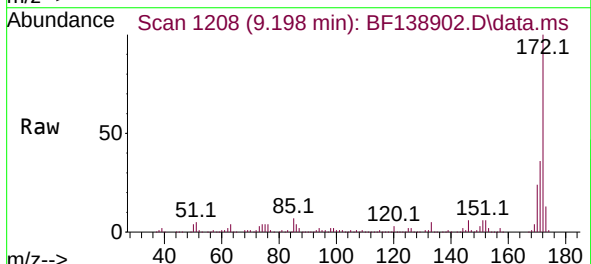
Instrument :
BNA_F
ClientSampleId :
PB162577TB



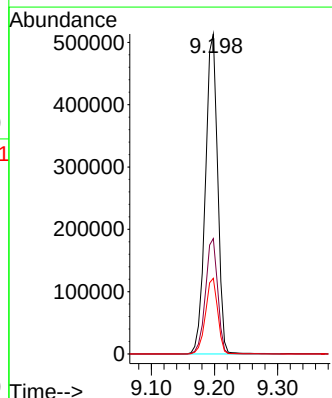
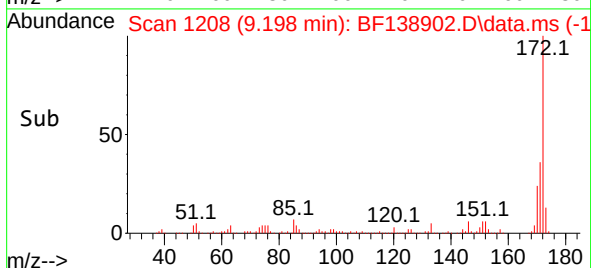
Tgt Ion:330 Resp: 141396
Ion Ratio Lower Upper
330 100
332 98.2 76.4 114.6
141 40.4 31.1 46.7

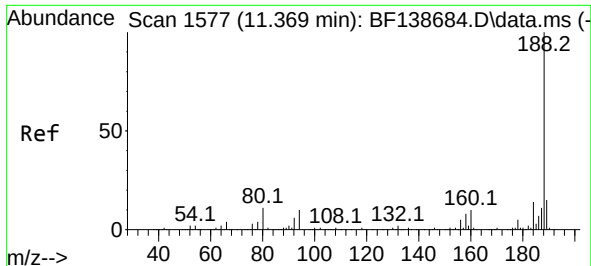


#45
2-Fluorobiphenyl
Concen: 97.421 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138902.D
Acq: 10 Aug 2024 11:11



Tgt Ion:172 Resp: 695003
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.7 18.8 28.2

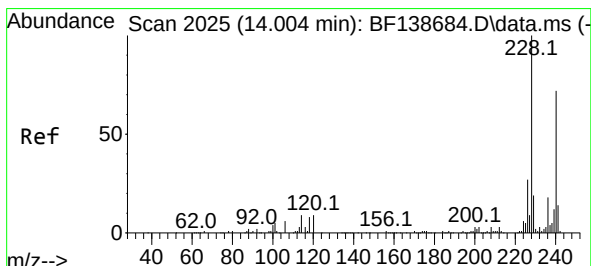
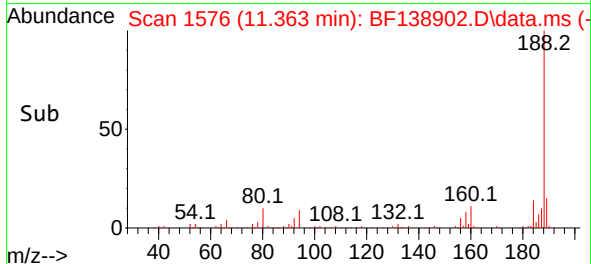
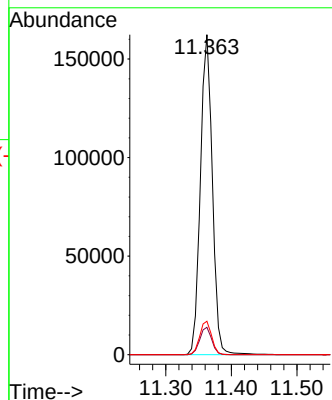
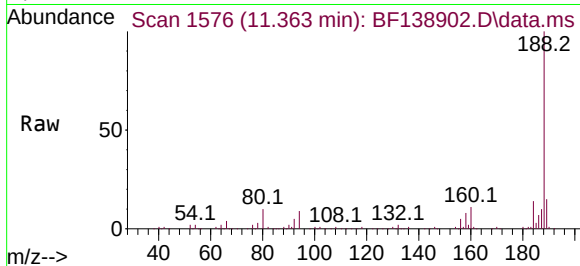




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138902.D
Acq: 10 Aug 2024 11:11

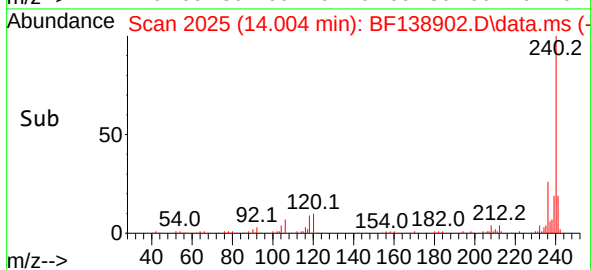
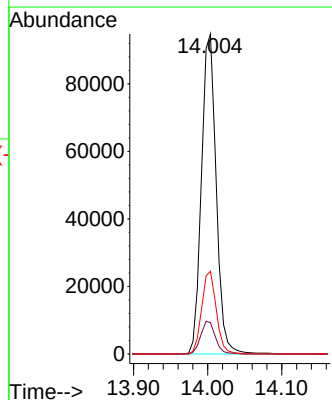
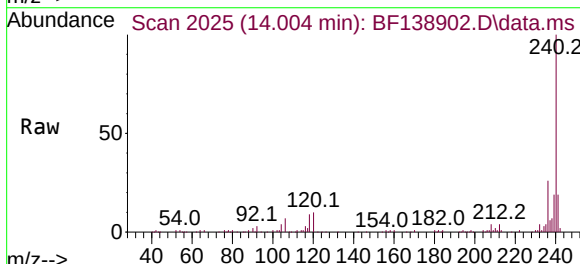
Instrument :
BNA_F
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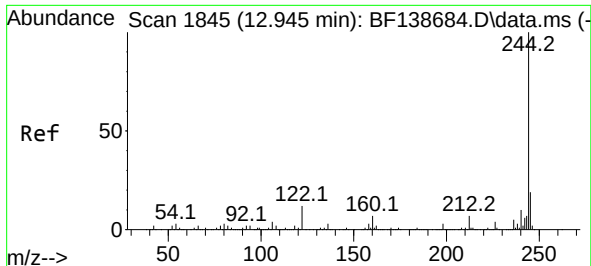
Tgt Ion:188 Resp: 206263
Ion Ratio Lower Upper
188 100
94 8.5 7.6 11.4
80 10.4 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138902.D
Acq: 10 Aug 2024 11:11

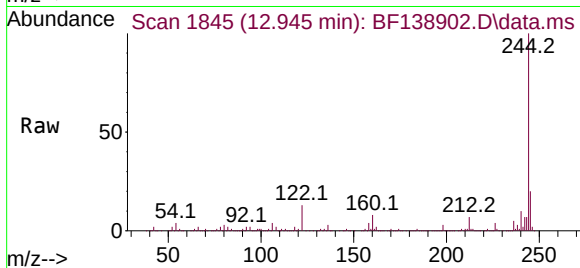
Tgt Ion:240 Resp: 130877
Ion Ratio Lower Upper
240 100
120 9.8 10.2 15.4#
236 25.8 19.8 29.8



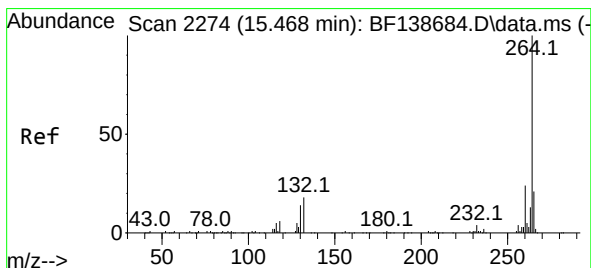
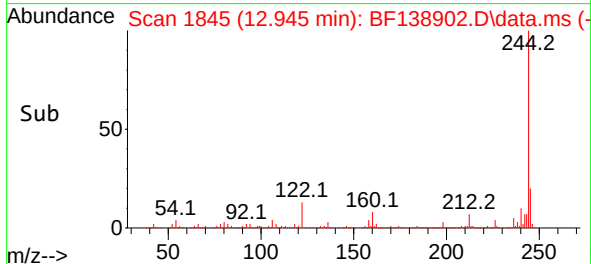
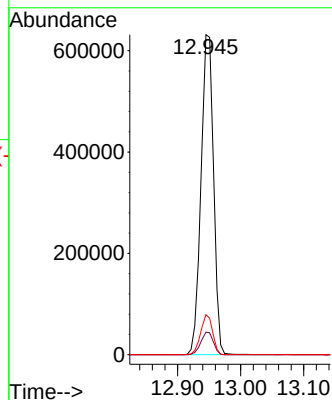


#79
Terphenyl-d14
Concen: 111.447 ng
RT: 12.945 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BF138902.D
Acq: 10 Aug 2024 11:11

Instrument :
BNA_F
ClientSampleId :
PB162577TB



Tgt Ion:244 Resp: 871174
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 12.5 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: BF138902.D
Acq: 10 Aug 2024 11:11

Tgt Ion:264 Resp: 91416
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.1 17.0 25.6

