

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
 Data File : BF138744.D
 Acq On : 02 Aug 2024 13:30
 Operator : RC/JU
 Sample : P3402-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 355

Quant Time: Aug 02 14:00:00 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)

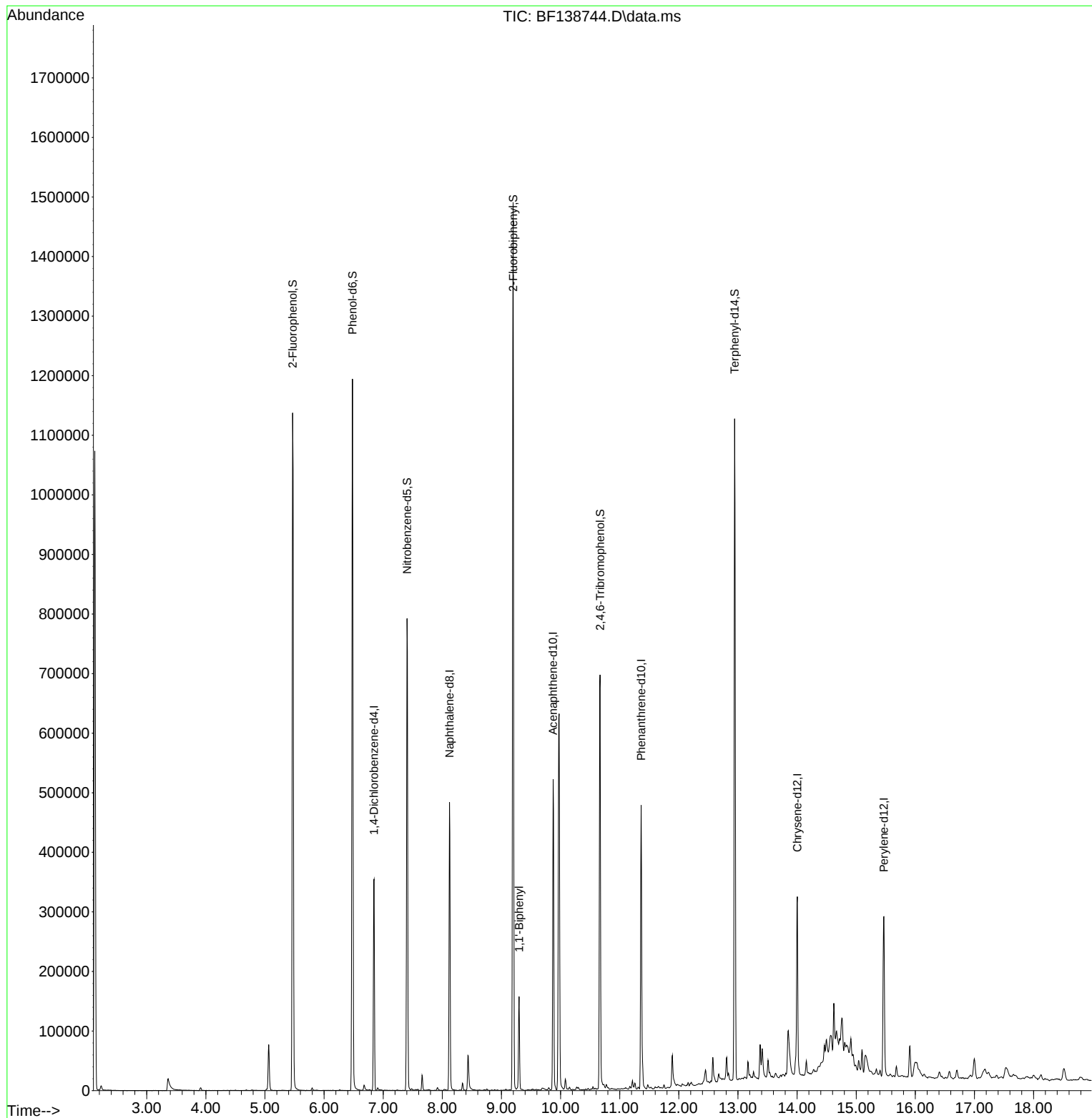
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	69856	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	286958	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	151099	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	236707	20.000	ng	0.00
76) Chrysene-d12	14.004	240	131622	20.000	ng	0.00
86) Perylene-d12	15.468	264	149875	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	393738	87.007	ng	0.00
7) Phenol-d6	6.481	99	529989	87.230	ng	0.00
23) Nitrobenzene-d5	7.404	82	346566	59.047	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	105260	85.045	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	611406	60.797	ng	0.00
79) Terphenyl-d14	12.945	244	516111	65.651	ng	0.00
Target Compounds						
46) 1,1'-Biphenyl	9.298	154	67336	5.690	ng	Qvalue 98

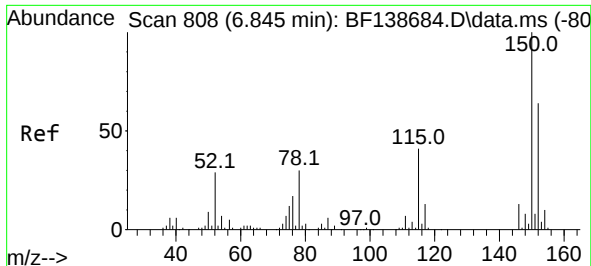
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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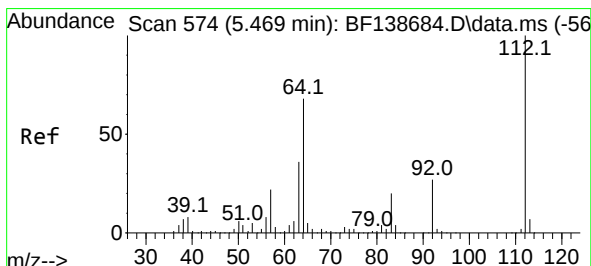
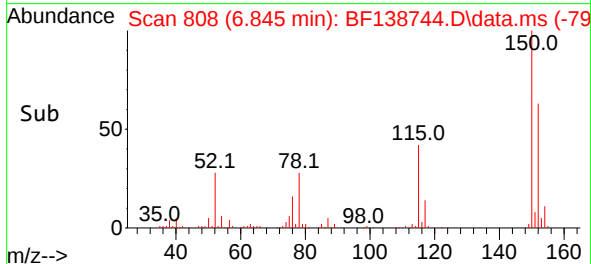
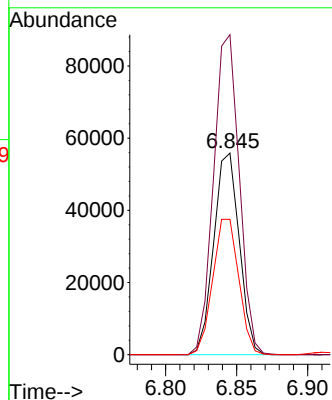
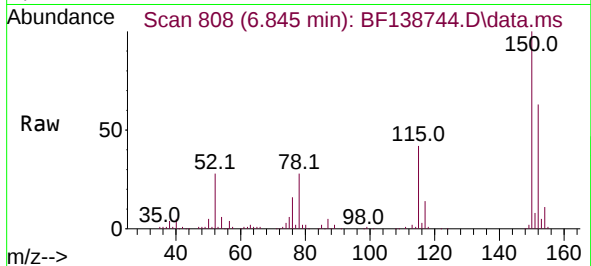




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138744.D
Acq: 02 Aug 2024 13:30

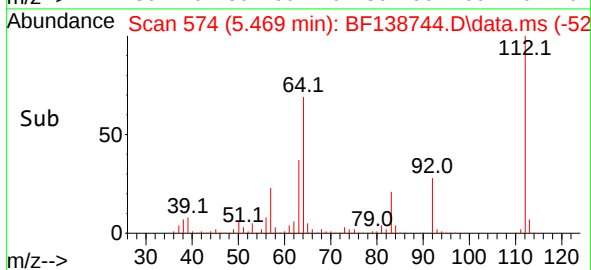
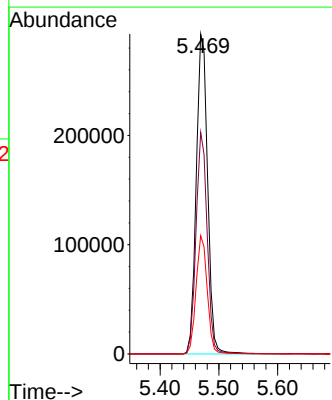
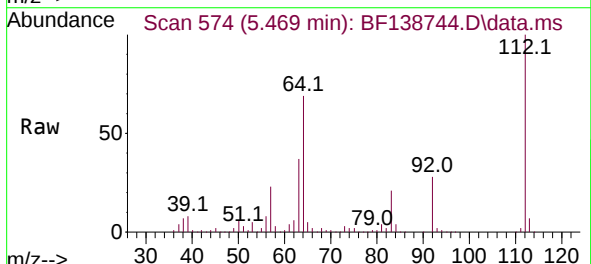
Instrument :
BNA_F
ClientSampleId :
355

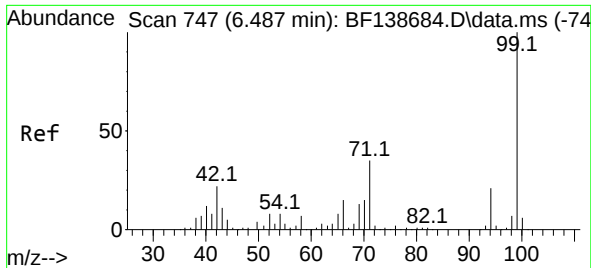
Tgt Ion:152 Resp: 69856
Ion Ratio Lower Upper
152 100
150 158.7 126.0 189.0
115 67.1 51.7 77.5



#5
2-Fluorophenol
Concen: 87.007 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138744.D
Acq: 02 Aug 2024 13:30

Tgt Ion:112 Resp: 393738
Ion Ratio Lower Upper
112 100
64 69.3 54.2 81.4
63 37.0 28.7 43.1

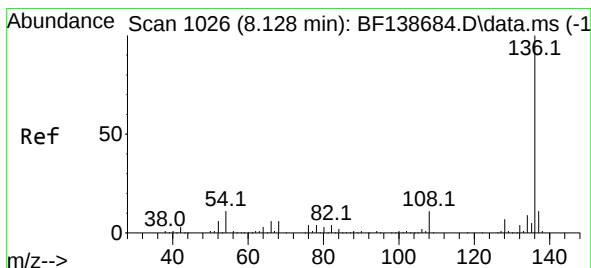
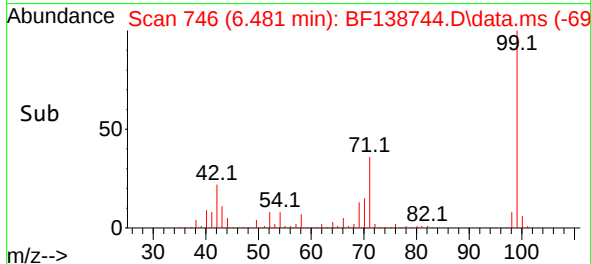
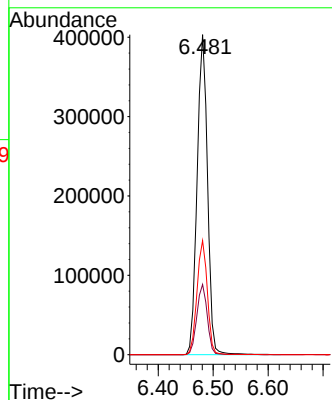
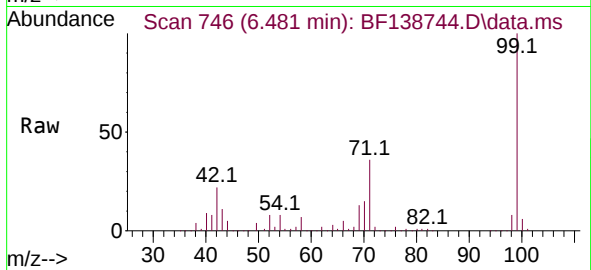




#7
Phenol-d6
Concen: 87.230 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138744.D
Acq: 02 Aug 2024 13:30

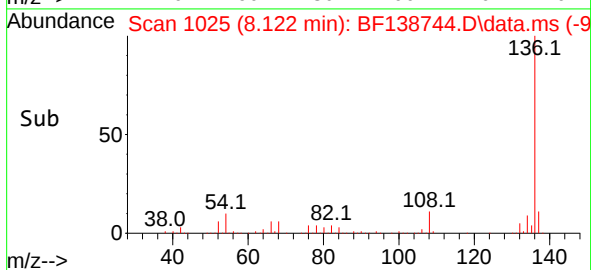
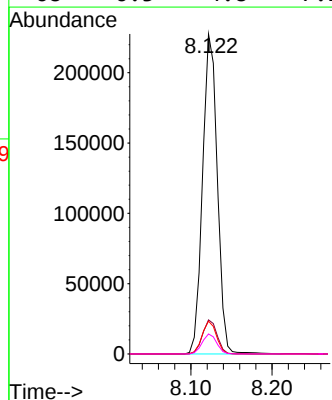
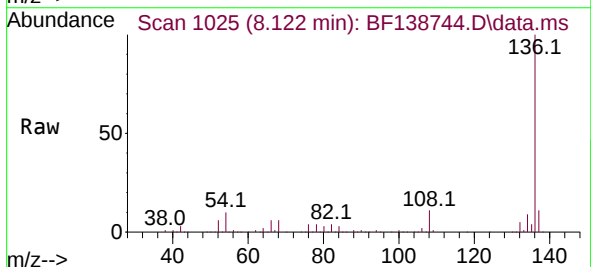
Instrument :
BNA_F
ClientSampleId :
355

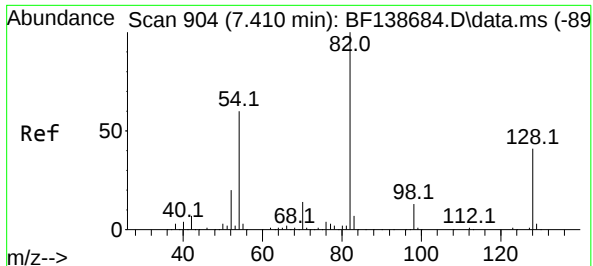
Tgt Ion: 99 Resp: 529989
Ion Ratio Lower Upper
99 100
42 22.0 17.4 26.0
71 35.6 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138744.D
Acq: 02 Aug 2024 13:30

Tgt Ion: 136 Resp: 286958
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 10.3 8.6 12.8
68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 59.047 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138744.D

Acq: 02 Aug 2024 13:30

Instrument :

BNA_F

ClientSampleId :

355

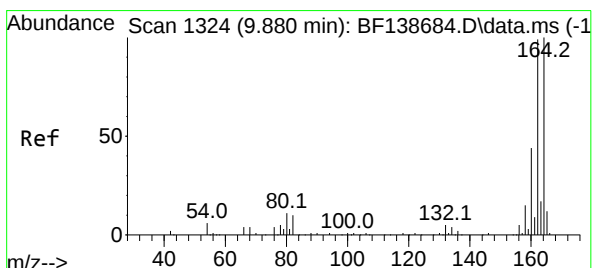
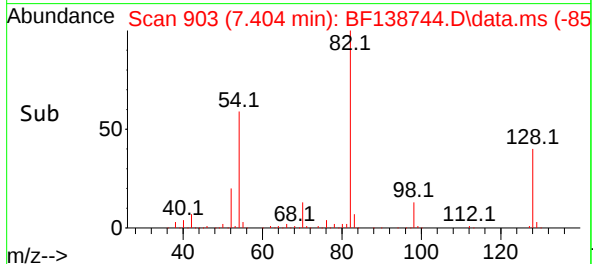
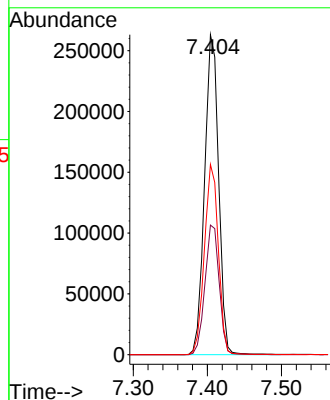
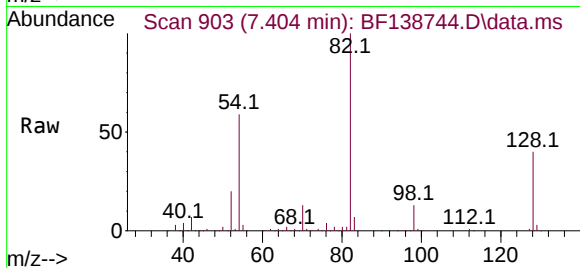
Tgt Ion: 82 Resp: 346566

Ion Ratio Lower Upper

82 100

128 40.5 32.8 49.2

54 59.5 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: BF138744.D

Acq: 02 Aug 2024 13:30

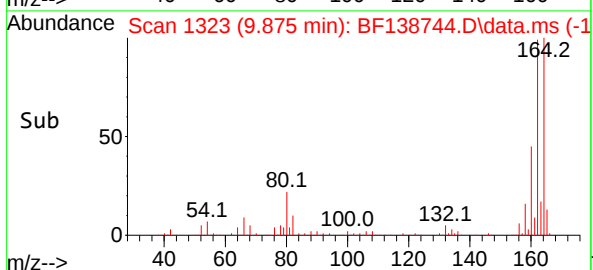
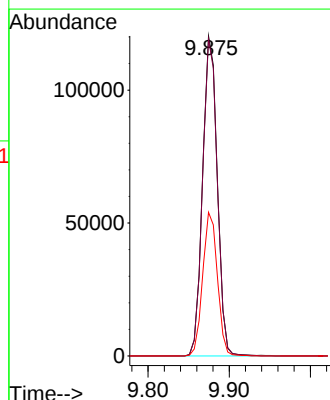
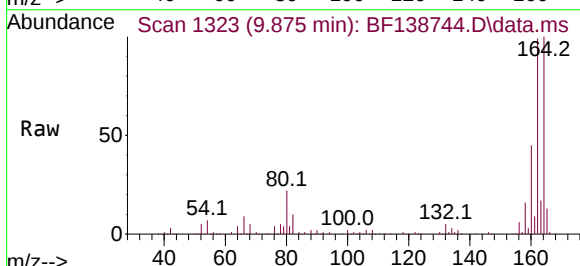
Tgt Ion: 164 Resp: 151099

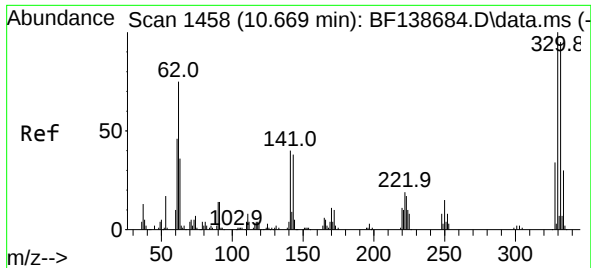
Ion Ratio Lower Upper

164 100

162 99.1 79.4 119.0

160 44.9 35.1 52.7

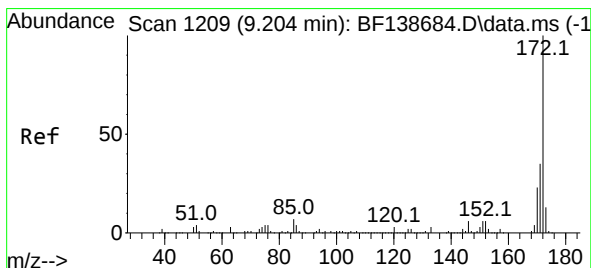
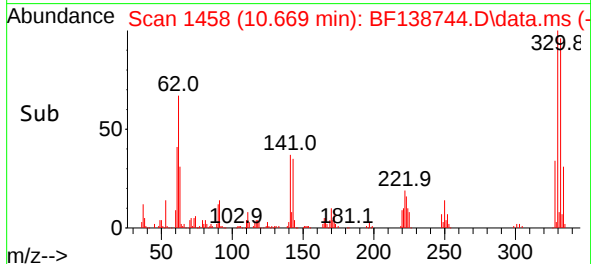
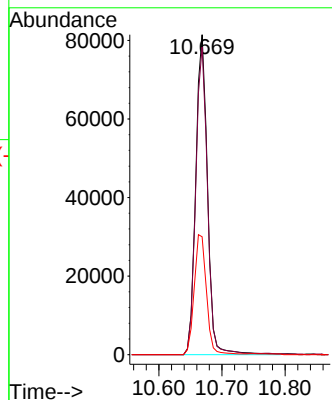
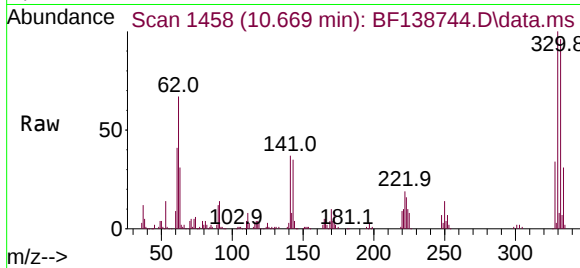




#42
2,4,6-Tribromophenol
Concen: 85.045 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138744.D
Acq: 02 Aug 2024 13:30

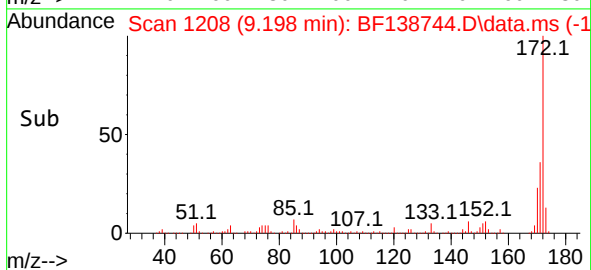
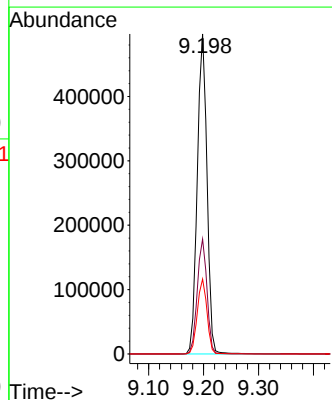
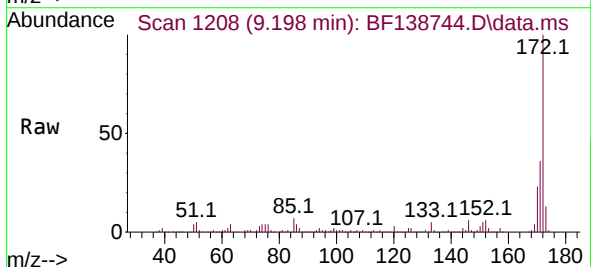
Instrument :
BNA_F
ClientSampleId :
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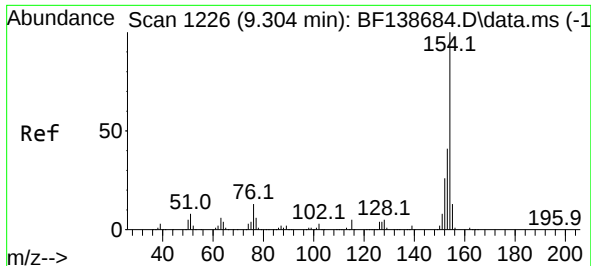
Tgt Ion: 330 Resp: 105260
Ion Ratio Lower Upper
330 100
332 95.9 76.4 114.6
141 39.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 60.797 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138744.D
Acq: 02 Aug 2024 13:30

Tgt Ion: 172 Resp: 611406
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.4 18.8 28.2

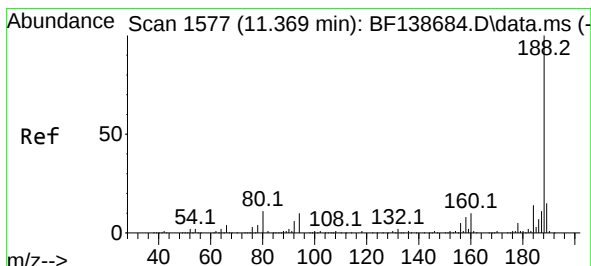
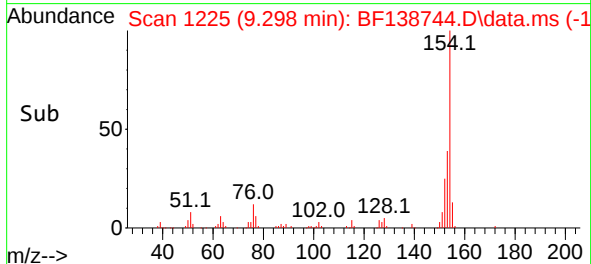
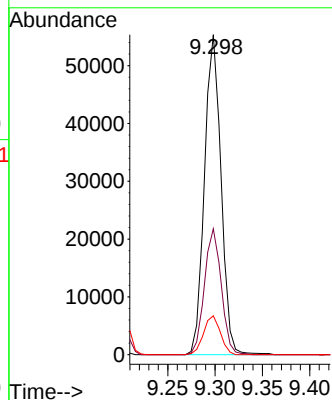
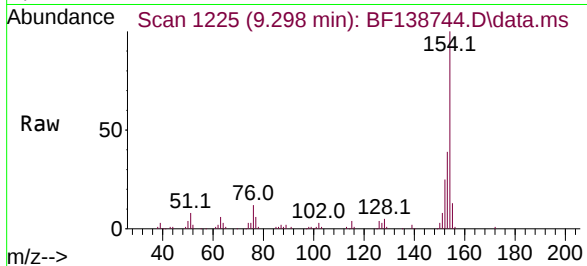




#46
1,1'-Biphenyl
Concen: 5.690 ng
RT: 9.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138744.D
Acq: 02 Aug 2024 13:30

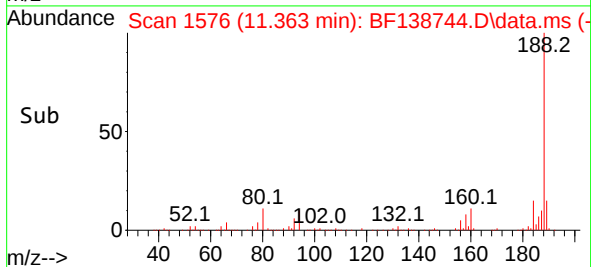
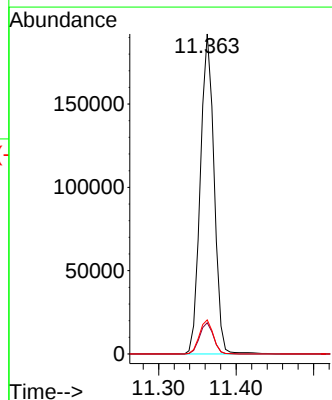
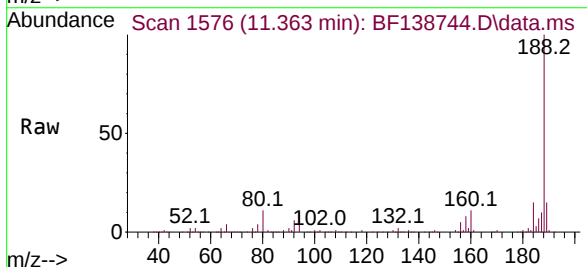
Instrument :
BNA_F
ClientSampleId :
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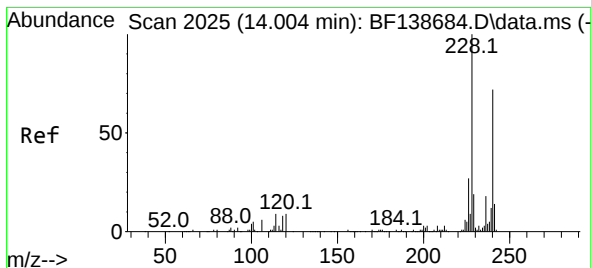
Tgt Ion:154 Resp: 67336
Ion Ratio Lower Upper
154 100
153 39.3 20.8 60.8
76 12.2 0.0 32.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138744.D
Acq: 02 Aug 2024 13:30

Tgt Ion:188 Resp: 236707
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.6 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: BF138744.D

Acq: 02 Aug 2024 13:30

Instrument :

BNA_F

ClientSampleId :

355

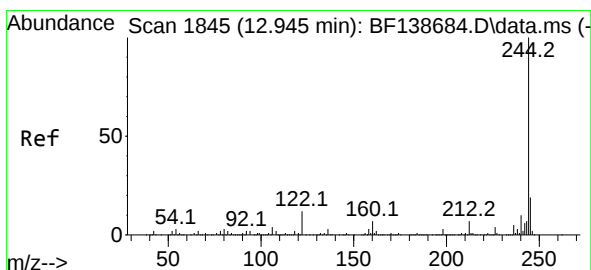
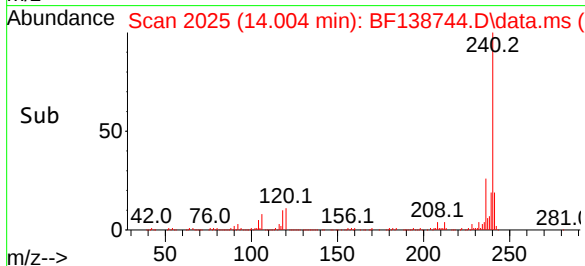
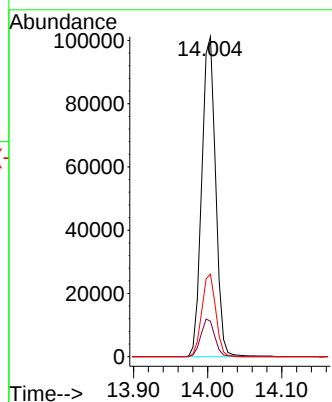
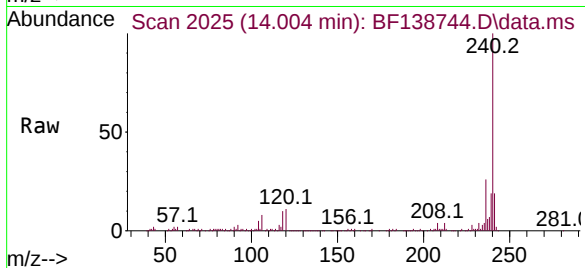
Tgt Ion:240 Resp: 131622

Ion Ratio Lower Upper

240 100

120 11.1 10.2 15.4

236 25.8 19.8 29.8



#79

Terphenyl-d14

Concen: 65.651 ng

RT: 12.945 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BF138744.D

Acq: 02 Aug 2024 13:30

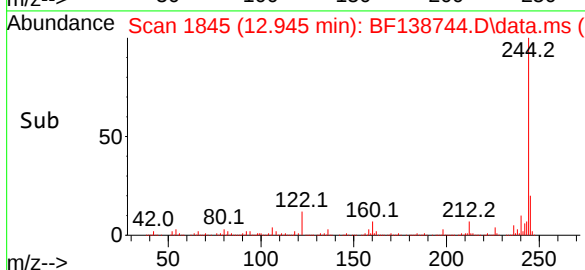
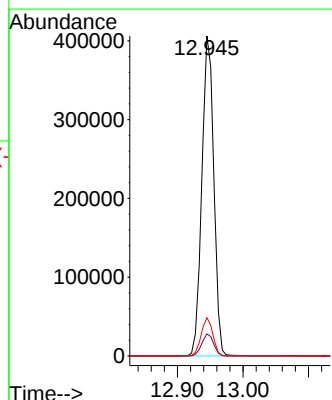
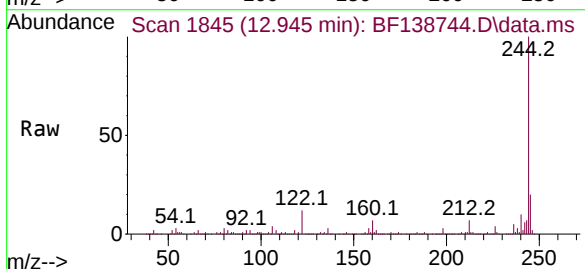
Tgt Ion:244 Resp: 516111

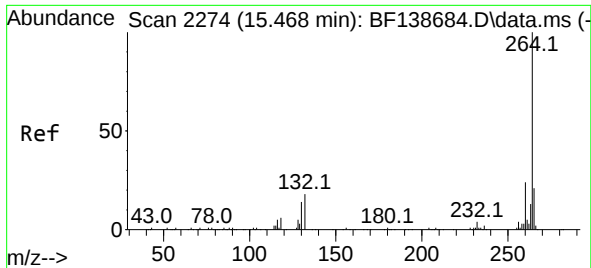
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 12.0 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF138744.D
 Acq: 02 Aug 2024 13:30

Instrument :
 BNA_F
 ClientSampleId :
 355

Tgt Ion:264	Resp:	149875
Ion	Ratio	Lower Upper
264	100	
260	23.0	19.0 28.6
265	20.8	17.0 25.6

