

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073124\
 Data File : BF138712.D
 Acq On : 31 Jul 2024 20:07
 Operator : RC/JU
 Sample : P3402-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 355

Quant Time: Aug 01 04:34:04 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)

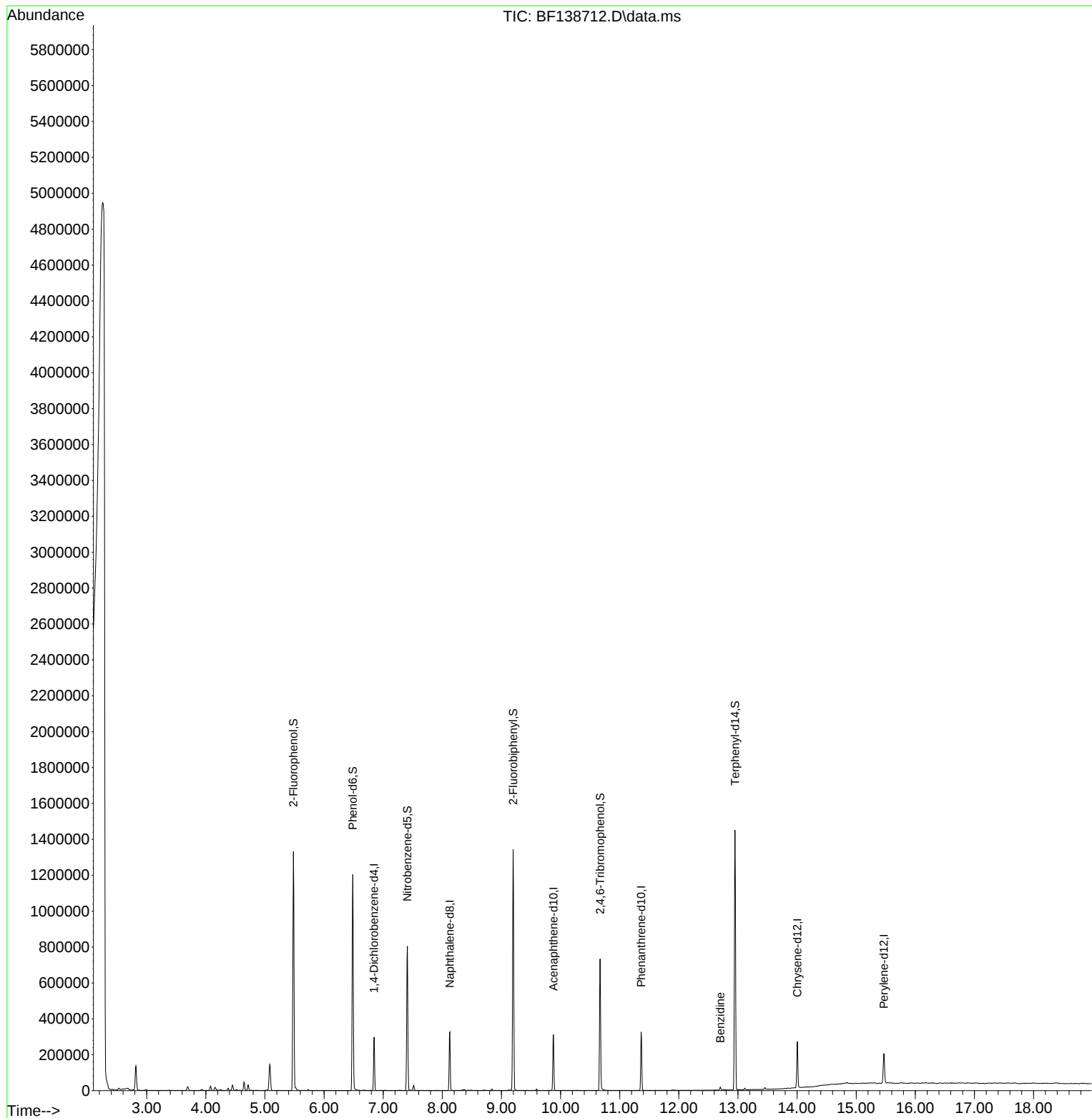
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	56857	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	196806	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	90762	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	161629	20.000	ng	0.00
76) Chrysene-d12	14.004	240	114701	20.000	ng	0.00
86) Perylene-d12	15.468	264	88151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	445185	120.867	ng	0.01
7) Phenol-d6	6.487	99	535469	108.281	ng	0.00
23) Nitrobenzene-d5	7.410	82	350372	87.041	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	107826	145.032	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	553489	91.626	ng	0.00
79) Terphenyl-d14	12.951	244	673926	98.372	ng	0.00
Target Compounds						
77) Benzidine	12.704	184	10324	3.763	ng	Qvalue 98

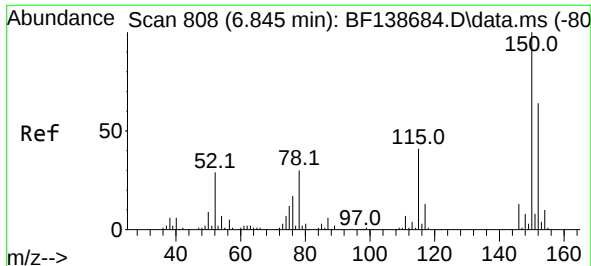
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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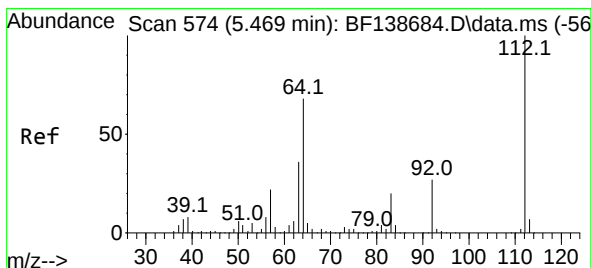
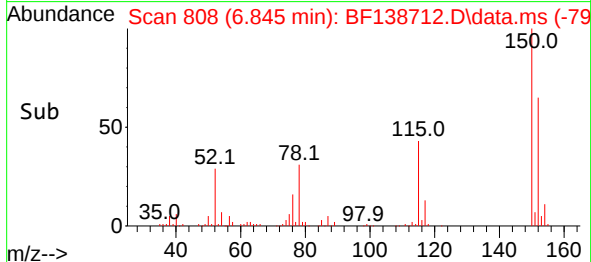
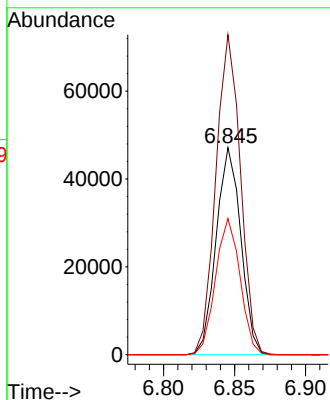
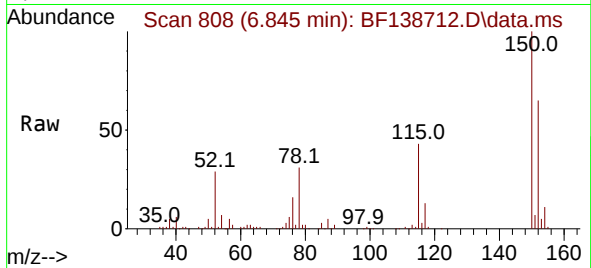




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138712.D
Acq: 31 Jul 2024 20:07

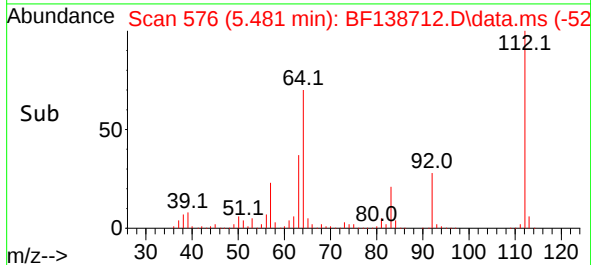
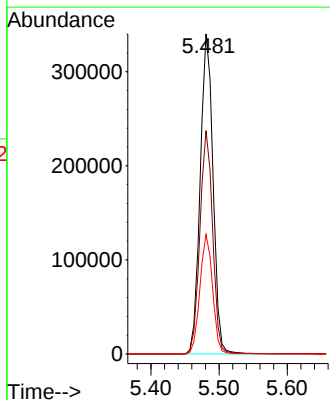
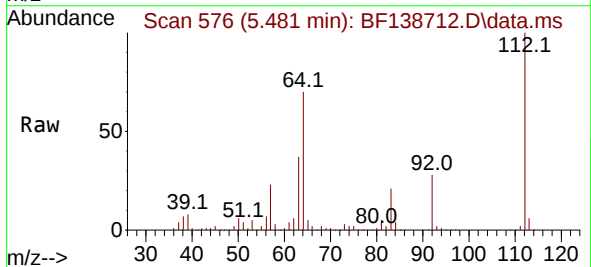
Instrument :
BNA_F
ClientSampleId :
355

Tgt Ion:152 Resp: 56857
Ion Ratio Lower Upper
152 100
150 154.5 126.0 189.0
115 65.8 51.7 77.5



#5
2-Fluorophenol
Concen: 120.867 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138712.D
Acq: 31 Jul 2024 20:07

Tgt Ion:112 Resp: 445185
Ion Ratio Lower Upper
112 100
64 69.8 54.2 81.4
63 37.3 28.7 43.1

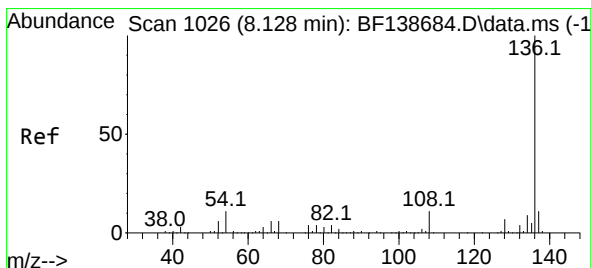
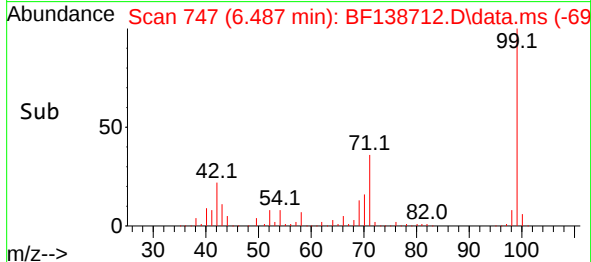
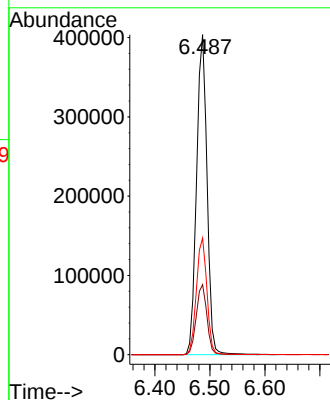
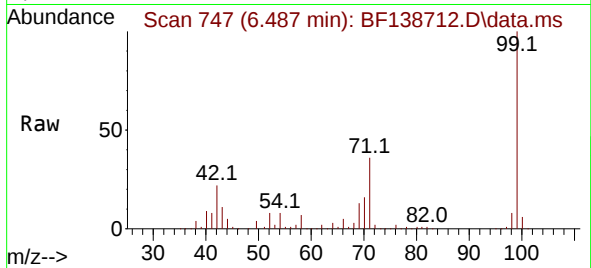




#7
Phenol-d6
Concen: 108.281 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138712.D
Acq: 31 Jul 2024 20:07

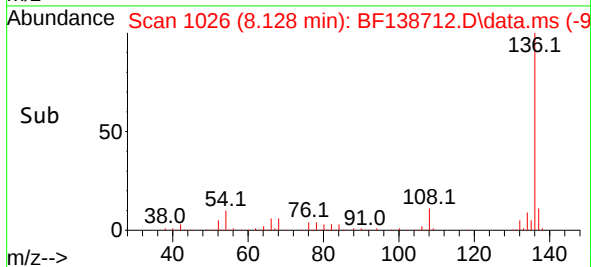
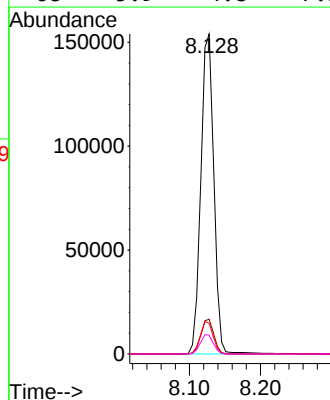
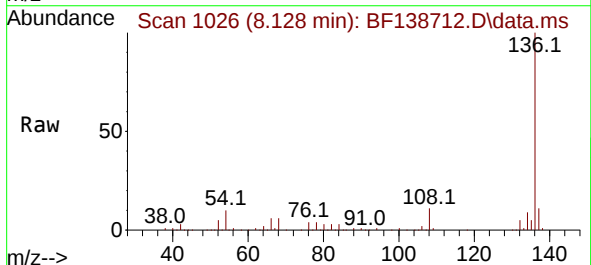
Instrument :
BNA_F
ClientSampleId :
355

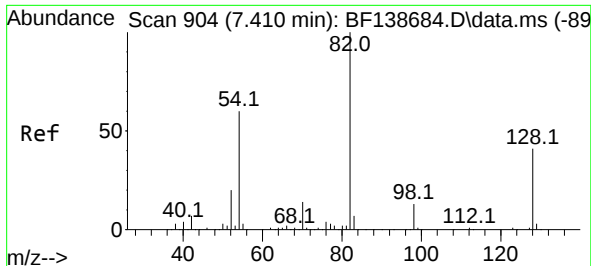
Tgt Ion: 99 Resp: 535469
Ion Ratio Lower Upper
99 100
42 21.9 17.4 26.0
71 36.4 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138712.D
Acq: 31 Jul 2024 20:07

Tgt Ion: 136 Resp: 196806
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.7 8.6 12.8
68 5.9 4.8 7.2

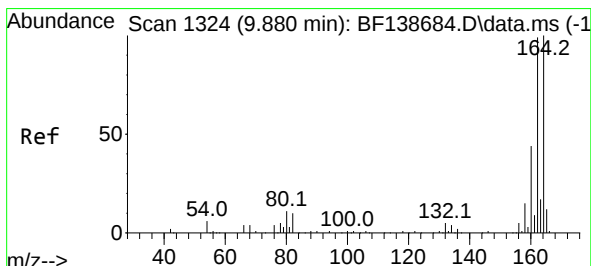
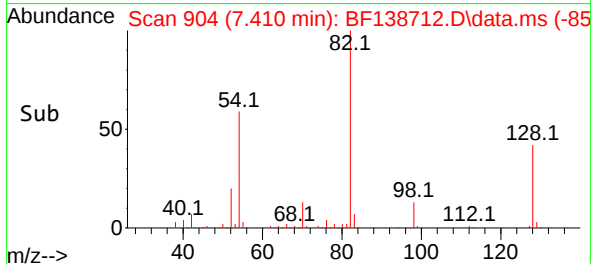
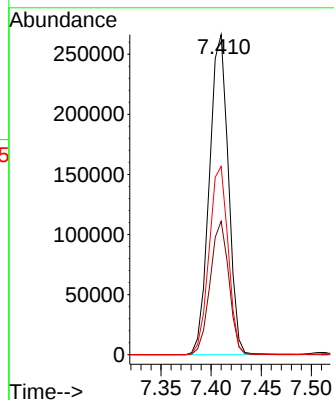
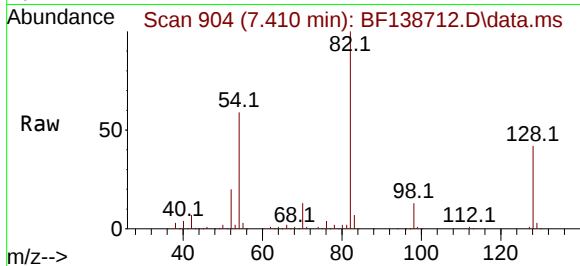




#23
Nitrobenzene-d5
Concen: 87.041 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138712.D
Acq: 31 Jul 2024 20:07

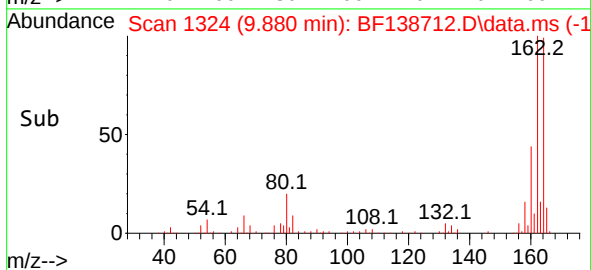
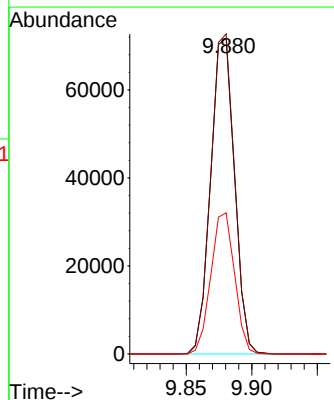
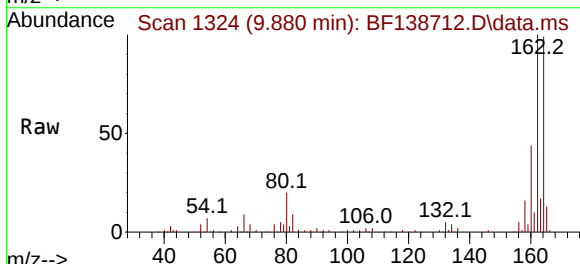
Instrument :
BNA_F
ClientSampleId :
355

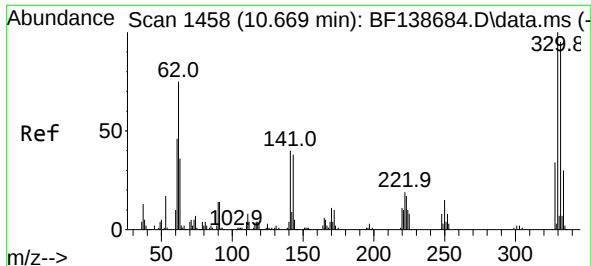
Tgt Ion: 82 Resp: 350372
Ion Ratio Lower Upper
82 100
128 41.7 32.8 49.2
54 58.8 48.3 72.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF138712.D
Acq: 31 Jul 2024 20:07

Tgt Ion:164 Resp: 90762
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.0
160 44.7 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 145.032 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BF138712.D

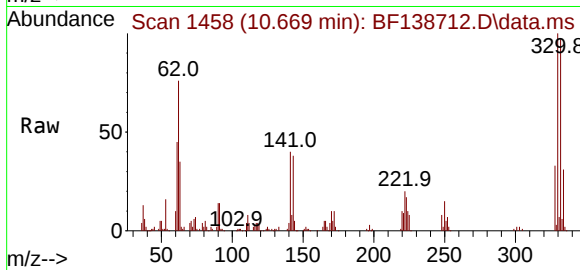
Acq: 31 Jul 2024 20:07

Instrument :

BNA_F

ClientSampleId :

355



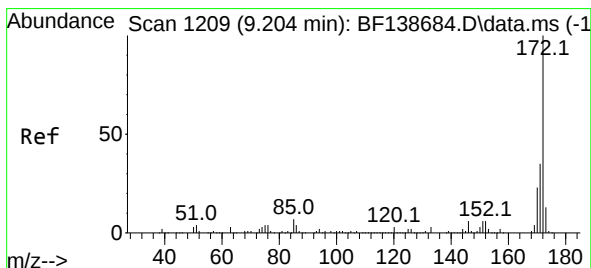
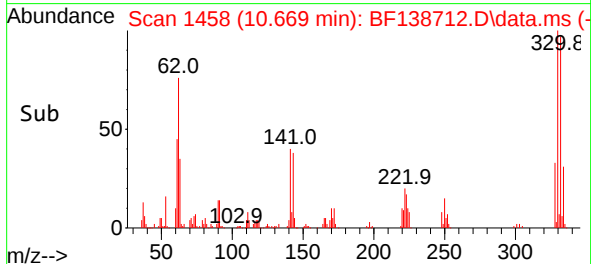
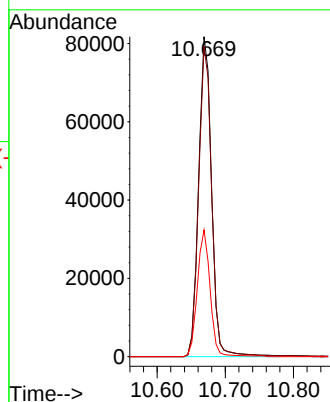
Tgt Ion:330 Resp: 107826

Ion Ratio Lower Upper

330 100

332 97.7 76.4 114.6

141 39.1 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 91.626 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138712.D

Acq: 31 Jul 2024 20:07

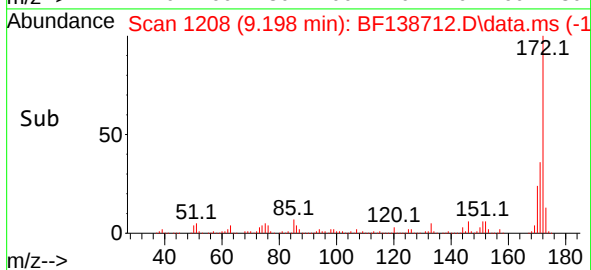
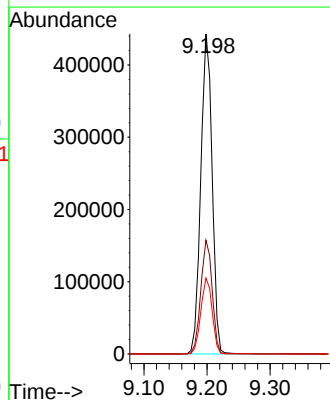
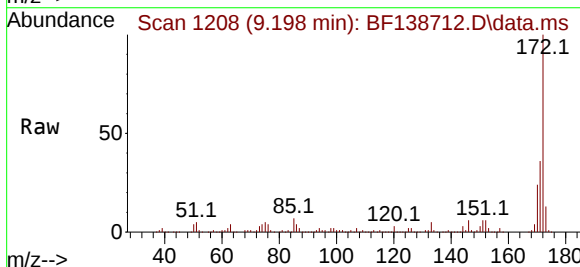
Tgt Ion:172 Resp: 553489

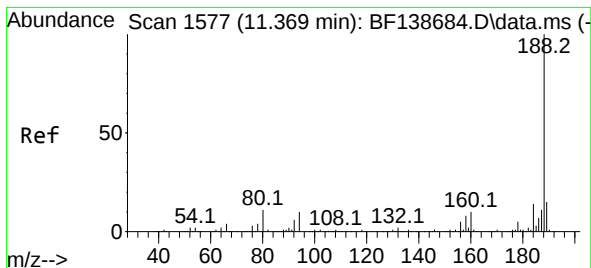
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138712.D

Acq: 31 Jul 2024 20:07

Instrument :

BNA_F

ClientSampleId :

355

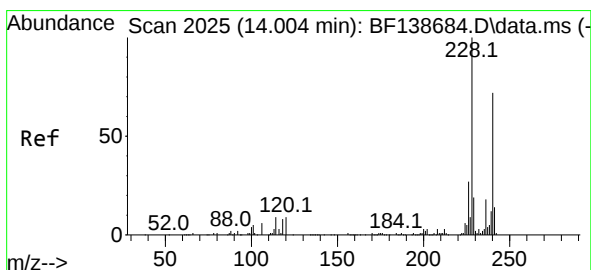
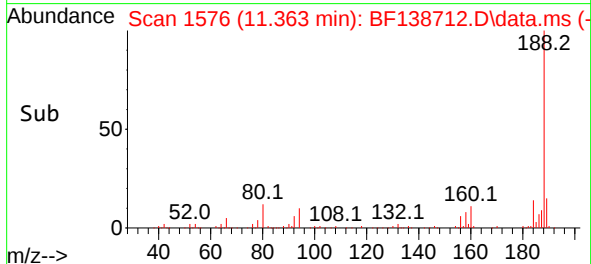
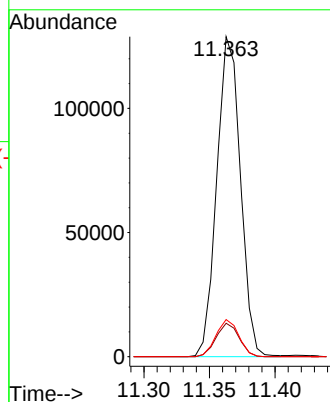
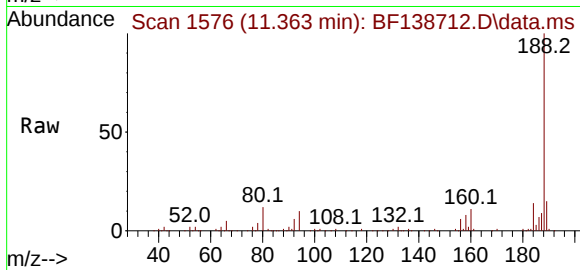
Tgt Ion:188 Resp: 161629

Ion Ratio Lower Upper

188 100

94 10.4 7.6 11.4

80 11.6 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: BF138712.D

Acq: 31 Jul 2024 20:07

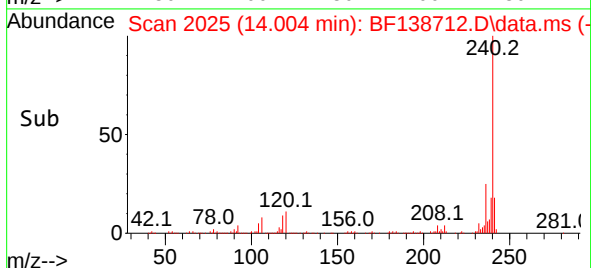
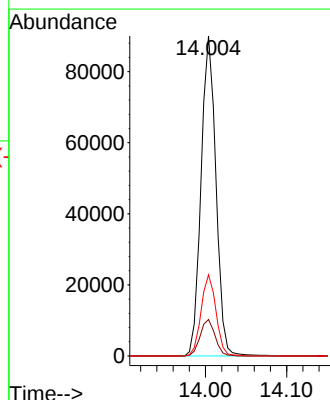
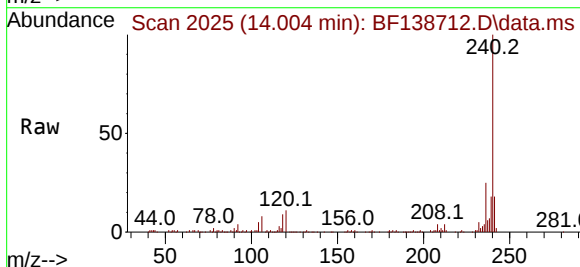
Tgt Ion:240 Resp: 114701

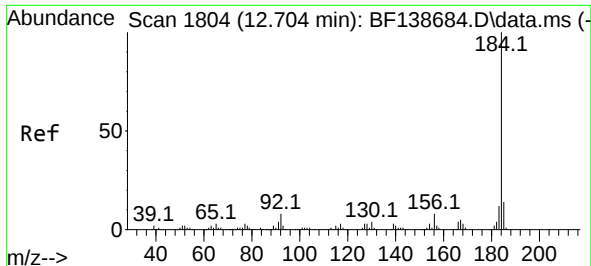
Ion Ratio Lower Upper

240 100

120 11.4 10.2 15.4

236 25.3 19.8 29.8

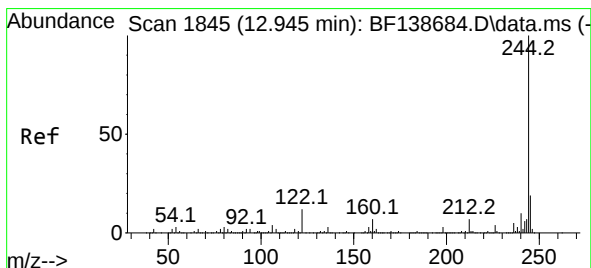
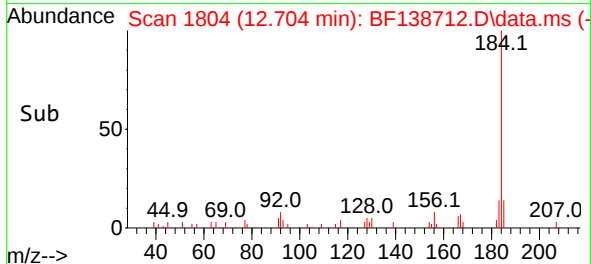
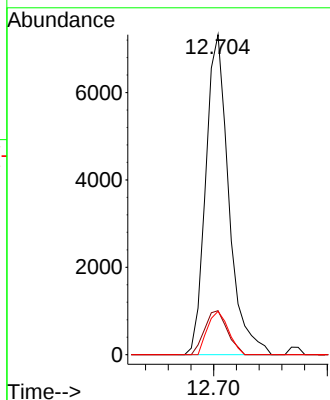
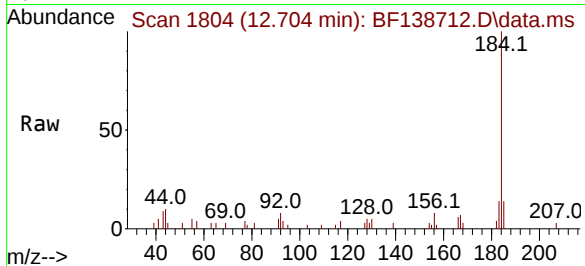




#77
Benzidine
Concen: 3.763 ng
RT: 12.704 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF138712.D
Acq: 31 Jul 2024 20:07

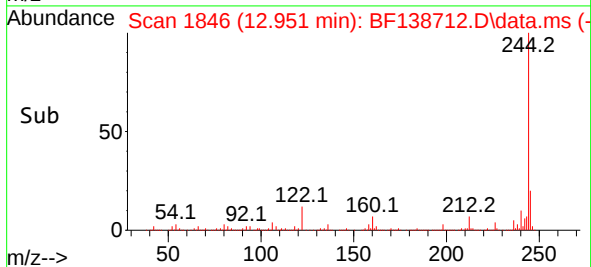
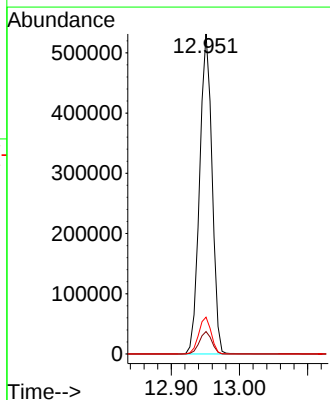
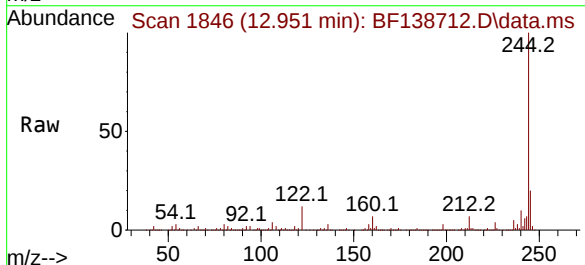
Instrument :
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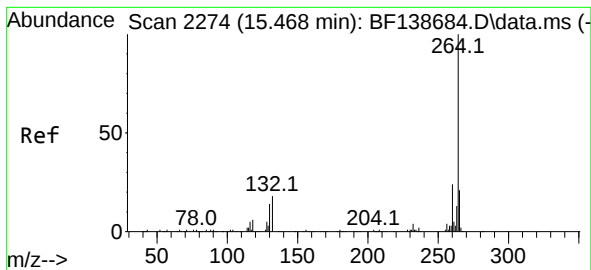
Tgt Ion:184 Resp: 10324
Ion Ratio Lower Upper
184 100
185 13.8 11.1 16.7
183 13.5 9.6 14.4



#79
Terphenyl-d14
Concen: 98.372 ng
RT: 12.951 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BF138712.D
Acq: 31 Jul 2024 20:07

Tgt Ion:244 Resp: 673926
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.5 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: BF138712.D

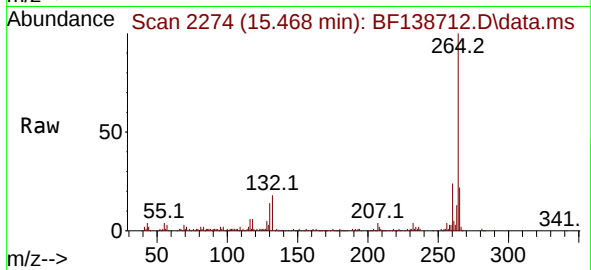
Acq: 31 Jul 2024 20:07

Instrument :

BNA_F

ClientSampleId :

355



Tgt Ion:264 Resp: 88151

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.6 17.0 25.6

