

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140651.D
 Acq On : 26 Nov 2024 19:19
 Operator : RC/JU
 Sample : P4985-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-740-WC

Quant Time: Nov 27 00:08:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	54801	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	196711	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	105898	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	193437	20.000	ng	0.00
76) Chrysene-d12	14.045	240	122817	20.000	ng	0.00
86) Perylene-d12	15.539	264	103680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	244697	76.186	ng	0.00
7) Phenol-d6	6.504	99	318000	74.891	ng	-0.01
23) Nitrobenzene-d5	7.428	82	193660	50.357	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	80239	70.846	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	376983	53.040	ng	-0.01
79) Terphenyl-d14	12.980	244	336315	42.640	ng	-0.01

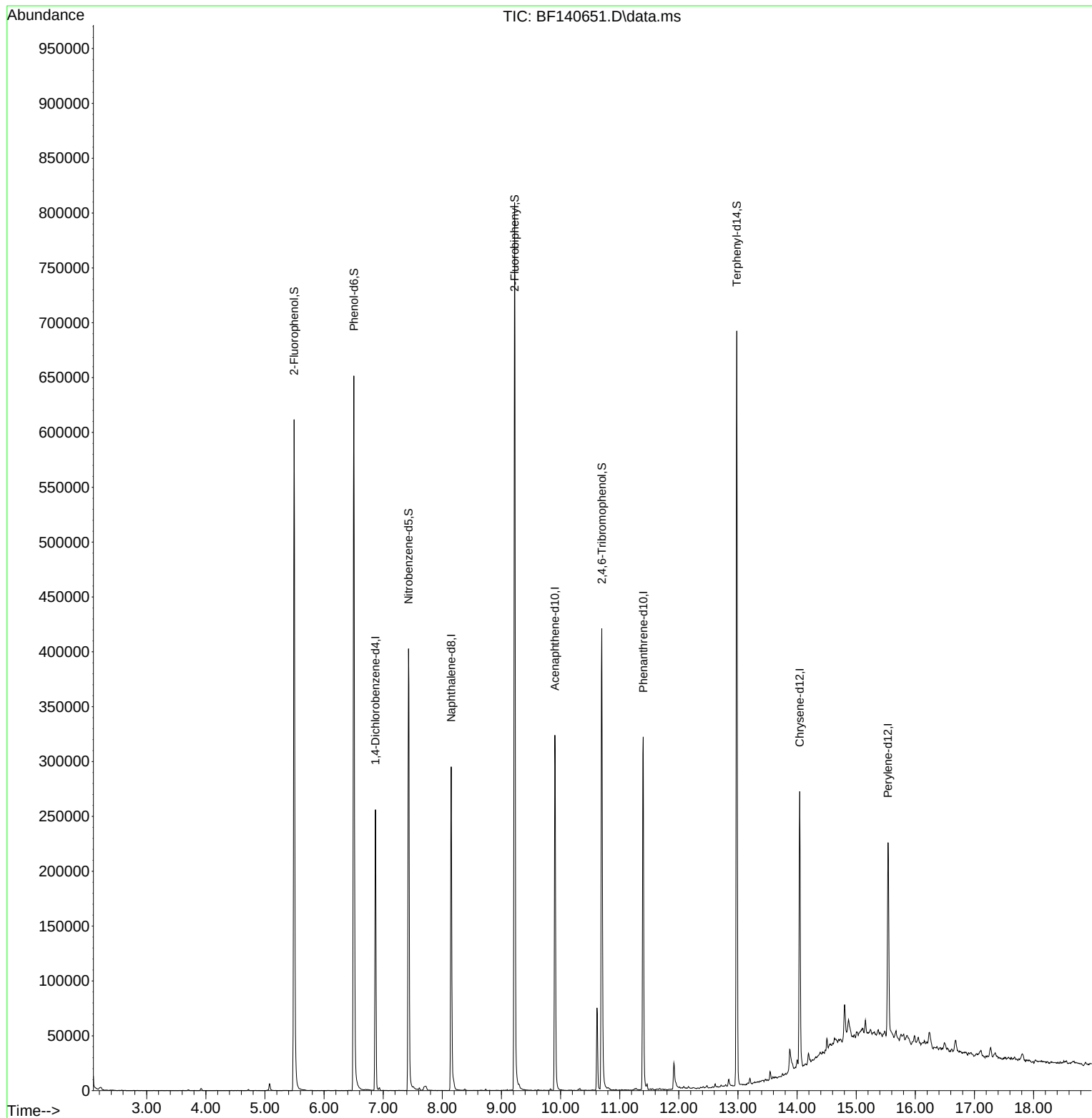
Target Compounds	Qvalue

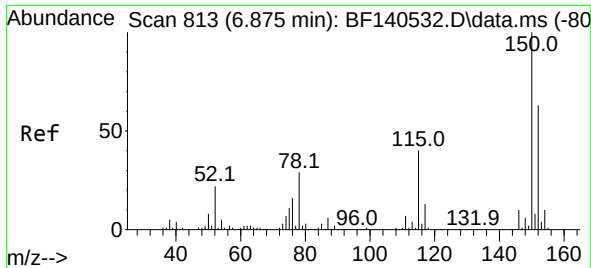
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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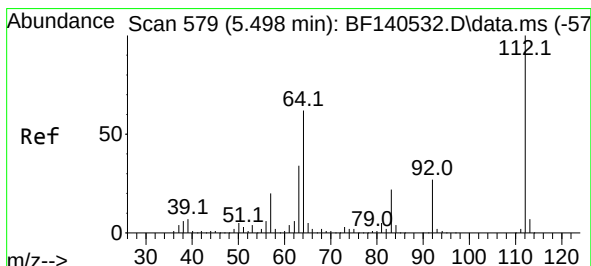
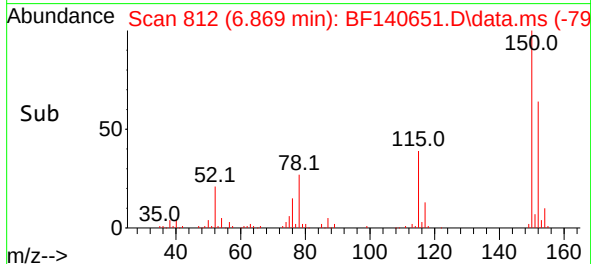
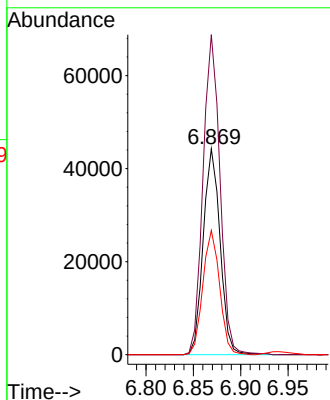
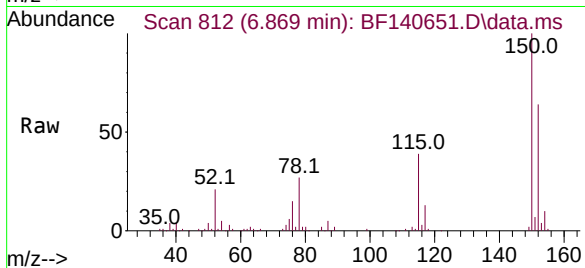




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

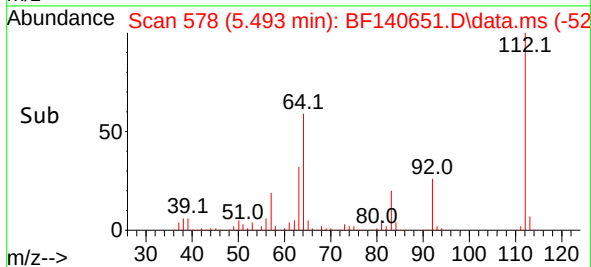
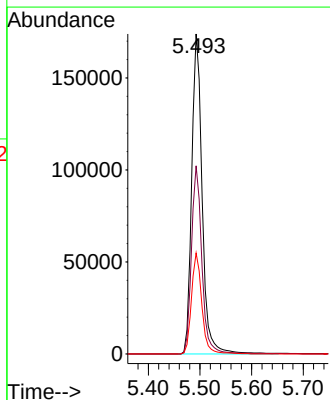
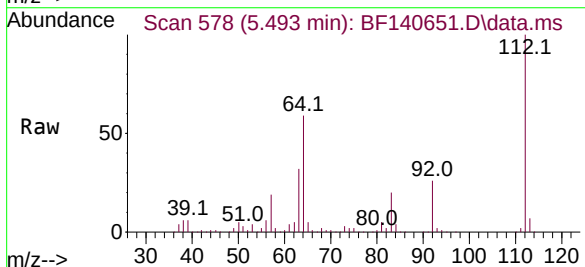
Instrument :
BNA_F
ClientSampleId :
MH-740-WC

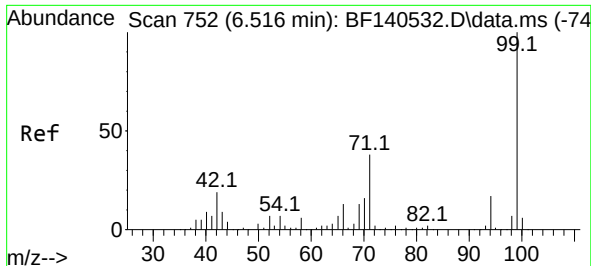
Tgt Ion:152 Resp: 54801
Ion Ratio Lower Upper
152 100
150 155.4 128.5 192.7
115 60.3 50.2 75.4



#5
2-Fluorophenol
Concen: 76.186 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

Tgt Ion:112 Resp: 244697
Ion Ratio Lower Upper
112 100
64 58.8 49.2 73.8
63 31.5 27.0 40.4

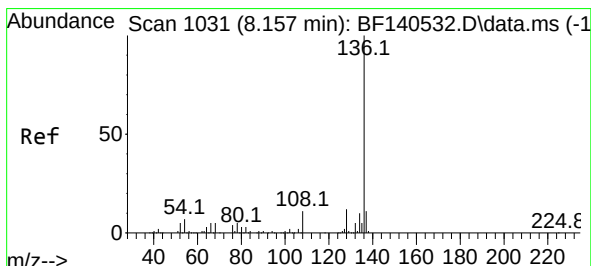
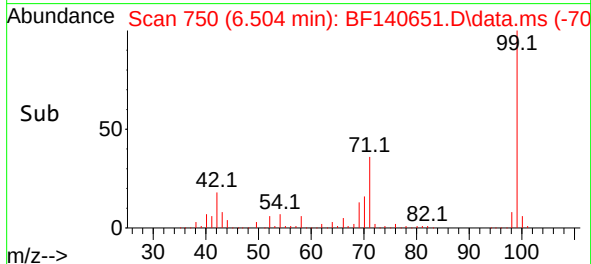
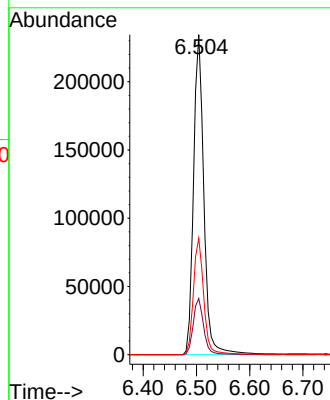
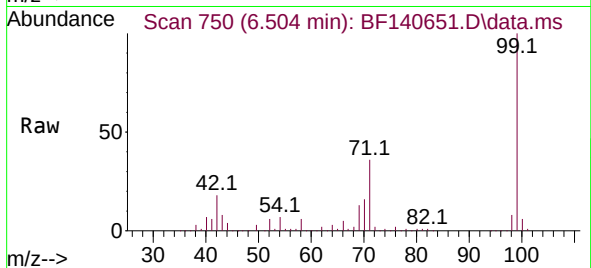




#7
Phenol-d6
Concen: 74.891 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

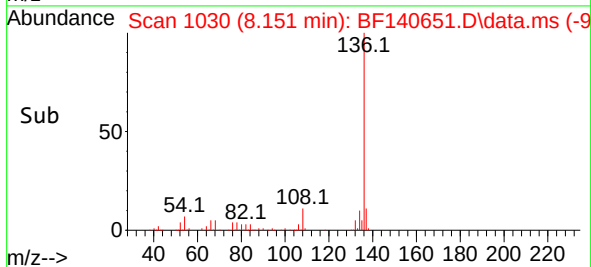
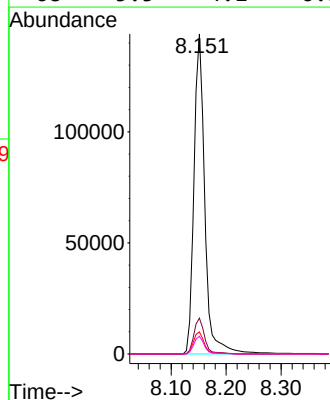
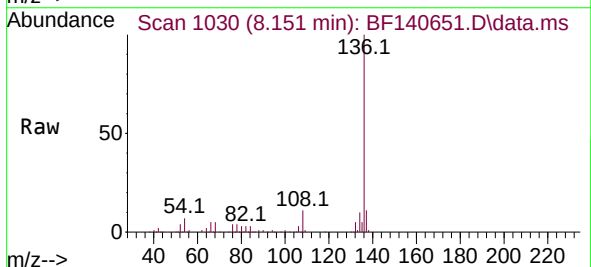
Instrument :
BNA_F
ClientSampleId :
MH-740-WC

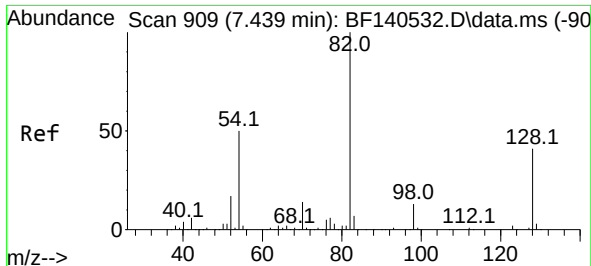
Tgt Ion: 99 Resp: 318000
Ion Ratio Lower Upper
99 100
42 17.6 15.4 23.0
71 36.4 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

Tgt Ion: 136 Resp: 196711
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 6.9 5.8 8.8
68 5.5 4.1 6.1

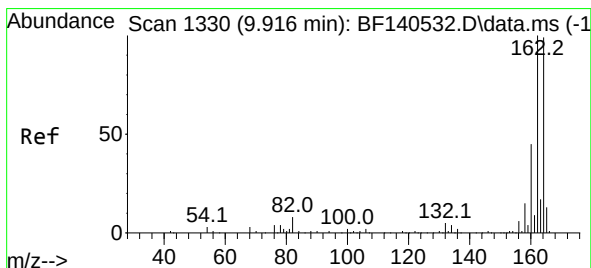
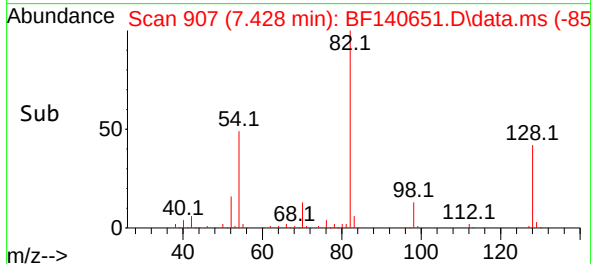
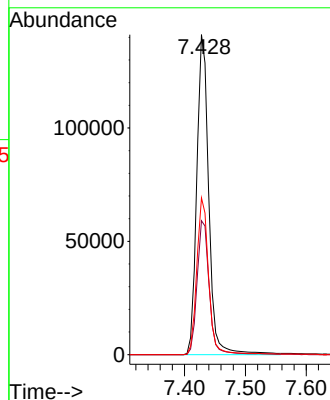
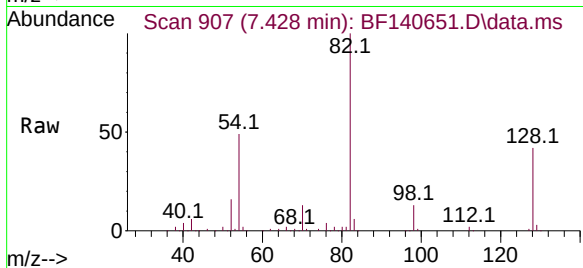




#23
Nitrobenzene-d5
Concen: 50.357 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

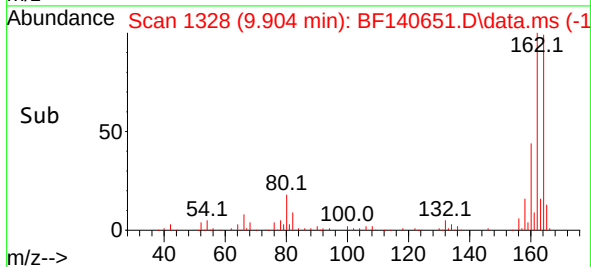
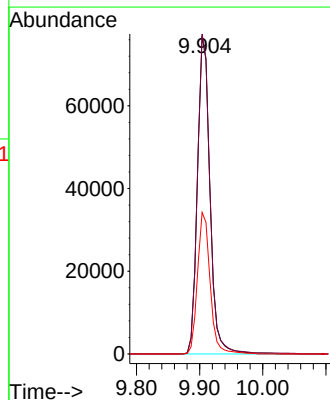
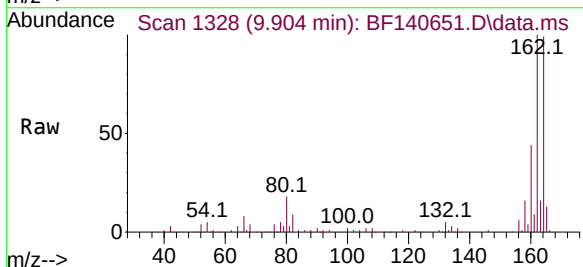
Instrument :
BNA_F
ClientSampleId :
MH-740-WC

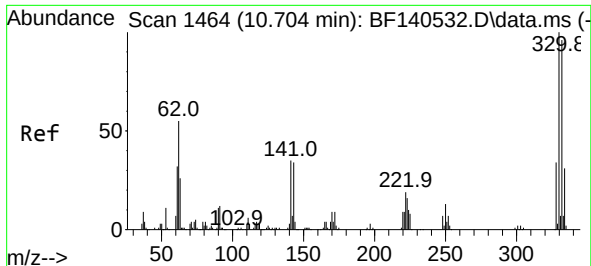
Tgt Ion: 82 Resp: 193660
Ion Ratio Lower Upper
82 100
128 41.9 33.0 49.4
54 49.0 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

Tgt Ion:164 Resp: 105898
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 44.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 70.846 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140651.D

Acq: 26 Nov 2024 19:19

Instrument :

BNA_F

ClientSampleId :

MH-740-WC

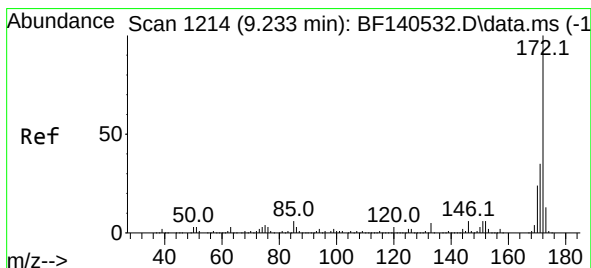
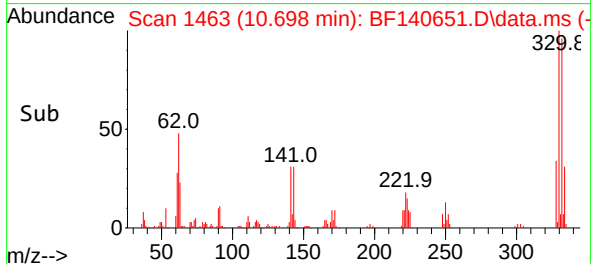
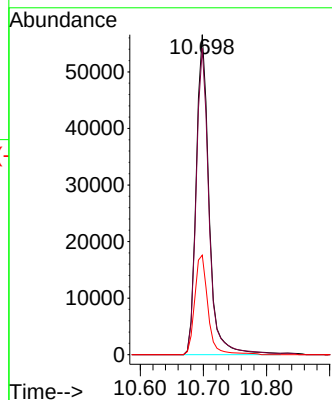
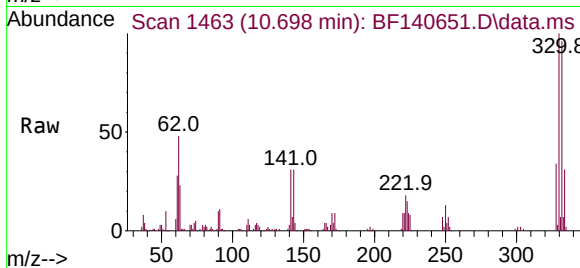
Tgt Ion:330 Resp: 80239

Ion Ratio Lower Upper

330 100

332 95.7 76.9 115.3

141 32.0 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 53.040 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140651.D

Acq: 26 Nov 2024 19:19

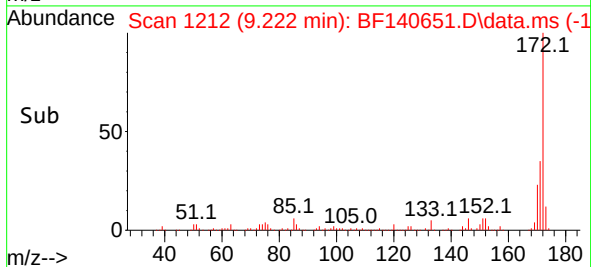
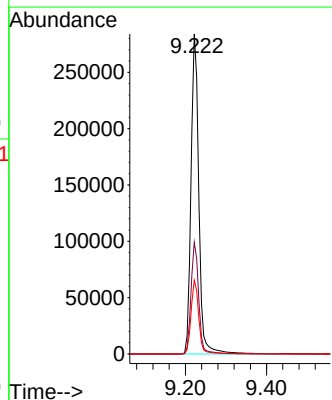
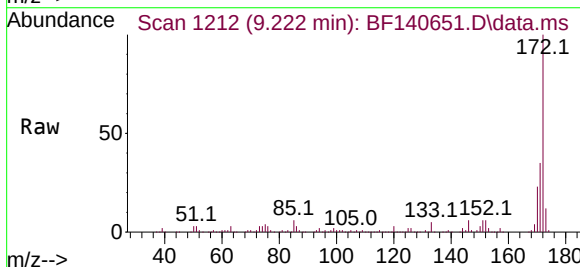
Tgt Ion:172 Resp: 376983

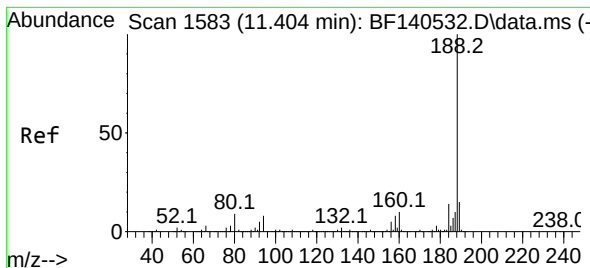
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.0 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140651.D

Acq: 26 Nov 2024 19:19

Instrument :

BNA_F

ClientSampleId :

MH-740-WC

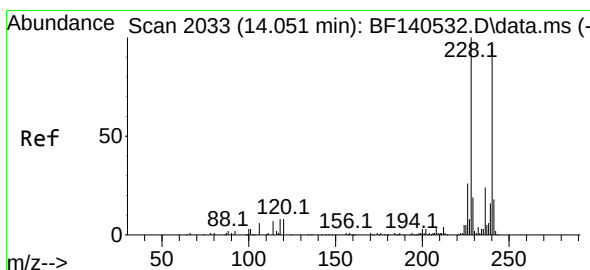
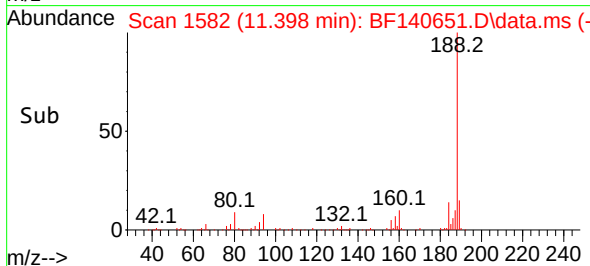
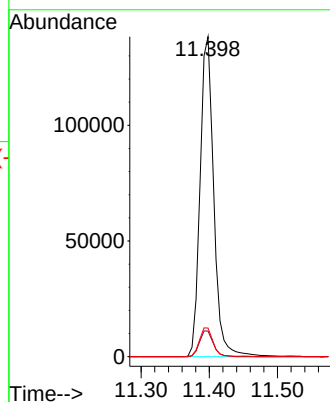
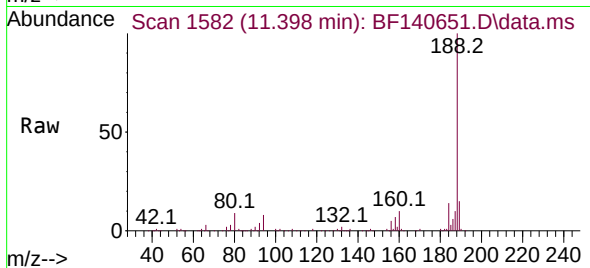
Tgt Ion:188 Resp: 193437

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 9.0 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140651.D

Acq: 26 Nov 2024 19:19

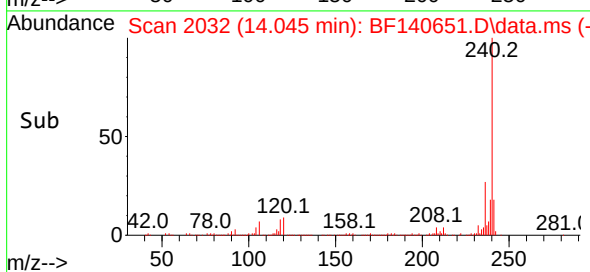
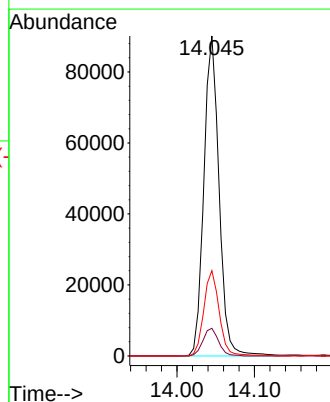
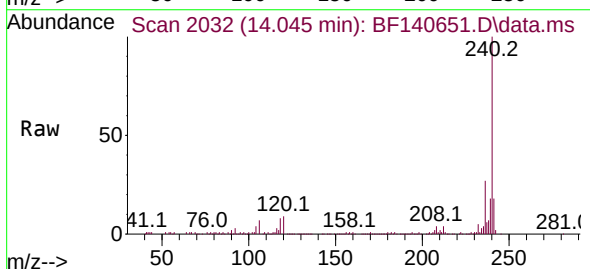
Tgt Ion:240 Resp: 122817

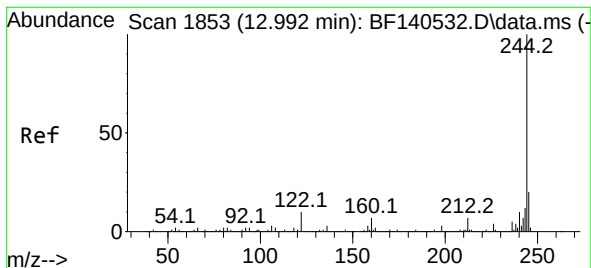
Ion Ratio Lower Upper

240 100

120 8.6 7.3 10.9

236 26.6 20.6 31.0





#79

Terphenyl-d14

Concen: 42.640 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140651.D

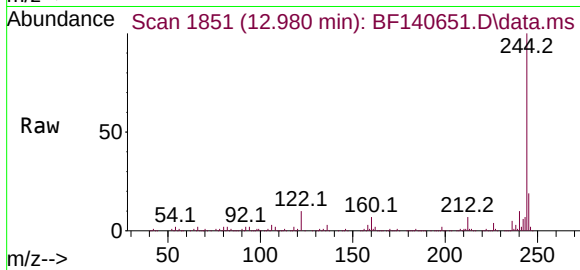
Acq: 26 Nov 2024 19:19

Instrument :

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MH-740-WC



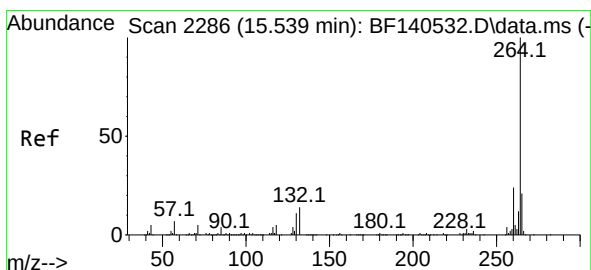
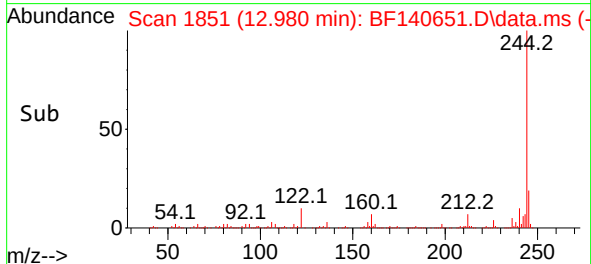
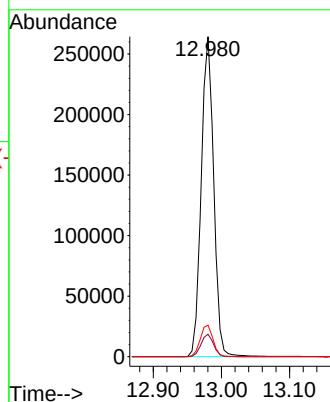
Tgt Ion:244 Resp: 336315

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.8 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.000 min

Lab File: BF140651.D

Acq: 26 Nov 2024 19:19

Tgt Ion:264 Resp: 103680

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.7 16.6 25.0

