

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140612.D
 Acq On : 25 Nov 2024 19:26
 Operator : RC/JU
 Sample : P4892-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-310-BOT

Quant Time: Nov 26 00:09:12 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)

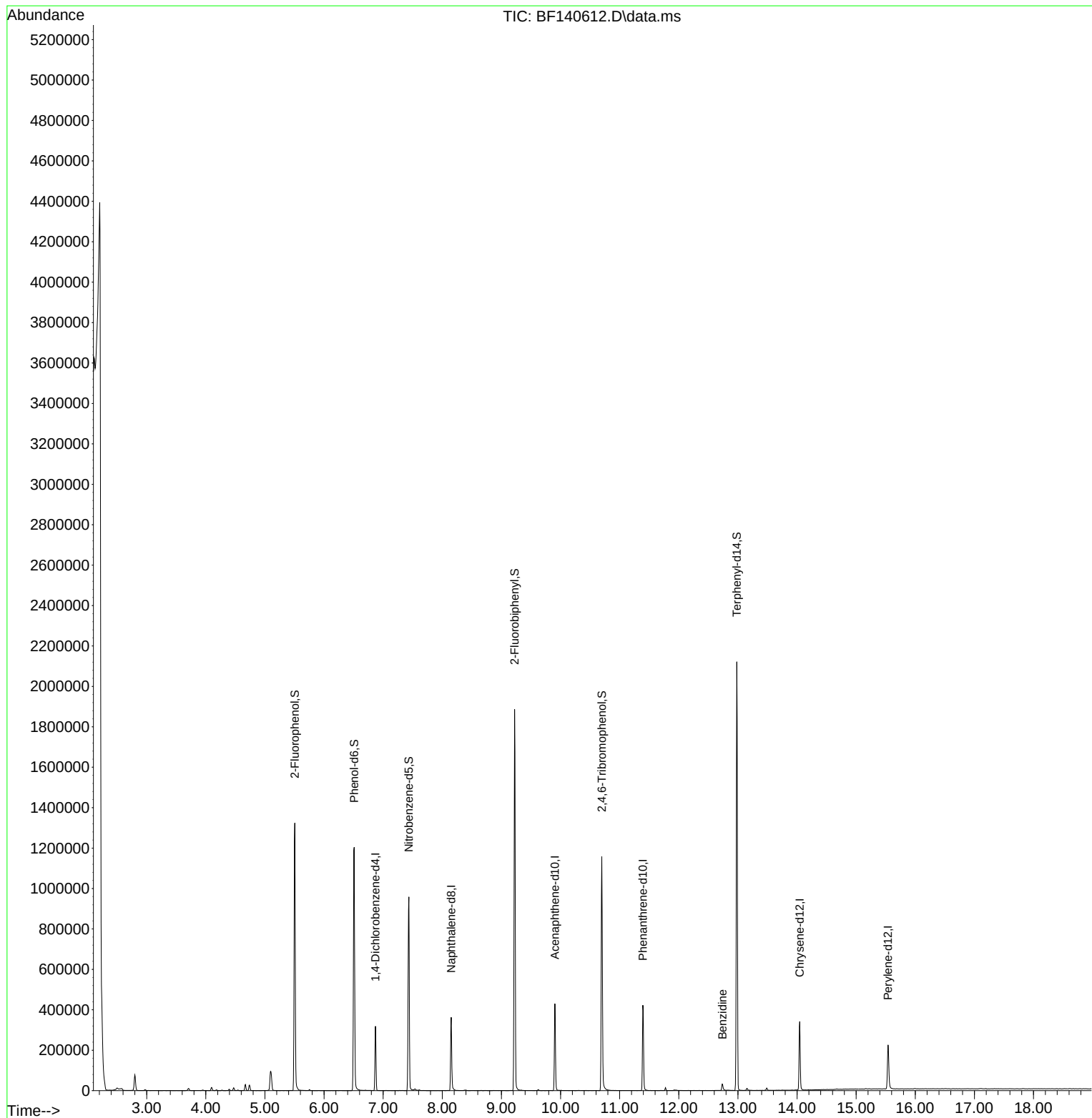
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	64242	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	241000	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	131433	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	245421	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	173047	20.000	ng	0.00
86) Perylene-d12	15.539	264	147144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	505173	134.169	ng	0.00
7) Phenol-d6	6.510	99	596508	119.837	ng	0.00
23) Nitrobenzene-d5	7.434	82	455735	96.726	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	210116	149.476	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	836033	94.774	ng	-0.01
79) Terphenyl-d14	12.980	244	1036504	93.268	ng	-0.01
Target Compounds						
77) Benzidine	12.739	184	27063	5.379	ng	Qvalue 98

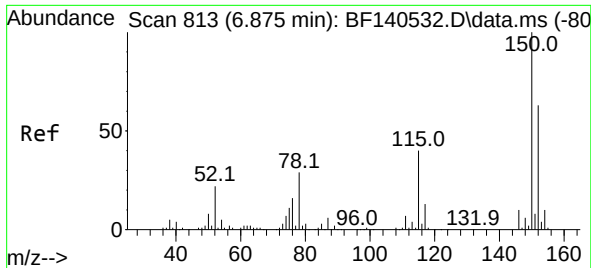
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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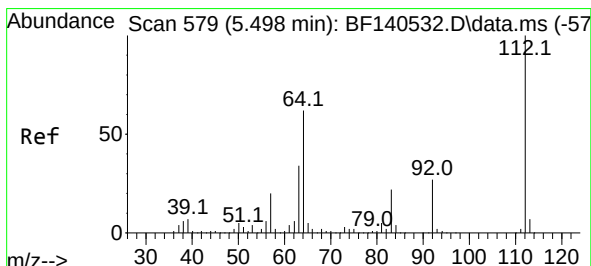
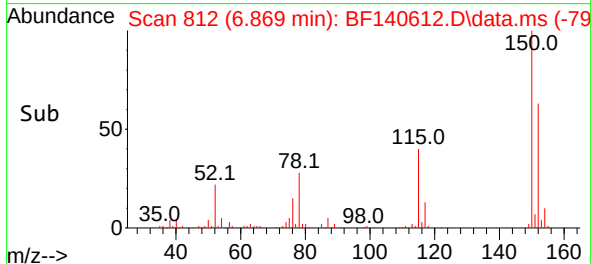
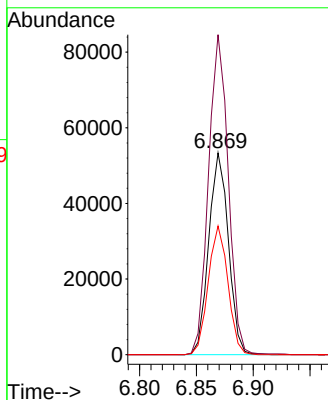
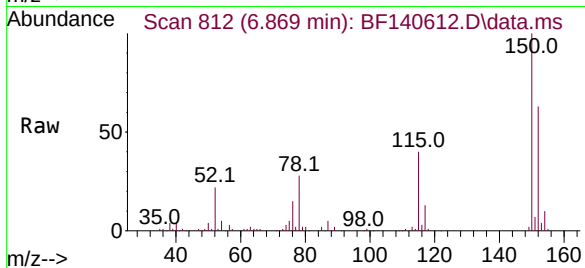




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140612.D
Acq: 25 Nov 2024 19:26

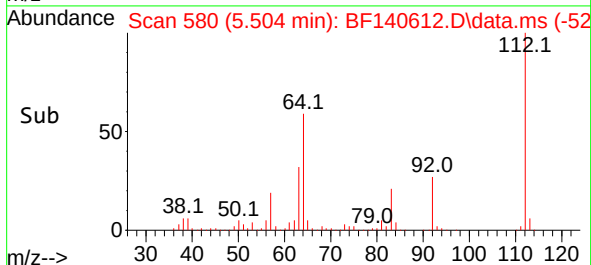
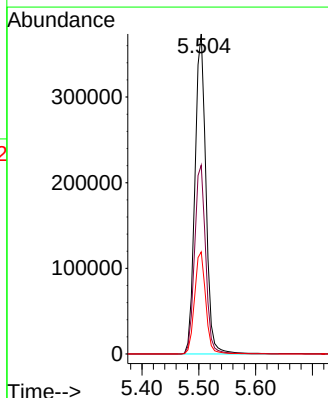
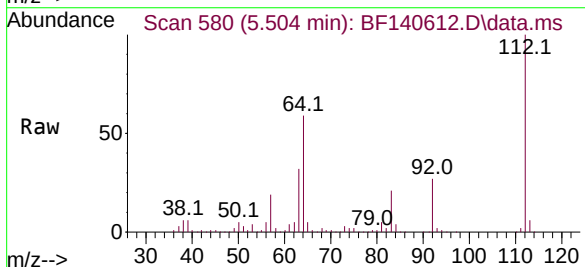
Instrument :
BNA_F
ClientSampleId :
WB-310-BOT

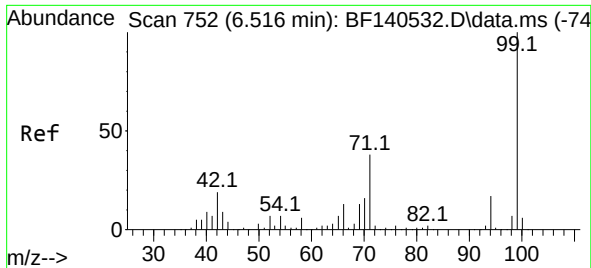
Tgt Ion:152 Resp: 64242
Ion Ratio Lower Upper
152 100
150 158.6 128.5 192.7
115 63.7 50.2 75.4



#5
2-Fluorophenol
Concen: 134.169 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140612.D
Acq: 25 Nov 2024 19:26

Tgt Ion:112 Resp: 505173
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 31.9 27.0 40.4

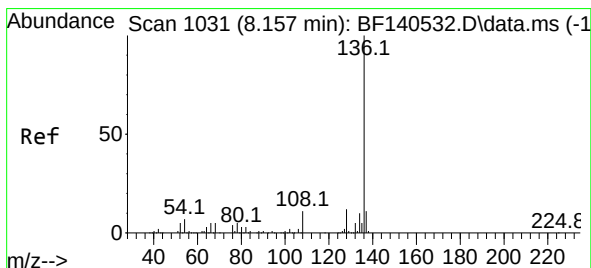
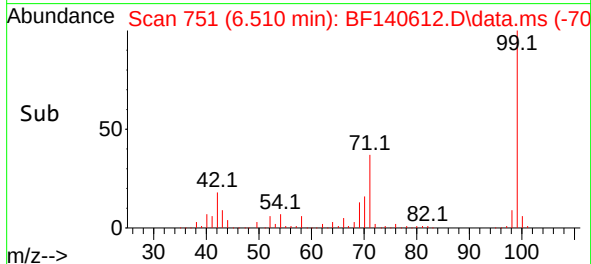
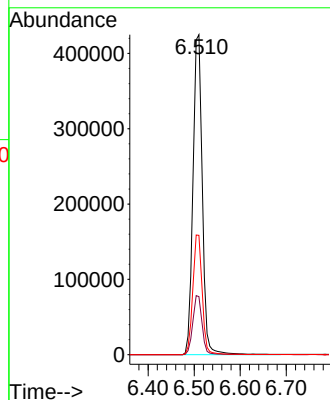
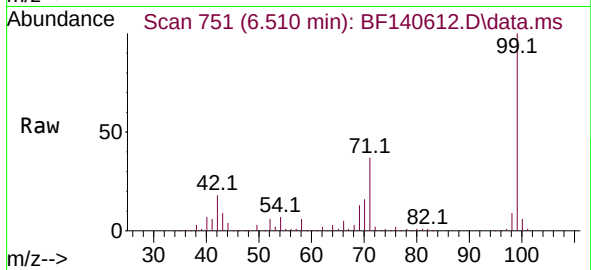




#7
Phenol-d6
Concen: 119.837 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140612.D
Acq: 25 Nov 2024 19:26

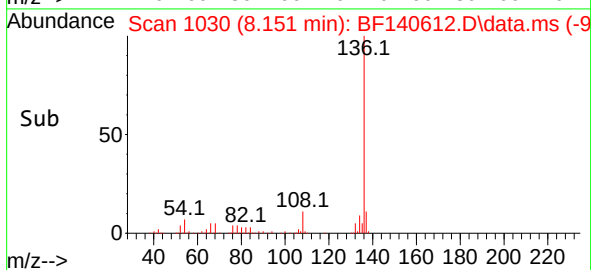
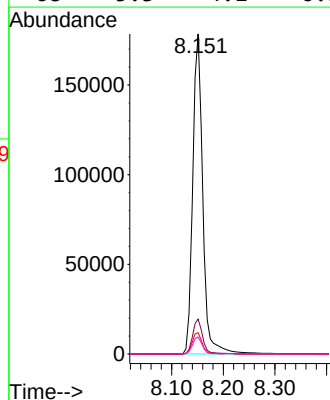
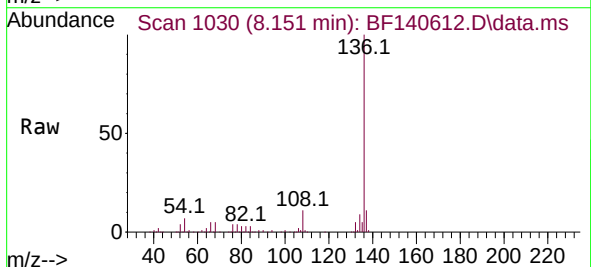
Instrument :
BNA_F
ClientSampleId :
WB-310-BOT

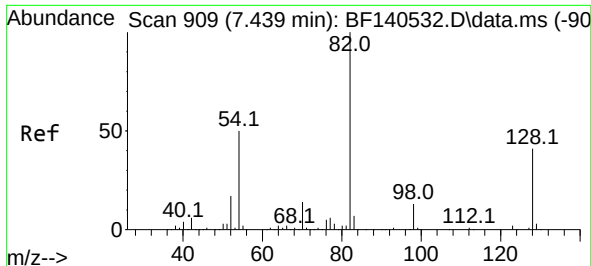
Tgt Ion: 99 Resp: 596508
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 37.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140612.D
Acq: 25 Nov 2024 19:26

Tgt Ion: 136 Resp: 241000
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.6 5.8 8.8
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 96.726 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140612.D

Acq: 25 Nov 2024 19:26

Instrument :

BNA_F

ClientSampleId :

WB-310-BOT

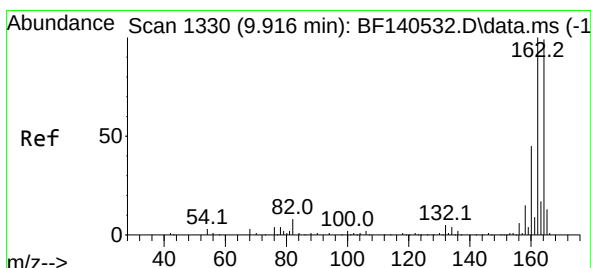
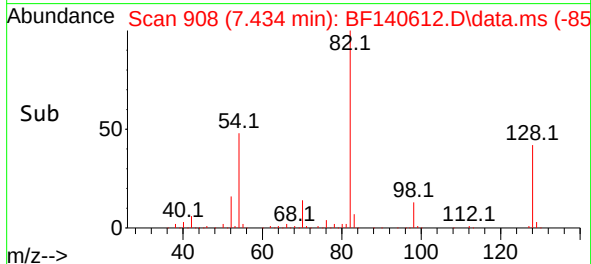
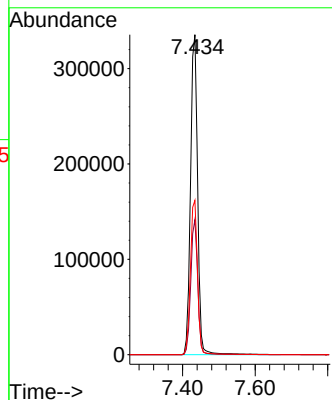
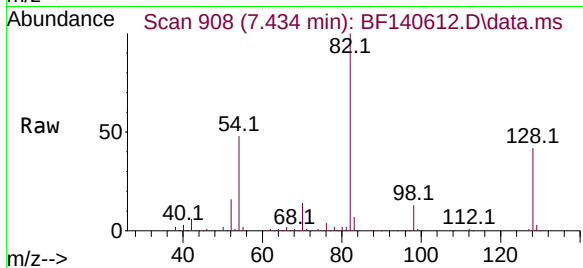
Tgt Ion: 82 Resp: 455735

Ion Ratio Lower Upper

82 100

128 42.2 33.0 49.4

54 48.2 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: BF140612.D

Acq: 25 Nov 2024 19:26

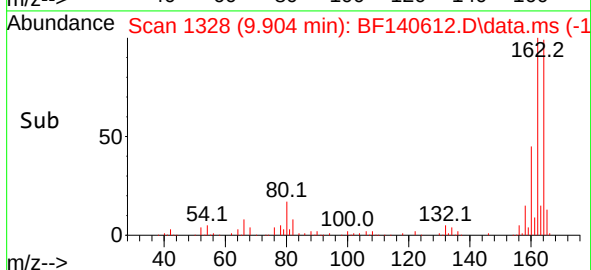
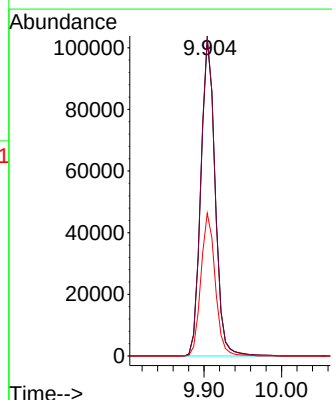
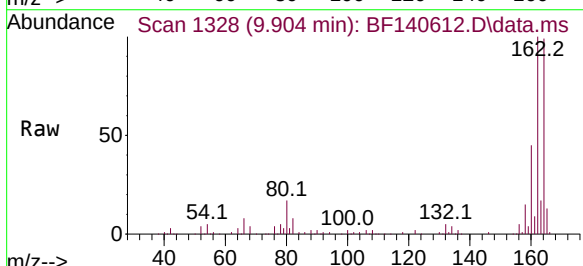
Tgt Ion:164 Resp: 131433

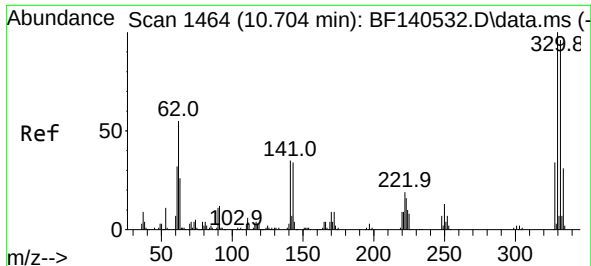
Ion Ratio Lower Upper

164 100

162 101.0 80.6 120.8

160 45.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 149.476 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140612.D

Acq: 25 Nov 2024 19:26

Instrument :

BNA_F

ClientSampleId :

WB-310-BOT

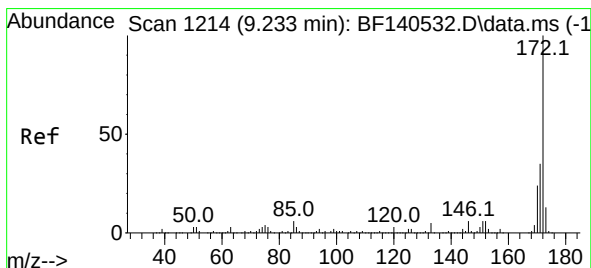
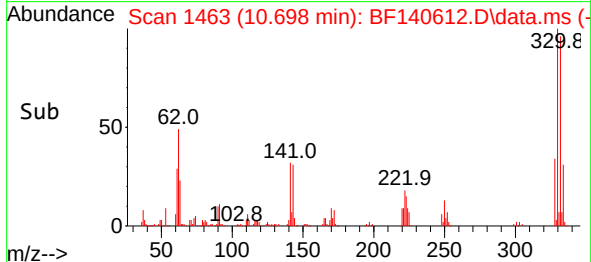
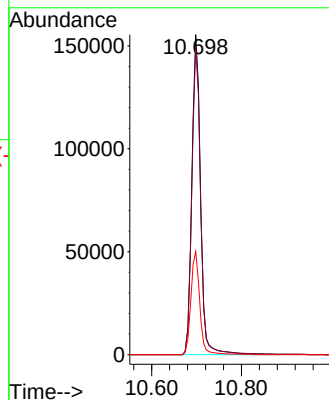
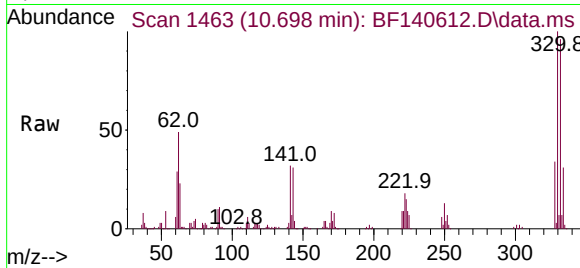
Tgt Ion:330 Resp: 210116

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

141 32.7 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 94.774 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140612.D

Acq: 25 Nov 2024 19:26

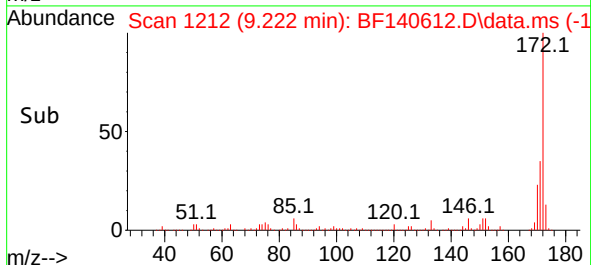
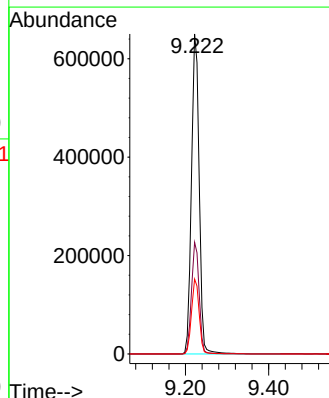
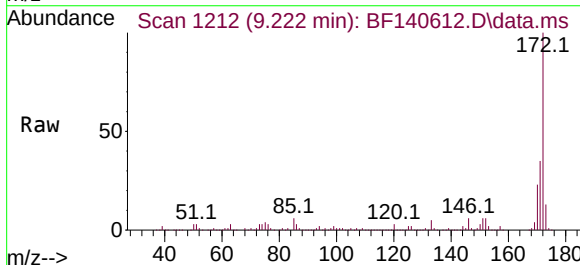
Tgt Ion:172 Resp: 836033

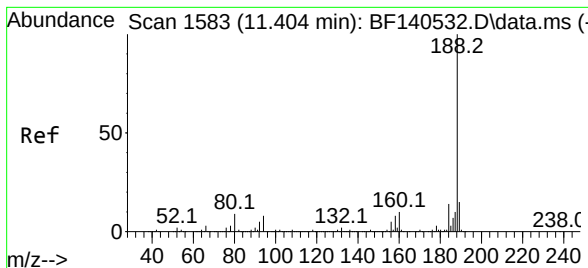
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140612.D

Acq: 25 Nov 2024 19:26

Instrument :

BNA_F

ClientSampleId :

WB-310-BOT

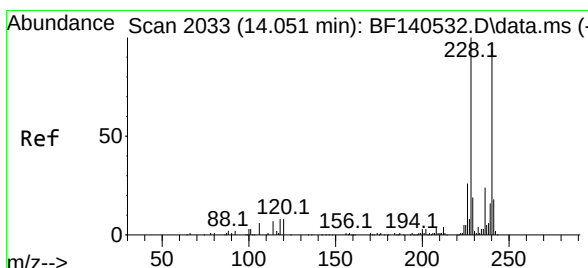
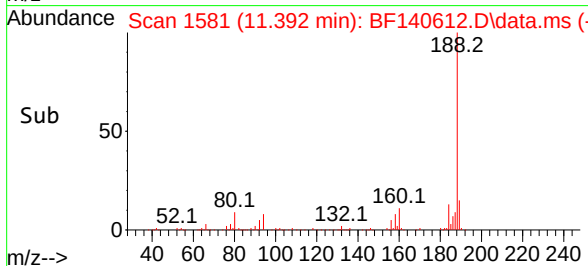
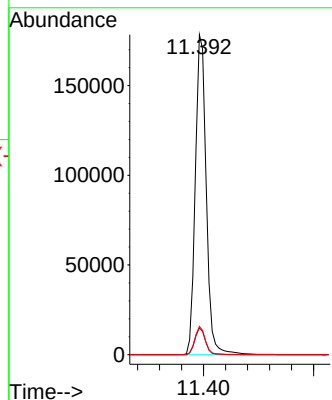
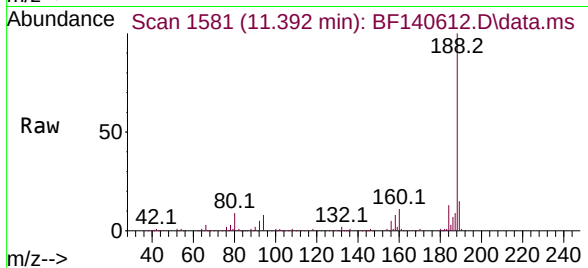
Tgt Ion:188 Resp: 245421

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 8.8 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: BF140612.D

Acq: 25 Nov 2024 19:26

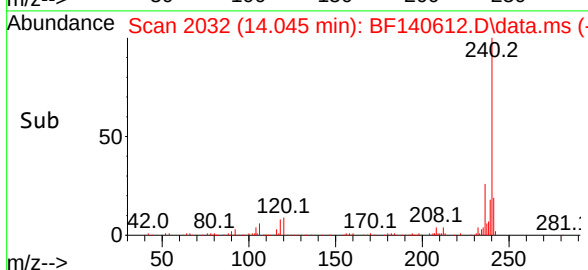
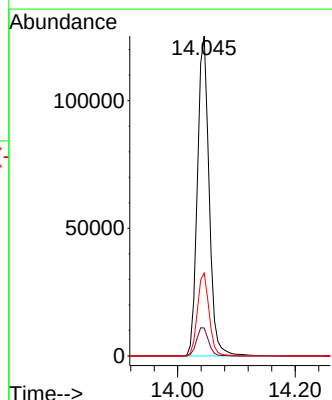
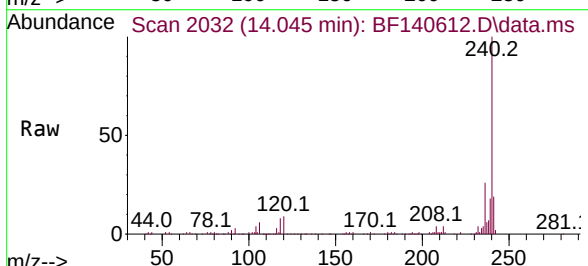
Tgt Ion:240 Resp: 173047

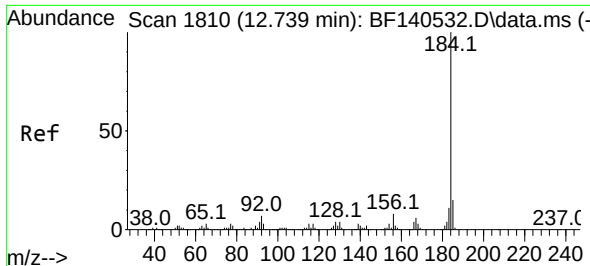
Ion Ratio Lower Upper

240 100

120 8.8 7.3 10.9

236 25.9 20.6 31.0

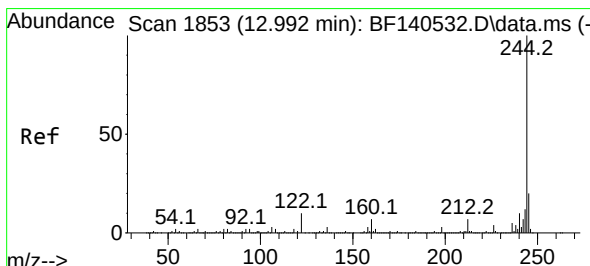
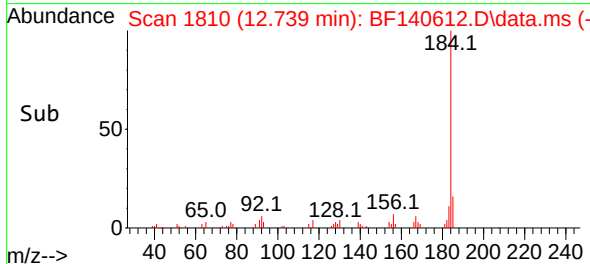
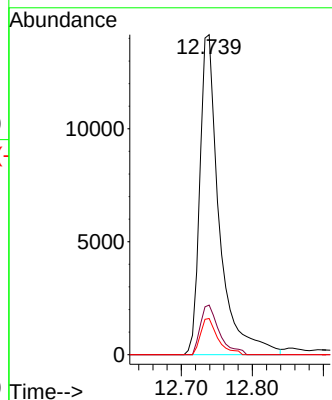
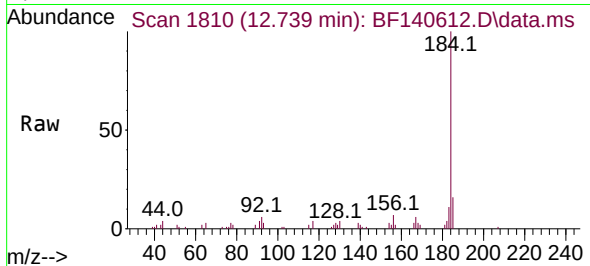




#77
Benzidine
Concen: 5.379 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140612.D
Acq: 25 Nov 2024 19:26

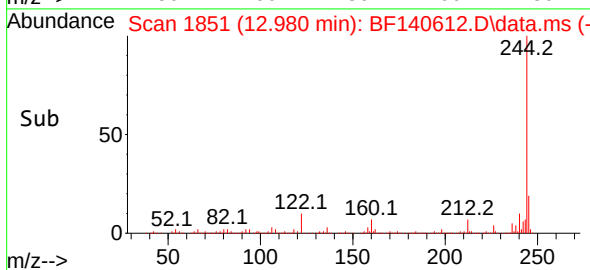
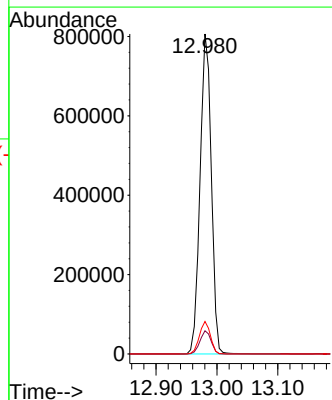
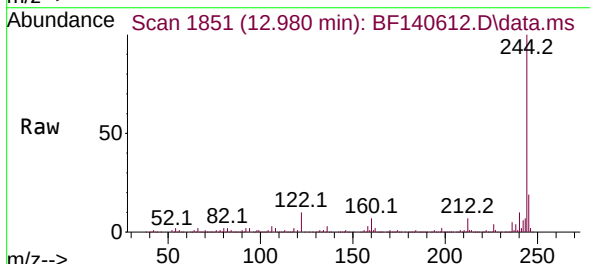
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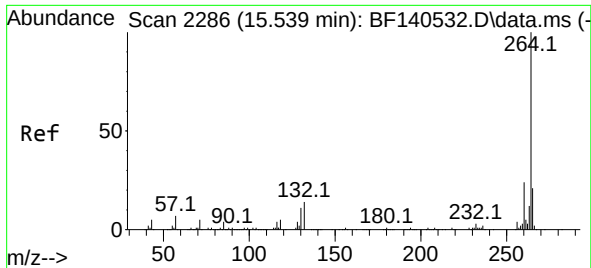
Tgt Ion:184 Resp: 27063
Ion Ratio Lower Upper
184 100
185 15.5 11.7 17.5
183 11.3 8.8 13.2



#79
Terphenyl-d14
Concen: 93.268 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140612.D
Acq: 25 Nov 2024 19:26

Tgt Ion:244 Resp: 1036504
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.2 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF140612.D
 Acq: 25 Nov 2024 19:26

Instrument :
 BNA_F
 ClientSampleId :
 WB-310-BOT

Tgt Ion:264 Resp: 147144
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 20.9 16.6 25.0

