

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140567.D
 Acq On : 22 Nov 2024 10:44
 Operator : RC/JU
 Sample : P4910-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-759

Quant Time: Nov 22 11:19:17 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)

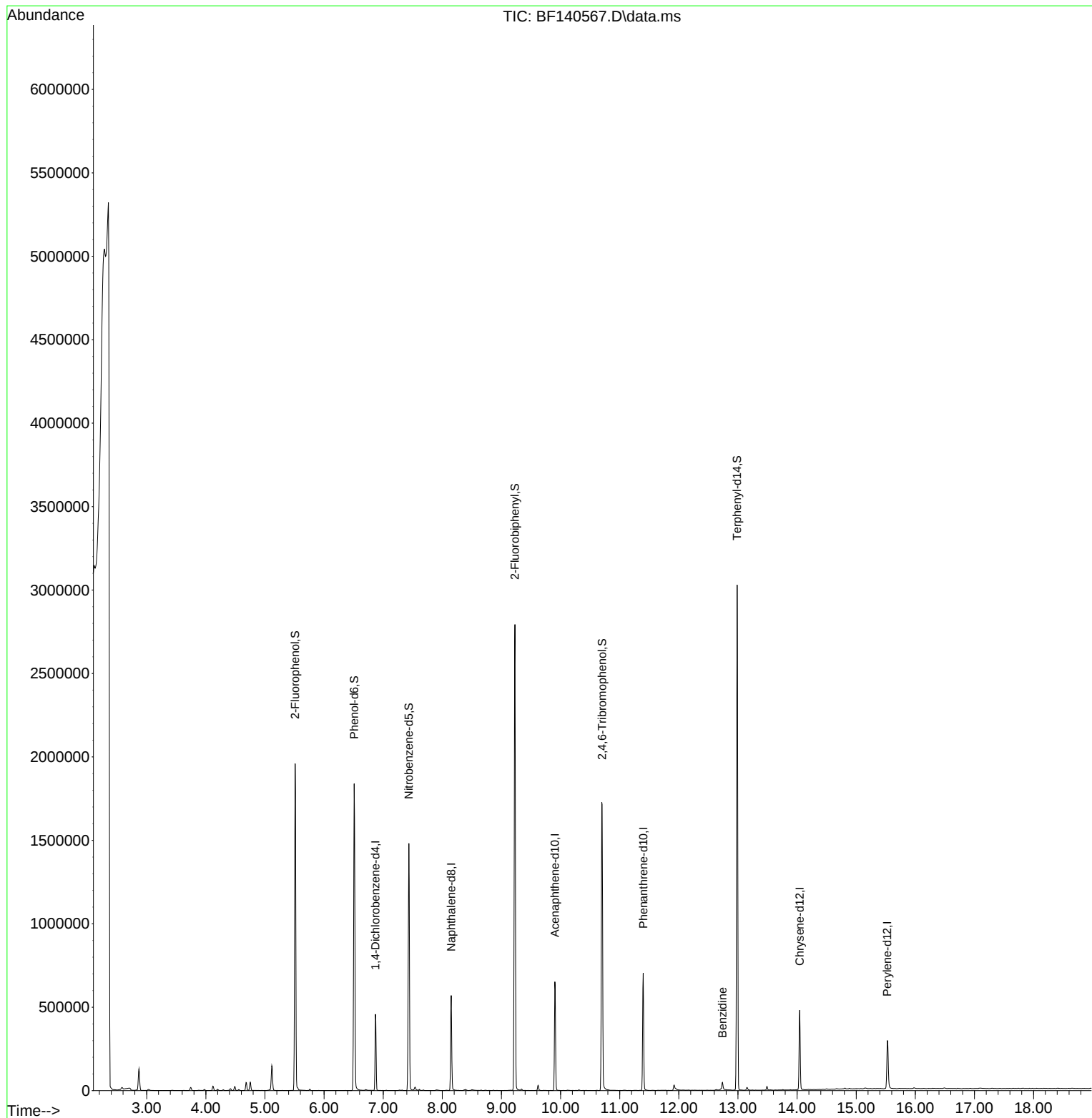
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	95916	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	362240	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	199732	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	383423	20.000	ng	0.00
76) Chrysene-d12	14.045	240	235981	20.000	ng	0.00
86) Perylene-d12	15.527	264	192364	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	749572	133.338	ng	0.01
7) Phenol-d6	6.510	99	888052	119.493	ng	0.00
23) Nitrobenzene-d5	7.433	82	703247	99.302	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	324941	152.115	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1269026	94.666	ng	0.00
79) Terphenyl-d14	12.986	244	1517055	100.104	ng	0.00
Target Compounds						
77) Benzidine	12.739	184	32788	4.779	ng	Qvalue 98

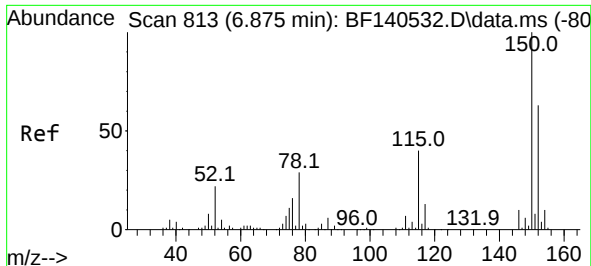
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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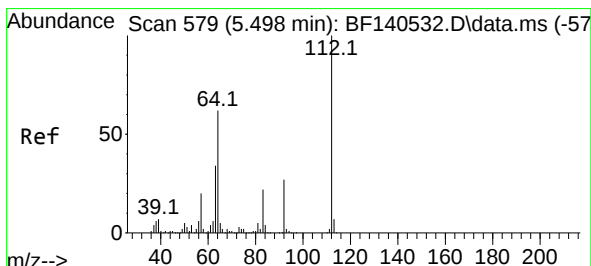
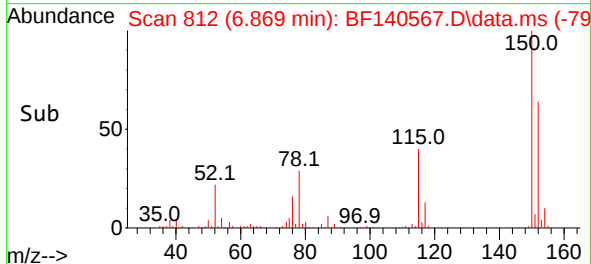
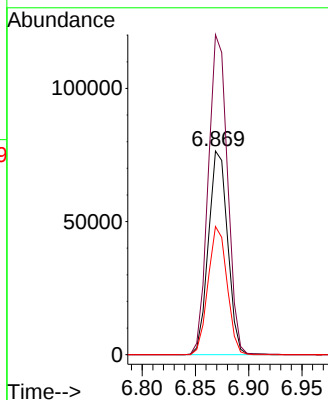
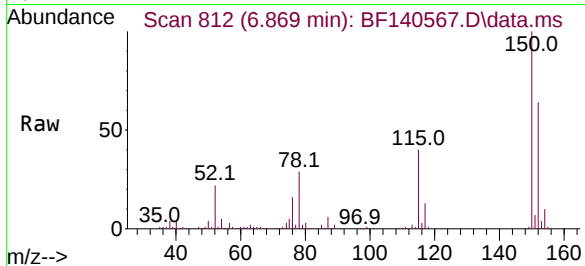




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

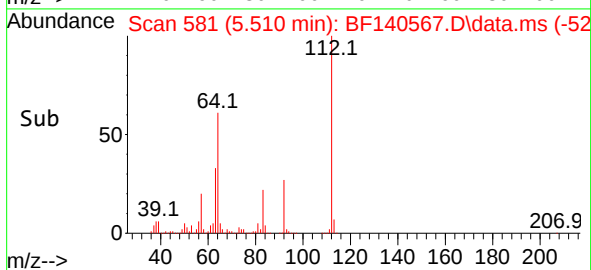
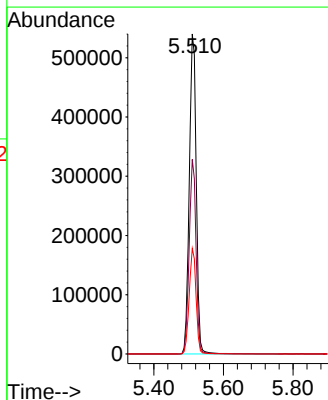
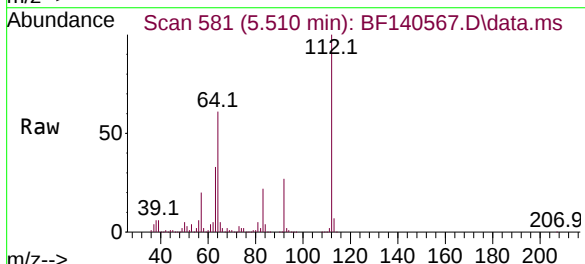
Instrument :
BNA_F
ClientSampleId :
MH-759

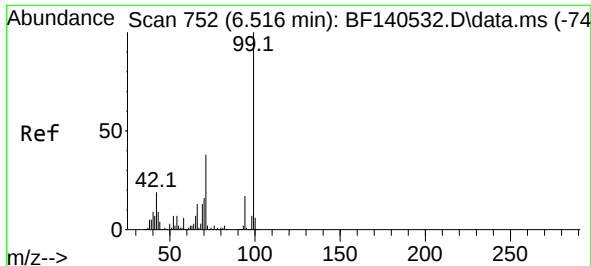
Tgt Ion:152 Resp: 95916
Ion Ratio Lower Upper
152 100
150 157.1 128.5 192.7
115 63.0 50.2 75.4



#5
2-Fluorophenol
Concen: 133.338 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

Tgt Ion:112 Resp: 749572
Ion Ratio Lower Upper
112 100
64 60.8 49.2 73.8
63 33.0 27.0 40.4

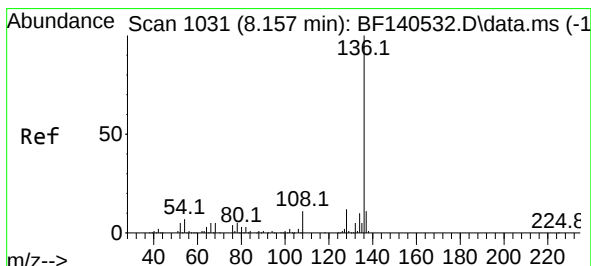
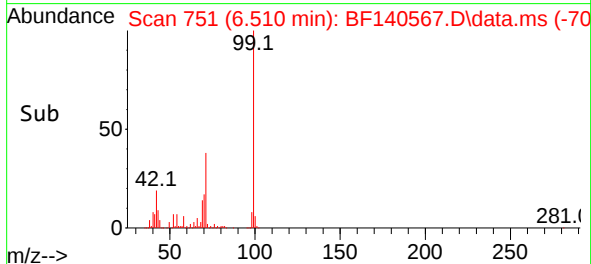
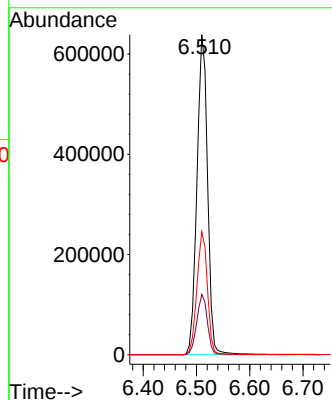
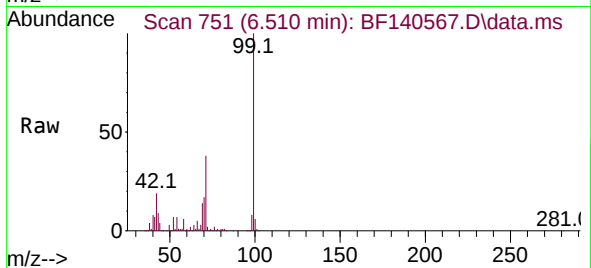




#7
Phenol-d6
Concen: 119.493 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

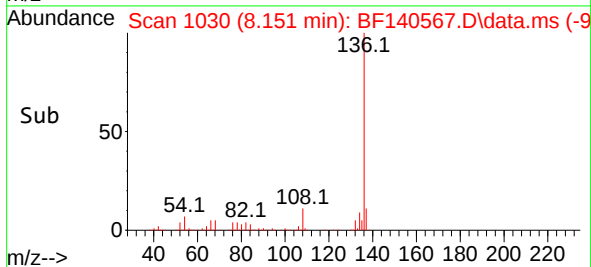
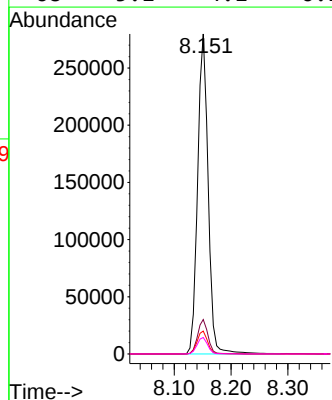
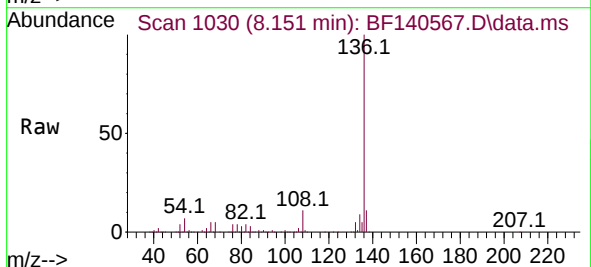
Instrument :
BNA_F
ClientSampleId :
MH-759

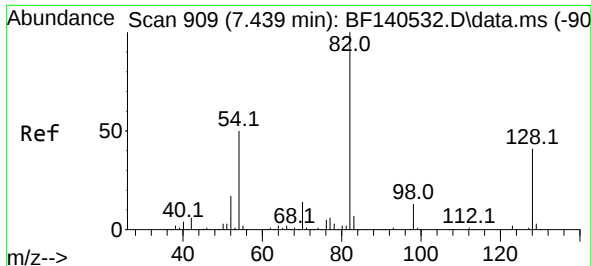
Tgt Ion: 99 Resp: 888052
Ion Ratio Lower Upper
99 100
42 18.9 15.4 23.0
71 38.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

Tgt Ion: 136 Resp: 362240
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.1 5.8 8.8
68 5.1 4.1 6.1

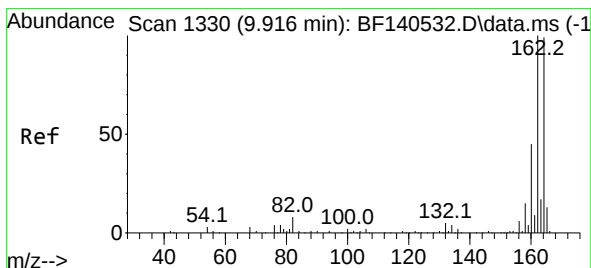
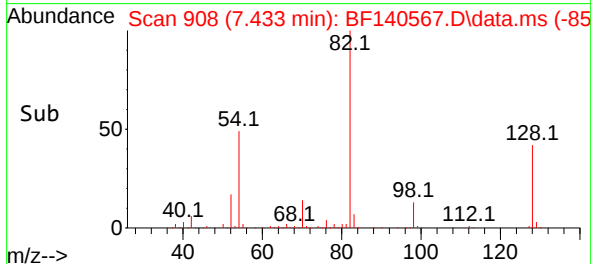
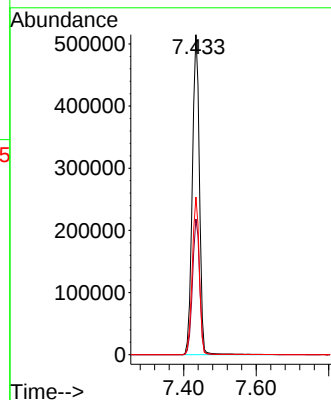
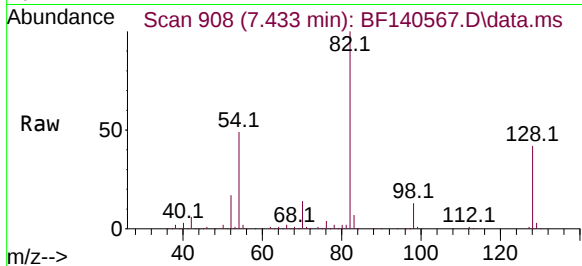




#23
 Nitrobenzene-d5
 Concen: 99.302 ng
 RT: 7.433 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140567.D
 Acq: 22 Nov 2024 10:44

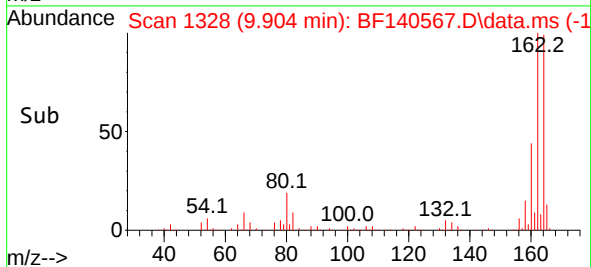
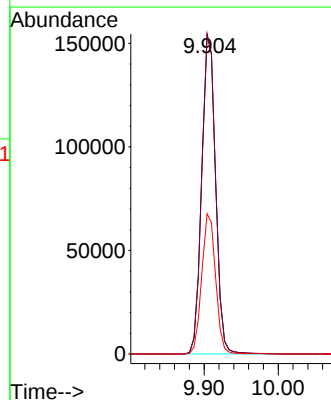
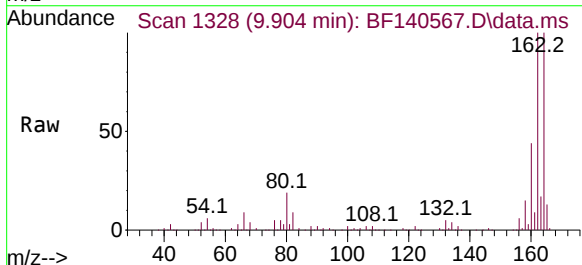
Instrument :
 BNA_F
 ClientSampleId :
 MH-759

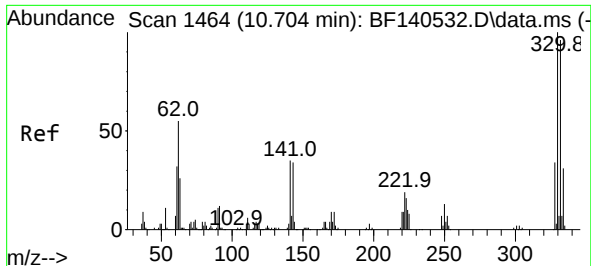
Tgt Ion: 82 Resp: 703247
 Ion Ratio Lower Upper
 82 100
 128 42.4 33.0 49.4
 54 49.3 39.5 59.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1328
 Delta R.T. -0.012 min
 Lab File: BF140567.D
 Acq: 22 Nov 2024 10:44

Tgt Ion:164 Resp: 199732
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.6 120.8
 160 43.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 152.115 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140567.D

Acq: 22 Nov 2024 10:44

Instrument :

BNA_F

ClientSampleId :

MH-759

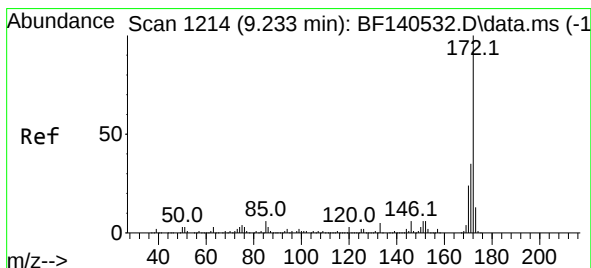
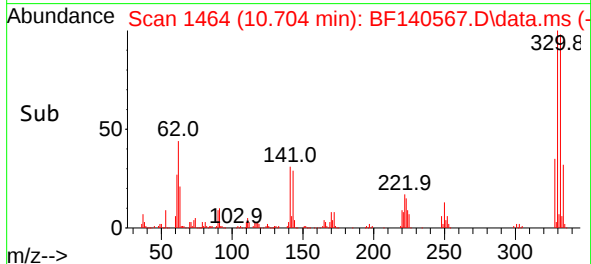
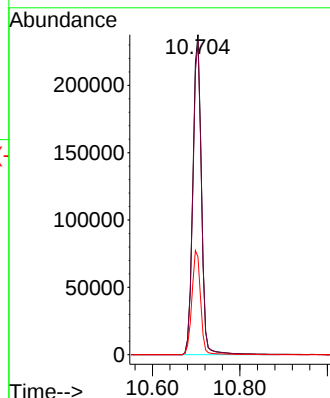
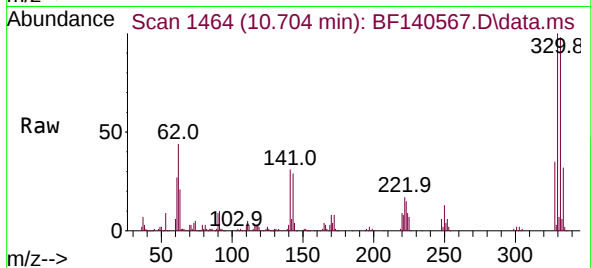
Tgt Ion:330 Resp: 324941

Ion Ratio Lower Upper

330 100

332 97.7 76.9 115.3

141 33.0 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 94.666 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140567.D

Acq: 22 Nov 2024 10:44

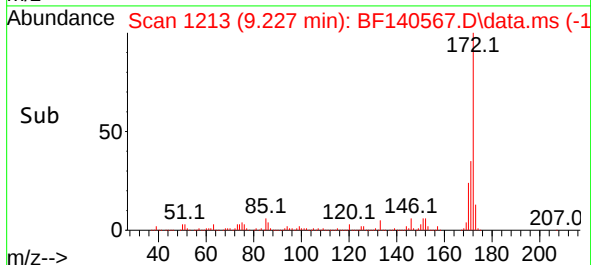
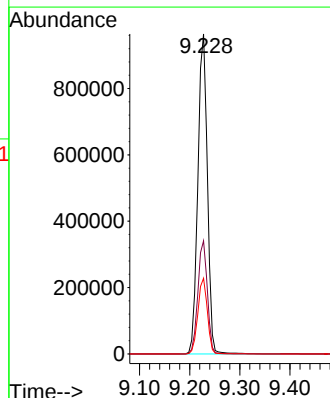
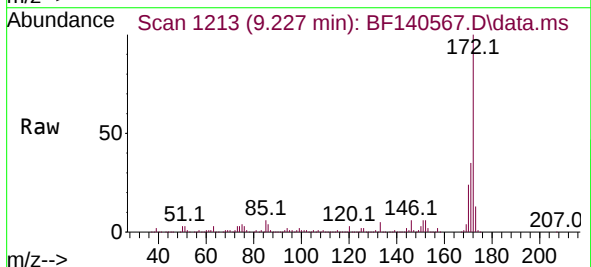
Tgt Ion:172 Resp: 1269026

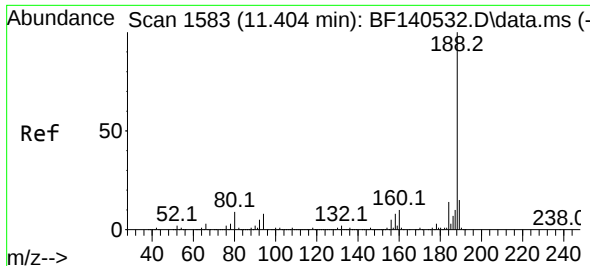
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.6 19.0 28.6

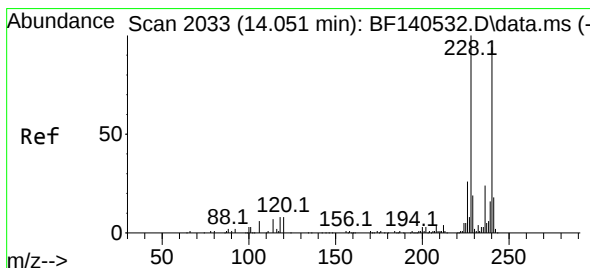
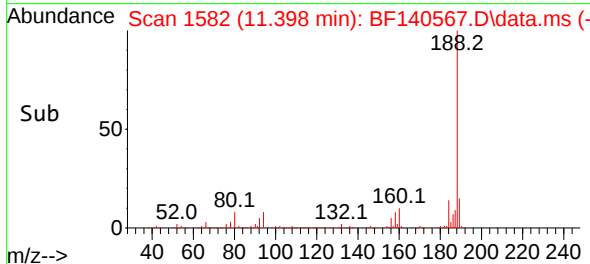
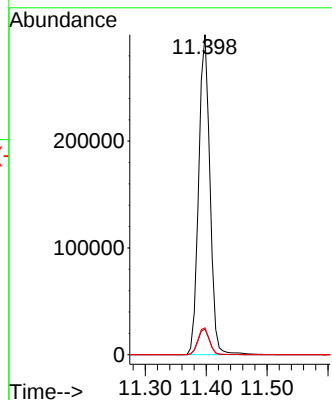
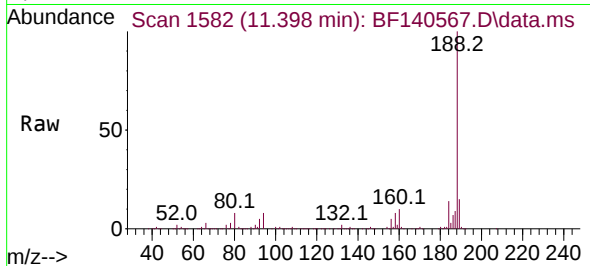




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

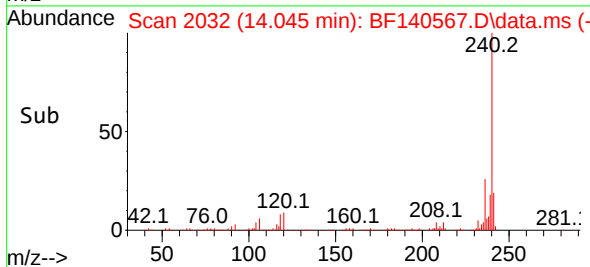
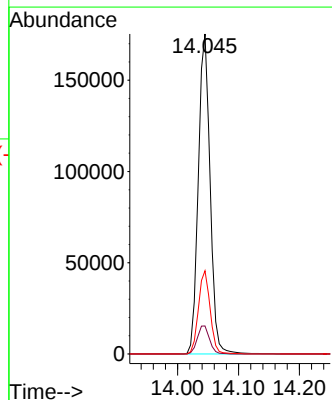
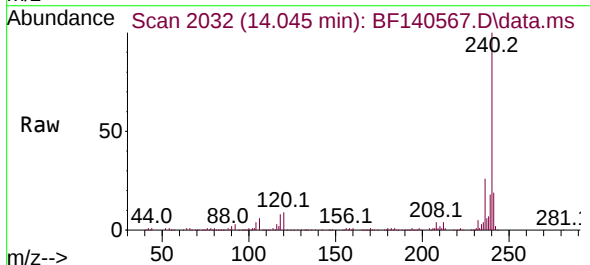
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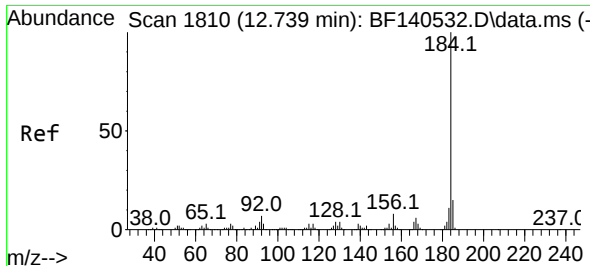
Tgt Ion:188 Resp: 383423
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.4 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

Tgt Ion:240 Resp: 235981
Ion Ratio Lower Upper
240 100
120 8.7 7.3 10.9
236 26.0 20.6 31.0

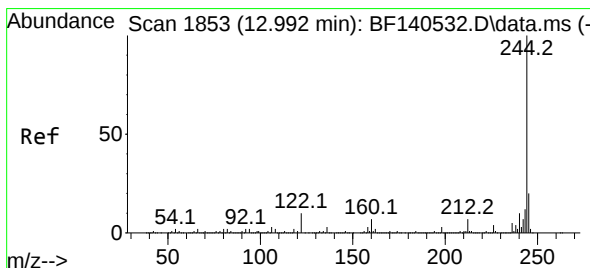
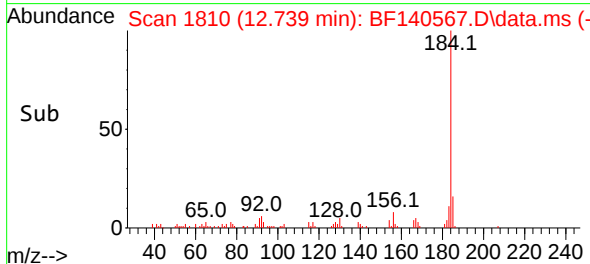
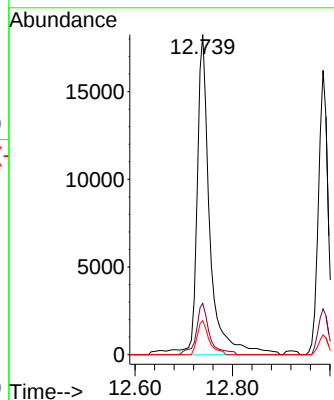
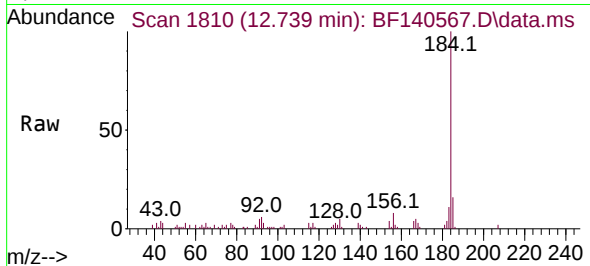




#77
Benzidine
Concen: 4.779 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

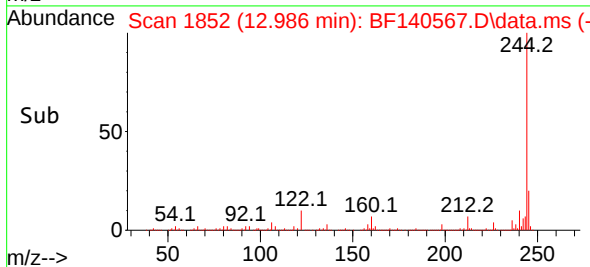
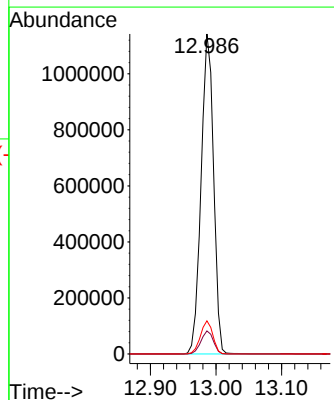
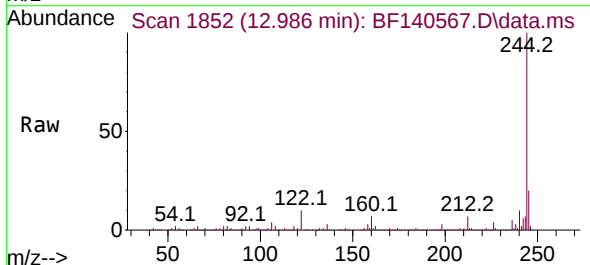
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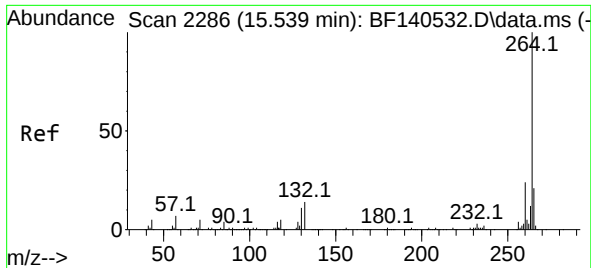
Tgt Ion:184 Resp: 32788
Ion Ratio Lower Upper
184 100
185 16.1 11.7 17.5
183 10.6 8.8 13.2



#79
Terphenyl-d14
Concen: 100.104 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140567.D
Acq: 22 Nov 2024 10:44

Tgt Ion:244 Resp: 1517055
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.3 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140567.D

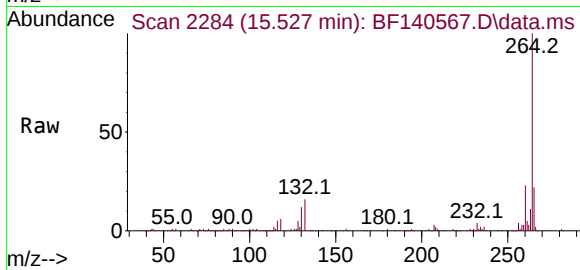
Acq: 22 Nov 2024 10:44

Instrument :

BNA_F

ClientSampleId :

MH-759



Tgt Ion:264 Resp: 192364

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.8 16.6 25.0

