

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
 Data File : BF140431.D
 Acq On : 16 Nov 2024 15:49
 Operator : RC/JU
 Sample : P4821-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-24

Quant Time: Nov 18 00:07:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	110779	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	411506	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	221246	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	411127	20.000	ng	0.00
76) Chrysene-d12	14.039	240	239415	20.000	ng	-0.01
86) Perylene-d12	15.539	264	255602	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	738677	113.849	ng	0.01
7) Phenol-d6	6.510	99	972572	110.639	ng	0.00
23) Nitrobenzene-d5	7.434	82	614721	77.833	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	245814	111.728	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1083497	78.726	ng	0.00
79) Terphenyl-d14	12.980	244	1018170	73.819	ng	0.00

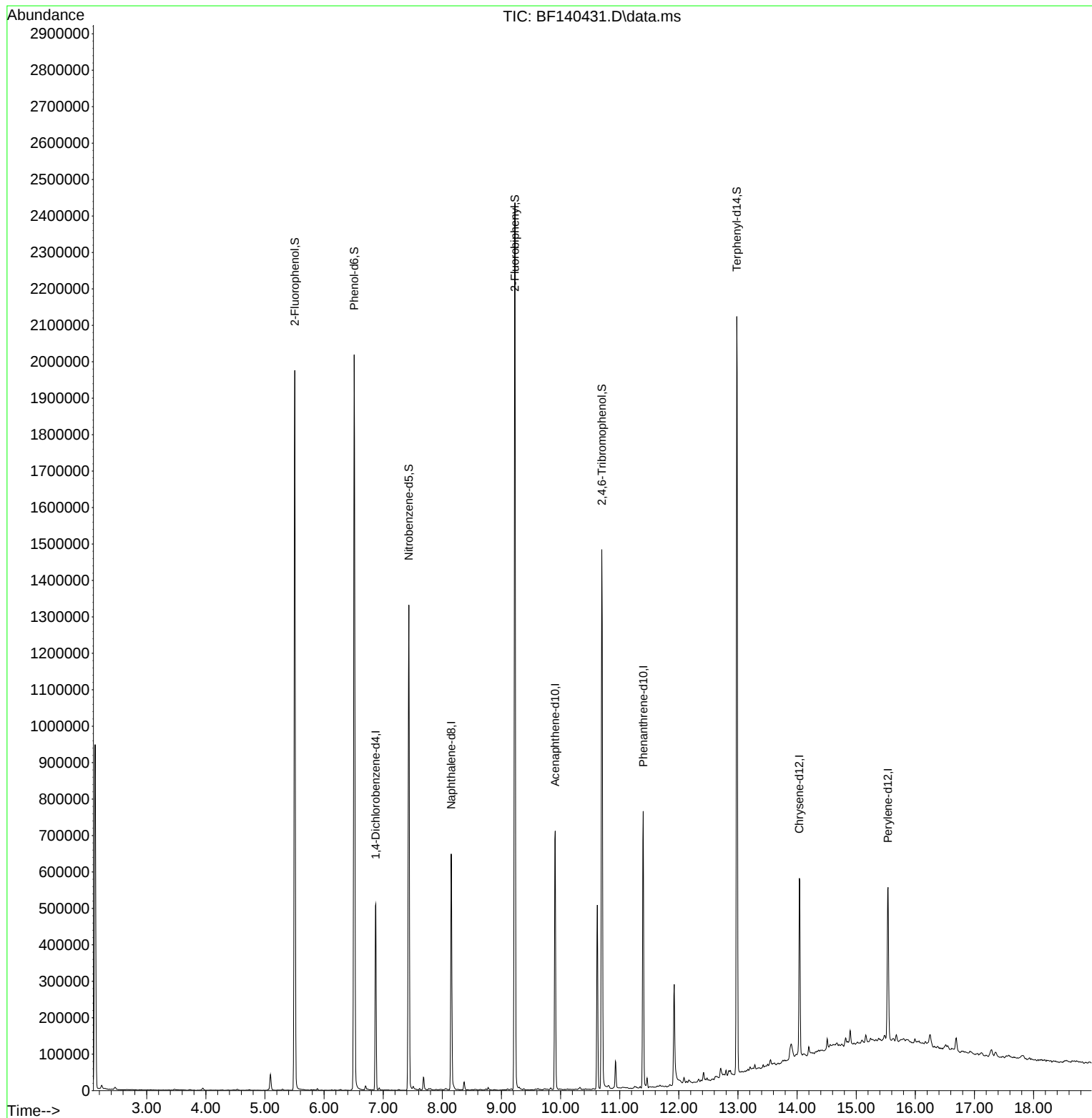
Target Compounds	Qvalue

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

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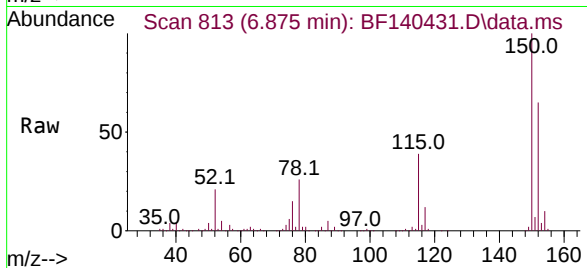
Quant Time: Nov 18 00:07:37 2024
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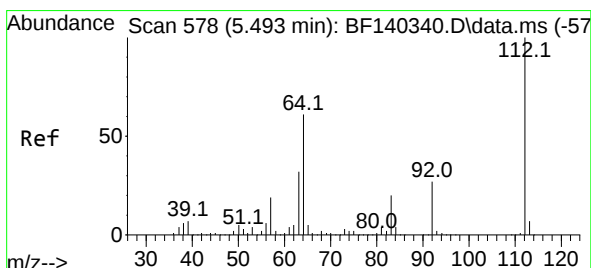
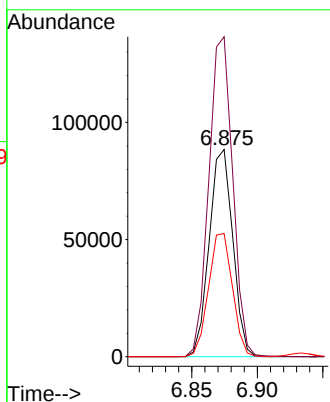
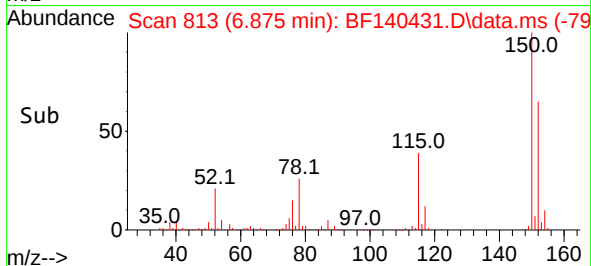


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140431.D
Acq: 16 Nov 2024 15:49

Instrument :
BNA_F
ClientSampleId :
BP-F-24

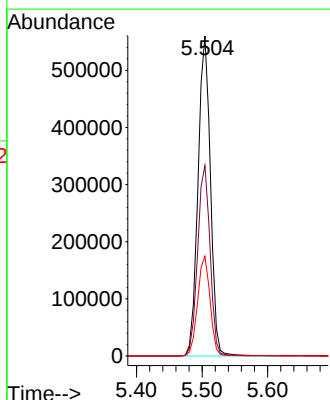
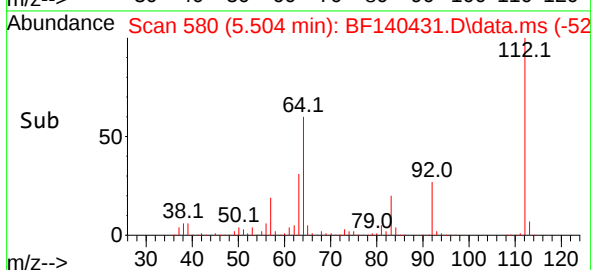
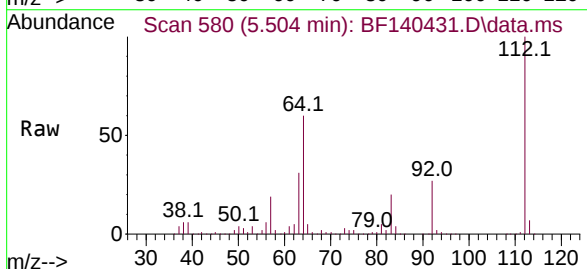


Tgt Ion:152 Resp: 110779
Ion Ratio Lower Upper
152 100
150 154.4 127.4 191.0
115 59.5 47.4 71.2



#5
2-Fluorophenol
Concen: 113.849 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140431.D
Acq: 16 Nov 2024 15:49

Tgt Ion:112 Resp: 738677
Ion Ratio Lower Upper
112 100
64 59.5 49.2 73.8
63 31.2 25.6 38.4





#7

Phenol-d6

Concen: 110.639 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140431.D

Acq: 16 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

BP-F-24

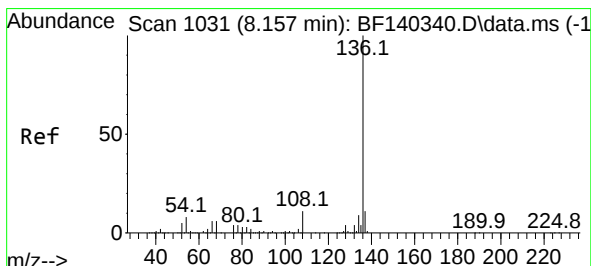
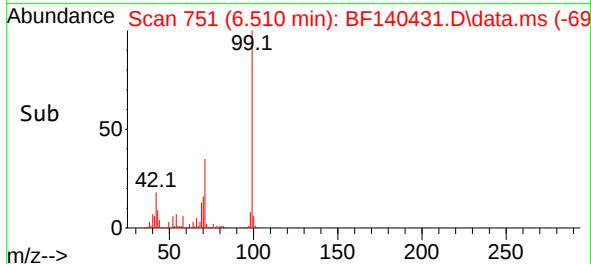
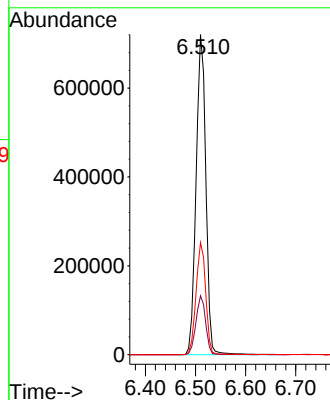
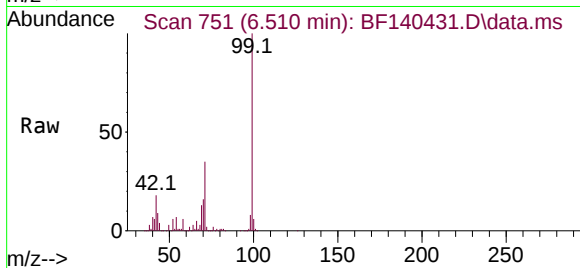
Tgt Ion: 99 Resp: 972572

Ion Ratio Lower Upper

99 100

42 18.4 15.1 22.7

71 35.1 27.9 41.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF140431.D

Acq: 16 Nov 2024 15:49

Tgt Ion: 136 Resp: 411506

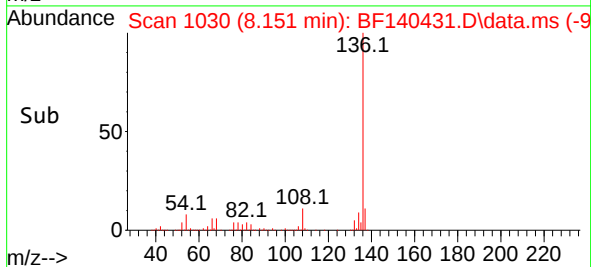
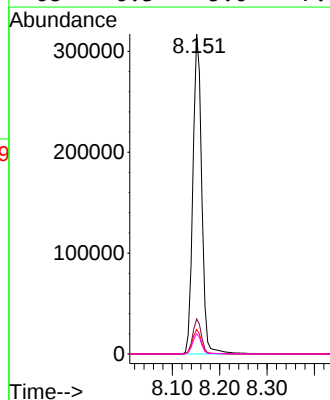
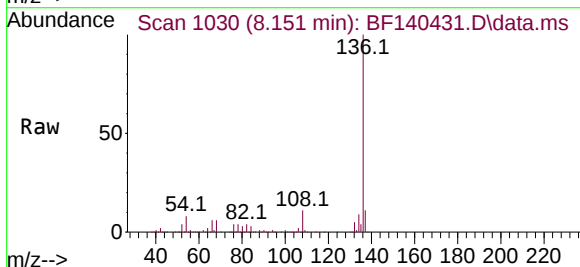
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.7 6.5 9.7

68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 77.833 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140431.D

Acq: 16 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

BP-F-24

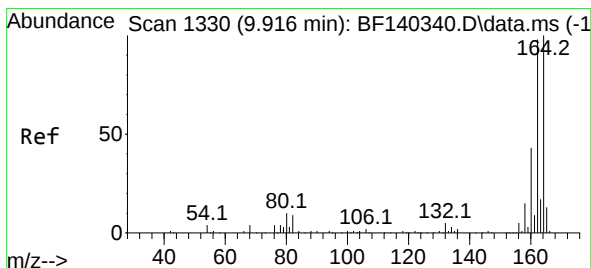
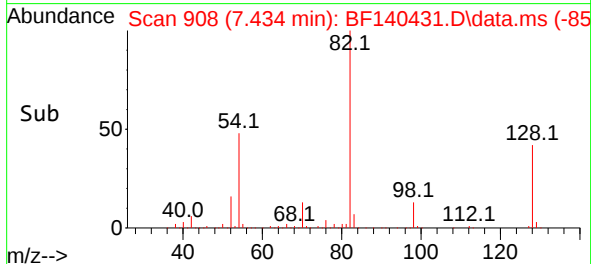
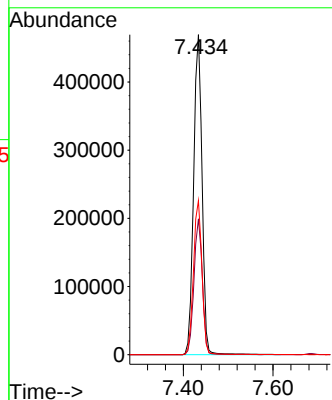
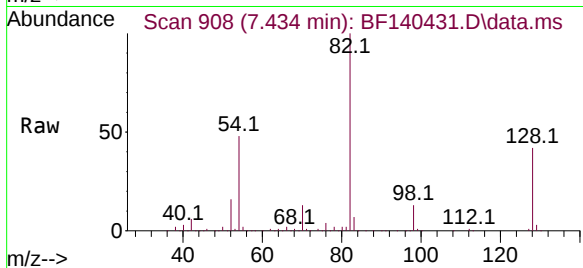
Tgt Ion: 82 Resp: 614721

Ion Ratio Lower Upper

82 100

128 42.5 33.3 49.9

54 48.2 39.8 59.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF140431.D

Acq: 16 Nov 2024 15:49

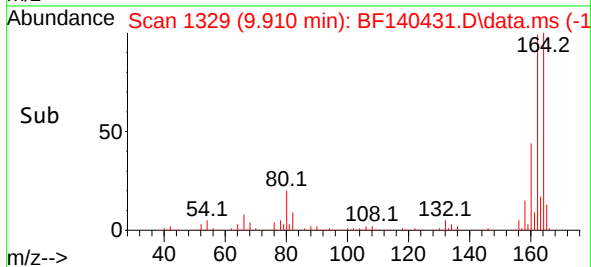
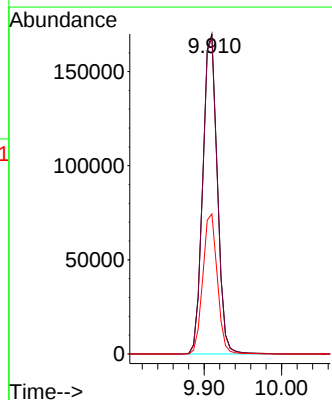
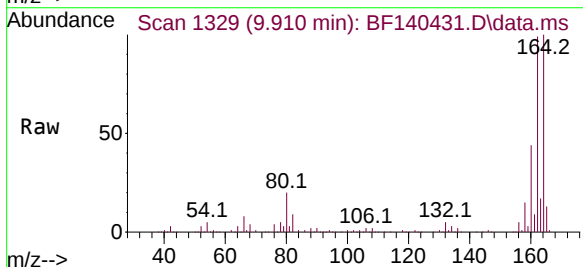
Tgt Ion:164 Resp: 221246

Ion Ratio Lower Upper

164 100

162 99.0 79.8 119.8

160 43.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 111.728 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140431.D

Acq: 16 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

BP-F-24

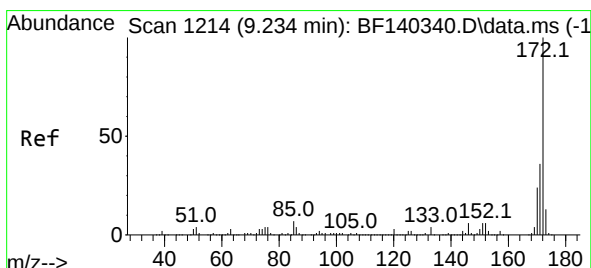
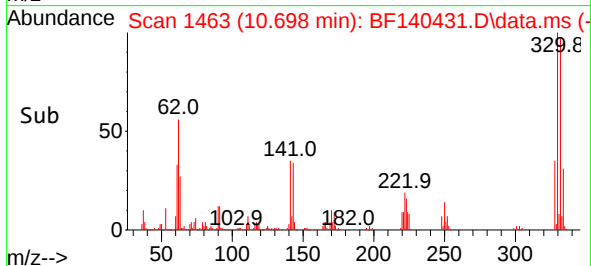
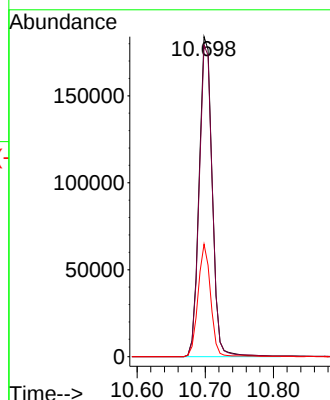
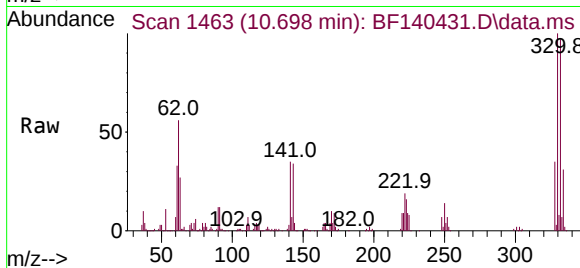
Tgt Ion:330 Resp: 245814

Ion Ratio Lower Upper

330 100

332 98.2 75.9 113.9

141 33.9 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 78.726 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140431.D

Acq: 16 Nov 2024 15:49

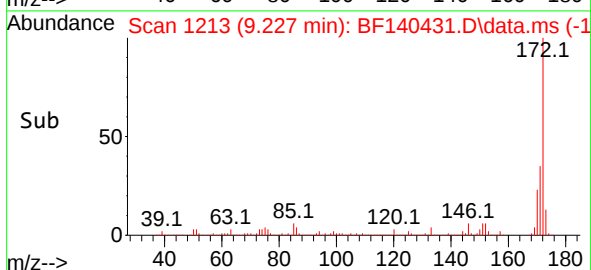
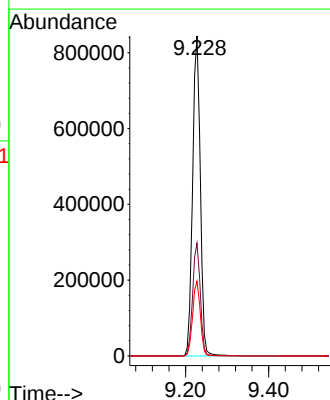
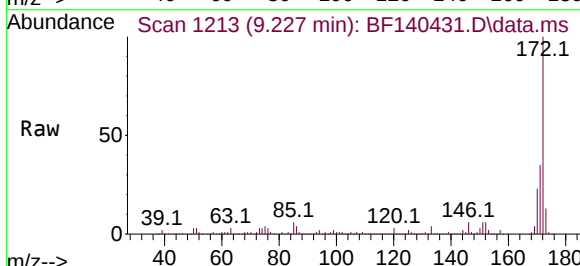
Tgt Ion:172 Resp: 1083497

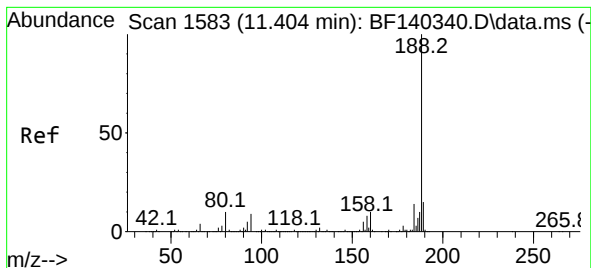
Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.4 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140431.D

Acq: 16 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

BP-F-24

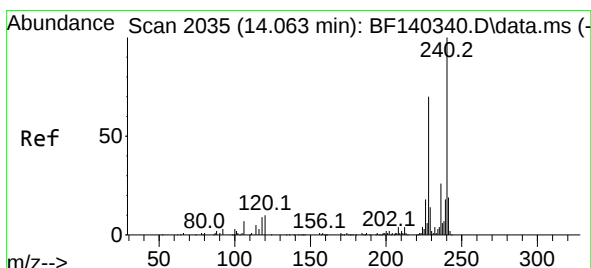
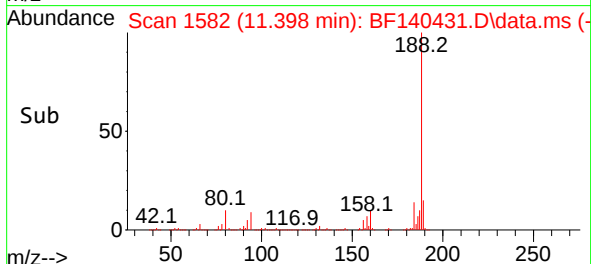
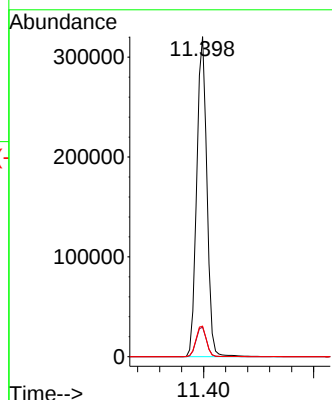
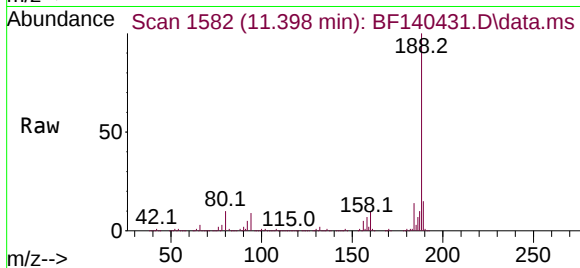
Tgt Ion:188 Resp: 411127

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.5 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF140431.D

Acq: 16 Nov 2024 15:49

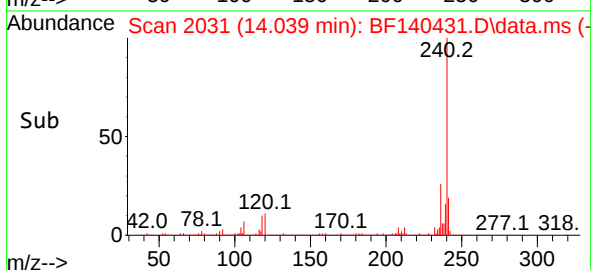
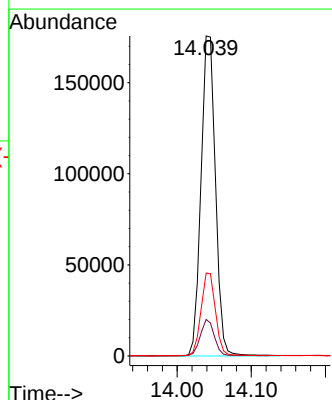
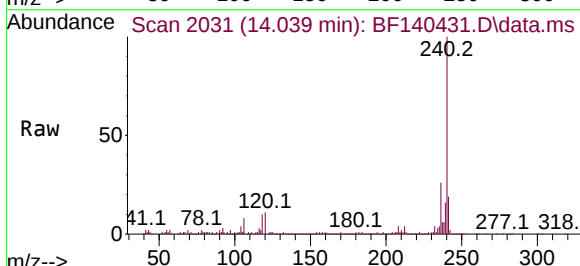
Tgt Ion:240 Resp: 239415

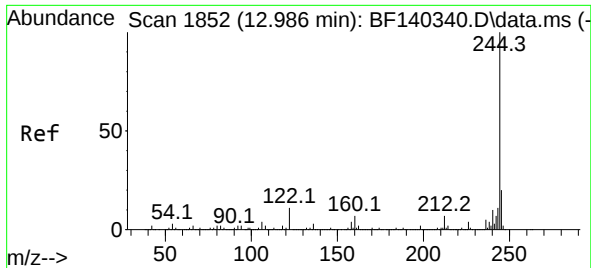
Ion Ratio Lower Upper

240 100

120 11.4 8.8 13.2

236 25.9 20.9 31.3

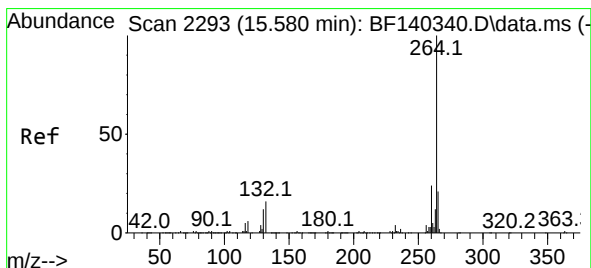
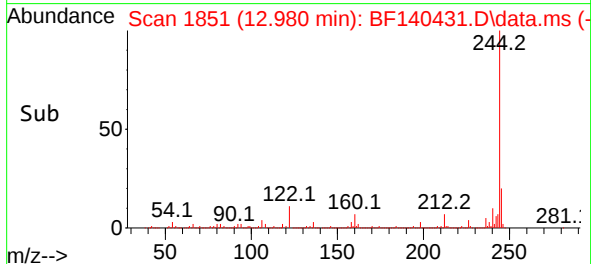
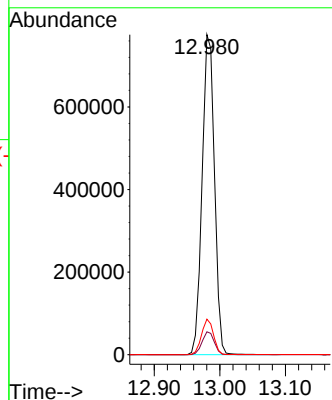
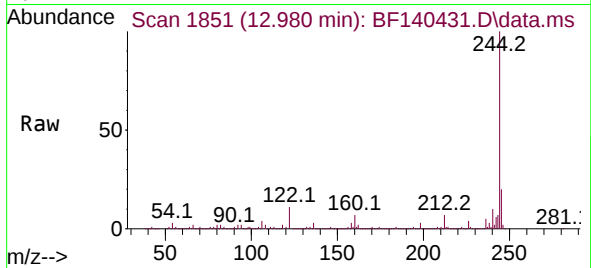




#79
 Terphenyl-d14
 Concen: 73.819 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140431.D
 Acq: 16 Nov 2024 15:49

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-24

Tgt Ion:244 Resp: 1018170
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. -0.018 min
 Lab File: BF140431.D
 Acq: 16 Nov 2024 15:49

Tgt Ion:264 Resp: 255602
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.1 17.1 25.7

