

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133160.D
 Acq On : 01 May 2023 17:34
 Operator : CG\JU
 Sample : 02495-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-11

Quant Time: May 02 05:20:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

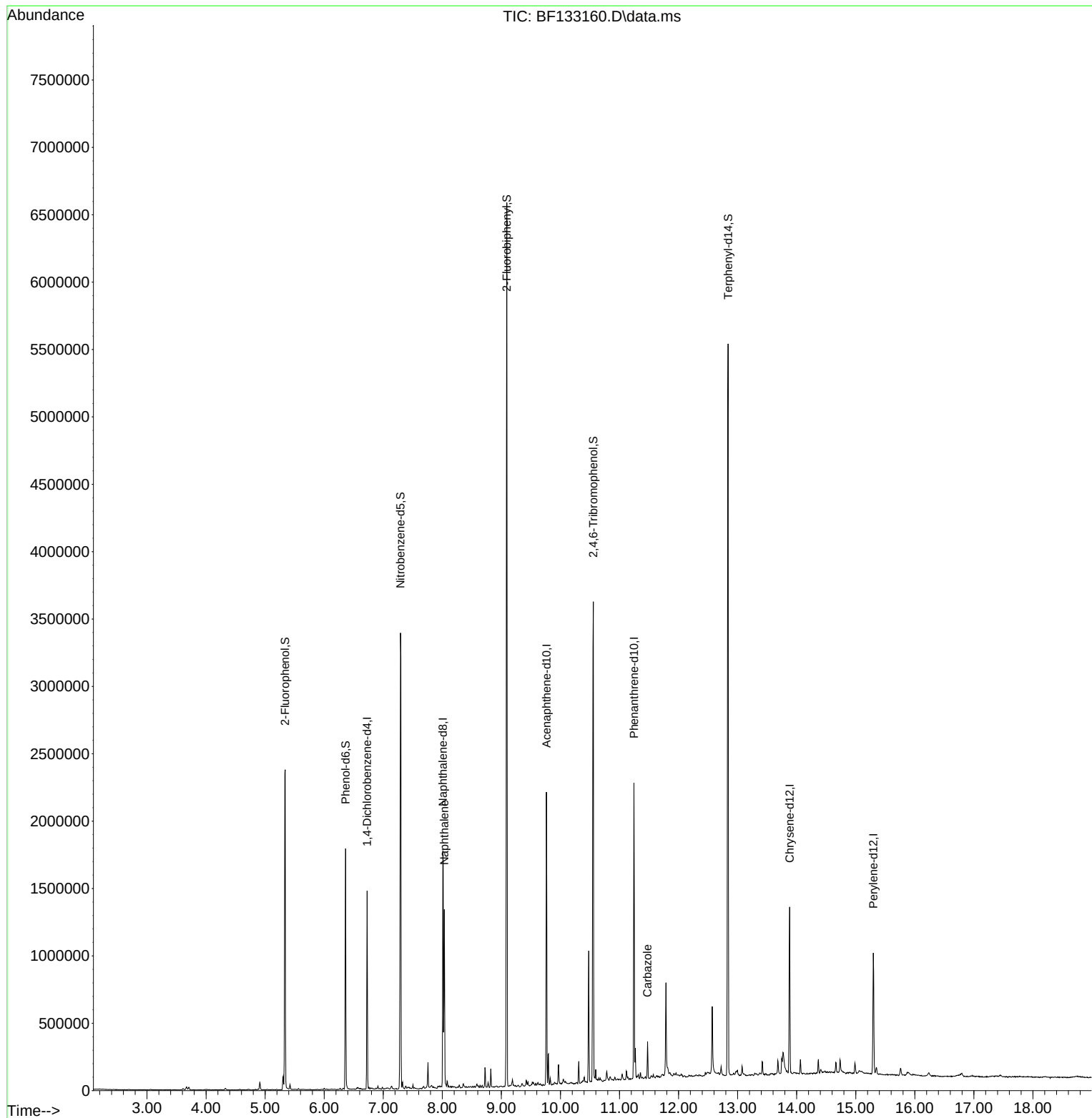
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	183210	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	760278	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	400731	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	730478	20.000	ng	0.00
76) Chrysene-d12	13.880	240	376793	20.000	ng	-0.01
86) Perylene-d12	15.298	264	369828	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	687874	56.717	ng	0.00
7) Phenol-d6	6.363	99	510124	33.887	ng	-0.01
23) Nitrobenzene-d5	7.292	82	1164658	82.686	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	483868	120.063	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1927453	80.469	ng	0.00
79) Terphenyl-d14	12.839	244	2044065	93.561	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.033	128	445350	11.716	ng	99
73) Carbazole	11.474	167	95493	2.669	ng	97

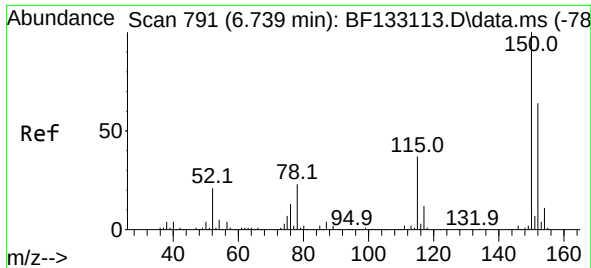
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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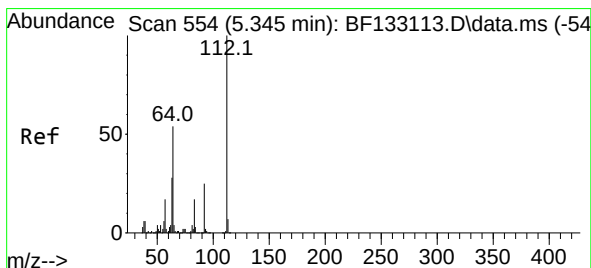
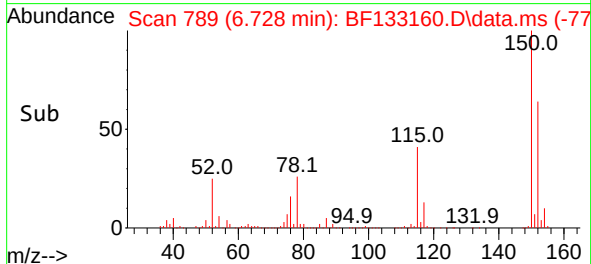
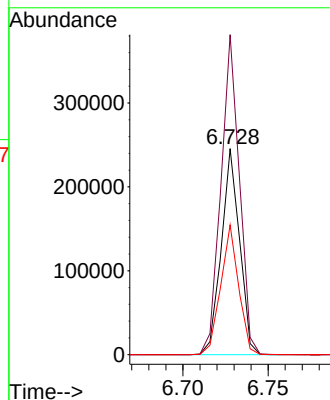
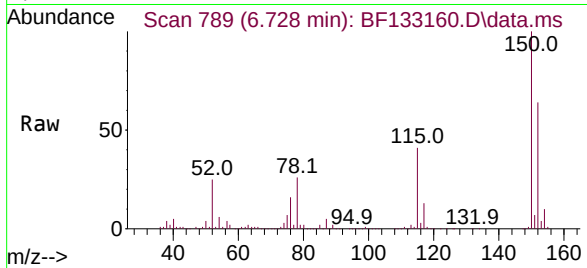




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.005 min
 Lab File: BF133160.D
 Acq: 01 May 2023 17:34

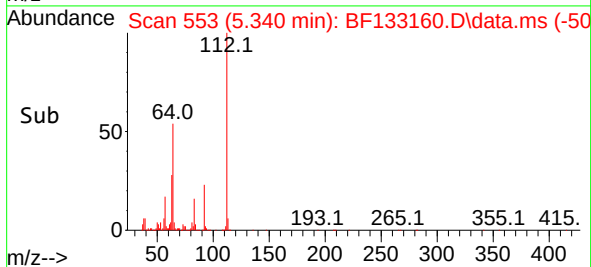
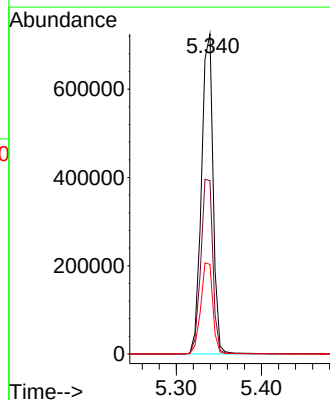
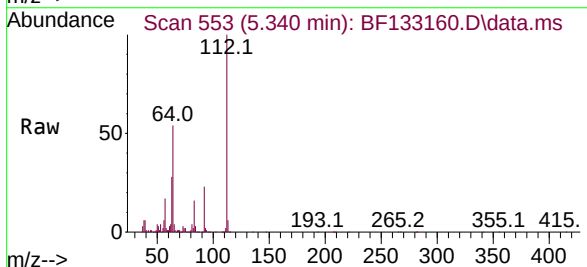
Instrument :
 BNA_F
 ClientSampleId :
 GMW-11

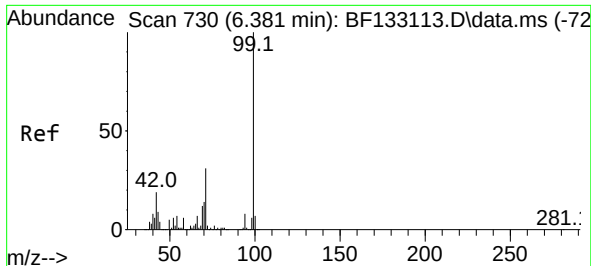
Tgt Ion:152 Resp: 183210
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.8 187.2
 115 63.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 56.717 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.000 min
 Lab File: BF133160.D
 Acq: 01 May 2023 17:34

Tgt Ion:112 Resp: 687874
 Ion Ratio Lower Upper
 112 100
 64 54.2 46.8 70.2
 63 28.0 23.8 35.8

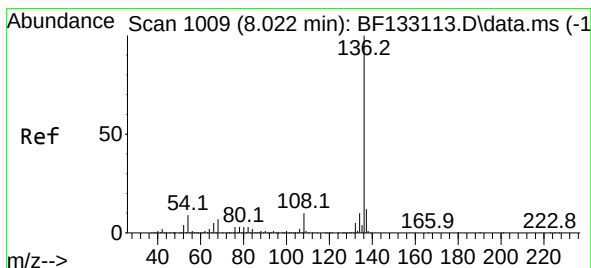
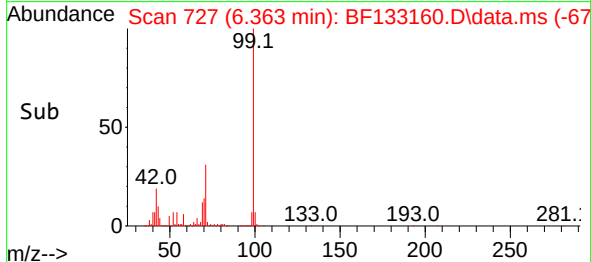
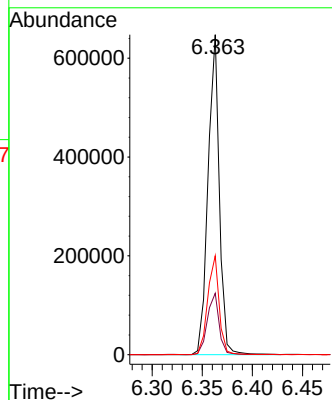
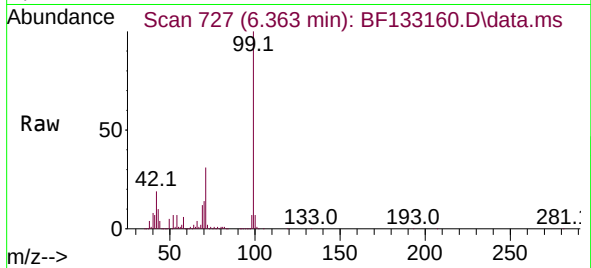




#7
Phenol-d6
Concen: 33.887 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133160.D
Acq: 01 May 2023 17:34

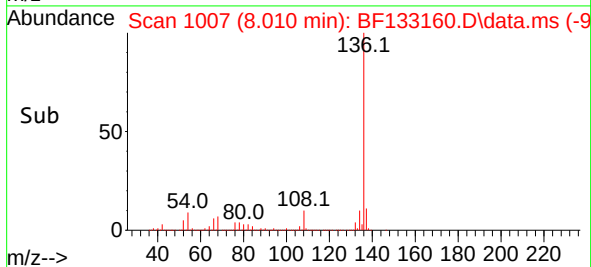
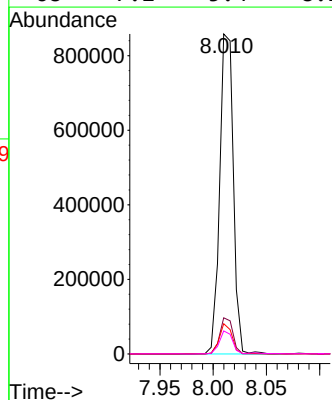
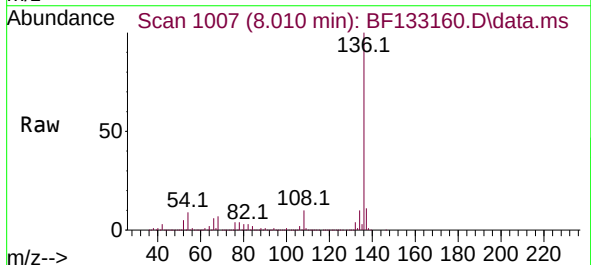
Instrument :
BNA_F
ClientSampleId :
GMW-11

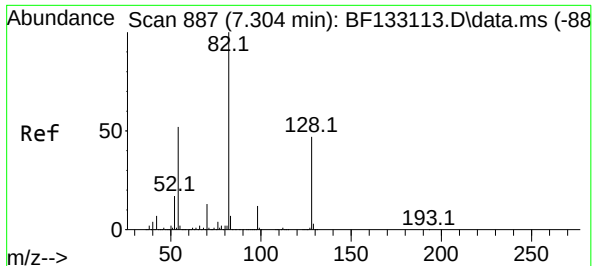
Tgt Ion: 99 Resp: 510124
Ion Ratio Lower Upper
99 100
42 19.2 16.3 24.5
71 30.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133160.D
Acq: 01 May 2023 17:34

Tgt Ion: 136 Resp: 760278
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.4 7.0 10.4
68 7.2 5.4 8.2





#23

Nitrobenzene-d5

Concen: 82.686 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133160.D

Acq: 01 May 2023 17:34

Instrument :

BNA_F

ClientSampleId :

GMW-11

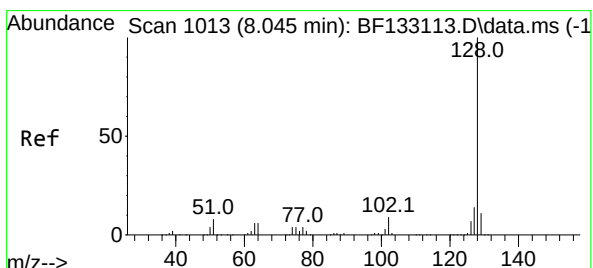
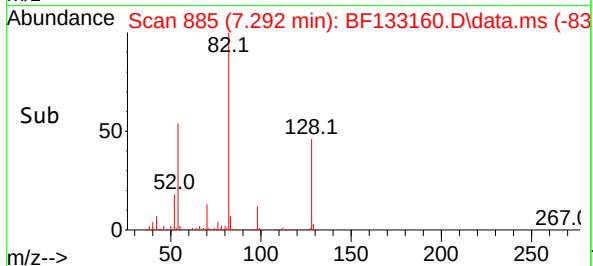
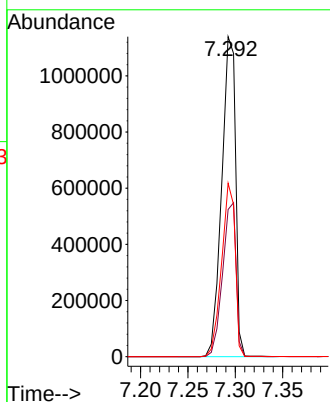
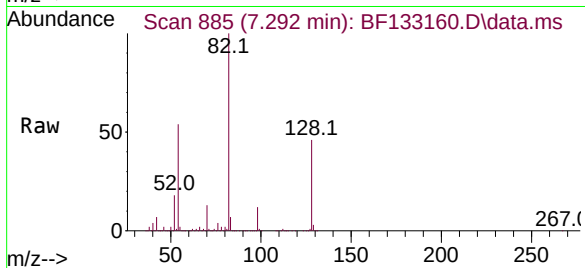
Tgt Ion: 82 Resp: 1164658

Ion Ratio Lower Upper

82 100

128 46.0 37.7 56.5

54 54.2 43.0 64.4



#31

Naphthalene

Concen: 11.716 ng

RT: 8.033 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BF133160.D

Acq: 01 May 2023 17:34

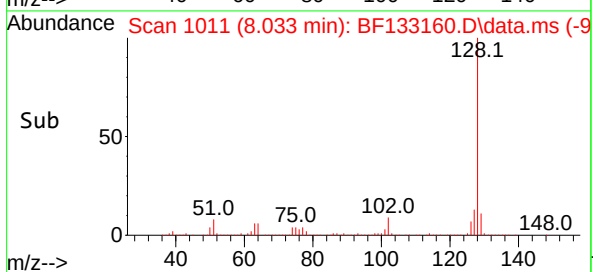
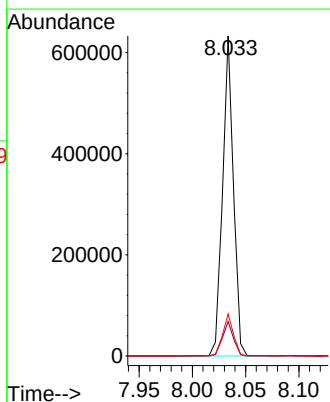
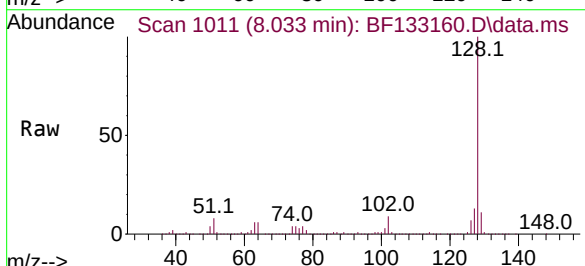
Tgt Ion:128 Resp: 445350

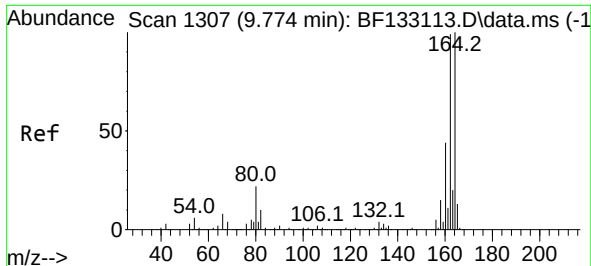
Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

127 13.1 10.7 16.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133160.D

Acq: 01 May 2023 17:34

Instrument :

BNA_F

ClientSampleId :

GMW-11

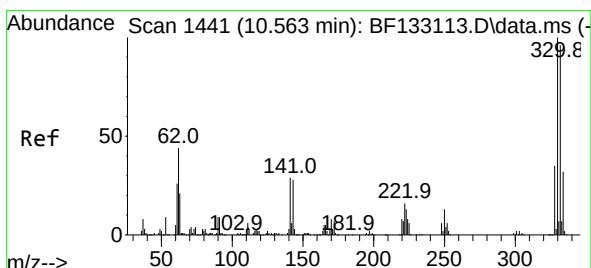
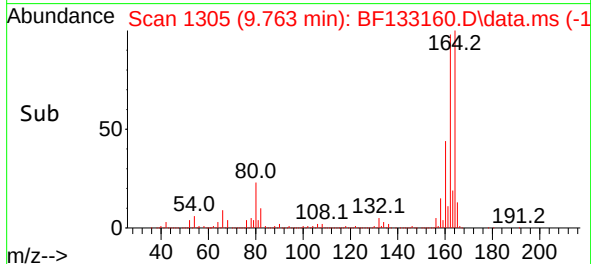
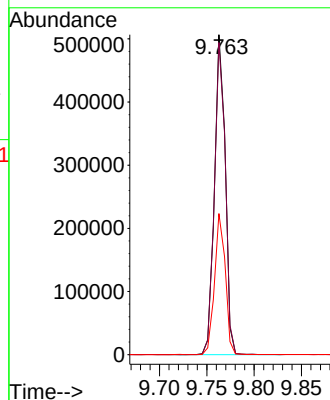
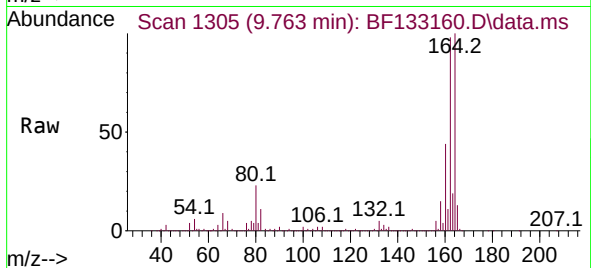
Tgt Ion:164 Resp: 400731

Ion Ratio Lower Upper

164 100

162 97.6 78.7 118.1

160 44.1 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 120.063 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF133160.D

Acq: 01 May 2023 17:34

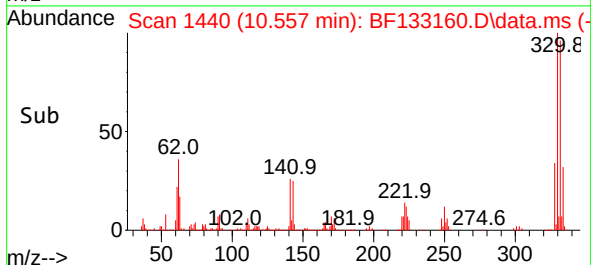
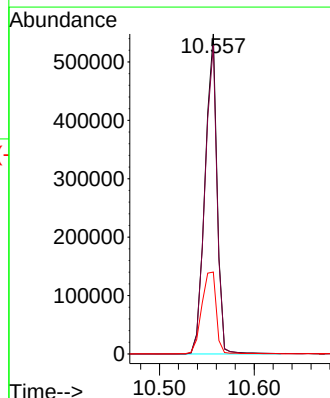
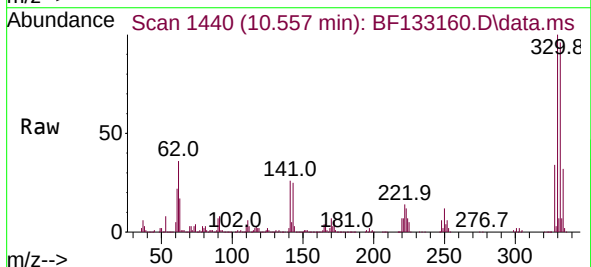
Tgt Ion:330 Resp: 483868

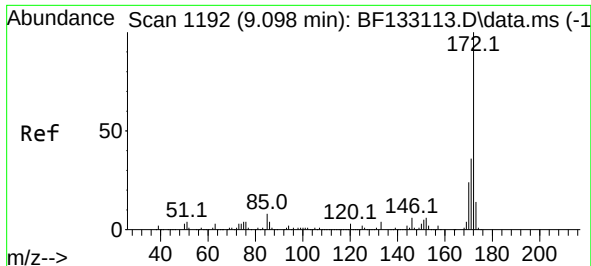
Ion Ratio Lower Upper

330 100

332 97.5 77.1 115.7

141 31.2 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 80.469 ng

RT: 9.092 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF133160.D

Acq: 01 May 2023 17:34

Instrument :

BNA_F

ClientSampleId :

GMW-11

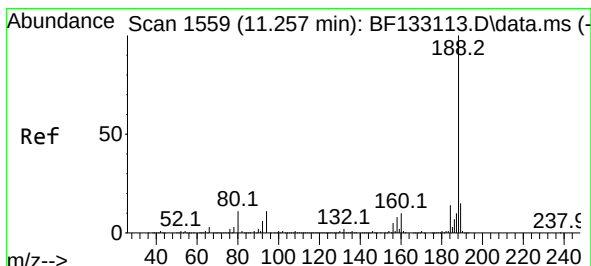
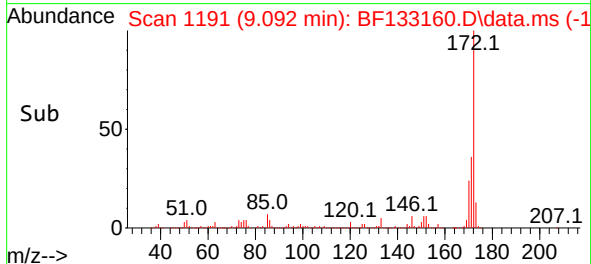
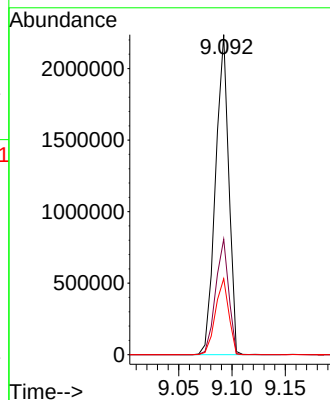
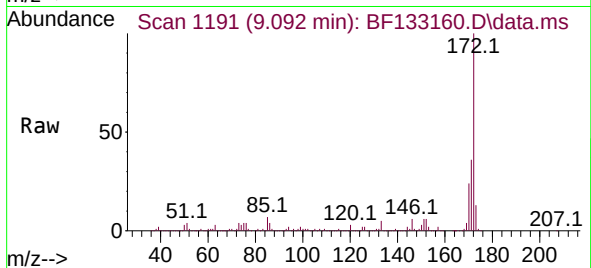
Tgt Ion:172 Resp: 1927453

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.8 19.4 29.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1557

Delta R.T. -0.006 min

Lab File: BF133160.D

Acq: 01 May 2023 17:34

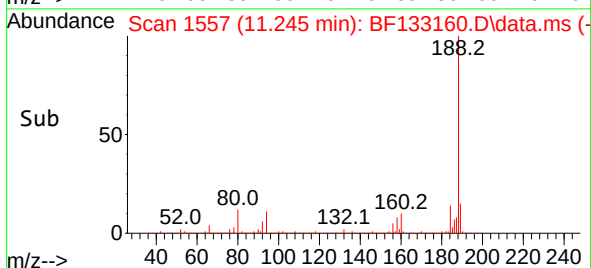
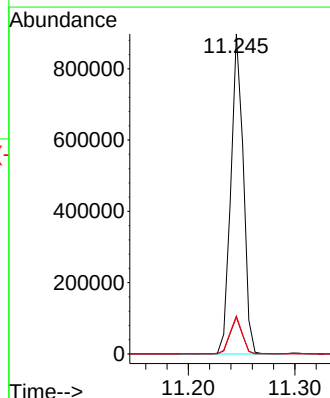
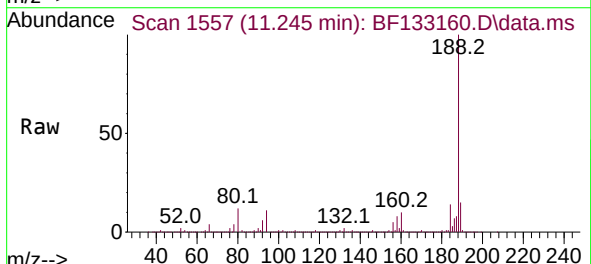
Tgt Ion:188 Resp: 730478

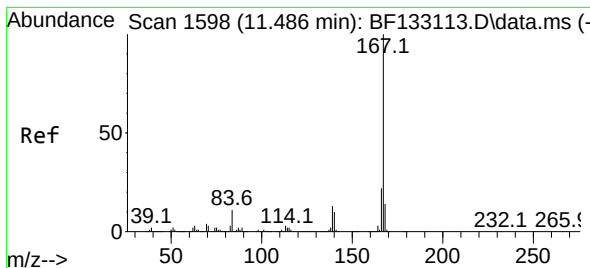
Ion Ratio Lower Upper

188 100

94 11.5 9.7 14.5

80 11.9 10.4 15.6





#73

Carbazole

Concen: 2.669 ng

RT: 11.474 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF133160.D

Acq: 01 May 2023 17:34

Instrument :

BNA_F

ClientSampleId :

GMW-11

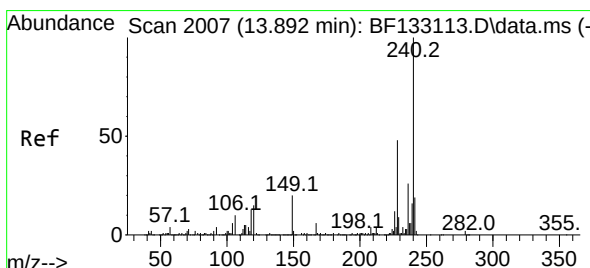
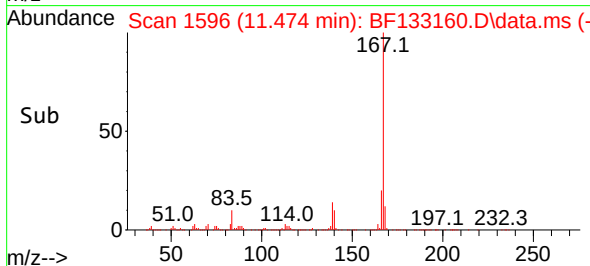
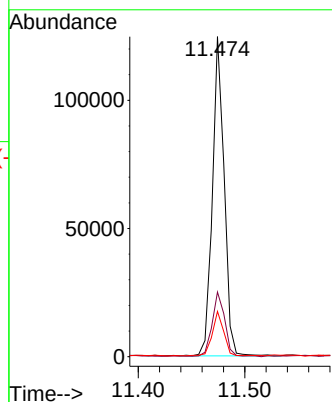
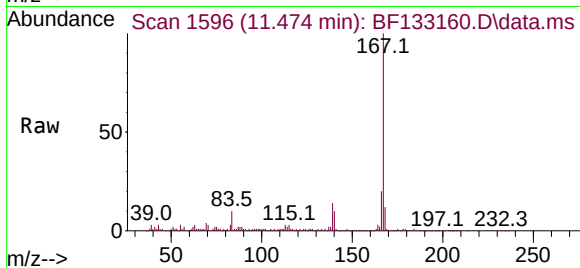
Tgt Ion:167 Resp: 95493

Ion Ratio Lower Upper

167 100

166 20.2 17.4 26.0

139 14.1 10.6 16.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. -0.012 min

Lab File: BF133160.D

Acq: 01 May 2023 17:34

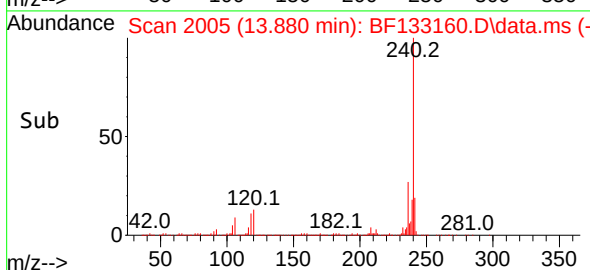
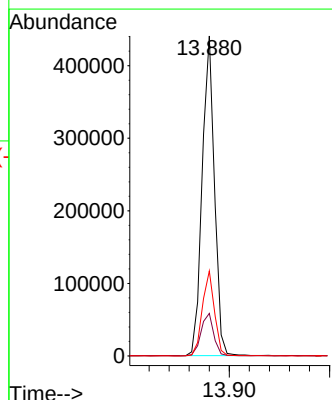
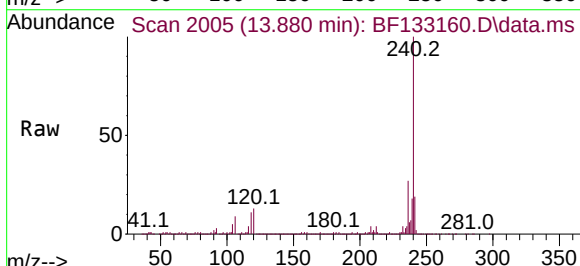
Tgt Ion:240 Resp: 376793

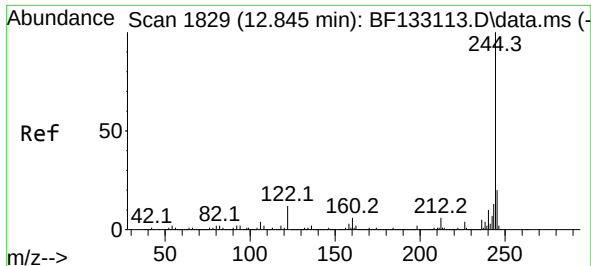
Ion Ratio Lower Upper

240 100

120 13.3 10.5 15.7

236 26.5 21.5 32.3

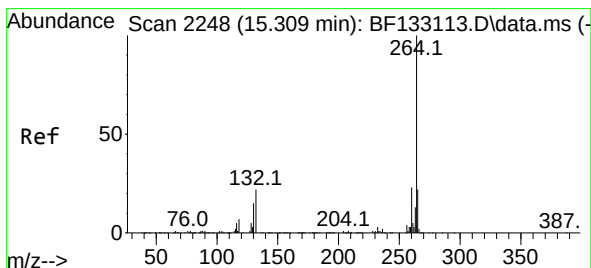
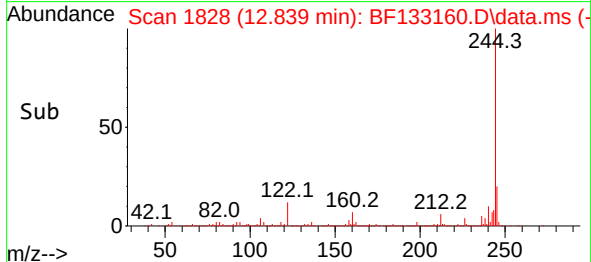
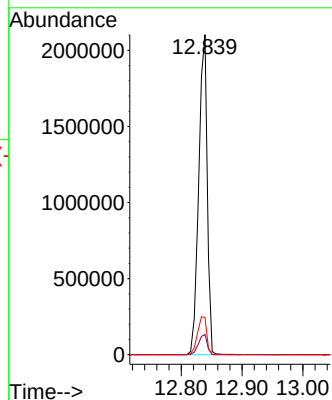
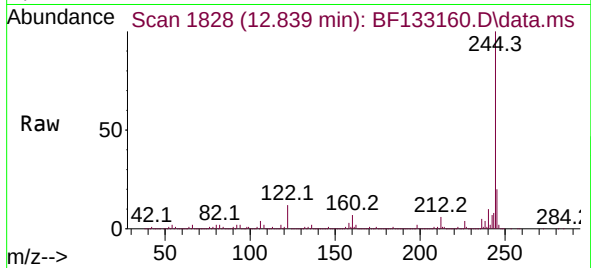




#79
 Terphenyl-d14
 Concen: 93.561 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. 0.000 min
 Lab File: BF133160.D
 Acq: 01 May 2023 17:34

Instrument :
 BNA_F
 ClientSampleId :
 GMW-11

Tgt Ion:244 Resp: 2044065
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 11.7 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. -0.006 min
 Lab File: BF133160.D
 Acq: 01 May 2023 17:34

Tgt Ion:264 Resp: 369828
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.4 17.0 25.4

