

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133159.D
 Acq On : 01 May 2023 17:02
 Operator : CG\JU
 Sample : 02558-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013-1218-01

Quant Time: May 02 05:20:39 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	190237	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	776206	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	409334	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	751134	20.000	ng	0.00
76) Chrysene-d12	13.880	240	401822	20.000	ng	-0.01
86) Perylene-d12	15.298	264	396871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1140052	90.528	ng	0.00
7) Phenol-d6	6.375	99	1374937	87.962	ng	0.00
23) Nitrobenzene-d5	7.292	82	818732	56.934	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	327061	79.449	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	1383180	56.532	ng	0.00
79) Terphenyl-d14	12.833	244	1518224	65.164	ng	0.00

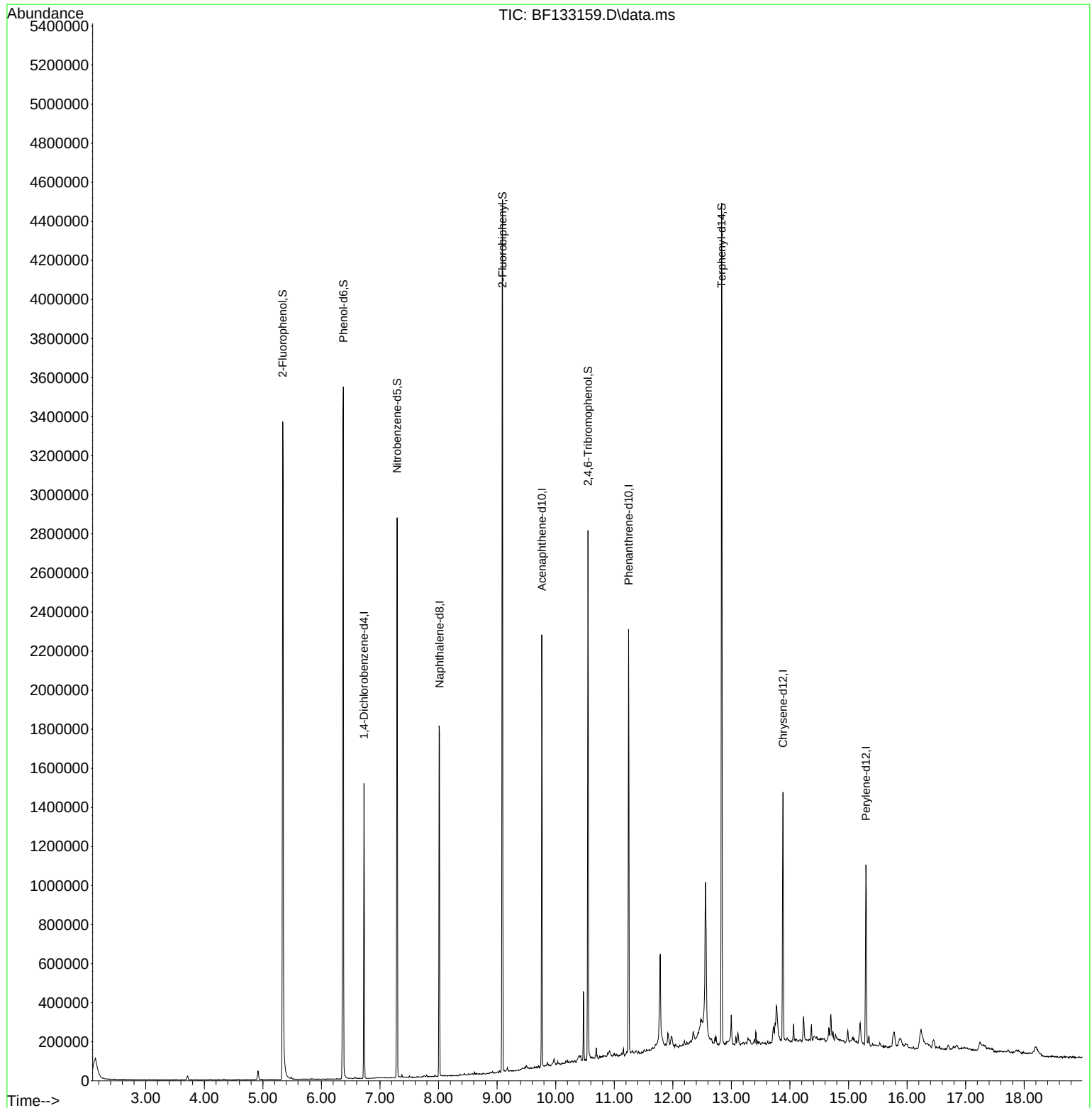
Target Compounds	Qvalue

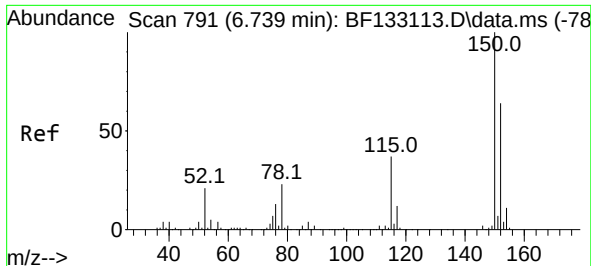
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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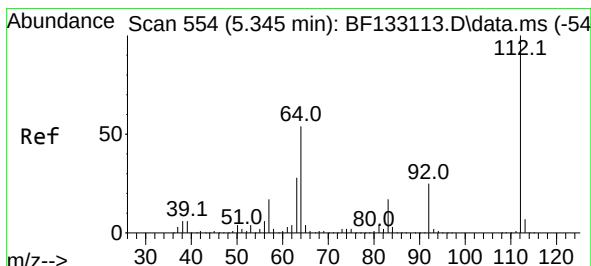
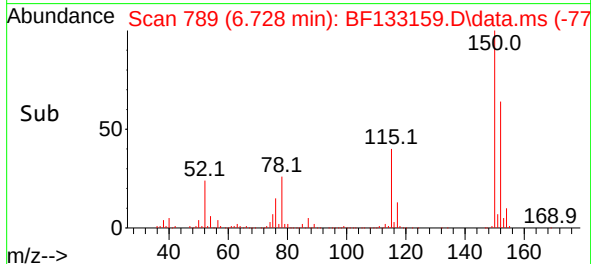
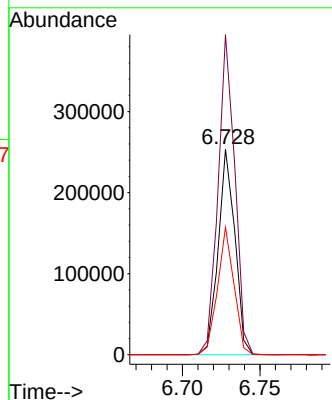
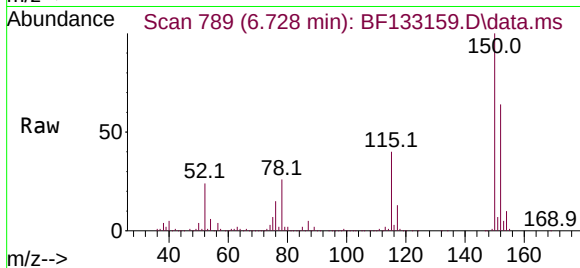




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF133159.D
Acq: 01 May 2023 17:02

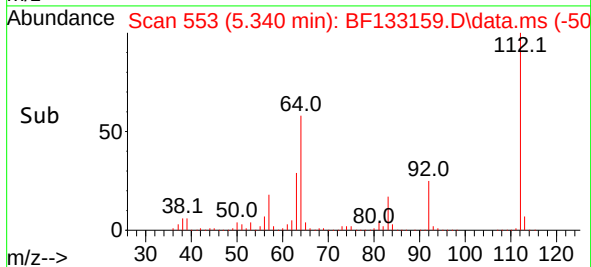
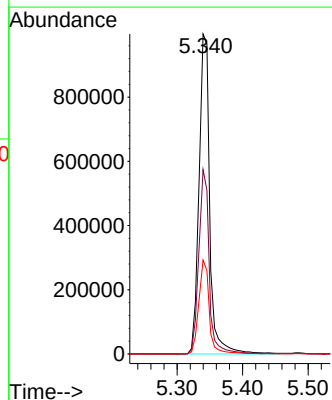
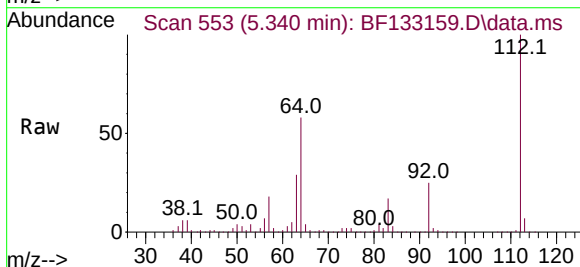
Instrument :
BNA_F
ClientSampleId :
P001-SS013-1218-01

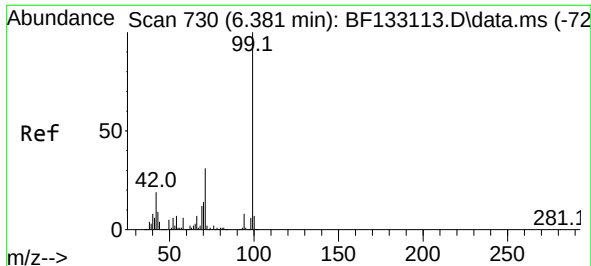
Tgt Ion:152 Resp: 190237
Ion Ratio Lower Upper
152 100
150 155.7 124.8 187.2
115 62.0 49.9 74.9



#5
2-Fluorophenol
Concen: 90.528 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133159.D
Acq: 01 May 2023 17:02

Tgt Ion:112 Resp: 1140052
Ion Ratio Lower Upper
112 100
64 57.6 46.8 70.2
63 29.4 23.8 35.8





#7

Phenol-d6

Concen: 87.962 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133159.D

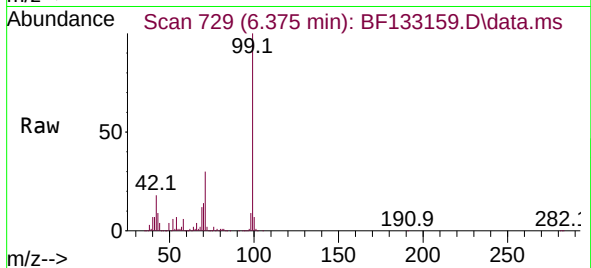
Acq: 01 May 2023 17:02

Instrument :

BNA_F

ClientSampleId :

P001-SS013-1218-01



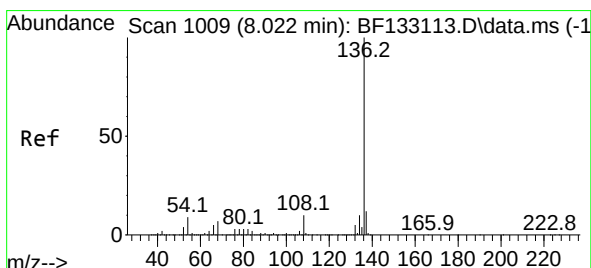
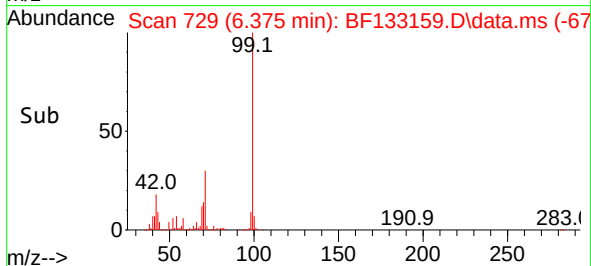
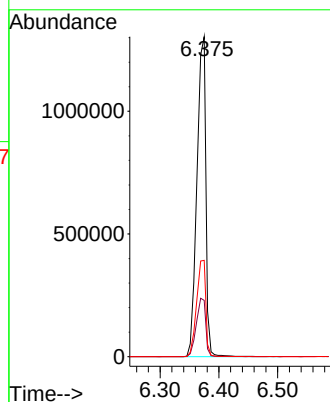
Tgt Ion: 99 Resp: 1374937

Ion Ratio Lower Upper

99 100

42 17.6 16.3 24.5

71 30.1 25.6 38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF133159.D

Acq: 01 May 2023 17:02

Tgt Ion: 136 Resp: 776206

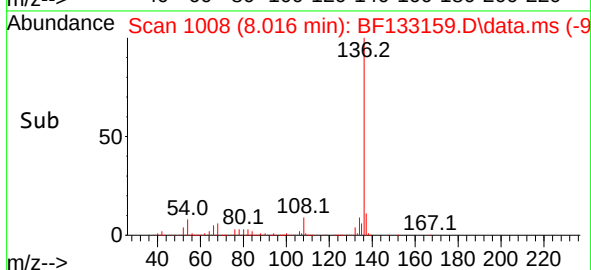
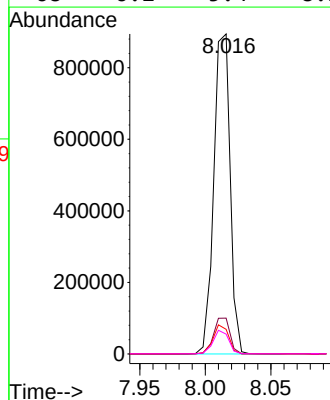
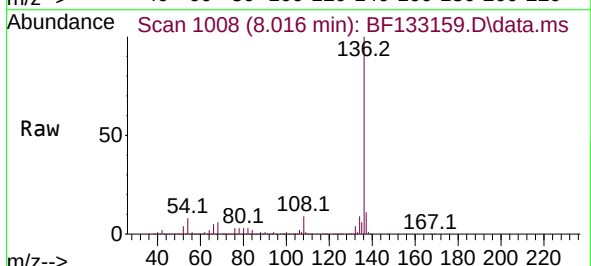
Ion Ratio Lower Upper

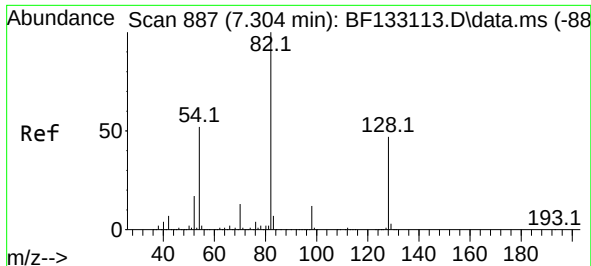
136 100

137 11.2 8.6 13.0

54 7.7 7.0 10.4

68 6.2 5.4 8.2





#23

Nitrobenzene-d5

Concen: 56.934 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133159.D

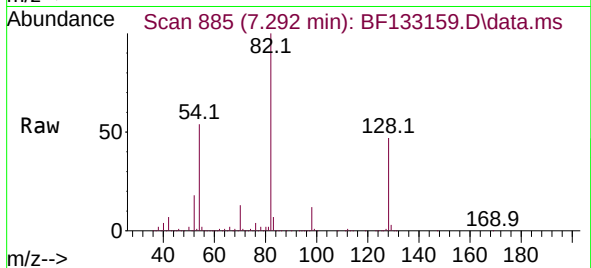
Acq: 01 May 2023 17:02

Instrument :

BNA_F

ClientSampleId :

P001-SS013-1218-01



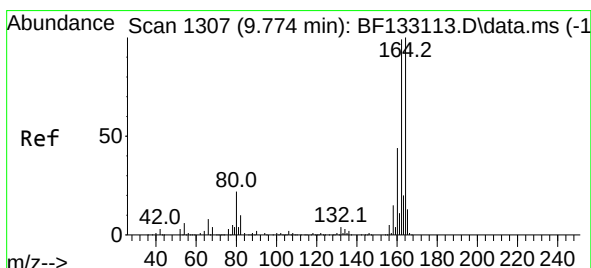
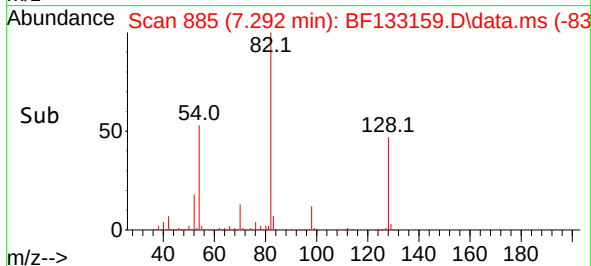
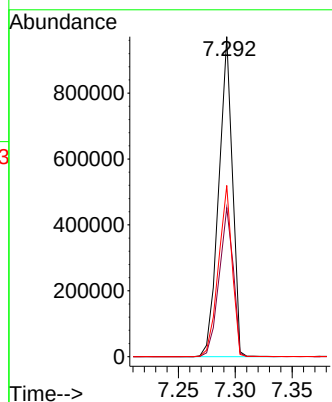
Tgt Ion: 82 Resp: 818732

Ion Ratio Lower Upper

82 100

128 46.5 37.7 56.5

54 53.5 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF133159.D

Acq: 01 May 2023 17:02

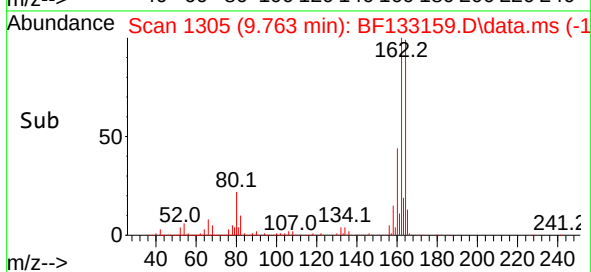
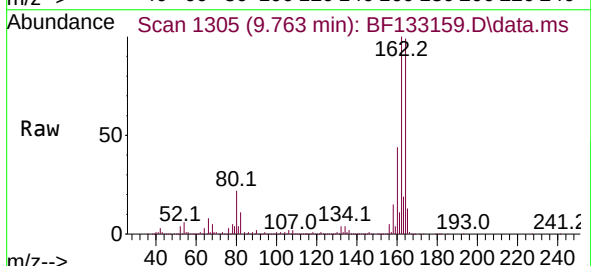
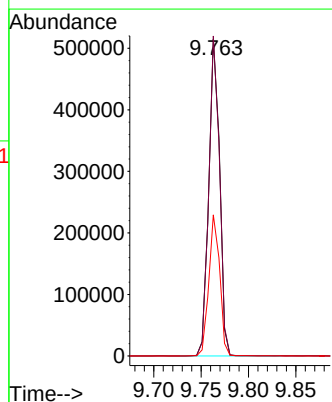
Tgt Ion: 164 Resp: 409334

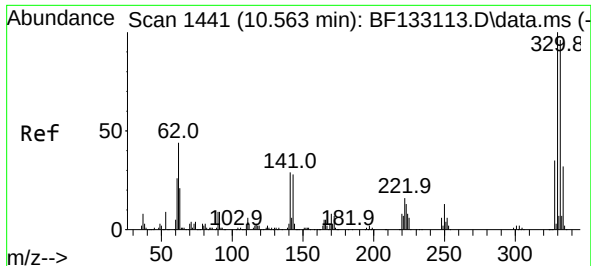
Ion Ratio Lower Upper

164 100

162 100.9 78.7 118.1

160 44.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 79.449 ng

RT: 10.551 min Scan# 1441

Delta R.T. -0.012 min

Lab File: BF133159.D

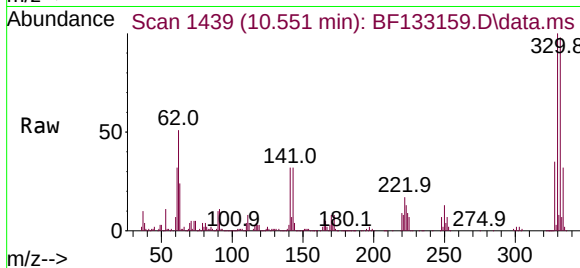
Acq: 01 May 2023 17:02

Instrument :

BNA_F

ClientSampleId :

P001-SS013-1218-01



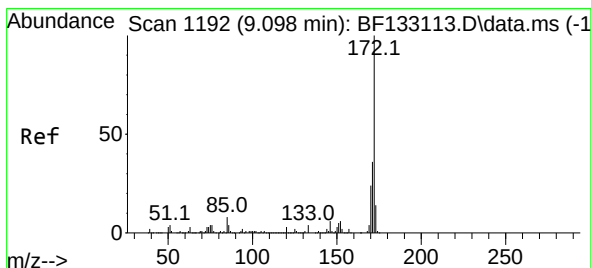
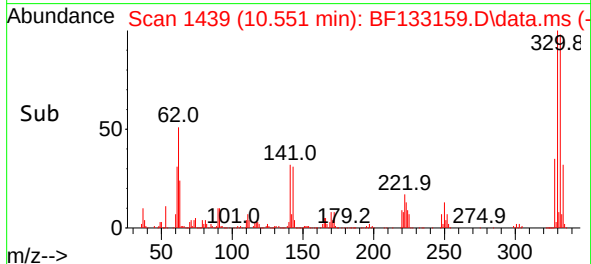
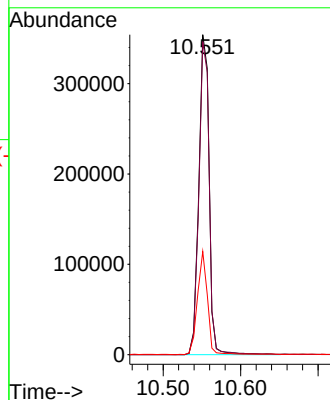
Tgt Ion:330 Resp: 327061

Ion Ratio Lower Upper

330 100

332 97.9 77.1 115.7

141 31.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 56.532 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF133159.D

Acq: 01 May 2023 17:02

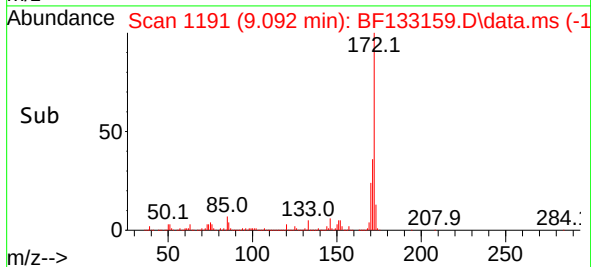
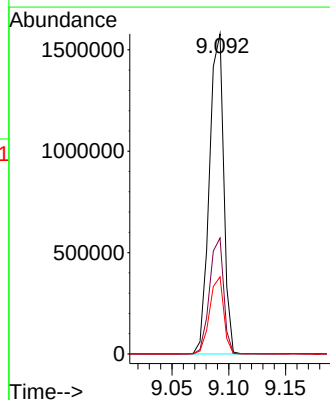
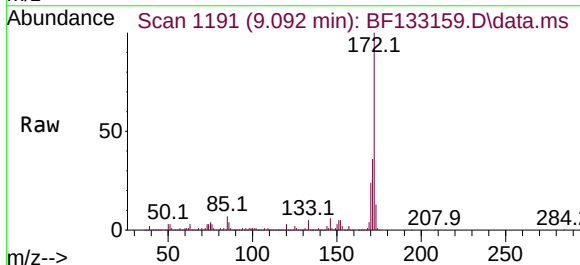
Tgt Ion:172 Resp: 1383180

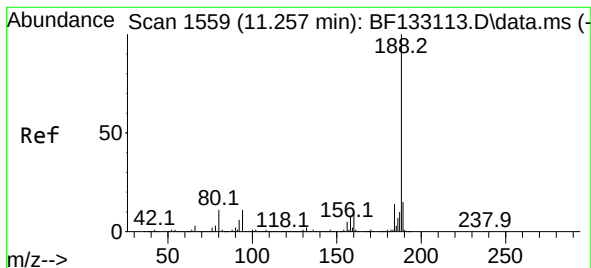
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.1 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133159.D

Acq: 01 May 2023 17:02

Instrument :

BNA_F

ClientSampleId :

P001-SS013-1218-01

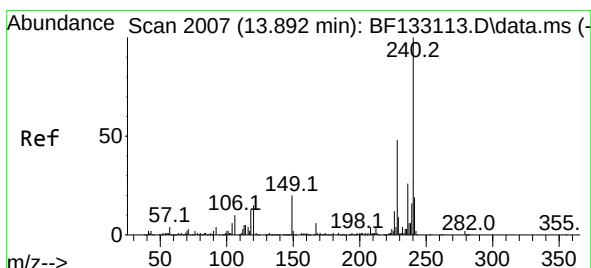
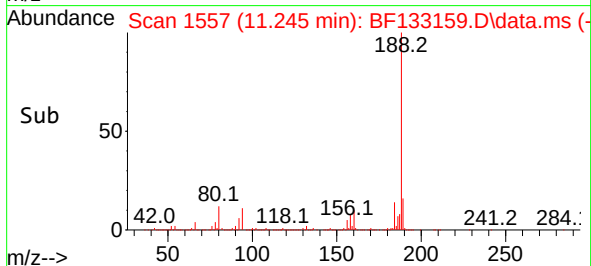
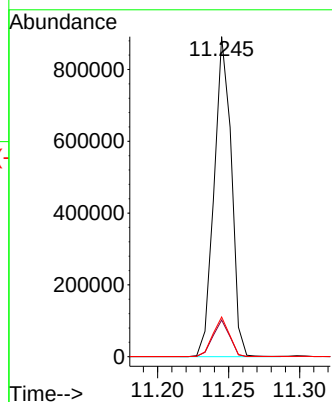
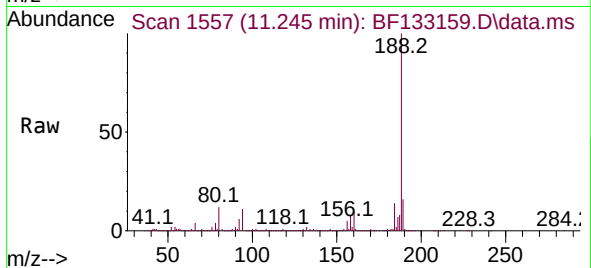
Tgt Ion:188 Resp: 751134

Ion Ratio Lower Upper

188 100

94 11.5 9.7 14.5

80 12.4 10.4 15.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. -0.012 min

Lab File: BF133159.D

Acq: 01 May 2023 17:02

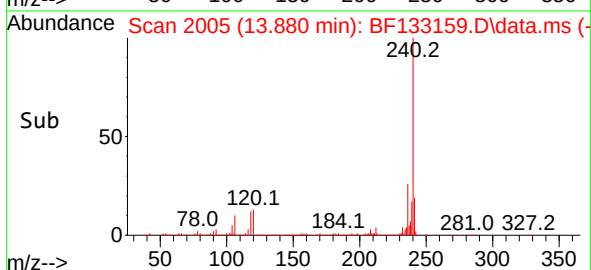
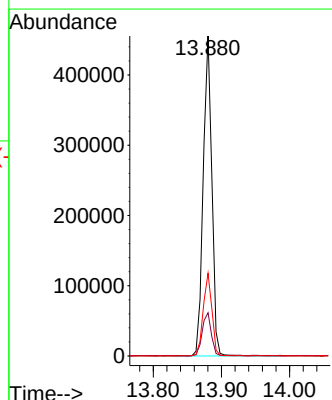
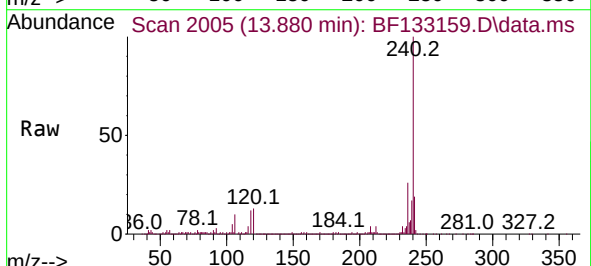
Tgt Ion:240 Resp: 401822

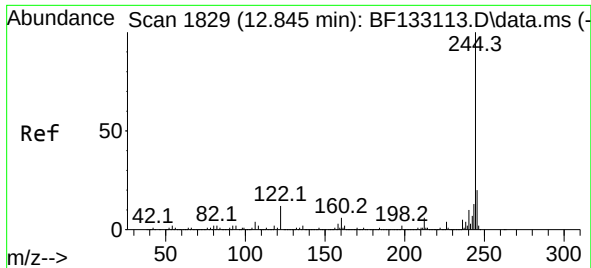
Ion Ratio Lower Upper

240 100

120 13.5 10.5 15.7

236 25.8 21.5 32.3

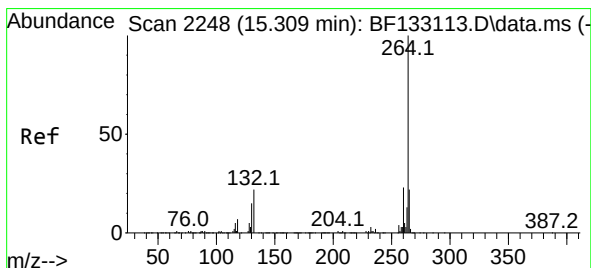
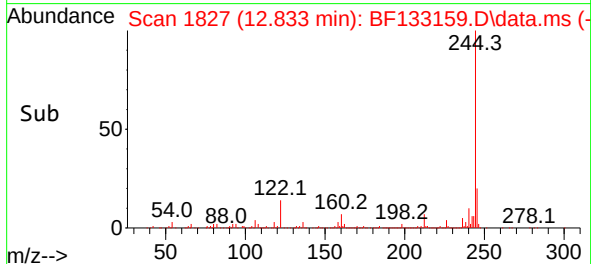
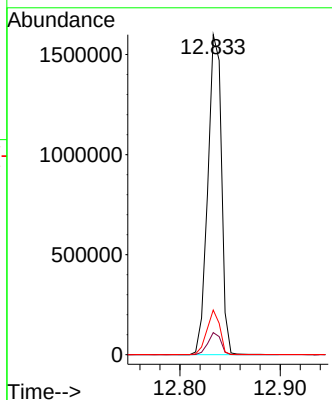
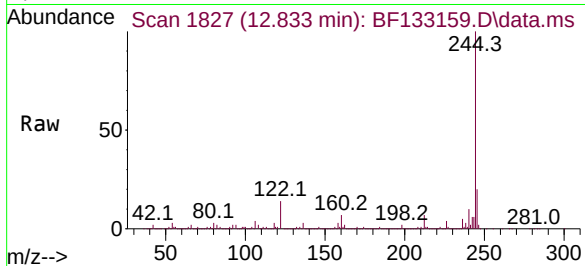




#79
 Terphenyl-d14
 Concen: 65.164 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. -0.006 min
 Lab File: BF133159.D
 Acq: 01 May 2023 17:02

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013-1218-01

Tgt Ion:244 Resp: 1518224
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 14.0 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: BF133159.D
 Acq: 01 May 2023 17:02

Tgt Ion:264 Resp: 396871
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.5 17.0 25.4

