

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133280.D
 Acq On : 05 May 2023 23:57
 Operator : CG\JU
 Sample : 02618-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: May 06 05:53:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	184627	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	737947	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	387253	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	681707	20.000	ng	0.00
76) Chrysene-d12	13.874	240	390599	20.000	ng	0.00
86) Perylene-d12	15.292	264	334123	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	616836	50.469	ng	0.02
7) Phenol-d6	6.369	99	234036	15.427	ng	0.00
23) Nitrobenzene-d5	7.292	82	1201215	87.862	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	422096	108.381	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1987704	85.872	ng	0.00
79) Terphenyl-d14	12.827	244	1826967	80.669	ng	0.00

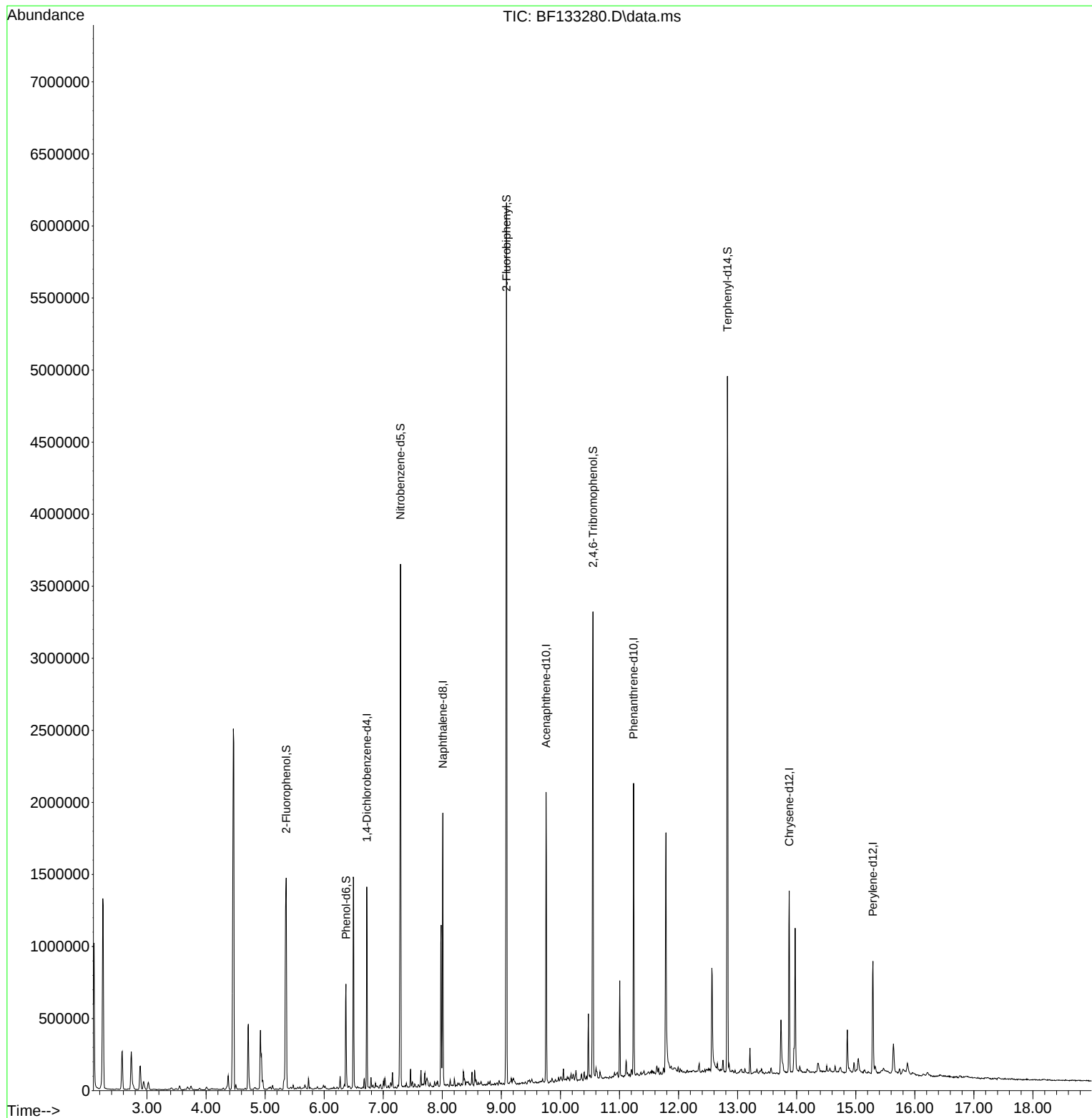
Target Compounds	Qvalue

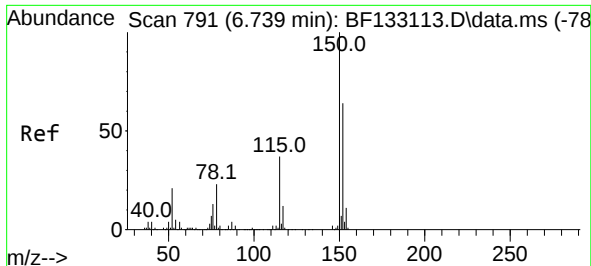
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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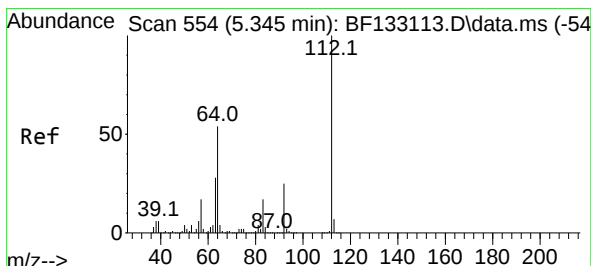
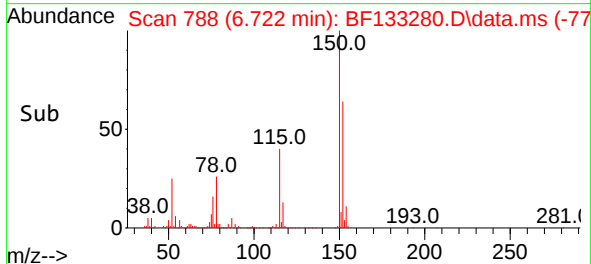
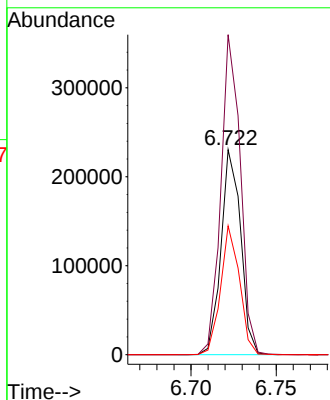
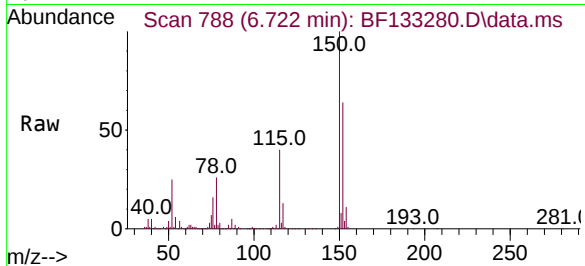




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF133280.D
 Acq: 05 May 2023 23:57

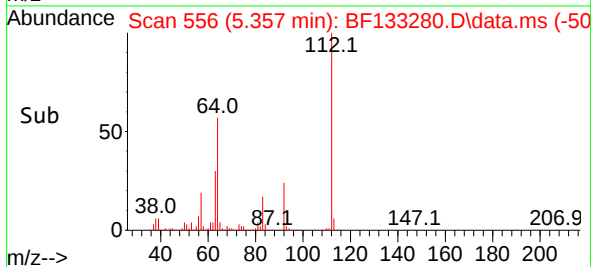
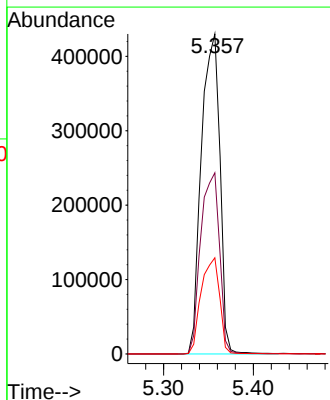
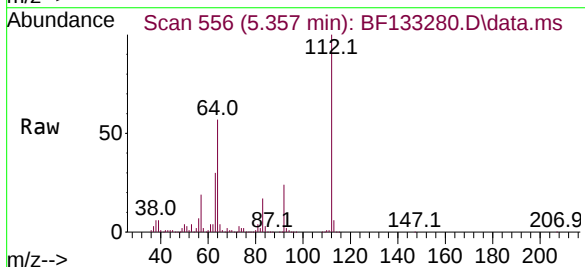
Instrument :
 BNA_F
 ClientSampleId :
 DSN001

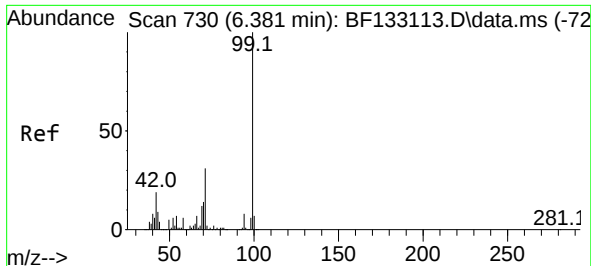
Tgt Ion:152 Resp: 184627
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.8 187.2
 115 62.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 50.469 ng
 RT: 5.357 min Scan# 556
 Delta R.T. 0.023 min
 Lab File: BF133280.D
 Acq: 05 May 2023 23:57

Tgt Ion:112 Resp: 616836
 Ion Ratio Lower Upper
 112 100
 64 56.6 46.8 70.2
 63 30.1 23.8 35.8





#7

Phenol-d6

Concen: 15.427 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF133280.D

Acq: 05 May 2023 23:57

Instrument :

BNA_F

ClientSampleId :

DSN001

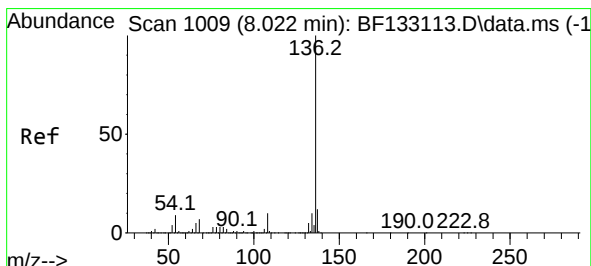
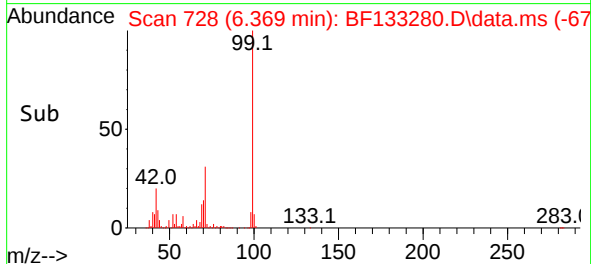
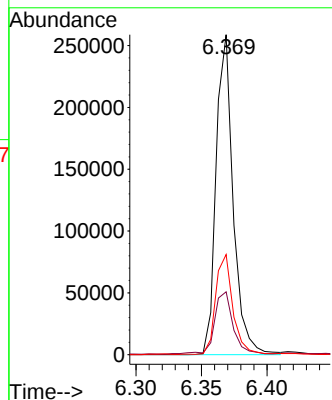
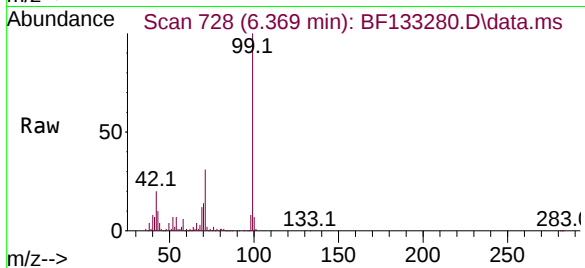
Tgt Ion: 99 Resp: 234036

Ion Ratio Lower Upper

99 100

42 19.7 16.3 24.5

71 31.3 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: BF133280.D

Acq: 05 May 2023 23:57

Tgt Ion: 136 Resp: 737947

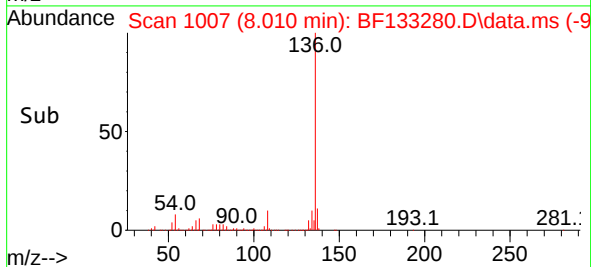
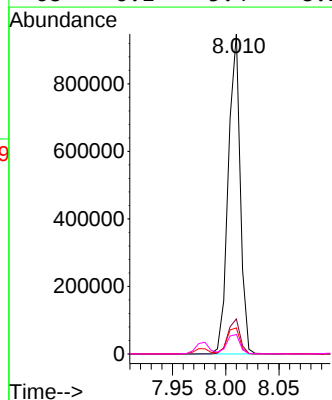
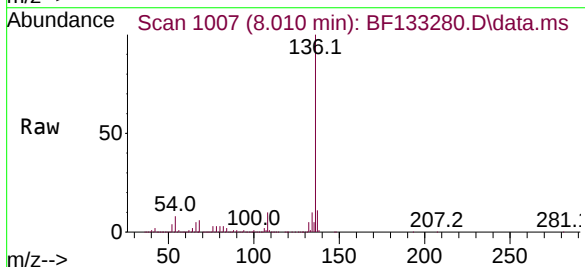
Ion Ratio Lower Upper

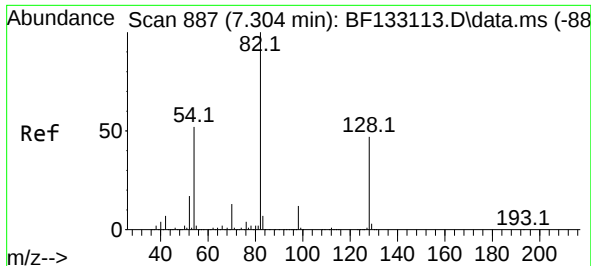
136 100

137 10.9 8.6 13.0

54 8.2 7.0 10.4

68 6.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 87.862 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133280.D

Acq: 05 May 2023 23:57

Instrument :

BNA_F

ClientSampleId :

DSN001

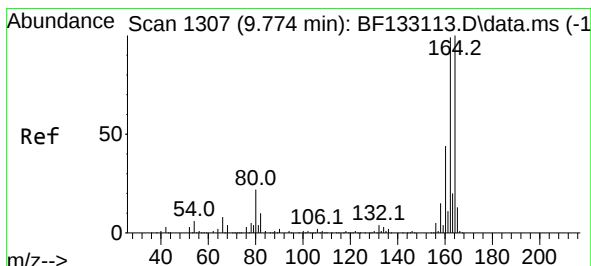
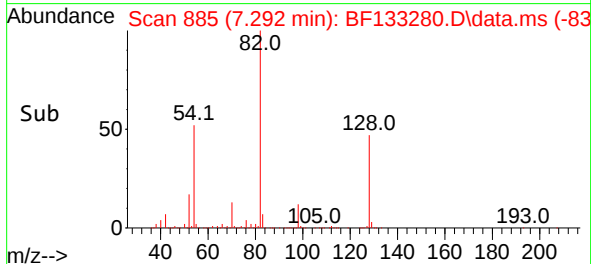
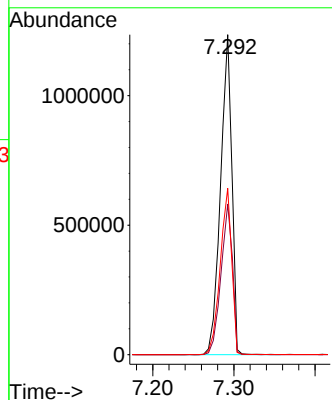
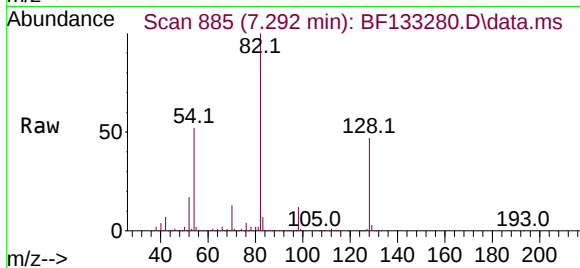
Tgt Ion: 82 Resp: 1201215

Ion Ratio Lower Upper

82 100

128 47.1 37.7 56.5

54 52.0 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF133280.D

Acq: 05 May 2023 23:57

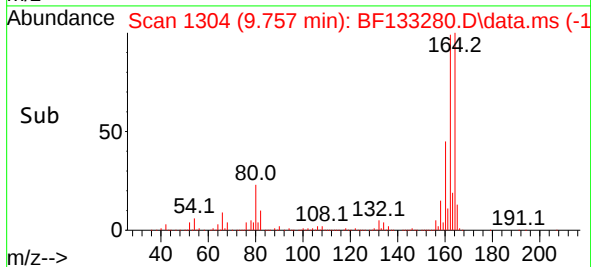
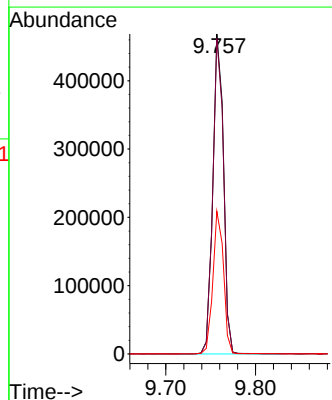
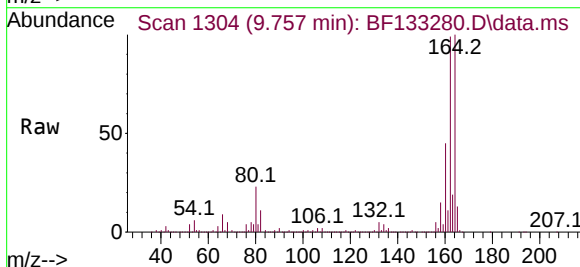
Tgt Ion: 164 Resp: 387253

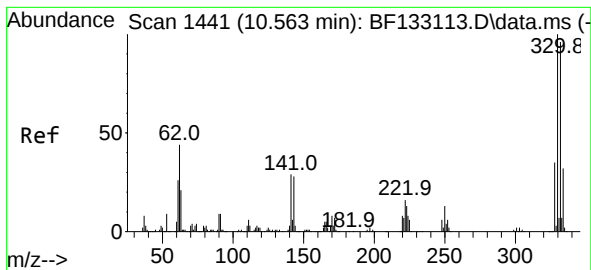
Ion Ratio Lower Upper

164 100

162 98.6 78.7 118.1

160 44.6 35.8 53.6

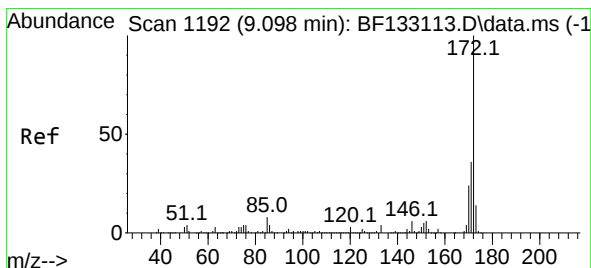
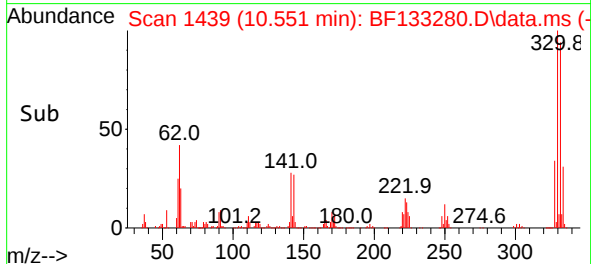
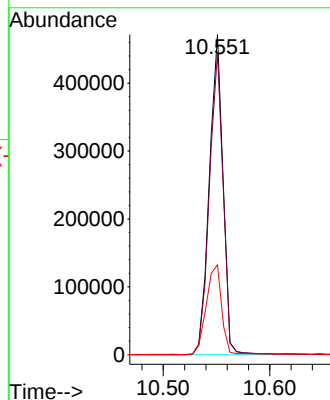
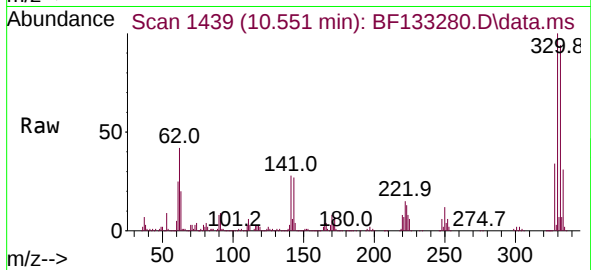




#42
2,4,6-Tribromophenol
Concen: 108.381 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133280.D
Acq: 05 May 2023 23:57

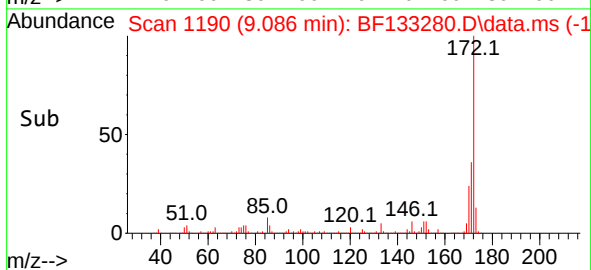
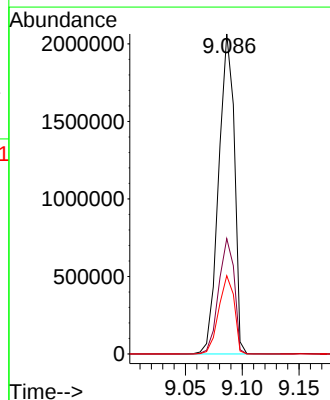
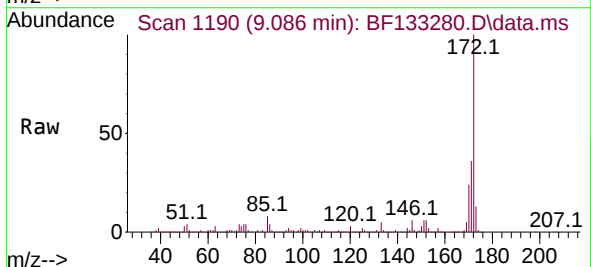
Instrument :
BNA_F
ClientSampleId :
DSN001

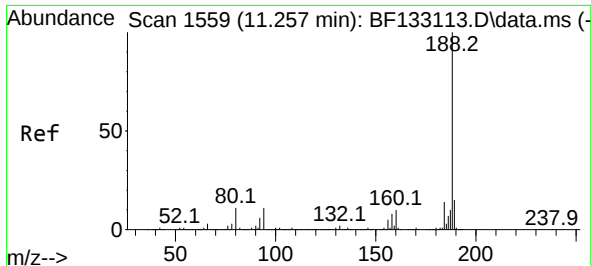
Tgt Ion:330 Resp: 422096
Ion Ratio Lower Upper
330 100
332 95.2 77.1 115.7
141 31.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 85.872 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133280.D
Acq: 05 May 2023 23:57

Tgt Ion:172 Resp: 1987704
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.4 19.4 29.2

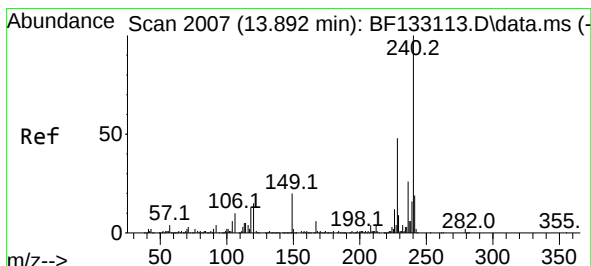
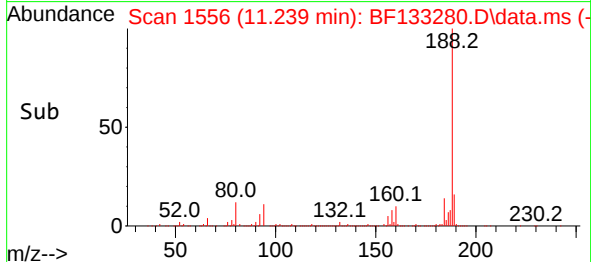
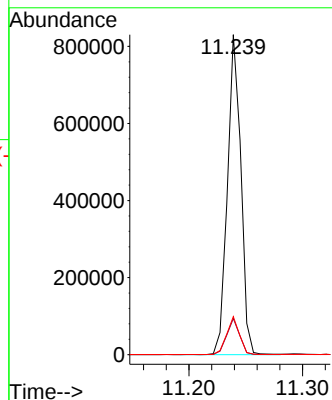
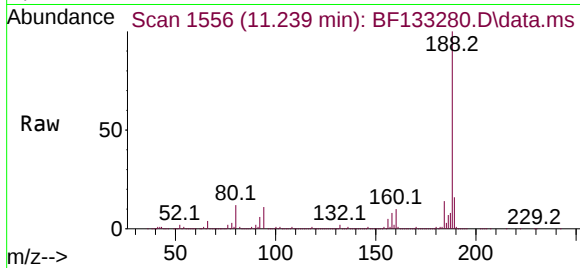




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133280.D
Acq: 05 May 2023 23:57

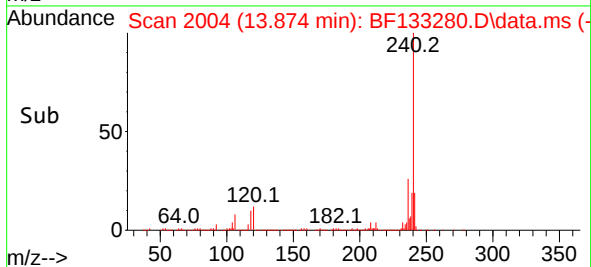
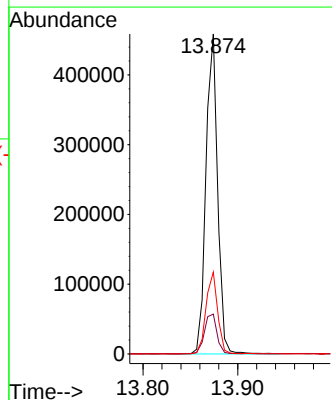
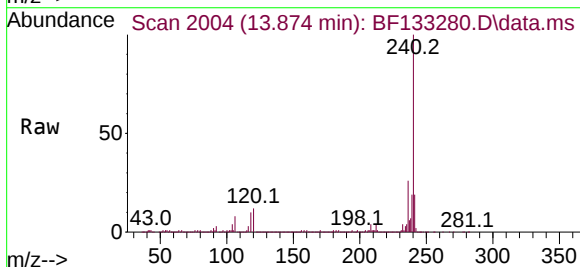
Instrument :
BNA_F
ClientSampleId :
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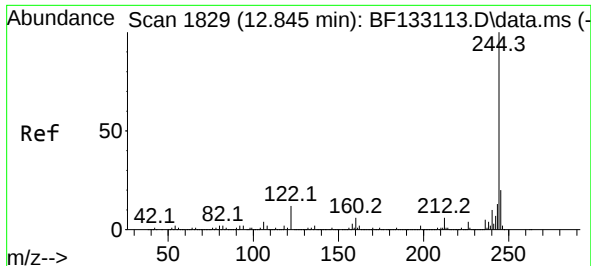
Tgt Ion:188 Resp: 681707
Ion Ratio Lower Upper
188 100
94 11.3 9.7 14.5
80 11.9 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133280.D
Acq: 05 May 2023 23:57

Tgt Ion:240 Resp: 390599
Ion Ratio Lower Upper
240 100
120 12.4 10.5 15.7
236 25.6 21.5 32.3

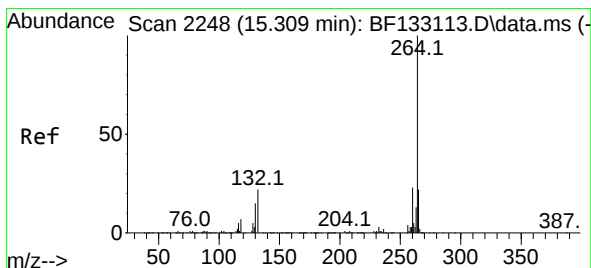
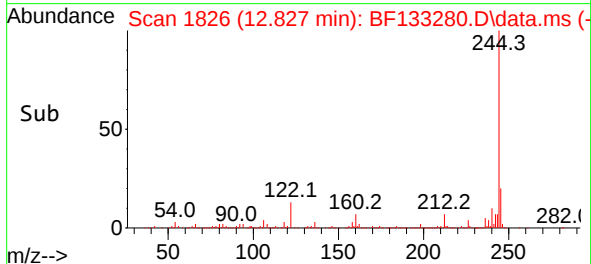
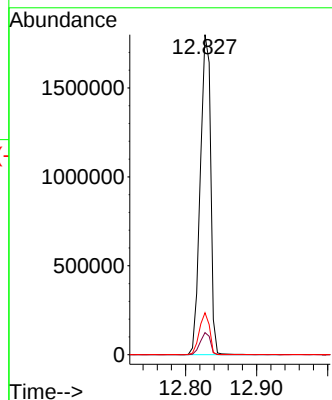
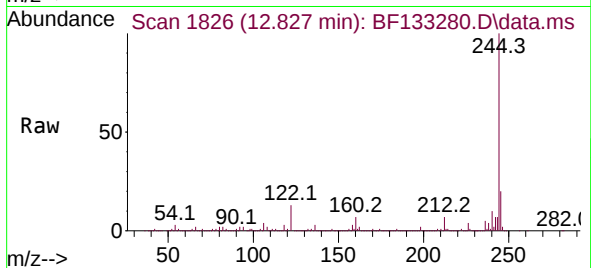




#79
 Terphenyl-d14
 Concen: 80.669 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133280.D
 Acq: 05 May 2023 23:57

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:244 Resp: 1826967
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 13.1 8.6 13.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. -0.000 min
 Lab File: BF133280.D
 Acq: 05 May 2023 23:57

Tgt Ion:264 Resp: 334123
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.4 17.0 25.4

