

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133359.D
 Acq On : 11 May 2023 17:36
 Operator : CG\JU
 Sample : 02742-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 14-051023

Quant Time: May 11 18:29:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	165196	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	667030	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	333877	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	571471	20.000	ng	0.00
76) Chrysene-d12	13.869	240	331885	20.000	ng	-0.01
86) Perylene-d12	15.286	264	408278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	464364	42.463	ng	0.00
7) Phenol-d6	6.357	99	371081	27.339	ng	-0.01
23) Nitrobenzene-d5	7.281	82	715112	57.868	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	298586	88.924	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1327482	66.518	ng	0.00
79) Terphenyl-d14	12.822	244	1308245	67.984	ng	0.00

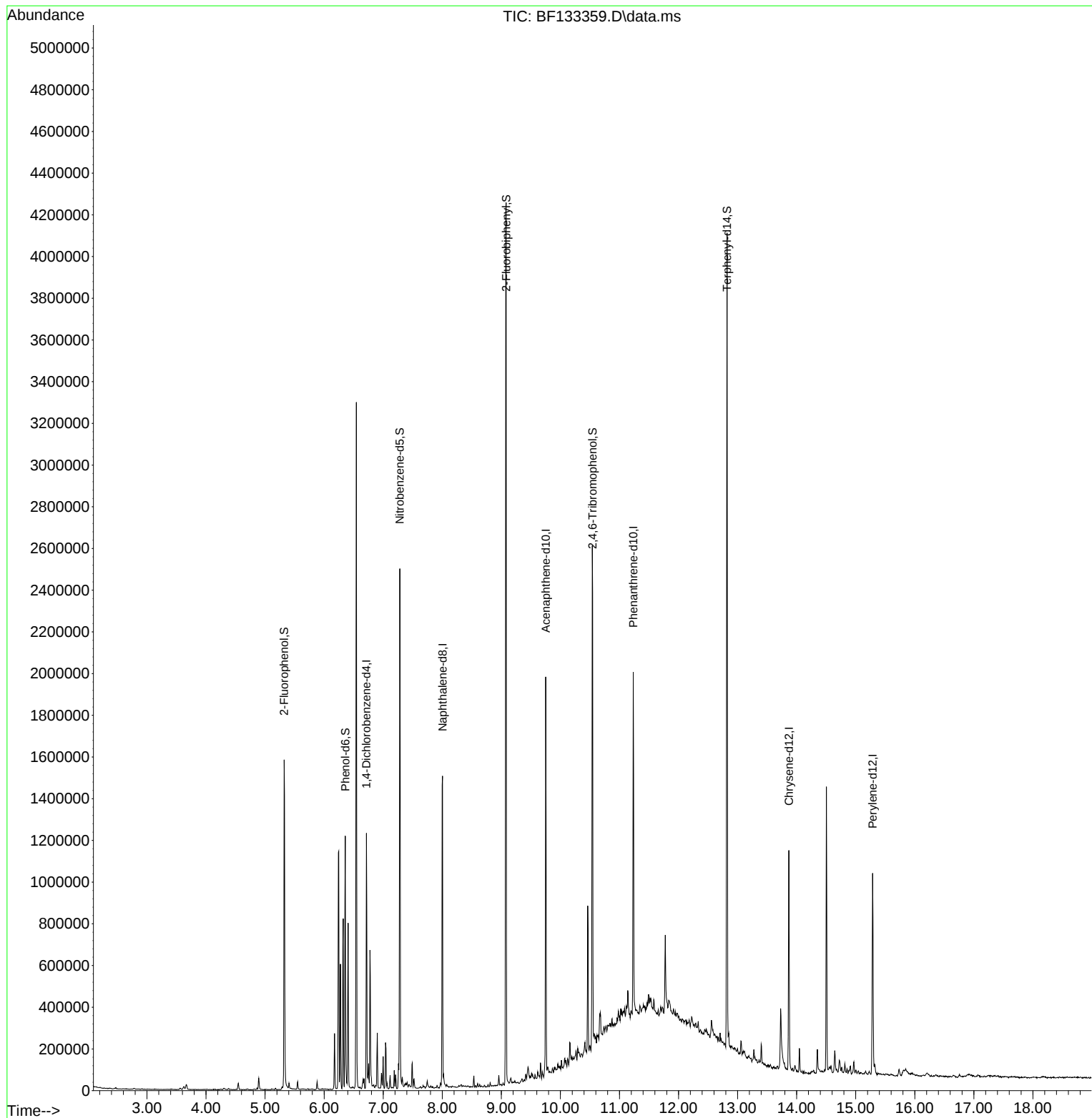
Target Compounds	Qvalue

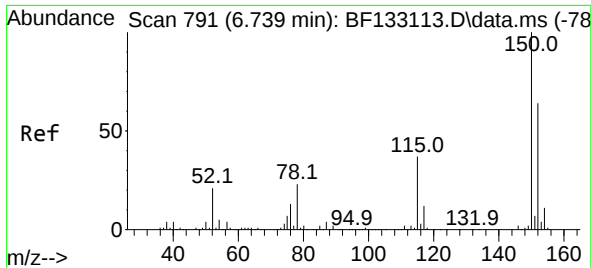
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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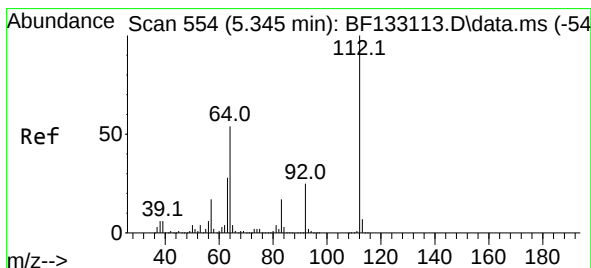
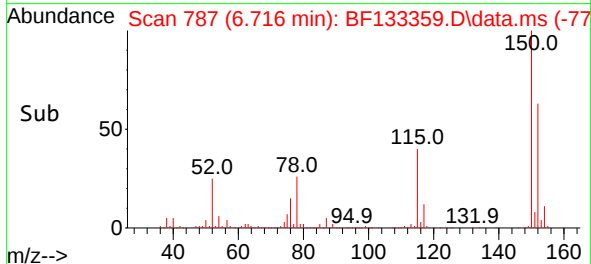
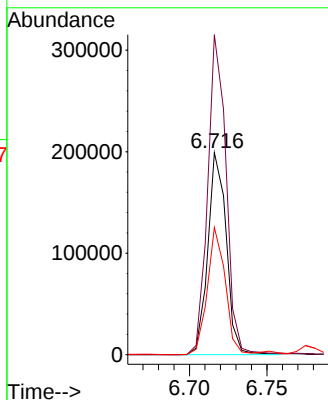
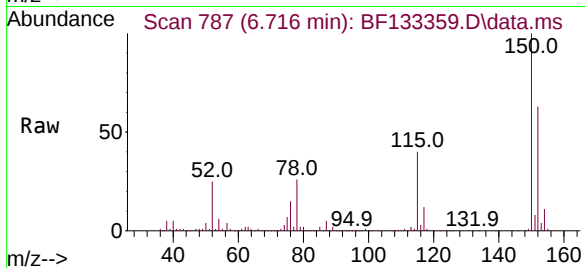




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133359.D
Acq: 11 May 2023 17:36

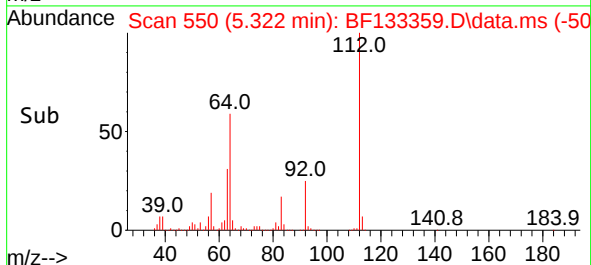
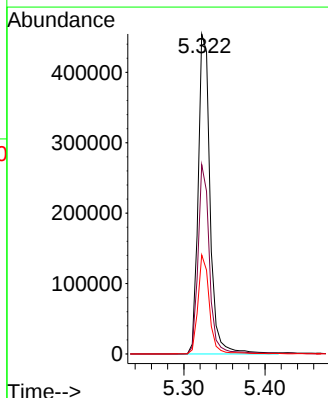
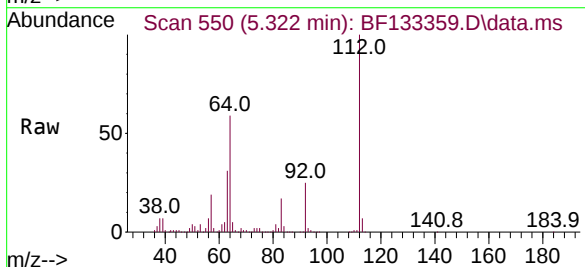
Instrument :
BNA_F
ClientSampleId :
14-051023

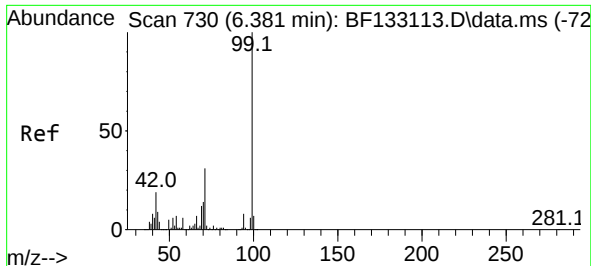
Tgt Ion:152 Resp: 165196
Ion Ratio Lower Upper
152 100
150 158.3 124.8 187.2
115 62.9 49.9 74.9



#5
2-Fluorophenol
Concen: 42.463 ng
RT: 5.322 min Scan# 550
Delta R.T. -0.006 min
Lab File: BF133359.D
Acq: 11 May 2023 17:36

Tgt Ion:112 Resp: 464364
Ion Ratio Lower Upper
112 100
64 59.2 46.8 70.2
63 30.9 23.8 35.8





#7

Phenol-d6

Concen: 27.339 ng

RT: 6.357 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF133359.D

Acq: 11 May 2023 17:36

Instrument :

BNA_F

ClientSampleId :

14-051023

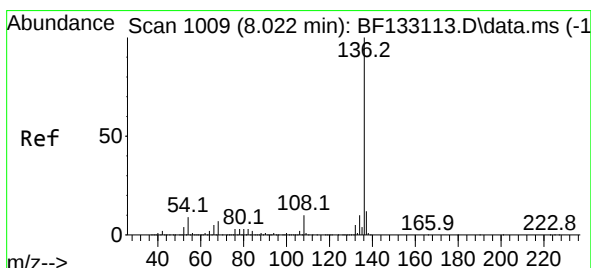
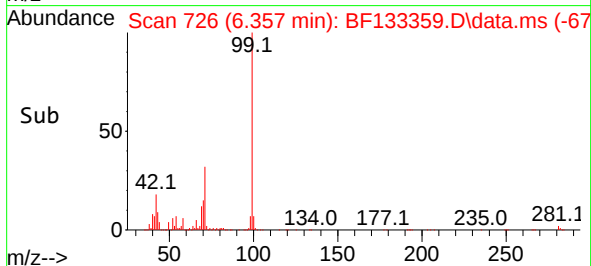
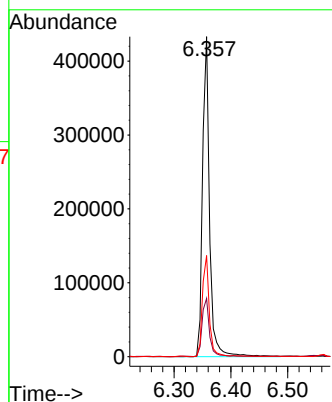
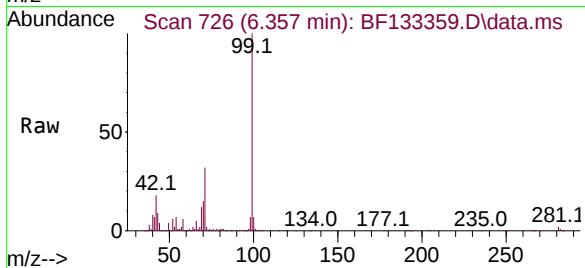
Tgt Ion: 99 Resp: 371081

Ion Ratio Lower Upper

99 100

42 18.2 16.3 24.5

71 31.6 25.6 38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF133359.D

Acq: 11 May 2023 17:36

Tgt Ion: 136 Resp: 667030

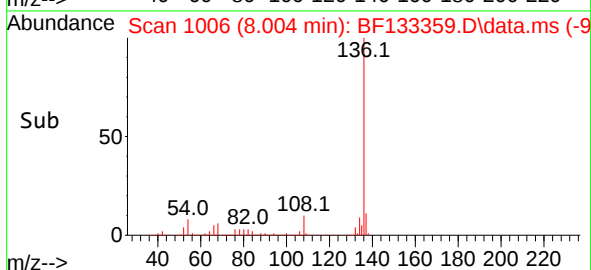
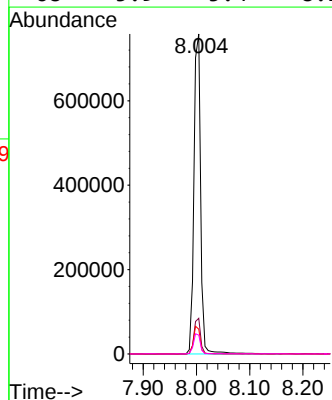
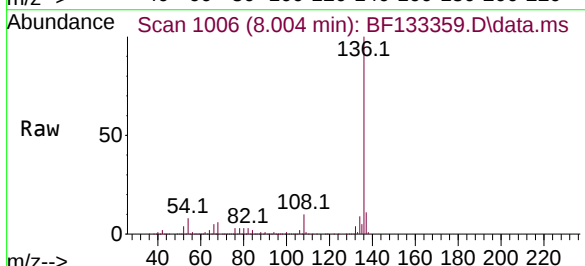
Ion Ratio Lower Upper

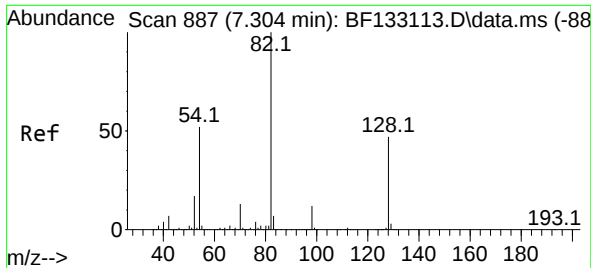
136 100

137 11.1 8.6 13.0

54 7.8 7.0 10.4

68 5.9 5.4 8.2

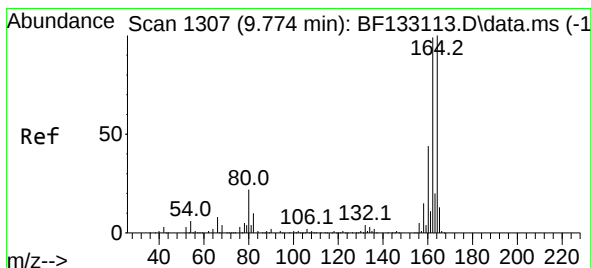
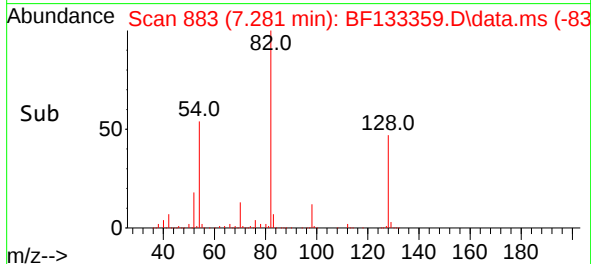
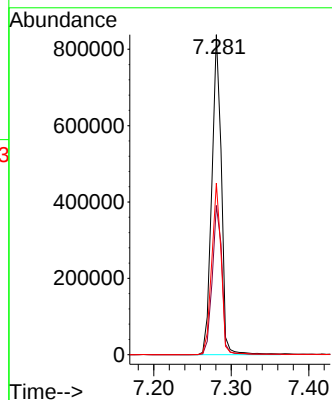
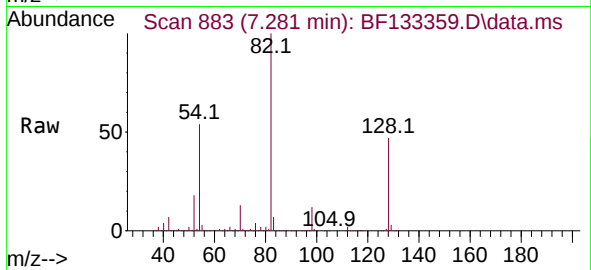




#23
Nitrobenzene-d5
Concen: 57.868 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF133359.D
Acq: 11 May 2023 17:36

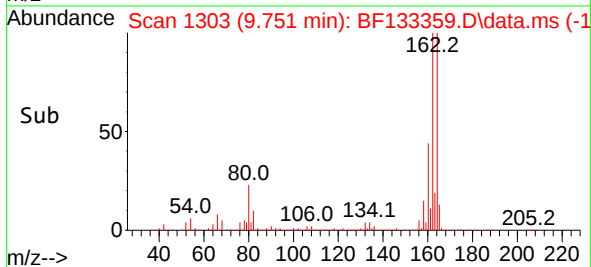
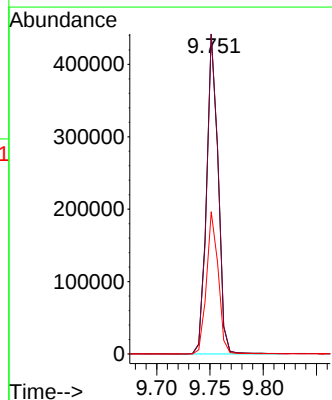
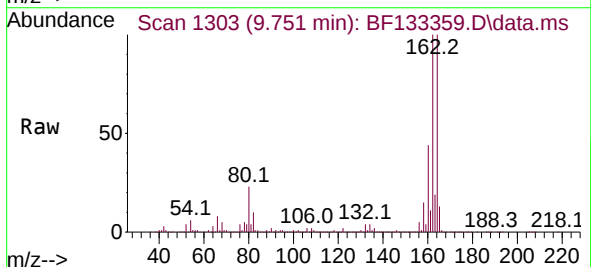
Instrument :
BNA_F
ClientSampleId :
14-051023

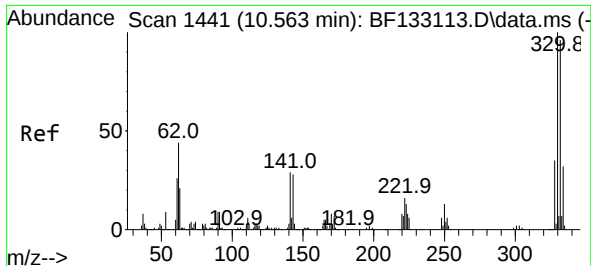
Tgt Ion: 82 Resp: 715112
Ion Ratio Lower Upper
82 100
128 46.6 37.7 56.5
54 53.6 43.0 64.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF133359.D
Acq: 11 May 2023 17:36

Tgt Ion: 164 Resp: 333877
Ion Ratio Lower Upper
164 100
162 99.9 78.7 118.1
160 44.5 35.8 53.6

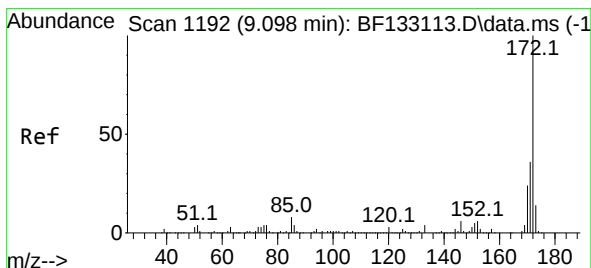
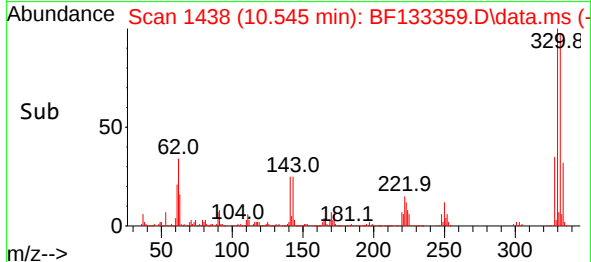
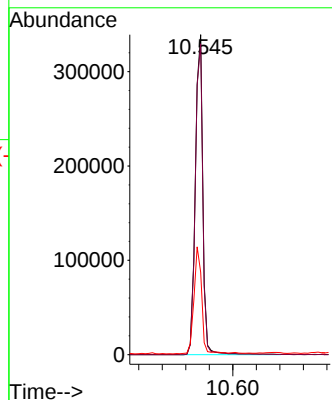
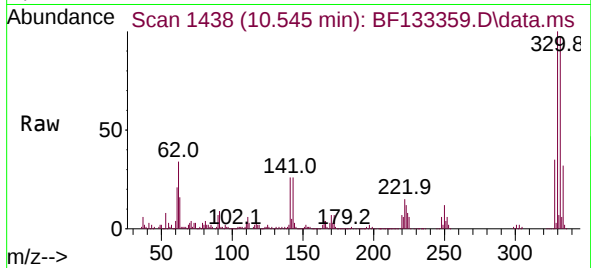




#42
2,4,6-Tribromophenol
Concen: 88.924 ng
RT: 10.545 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133359.D
Acq: 11 May 2023 17:36

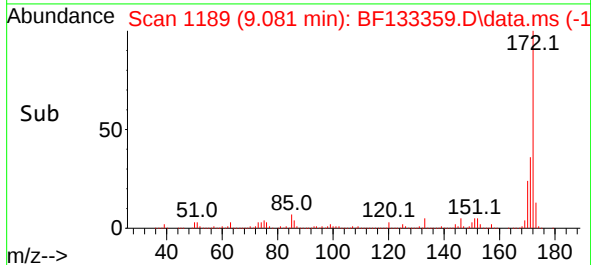
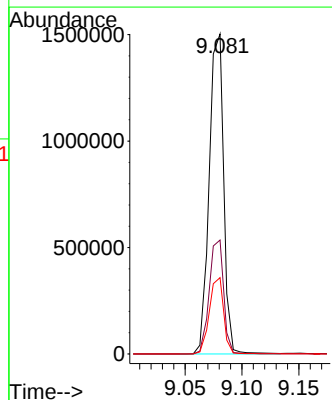
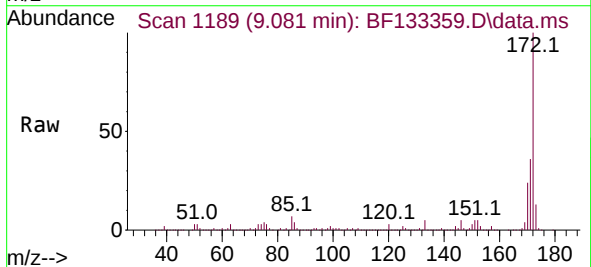
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ClientSampleId :
14-051023

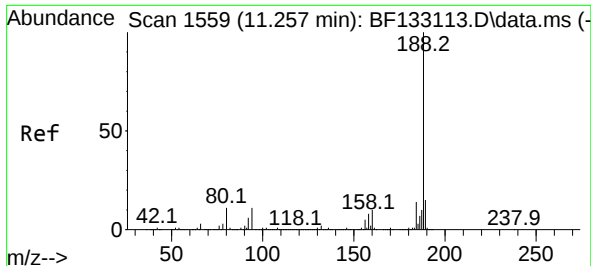
Tgt Ion:330 Resp: 298586
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 34.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 66.518 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133359.D
Acq: 11 May 2023 17:36

Tgt Ion:172 Resp: 1327482
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.8 19.4 29.2

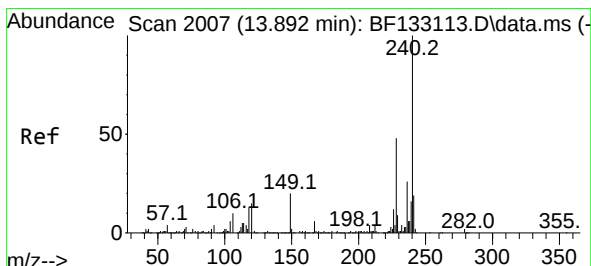
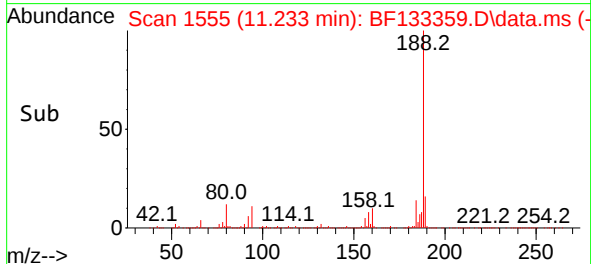
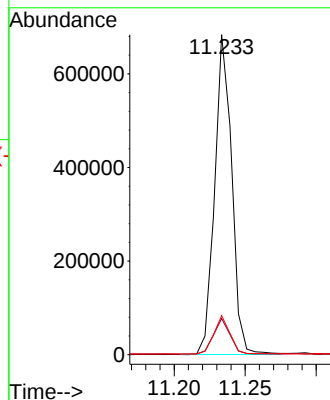
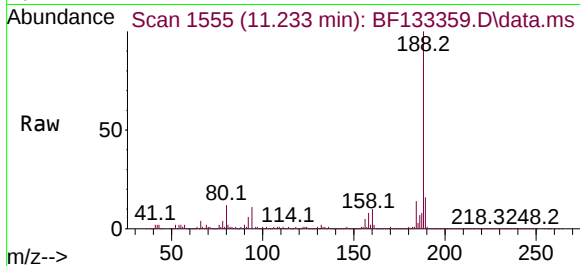




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133359.D
Acq: 11 May 2023 17:36

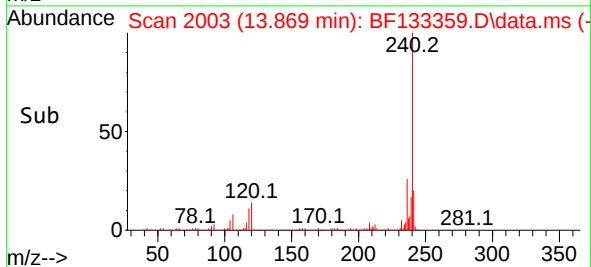
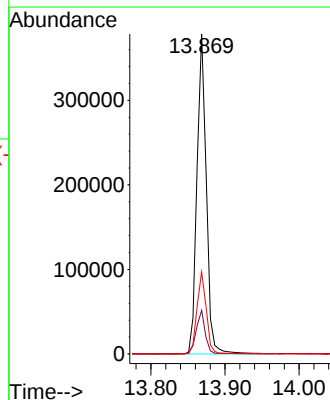
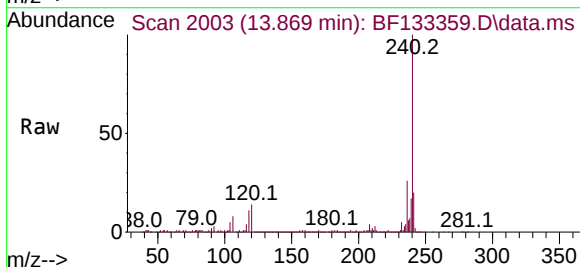
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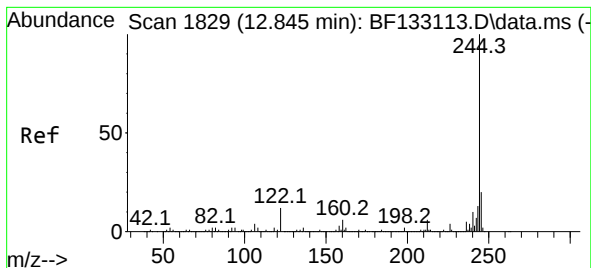
Tgt Ion:188 Resp: 571471
Ion Ratio Lower Upper
188 100
94 11.3 9.7 14.5
80 12.2 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.869 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF133359.D
Acq: 11 May 2023 17:36

Tgt Ion:240 Resp: 331885
Ion Ratio Lower Upper
240 100
120 13.6 10.5 15.7
236 25.6 21.5 32.3





#79

Terphenyl-d14

Concen: 67.984 ng

RT: 12.822 min Scan# 1825

Delta R.T. -0.006 min

Lab File: BF133359.D

Acq: 11 May 2023 17:36

Instrument :

BNA_F

ClientSampleId :

14-051023

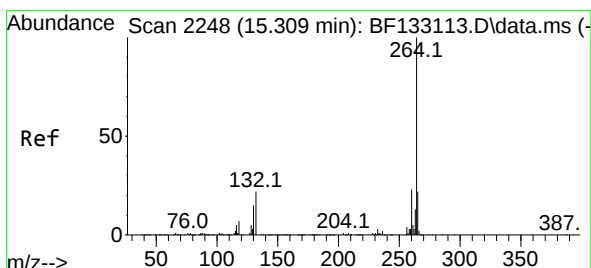
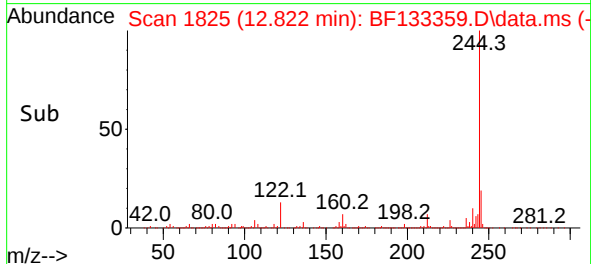
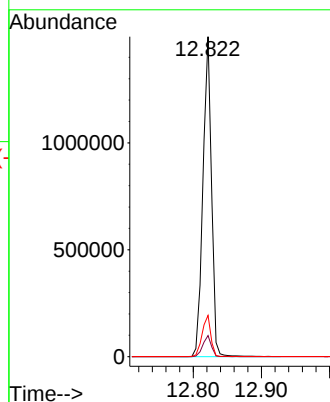
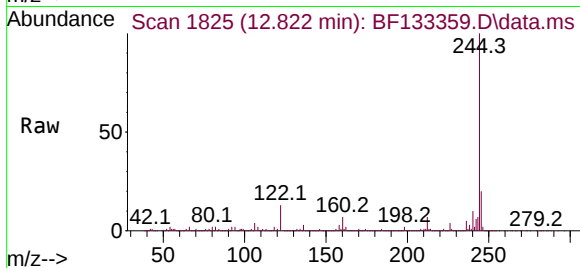
Tgt Ion:244 Resp: 1308245

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 12.9 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.286 min Scan# 2244

Delta R.T. -0.006 min

Lab File: BF133359.D

Acq: 11 May 2023 17:36

Tgt Ion:264 Resp: 408278

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.2 17.0 25.4

