

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133333.D
 Acq On : 10 May 2023 16:28
 Operator : CG\JU
 Sample : 02719-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01_5-7_20230509

Quant Time: May 10 17:56:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	173066	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	701027	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	356995	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	594169	20.000	ng	# 0.00
76) Chrysene-d12	13.874	240	305314	20.000	ng	0.00
86) Perylene-d12	15.292	264	397027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1220942	106.570	ng	0.01
7) Phenol-d6	6.369	99	1459162	102.612	ng	0.00
23) Nitrobenzene-d5	7.287	82	914883	70.443	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	216387	60.270	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1585079	74.282	ng	0.00
79) Terphenyl-d14	12.827	244	1382198	78.078	ng	0.00

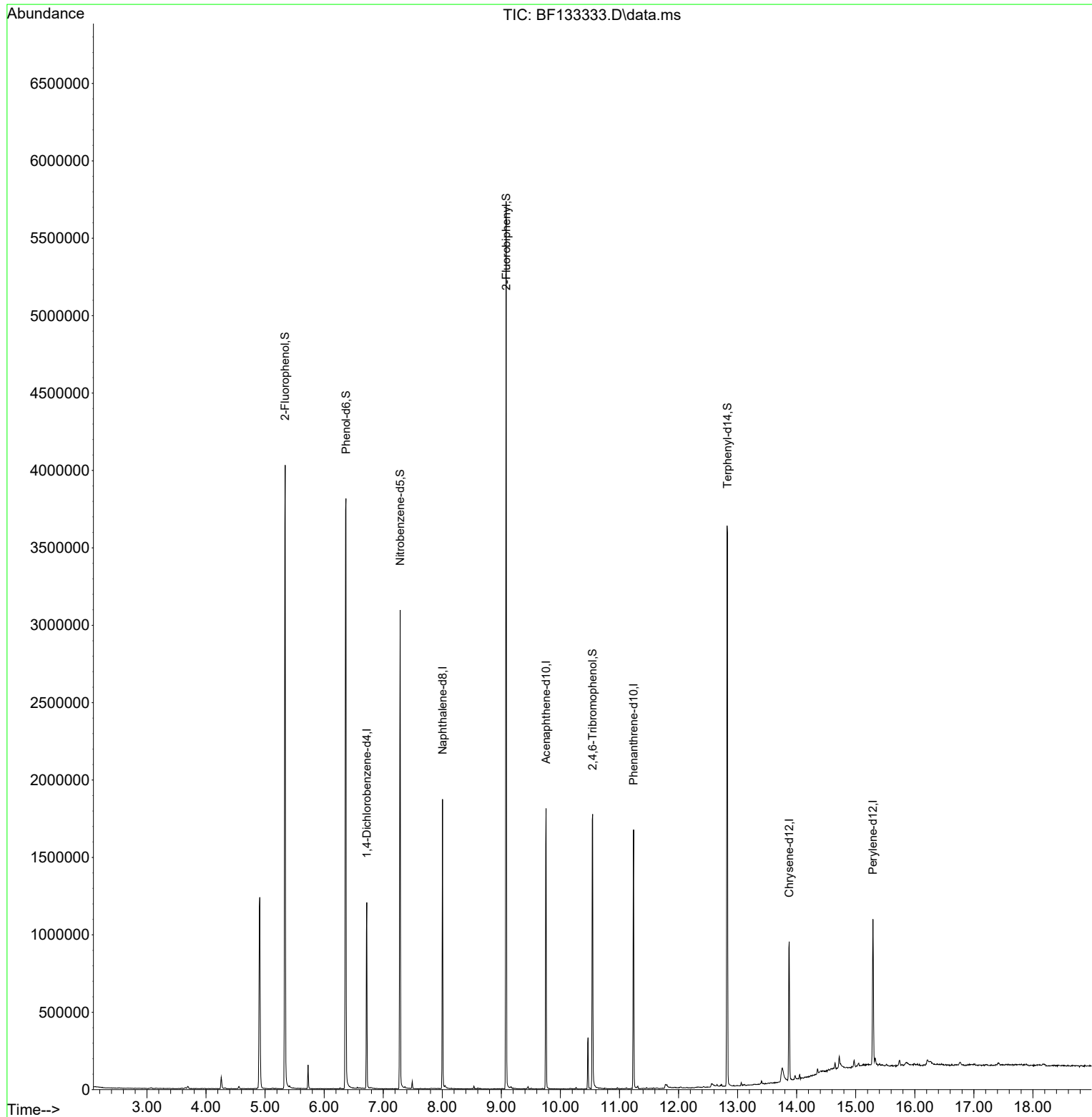
Target Compounds	Qvalue

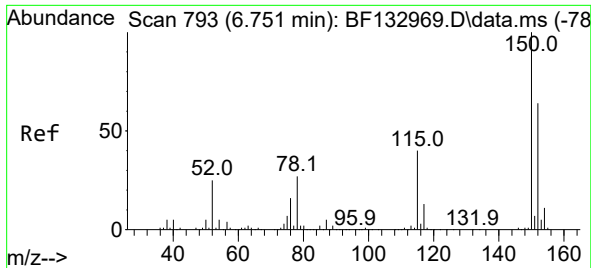
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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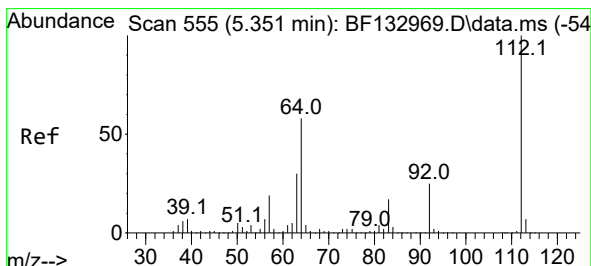
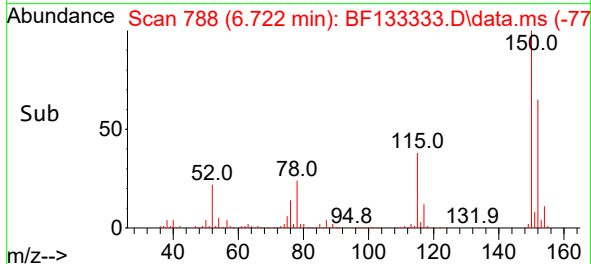
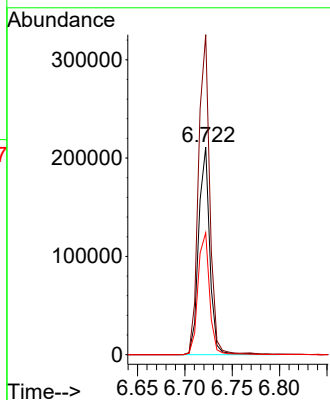
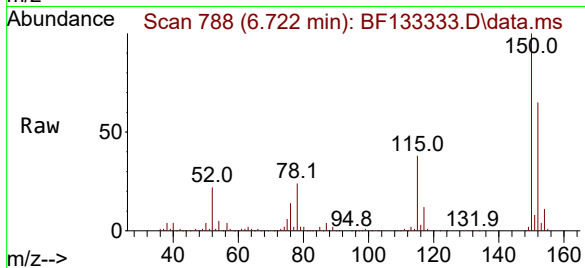




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133333.D
Acq: 10 May 2023 16:28

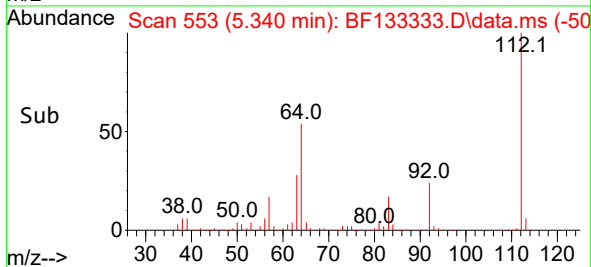
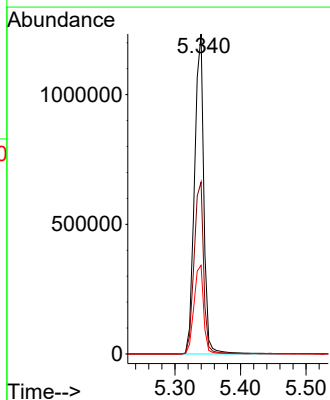
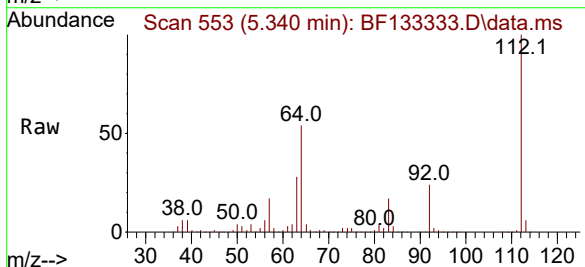
Instrument :
BNA_F
ClientSampleId :
SB-01_5-7_20230509

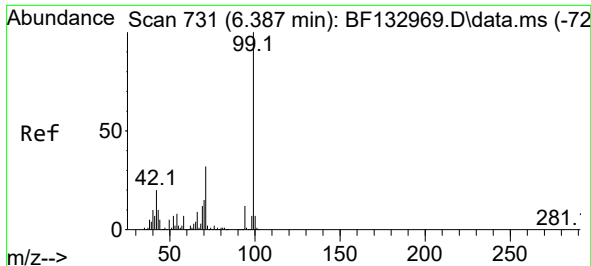
Tgt Ion:152 Resp: 173066
Ion Ratio Lower Upper
152 100
150 154.2 124.8 187.2
115 58.7 49.9 74.9



#5
2-Fluorophenol
Concen: 106.570 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF133333.D
Acq: 10 May 2023 16:28

Tgt Ion:112 Resp: 1220942
Ion Ratio Lower Upper
112 100
64 53.7 46.8 70.2
63 27.7 23.8 35.8

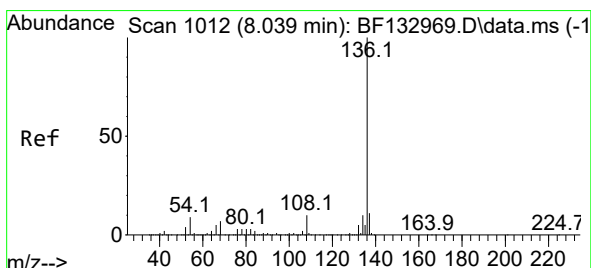
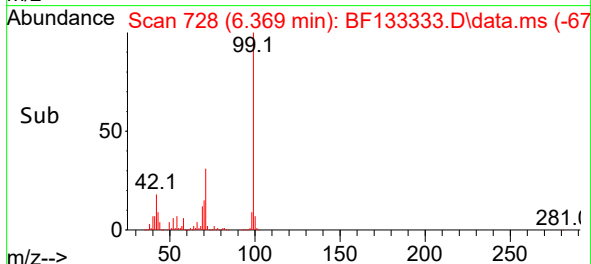
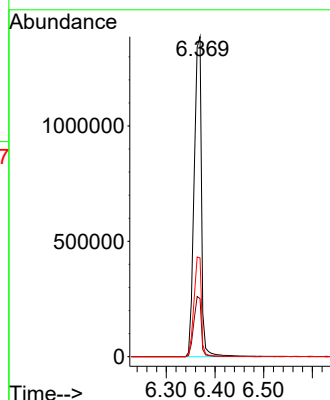
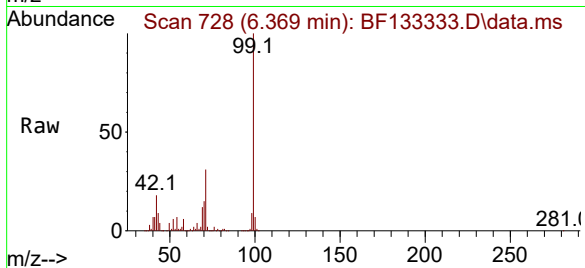




#7
Phenol-d6
Concen: 102.612 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133333.D
Acq: 10 May 2023 16:28

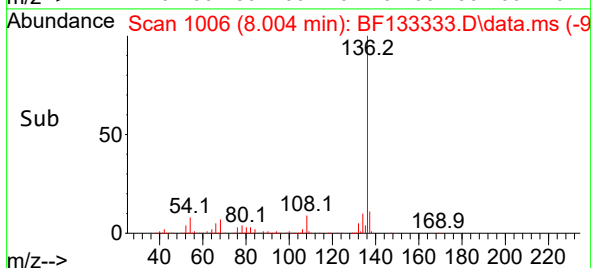
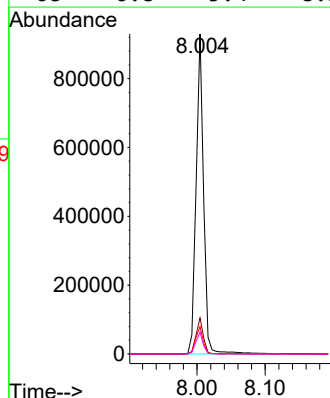
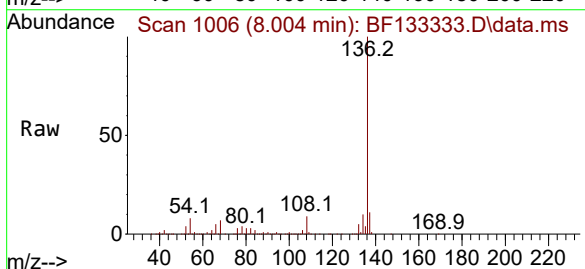
Instrument :
BNA_F
ClientSampleId :
SB-01_5-7_20230509

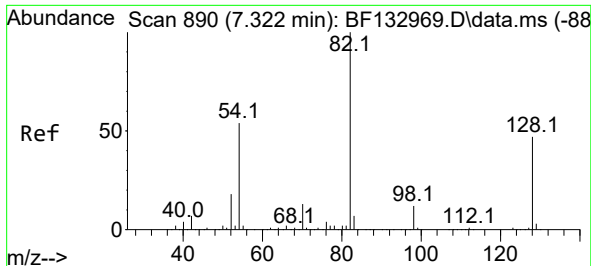
Tgt Ion: 99 Resp: 1459162
Ion Ratio Lower Upper
99 100
42 18.2 16.3 24.5
71 30.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133333.D
Acq: 10 May 2023 16:28

Tgt Ion: 136 Resp: 701027
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.5 7.0 10.4
68 6.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 70.443 ng

RT: 7.287 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133333.D

Acq: 10 May 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SB-01_5-7_20230509

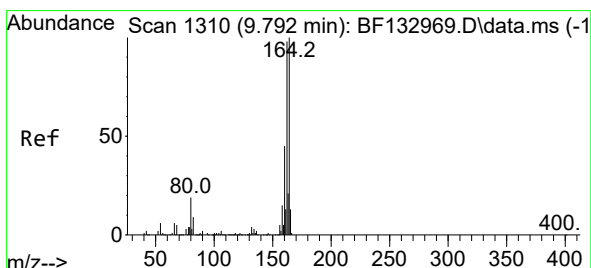
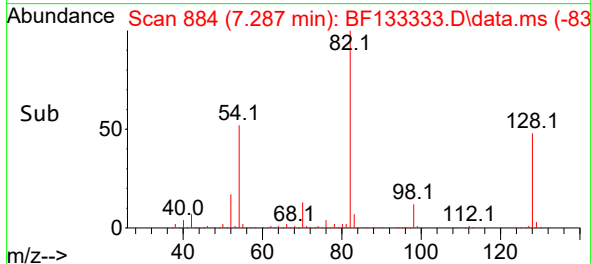
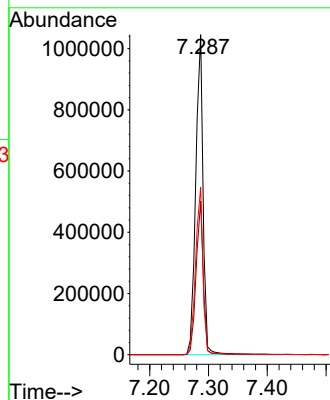
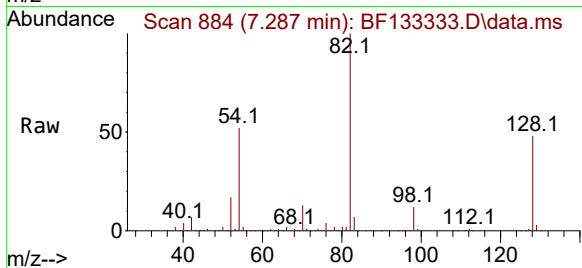
Tgt Ion: 82 Resp: 914883

Ion Ratio Lower Upper

82 100

128 48.0 37.7 56.5

54 52.3 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: BF133333.D

Acq: 10 May 2023 16:28

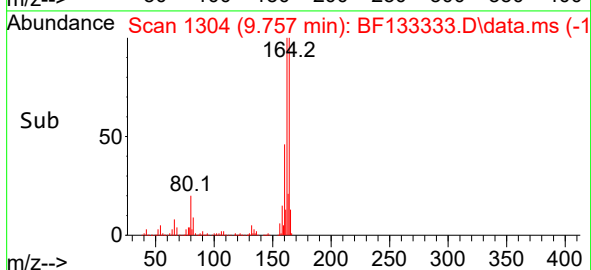
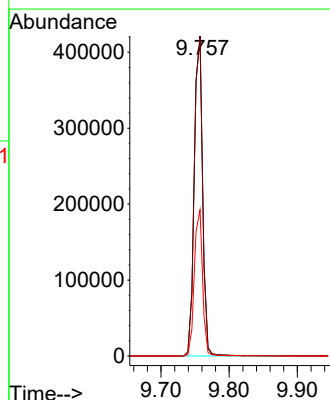
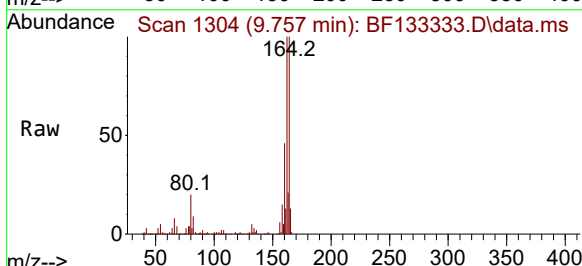
Tgt Ion:164 Resp: 356995

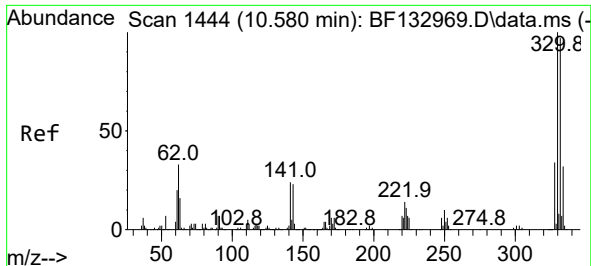
Ion Ratio Lower Upper

164 100

162 99.7 78.7 118.1

160 45.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 60.270 ng

RT: 10.545 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133333.D

Acq: 10 May 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SB-01_5-7_20230509

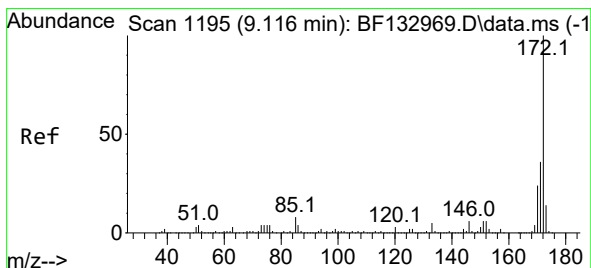
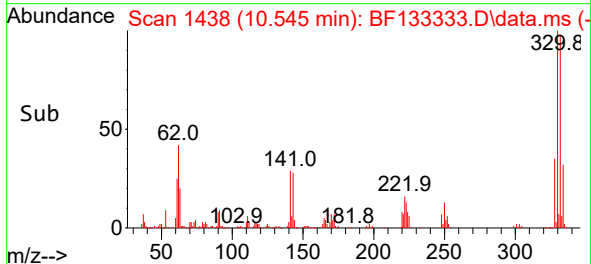
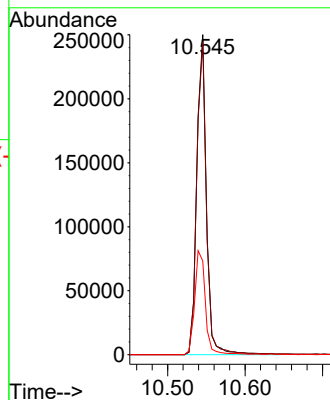
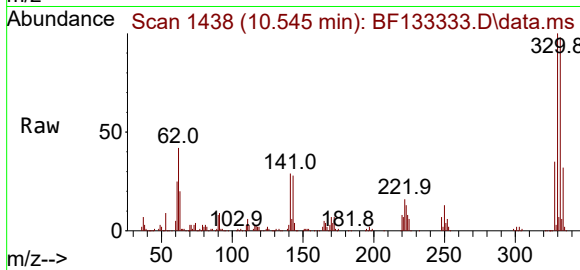
Tgt Ion:330 Resp: 216387

Ion Ratio Lower Upper

330 100

332 98.9 77.1 115.7

141 36.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 74.282 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF133333.D

Acq: 10 May 2023 16:28

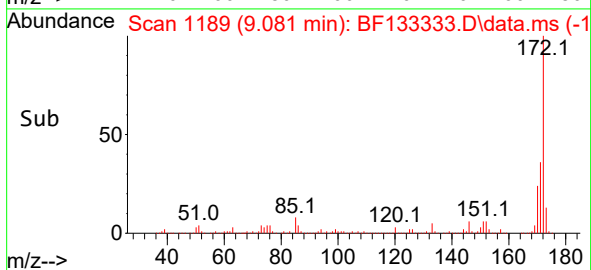
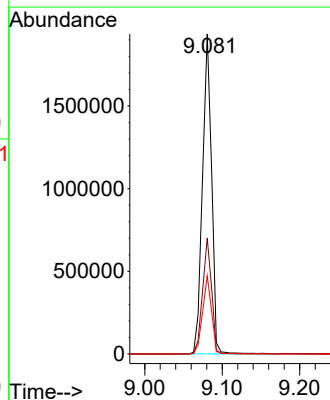
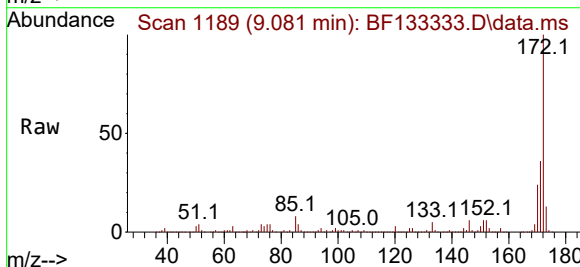
Tgt Ion:172 Resp: 1585079

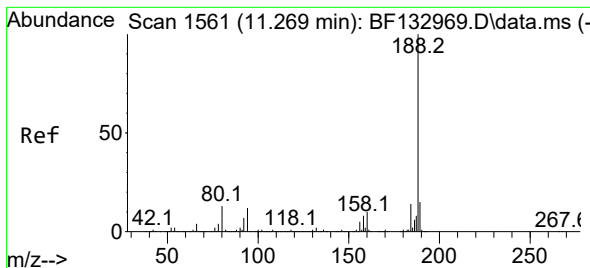
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.4 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133333.D

Acq: 10 May 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SB-01_5-7_20230509

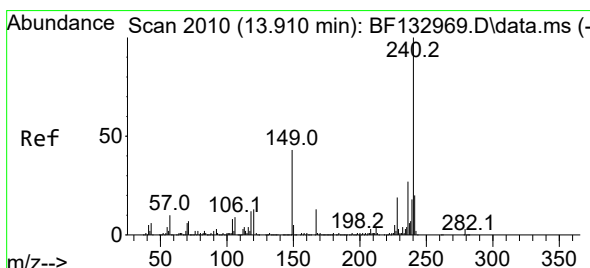
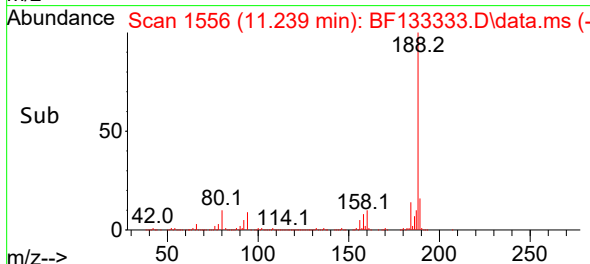
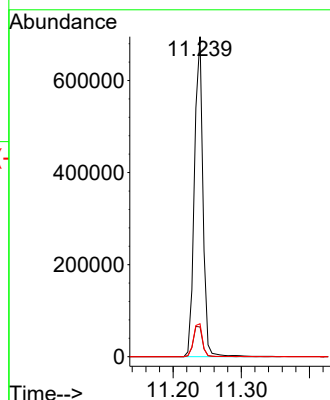
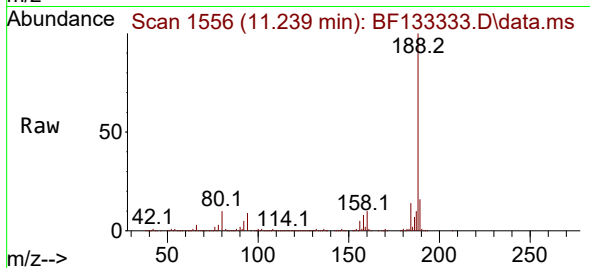
Tgt Ion:188 Resp: 594169

Ion Ratio Lower Upper

188 100

94 9.3 9.7 14.5#

80 10.3 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: BF133333.D

Acq: 10 May 2023 16:28

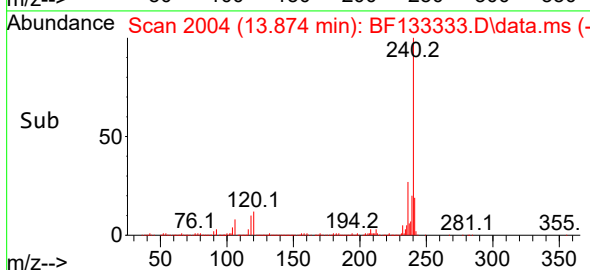
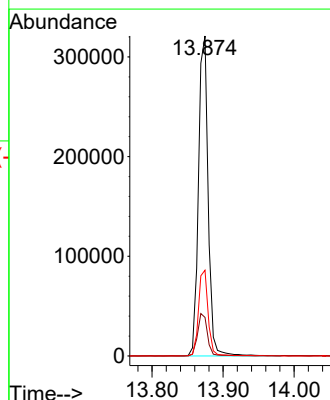
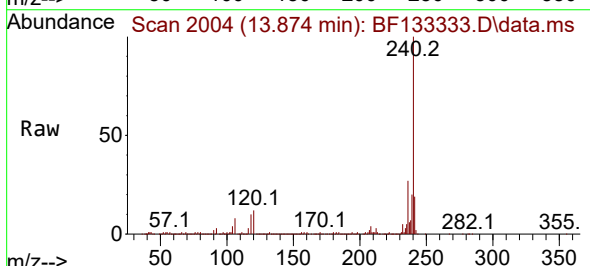
Tgt Ion:240 Resp: 305314

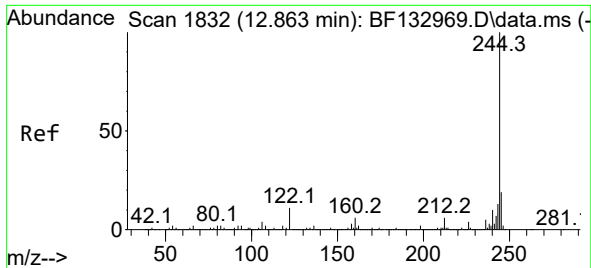
Ion Ratio Lower Upper

240 100

120 12.1 10.5 15.7

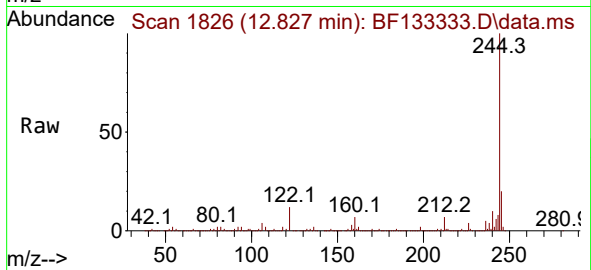
236 26.8 21.5 32.3



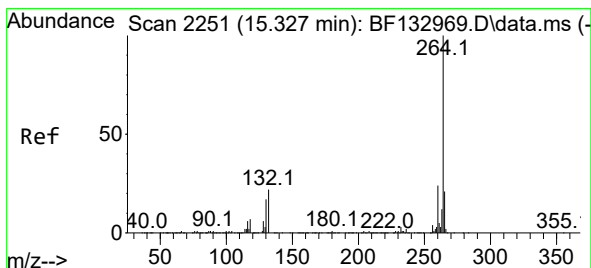
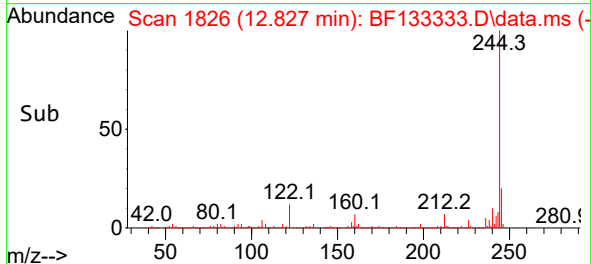
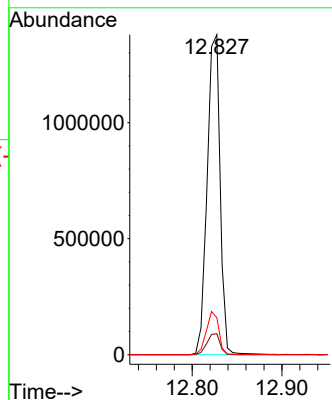


#79
 Terphenyl-d14
 Concen: 78.078 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133333.D
 Acq: 10 May 2023 16:28

Instrument :
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Tgt Ion:244 Resp: 1382198
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.6 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: BF133333.D
 Acq: 10 May 2023 16:28

Tgt Ion:264 Resp: 397027
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 21.0 17.0 25.4

