

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133329.D
 Acq On : 10 May 2023 14:24
 Operator : CG\JU
 Sample : 02719-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04_10-12_20230509

Quant Time: May 10 15:50:04 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	206259	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	822910	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	431353	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	750084	20.000	ng	0.00
76) Chrysene-d12	13.874	240	429991	20.000	ng	0.00
86) Perylene-d12	15.298	264	490615	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1342038	98.289	ng	0.02
7) Phenol-d6	6.369	99	1629125	96.128	ng	0.00
23) Nitrobenzene-d5	7.286	82	1002363	65.748	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	254890	58.756	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1686244	65.401	ng	0.00
79) Terphenyl-d14	12.833	244	1690603	67.809	ng	0.00

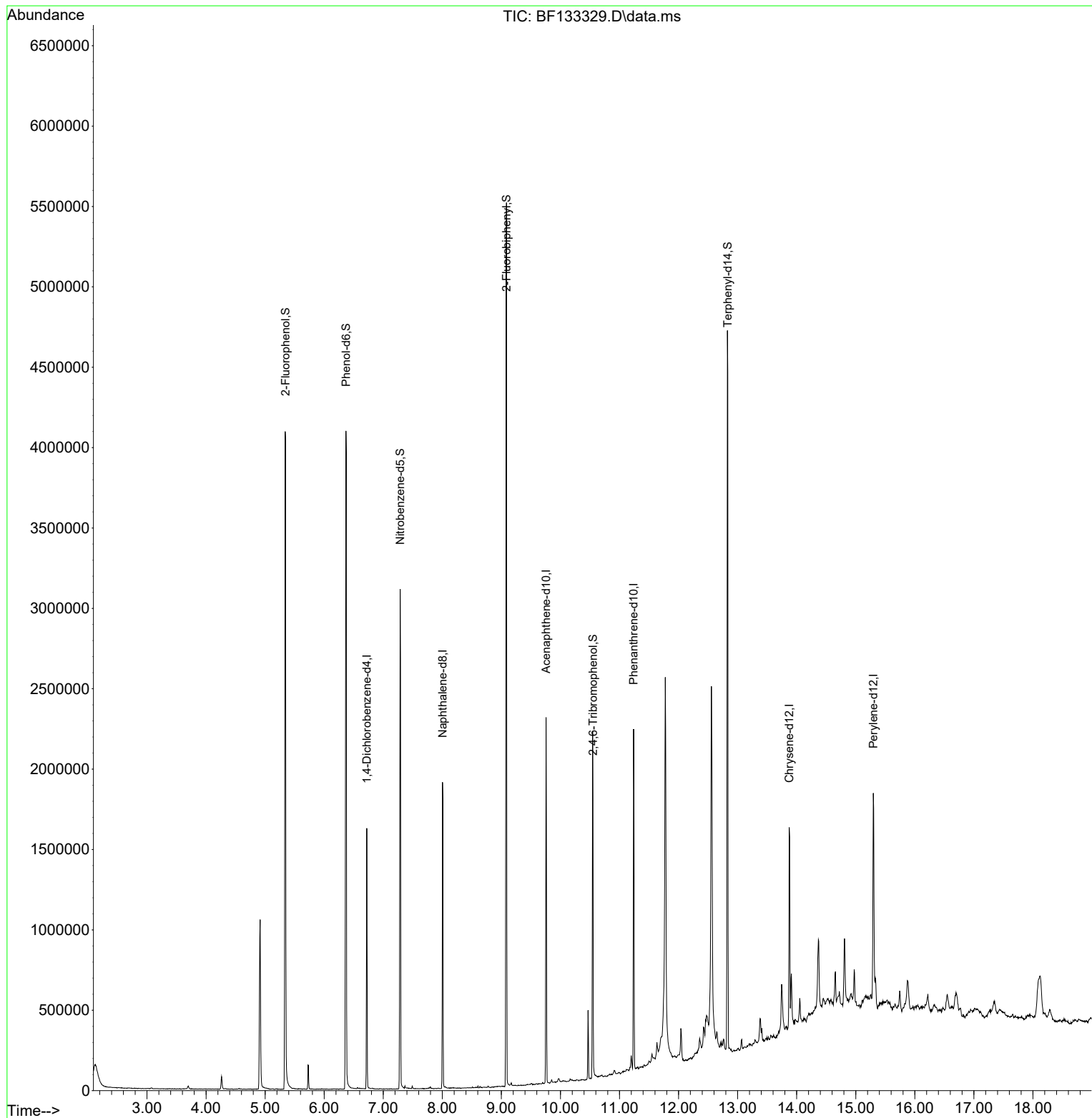
Target Compounds	Qvalue

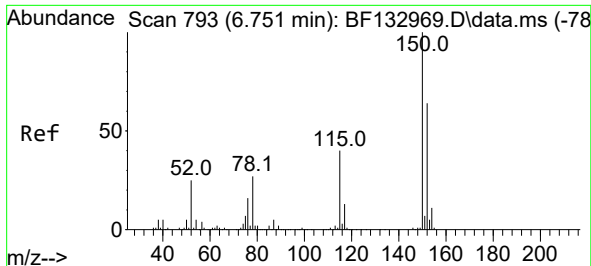
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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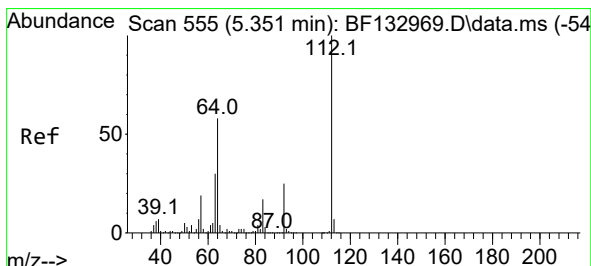
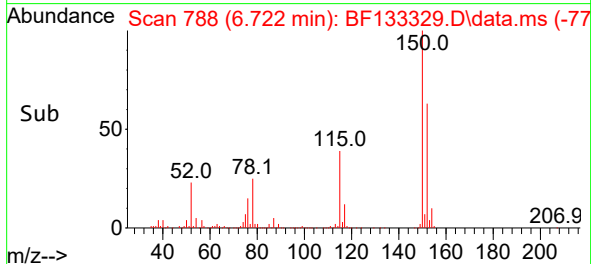
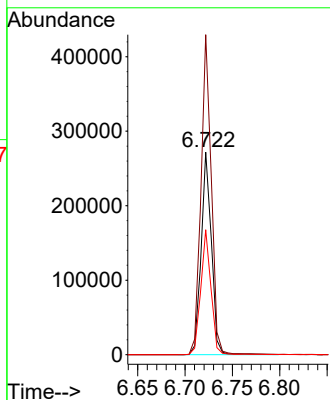
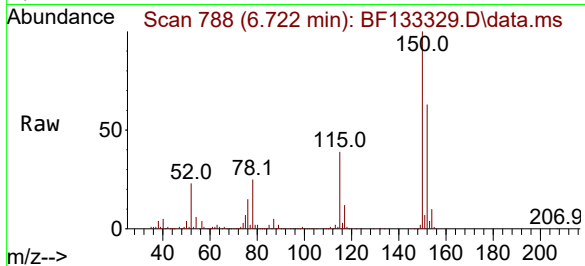




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133329.D
 Acq: 10 May 2023 14:24

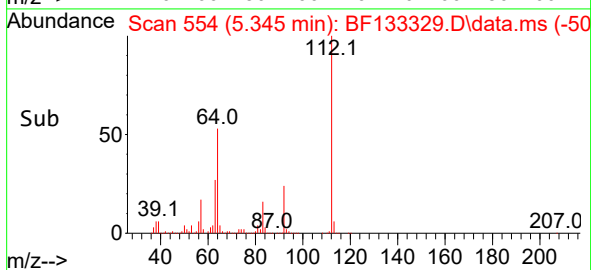
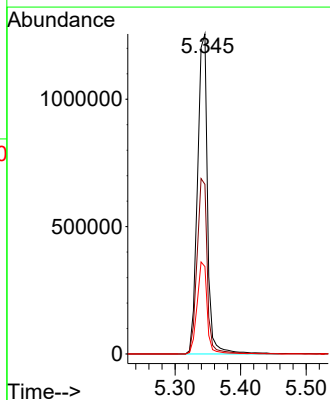
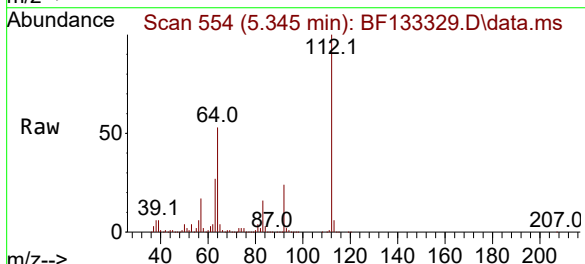
Instrument :
 BNA_F
 ClientSampleId :
 SB-04_10-12_20230509

Tgt Ion:152 Resp: 206259
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.8 187.2
 115 61.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 98.289 ng
 RT: 5.345 min Scan# 554
 Delta R.T. 0.018 min
 Lab File: BF133329.D
 Acq: 10 May 2023 14:24

Tgt Ion:112 Resp: 1342038
 Ion Ratio Lower Upper
 112 100
 64 53.0 46.8 70.2
 63 27.3 23.8 35.8

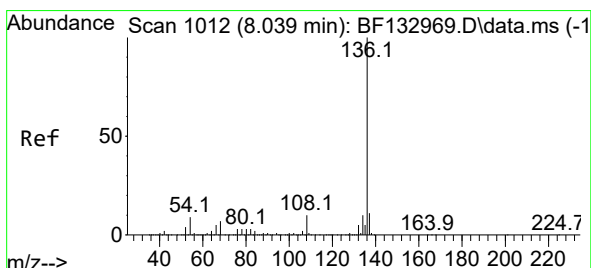
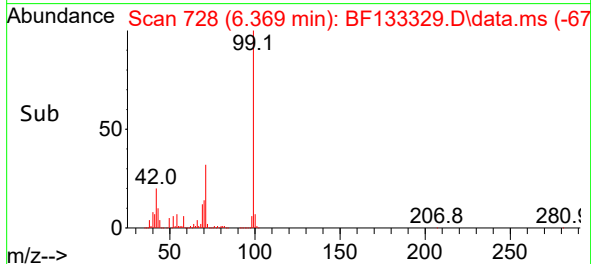
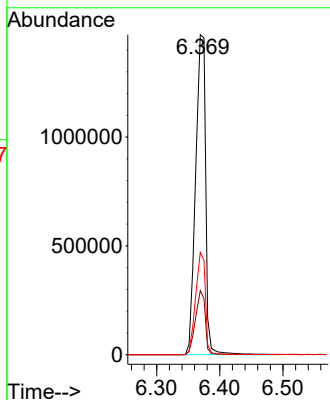
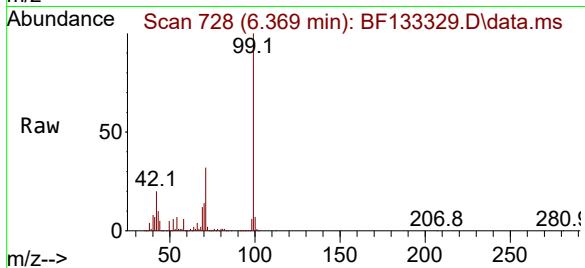




#7
Phenol-d6
Concen: 96.128 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133329.D
Acq: 10 May 2023 14:24

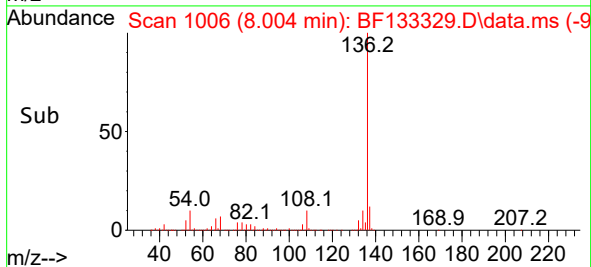
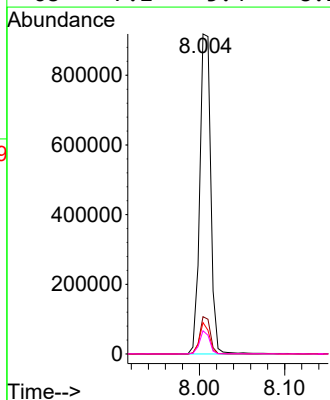
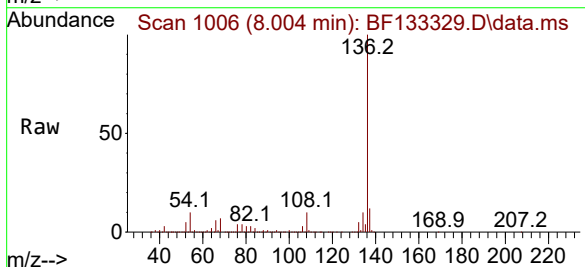
Instrument :
BNA_F
ClientSampleId :
SB-04_10-12_20230509

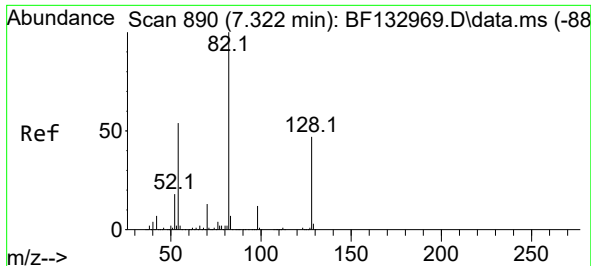
Tgt Ion: 99 Resp: 1629125
Ion Ratio Lower Upper
99 100
42 20.0 16.3 24.5
71 31.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133329.D
Acq: 10 May 2023 14:24

Tgt Ion: 136 Resp: 822910
Ion Ratio Lower Upper
136 100
137 11.7 8.6 13.0
54 9.8 7.0 10.4
68 7.2 5.4 8.2

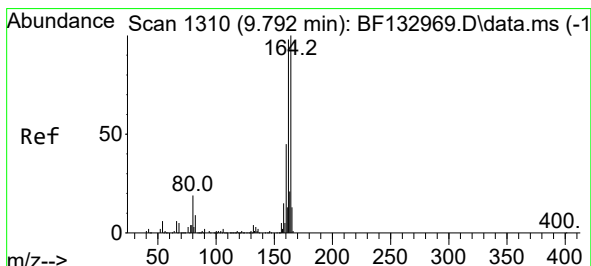
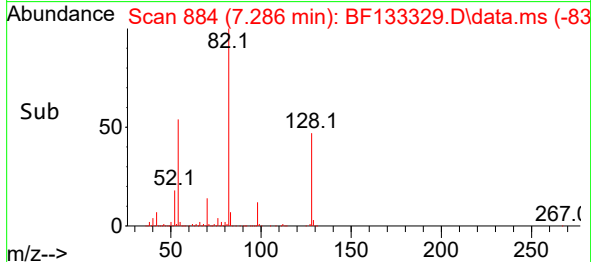
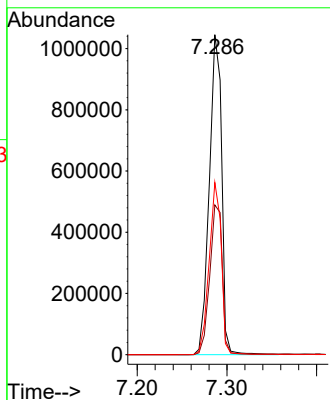
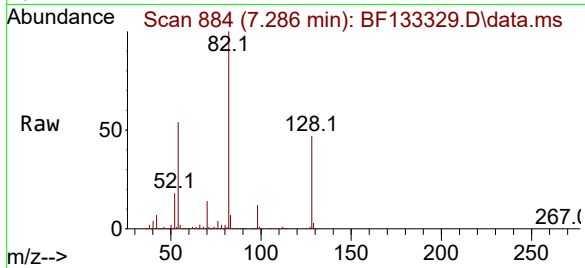




#23
Nitrobenzene-d5
Concen: 65.748 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133329.D
Acq: 10 May 2023 14:24

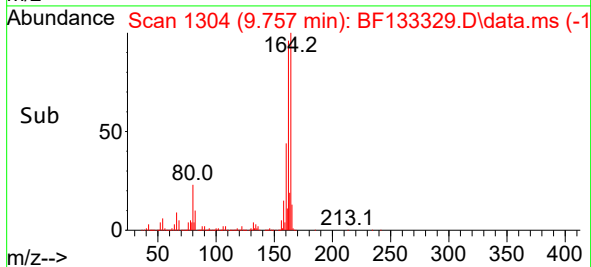
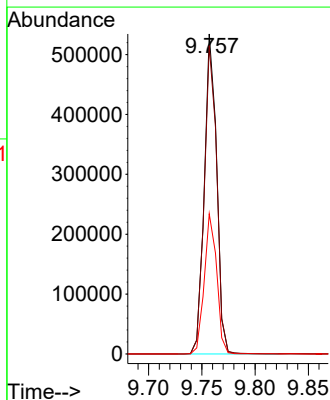
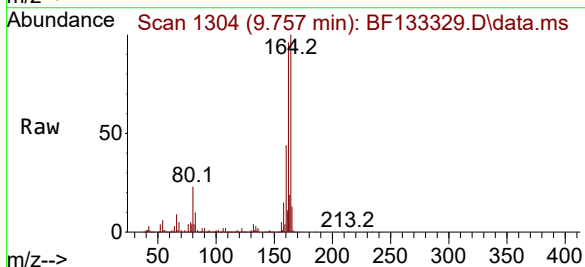
Instrument :
BNA_F
ClientSampleId :
SB-04_10-12_20230509

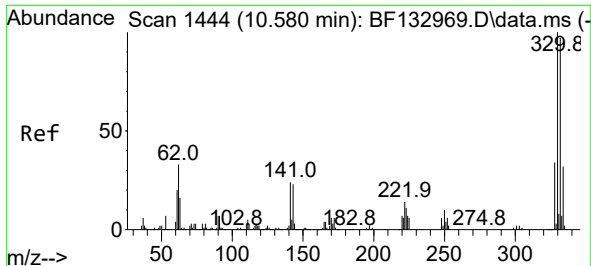
Tgt Ion: 82 Resp: 1002363
Ion Ratio Lower Upper
82 100
128 46.8 37.7 56.5
54 53.8 43.0 64.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133329.D
Acq: 10 May 2023 14:24

Tgt Ion:164 Resp: 431353
Ion Ratio Lower Upper
164 100
162 96.3 78.7 118.1
160 43.8 35.8 53.6

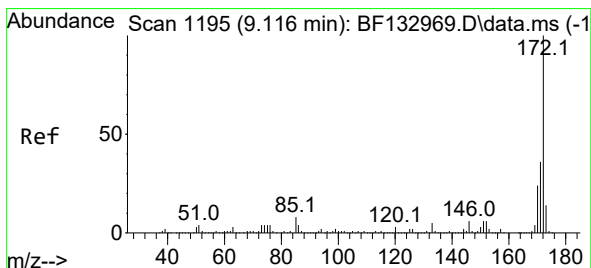
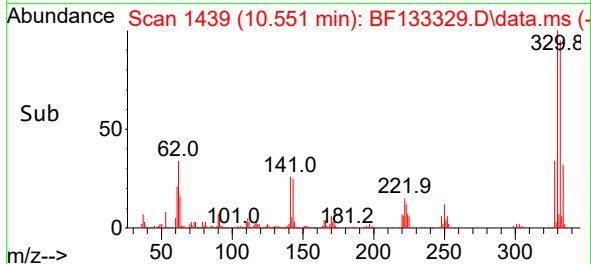
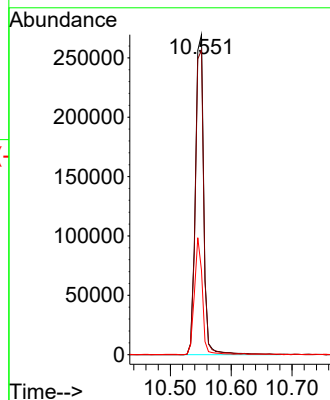
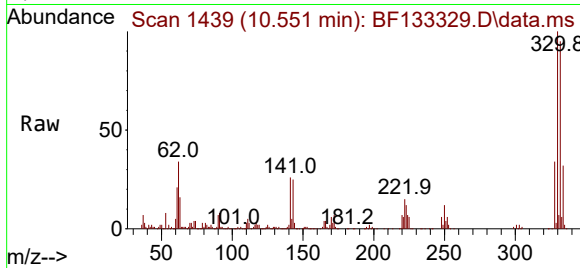




#42
2,4,6-Tribromophenol
Concen: 58.756 ng
RT: 10.551 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF133329.D
Acq: 10 May 2023 14:24

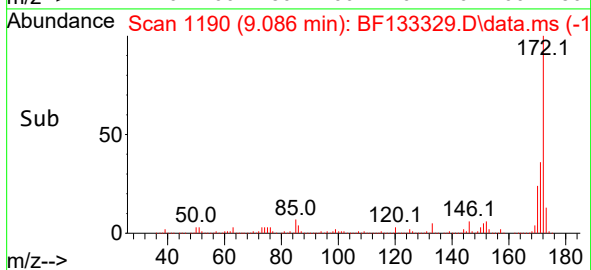
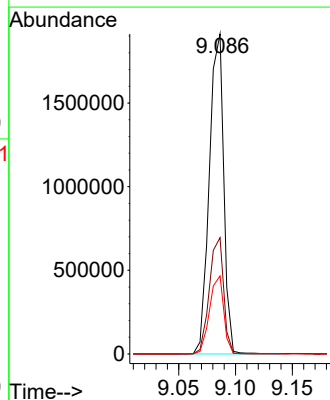
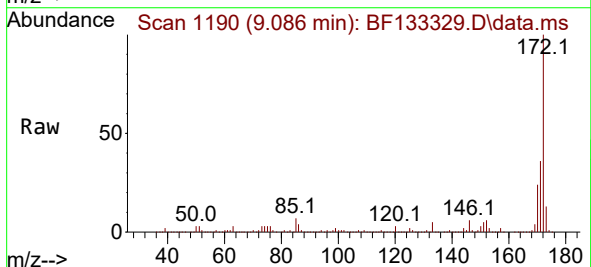
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ClientSampleId :
SB-04_10-12_20230509

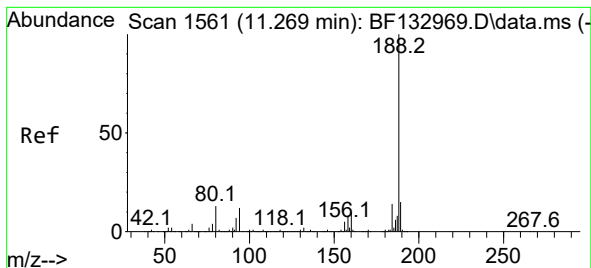
Tgt Ion:330 Resp: 254890
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 34.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 65.401 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF133329.D
Acq: 10 May 2023 14:24

Tgt Ion:172 Resp: 1686244
Ion Ratio Lower Upper
172 100
171 36.3 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: BF133329.D

Acq: 10 May 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SB-04_10-12_20230509

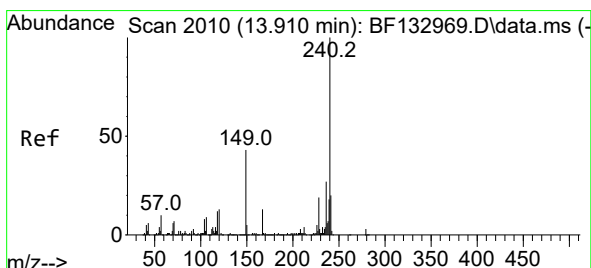
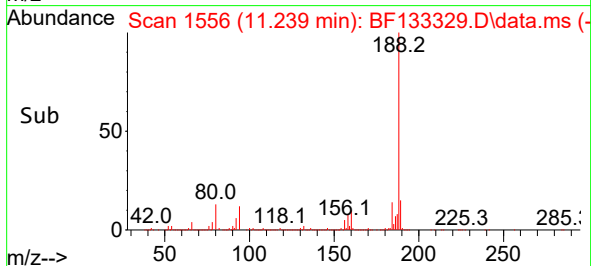
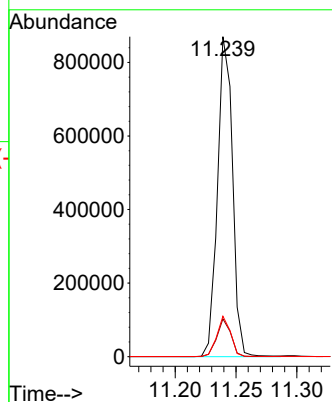
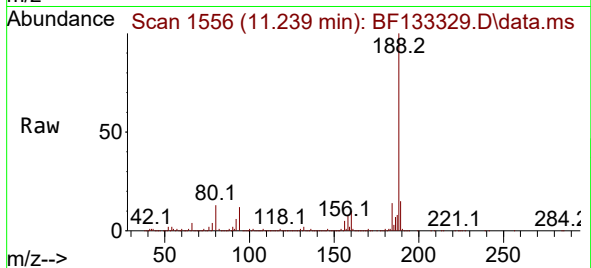
Tgt Ion:188 Resp: 750084

Ion Ratio Lower Upper

188 100

94 11.8 9.7 14.5

80 12.6 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: BF133329.D

Acq: 10 May 2023 14:24

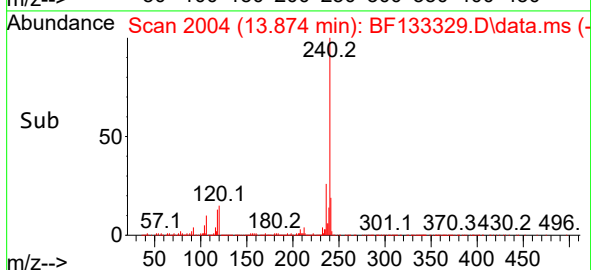
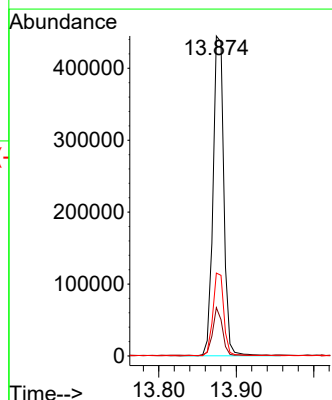
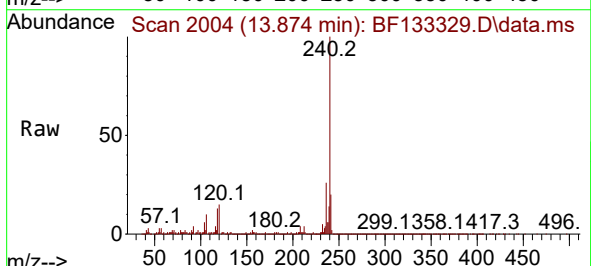
Tgt Ion:240 Resp: 429991

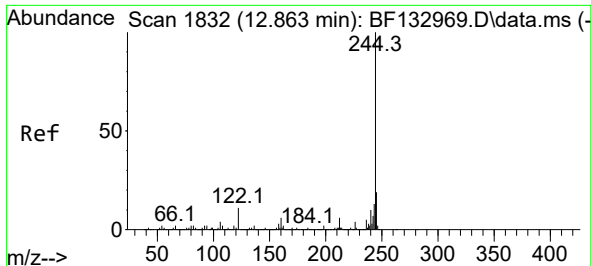
Ion Ratio Lower Upper

240 100

120 15.1 10.5 15.7

236 25.9 21.5 32.3

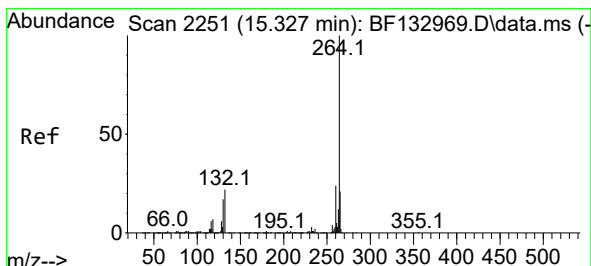
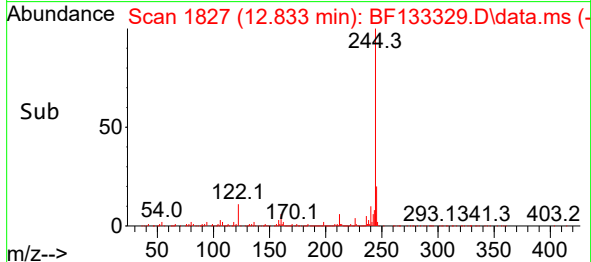
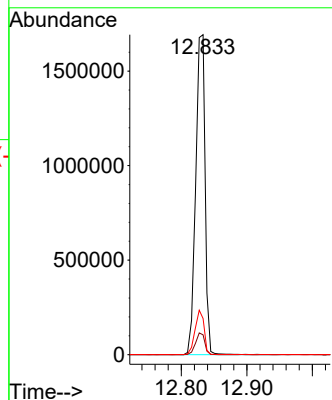
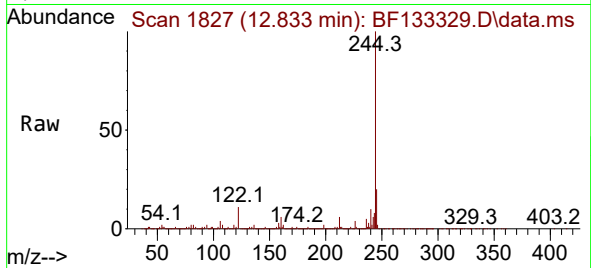




#79
 Terphenyl-d14
 Concen: 67.809 ng
 RT: 12.833 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133329.D
 Acq: 10 May 2023 14:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-04_10-12_20230509

Tgt Ion:244 Resp: 1690603
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.1 7.7
 122 11.3 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: BF133329.D
 Acq: 10 May 2023 14:24

Tgt Ion:264 Resp: 490615
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 22.3 17.0 25.4

