

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133334.D
 Acq On : 10 May 2023 16:59
 Operator : CG\JU
 Sample : 02719-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-X01 10-12 20230509

Quant Time: May 10 17:57:08 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	208378	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	848403	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	433128	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	716108	20.000	ng	# 0.00
76) Chrysene-d12	13.874	240	355273	20.000	ng	0.00
86) Perylene-d12	15.292	264	474469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1089080	78.951	ng	0.00
7) Phenol-d6	6.363	99	1324300	77.347	ng	0.00
23) Nitrobenzene-d5	7.287	82	795022	50.581	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	194197	44.582	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1421310	54.899	ng	0.00
79) Terphenyl-d14	12.822	244	1177733	57.173	ng	-0.01

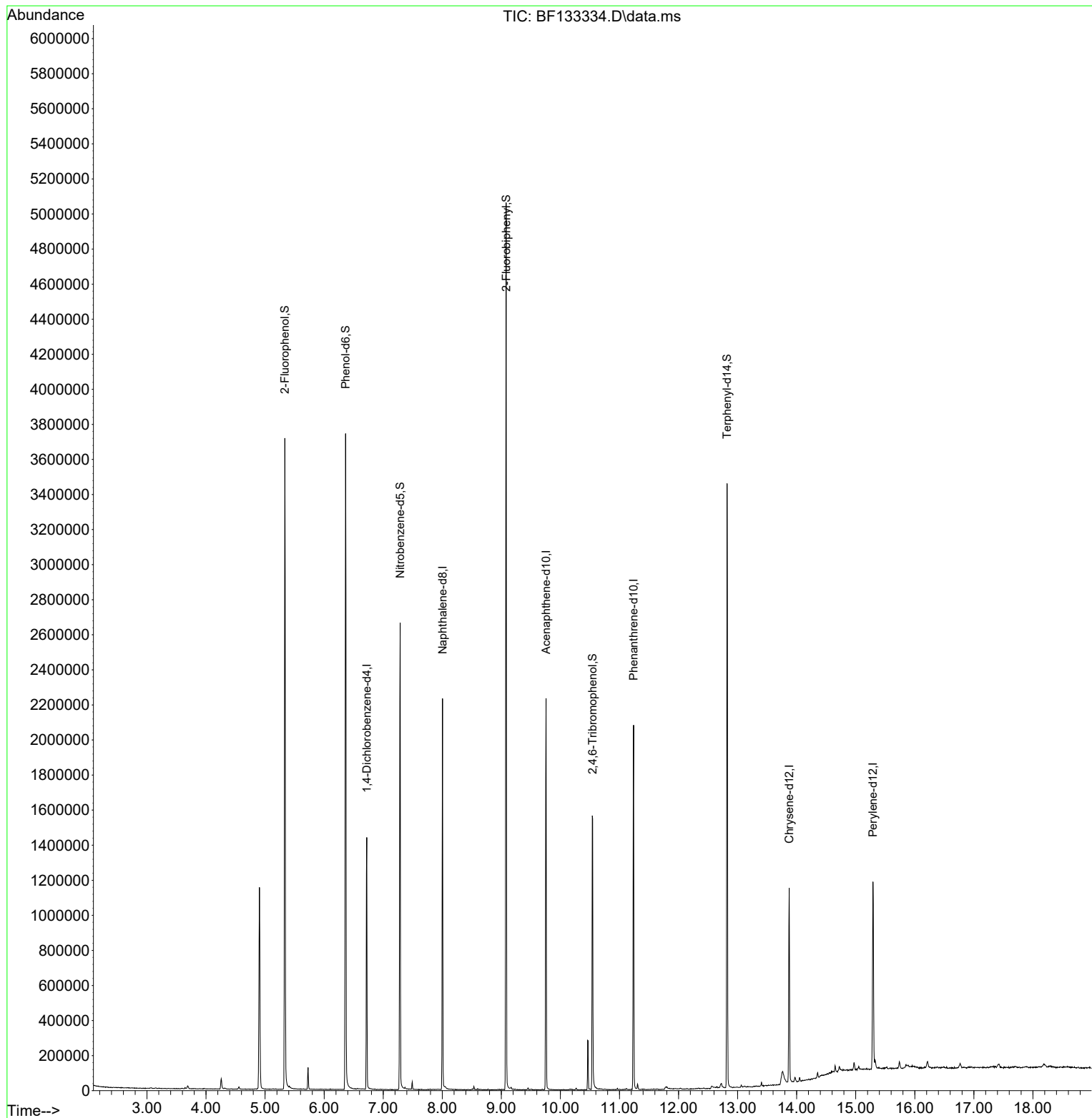
Target Compounds	Qvalue

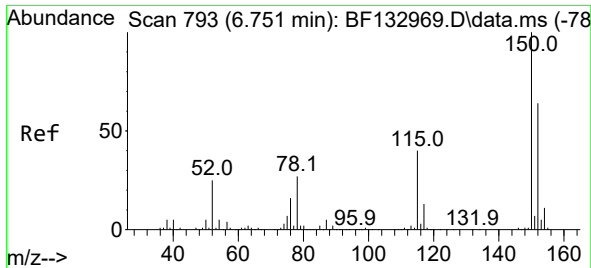
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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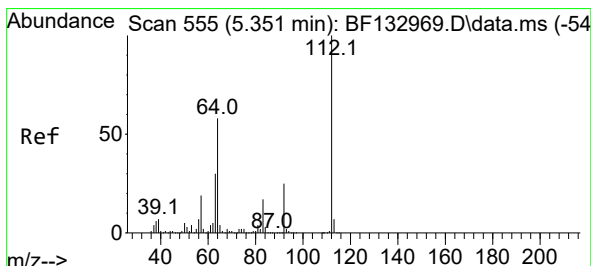
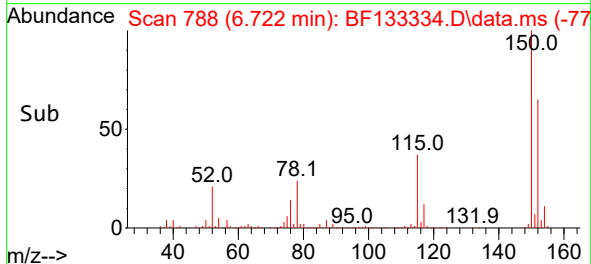
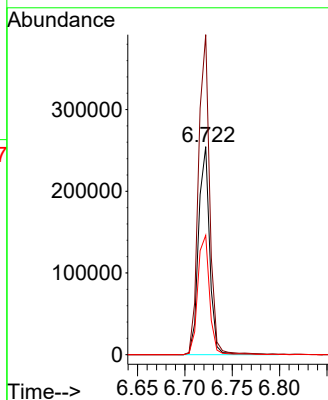
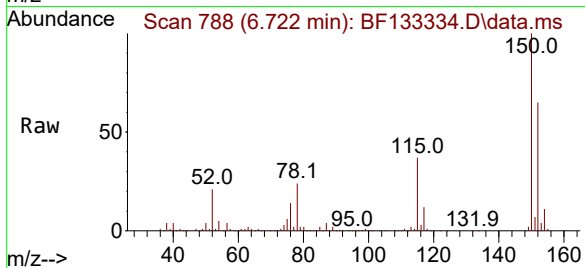




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133334.D
Acq: 10 May 2023 16:59

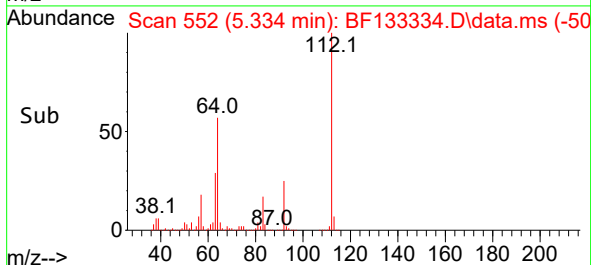
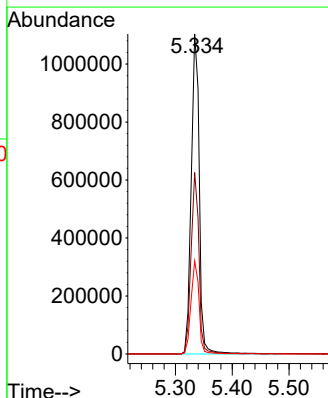
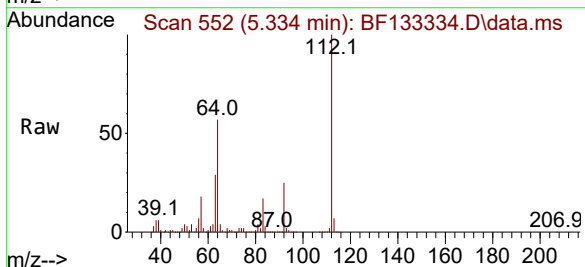
Instrument :
BNA_F
ClientSampleId :
SB-X01_10-12_20230509

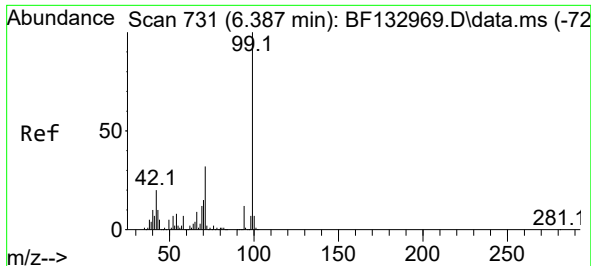
Tgt Ion:152 Resp: 208378
Ion Ratio Lower Upper
152 100
150 153.8 124.8 187.2
115 57.4 49.9 74.9



#5
2-Fluorophenol
Concen: 78.951 ng
RT: 5.334 min Scan# 552
Delta R.T. 0.006 min
Lab File: BF133334.D
Acq: 10 May 2023 16:59

Tgt Ion:112 Resp: 1089080
Ion Ratio Lower Upper
112 100
64 56.7 46.8 70.2
63 29.1 23.8 35.8

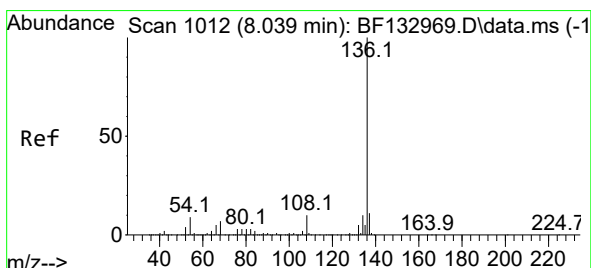
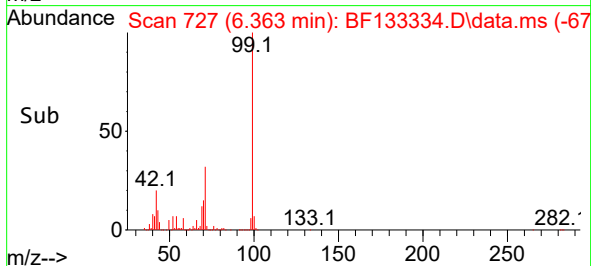
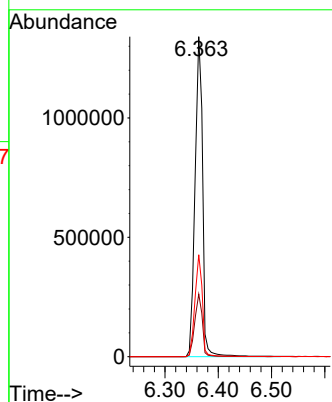
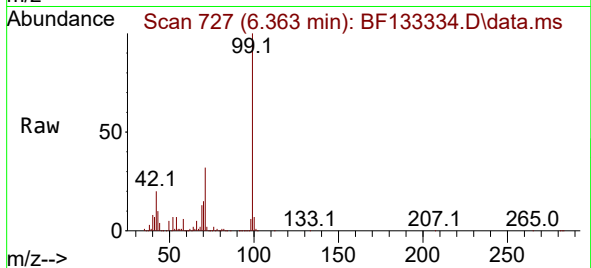




#7
Phenol-d6
Concen: 77.347 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133334.D
Acq: 10 May 2023 16:59

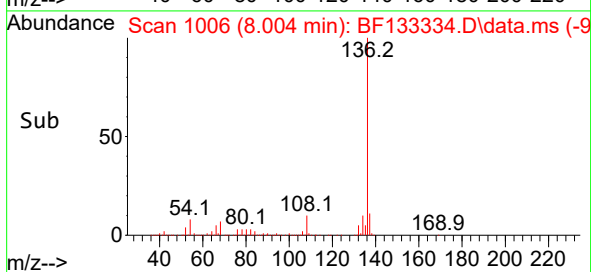
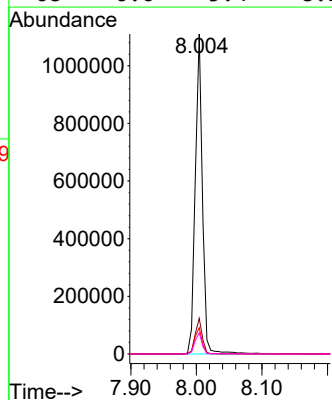
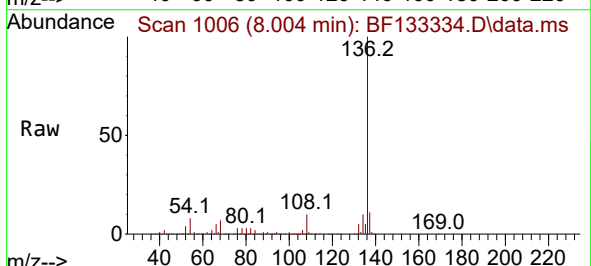
Instrument :
BNA_F
ClientSampleId :
SB-X01 10-12 20230509

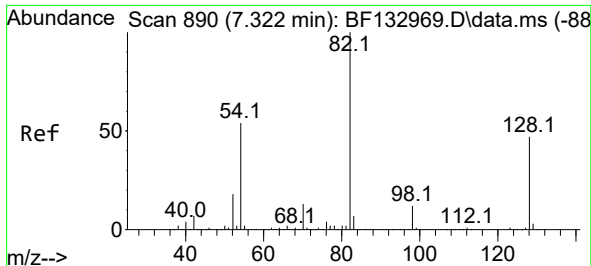
Tgt Ion: 99 Resp: 1324300
Ion Ratio Lower Upper
99 100
42 19.5 16.3 24.5
71 31.8 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133334.D
Acq: 10 May 2023 16:59

Tgt Ion: 136 Resp: 848403
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.2 7.0 10.4
68 6.6 5.4 8.2





#23

Nitrobenzene-d5

Concen: 50.581 ng

RT: 7.287 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133334.D

Acq: 10 May 2023 16:59

Instrument :

BNA_F

ClientSampleId :

SB-X01 10-12 20230509

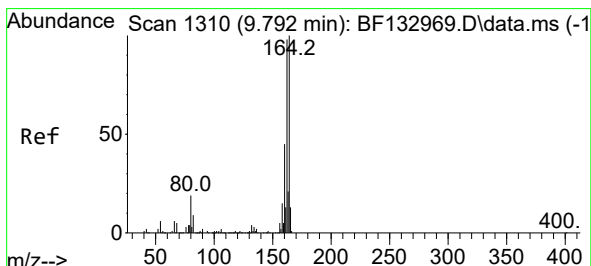
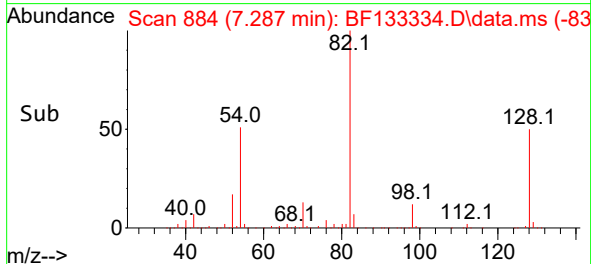
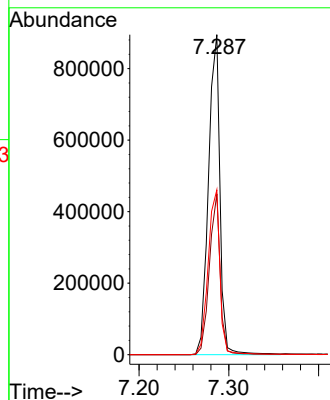
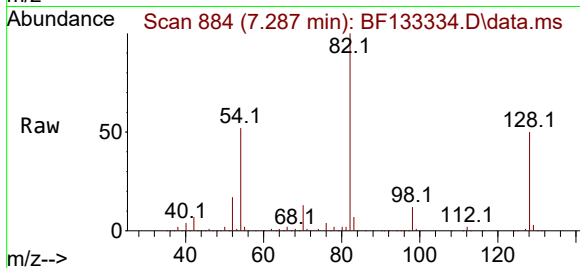
Tgt Ion: 82 Resp: 795022

Ion Ratio Lower Upper

82 100

128 50.2 37.7 56.5

54 51.5 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: BF133334.D

Acq: 10 May 2023 16:59

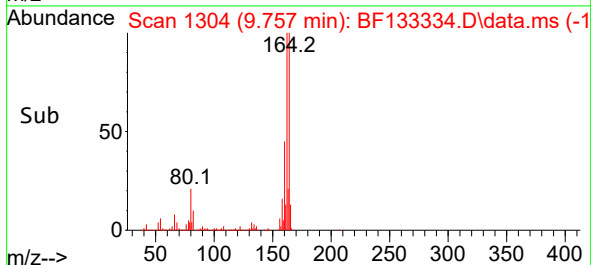
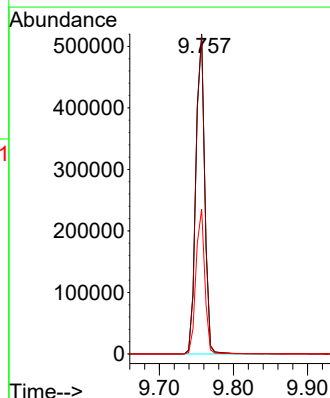
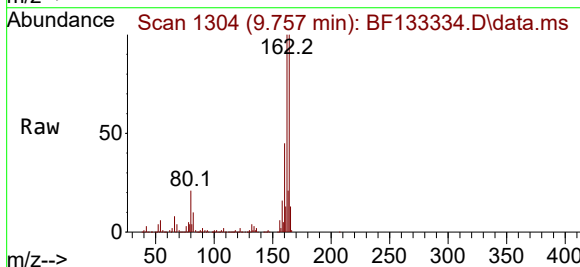
Tgt Ion:164 Resp: 433128

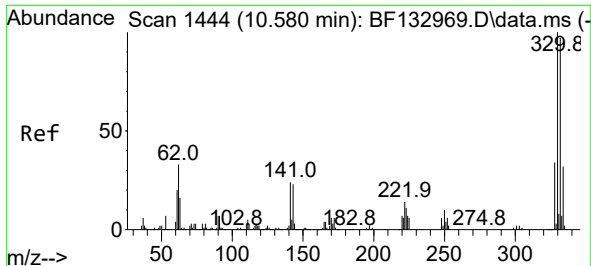
Ion Ratio Lower Upper

164 100

162 99.5 78.7 118.1

160 45.3 35.8 53.6

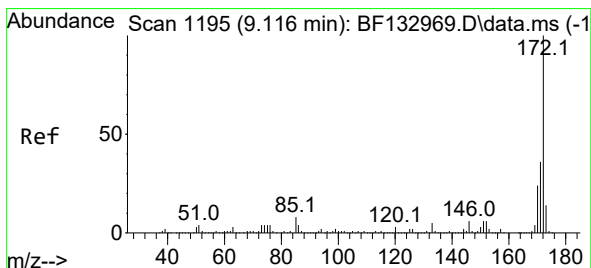
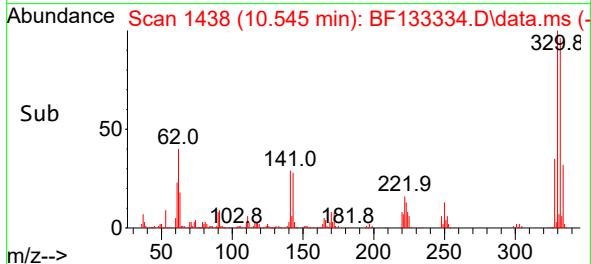
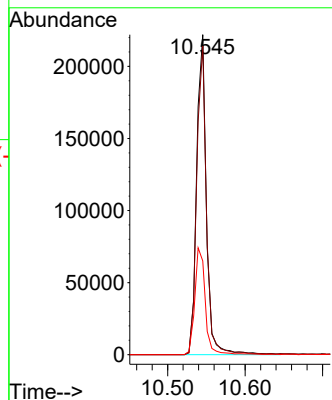
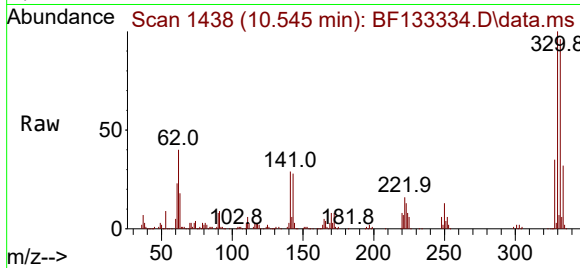




#42
2,4,6-Tribromophenol
Concen: 44.582 ng
RT: 10.545 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133334.D
Acq: 10 May 2023 16:59

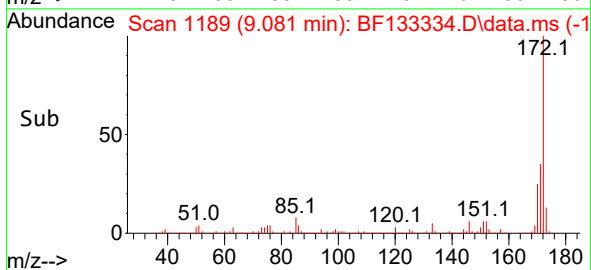
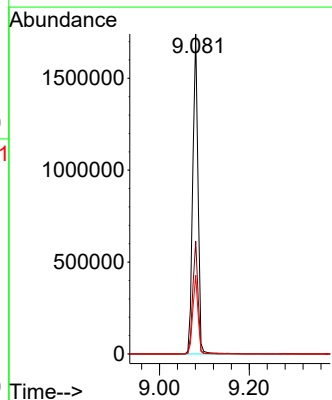
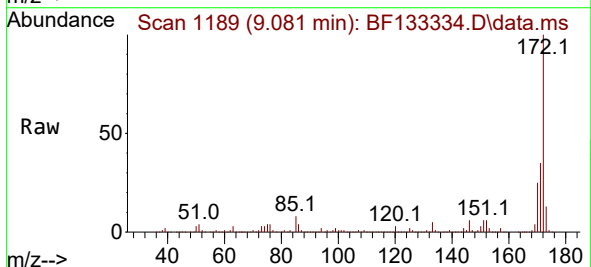
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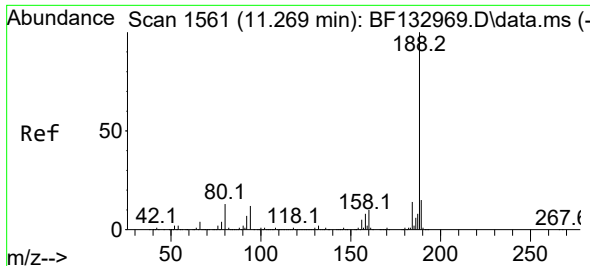
Tgt Ion:330 Resp: 194197
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 36.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 54.899 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133334.D
Acq: 10 May 2023 16:59

Tgt Ion:172 Resp: 1421310
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 24.6 19.4 29.2

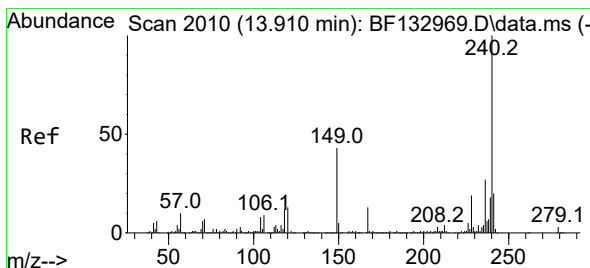
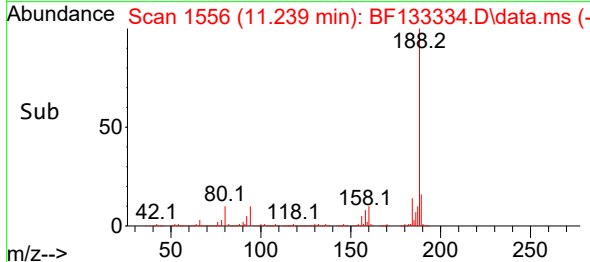
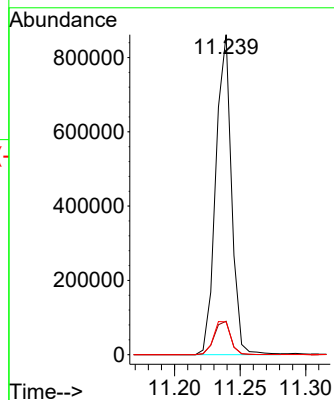
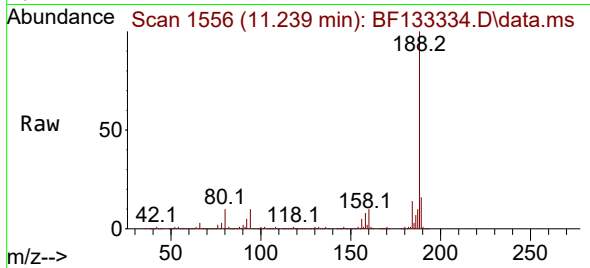




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133334.D
Acq: 10 May 2023 16:59

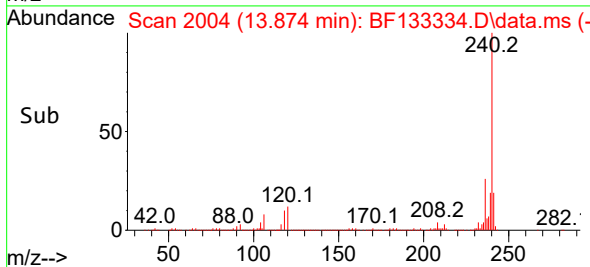
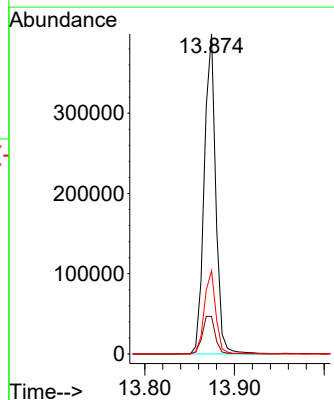
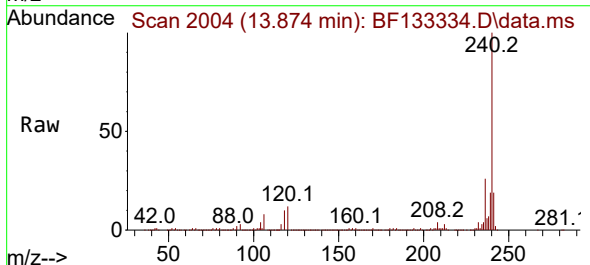
Instrument :
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SB-X01 10-12 20230509

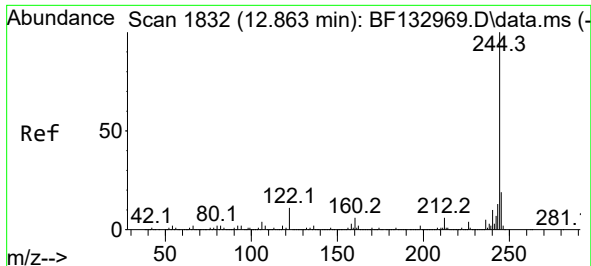
Tgt Ion:188 Resp: 716108
Ion Ratio Lower Upper
188 100
94 10.5 9.7 14.5
80 10.2 10.4 15.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133334.D
Acq: 10 May 2023 16:59

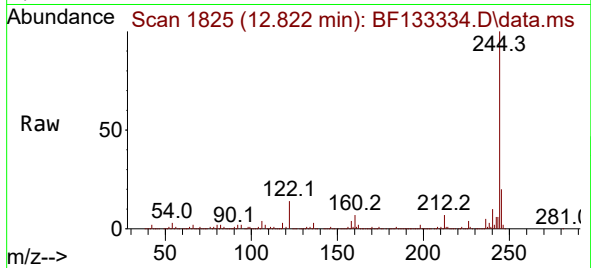
Tgt Ion:240 Resp: 355273
Ion Ratio Lower Upper
240 100
120 11.7 10.5 15.7
236 26.0 21.5 32.3



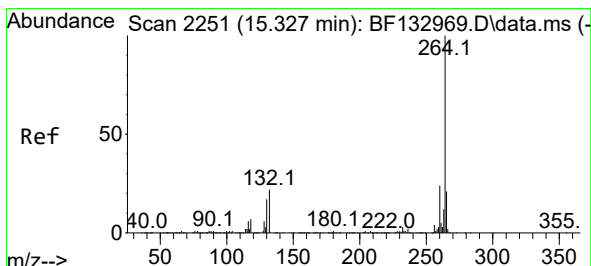
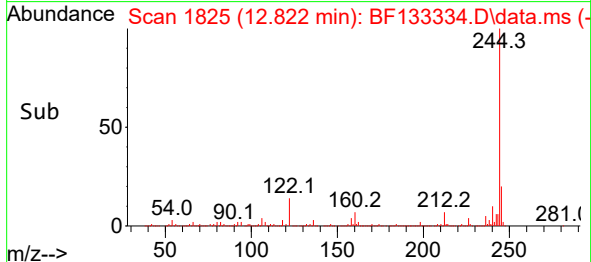
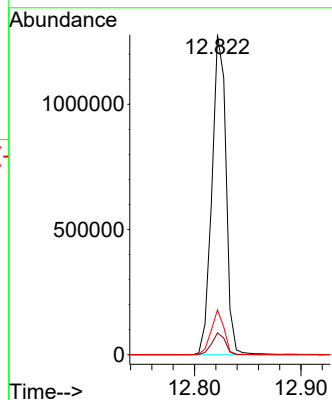


#79
 Terphenyl-d14
 Concen: 57.173 ng
 RT: 12.822 min Scan# 1825
 Delta R.T. -0.012 min
 Lab File: BF133334.D
 Acq: 10 May 2023 16:59

Instrument :
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Tgt Ion:244 Resp: 1177733
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 14.0 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: BF133334.D
 Acq: 10 May 2023 16:59

Tgt Ion:264 Resp: 474469
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 22.1 17.0 25.4

