

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133059.D
 Acq On : 26 Apr 2023 11:38
 Operator : CG\JU
 Sample : 02427-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230344-COMP-22

Quant Time: Apr 27 01:53:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 18:24:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	185036	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	754559	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	376333	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	710087	20.000	ng	# 0.00
76) Chrysene-d12	13.886	240	390195	20.000	ng	-0.01
86) Perylene-d12	15.309	264	374370	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1079441	88.124	ng	0.00
7) Phenol-d6	6.381	99	1321938	86.949	ng	0.00
23) Nitrobenzene-d5	7.298	82	756419	54.110	ng	-0.01
42) 2,4,6-Tribromophenol	10.563	330	312189	82.486	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1188366	52.829	ng	-0.01
79) Terphenyl-d14	12.845	244	1339366	59.200	ng	0.00

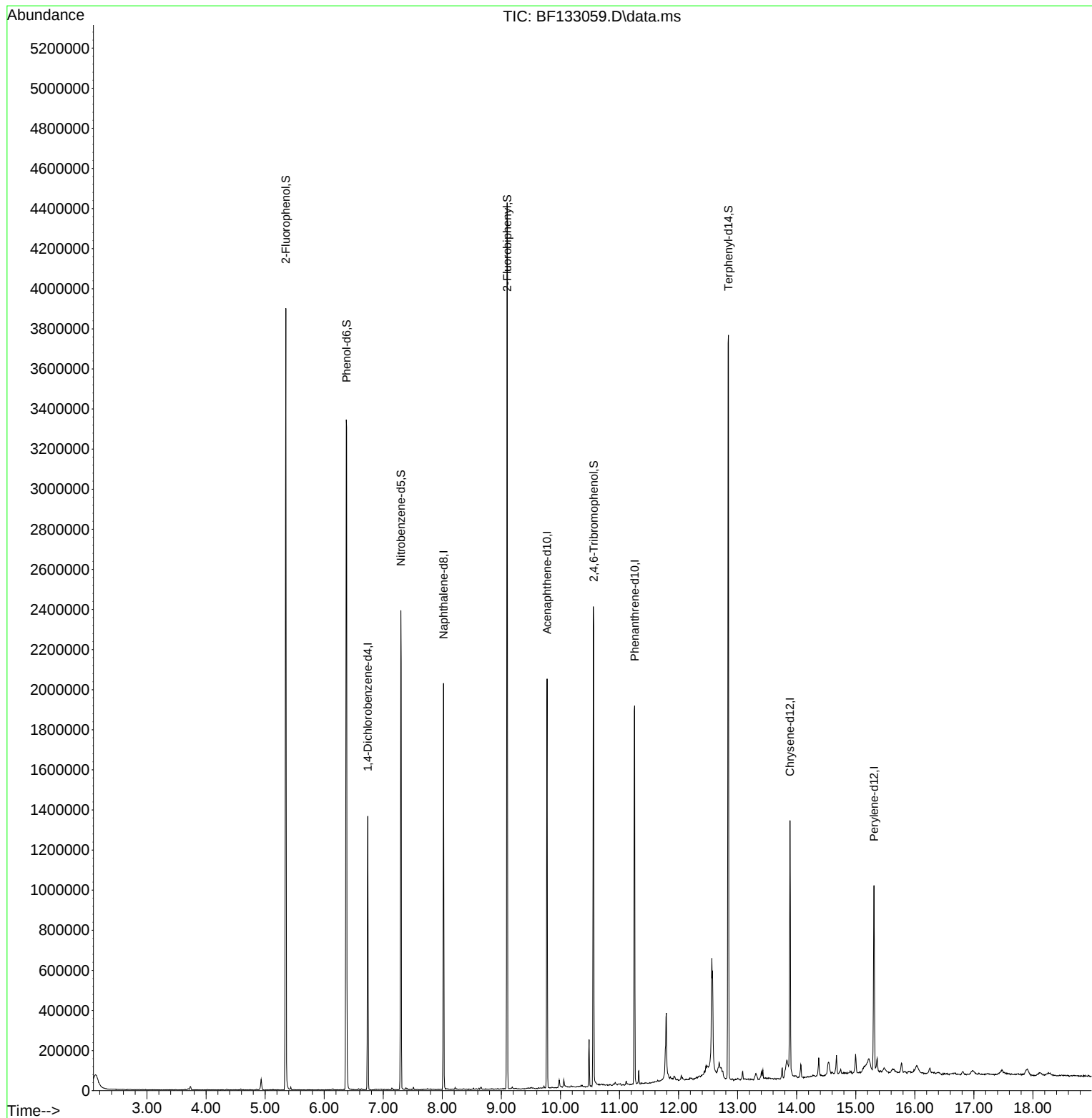
Target Compounds	Qvalue

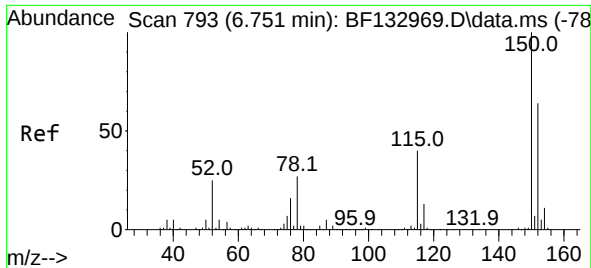
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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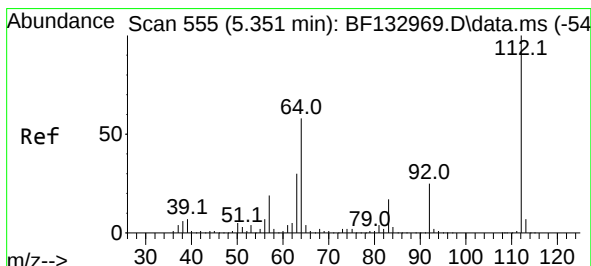
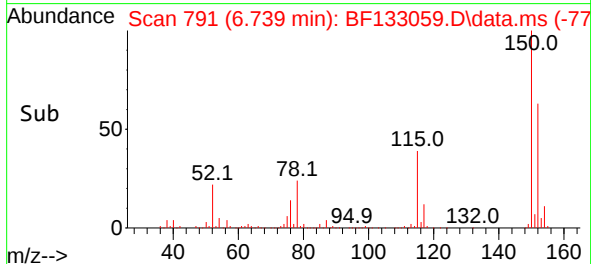
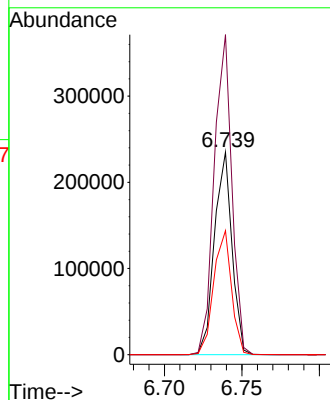
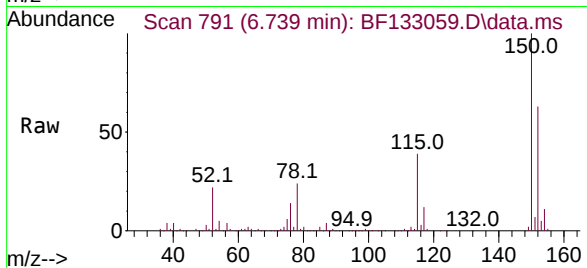




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133059.D
Acq: 26 Apr 2023 11:38

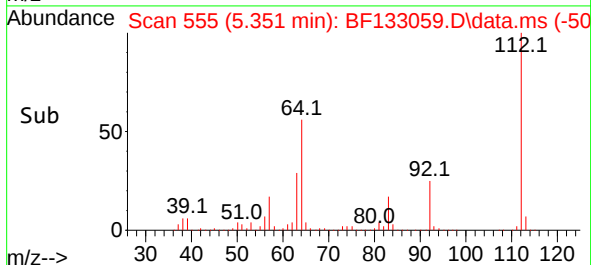
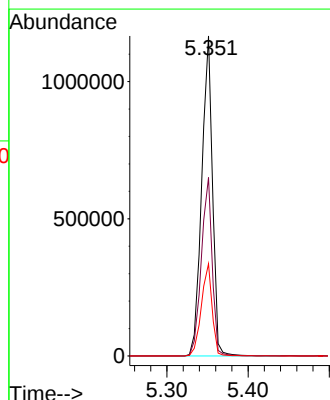
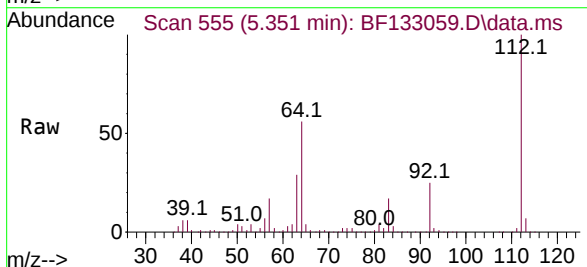
Instrument :
BNA_F
ClientSampleId :
20230344-COMP-22

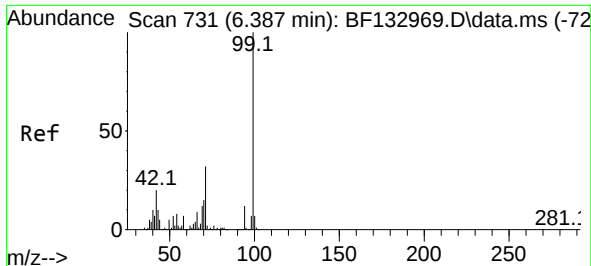
Tgt Ion:152 Resp: 185036
Ion Ratio Lower Upper
152 100
150 157.9 124.8 187.2
115 61.2 49.9 74.9



#5
2-Fluorophenol
Concen: 88.124 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF133059.D
Acq: 26 Apr 2023 11:38

Tgt Ion:112 Resp: 1079441
Ion Ratio Lower Upper
112 100
64 55.8 46.8 70.2
63 28.8 23.8 35.8

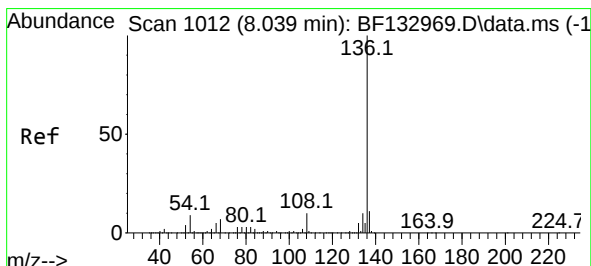
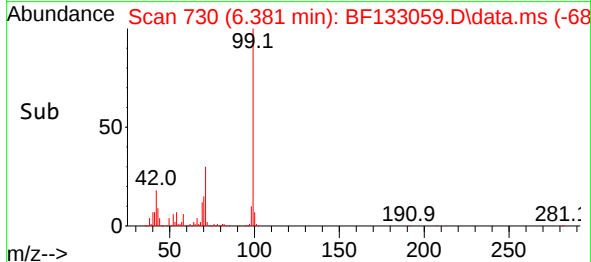
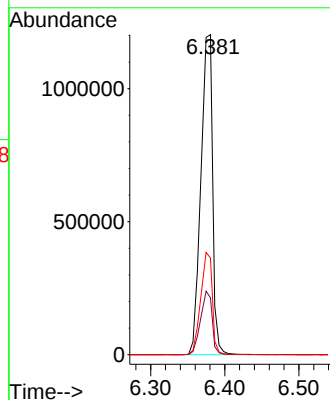
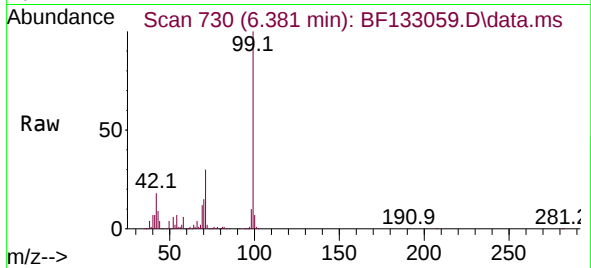




#7
Phenol-d6
Concen: 86.949 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133059.D
Acq: 26 Apr 2023 11:38

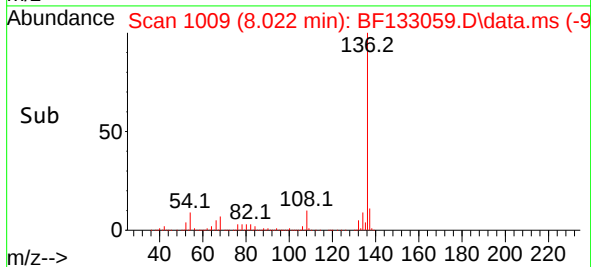
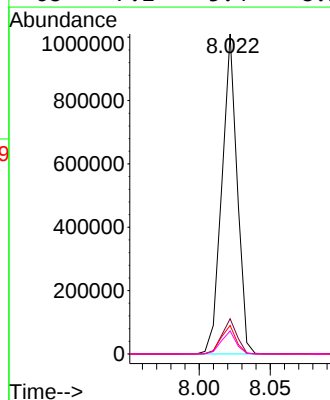
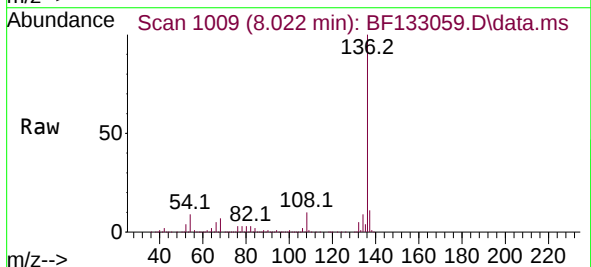
Instrument :
BNA_F
ClientSampleId :
20230344-COMP-22

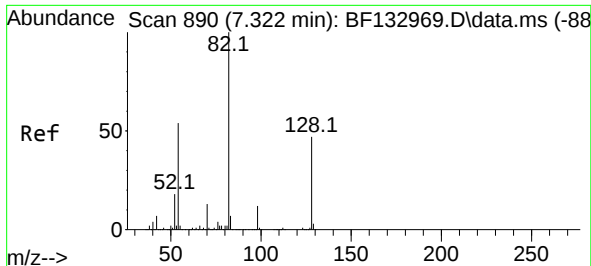
Tgt Ion: 99 Resp: 1321938
Ion Ratio Lower Upper
99 100
42 17.8 16.3 24.5
71 30.2 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133059.D
Acq: 26 Apr 2023 11:38

Tgt Ion: 136 Resp: 754559
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.9 7.0 10.4
68 7.2 5.4 8.2





#23

Nitrobenzene-d5

Concen: 54.110 ng

RT: 7.298 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133059.D

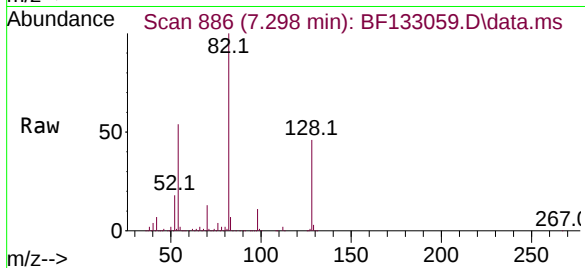
Acq: 26 Apr 2023 11:38

Instrument :

BNA_F

ClientSampleId :

20230344-COMP-22



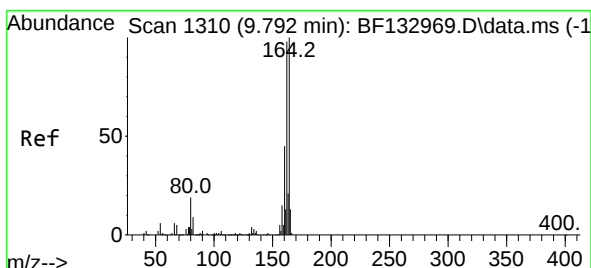
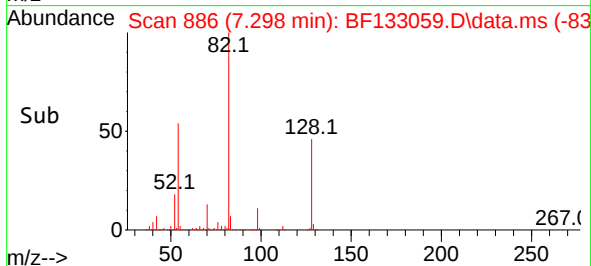
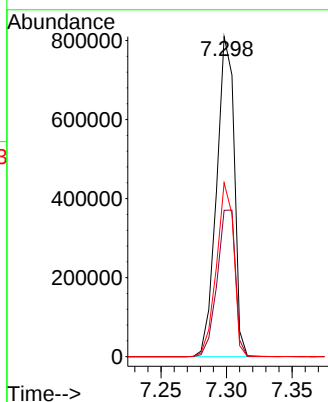
Tgt Ion: 82 Resp: 756419

Ion Ratio Lower Upper

82 100

128 45.8 37.7 56.5

54 54.4 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BF133059.D

Acq: 26 Apr 2023 11:38

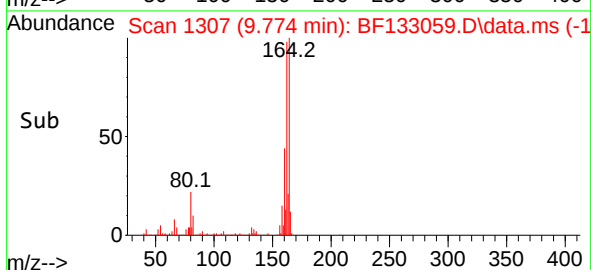
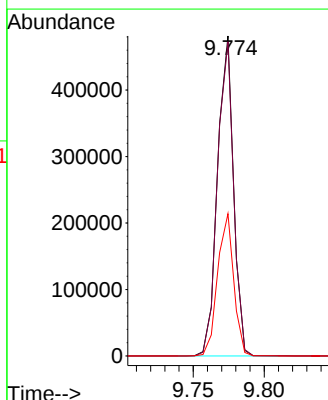
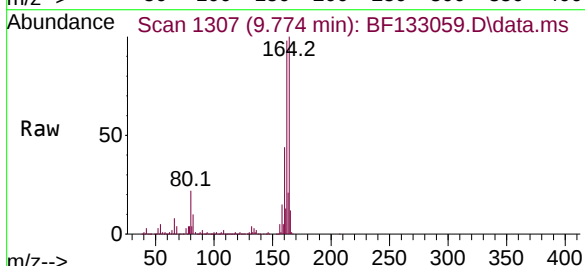
Tgt Ion:164 Resp: 376333

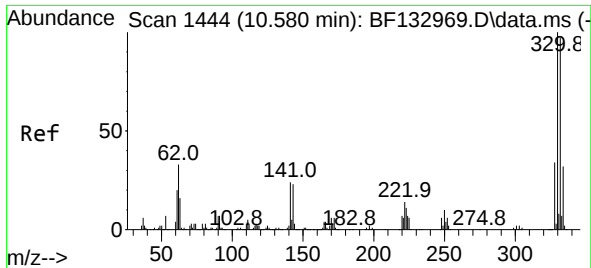
Ion Ratio Lower Upper

164 100

162 98.2 78.7 118.1

160 44.4 35.8 53.6

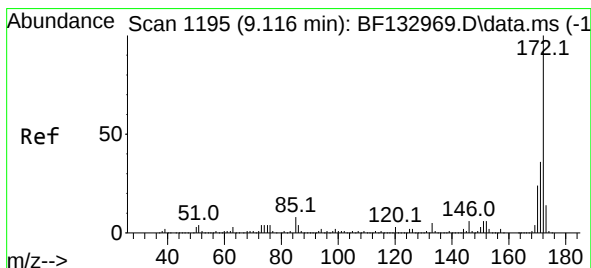
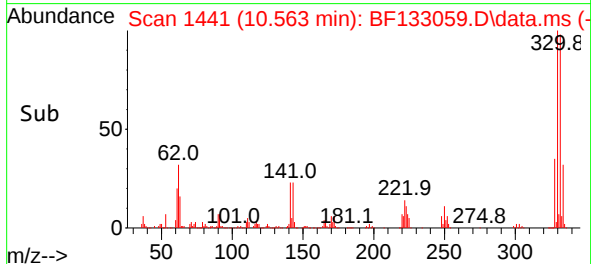
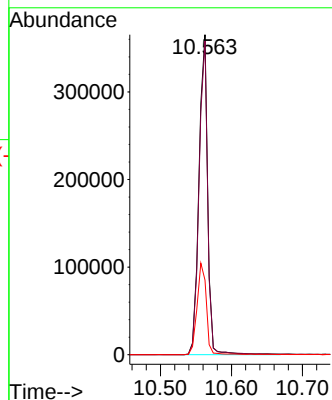
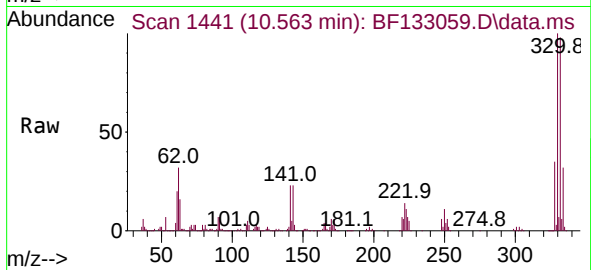




#42
2,4,6-Tribromophenol
Concen: 82.486 ng
RT: 10.563 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133059.D
Acq: 26 Apr 2023 11:38

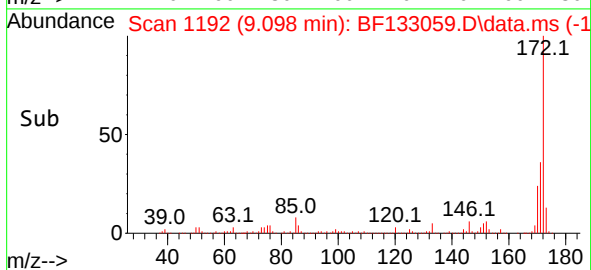
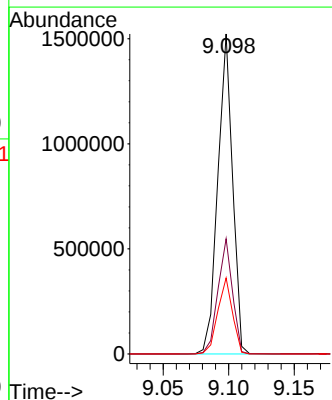
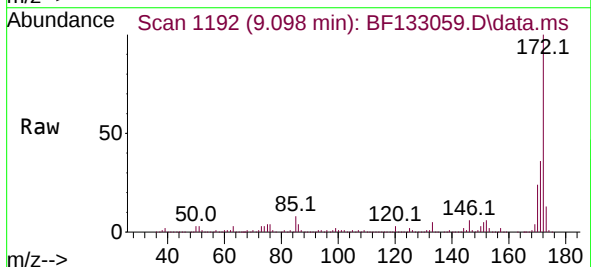
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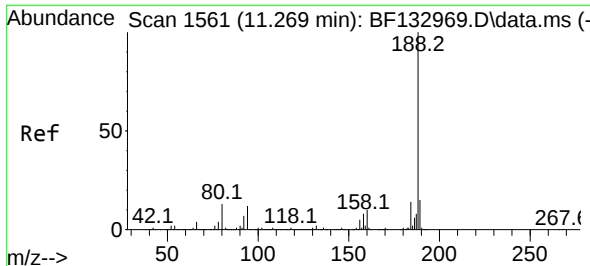
Tgt Ion:330 Resp: 312189
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 30.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 52.829 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF133059.D
Acq: 26 Apr 2023 11:38

Tgt Ion:172 Resp: 1188366
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.8 19.4 29.2

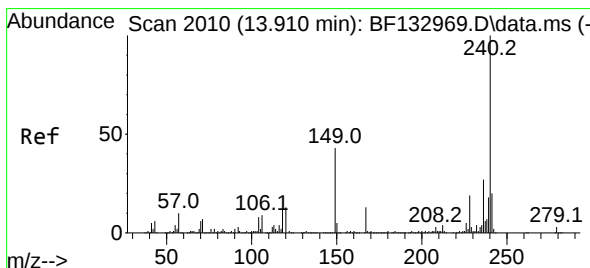
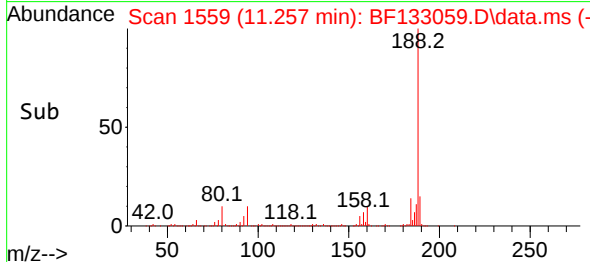
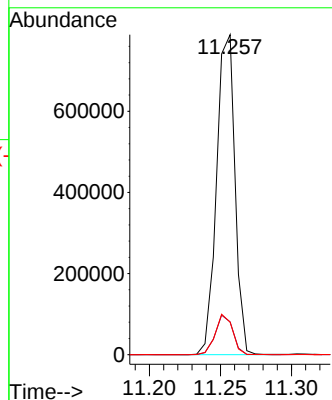
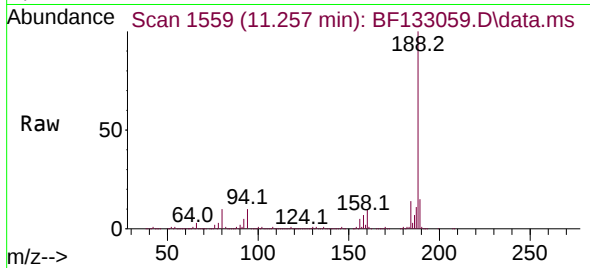




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133059.D
Acq: 26 Apr 2023 11:38

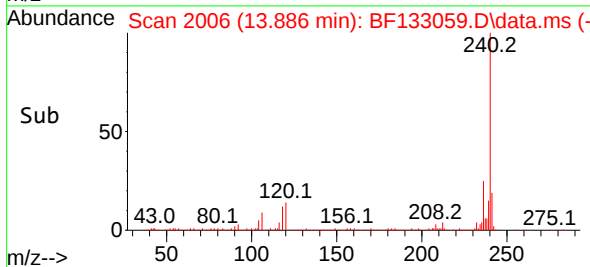
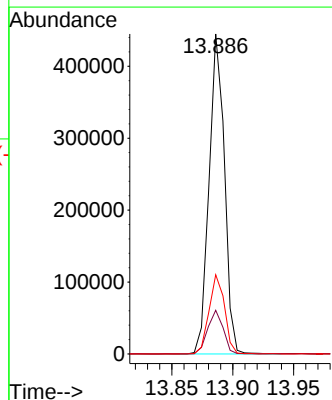
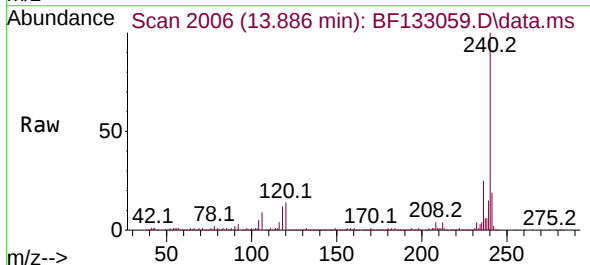
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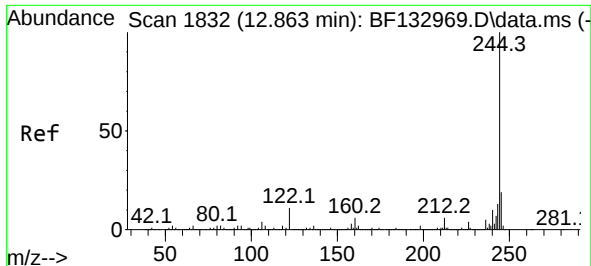
Tgt Ion:188 Resp: 710087
Ion Ratio Lower Upper
188 100
94 10.2 9.7 14.5
80 10.2 10.4 15.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF133059.D
Acq: 26 Apr 2023 11:38

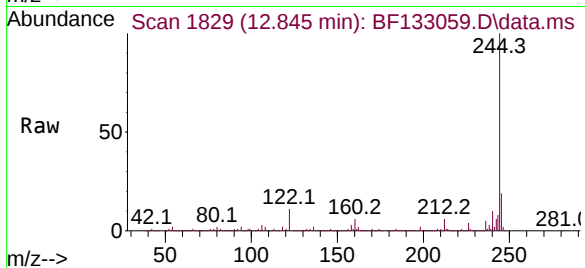
Tgt Ion:240 Resp: 390195
Ion Ratio Lower Upper
240 100
120 13.7 10.5 15.7
236 24.8 21.5 32.3



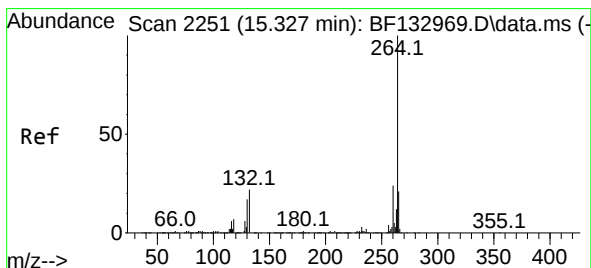
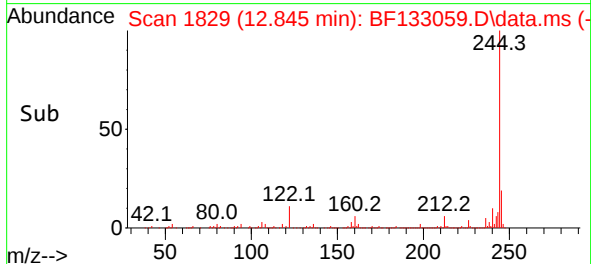
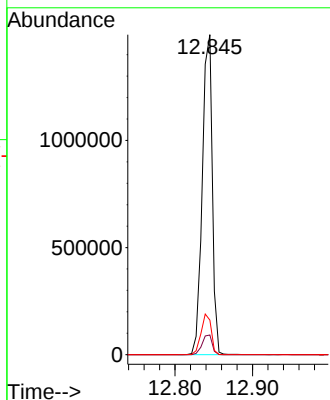


#79
 Terphenyl-d14
 Concen: 59.200 ng
 RT: 12.845 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133059.D
 Acq: 26 Apr 2023 11:38

Instrument :
 BNA_F
 ClientSampleId :
 20230344-COMP-22



Tgt Ion:244 Resp: 1339366
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.1 7.7
 122 10.8 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.309 min Scan# 2248
 Delta R.T. -0.006 min
 Lab File: BF133059.D
 Acq: 26 Apr 2023 11:38

Tgt Ion:264 Resp: 374370
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.8 17.0 25.4

