

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133058.D
 Acq On : 26 Apr 2023 11:03
 Operator : CG\JU
 Sample : PB152346TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152346TB

Quant Time: Apr 27 01:53:09 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	240682	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	1007530	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	525409	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	961609	20.000	ng	0.00
76) Chrysene-d12	13.892	240	708925	20.000	ng	0.00
86) Perylene-d12	15.315	264	601789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1880774	118.044	ng	0.02
7) Phenol-d6	6.387	99	2284669	115.528	ng	0.00
23) Nitrobenzene-d5	7.304	82	1406235	75.337	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	622739	117.854	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	2352325	74.902	ng	0.00
79) Terphenyl-d14	12.851	244	2762126	67.197	ng	0.00

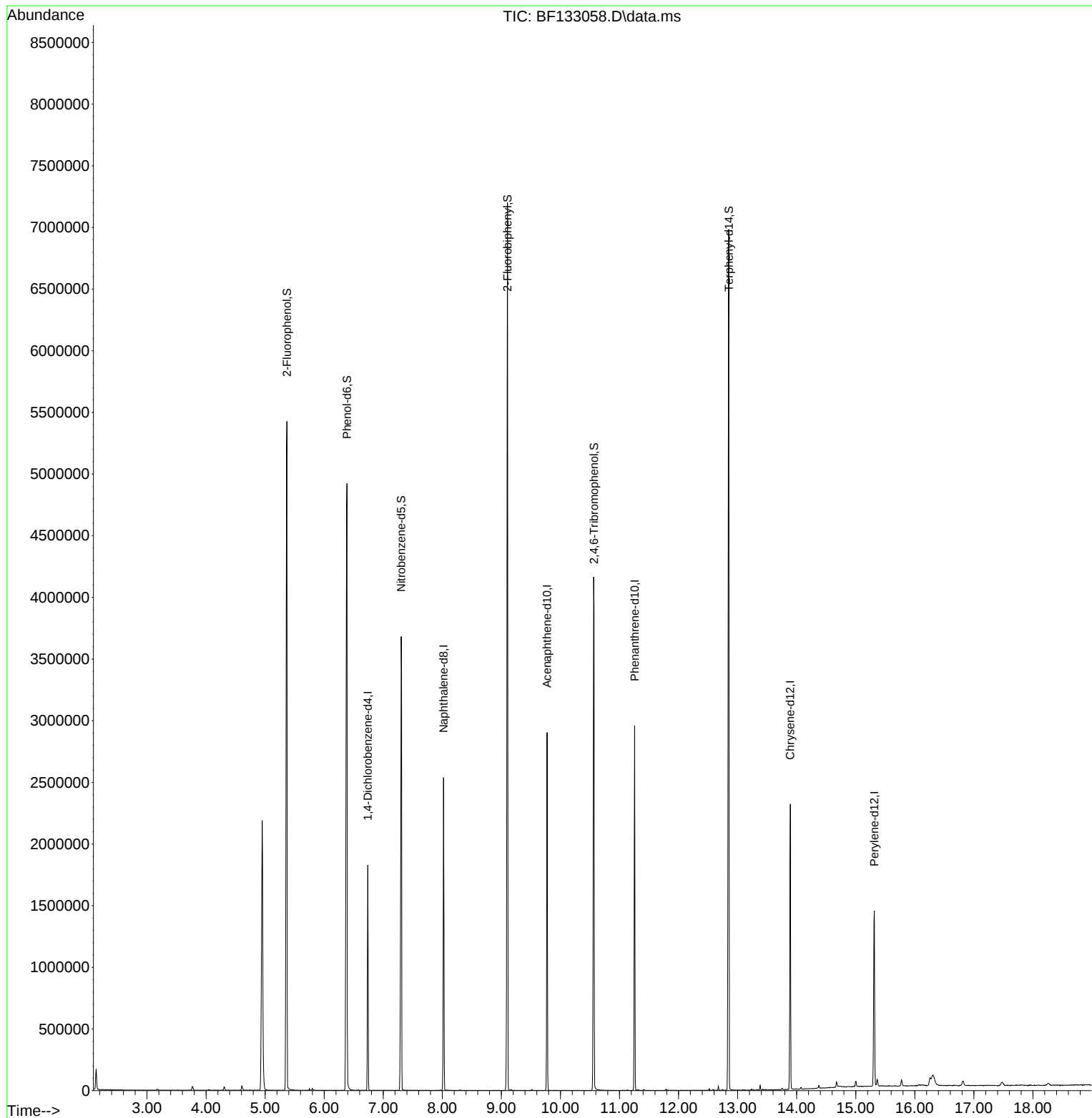
Target Compounds	Qvalue

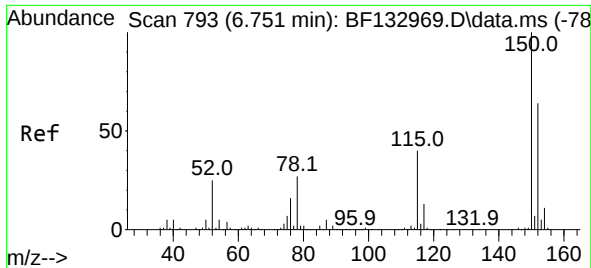
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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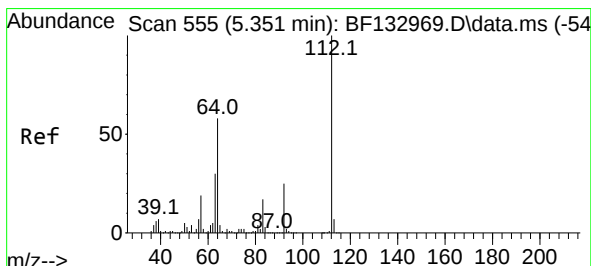
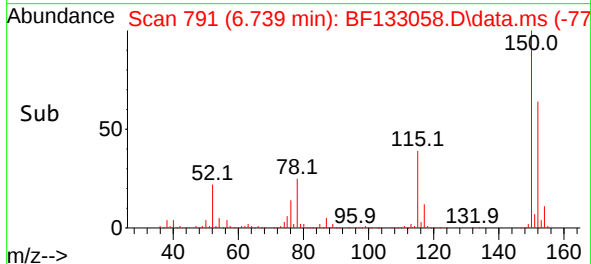
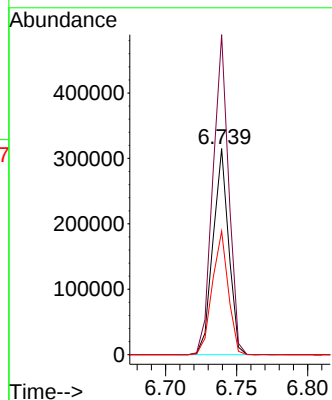
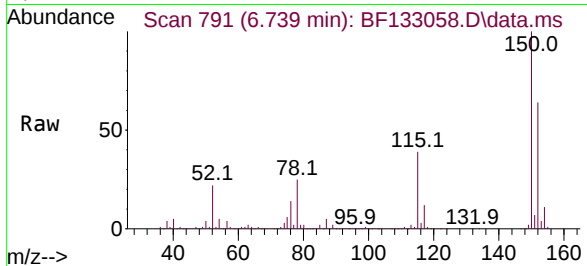




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133058.D
Acq: 26 Apr 2023 11:03

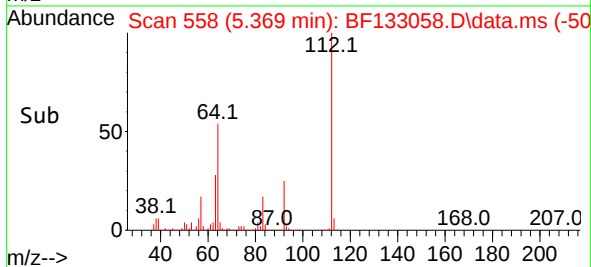
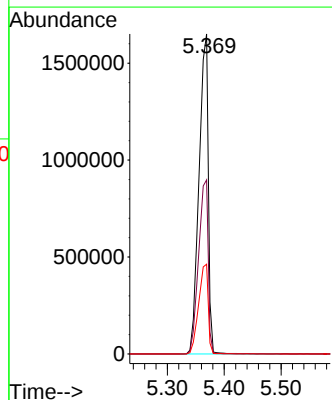
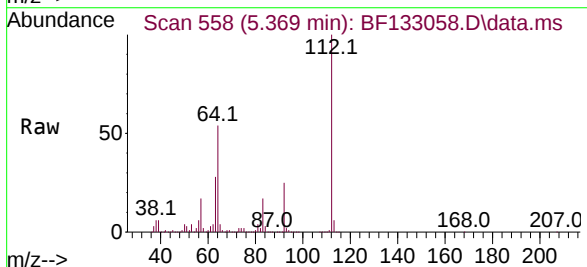
Instrument :
BNA_F
ClientSampleId :
PB152346TB

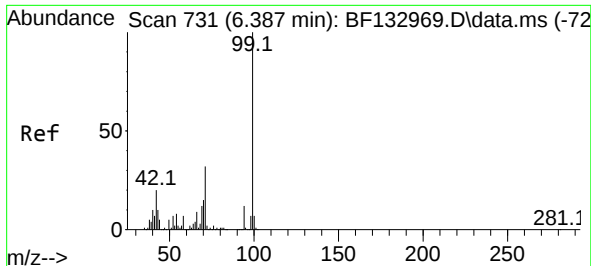
Tgt Ion:152 Resp: 240682
Ion Ratio Lower Upper
152 100
150 155.3 124.8 187.2
115 60.0 49.9 74.9



#5
2-Fluorophenol
Concen: 118.044 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.018 min
Lab File: BF133058.D
Acq: 26 Apr 2023 11:03

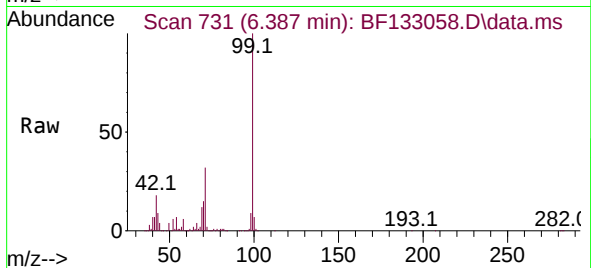
Tgt Ion:112 Resp: 1880774
Ion Ratio Lower Upper
112 100
64 54.4 46.8 70.2
63 28.1 23.8 35.8





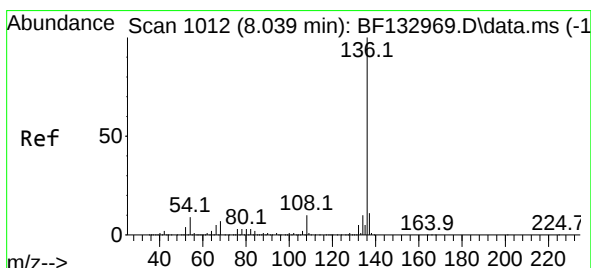
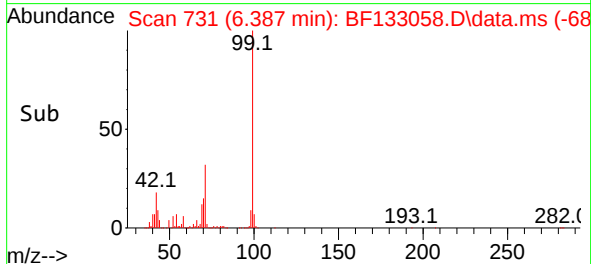
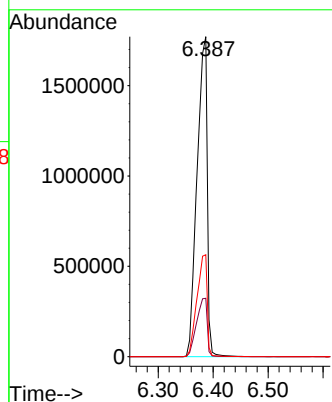
#7
Phenol-d6
Concen: 115.528 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133058.D
Acq: 26 Apr 2023 11:03

Instrument :
BNA_F
ClientSampleId :
PB152346TB



Tgt Ion: 99 Resp: 2284669

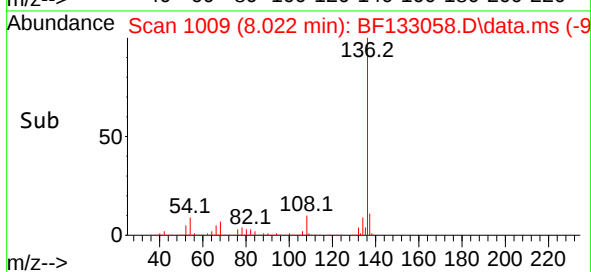
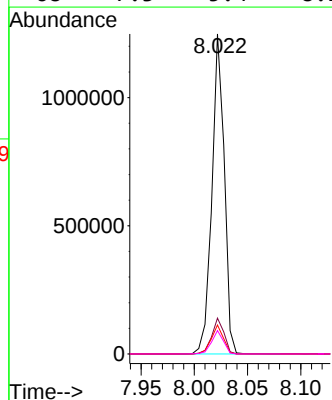
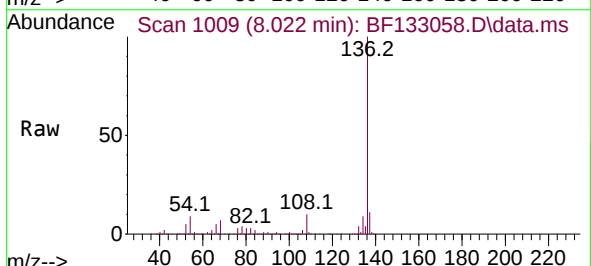
Ion	Ratio	Lower	Upper
99	100		
42	18.3	16.3	24.5
71	31.9	25.6	38.4

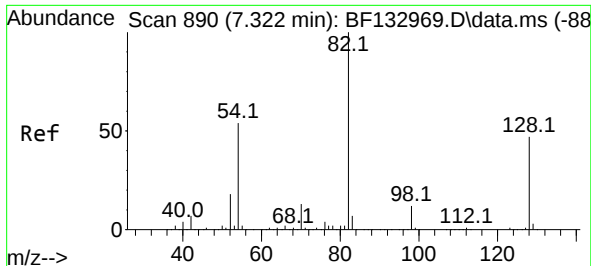


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133058.D
Acq: 26 Apr 2023 11:03

Tgt Ion: 136 Resp: 1007530

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	9.1	7.0	10.4
68	7.3	5.4	8.2





#23

Nitrobenzene-d5

Concen: 75.337 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133058.D

Acq: 26 Apr 2023 11:03

Instrument :

BNA_F

ClientSampleId :

PB152346TB

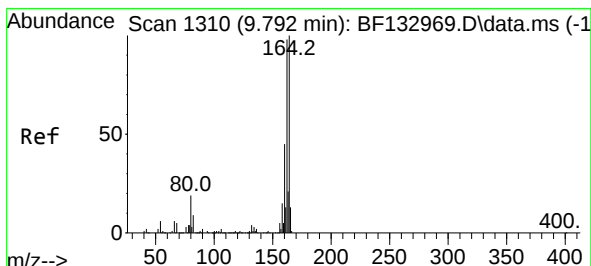
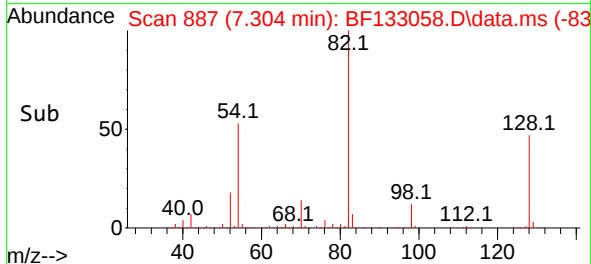
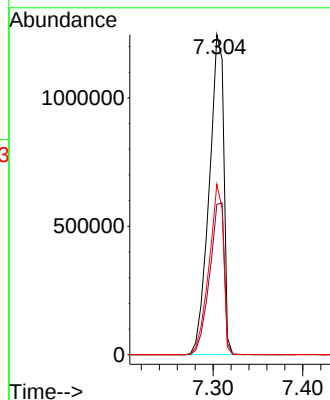
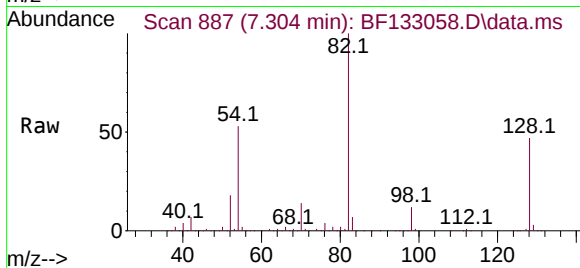
Tgt Ion: 82 Resp: 1406235

Ion Ratio Lower Upper

82 100

128 47.0 37.7 56.5

54 53.2 43.0 64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BF133058.D

Acq: 26 Apr 2023 11:03

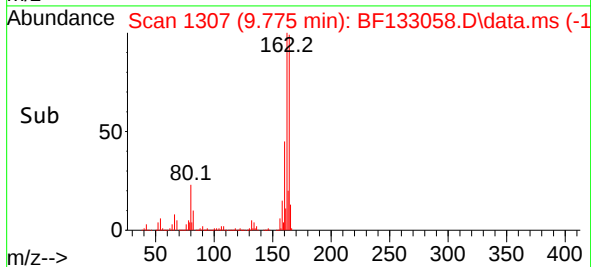
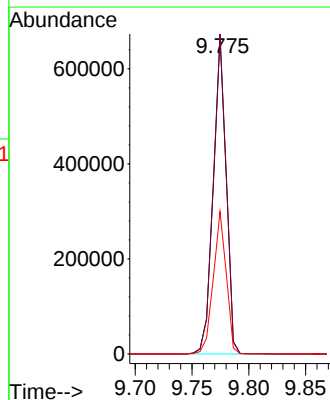
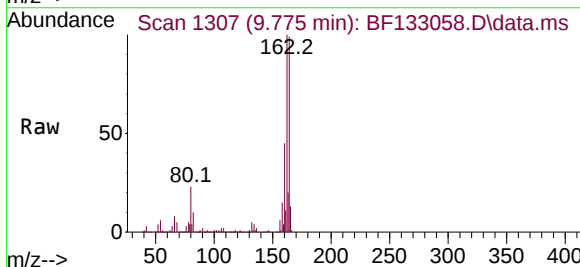
Tgt Ion:164 Resp: 525409

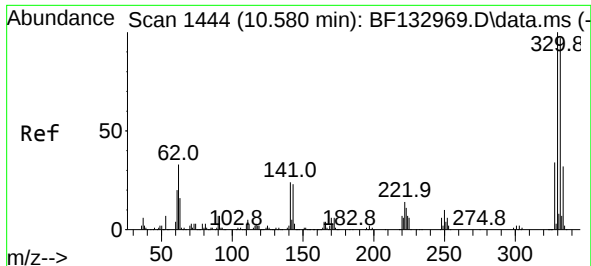
Ion Ratio Lower Upper

164 100

162 100.9 78.7 118.1

160 44.9 35.8 53.6

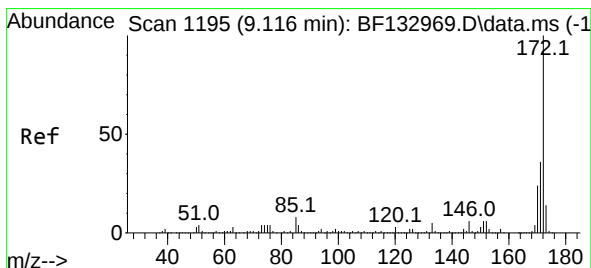
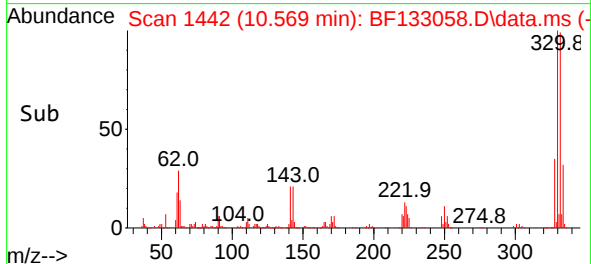
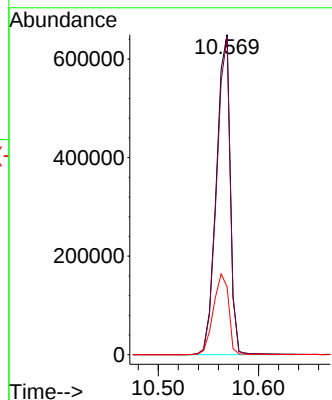
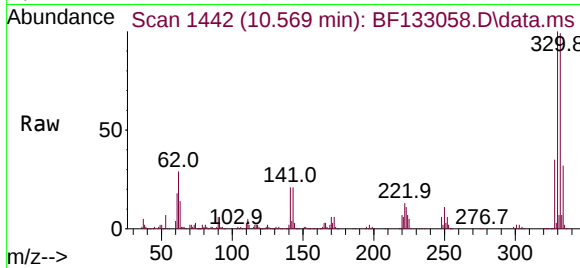




#42
2,4,6-Tribromophenol
Concen: 117.854 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF133058.D
Acq: 26 Apr 2023 11:03

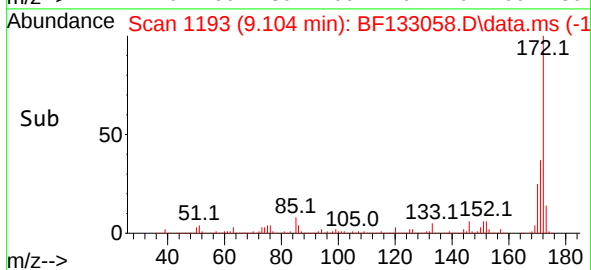
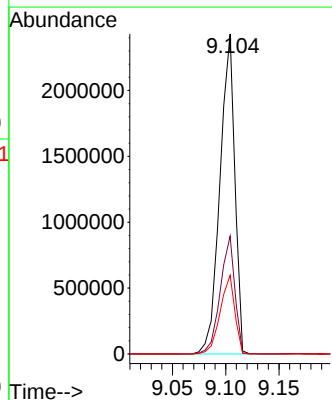
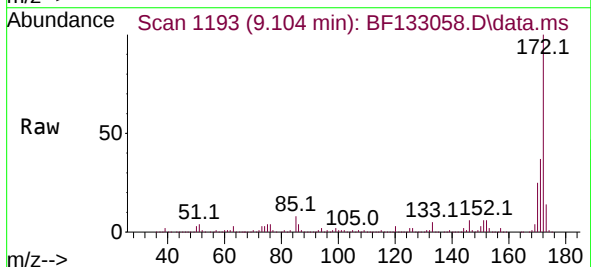
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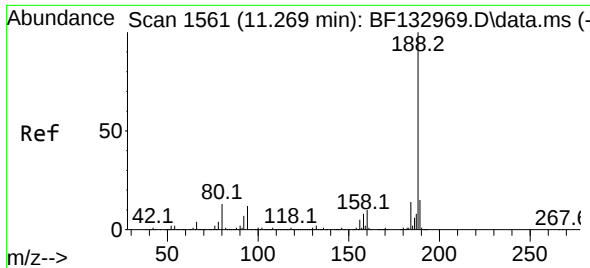
Tgt Ion:330 Resp: 622739
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 27.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 74.902 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF133058.D
Acq: 26 Apr 2023 11:03

Tgt Ion:172 Resp: 2352325
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.6 19.4 29.2

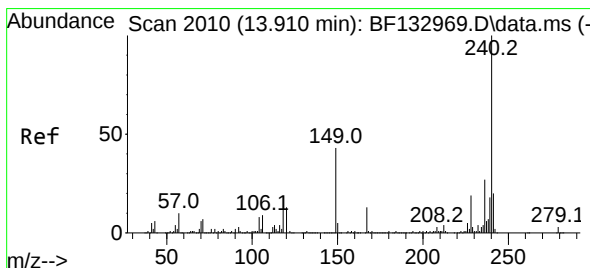
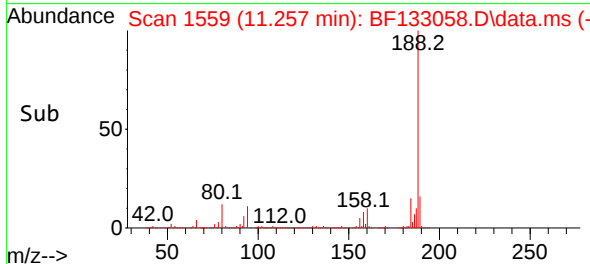
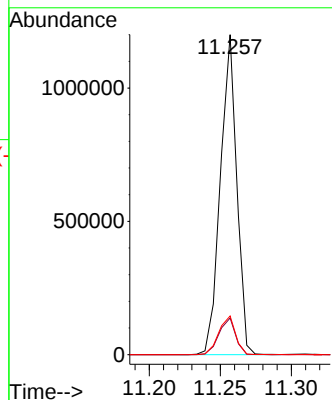
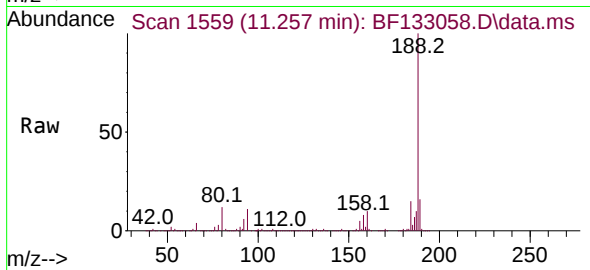




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133058.D
Acq: 26 Apr 2023 11:03

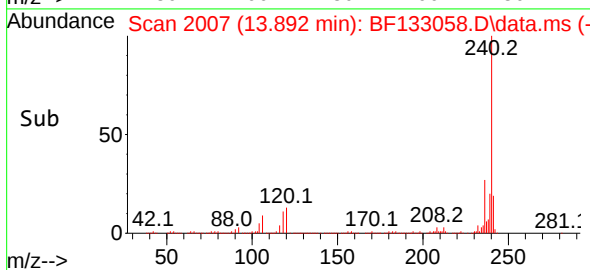
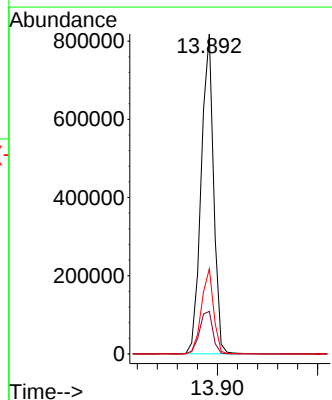
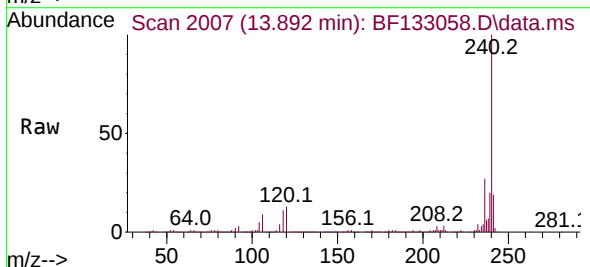
Instrument :
BNA_F
ClientSampleId :
PB152346TB

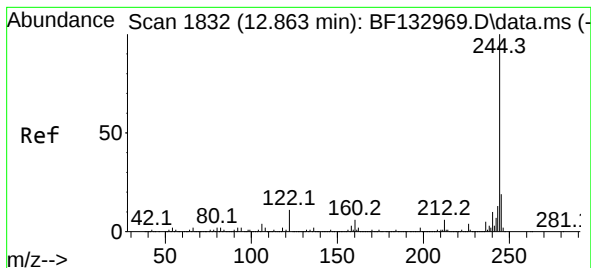
Tgt Ion:188 Resp: 961609
Ion Ratio Lower Upper
188 100
94 11.4 9.7 14.5
80 12.1 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF133058.D
Acq: 26 Apr 2023 11:03

Tgt Ion:240 Resp: 708925
Ion Ratio Lower Upper
240 100
120 13.3 10.5 15.7
236 26.6 21.5 32.3





#79

Terphenyl-d14

Concen: 67.197 ng

RT: 12.851 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133058.D

Acq: 26 Apr 2023 11:03

Instrument :

BNA_F

ClientSampleId :

PB152346TB

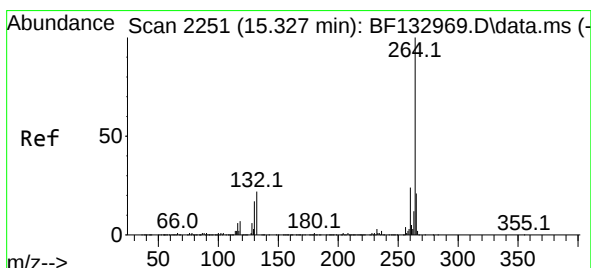
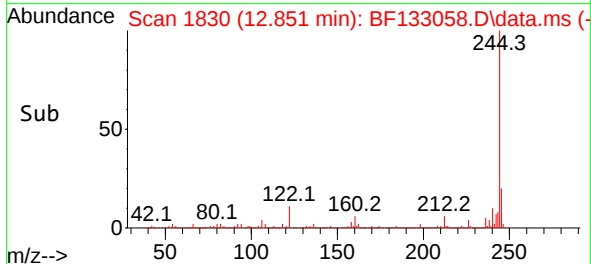
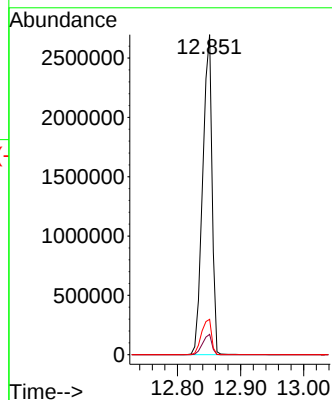
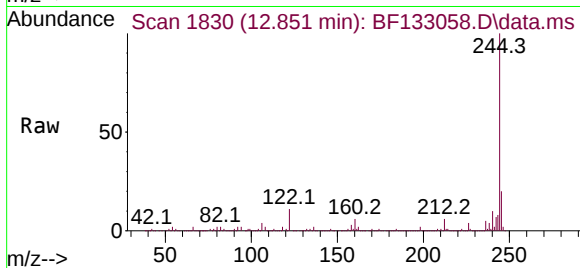
Tgt Ion:244 Resp: 2762126

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 11.0 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.315 min Scan# 2249

Delta R.T. 0.000 min

Lab File: BF133058.D

Acq: 26 Apr 2023 11:03

Tgt Ion:264 Resp: 601789

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.9 17.0 25.4

