

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135408.D
 Acq On : 22 Sep 2023 19:41
 Operator : CG\JU
 Sample : 04436-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B103-01

Quant Time: Sep 23 04:58:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	167088	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	622758	20.000	ng	# 0.00
39) Acenaphthene-d10	9.798	164	294606	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	478276	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	195873	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	259204	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	759408	73.921	ng	0.00
7) Phenol-d6	6.404	99	944594	72.311	ng	0.00
23) Nitrobenzene-d5	7.322	82	575503	50.207	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	175939	60.095	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	937999	48.036	ng	0.00
79) Terphenyl-d14	12.886	244	587148	46.468	ng	0.00

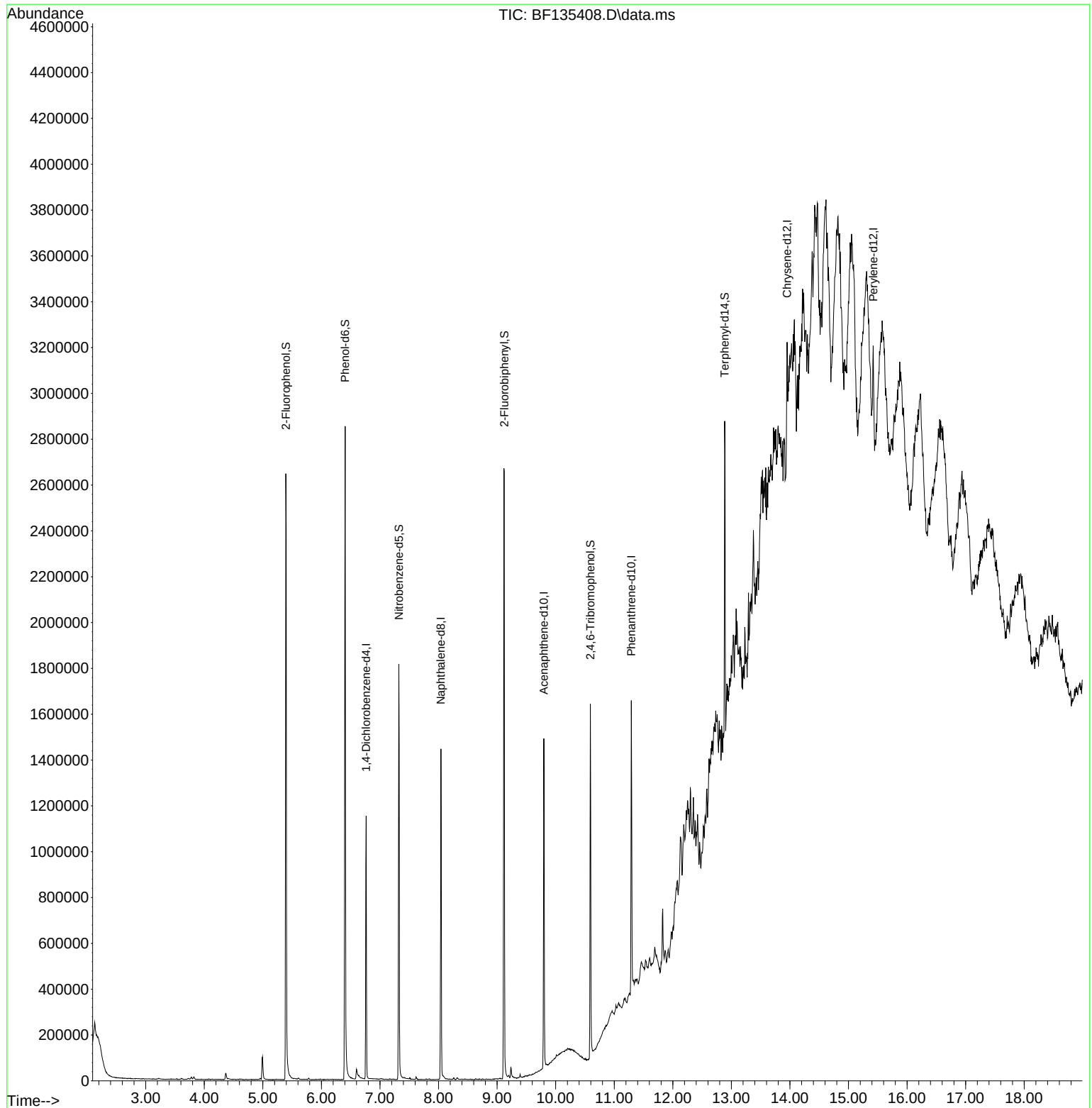
Target Compounds	Qvalue
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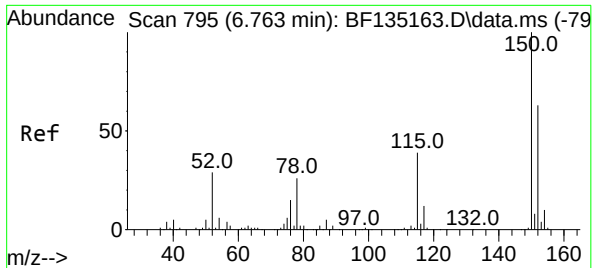
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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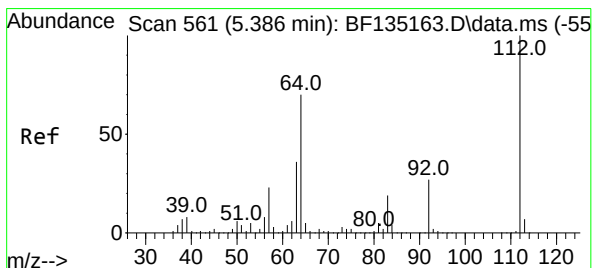
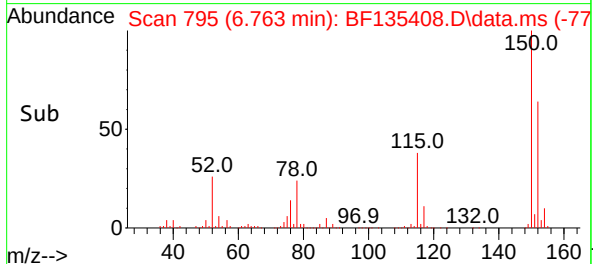
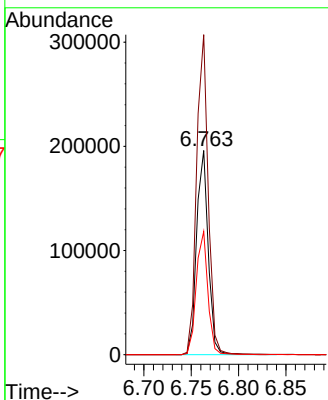
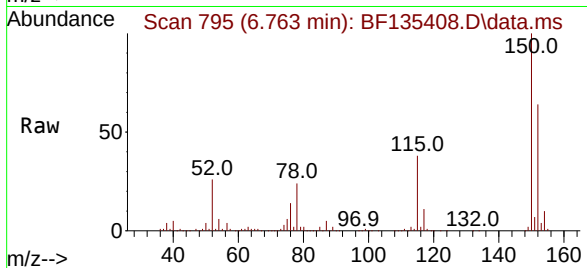




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135408.D
 Acq: 22 Sep 2023 19:41

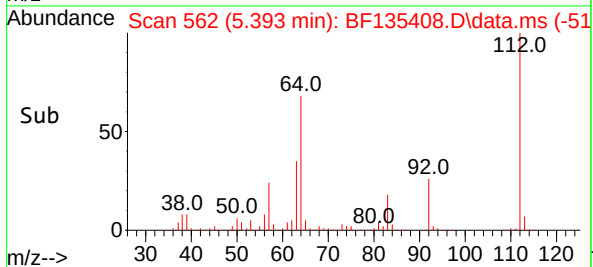
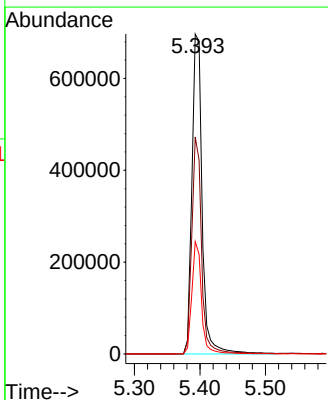
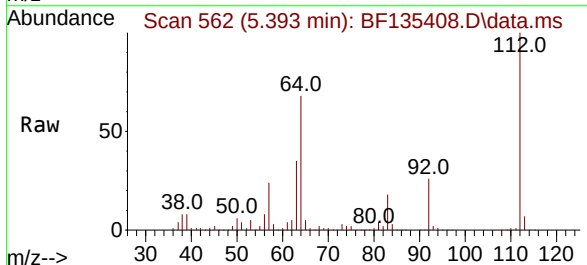
Instrument :
 BNA_F
 ClientSampleId :
 B103-01

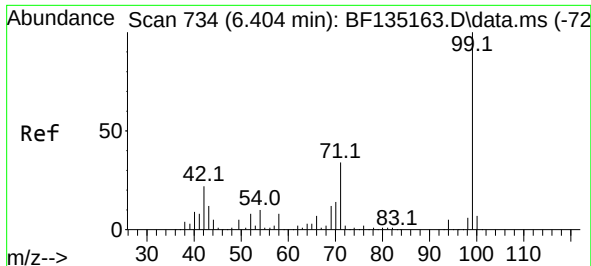
Tgt Ion:152 Resp: 167088
 Ion Ratio Lower Upper
 152 100
 150 156.7 127.8 191.6
 115 60.3 49.8 74.8



#5
 2-Fluorophenol
 Concen: 73.921 ng
 RT: 5.393 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF135408.D
 Acq: 22 Sep 2023 19:41

Tgt Ion:112 Resp: 759408
 Ion Ratio Lower Upper
 112 100
 64 67.8 55.9 83.9
 63 35.1 29.0 43.6





#7

Phenol-d6

Concen: 72.311 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135408.D

Acq: 22 Sep 2023 19:41

Instrument :

BNA_F

ClientSampleId :

B103-01

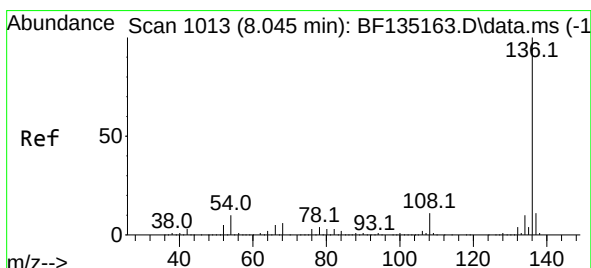
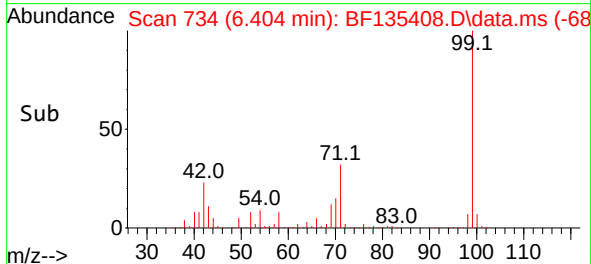
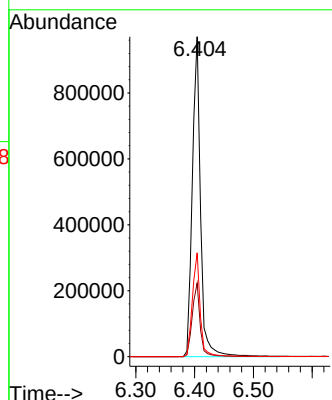
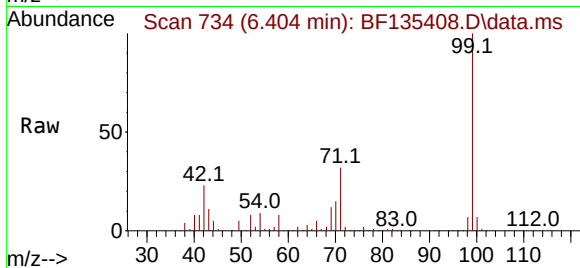
Tgt Ion: 99 Resp: 944594

Ion Ratio Lower Upper

99 100

42 23.0 17.9 26.9

71 32.5 27.0 40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.040 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF135408.D

Acq: 22 Sep 2023 19:41

Tgt Ion: 136 Resp: 622758

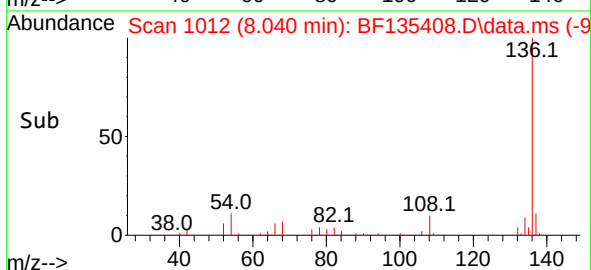
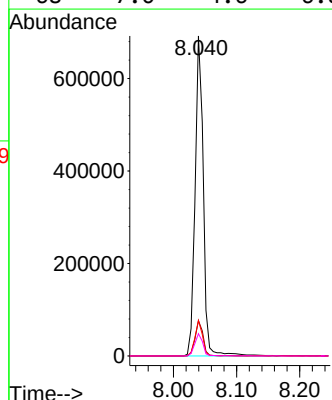
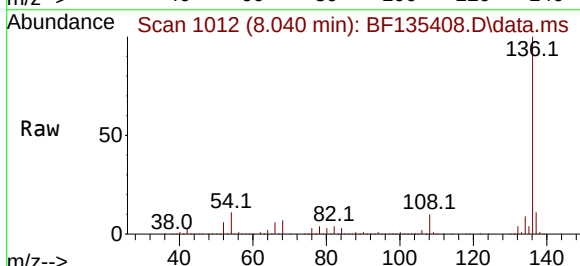
Ion Ratio Lower Upper

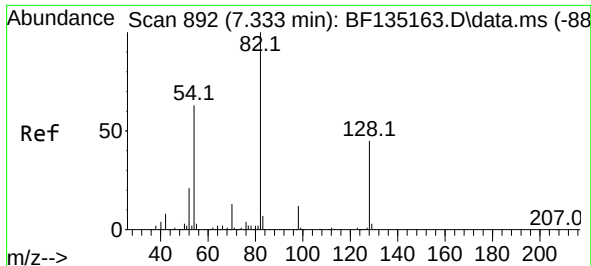
136 100

137 11.1 8.8 13.2

54 11.1 7.7 11.5

68 7.0 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 50.207 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF135408.D

Acq: 22 Sep 2023 19:41

Instrument :

BNA_F

ClientSampleId :

B103-01

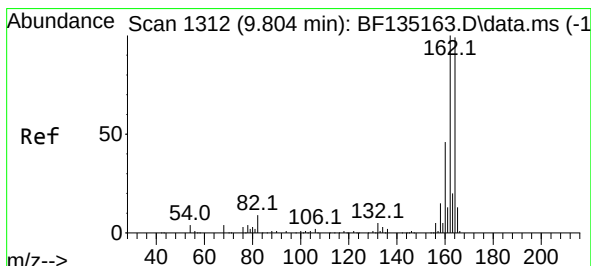
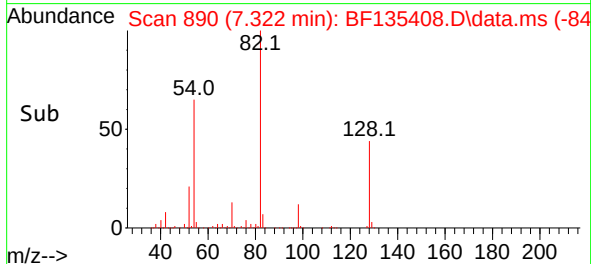
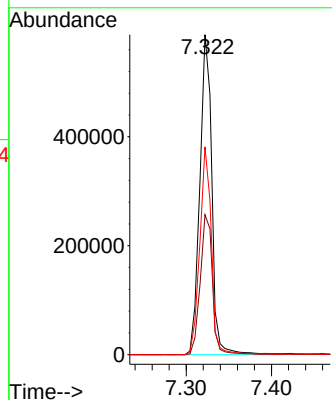
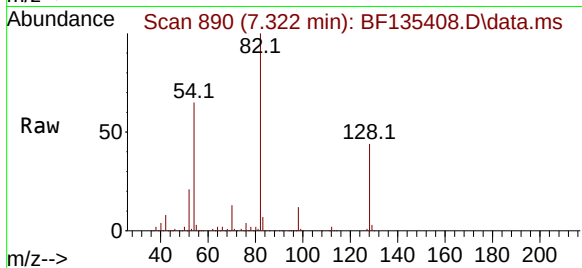
Tgt Ion: 82 Resp: 575503

Ion Ratio Lower Upper

82 100

128 43.8 35.8 53.6

54 64.9 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF135408.D

Acq: 22 Sep 2023 19:41

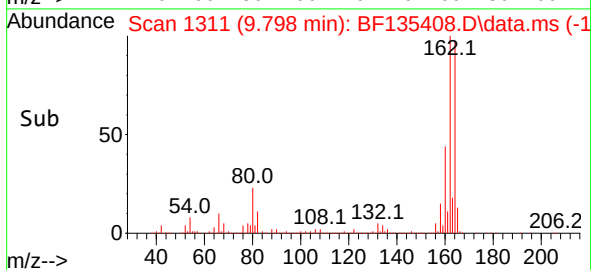
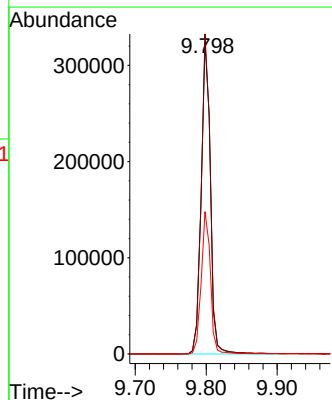
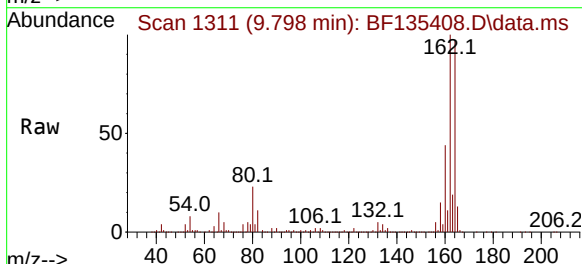
Tgt Ion: 164 Resp: 294606

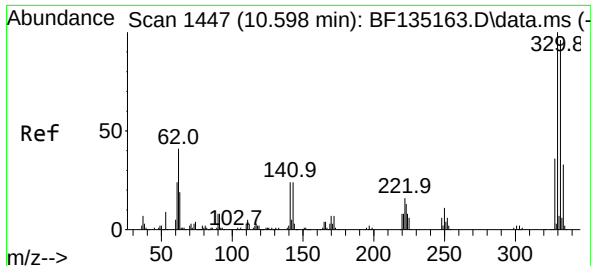
Ion Ratio Lower Upper

164 100

162 102.6 81.0 121.4

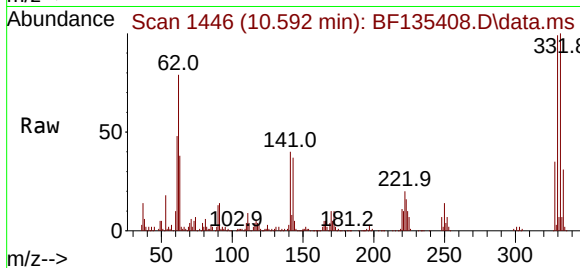
160 45.6 37.0 55.4



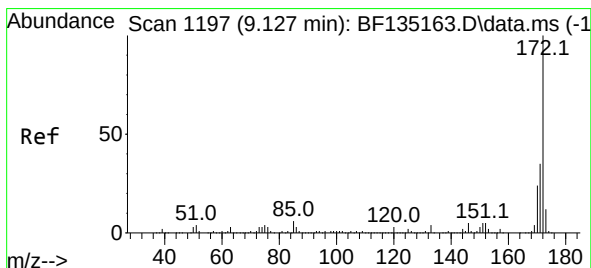
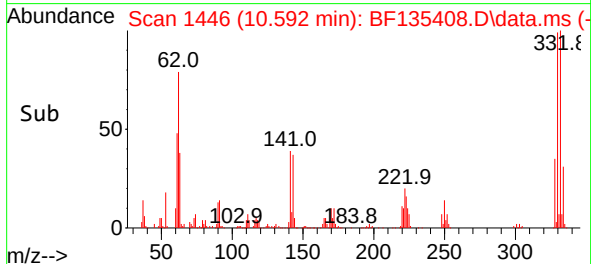
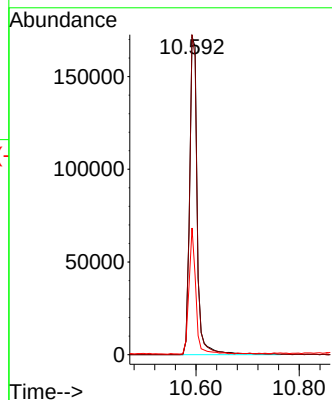


#42
2,4,6-Tribromophenol
Concen: 60.095 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135408.D
Acq: 22 Sep 2023 19:41

Instrument :
BNA_F
ClientSampleId :
B103-01

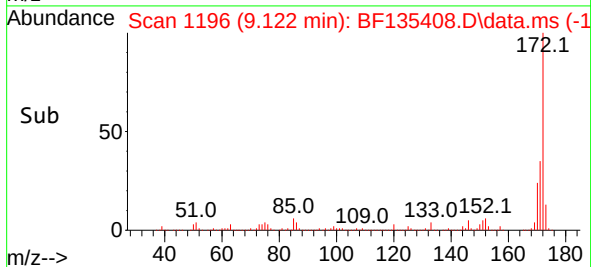
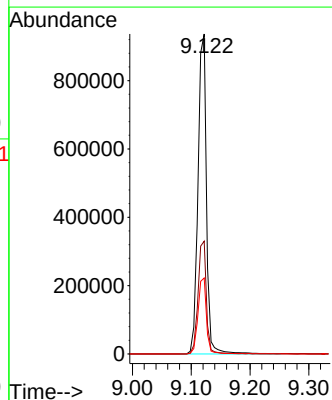
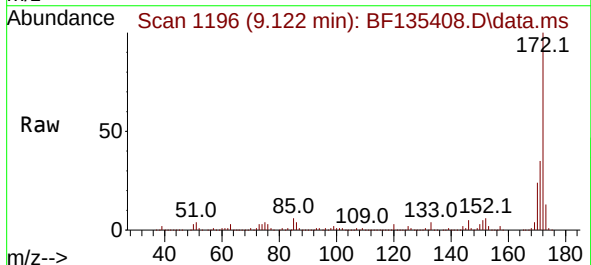


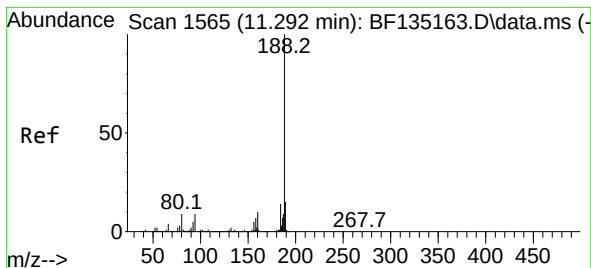
Tgt Ion: 330 Resp: 175939
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 35.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 48.036 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135408.D
Acq: 22 Sep 2023 19:41

Tgt Ion: 172 Resp: 937999
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135408.D

Acq: 22 Sep 2023 19:41

Instrument :

BNA_F

ClientSampleId :

B103-01

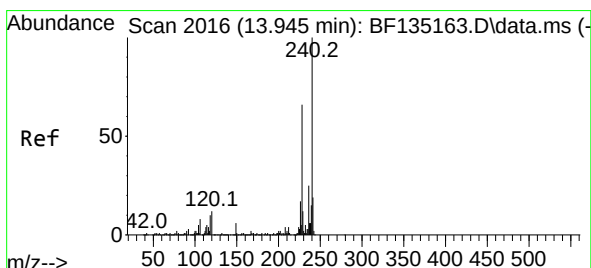
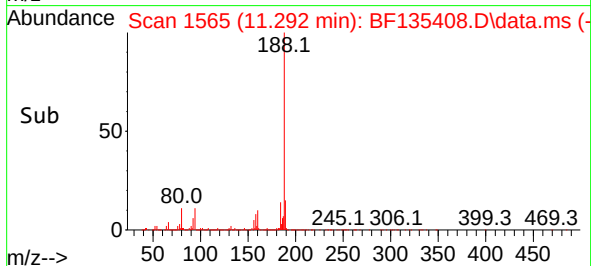
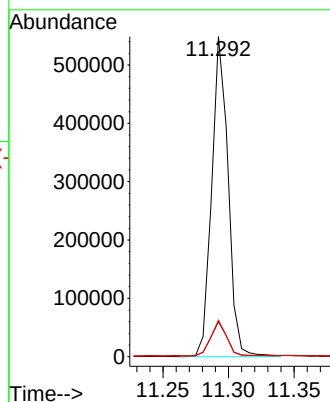
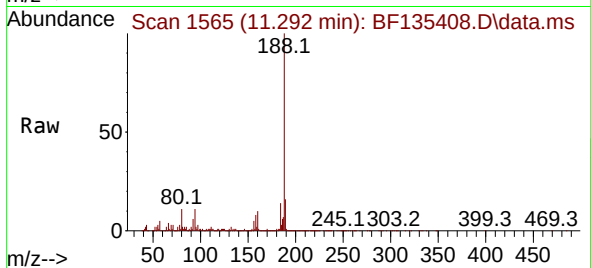
Tgt Ion:188 Resp: 478276

Ion Ratio Lower Upper

188 100

94 10.9 7.0 10.6#

80 11.4 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF135408.D

Acq: 22 Sep 2023 19:41

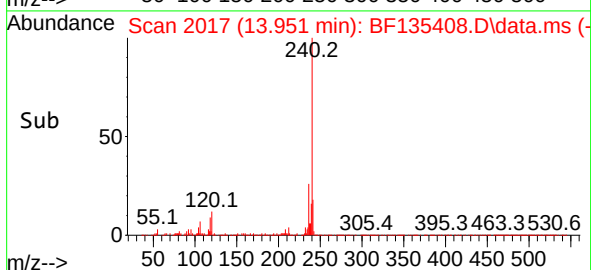
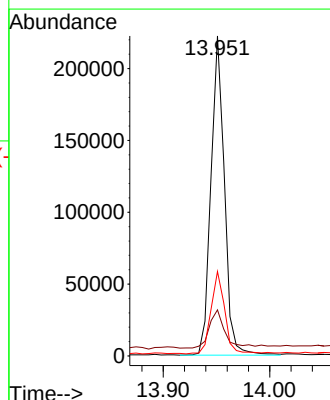
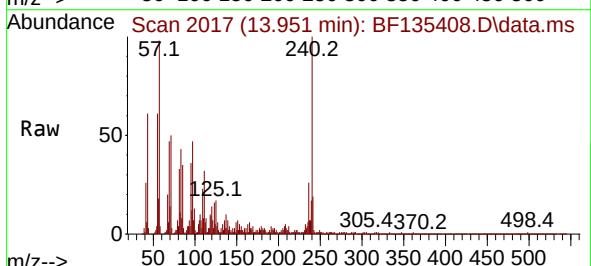
Tgt Ion:240 Resp: 195873

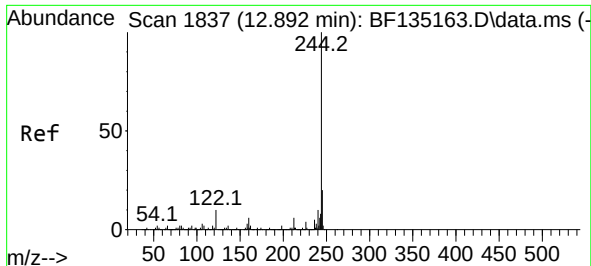
Ion Ratio Lower Upper

240 100

120 14.4 9.4 14.2#

236 26.4 19.8 29.8

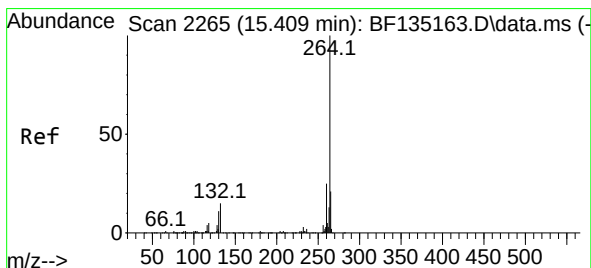
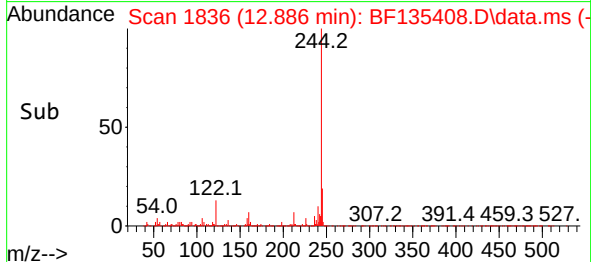
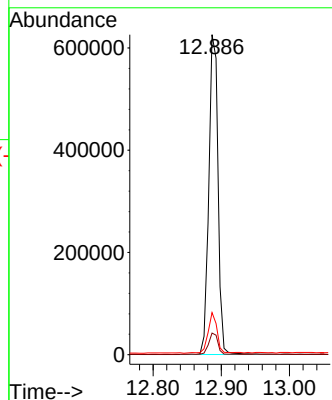
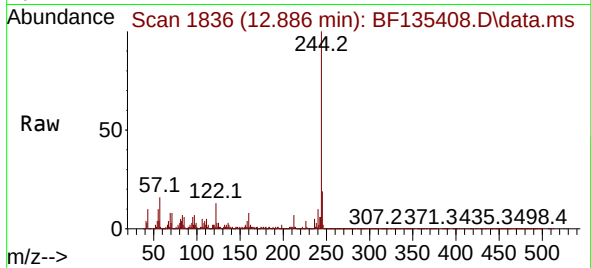




#79
 Terphenyl-d14
 Concen: 46.468 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135408.D
 Acq: 22 Sep 2023 19:41

Instrument :
 BNA_F
 ClientSampleId :
 B103-01

Tgt Ion:244 Resp: 587148
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 13.2 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.012 min
 Lab File: BF135408.D
 Acq: 22 Sep 2023 19:41

Tgt Ion:264 Resp: 259204
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.6
 265 22.7 17.0 25.4

