

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135197.D
 Acq On : 12 Sep 2023 23:41
 Operator : CG\JU
 Sample : 04338-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3

Quant Time: Sep 13 02:48:31 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	104659	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	402150	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	212357	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	431445	20.000	ng	0.00
76) Chrysene-d12	13.939	240	243614	20.000	ng	0.00
86) Perylene-d12	15.404	264	222340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	712171	110.674	ng	0.01
7) Phenol-d6	6.404	99	920087	112.449	ng	0.00
23) Nitrobenzene-d5	7.328	82	565689	76.423	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	269846	127.870	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1066732	75.788	ng	0.00
79) Terphenyl-d14	12.886	244	1192390	75.875	ng	0.00

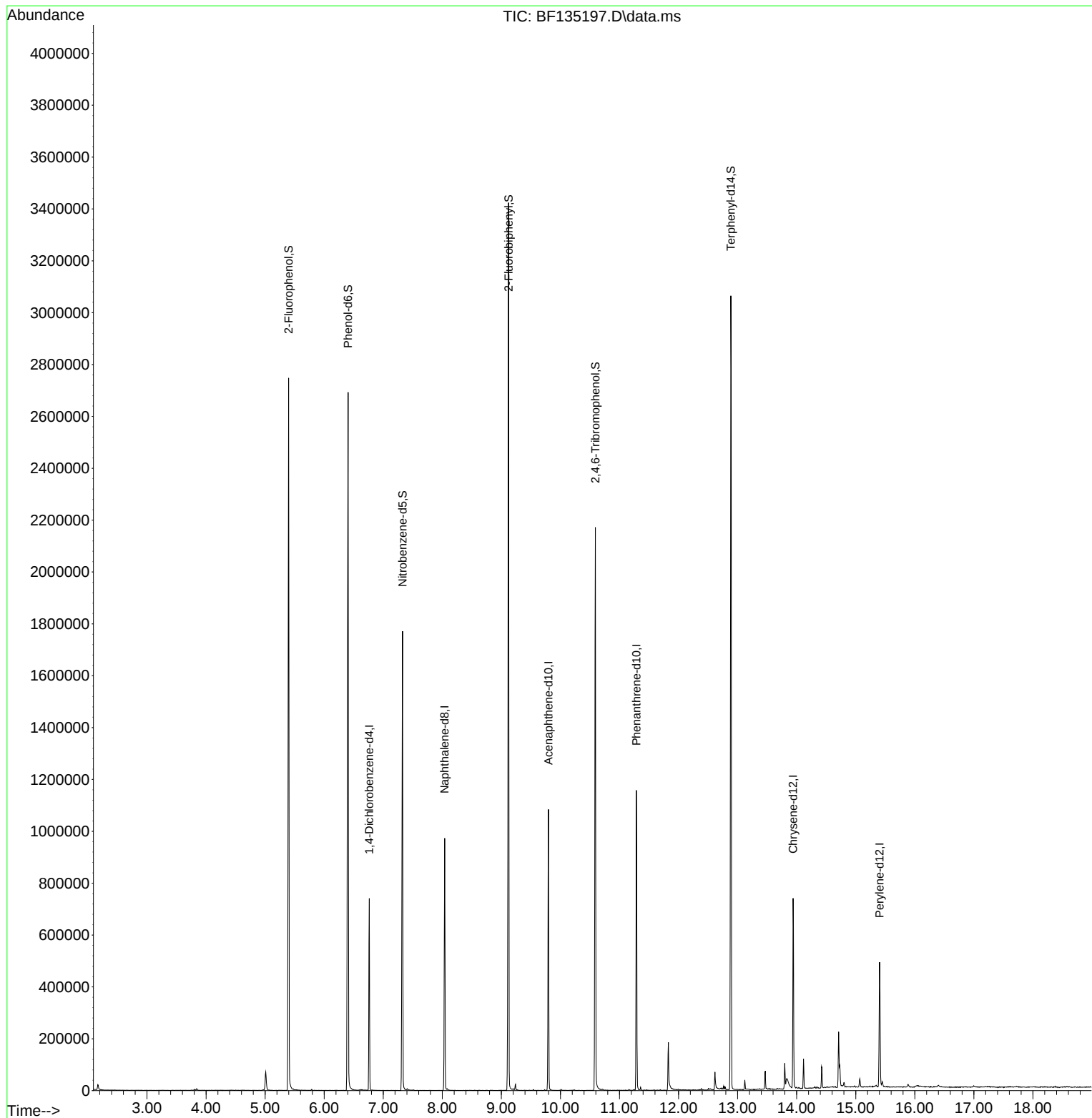
Target Compounds	Qvalue

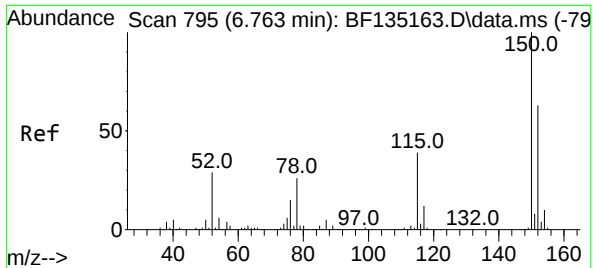
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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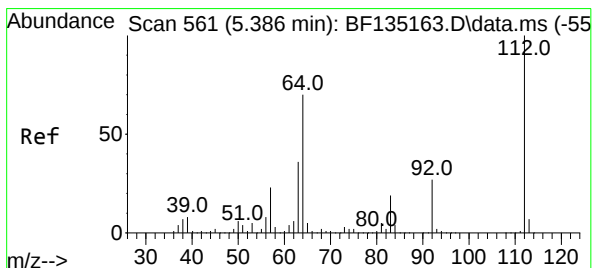
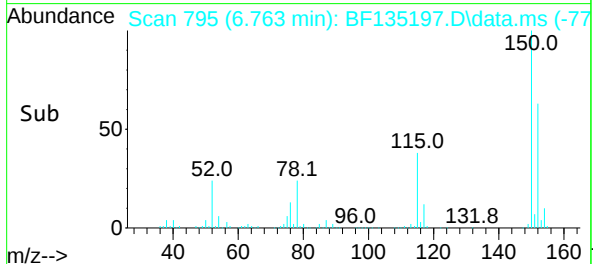
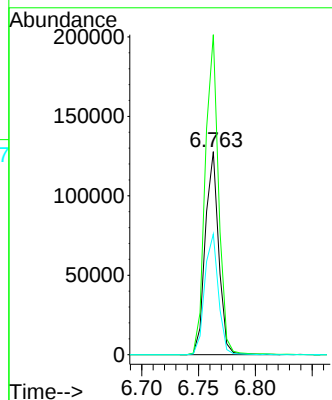
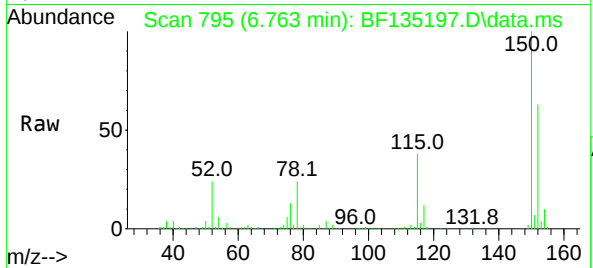




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135197.D
Acq: 12 Sep 2023 23:41

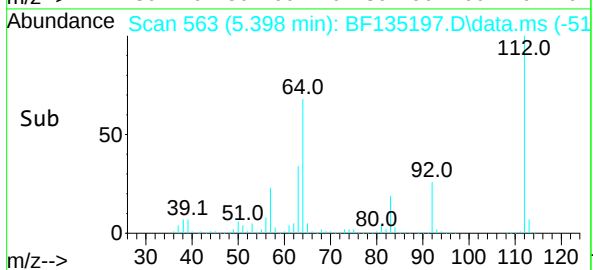
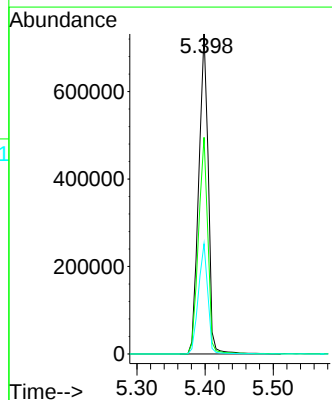
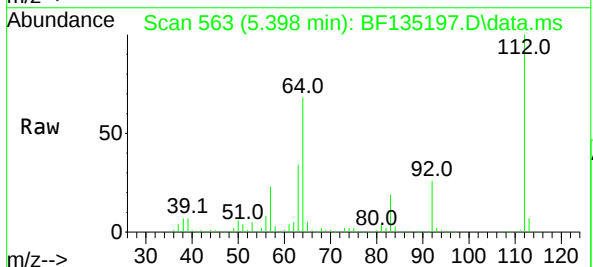
Instrument :
BNA_F
ClientSampleId :
TP3

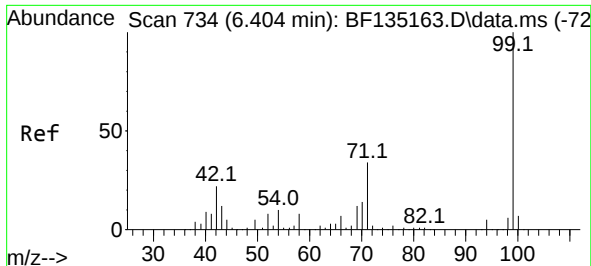
Tgt Ion:152 Resp: 104659
Ion Ratio Lower Upper
152 100
150 157.6 127.8 191.6
115 59.5 49.8 74.8



#5
2-Fluorophenol
Concen: 110.674 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135197.D
Acq: 12 Sep 2023 23:41

Tgt Ion:112 Resp: 712171
Ion Ratio Lower Upper
112 100
64 67.7 55.9 83.9
63 34.5 29.0 43.6





#7

Phenol-d6

Concen: 112.449 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135197.D

Acq: 12 Sep 2023 23:41

Instrument :

BNA_F

ClientSampleId :

TP3

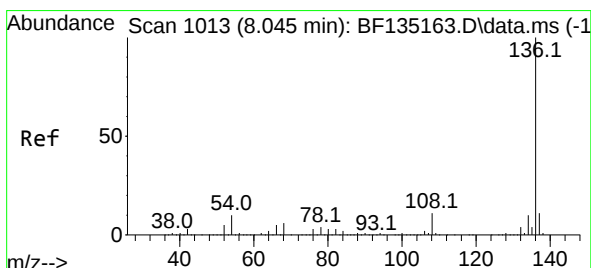
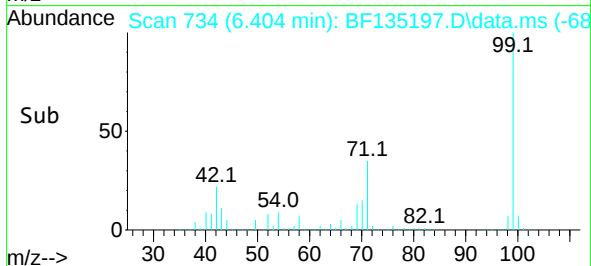
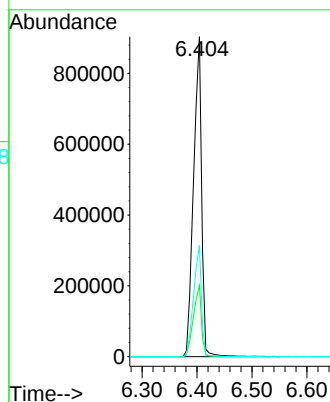
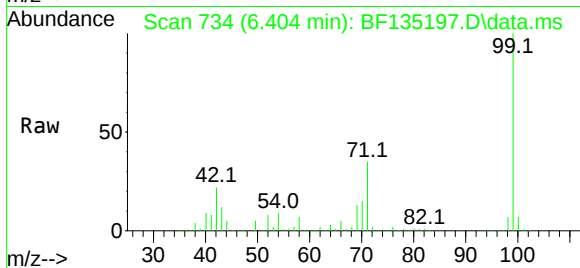
Tgt Ion: 99 Resp: 920087

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

71 34.7 27.0 40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.039 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF135197.D

Acq: 12 Sep 2023 23:41

Tgt Ion: 136 Resp: 402150

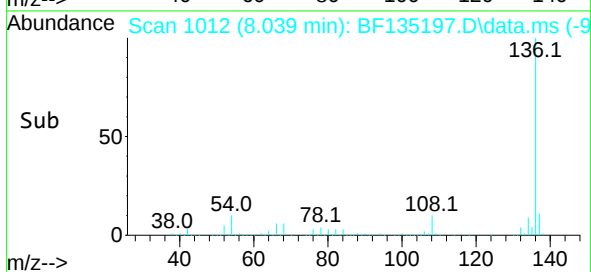
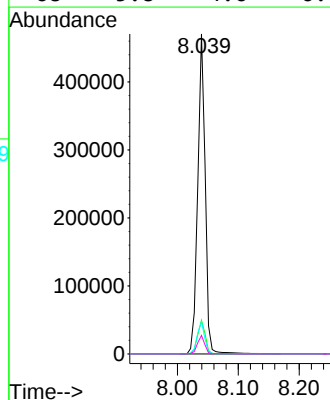
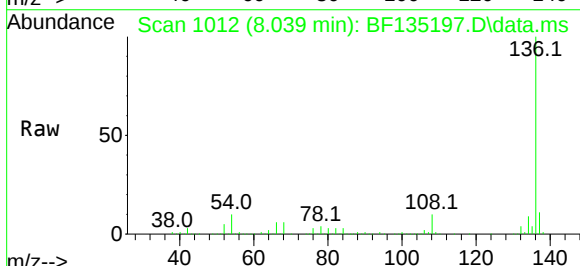
Ion Ratio Lower Upper

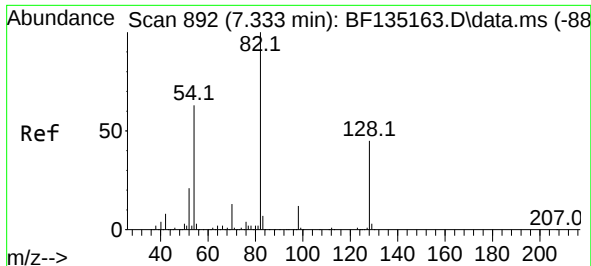
136 100

137 10.6 8.8 13.2

54 10.2 7.7 11.5

68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 76.423 ng

RT: 7.328 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF135197.D

Acq: 12 Sep 2023 23:41

Instrument :

BNA_F

ClientSampleId :

TP3

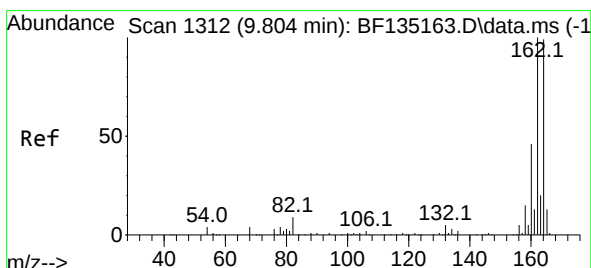
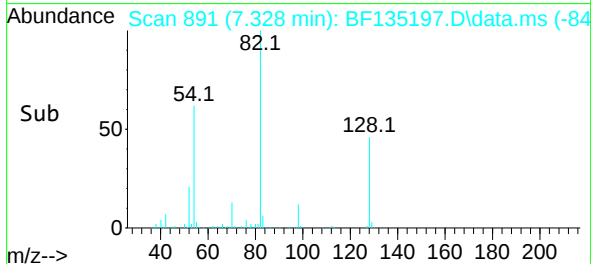
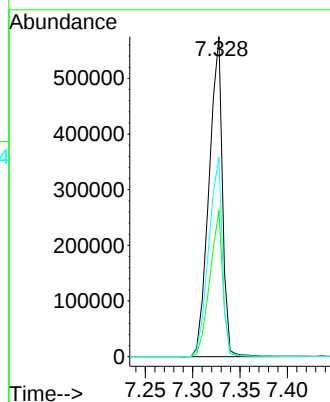
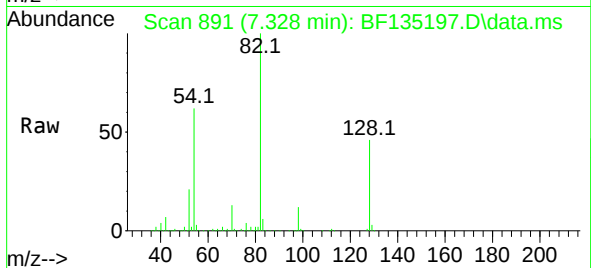
Tgt Ion: 82 Resp: 565689

Ion Ratio Lower Upper

82 100

128 45.6 35.8 53.6

54 62.2 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: BF135197.D

Acq: 12 Sep 2023 23:41

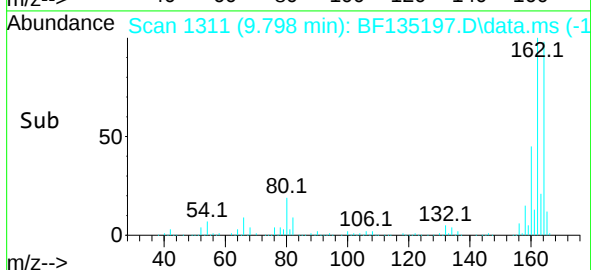
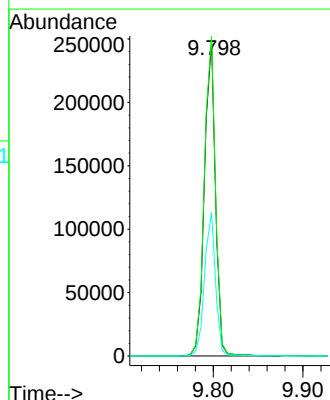
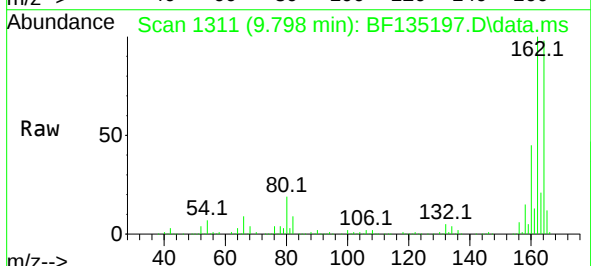
Tgt Ion: 164 Resp: 212357

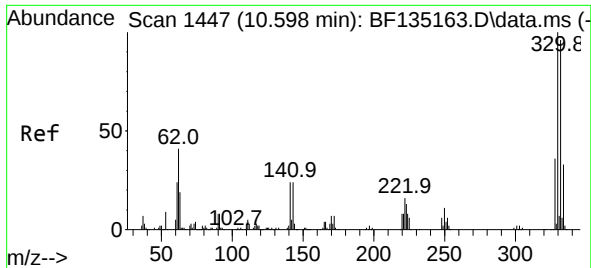
Ion Ratio Lower Upper

164 100

162 101.6 81.0 121.4

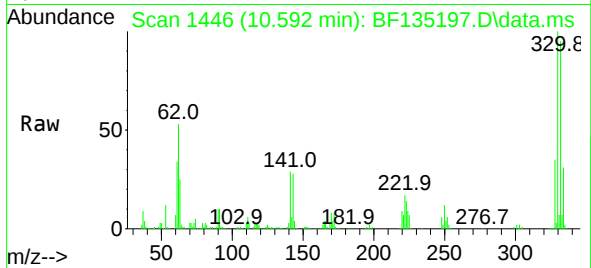
160 45.6 37.0 55.4



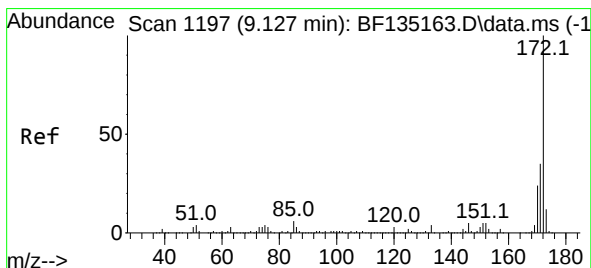
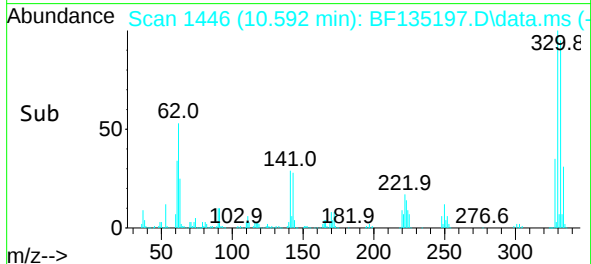
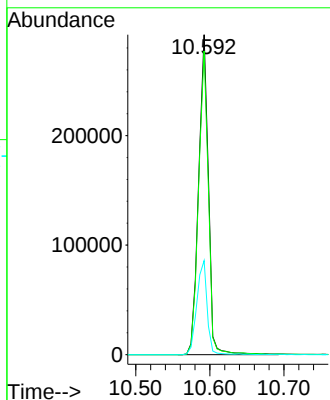


#42
2,4,6-Tribromophenol
Concen: 127.870 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135197.D
Acq: 12 Sep 2023 23:41

Instrument :
BNA_F
ClientSampleId :
TP3

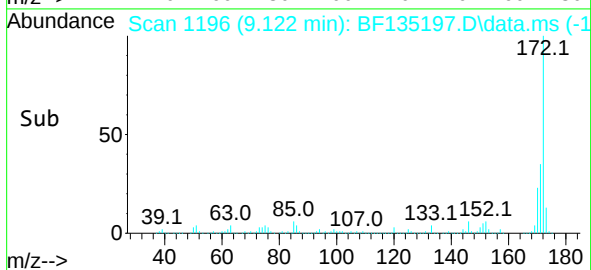
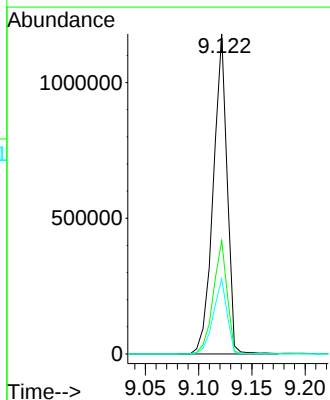
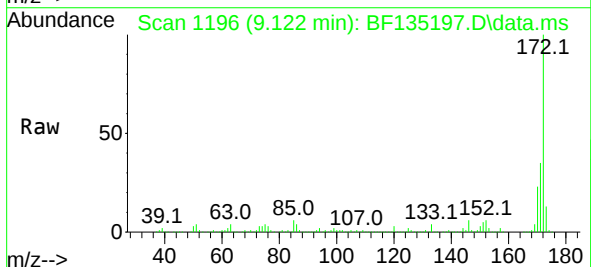


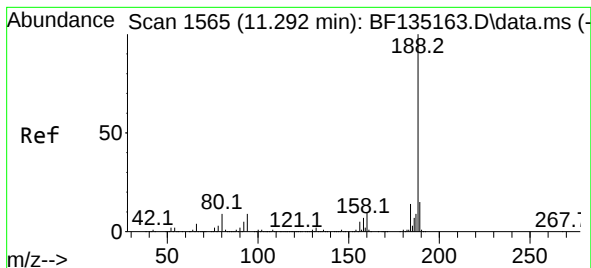
Tgt Ion: 330 Resp: 269846
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 31.0 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 75.788 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135197.D
Acq: 12 Sep 2023 23:41

Tgt Ion: 172 Resp: 1066732
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135197.D

Acq: 12 Sep 2023 23:41

Instrument :

BNA_F

ClientSampleId :

TP3

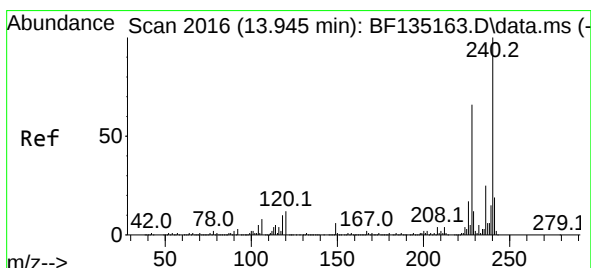
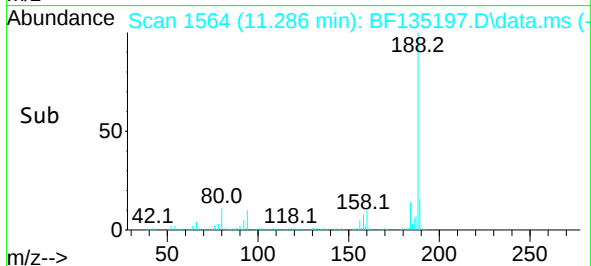
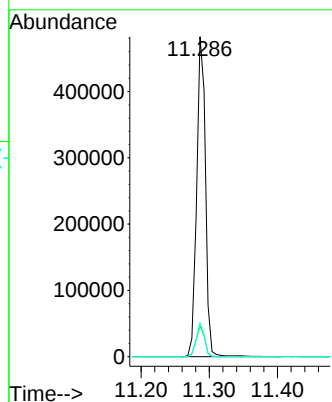
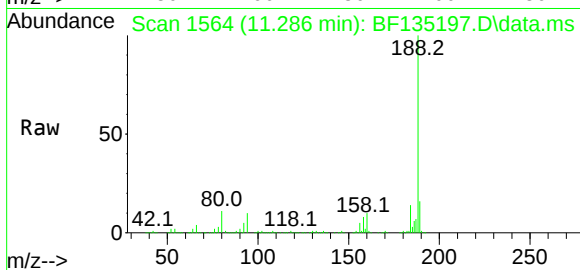
Tgt Ion:188 Resp: 431445

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

80 10.6 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF135197.D

Acq: 12 Sep 2023 23:41

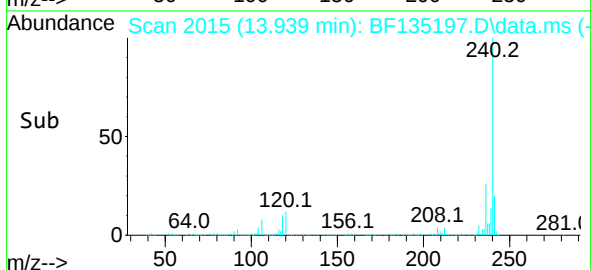
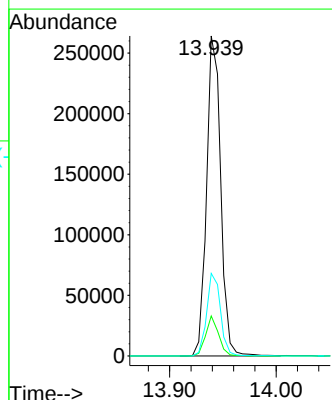
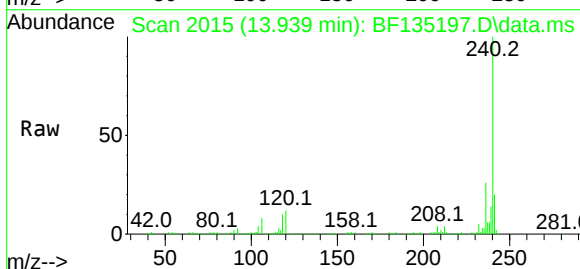
Tgt Ion:240 Resp: 243614

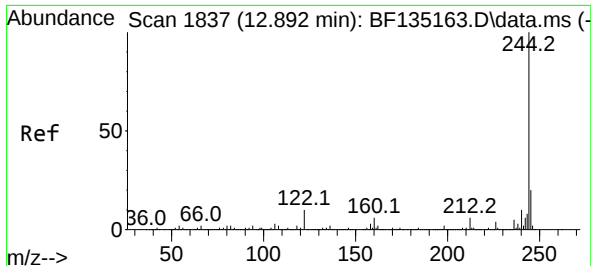
Ion Ratio Lower Upper

240 100

120 12.5 9.4 14.2

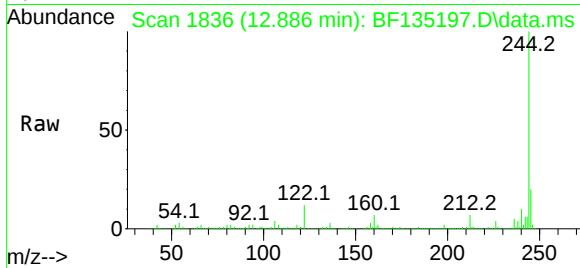
236 25.8 19.8 29.8



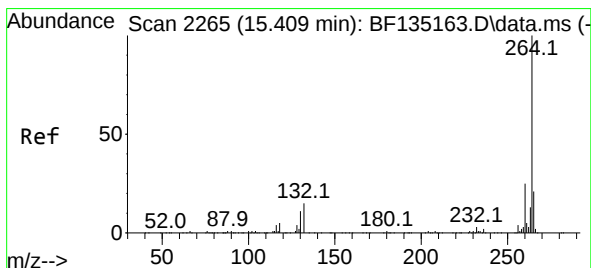
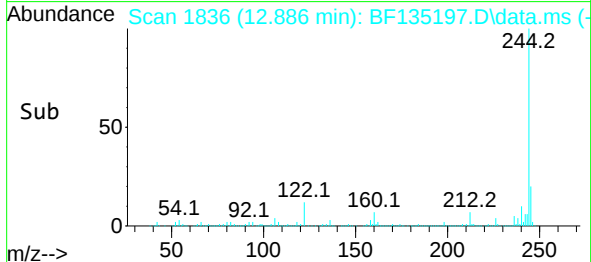
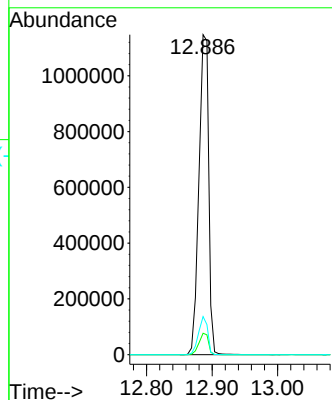


#79
 Terphenyl-d14
 Concen: 75.875 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135197.D
 Acq: 12 Sep 2023 23:41

Instrument :
 BNA_F
 ClientSampleId :
 TP3



Tgt Ion:244 Resp: 1192390
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 11.9 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF135197.D
 Acq: 12 Sep 2023 23:41

Tgt Ion:264 Resp: 222340
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.8 29.6
 265 21.5 17.0 25.4

