

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135251.D
 Acq On : 14 Sep 2023 13:33
 Operator : CG\JU
 Sample : PB155300TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155300TB

Quant Time: Sep 15 01:08:01 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	125567	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	487112	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	258573	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	524972	20.000	ng	0.00
76) Chrysene-d12	13.945	240	284539	20.000	ng	0.00
86) Perylene-d12	15.416	264	263571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	952013	123.313	ng	0.02
7) Phenol-d6	6.410	99	1190930	121.315	ng	0.00
23) Nitrobenzene-d5	7.328	82	767929	85.650	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	339803	132.240	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1393142	81.287	ng	0.00
79) Terphenyl-d14	12.898	244	1533210	83.531	ng	0.00

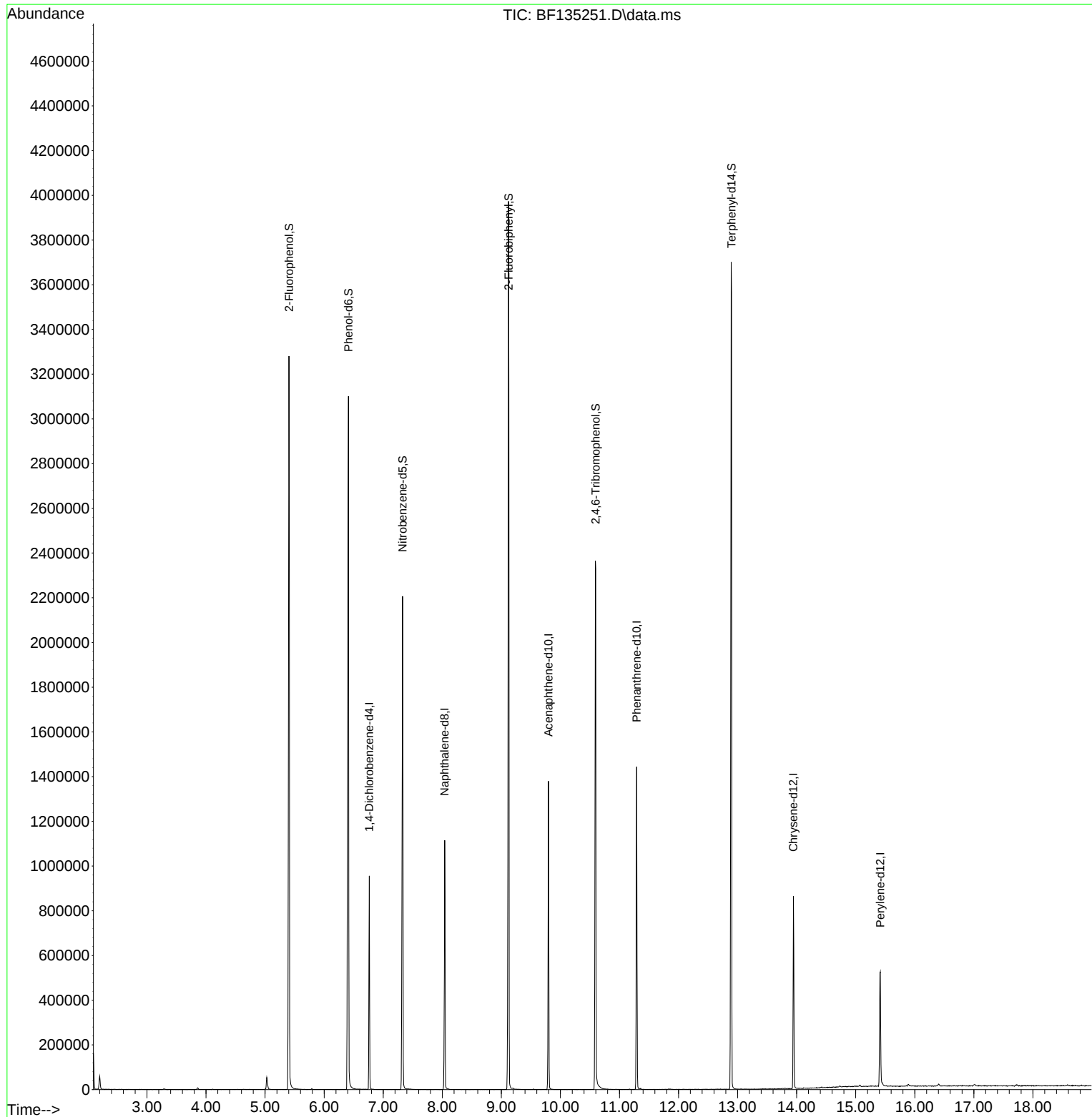
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
Data File : BF135251.D
Acq On : 14 Sep 2023 13:33
Operator : CG\JU
Sample : PB155300TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB155300TB

Quant Time: Sep 15 01:08:01 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

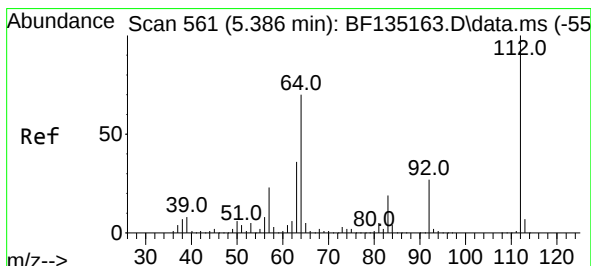
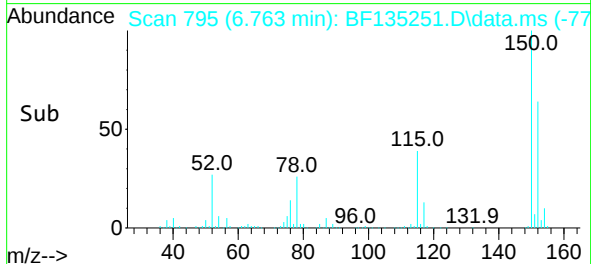
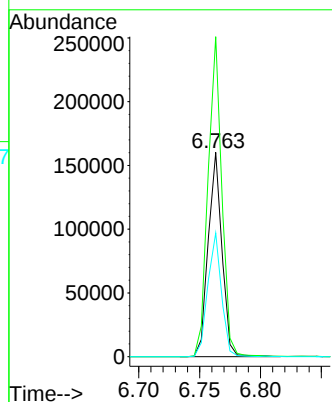
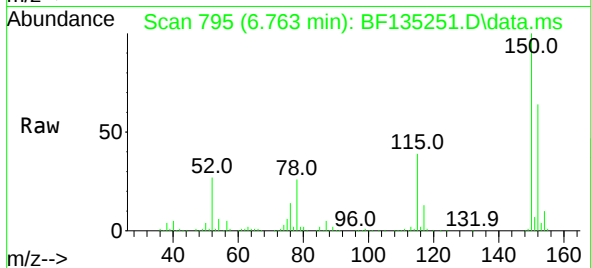




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135251.D
Acq: 14 Sep 2023 13:33

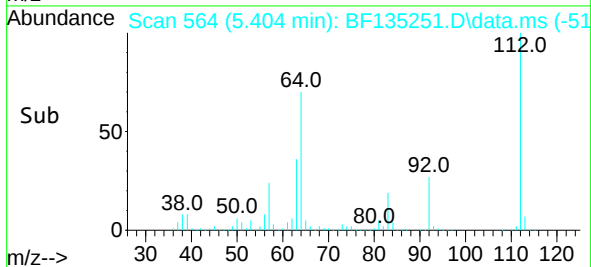
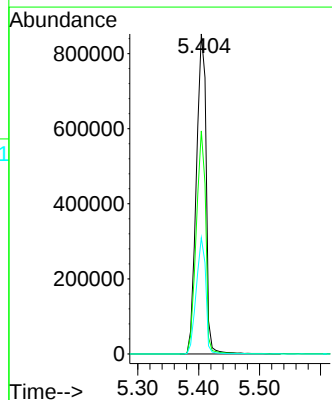
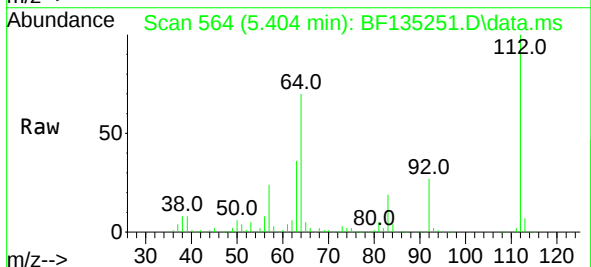
Instrument :
BNA_F
ClientSampleId :
PB155300TB

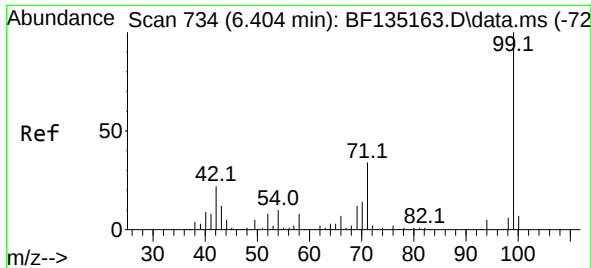
Tgt Ion:152 Resp: 125567
Ion Ratio Lower Upper
152 100
150 156.7 127.8 191.6
115 60.6 49.8 74.8



#5
2-Fluorophenol
Concen: 123.313 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135251.D
Acq: 14 Sep 2023 13:33

Tgt Ion:112 Resp: 952013
Ion Ratio Lower Upper
112 100
64 69.7 55.9 83.9
63 36.3 29.0 43.6

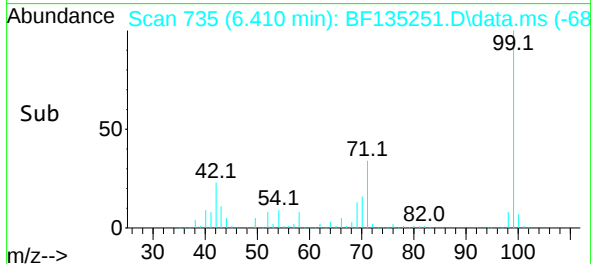
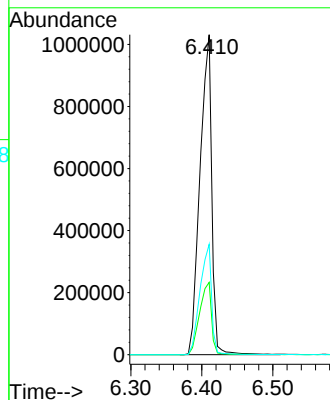
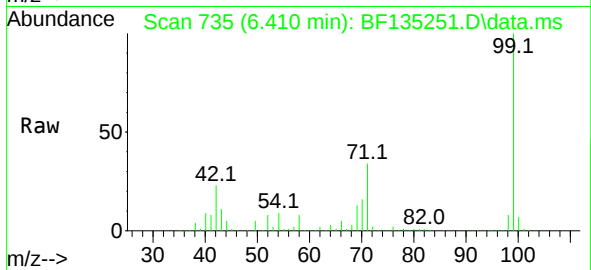




#7
Phenol-d6
Concen: 121.315 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135251.D
Acq: 14 Sep 2023 13:33

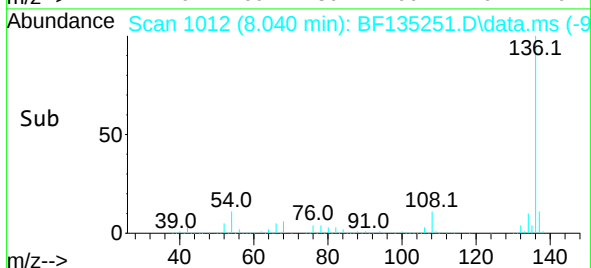
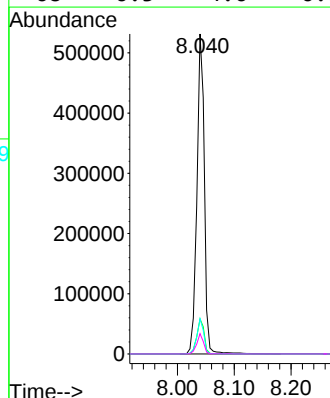
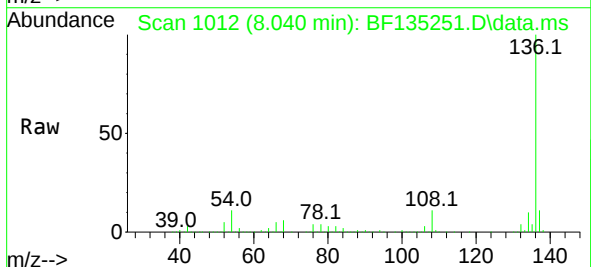
Instrument :
BNA_F
ClientSampleId :
PB155300TB

Tgt Ion: 99 Resp: 1190930
Ion Ratio Lower Upper
99 100
42 22.6 17.9 26.9
71 34.5 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: BF135251.D
Acq: 14 Sep 2023 13:33

Tgt Ion: 136 Resp: 487112
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 11.0 7.7 11.5
68 6.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 85.650 ng

RT: 7.328 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF135251.D

Acq: 14 Sep 2023 13:33

Instrument :

BNA_F

ClientSampleId :

PB155300TB

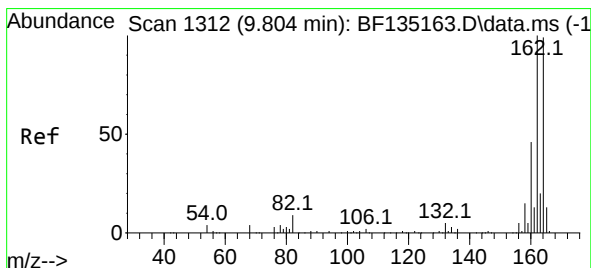
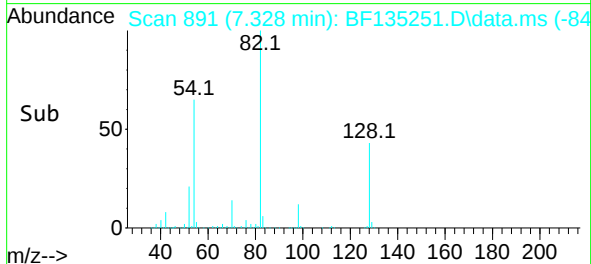
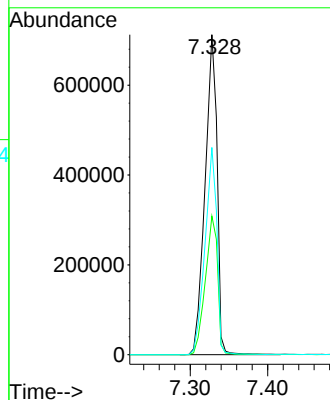
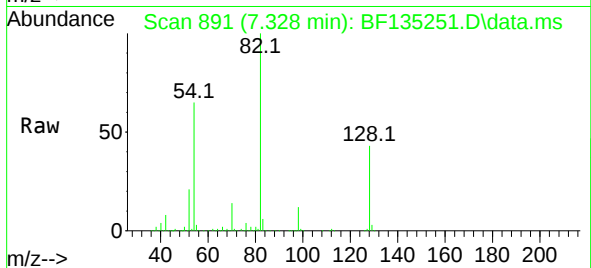
Tgt Ion: 82 Resp: 767929

Ion Ratio Lower Upper

82 100

128 43.3 35.8 53.6

54 64.8 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: BF135251.D

Acq: 14 Sep 2023 13:33

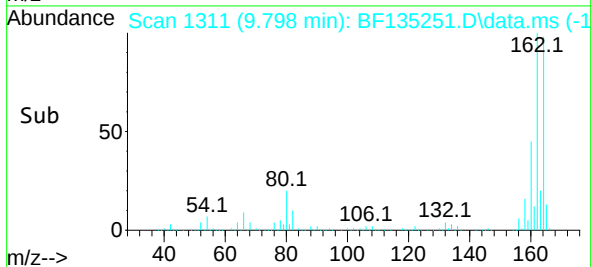
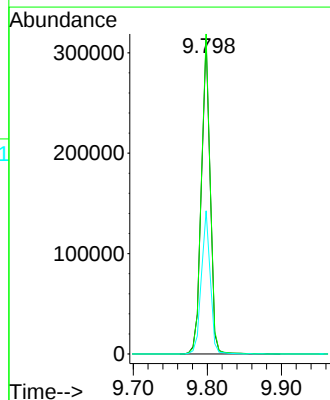
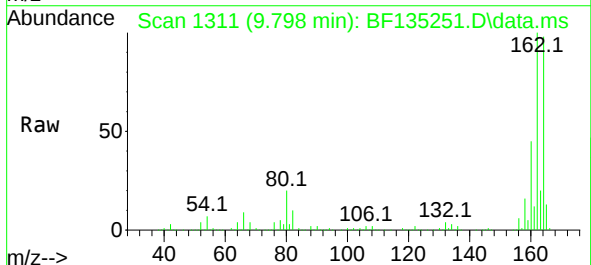
Tgt Ion: 164 Resp: 258573

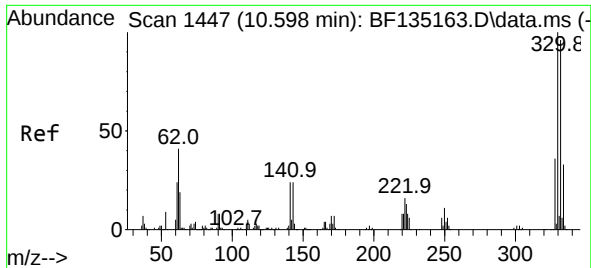
Ion Ratio Lower Upper

164 100

162 101.6 81.0 121.4

160 45.5 37.0 55.4

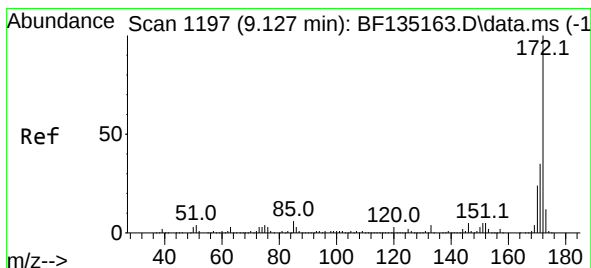
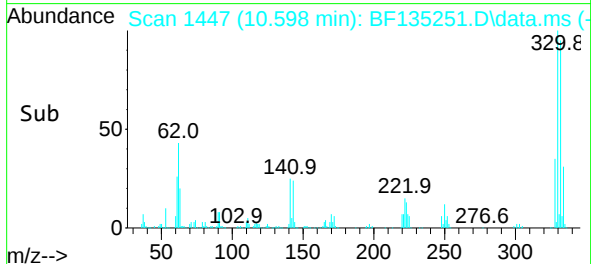
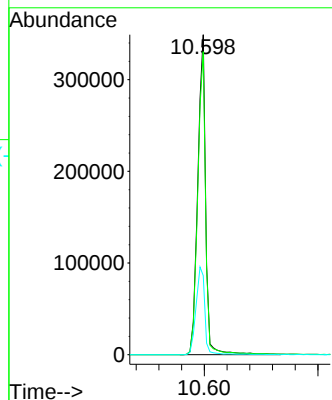
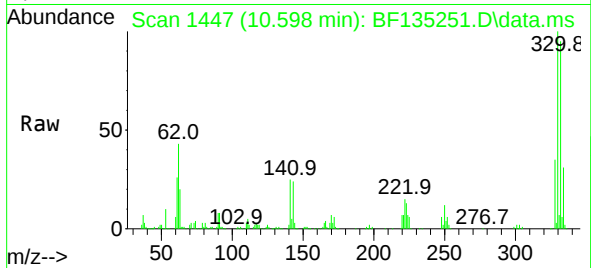




#42
2,4,6-Tribromophenol
Concen: 132.240 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135251.D
Acq: 14 Sep 2023 13:33

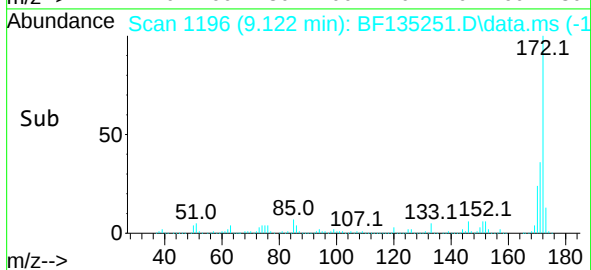
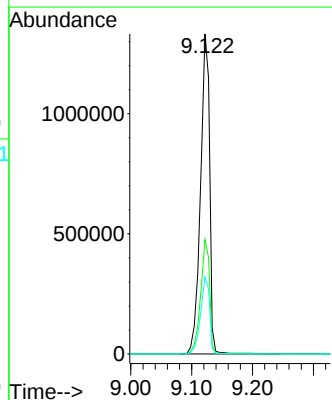
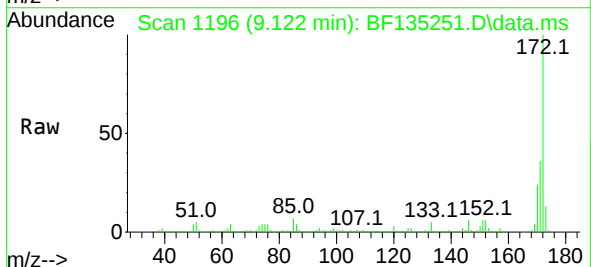
Instrument :
BNA_F
ClientSampleId :
PB155300TB

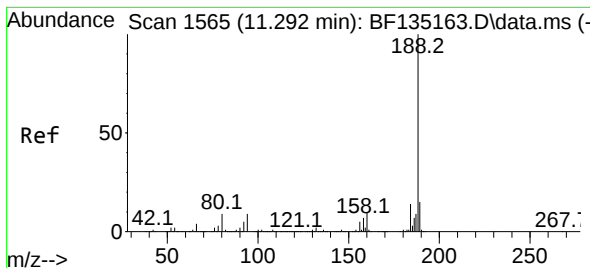
Tgt Ion:330 Resp: 339803
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 30.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 81.287 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135251.D
Acq: 14 Sep 2023 13:33

Tgt Ion:172 Resp: 1393142
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135251.D

Acq: 14 Sep 2023 13:33

Instrument :

BNA_F

ClientSampleId :

PB155300TB

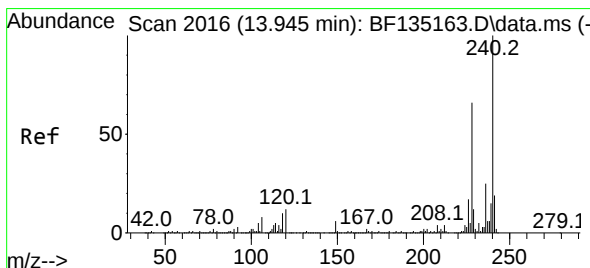
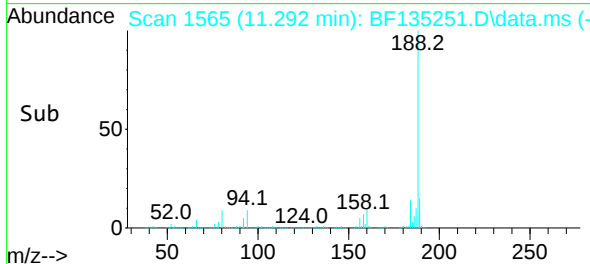
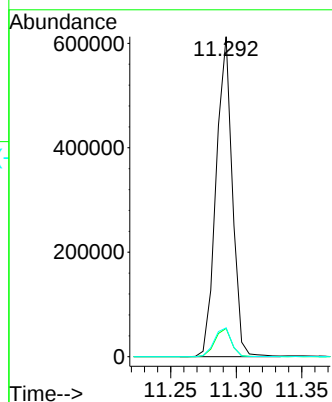
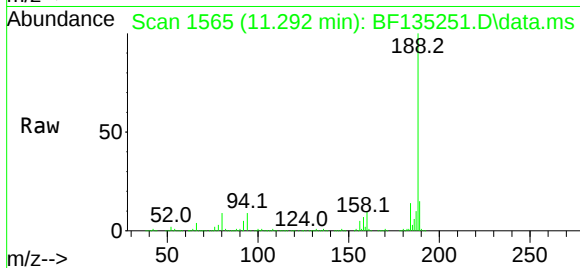
Tgt Ion:188 Resp: 524972

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

80 9.0 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135251.D

Acq: 14 Sep 2023 13:33

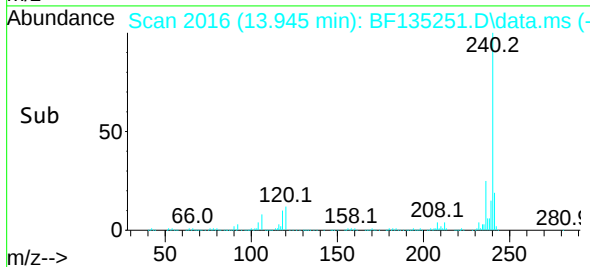
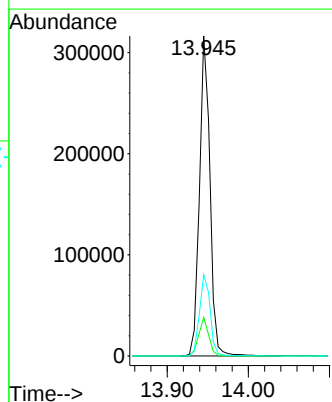
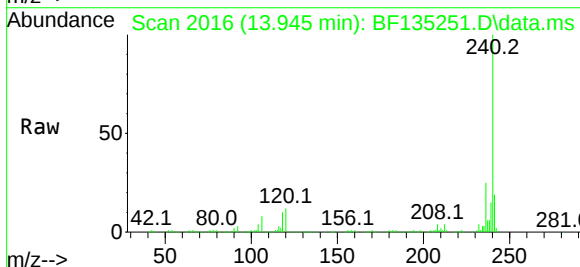
Tgt Ion:240 Resp: 284539

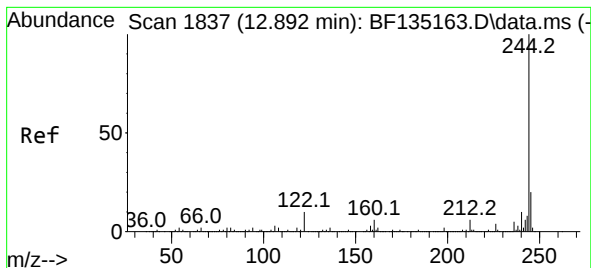
Ion Ratio Lower Upper

240 100

120 12.1 9.4 14.2

236 25.4 19.8 29.8





#79

Terphenyl-d14

Concen: 83.531 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.006 min

Lab File: BF135251.D

Acq: 14 Sep 2023 13:33

Instrument :

BNA_F

ClientSampleId :

PB155300TB

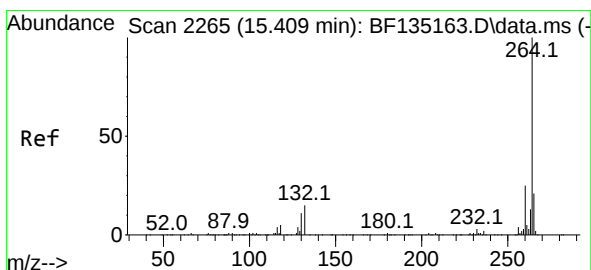
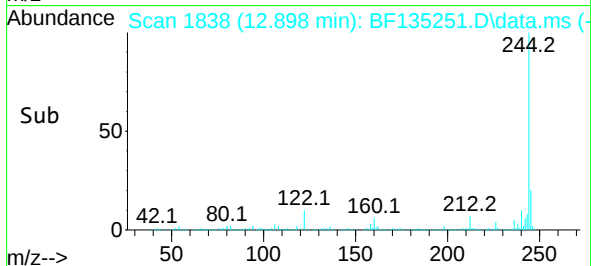
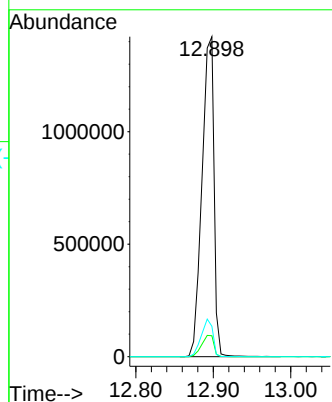
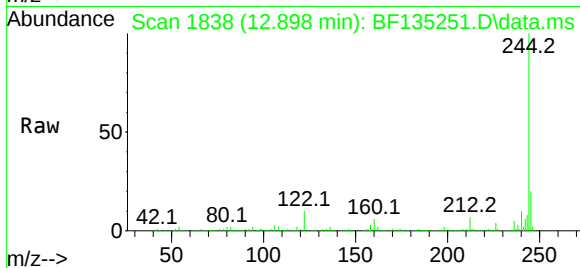
Tgt Ion:244 Resp: 1533210

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 9.5 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.416 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF135251.D

Acq: 14 Sep 2023 13:33

Tgt Ion:264 Resp: 263571

Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.6

265 21.6 17.0 25.4

