

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)

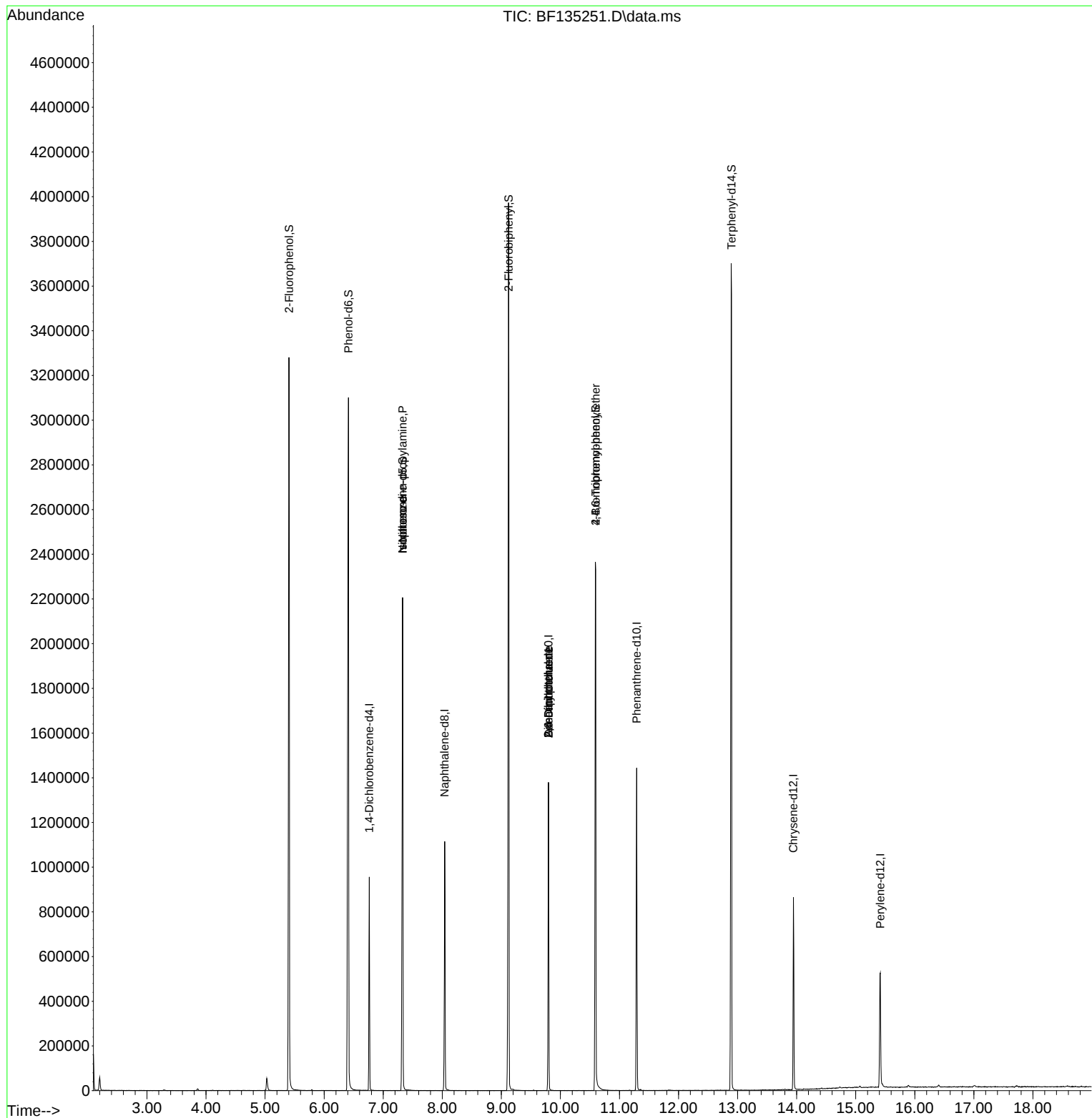
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	125567	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	487112	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	258573	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	524972	20.000	ng	0.00
76) Chrysene-d12	13.945	240	284539	20.000	ng	0.00
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	7.328	70	102992	16.938	ng	# 78
25) Isophorone	7.328	82	763270	46.361	ng	# 65
50) Dimethylphthalate	9.798	163	51147	2.926	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	32756	8.553	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	32756	6.832	ng	# 18
67) 4-Bromophenyl-phenylether	10.598	248	21280	4.076	ng	# 1

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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QLast Update : Tue Sep 12 00:19:07 2023
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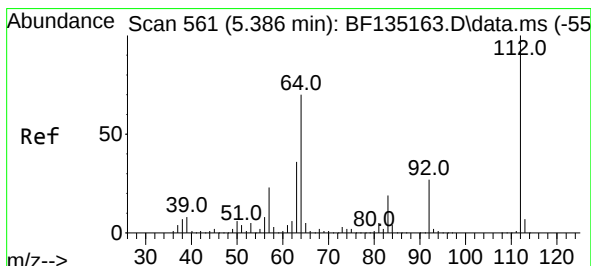
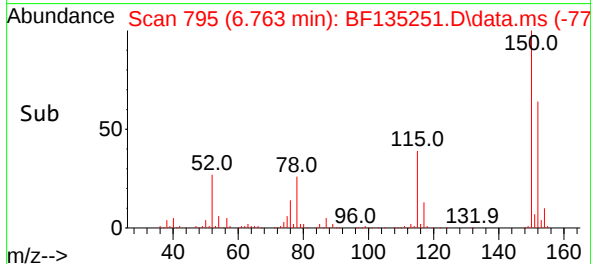
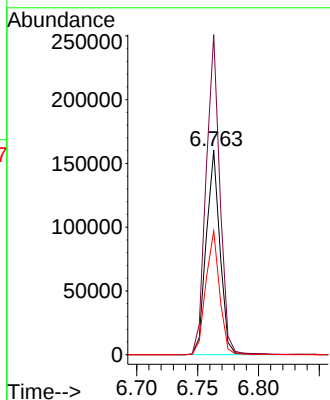
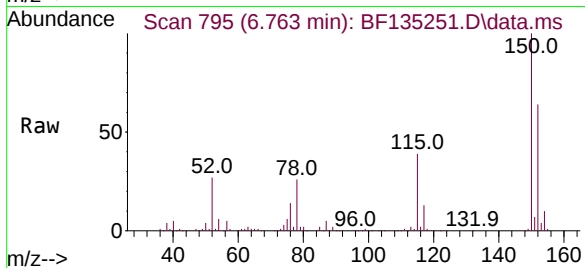




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135251.D
 Acq: 14 Sep 2023 13:33

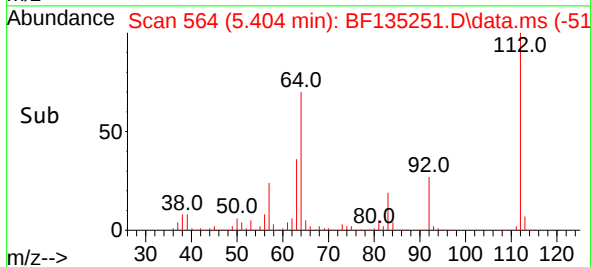
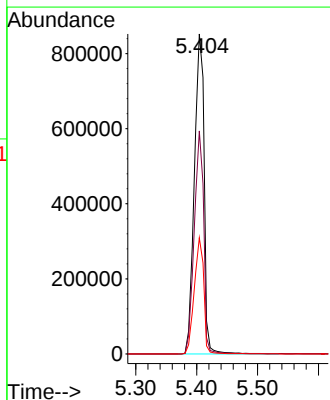
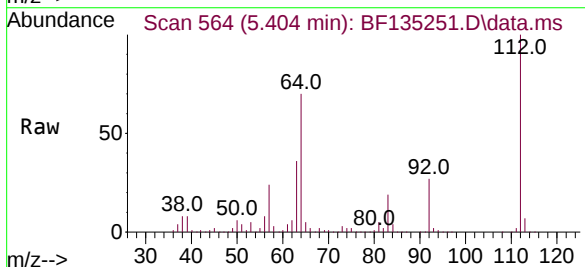
Instrument :
 BNA_F
 ClientSampleId :
 PB155300TB

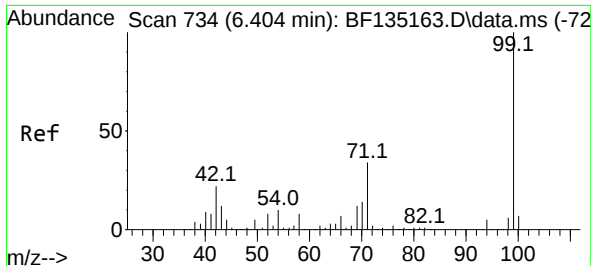
Tgt Ion:152 Resp: 125567
 Ion Ratio Lower Upper
 152 100
 150 156.7 127.8 191.6
 115 60.6 49.8 74.8



#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

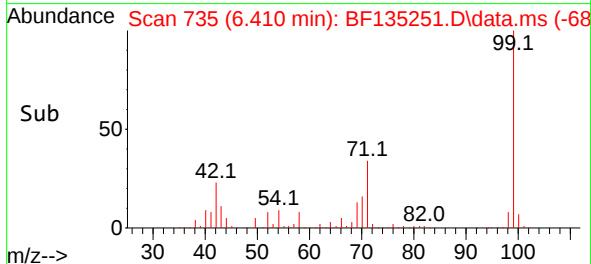
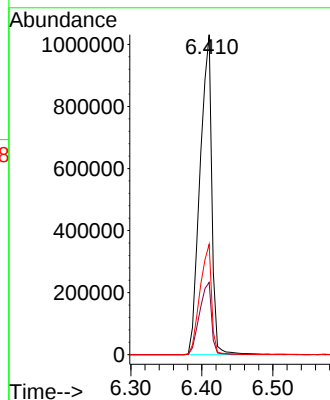
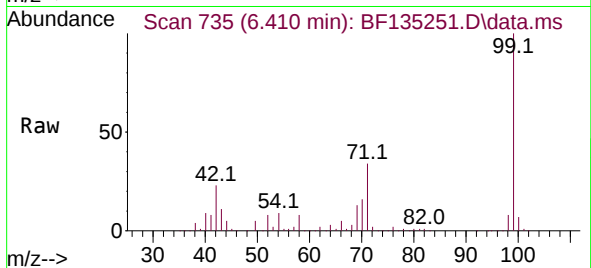




#7
Phenol-d6
Concen: 121.315 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135251.D
Acq: 14 Sep 2023 13:33

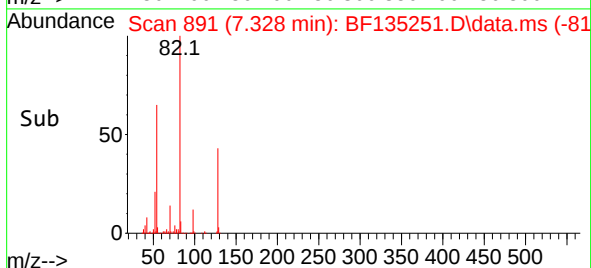
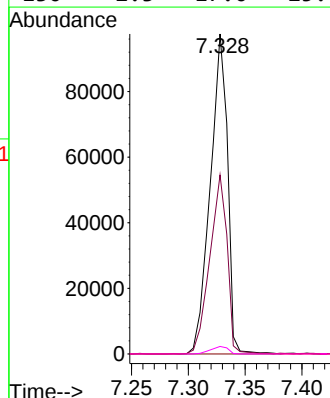
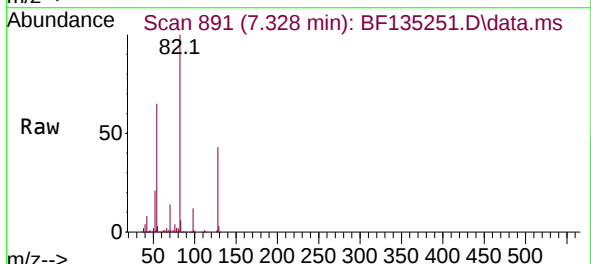
Instrument :
BNA_F
ClientSampleId :
PB155300TB

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



#19
n-Nitroso-di-n-propylamine
Concen: 16.938 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135251.D
Acq: 14 Sep 2023 13:33

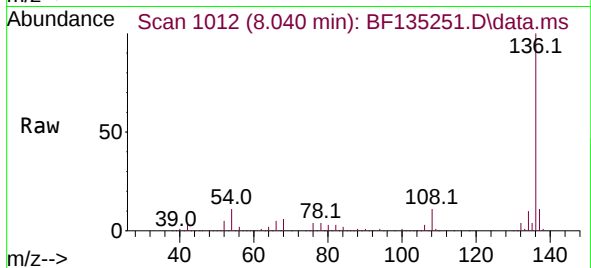
Tgt Ion: 70 Resp: 102992
Ion Ratio Lower Upper
70 100
42 55.9 55.4 83.0
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#



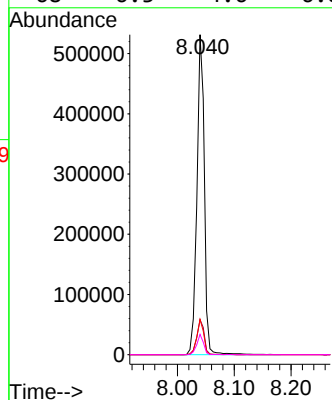
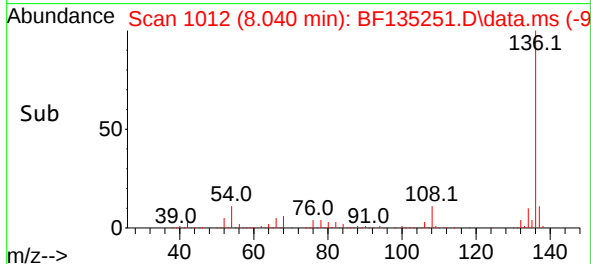


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135251.D
Acq: 14 Sep 2023 13:33

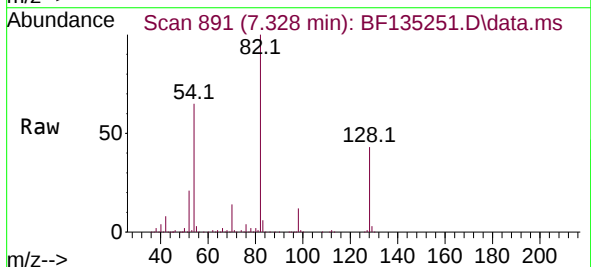
Instrument :
BNA_F
ClientSampleId :
PB155300TB



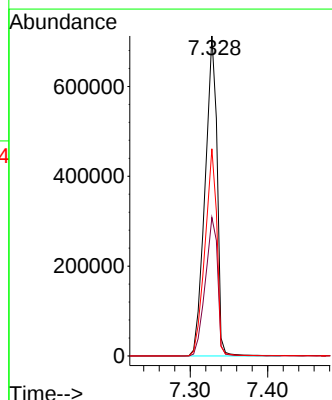
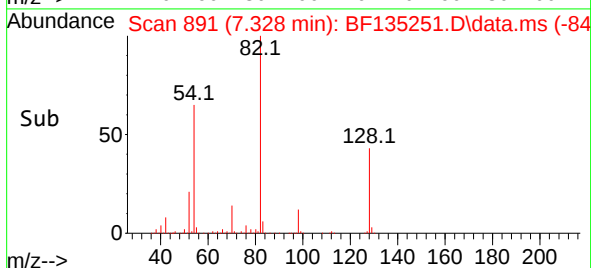
Tgt Ion:136 Resp: 487112
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 11.0 7.7 11.5
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 85.650 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135251.D
Acq: 14 Sep 2023 13:33



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

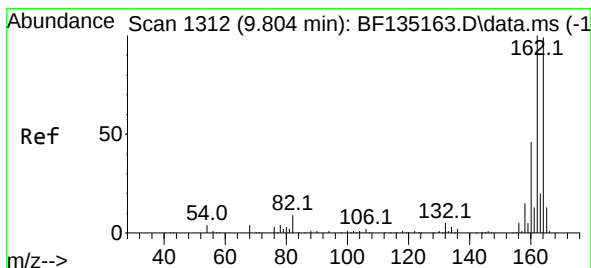
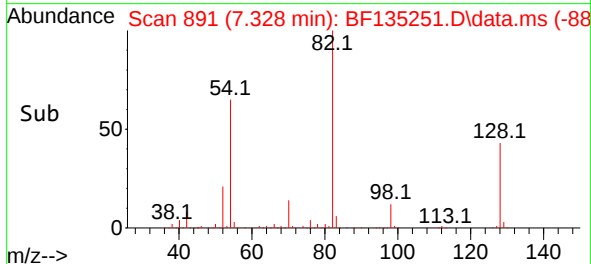
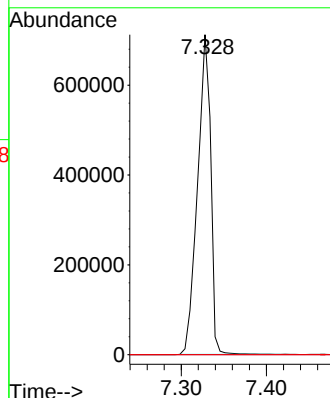
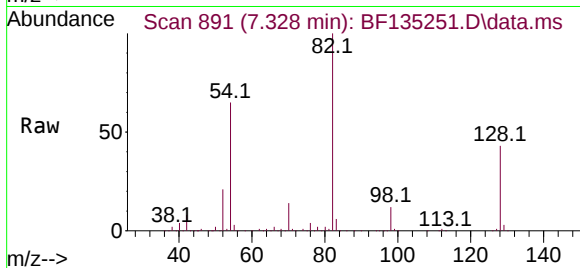




#25
Isophorone
Concen: 46.361 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.264 min
Lab File: BF135251.D
Acq: 14 Sep 2023 13:33

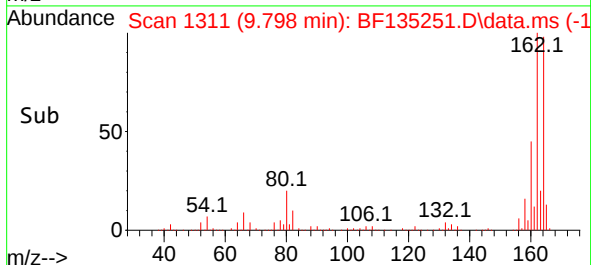
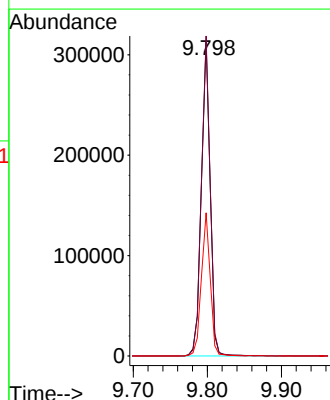
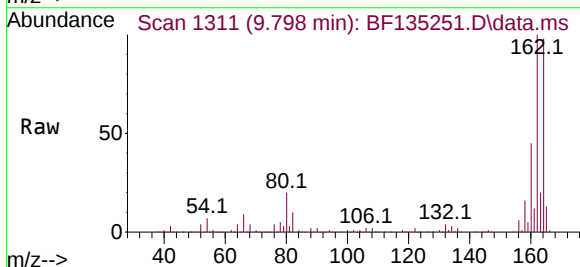
Instrument :
BNA_F
ClientSampleId :
PB155300TB

Tgt Ion: 82 Resp: 763270
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#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

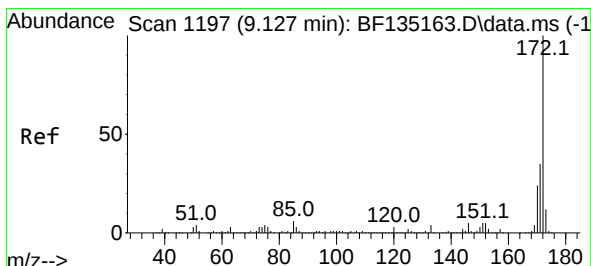
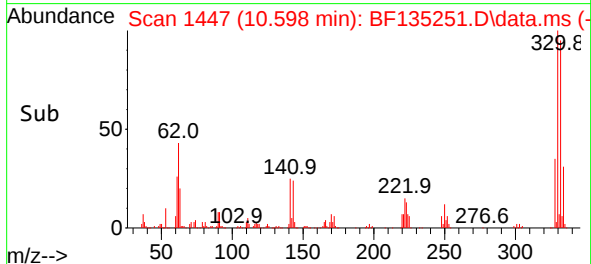
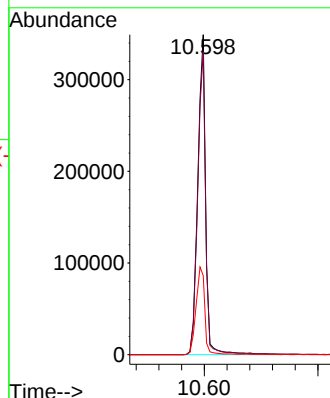
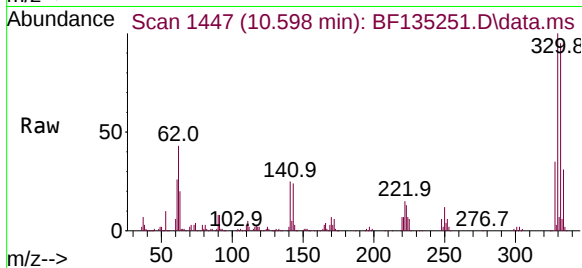
Tgt Ion:330 Resp: 339803

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

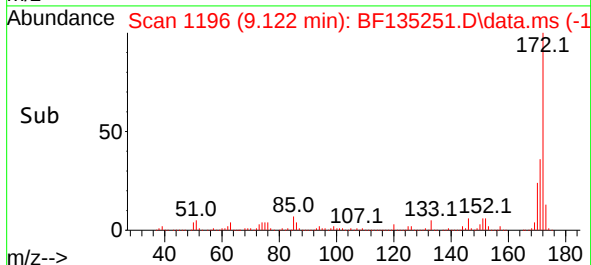
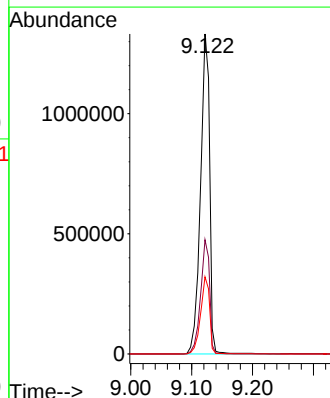
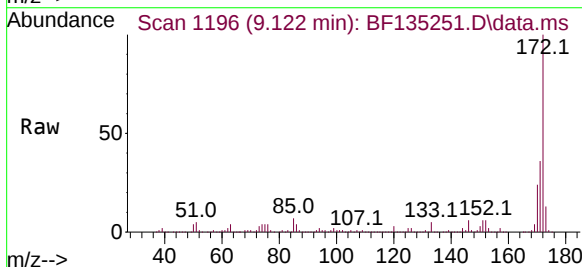
Tgt Ion:172 Resp: 1393142

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.1 19.0 28.4

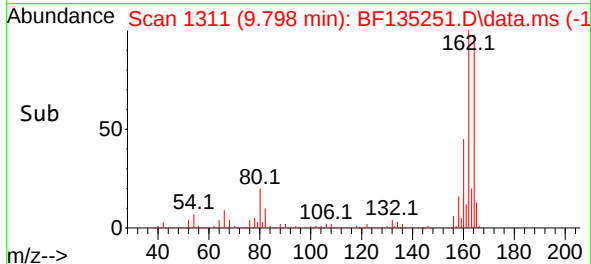
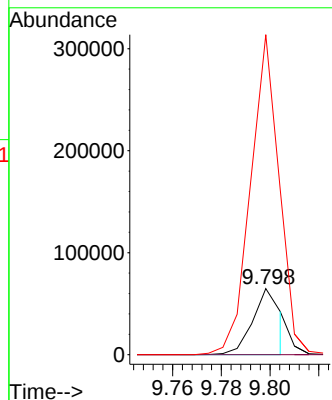
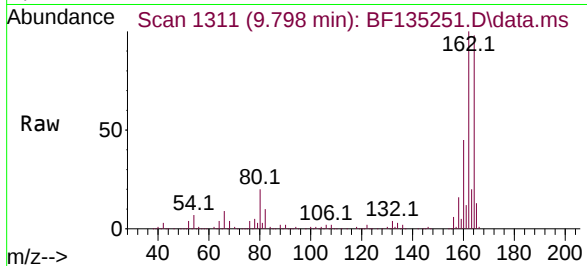




#50
Dimethylphthalate
Concen: 2.926 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF135251.D
Acq: 14 Sep 2023 13:33

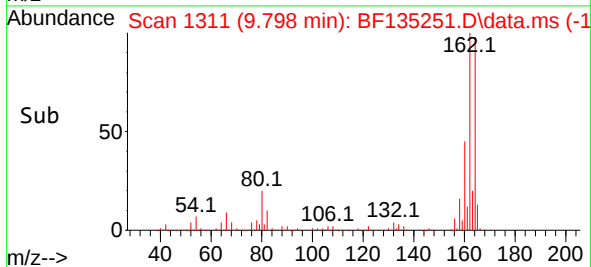
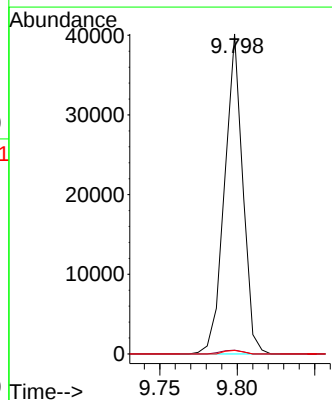
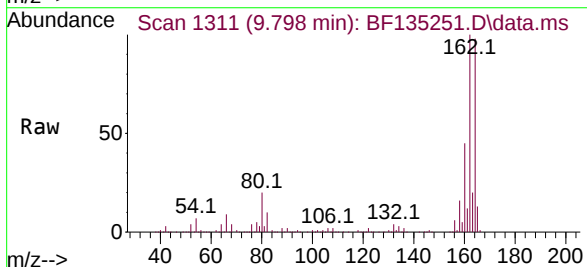
Instrument :
BNA_F
ClientSampleId :
PB155300TB

Tgt Ion:163 Resp: 51147
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 484.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.553 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135251.D
Acq: 14 Sep 2023 13:33

Tgt Ion:165 Resp: 32756
Ion Ratio Lower Upper
165 100
63 1.2 59.4 89.2#
89 1.1 49.8 74.8#

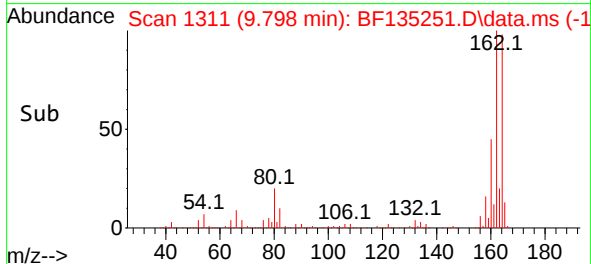
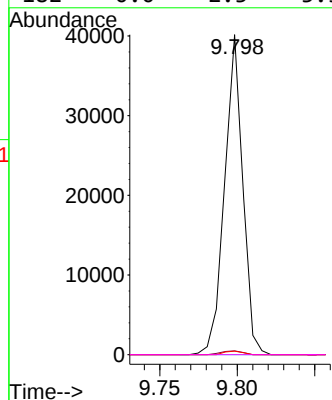
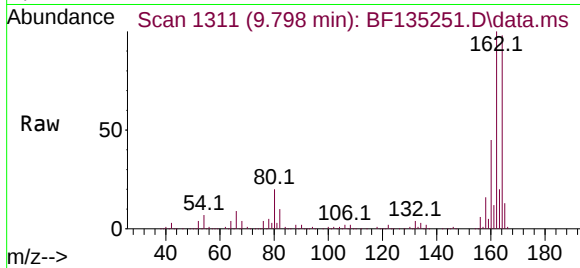




#57
2,4-Dinitrotoluene
Concen: 6.832 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135251.D
Acq: 14 Sep 2023 13:33

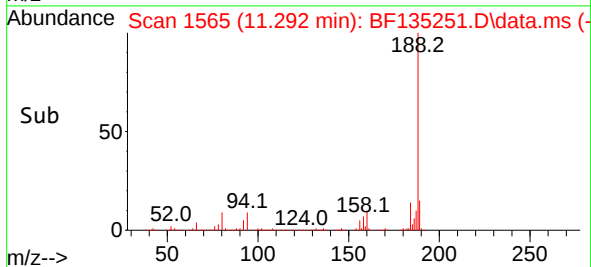
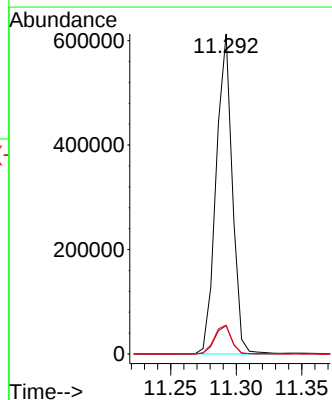
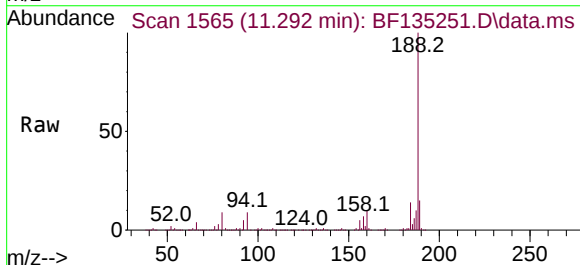
Instrument :
BNA_F
ClientSampleId :
PB155300TB

Tgt Ion:165 Resp: 32756
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 1.1 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135251.D
Acq: 14 Sep 2023 13:33

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

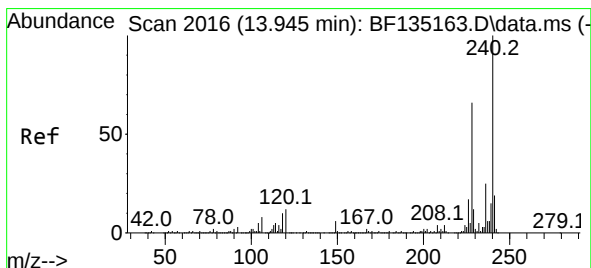
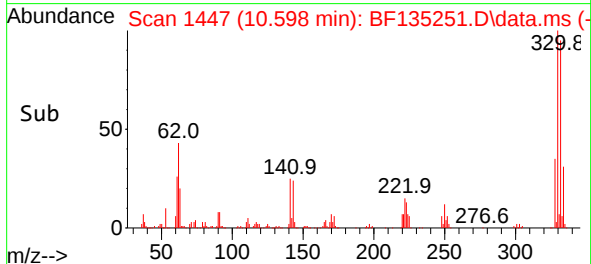
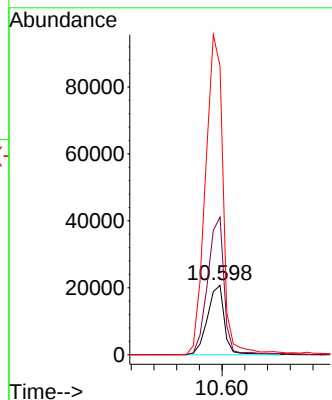
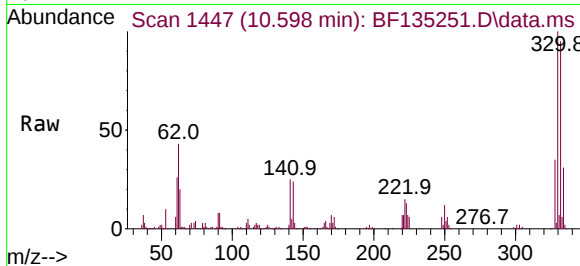




#67
4-Bromophenyl-phenylether
Concen: 4.076 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.241 min
Lab File: BF135251.D
Acq: 14 Sep 2023 13:33

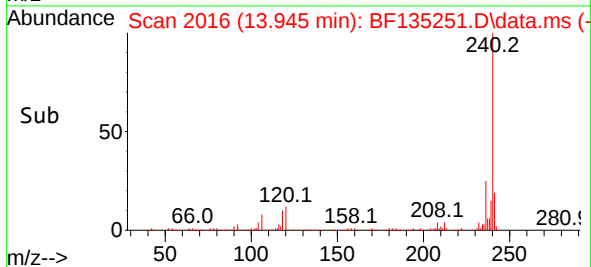
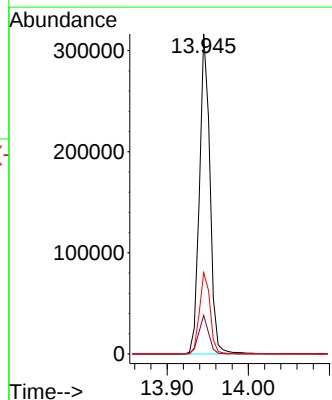
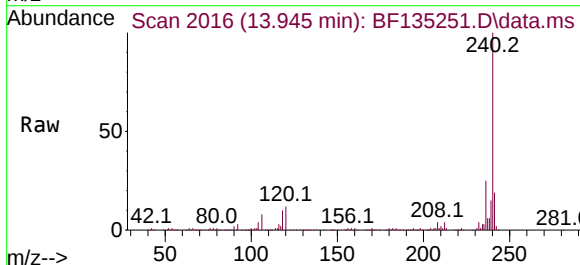
Instrument :
BNA_F
ClientSampleId :
PB155300TB

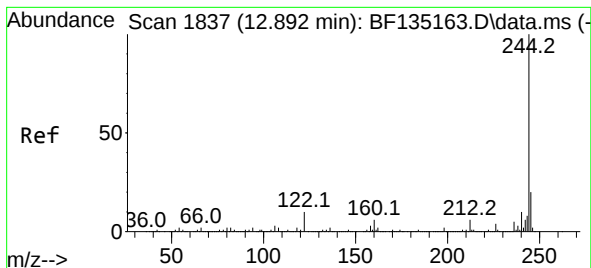
Tgt Ion:248 Resp: 21280
Ion Ratio Lower Upper
248 100
250 198.4 78.6 117.8#
141 416.0 54.2 81.2#



#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

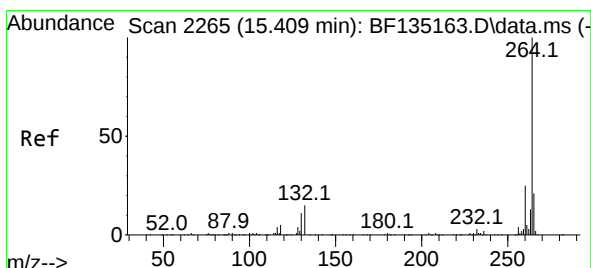
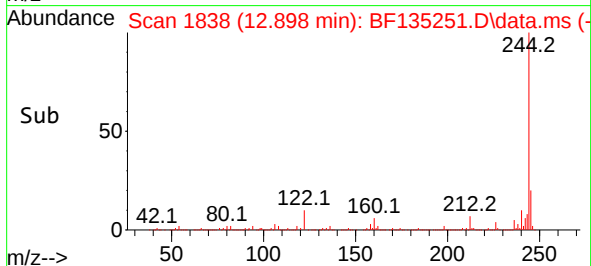
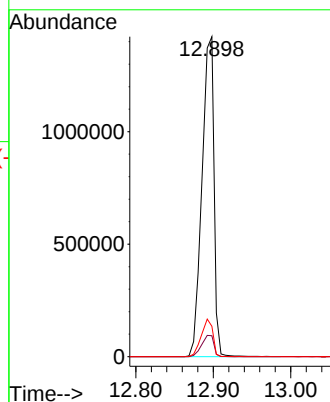
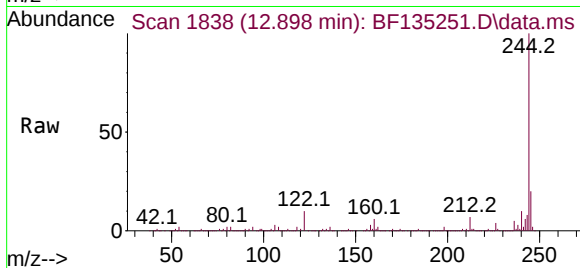
Tgt Ion:244 Resp: 1533210

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

