

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135396.D
 Acq On : 22 Sep 2023 12:37
 Operator : CG\JU
 Sample : 04501-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Sep 23 04:40:47 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)

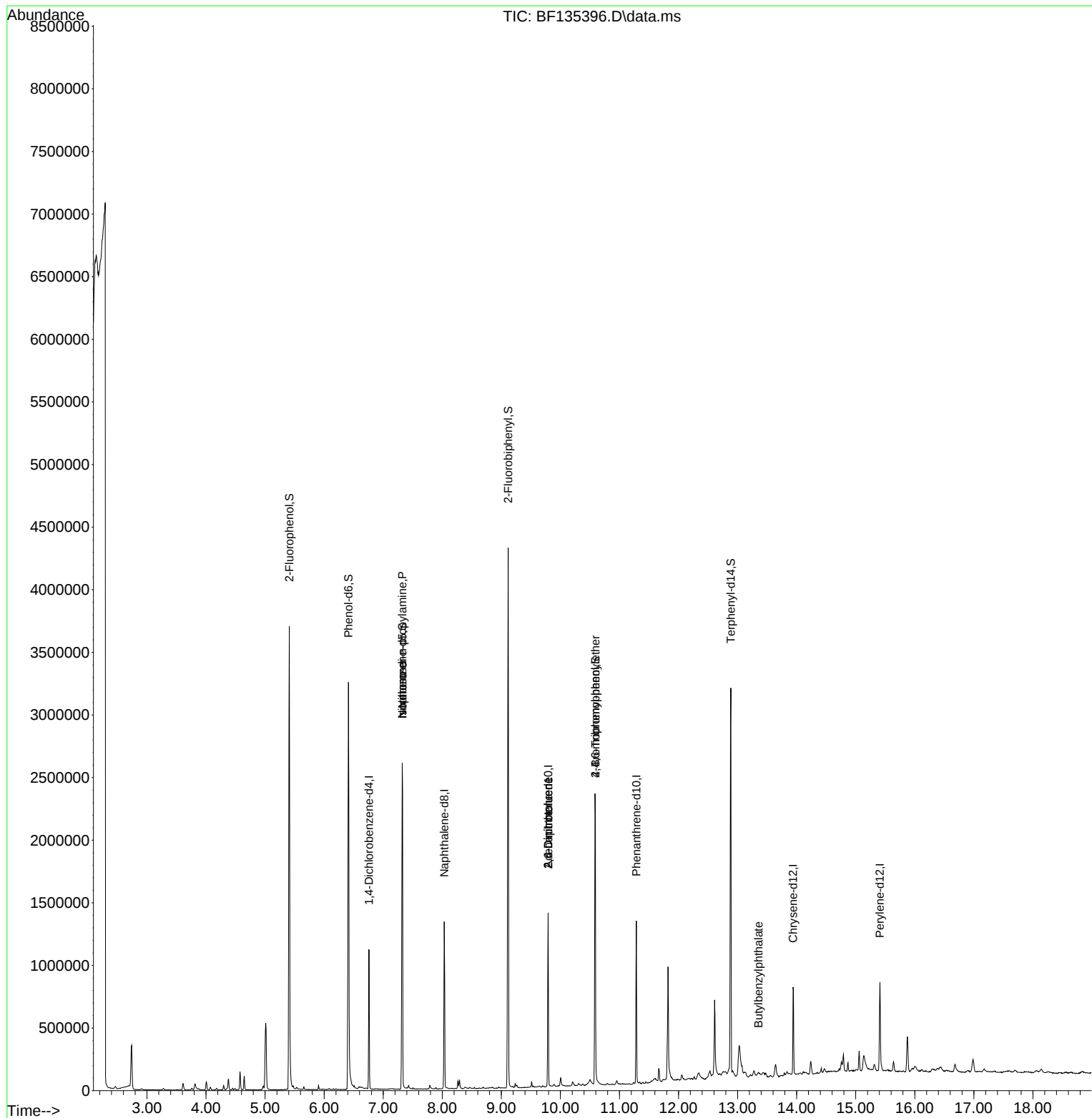
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	150110	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	563499	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	269154	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	444951	20.000	ng	0.00
76) Chrysene-d12	13.939	240	246874	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	323165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1095689	118.718	ng	0.02
7) Phenol-d6	6.410	99	1308842	111.527	ng	0.00
23) Nitrobenzene-d5	7.322	82	932406	89.897	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	298690	111.671	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1498244	83.983	ng	-0.01
79) Terphenyl-d14	12.886	244	1179250	74.048	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	123513	16.992	ng	# 82
25) Isophorone	7.322	82	932398	48.956	ng	# 65
51) 2,6-Dinitrotoluene	9.792	165	35694	8.954	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	35694	7.152	ng	# 19
67) 4-Bromophenyl-phenylether	10.592	248	19092	4.314	ng	# 1
80) Butylbenzylphthalate	13.351	149	17624	2.130	ng	# 36

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
Data File : BF135396.D
Acq On : 22 Sep 2023 12:37
Operator : CG\JU
Sample : 04501-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Time: Sep 23 04:40:47 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

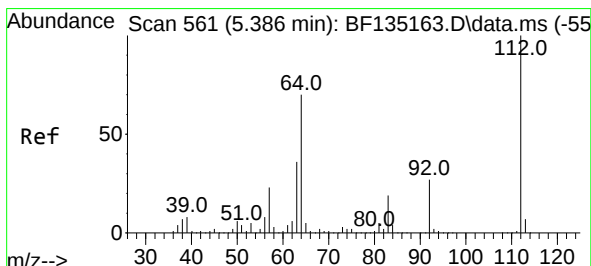
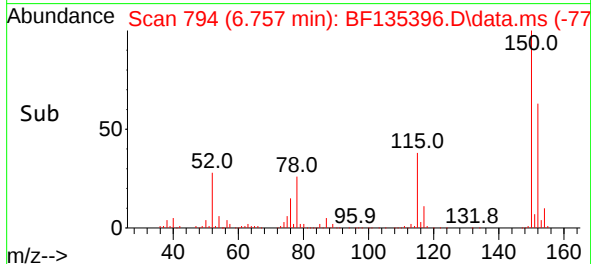
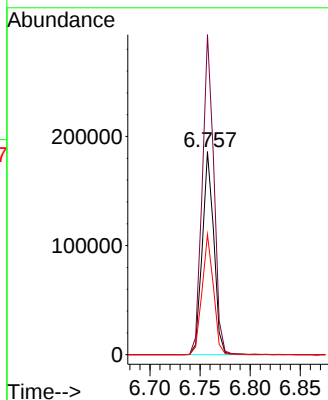
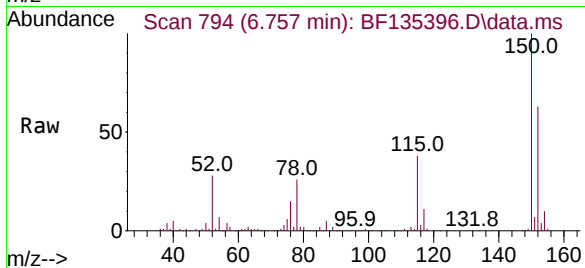




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135396.D
Acq: 22 Sep 2023 12:37

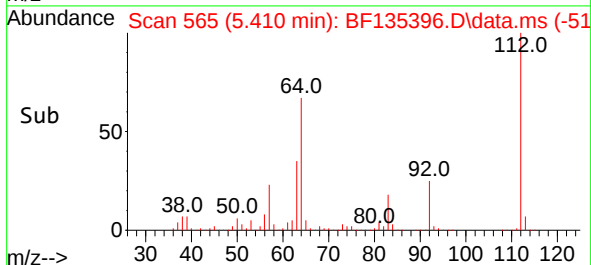
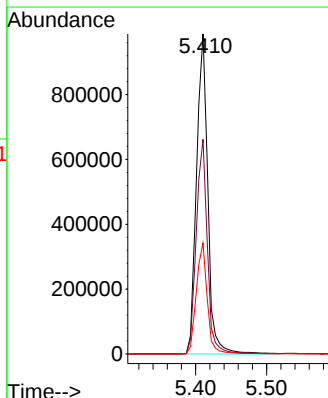
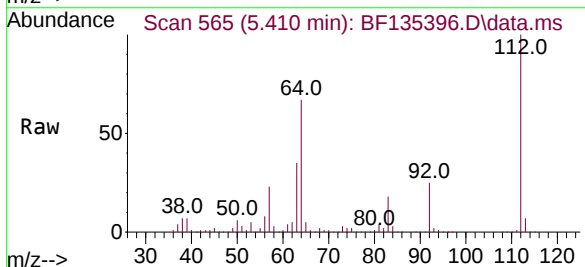
Instrument :
BNA_F
ClientSampleId :
TP-3

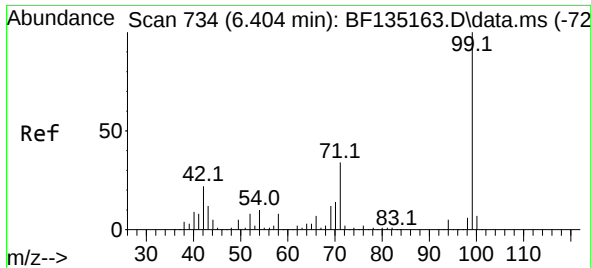
Tgt Ion:152 Resp: 150110
Ion Ratio Lower Upper
152 100
150 157.7 127.8 191.6
115 59.2 49.8 74.8



#5
2-Fluorophenol
Concen: 118.718 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.024 min
Lab File: BF135396.D
Acq: 22 Sep 2023 12:37

Tgt Ion:112 Resp: 1095689
Ion Ratio Lower Upper
112 100
64 67.1 55.9 83.9
63 34.7 29.0 43.6

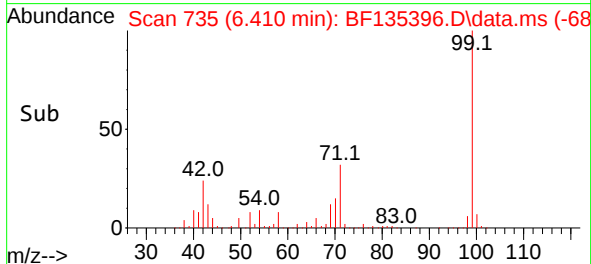
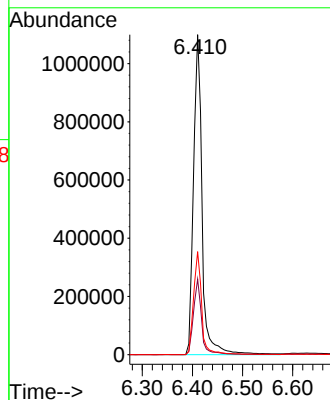
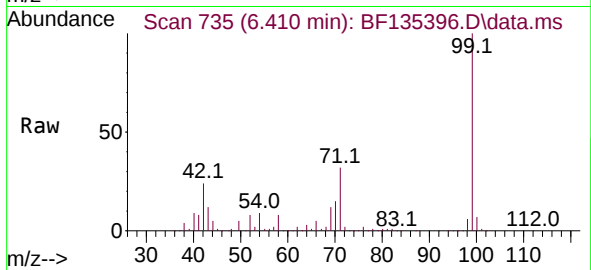




#7
Phenol-d6
Concen: 111.527 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135396.D
Acq: 22 Sep 2023 12:37

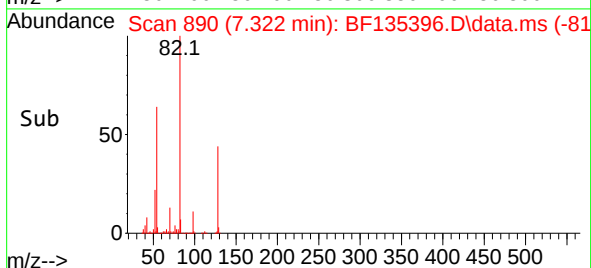
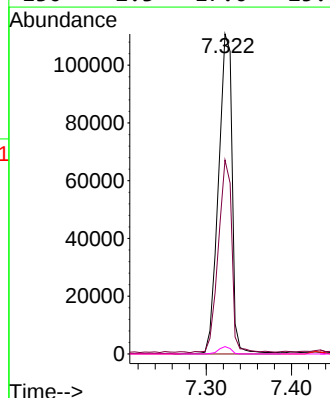
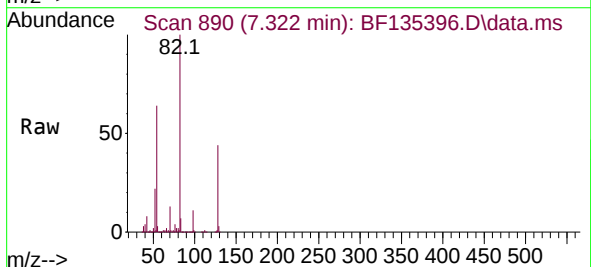
Instrument :
BNA_F
ClientSampleId :
TP-3

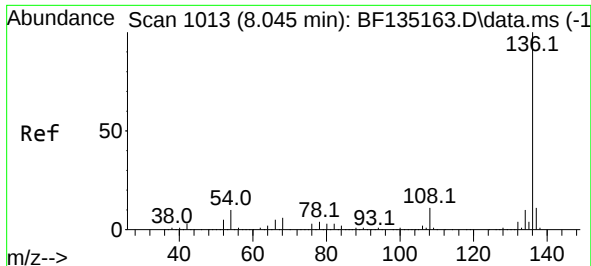
Tgt Ion: 99 Resp: 1308842
Ion Ratio Lower Upper
99 100
42 23.6 17.9 26.9
71 32.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.992 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.136 min
Lab File: BF135396.D
Acq: 22 Sep 2023 12:37

Tgt Ion: 70 Resp: 123513
Ion Ratio Lower Upper
70 100
42 60.6 55.4 83.0
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#

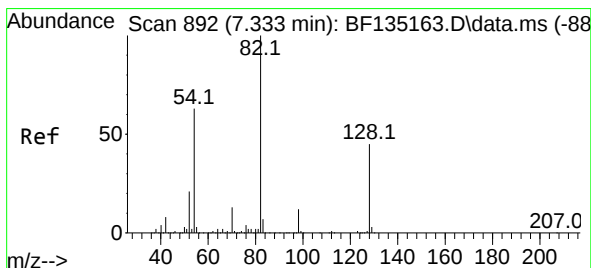
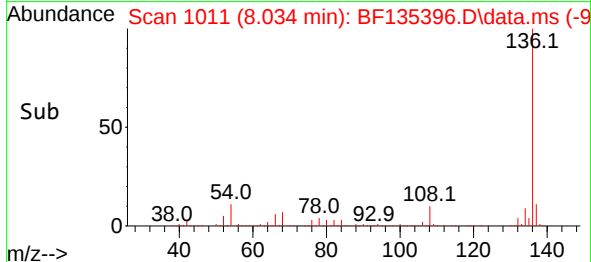
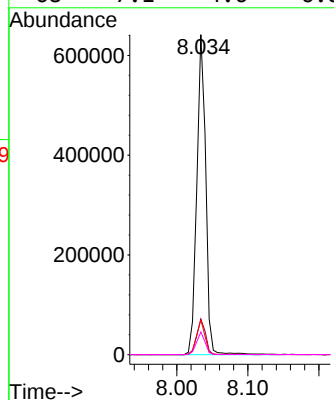
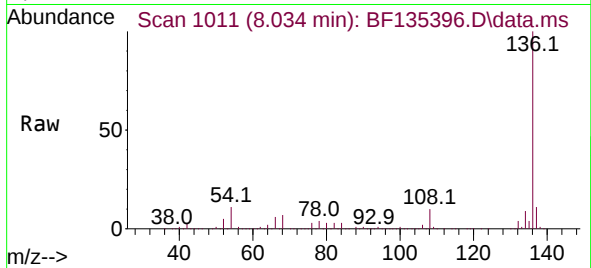




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.011 min
Lab File: BF135396.D
Acq: 22 Sep 2023 12:37

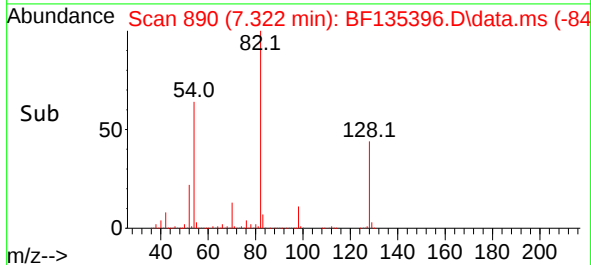
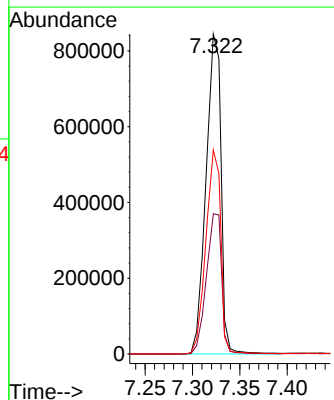
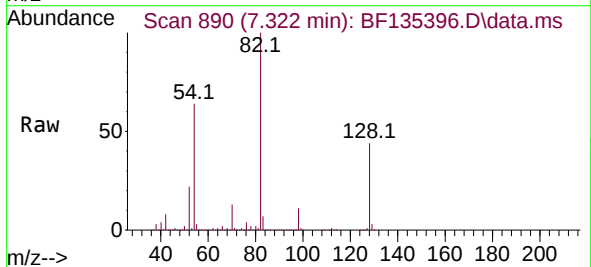
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:136 Resp: 563499
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.9 7.7 11.5
68 7.1 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 89.897 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.011 min
Lab File: BF135396.D
Acq: 22 Sep 2023 12:37

Tgt Ion: 82 Resp: 932406
Ion Ratio Lower Upper
82 100
128 43.8 35.8 53.6
54 63.8 50.6 76.0

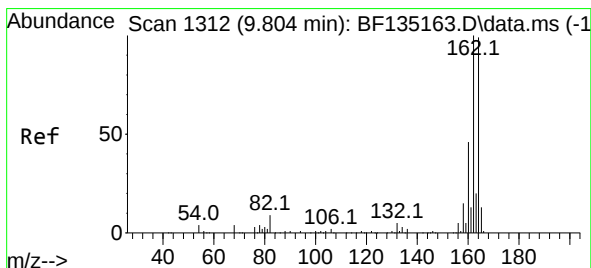
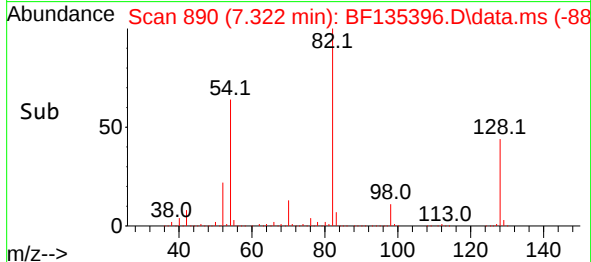
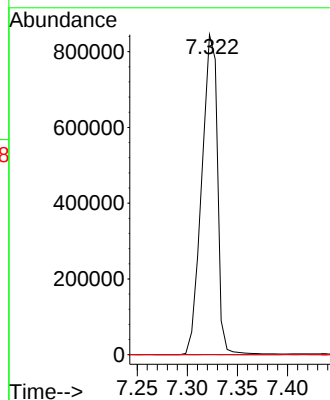
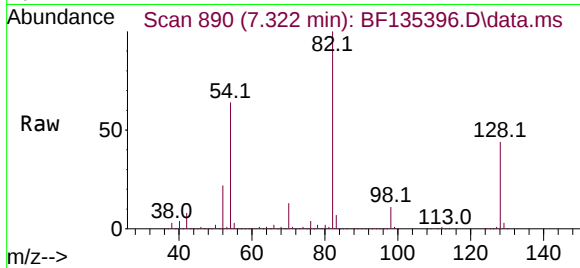




#25
Isophorone
Concen: 48.956 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135396.D
Acq: 22 Sep 2023 12:37

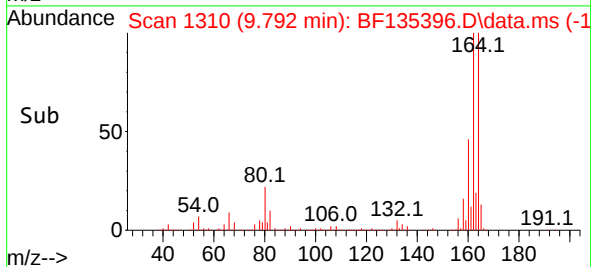
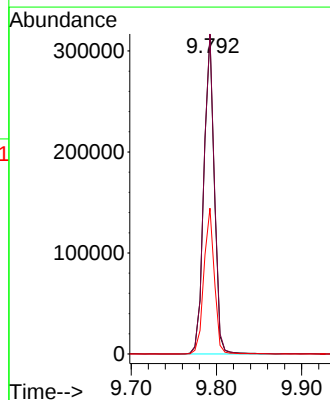
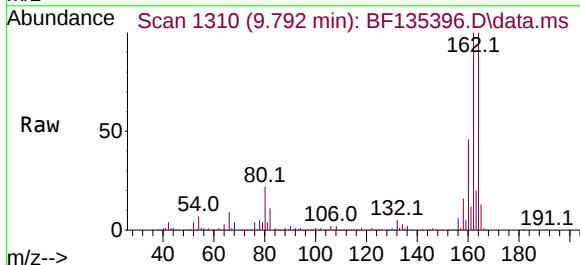
Instrument :
BNA_F
ClientSampleId :
TP-3

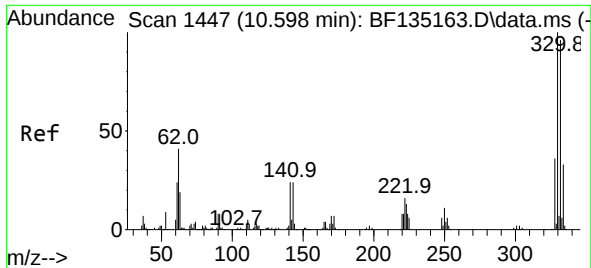
Tgt Ion: 82 Resp: 932398
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.011 min
Lab File: BF135396.D
Acq: 22 Sep 2023 12:37

Tgt Ion: 164 Resp: 269154
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 45.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 111.671 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135396.D

Acq: 22 Sep 2023 12:37

Instrument :

BNA_F

ClientSampleId :

TP-3

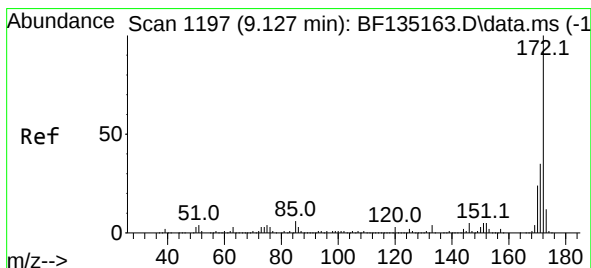
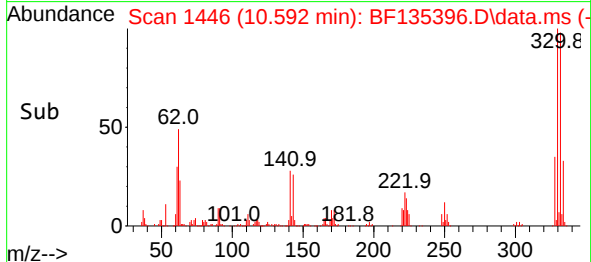
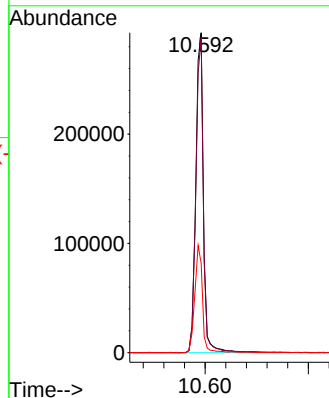
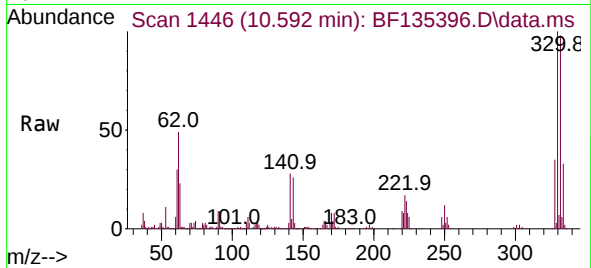
Tgt Ion:330 Resp: 298690

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 33.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 83.983 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.011 min

Lab File: BF135396.D

Acq: 22 Sep 2023 12:37

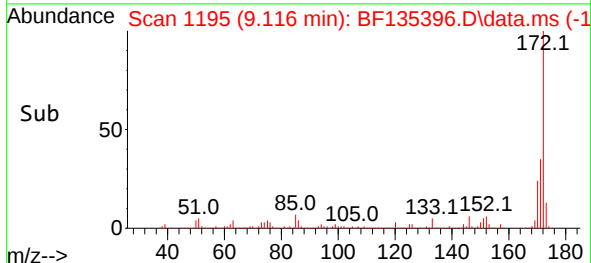
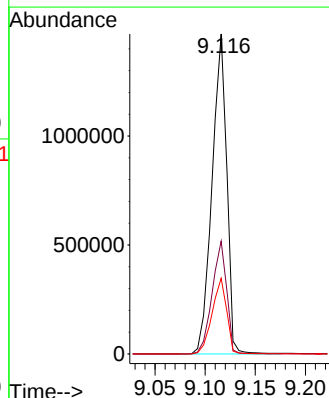
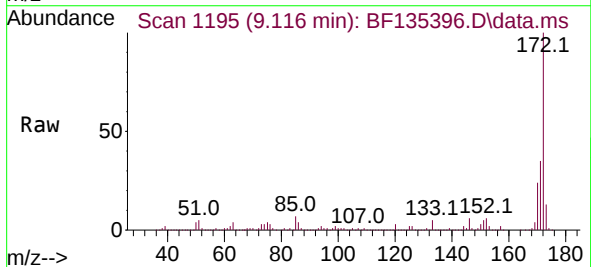
Tgt Ion:172 Resp: 1498244

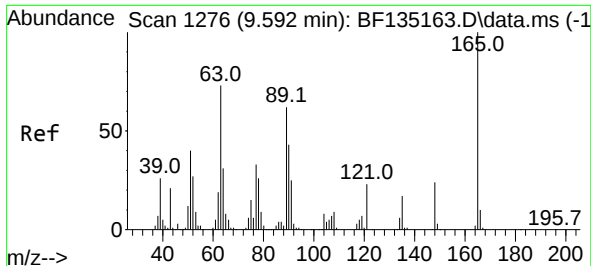
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.7 19.0 28.4

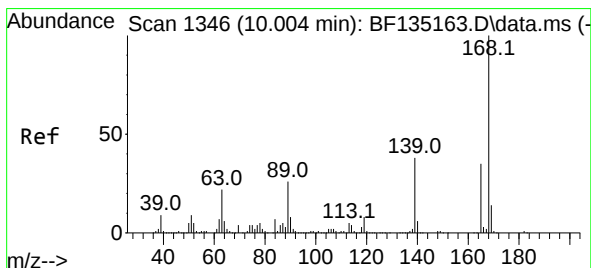
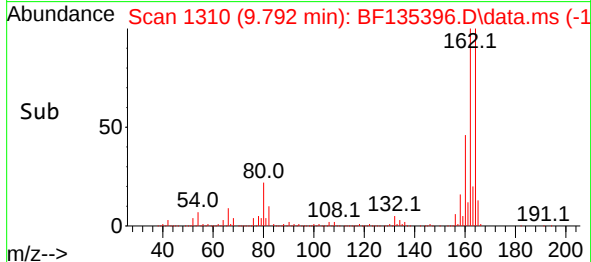
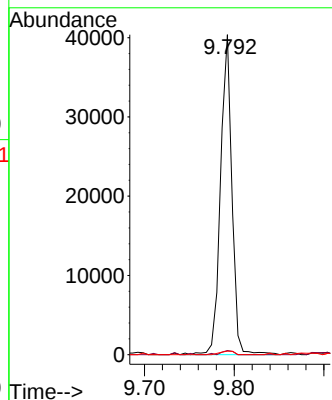
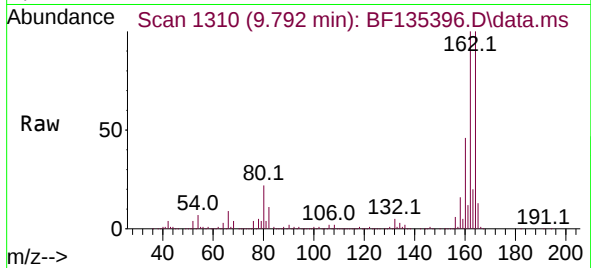




#51
2,6-Dinitrotoluene
Concen: 8.954 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF135396.D
Acq: 22 Sep 2023 12:37

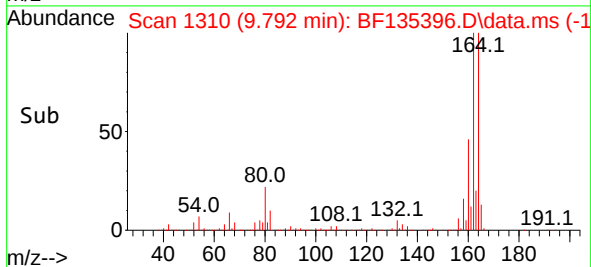
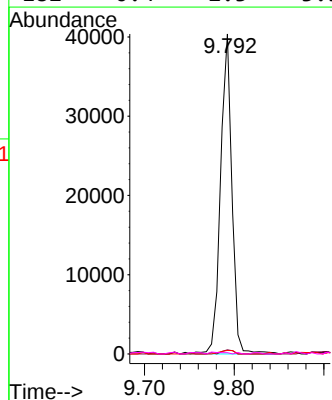
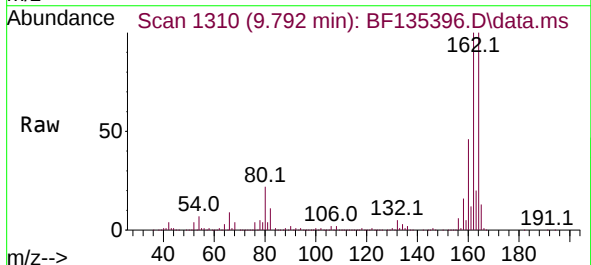
Instrument :
BNA_F
ClientSampleId :
TP-3

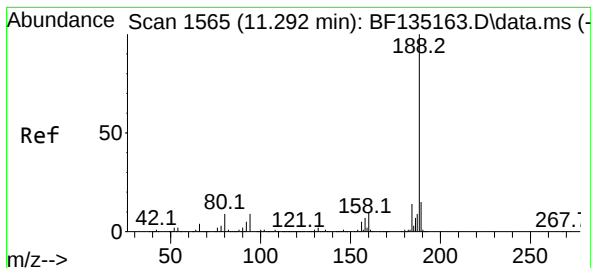
Tgt Ion:165 Resp: 35694
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.2#
89 1.1 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 7.152 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.211 min
Lab File: BF135396.D
Acq: 22 Sep 2023 12:37

Tgt Ion:165 Resp: 35694
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.1 59.3 88.9#
182 0.4 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135396.D

Acq: 22 Sep 2023 12:37

Instrument :

BNA_F

ClientSampleId :

TP-3

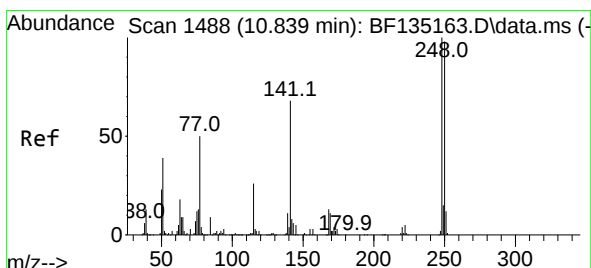
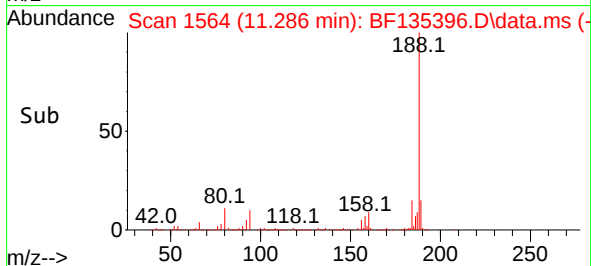
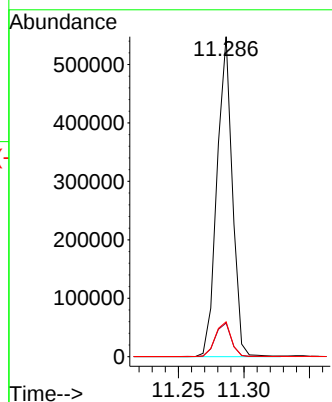
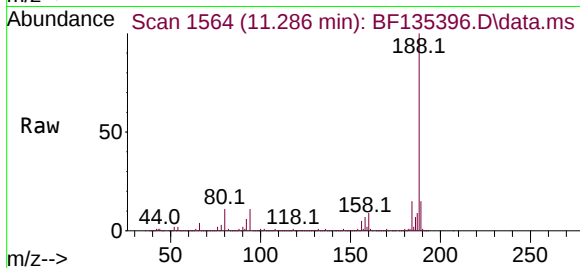
Tgt Ion:188 Resp: 444951

Ion Ratio Lower Upper

188 100

94 10.5 7.0 10.6

80 10.9 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.314 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF135396.D

Acq: 22 Sep 2023 12:37

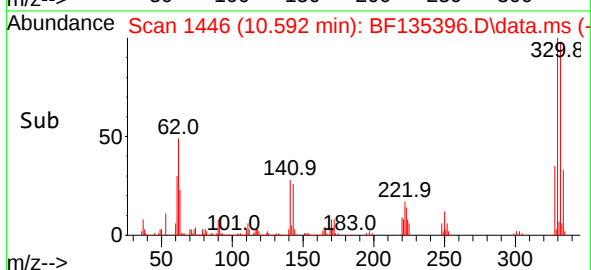
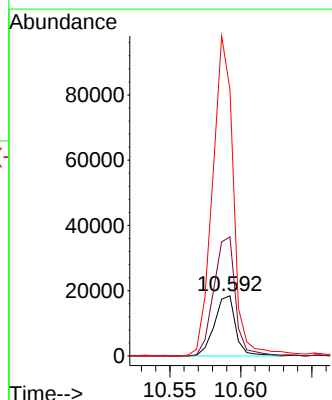
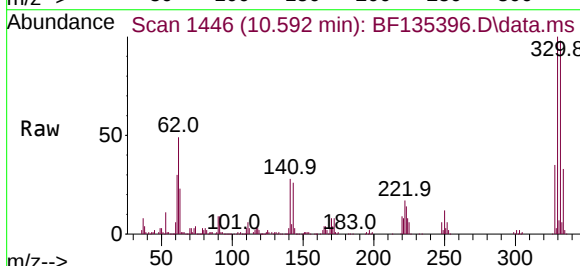
Tgt Ion:248 Resp: 19092

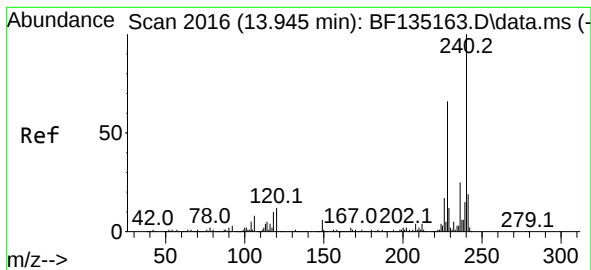
Ion Ratio Lower Upper

248 100

250 197.7 78.6 117.8#

141 442.7 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135396.D

Acq: 22 Sep 2023 12:37

Instrument :

BNA_F

ClientSampleId :

TP-3

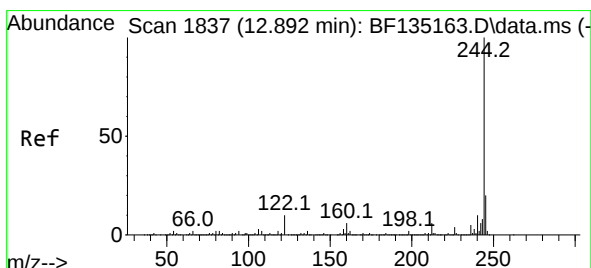
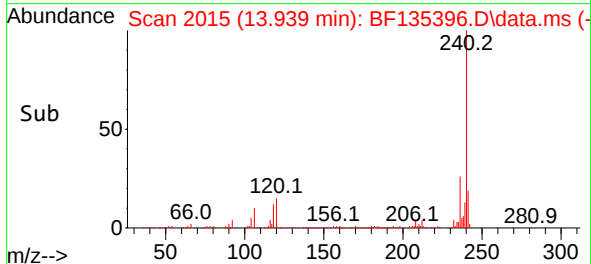
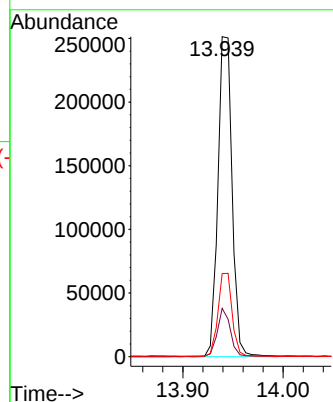
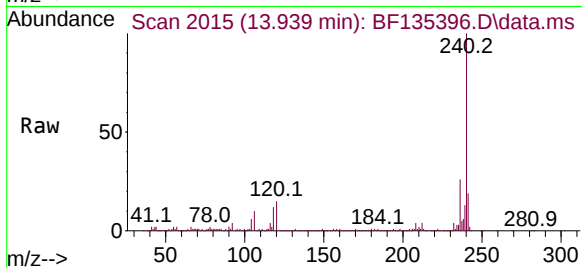
Tgt Ion:240 Resp: 246874

Ion Ratio Lower Upper

240 100

120 15.1 9.4 14.2#

236 25.9 19.8 29.8



#79

Terphenyl-d14

Concen: 74.048 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF135396.D

Acq: 22 Sep 2023 12:37

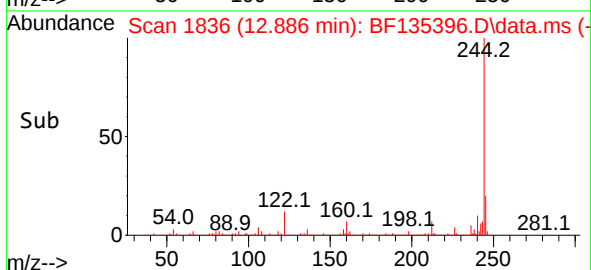
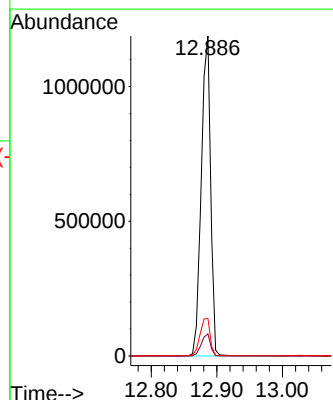
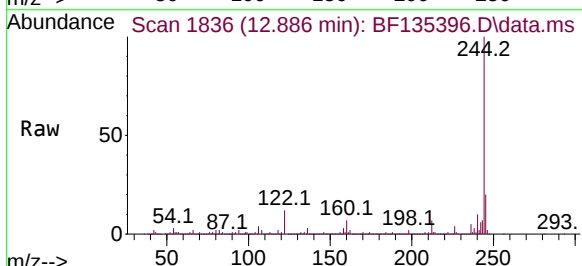
Tgt Ion:244 Resp: 1179250

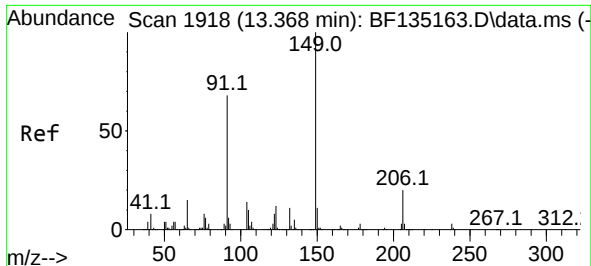
Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 11.8 7.9 11.9

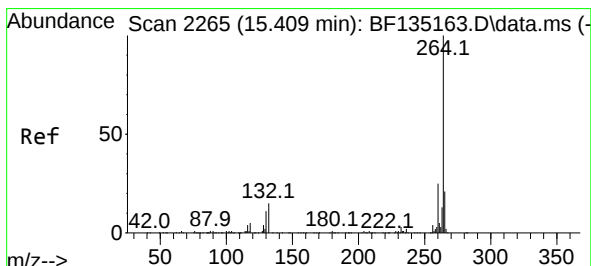
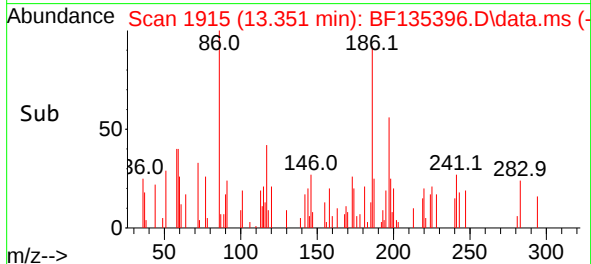
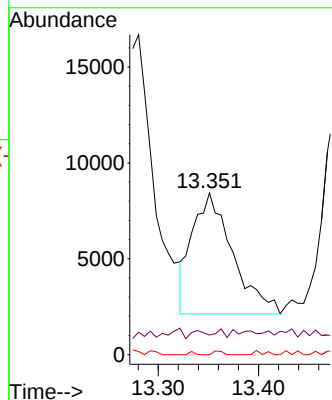
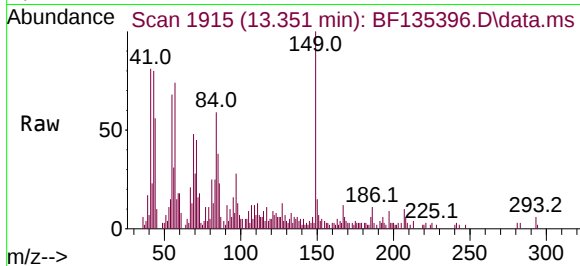




#80
Butylbenzylphthalate
Concen: 2.130 ng
RT: 13.351 min Scan# 1915
Delta R.T. -0.017 min
Lab File: BF135396.D
Acq: 22 Sep 2023 12:37

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:149 Resp: 17624
Ion Ratio Lower Upper
149 100
91 12.2 54.7 82.1#
206 0.0 16.3 24.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF135396.D
Acq: 22 Sep 2023 12:37

Tgt Ion:264 Resp: 323165
Ion Ratio Lower Upper
264 100
260 23.3 19.8 29.6
265 21.2 17.0 25.4

