

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135410.D
 Acq On : 22 Sep 2023 20:43
 Operator : CG\JU
 Sample : 04436-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B102-11

Quant Time: Sep 23 04:58:55 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)

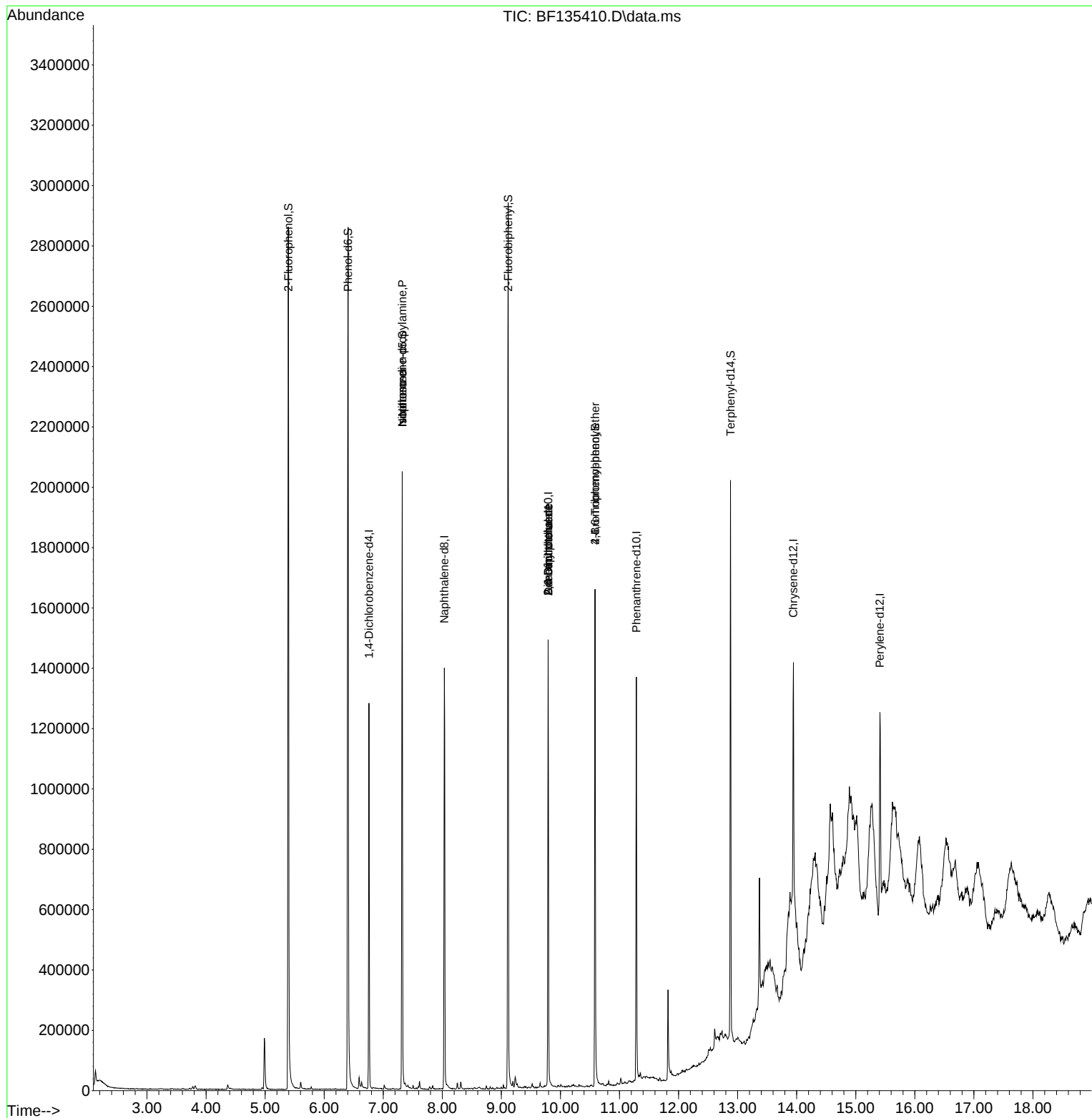
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	169081	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	632578	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	287369	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	480607	20.000	ng	0.00
76) Chrysene-d12	13.945	240	267202	20.000	ng	0.00
86) Perylene-d12	15.410	264	349366	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	795325	76.505	ng	0.00
7) Phenol-d6	6.404	99	974623	73.730	ng	0.00
23) Nitrobenzene-d5	7.322	82	591883	50.834	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	182586	63.936	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	942136	49.463	ng	-0.01
79) Terphenyl-d14	12.880	244	616774	35.783	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	78353	9.570	ng	# 81
25) Isophorone	7.322	82	591872	27.683	ng	# 65
50) Dimethylphthalate	9.792	163	53507	2.754	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	37455	8.800	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	37513	7.040	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	11923	2.494	ng	# 1

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

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Quant Time: Sep 23 04:58:55 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

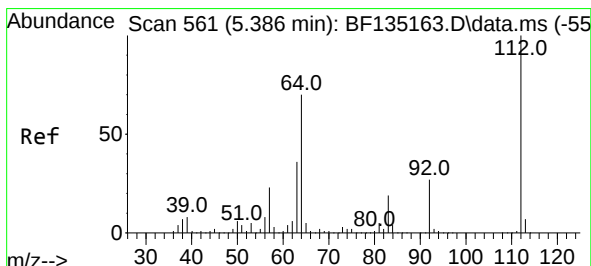
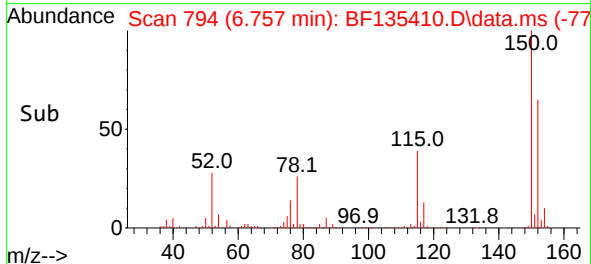
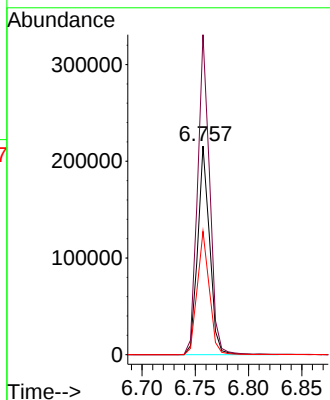
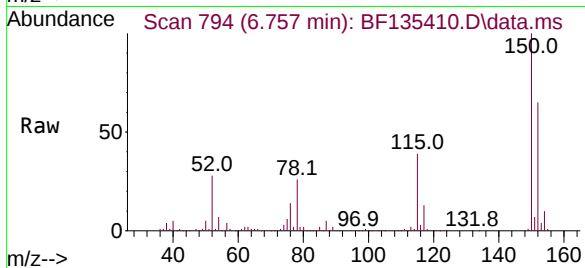




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

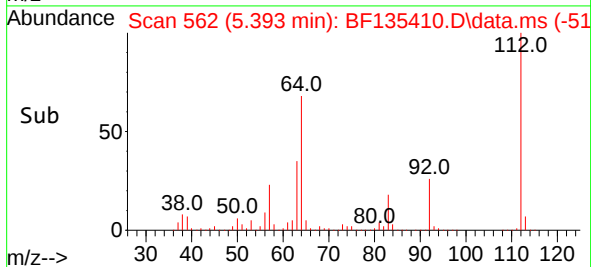
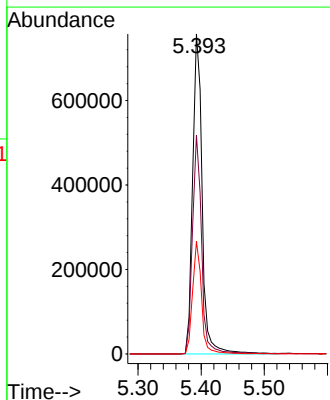
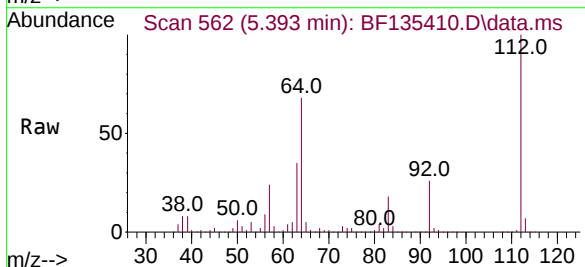
Instrument :
BNA_F
ClientSampleId :
B102-11

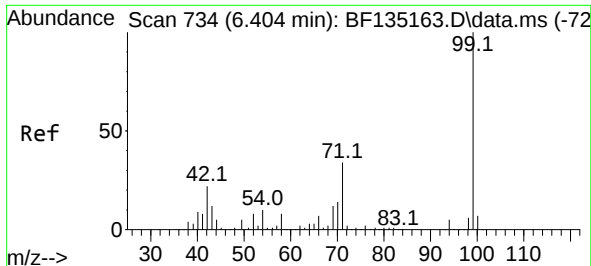
Tgt Ion:152 Resp: 169081
Ion Ratio Lower Upper
152 100
150 153.4 127.8 191.6
115 59.1 49.8 74.8



#5
2-Fluorophenol
Concen: 76.505 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

Tgt Ion:112 Resp: 795325
Ion Ratio Lower Upper
112 100
64 68.4 55.9 83.9
63 35.2 29.0 43.6

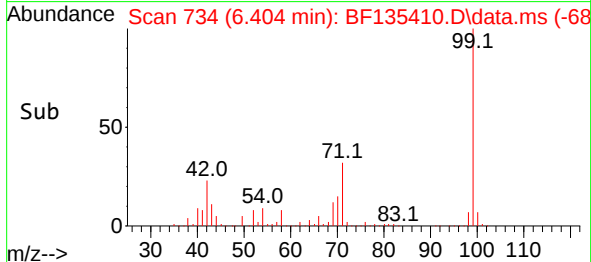
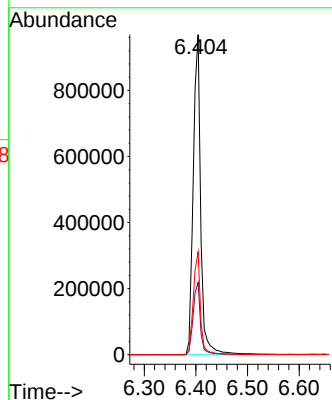
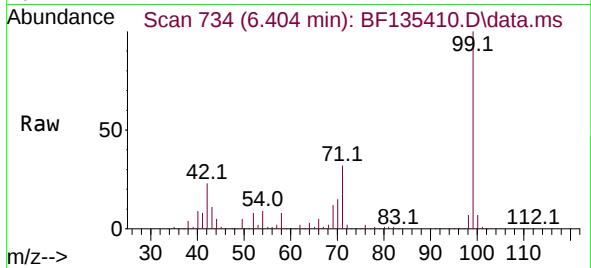




#7
Phenol-d6
Concen: 73.730 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

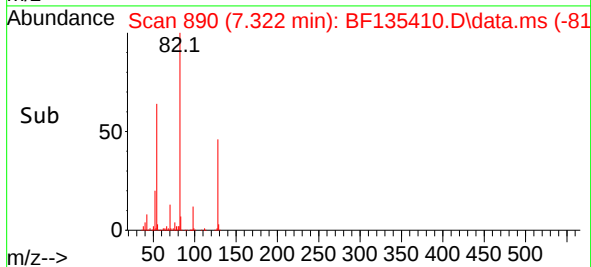
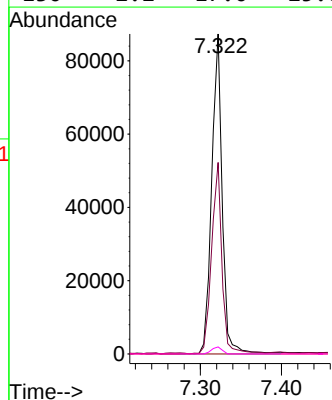
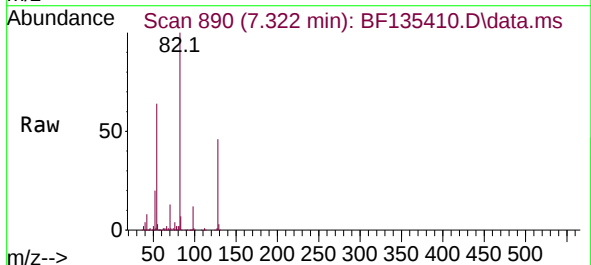
Instrument :
BNA_F
ClientSampleId :
B102-11

Tgt Ion: 99 Resp: 974623
Ion Ratio Lower Upper
99 100
42 22.6 17.9 26.9
71 32.1 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.570 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

Tgt Ion: 70 Resp: 78353
Ion Ratio Lower Upper
70 100
42 59.8 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#

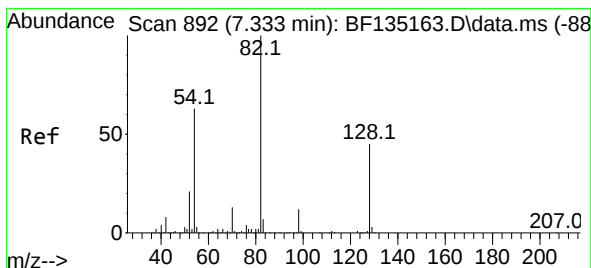
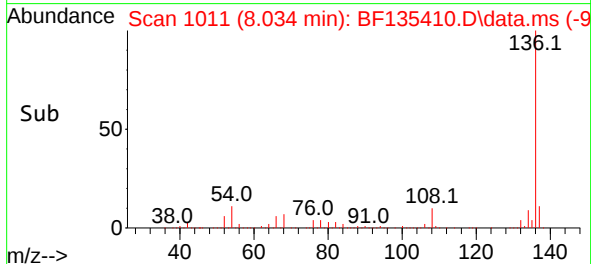
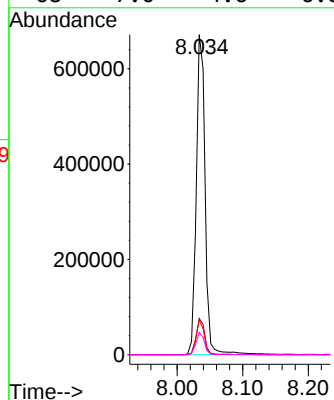
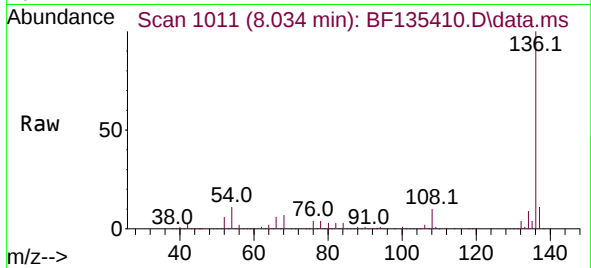




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

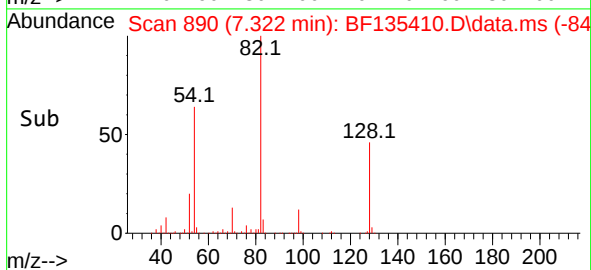
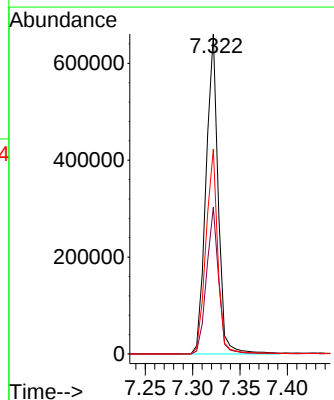
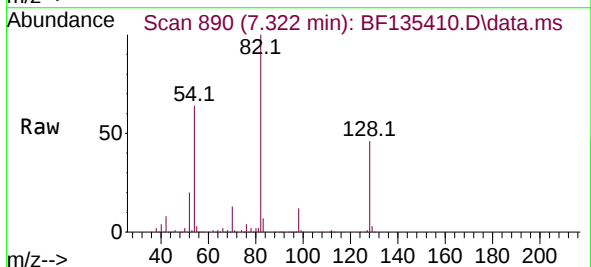
Instrument :
BNA_F
ClientSampleId :
B102-11

Tgt Ion:136 Resp: 632578
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 10.9 7.7 11.5
68 7.0 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 50.834 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

Tgt Ion: 82 Resp: 591883
Ion Ratio Lower Upper
82 100
128 45.9 35.8 53.6
54 64.1 50.6 76.0

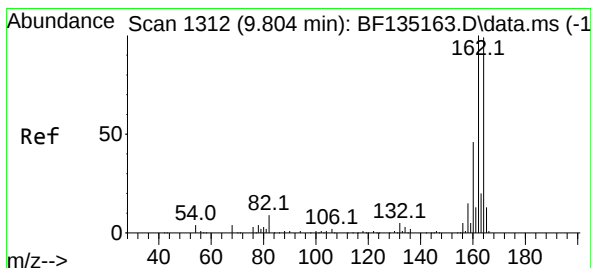
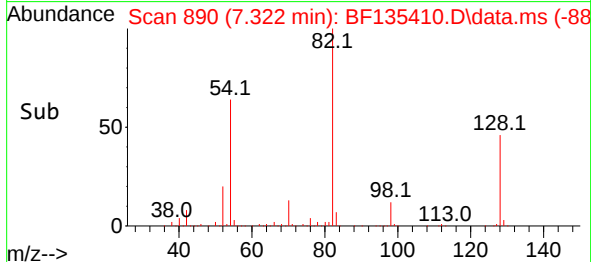
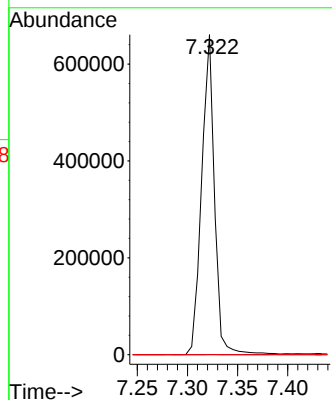
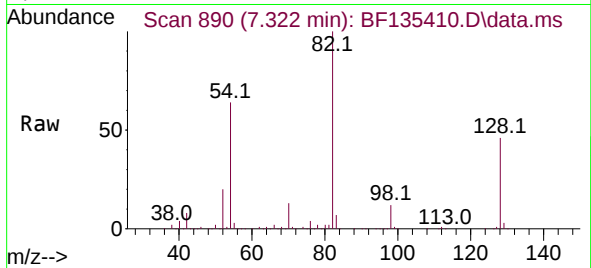




#25
Isophorone
Concen: 27.683 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

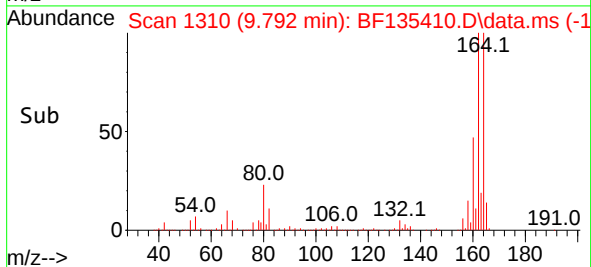
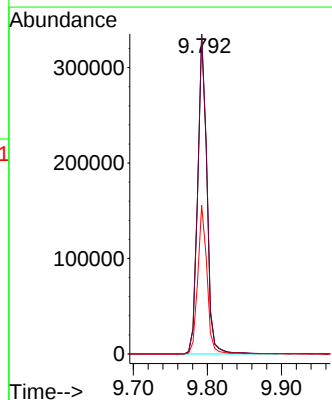
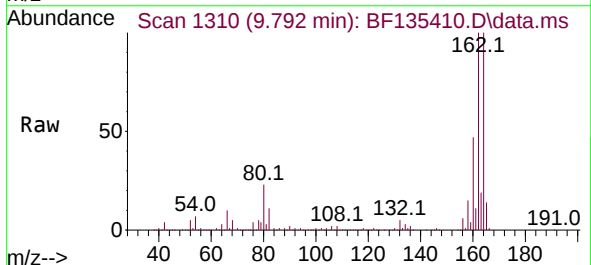
Instrument :
BNA_F
ClientSampleId :
B102-11

Tgt Ion: 82 Resp: 591872
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. -0.012 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

Tgt Ion: 164 Resp: 287369
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.4
160 46.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 63.936 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF135410.D

Acq: 22 Sep 2023 20:43

Instrument :

BNA_F

ClientSampleId :

B102-11

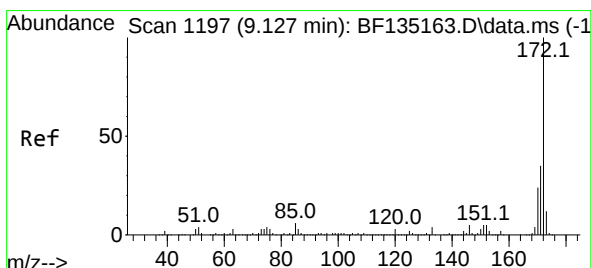
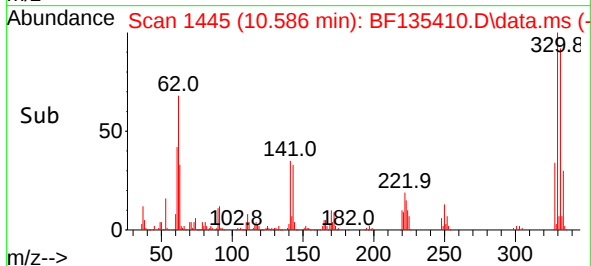
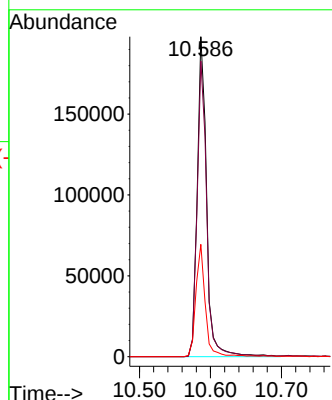
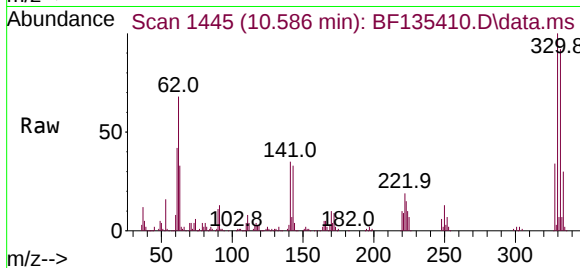
Tgt Ion:330 Resp: 182586

Ion Ratio Lower Upper

330 100

332 94.3 77.3 115.9

141 35.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 49.463 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135410.D

Acq: 22 Sep 2023 20:43

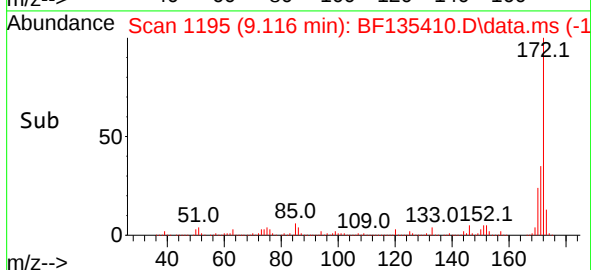
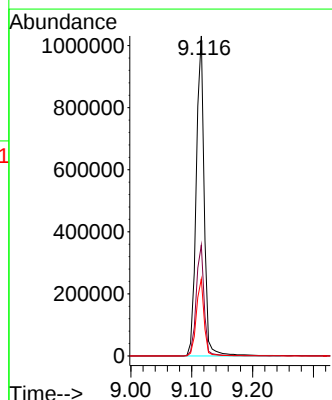
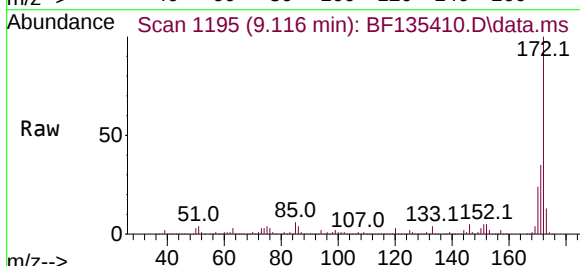
Tgt Ion:172 Resp: 942136

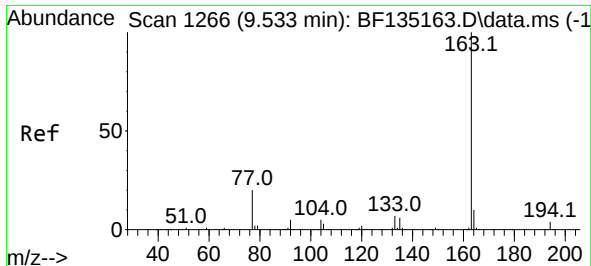
Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

170 24.1 19.0 28.4

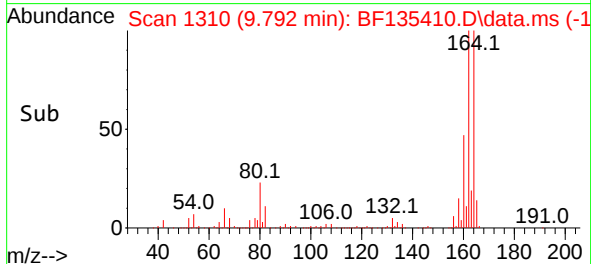
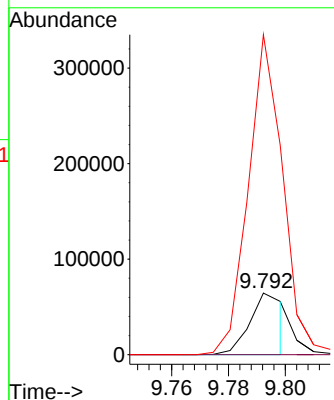
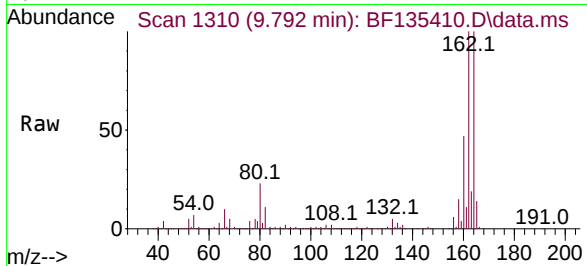




#50
Dimethylphthalate
Concen: 2.754 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

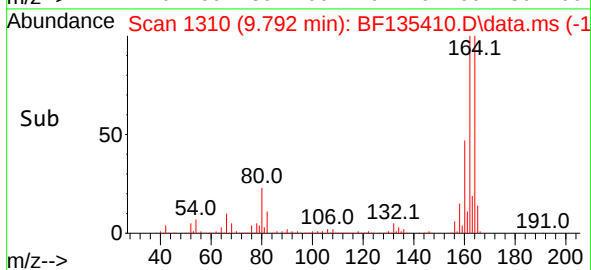
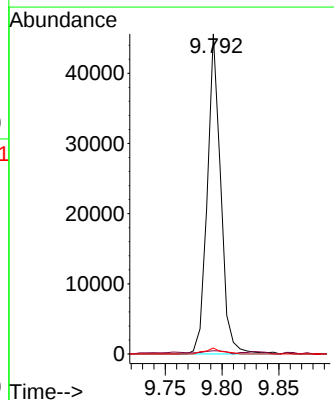
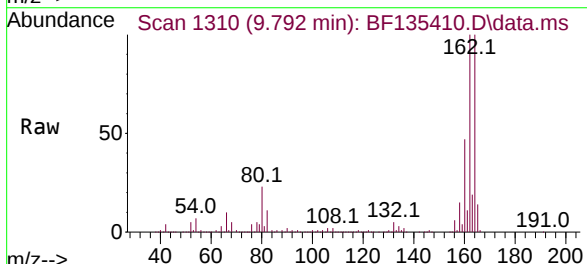
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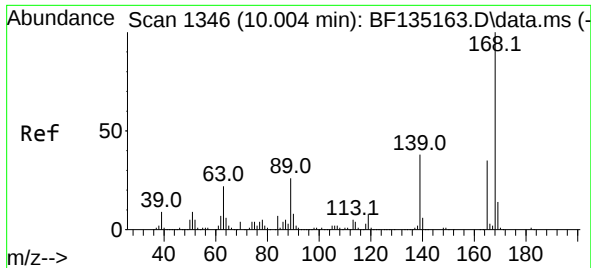
Tgt Ion:163 Resp: 53507
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 518.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.800 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

Tgt Ion:165 Resp: 37455
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 1.8 49.8 74.8#

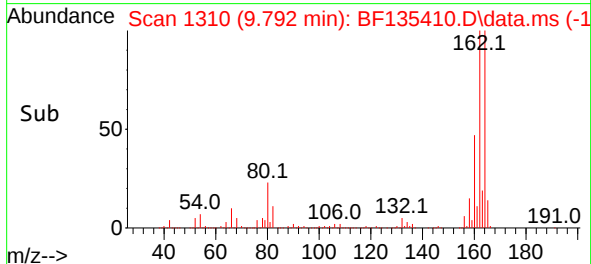
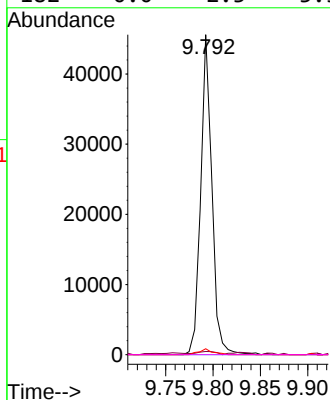
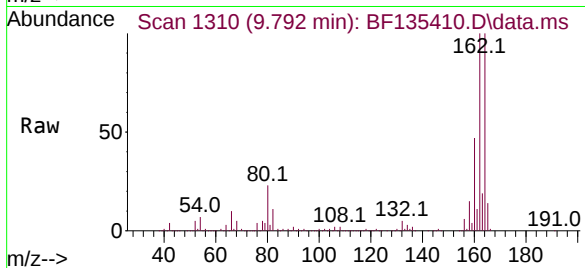




#57
2,4-Dinitrotoluene
Concen: 7.040 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

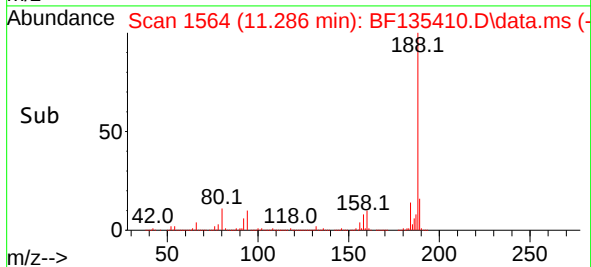
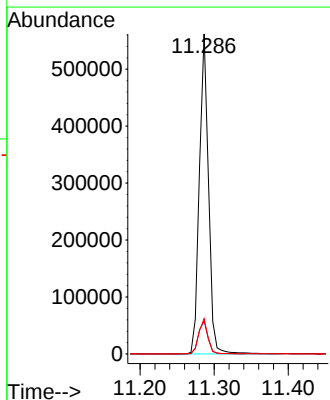
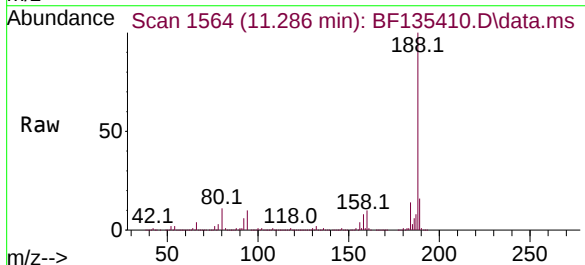
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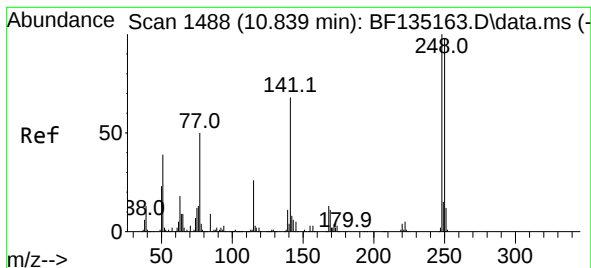
Tgt Ion:165 Resp: 37513
Ion Ratio Lower Upper
165 100
63 1.0 50.1 75.1#
89 1.8 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

Tgt Ion:188 Resp: 480607
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 11.0 7.5 11.3

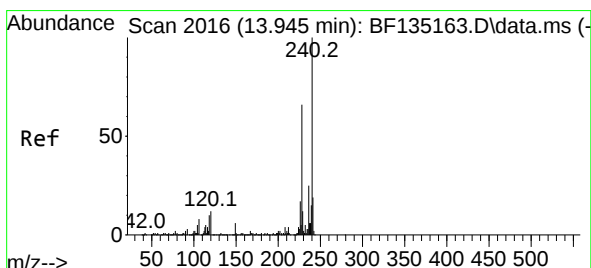
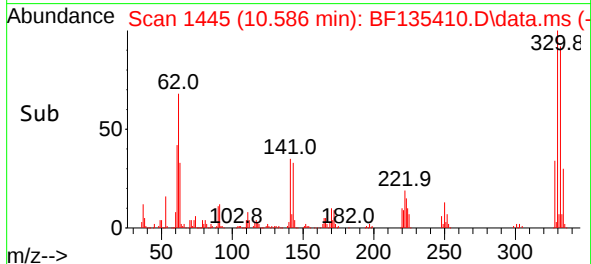
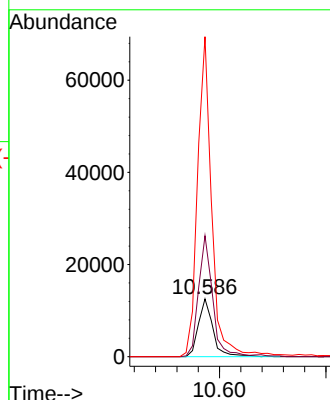
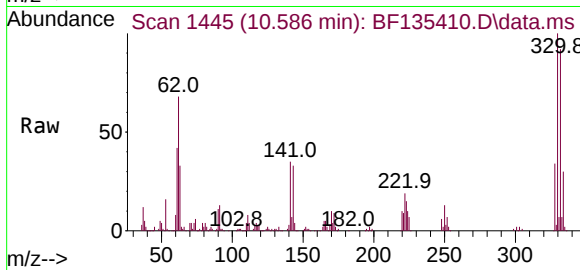




#67
4-Bromophenyl-phenylether
Concen: 2.494 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

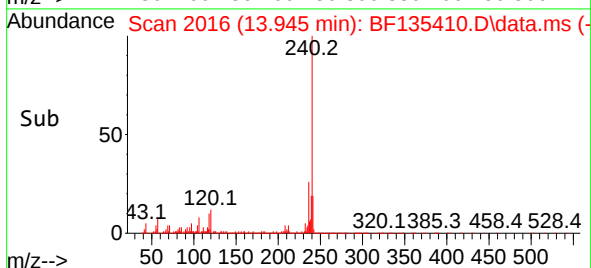
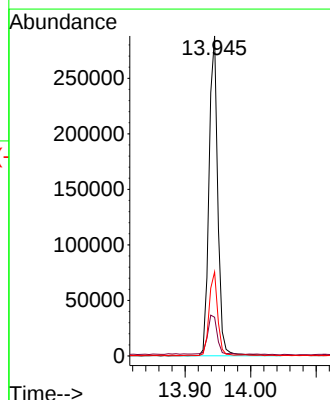
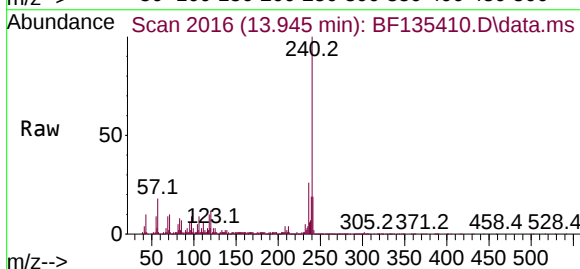
Instrument :
BNA_F
ClientSampleId :
B102-11

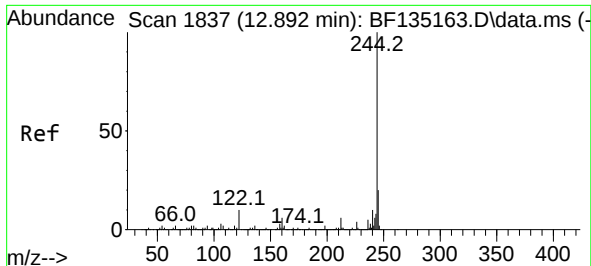
Tgt Ion:248 Resp: 11923
Ion Ratio Lower Upper
248 100
250 209.4 78.6 117.8#
141 553.8 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

Tgt Ion:240 Resp: 267202
Ion Ratio Lower Upper
240 100
120 12.1 9.4 14.2
236 26.2 19.8 29.8

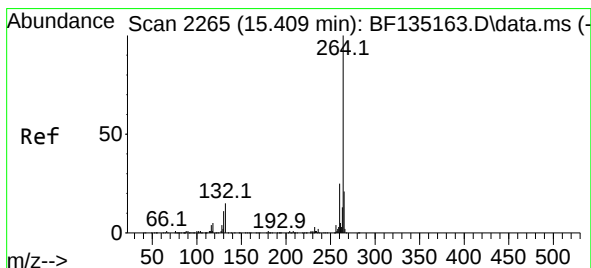
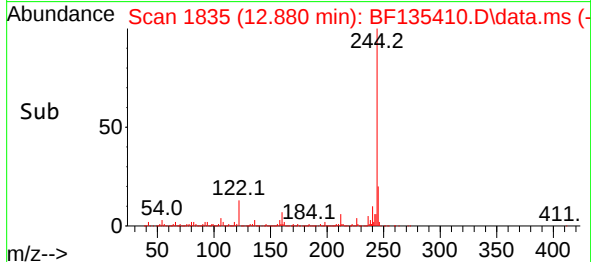
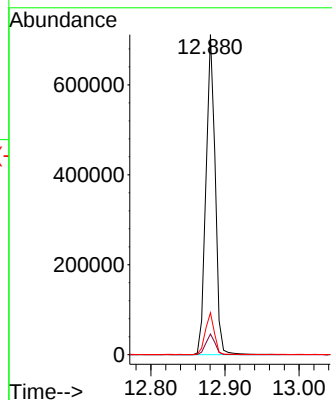
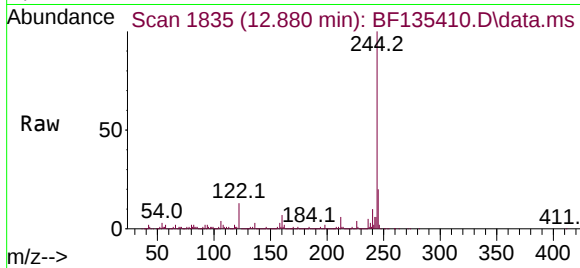




#79
 Terphenyl-d14
 Concen: 35.783 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135410.D
 Acq: 22 Sep 2023 20:43

Instrument :
 BNA_F
 ClientSampleId :
 B102-11

Tgt Ion:244 Resp: 616774
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 13.1 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135410.D
 Acq: 22 Sep 2023 20:43

Tgt Ion:264 Resp: 349366
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.8 29.6
 265 21.7 17.0 25.4

