

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135240.D
 Acq On : 14 Sep 2023 00:39
 Operator : CG\JU
 Sample : 04338-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3

Quant Time: Sep 14 02:26:01 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)

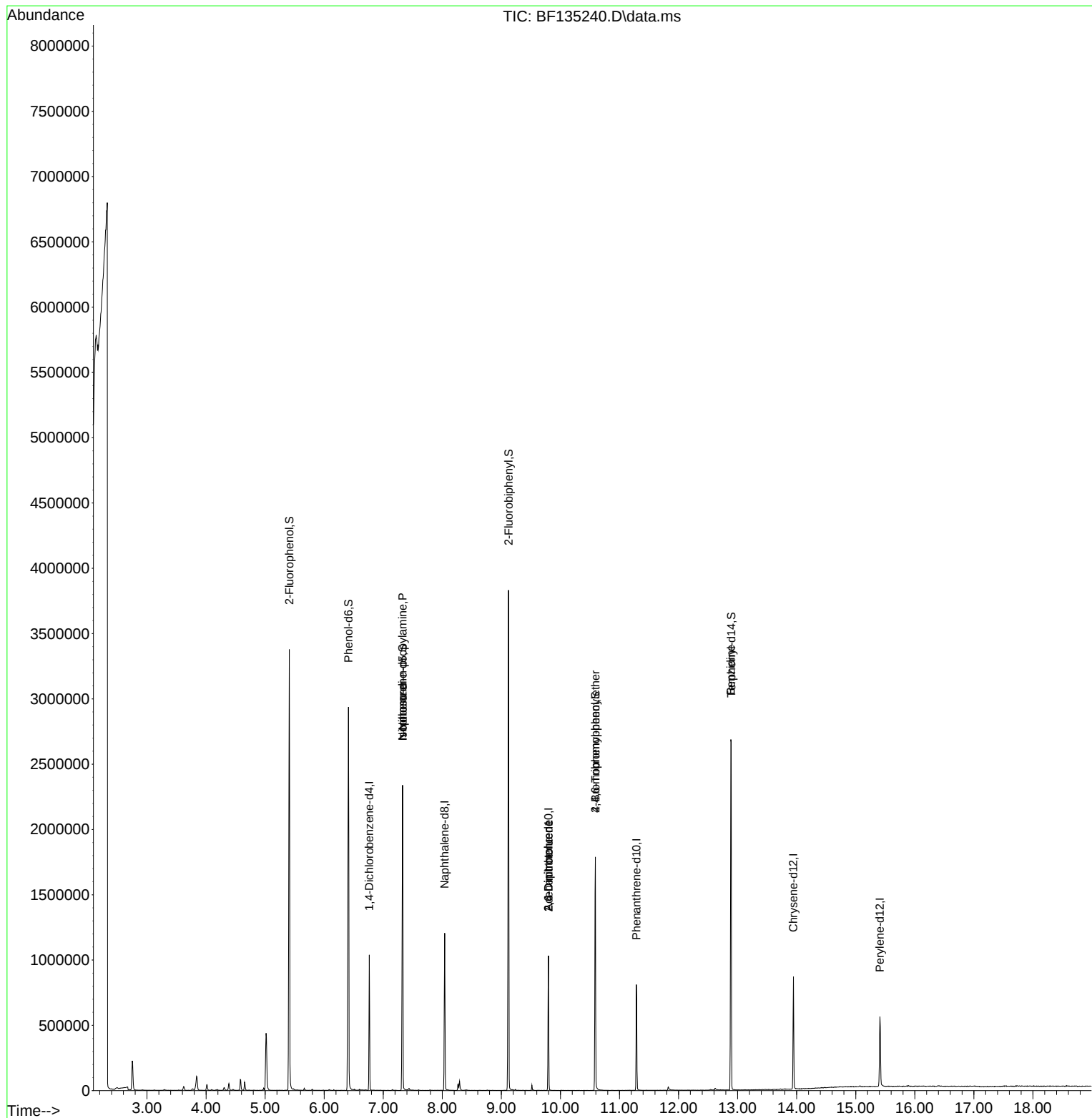
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	134136	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	489096	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	199222	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	297668	20.000	ng	0.00
76) Chrysene-d12	13.945	240	270919	20.000	ng	0.00
86) Perylene-d12	15.409	264	254860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	931710	112.973	ng	0.02
7) Phenol-d6	6.410	99	1069714	102.006	ng	0.00
23) Nitrobenzene-d5	7.328	82	754868	83.852	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	211791	106.977	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1203337	91.130	ng	0.00
79) Terphenyl-d14	12.892	244	1048312	59.984	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	101122	15.568	ng	# 79
25) Isophorone	7.328	82	754861	45.664	ng	# 65
51) 2,6-Dinitrotoluene	9.798	165	25386	8.603	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	25386	6.872	ng	# 18
67) 4-Bromophenyl-phenylether	10.592	248	13343	4.507	ng	# 1
77) Benzidine	12.886	184	13509	2.434	ng	# 95

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

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Quant Time: Sep 14 02:26:01 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

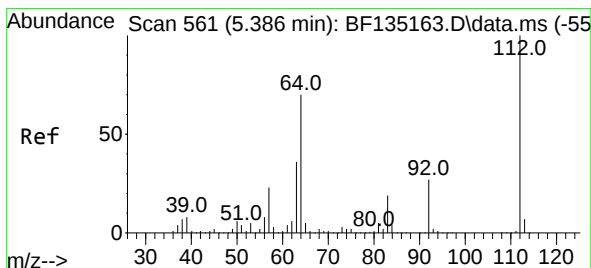
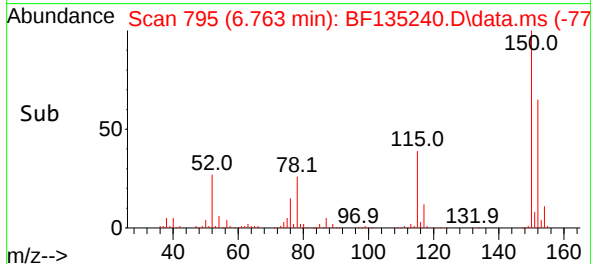
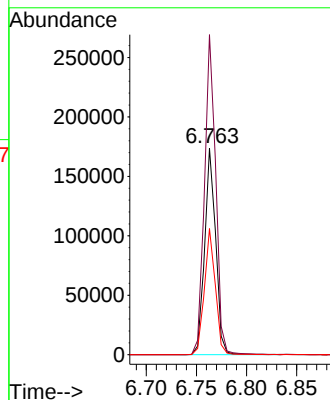
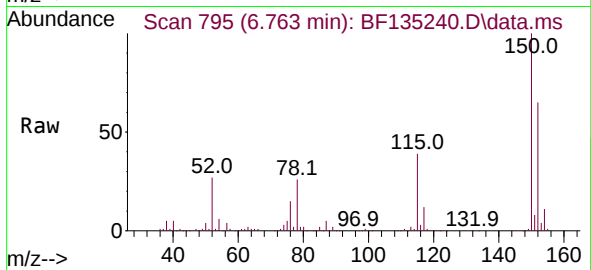




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135240.D
Acq: 14 Sep 2023 00:39

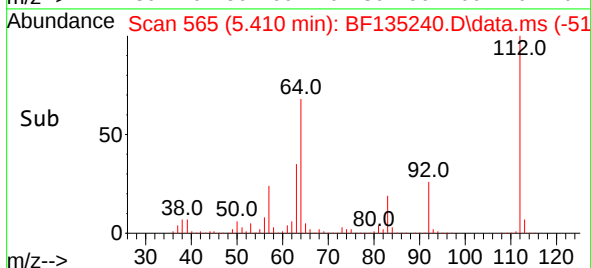
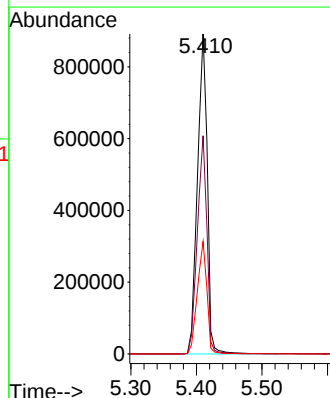
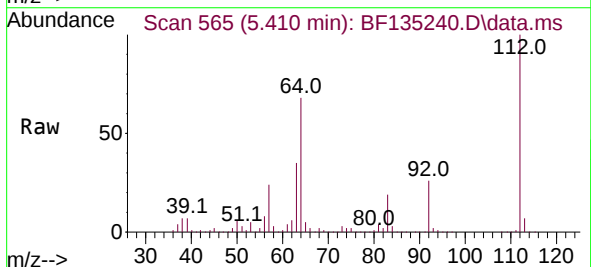
Instrument :
BNA_F
ClientSampleId :
TP3

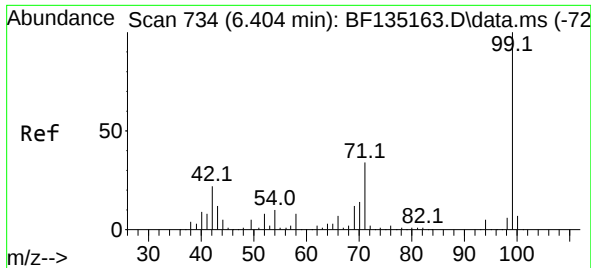
Tgt Ion:152 Resp: 134136
Ion Ratio Lower Upper
152 100
150 155.0 127.8 191.6
115 61.1 49.8 74.8



#5
2-Fluorophenol
Concen: 112.973 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.024 min
Lab File: BF135240.D
Acq: 14 Sep 2023 00:39

Tgt Ion:112 Resp: 931710
Ion Ratio Lower Upper
112 100
64 68.2 55.9 83.9
63 35.2 29.0 43.6

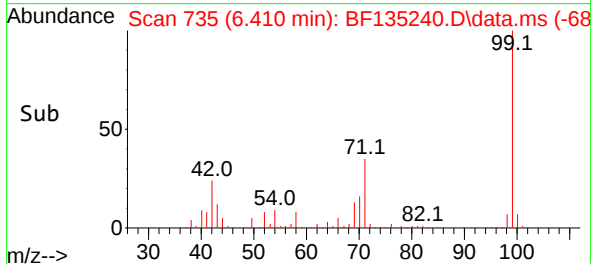
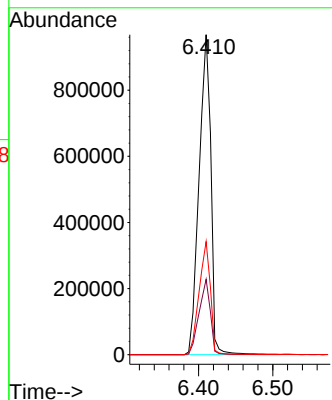
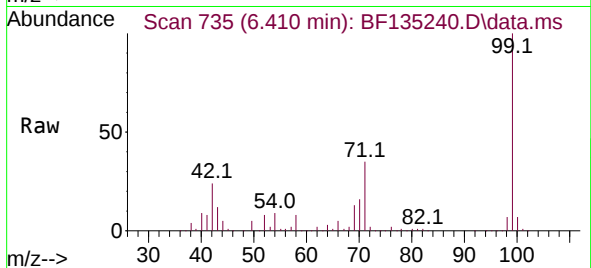




#7
Phenol-d6
Concen: 102.006 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135240.D
Acq: 14 Sep 2023 00:39

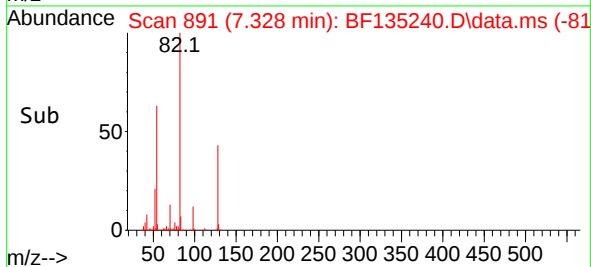
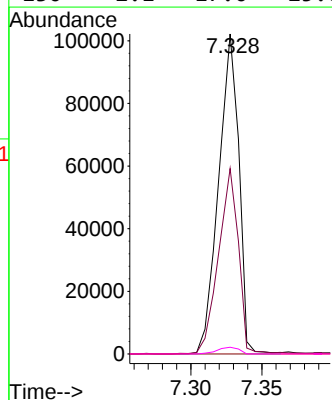
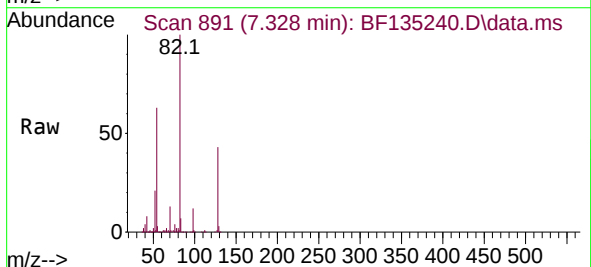
Instrument :
BNA_F
ClientSampleId :
TP3

Tgt Ion: 99 Resp: 1069714
Ion Ratio Lower Upper
99 100
42 23.6 17.9 26.9
71 35.4 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.568 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135240.D
Acq: 14 Sep 2023 00:39

Tgt Ion: 70 Resp: 101122
Ion Ratio Lower Upper
70 100
42 58.0 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#

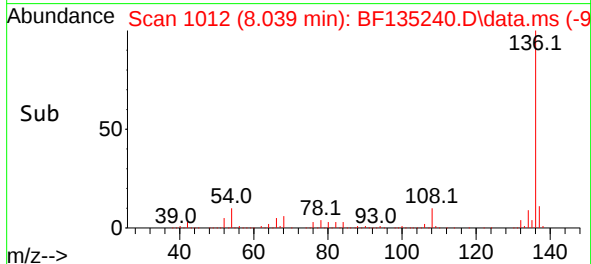
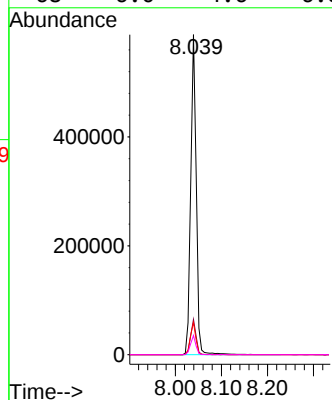
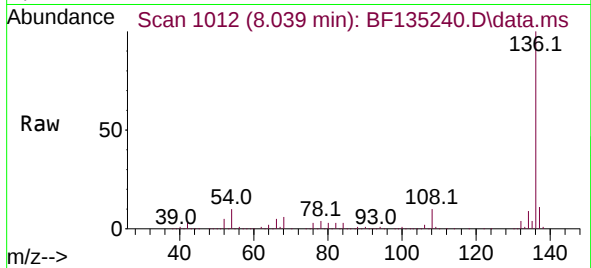




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135240.D
Acq: 14 Sep 2023 00:39

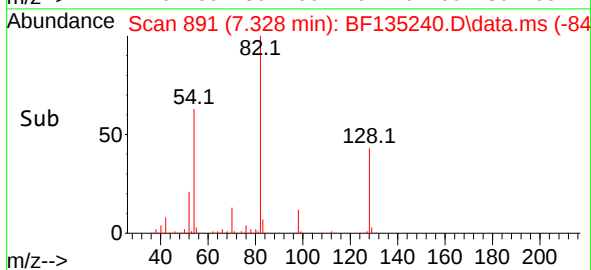
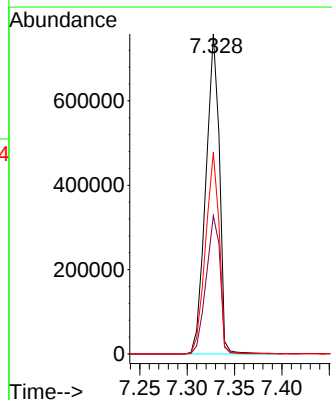
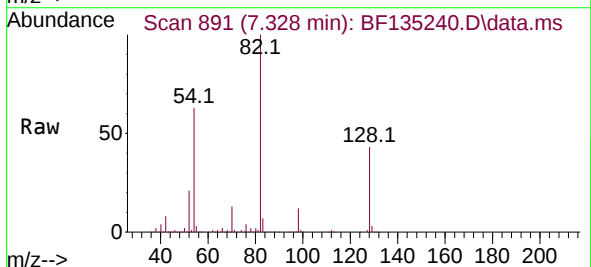
Instrument :
BNA_F
ClientSampleId :
TP3

Tgt Ion:136 Resp: 489096
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.0 7.7 11.5
68 6.0 4.6 6.8



#23
Nitrobenzene-d5
Concen: 83.852 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135240.D
Acq: 14 Sep 2023 00:39

Tgt Ion: 82 Resp: 754868
Ion Ratio Lower Upper
82 100
128 43.2 35.8 53.6
54 63.0 50.6 76.0

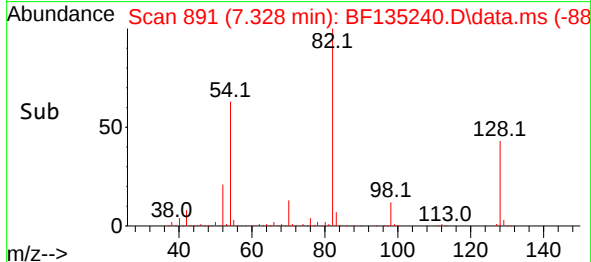
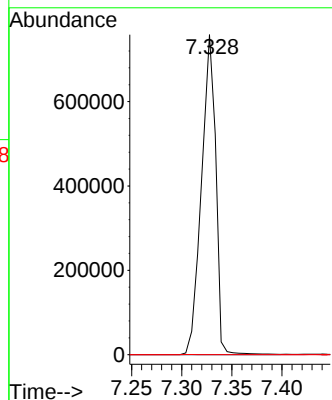
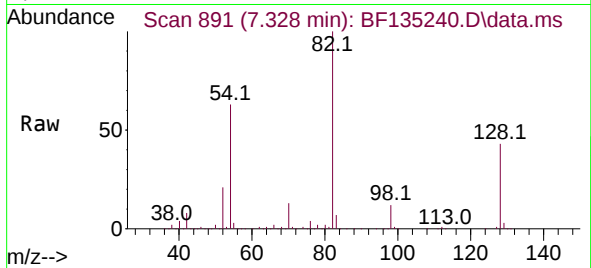




#25
Isophorone
Concen: 45.664 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF135240.D
Acq: 14 Sep 2023 00:39

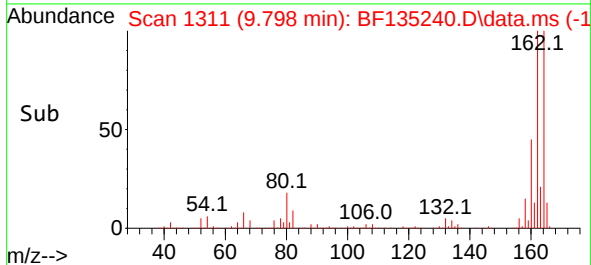
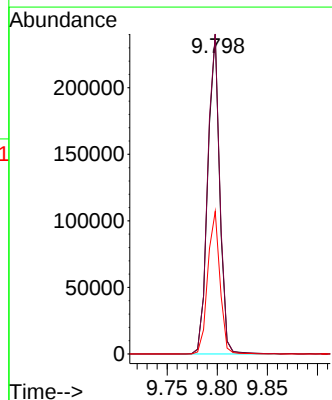
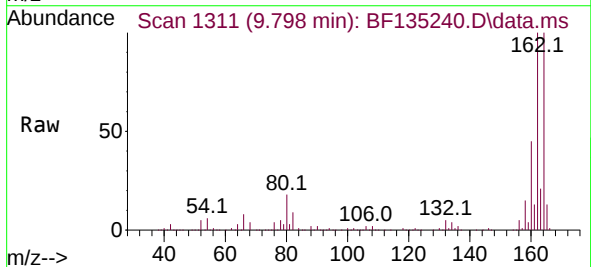
Instrument :
BNA_F
ClientSampleId :
TP3

Tgt Ion: 82 Resp: 754861
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: BF135240.D
Acq: 14 Sep 2023 00:39

Tgt Ion:164 Resp: 199222
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.4
160 44.6 37.0 55.4

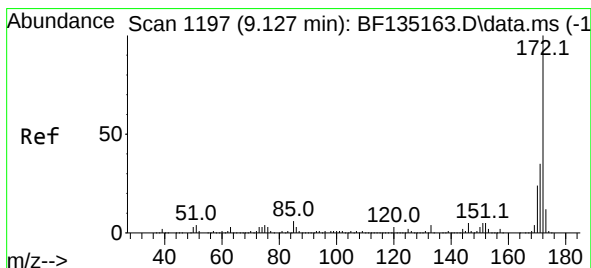
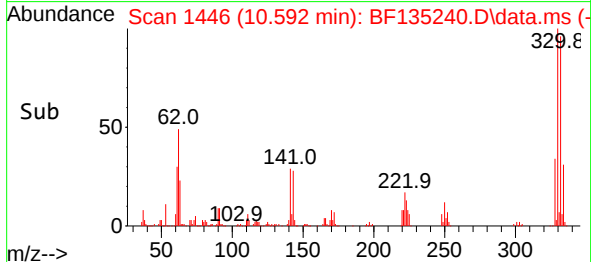
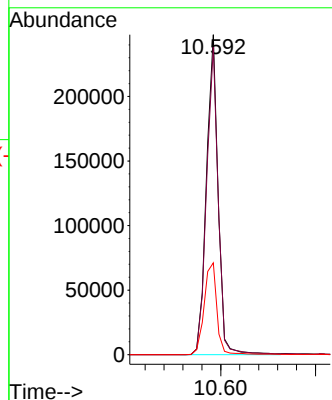
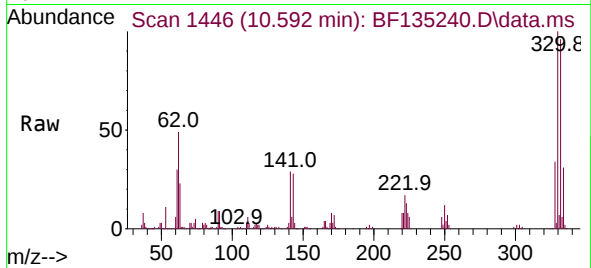




#42
2,4,6-Tribromophenol
Concen: 106.977 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135240.D
Acq: 14 Sep 2023 00:39

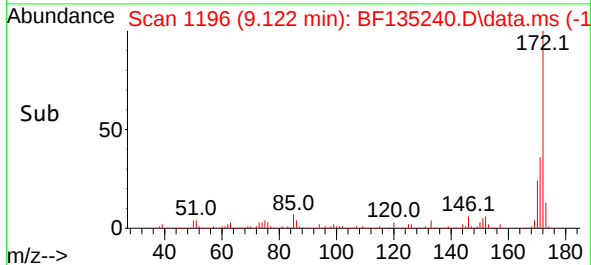
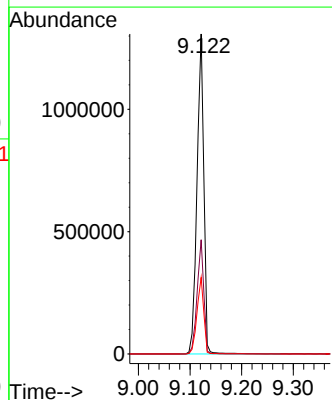
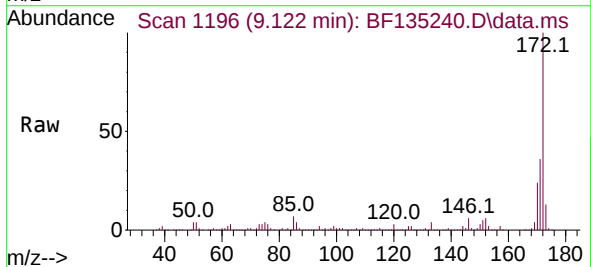
Instrument :
BNA_F
ClientSampleId :
TP3

Tgt Ion: 330 Resp: 211791
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 31.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 91.130 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135240.D
Acq: 14 Sep 2023 00:39

Tgt Ion: 172 Resp: 1203337
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.9 19.0 28.4

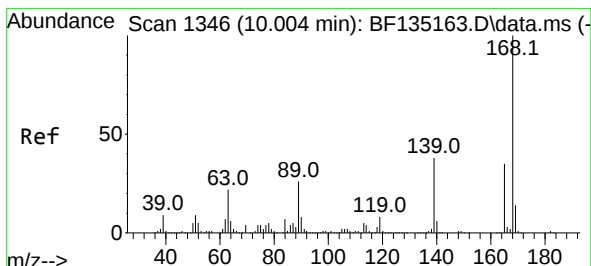
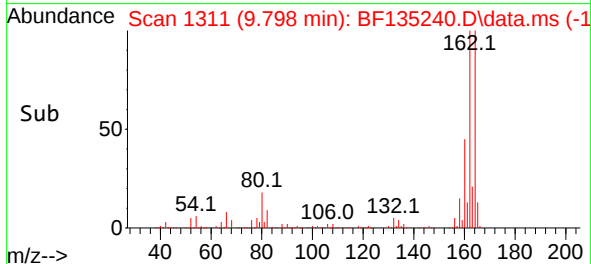
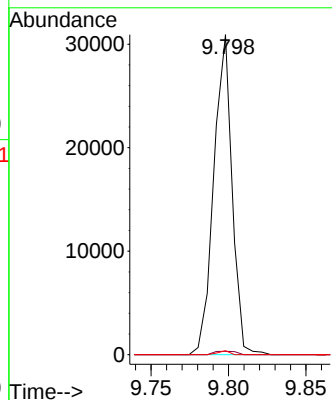
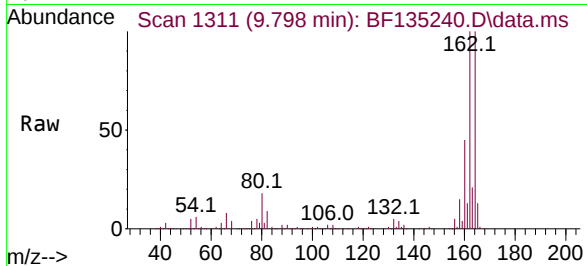




#51
2,6-Dinitrotoluene
Concen: 8.603 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF135240.D
Acq: 14 Sep 2023 00:39

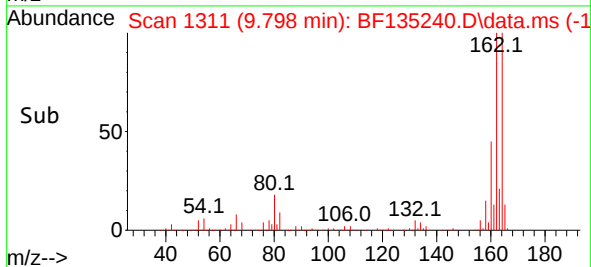
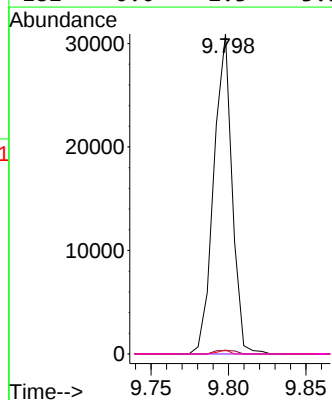
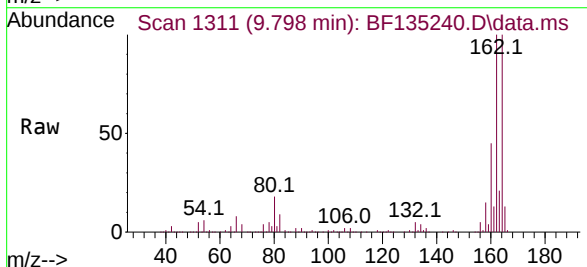
Instrument :
BNA_F
ClientSampleId :
TP3

Tgt Ion:165 Resp: 25386
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 1.3 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.872 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.206 min
Lab File: BF135240.D
Acq: 14 Sep 2023 00:39

Tgt Ion:165 Resp: 25386
Ion Ratio Lower Upper
165 100
63 1.0 50.1 75.1#
89 1.3 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135240.D

Acq: 14 Sep 2023 00:39

Instrument :

BNA_F

ClientSampleId :

TP3

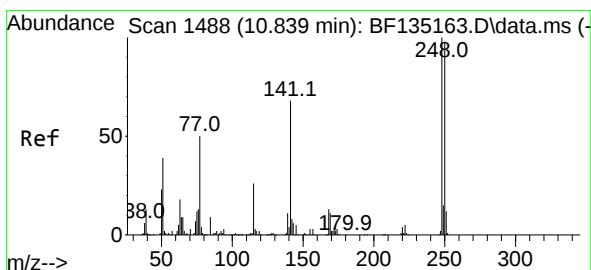
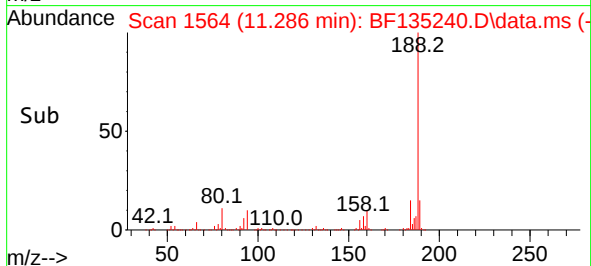
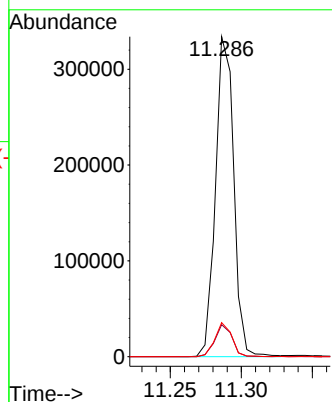
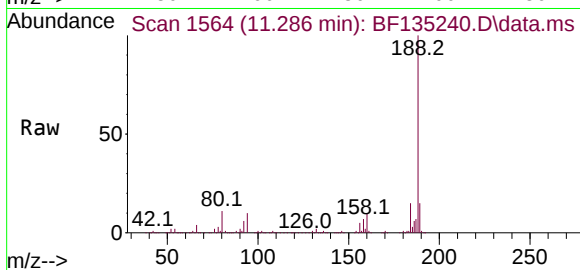
Tgt Ion:188 Resp: 297668

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.6

80 10.7 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.507 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF135240.D

Acq: 14 Sep 2023 00:39

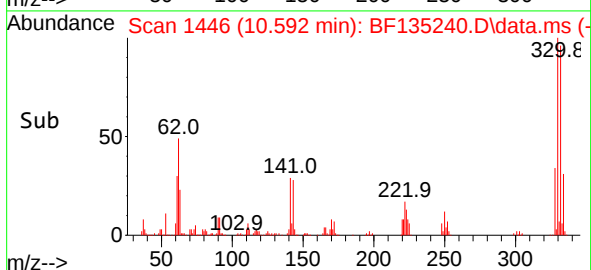
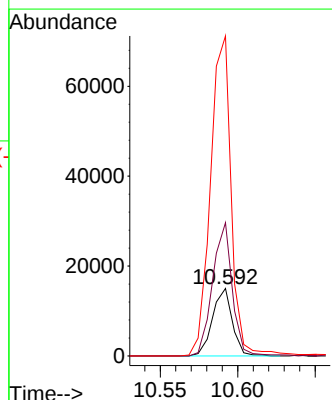
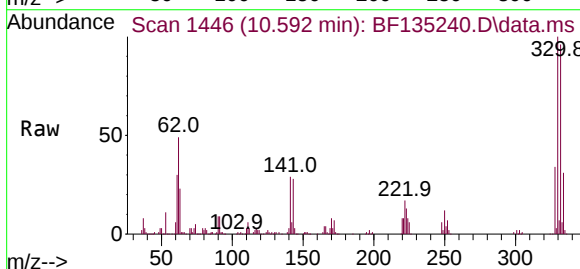
Tgt Ion:248 Resp: 13343

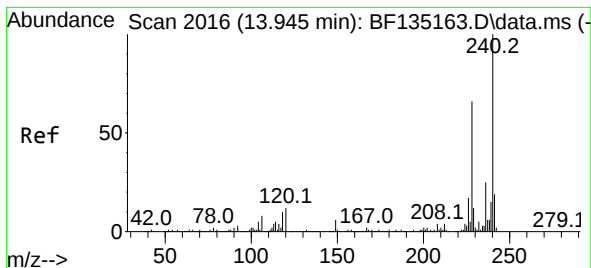
Ion Ratio Lower Upper

248 100

250 197.4 78.6 117.8#

141 474.1 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: BF135240.D

Acq: 14 Sep 2023 00:39

Instrument :

BNA_F

ClientSampleId :

TP3

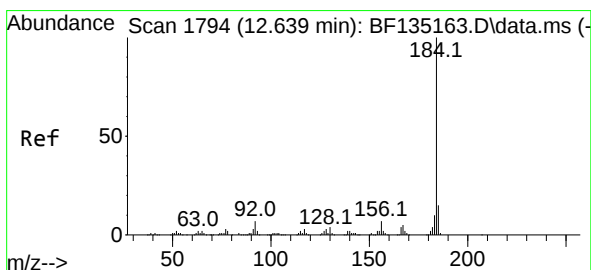
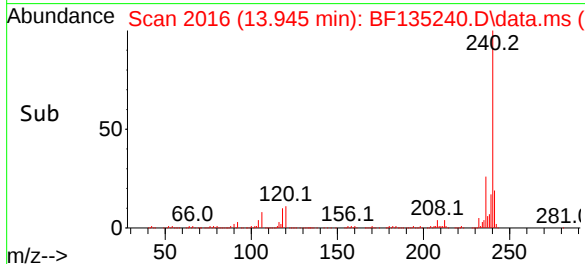
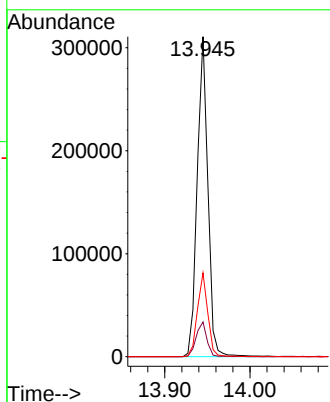
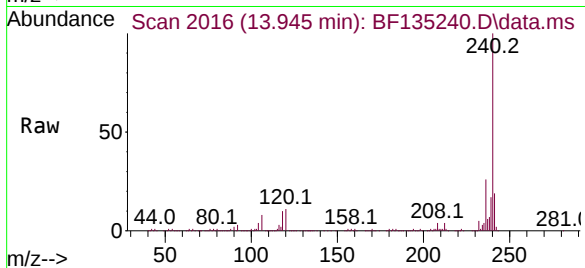
Tgt Ion:240 Resp: 270919

Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

236 26.2 19.8 29.8



#77

Benzidine

Concen: 2.434 ng

RT: 12.886 min Scan# 1836

Delta R.T. 0.247 min

Lab File: BF135240.D

Acq: 14 Sep 2023 00:39

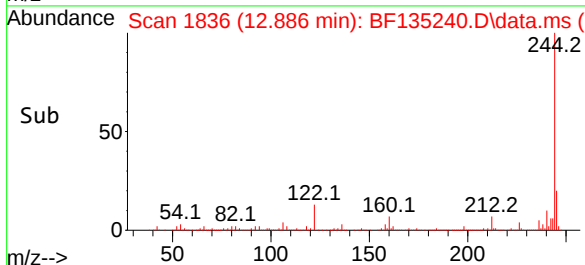
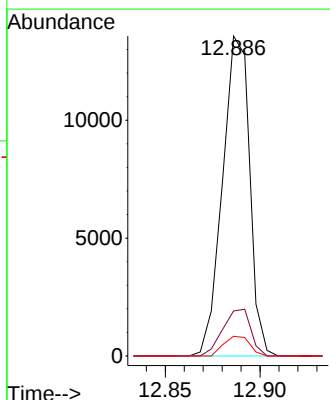
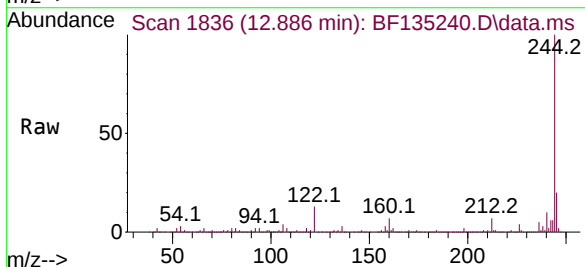
Tgt Ion:184 Resp: 13509

Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

183 6.2 8.2 12.4#

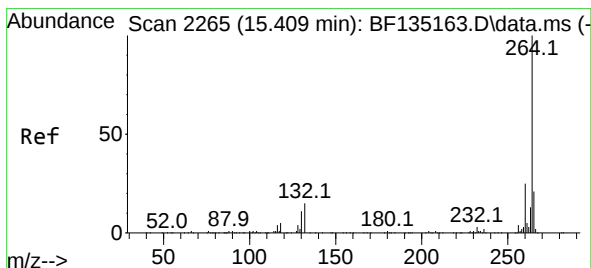
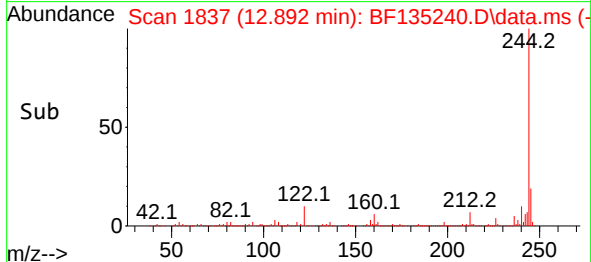
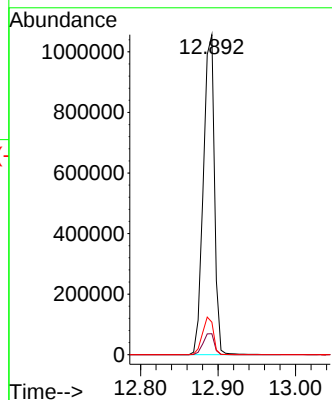
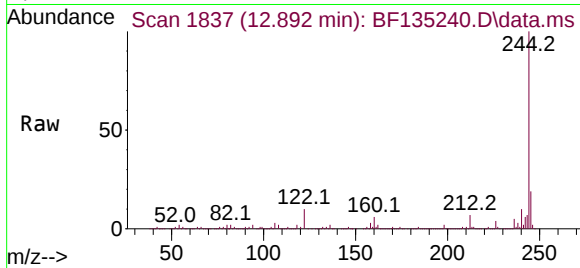




#79
 Terphenyl-d14
 Concen: 59.984 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF135240.D
 Acq: 14 Sep 2023 00:39

Instrument :
 BNA_F
 ClientSampleId :
 TP3

Tgt Ion:244 Resp: 1048312
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 10.2 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135240.D
 Acq: 14 Sep 2023 00:39

Tgt Ion:264 Resp: 254860
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.8 29.6
 265 21.1 17.0 25.4

