

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135310.D
 Acq On : 18 Sep 2023 17:05
 Operator : CG\JU
 Sample : 04416-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A591

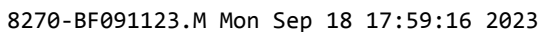
Quant Time: Sep 18 17:44:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

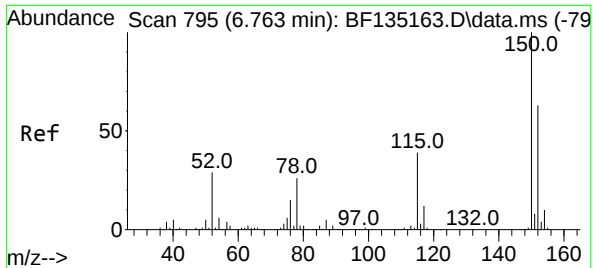
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	112656	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	327597	20.000	ng	#-0.01
39) Acenaphthene-d10	9.798	164	109751	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	104500	20.000	ng	# 0.03
76) Chrysene-d12	13.968	240	163457	20.000	ng	# 0.02
86) Perylene-d12	15.427	264	251038	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	340121	49.104	ng	0.00
7) Phenol-d6	6.398	99	250587	28.452	ng	0.00
23) Nitrobenzene-d5	7.322	82	524916	87.053	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	108952	99.896	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	759715	104.436	ng	-0.01
79) Terphenyl-d14	12.921	244	474721	45.022	ng	0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	70726	12.965	ng	# 81
25) Isophorone	7.322	82	524916	47.408	ng	# 65
51) 2,6-Dinitrotoluene	9.598	165	9069	5.579	ng	# 24
53) 3-Nitroaniline	9.745	138	11930	6.252	ng	# 25
54) 2,4-Dinitrophenol	9.869	184	377	6.624	ng	# 1
60) Diethylphthalate	10.222	149	22877	3.072	ng	# 24
62) 4-Nitroaniline	10.263	138	23867	13.012	ng	88
65) 4,6-Dinitro-2-methylph...	10.427	198	2172	3.913	ng	# 1
66) n-Nitrosodiphenylamine	10.480	169	34865	11.020	ng	# 56
69) Atrazine	11.039	200	9032	10.610	ng	# 1
70) Pentachlorophenol	11.169	266	2614	4.126	ng	# 44
74) Di-n-butylphthalate	11.880	149	40896	7.505	ng	# 24
75) Fluoranthene	12.551	202	13050	2.534	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.945	149	56486	10.046	ng	# 75

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

Quant Time: Sep 18 17:44:16 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

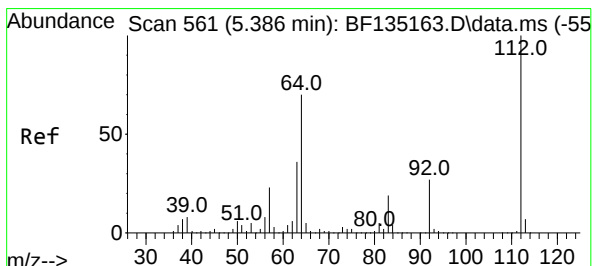
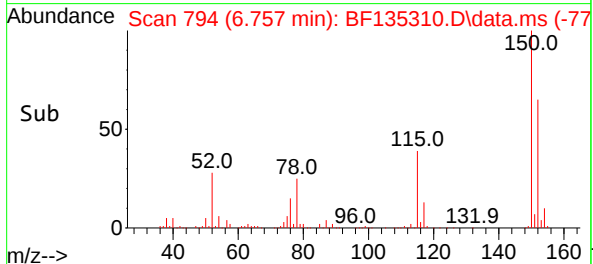
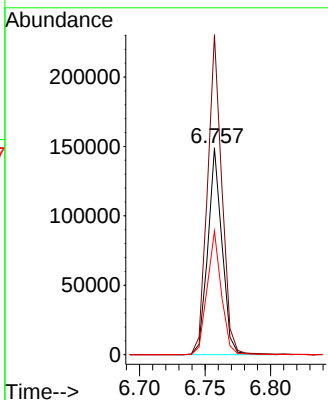
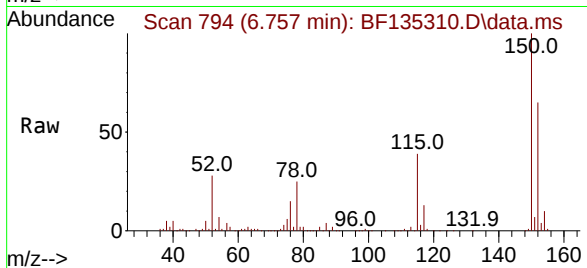




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135310.D
Acq: 18 Sep 2023 17:05

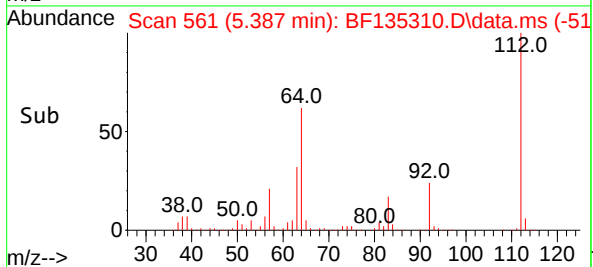
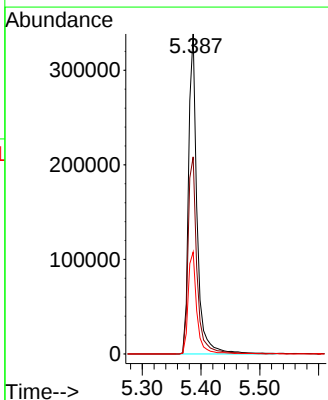
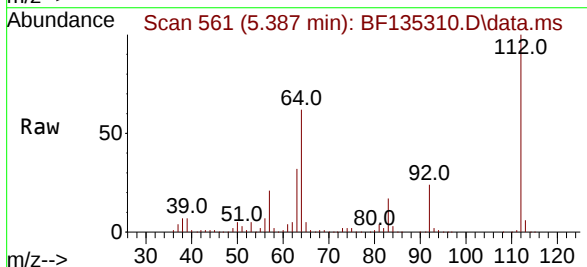
Instrument :
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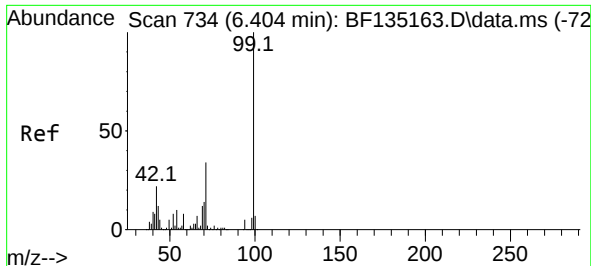
Tgt Ion:152 Resp: 112656
Ion Ratio Lower Upper
152 100
150 154.7 127.8 191.6
115 59.8 49.8 74.8



#5
2-Fluorophenol
Concen: 49.104 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135310.D
Acq: 18 Sep 2023 17:05

Tgt Ion:112 Resp: 340121
Ion Ratio Lower Upper
112 100
64 61.6 55.9 83.9
63 31.9 29.0 43.6

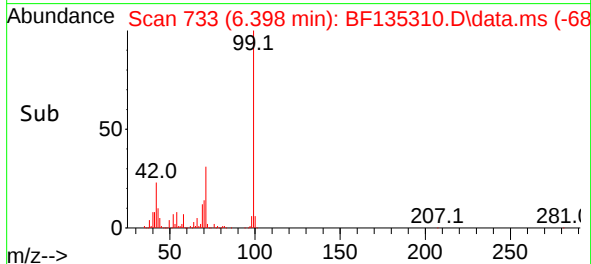
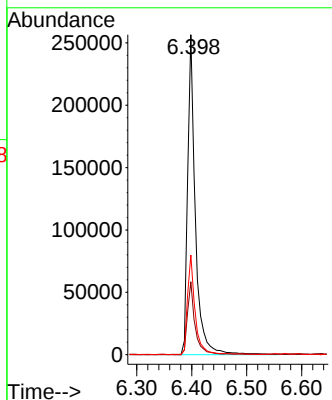
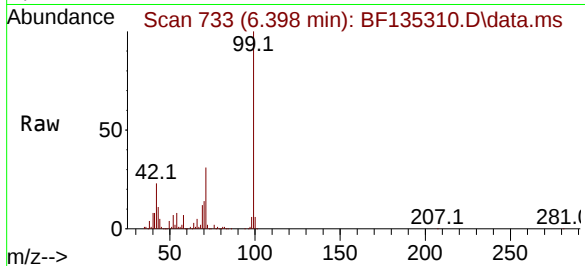




#7
Phenol-d6
Concen: 28.452 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135310.D
Acq: 18 Sep 2023 17:05

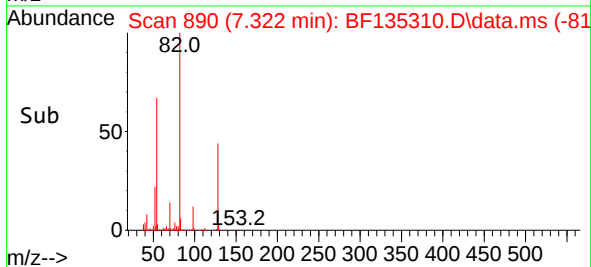
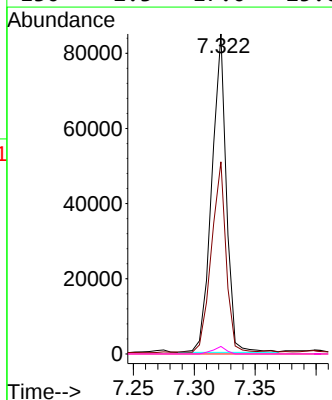
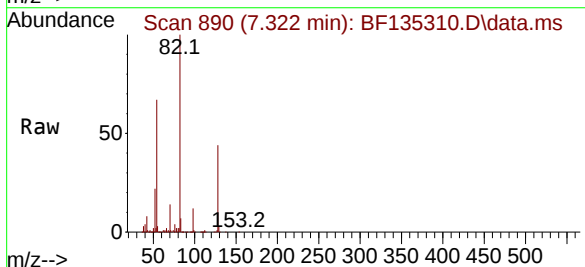
Instrument :
BNA_F
ClientSampleId :
A591

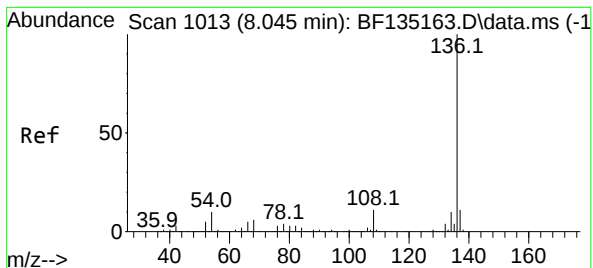
Tgt Ion: 99 Resp: 250587
Ion Ratio Lower Upper
99 100
42 22.8 17.9 26.9
71 31.1 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.965 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135310.D
Acq: 18 Sep 2023 17:05

Tgt Ion: 70 Resp: 70726
Ion Ratio Lower Upper
70 100
42 60.1 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# 1

Delta R.T. -0.012 min

Lab File: BF135310.D

Acq: 18 Sep 2023 17:05

Instrument :

BNA_F

ClientSampleId :

A591

Tgt Ion:136 Resp: 327597

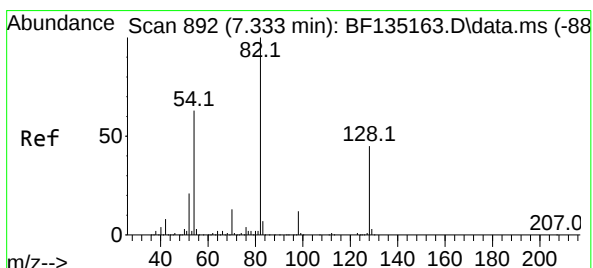
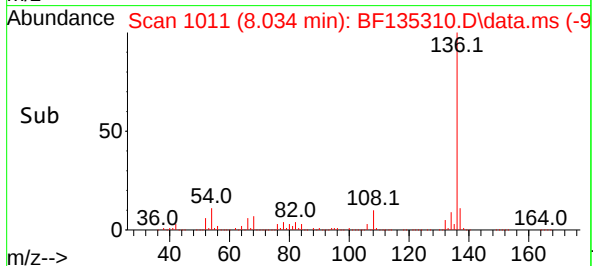
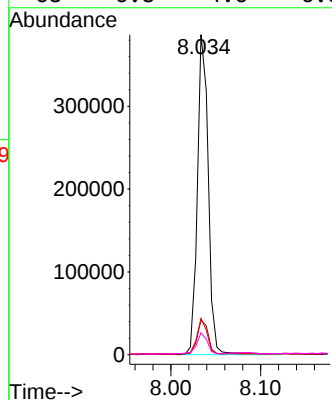
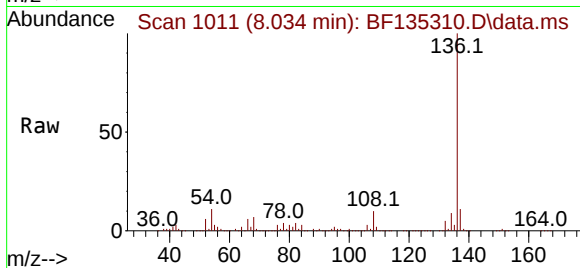
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 11.4 7.7 11.5

68 6.8 4.6 6.8#



#23

Nitrobenzene-d5

Concen: 87.053 ng

RT: 7.322 min Scan# 890

Delta R.T. -0.012 min

Lab File: BF135310.D

Acq: 18 Sep 2023 17:05

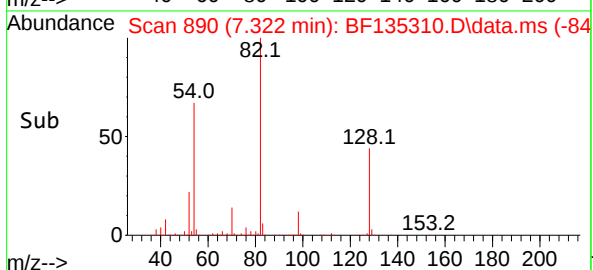
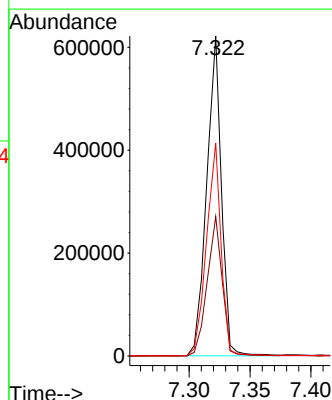
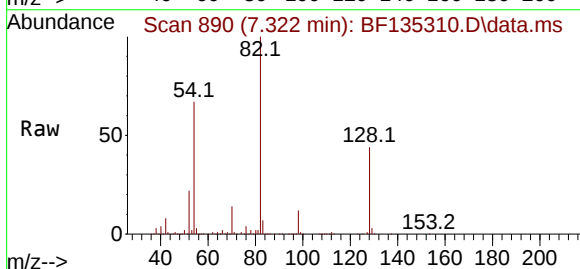
Tgt Ion: 82 Resp: 524916

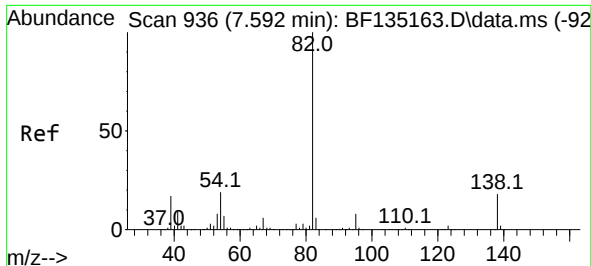
Ion Ratio Lower Upper

82 100

128 43.6 35.8 53.6

54 66.5 50.6 76.0





#25

Isophorone

Concen: 47.408 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.270 min

Lab File: BF135310.D

Acq: 18 Sep 2023 17:05

Instrument :

BNA_F

ClientSampleId :

A591

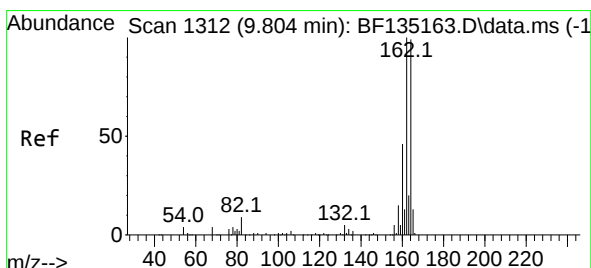
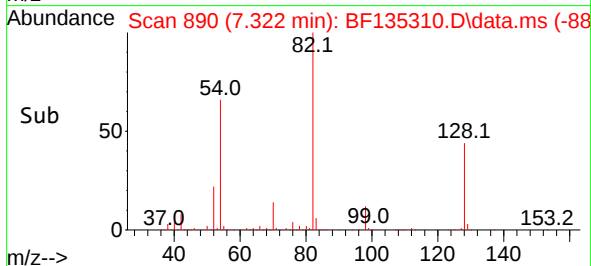
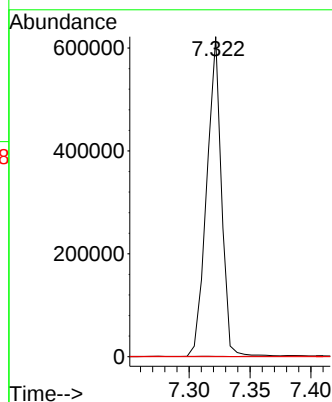
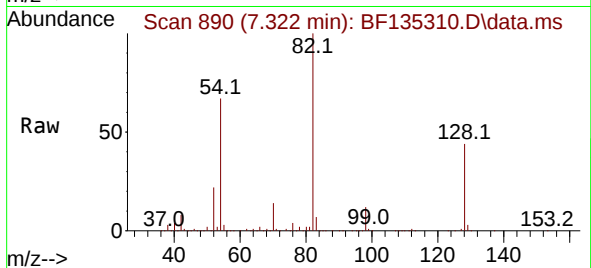
Tgt Ion: 82 Resp: 524916

Ion Ratio Lower Upper

82 100

95 0.1 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: BF135310.D

Acq: 18 Sep 2023 17:05

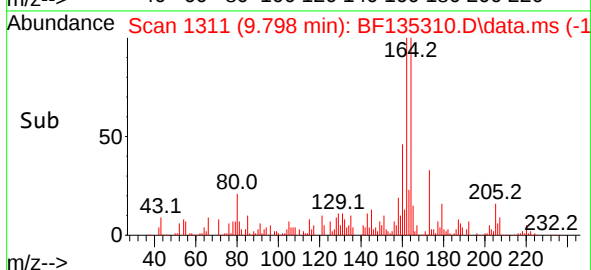
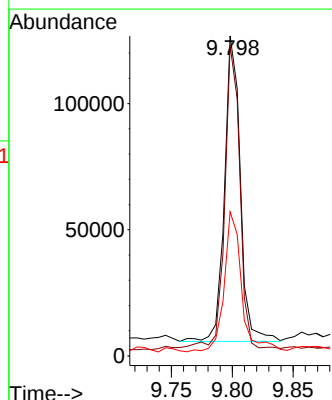
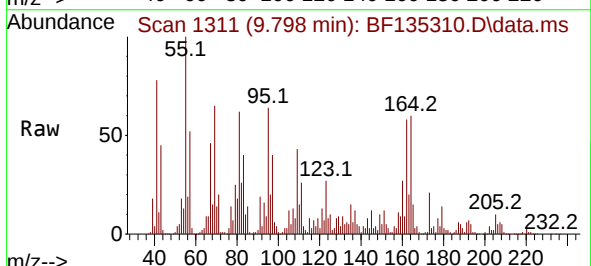
Tgt Ion:164 Resp: 109751

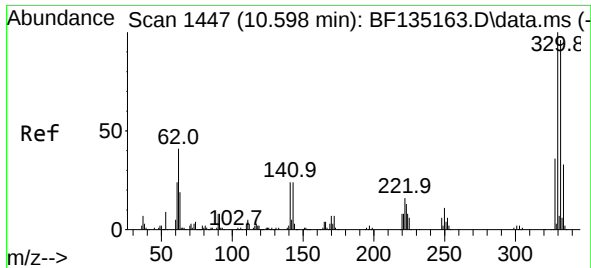
Ion Ratio Lower Upper

164 100

162 97.0 81.0 121.4

160 45.0 37.0 55.4

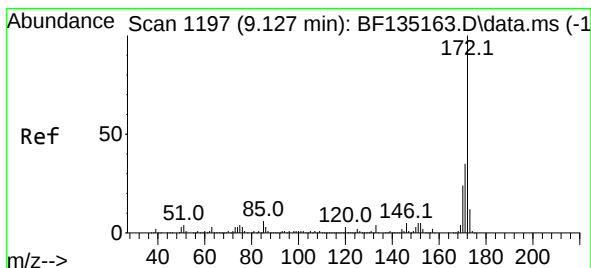
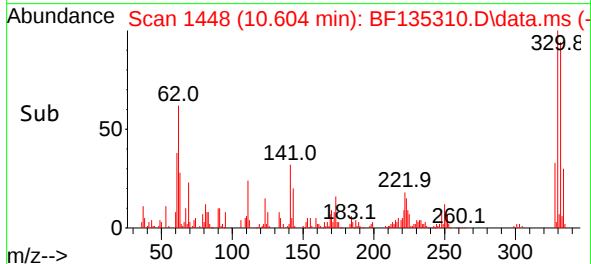
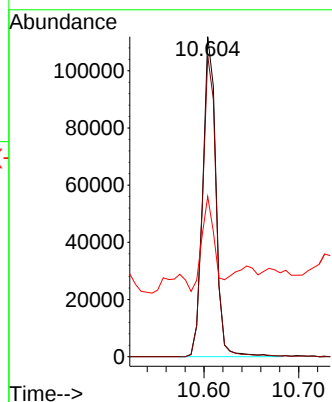
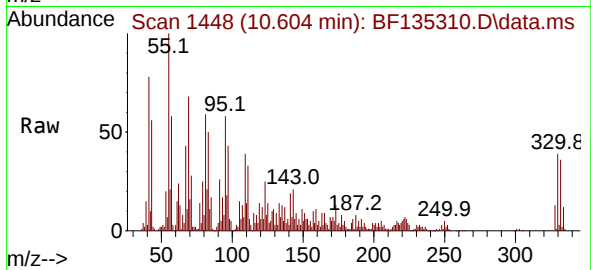




#42
2,4,6-Tribromophenol
Concen: 99.896 ng
RT: 10.604 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF135310.D
Acq: 18 Sep 2023 17:05

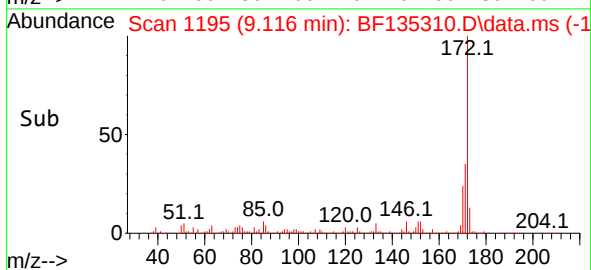
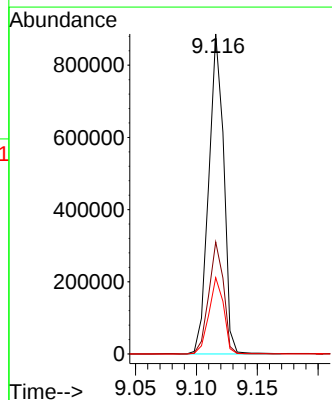
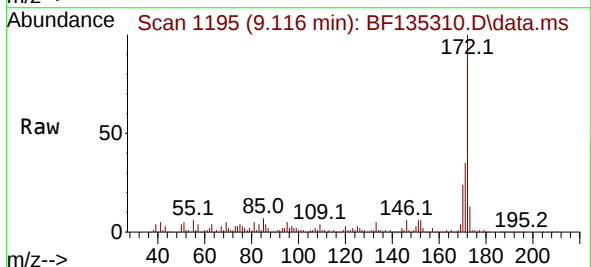
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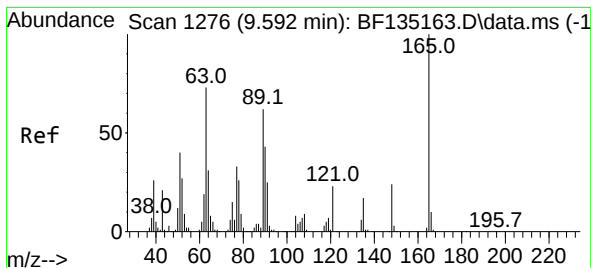
Tgt Ion:330 Resp: 108952
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 28.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 104.436 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135310.D
Acq: 18 Sep 2023 17:05

Tgt Ion:172 Resp: 759715
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.9 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 5.579 ng

RT: 9.598 min Scan# 1302

Delta R.T. 0.006 min

Lab File: BF135310.D

Acq: 18 Sep 2023 17:05

Instrument :

BNA_F

ClientSampleId :

A591

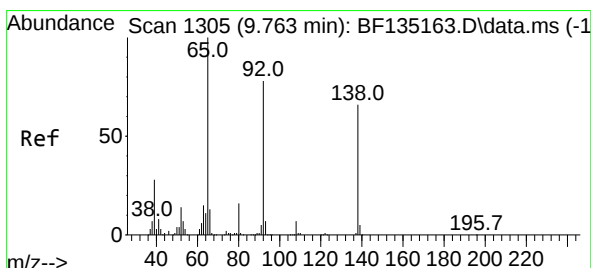
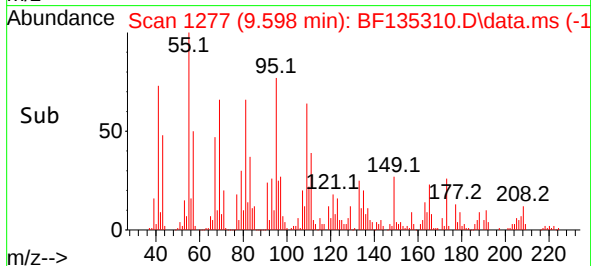
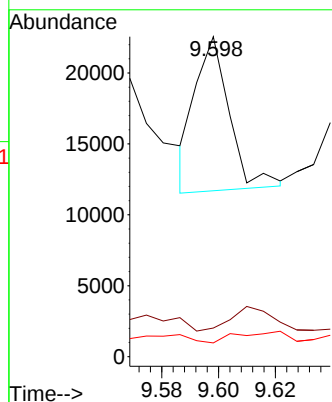
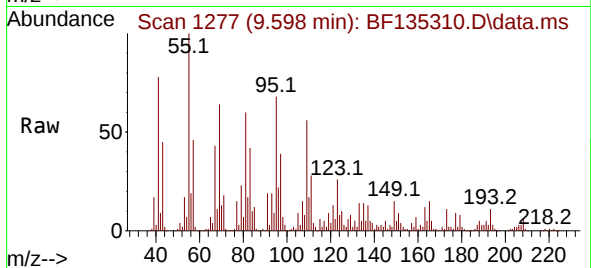
Tgt Ion:165 Resp: 9069

Ion Ratio Lower Upper

165 100

63 9.0 59.4 89.2#

89 4.3 49.8 74.8#



#53

3-Nitroaniline

Concen: 6.252 ng

RT: 9.745 min Scan# 1302

Delta R.T. -0.018 min

Lab File: BF135310.D

Acq: 18 Sep 2023 17:05

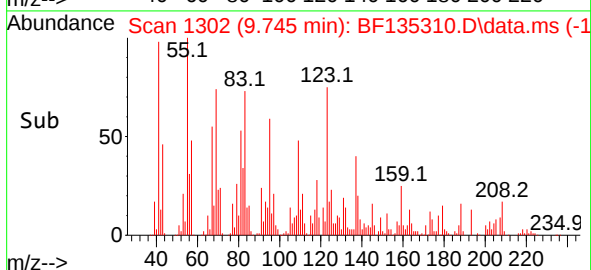
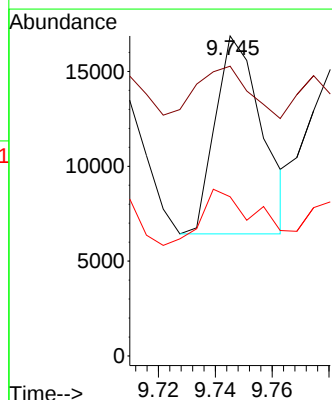
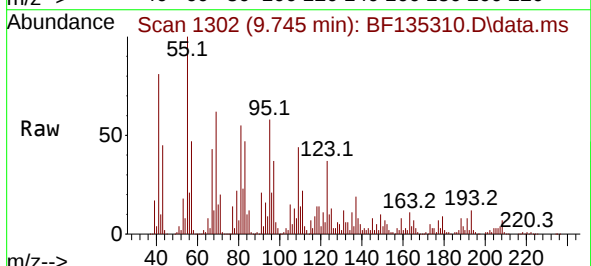
Tgt Ion:138 Resp: 11930

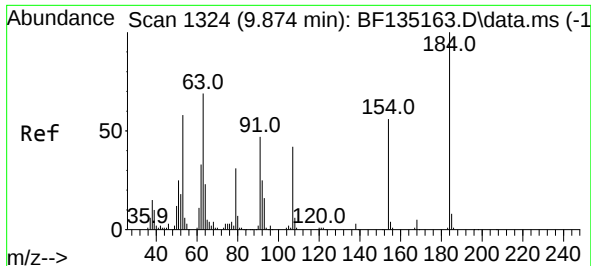
Ion Ratio Lower Upper

138 100

108 90.5 8.5 12.7#

92 49.7 95.4 143.0#

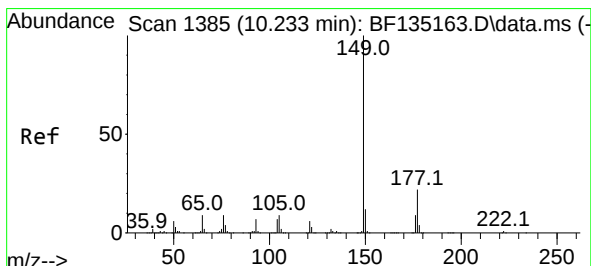
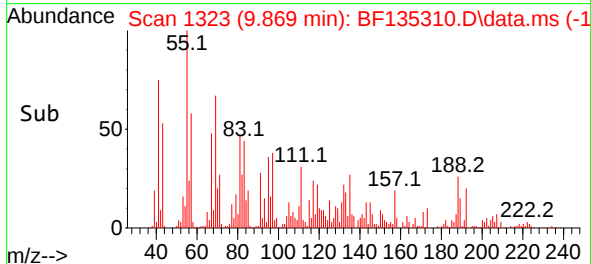
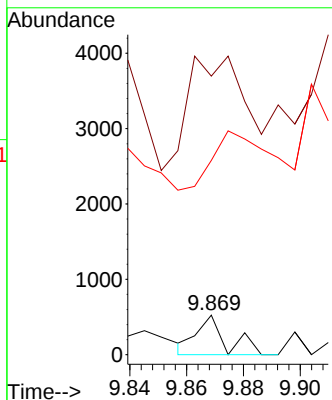
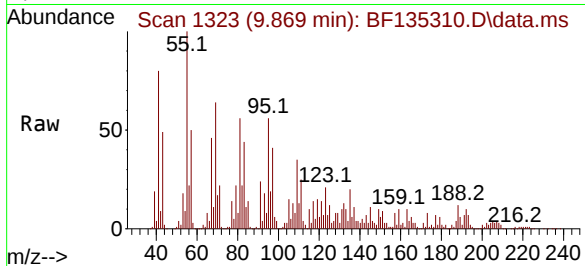




#54
2,4-Dinitrophenol
Concen: 6.624 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF135310.D
Acq: 18 Sep 2023 17:05

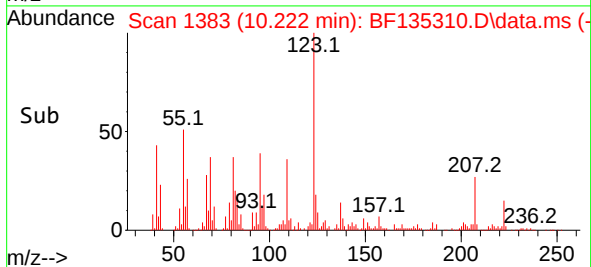
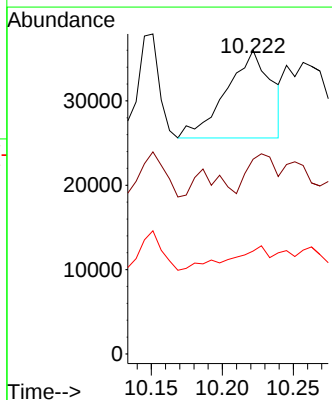
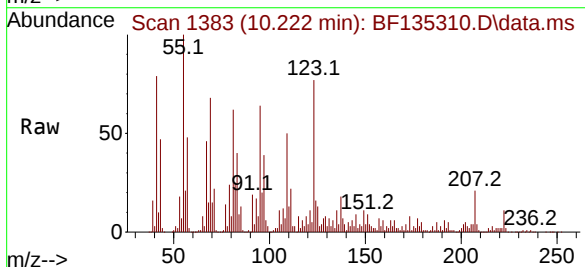
Instrument :
BNA_F
ClientSampleId :
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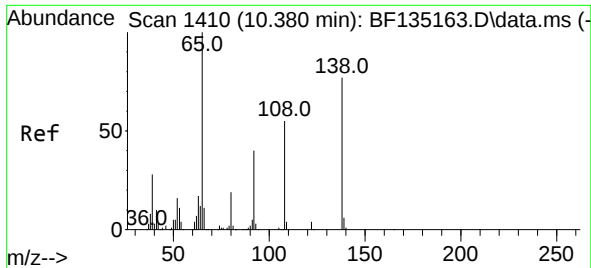
Tgt Ion:184 Resp: 377
Ion Ratio Lower Upper
184 100
63 704.2 55.1 82.7#
154 491.0 48.4 72.6#



#60
Diethylphthalate
Concen: 3.072 ng
RT: 10.222 min Scan# 1383
Delta R.T. -0.012 min
Lab File: BF135310.D
Acq: 18 Sep 2023 17:05

Tgt Ion:149 Resp: 22877
Ion Ratio Lower Upper
149 100
177 64.1 17.8 26.6#
150 33.9 10.0 15.0#

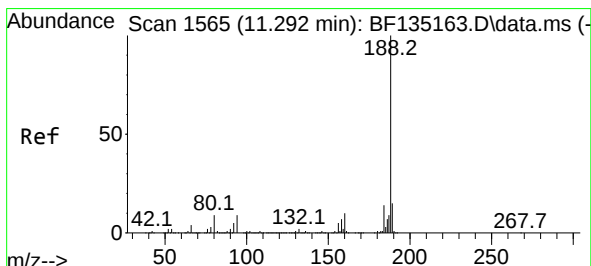
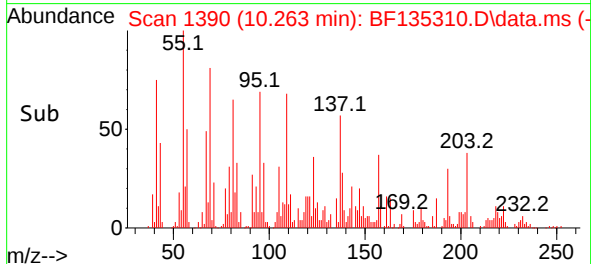
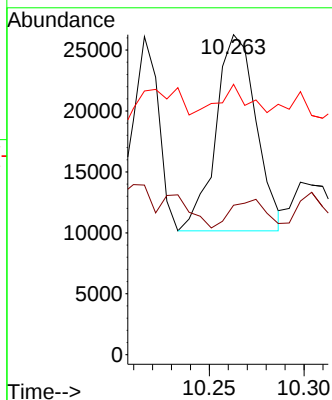
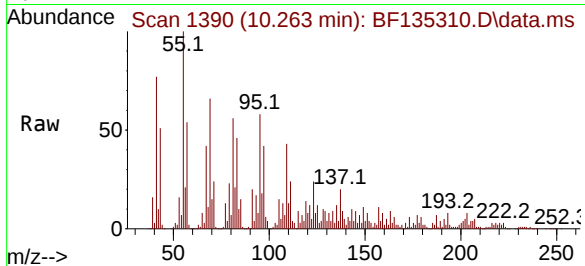




#62
4-Nitroaniline
Concen: 13.012 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.117 min
Lab File: BF135310.D
Acq: 18 Sep 2023 17:05

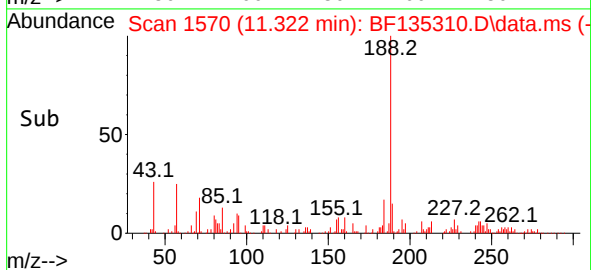
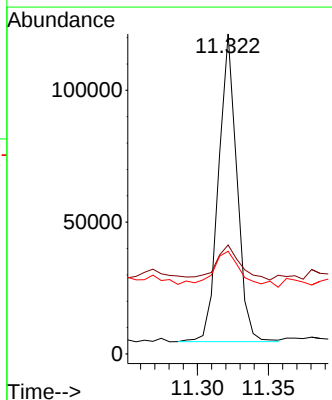
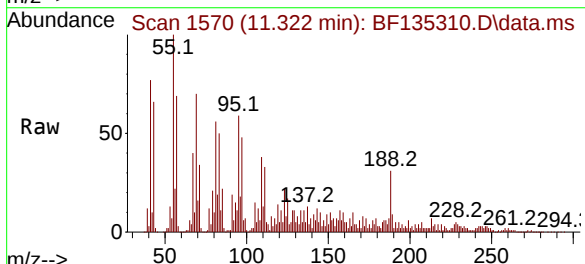
Instrument :
BNA_F
ClientSampleId :
A591

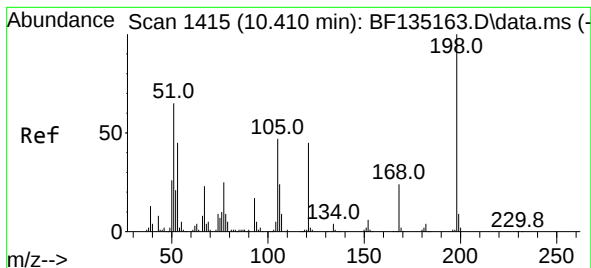
Tgt Ion:138 Resp: 23867
Ion Ratio Lower Upper
138 100
92 46.7 31.8 71.8
108 84.5 52.0 92.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.030 min
Lab File: BF135310.D
Acq: 18 Sep 2023 17:05

Tgt Ion:188 Resp: 104500
Ion Ratio Lower Upper
188 100
94 34.0 7.0 10.6#
80 32.1 7.5 11.3#

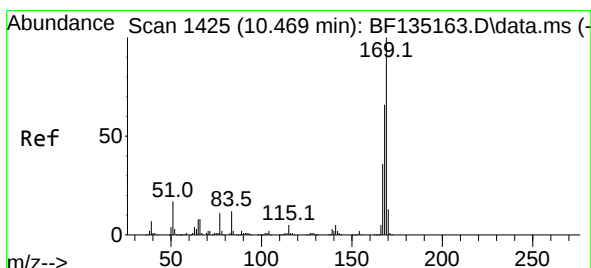
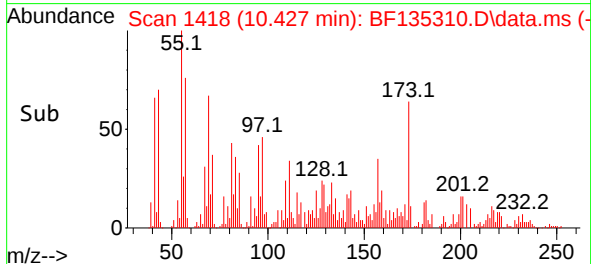
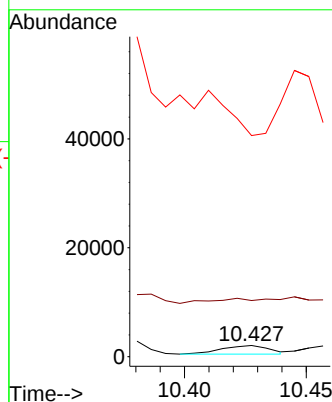
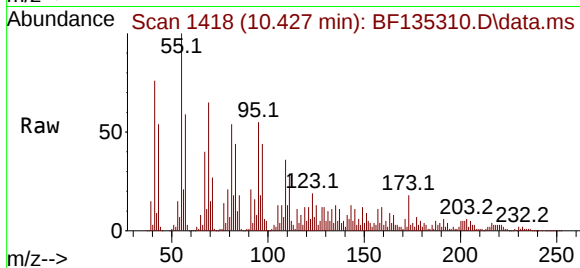




#65
4,6-Dinitro-2-methylphenol
Concen: 3.913 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.017 min
Lab File: BF135310.D
Acq: 18 Sep 2023 17:05

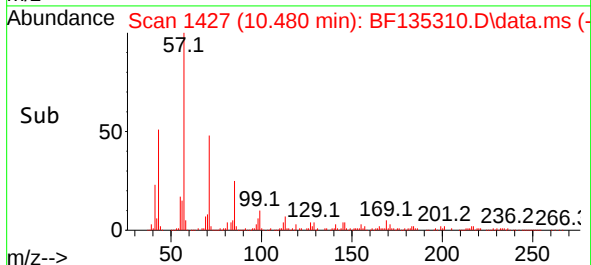
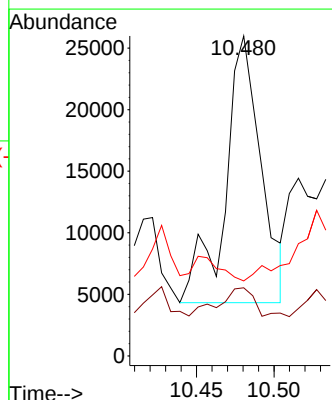
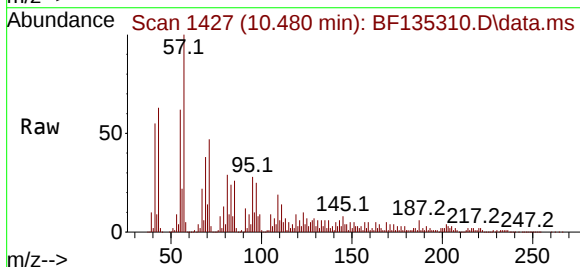
Instrument :
BNA_F
ClientSampleId :
A591

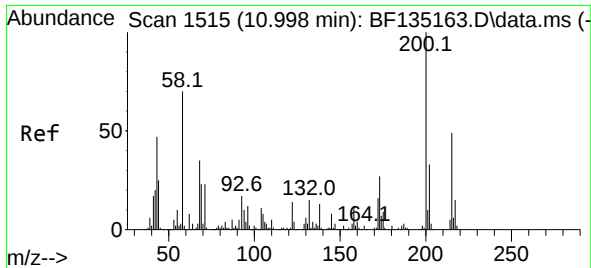
Tgt Ion:198 Resp: 2172
Ion Ratio Lower Upper
198 100
51 503.4 47.7 87.7#
105 1981.3 27.4 67.4#



#66
n-Nitrosodiphenylamine
Concen: 11.020 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.012 min
Lab File: BF135310.D
Acq: 18 Sep 2023 17:05

Tgt Ion:169 Resp: 34865
Ion Ratio Lower Upper
169 100
168 21.3 52.8 79.2#
167 23.5 29.0 43.6#

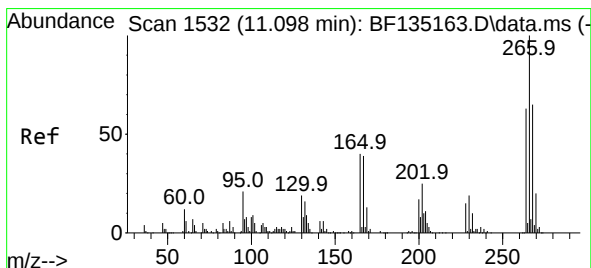
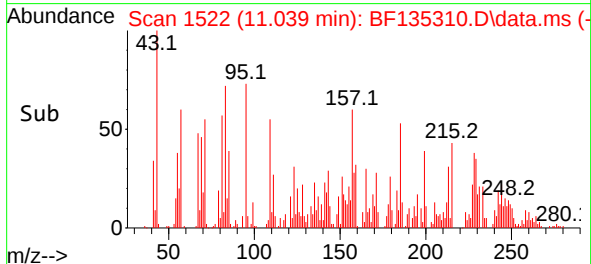
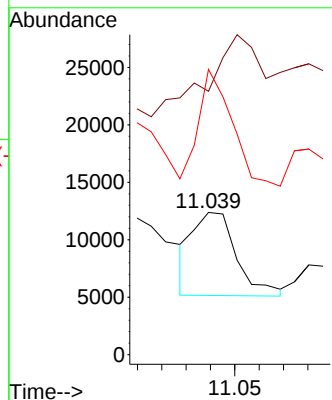
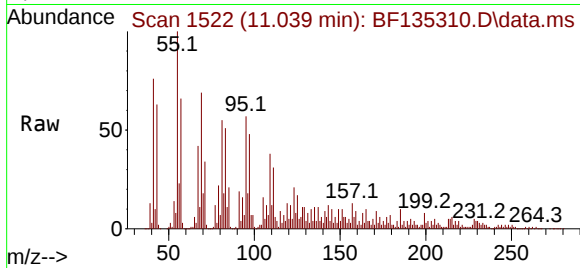




#69
 Atrazine
 Concen: 10.610 ng
 RT: 11.039 min Scan# 1515
 Delta R.T. 0.041 min
 Lab File: BF135310.D
 Acq: 18 Sep 2023 17:05

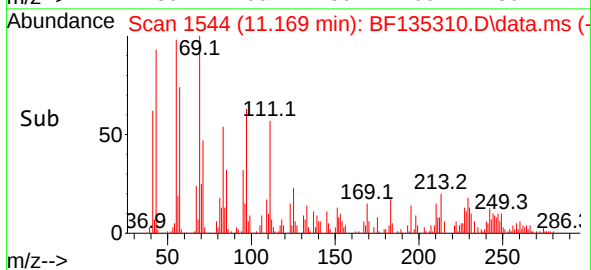
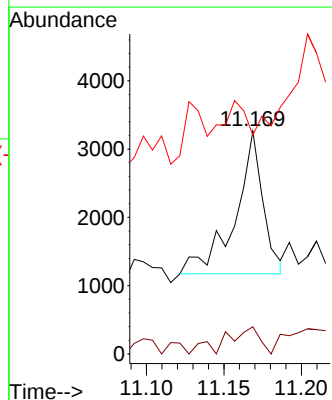
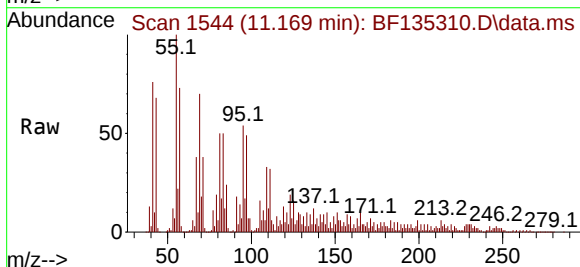
Instrument :
 BNA_F
 ClientSampleId :
 A591

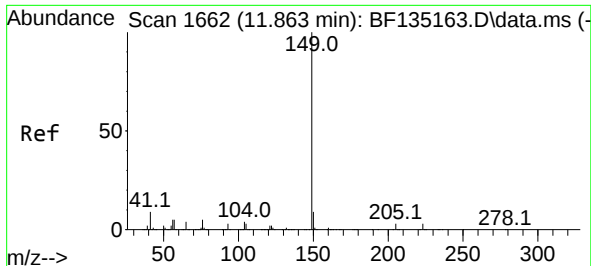
Tgt Ion:200 Resp: 9032
 Ion Ratio Lower Upper
 200 100
 173 185.2 7.4 47.4#
 215 200.7 28.6 68.6#



#70
 Pentachlorophenol
 Concen: 4.126 ng
 RT: 11.169 min Scan# 1544
 Delta R.T. 0.071 min
 Lab File: BF135310.D
 Acq: 18 Sep 2023 17:05

Tgt Ion:266 Resp: 2614
 Ion Ratio Lower Upper
 266 100
 268 12.2 52.1 78.1#
 264 98.3 50.8 76.2#

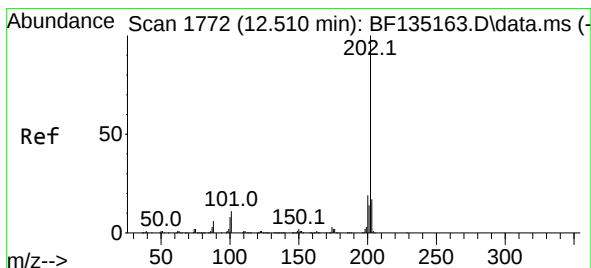
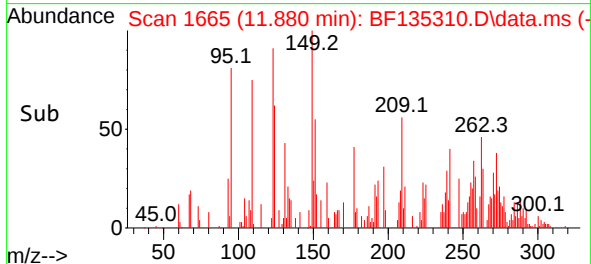
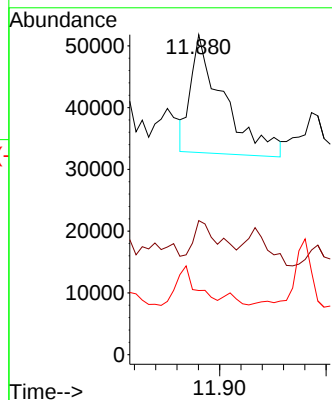
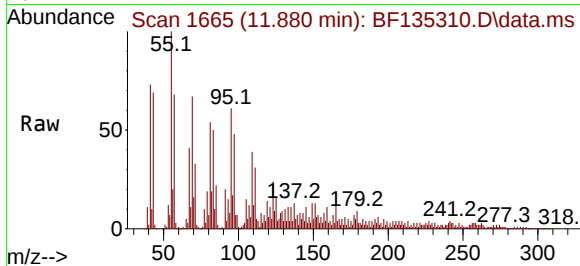




#74
Di-n-butylphthalate
Concen: 7.505 ng
RT: 11.880 min Scan# 1665
Delta R.T. 0.018 min
Lab File: BF135310.D
Acq: 18 Sep 2023 17:05

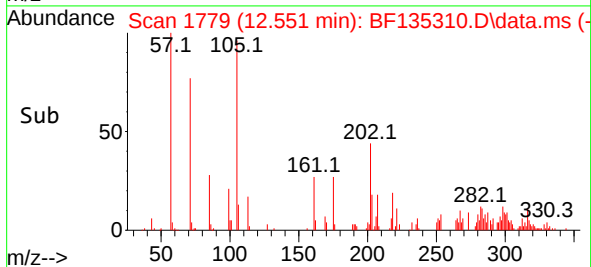
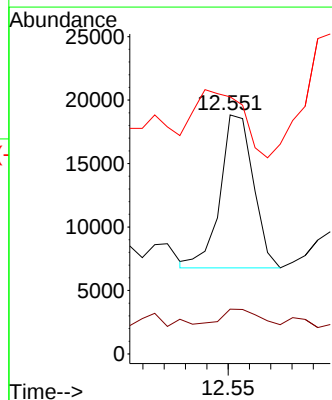
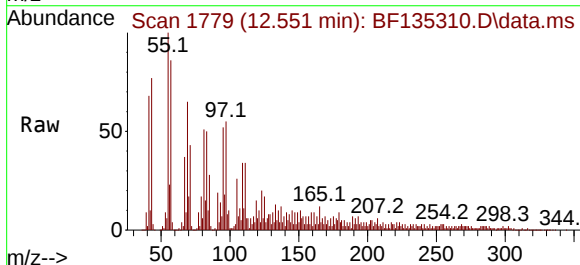
Instrument :
BNA_F
ClientSampleId :
A591

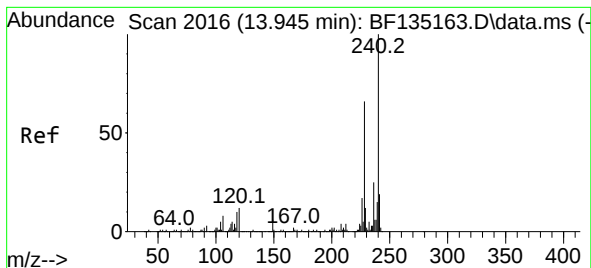
Tgt Ion:149 Resp: 40896
Ion Ratio Lower Upper
149 100
150 41.9 7.4 11.0#
104 20.0 3.6 5.4#



#75
Fluoranthene
Concen: 2.534 ng
RT: 12.551 min Scan# 1779
Delta R.T. 0.041 min
Lab File: BF135310.D
Acq: 18 Sep 2023 17:05

Tgt Ion:202 Resp: 13050
Ion Ratio Lower Upper
202 100
101 18.7 0.0 31.3
203 107.6 0.0 37.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF135310.D

Acq: 18 Sep 2023 17:05

Instrument :

BNA_F

ClientSampleId :

A591

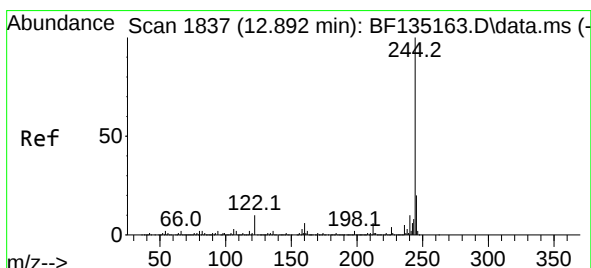
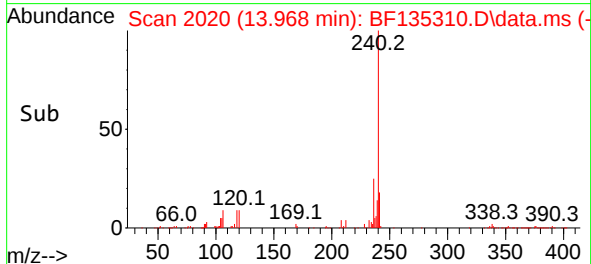
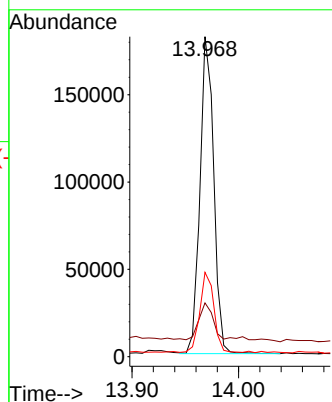
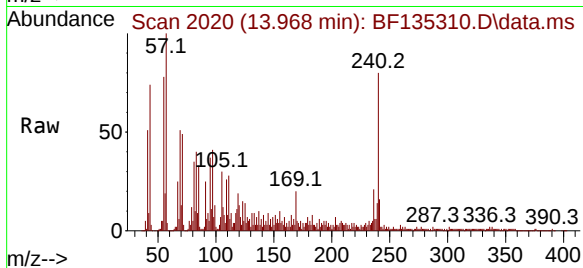
Tgt Ion:240 Resp: 163457

Ion Ratio Lower Upper

240 100

120 16.8 9.4 14.2#

236 26.3 19.8 29.8



#79

Terphenyl-d14

Concen: 45.022 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.030 min

Lab File: BF135310.D

Acq: 18 Sep 2023 17:05

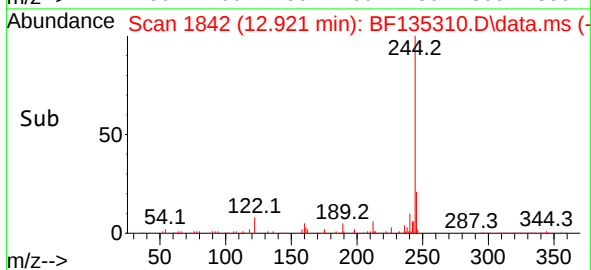
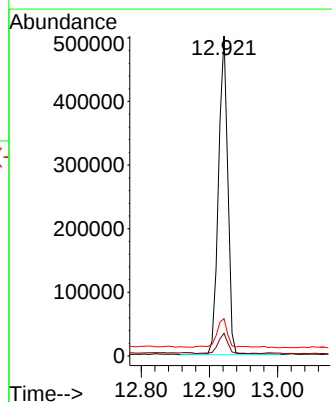
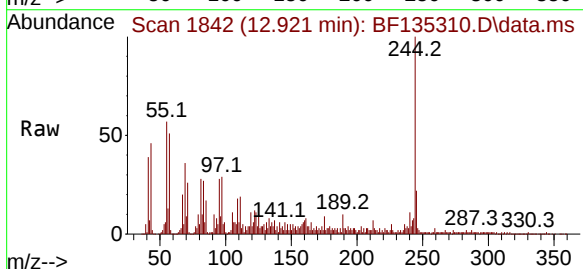
Tgt Ion:244 Resp: 474721

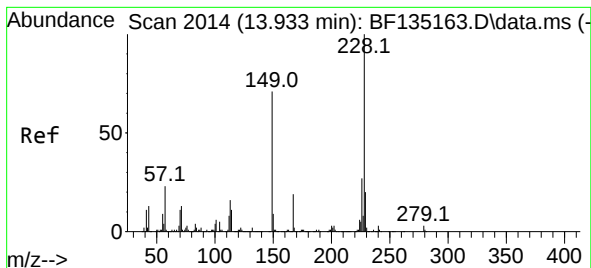
Ion Ratio Lower Upper

244 100

212 7.0 5.1 7.7

122 11.7 7.9 11.9

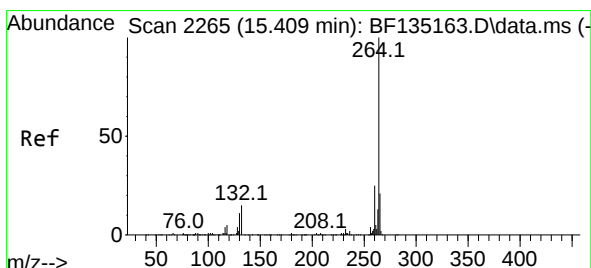
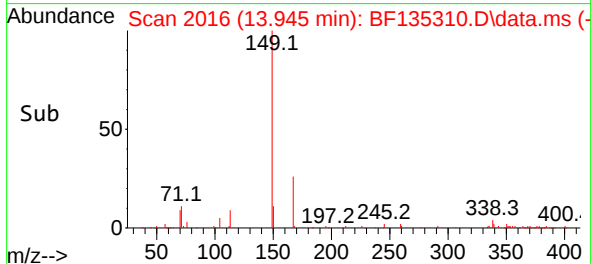
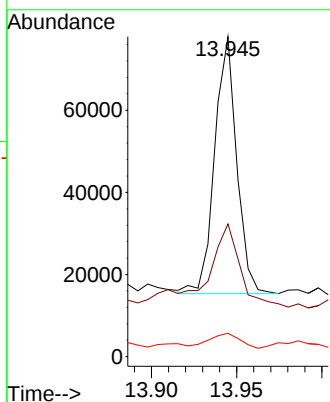
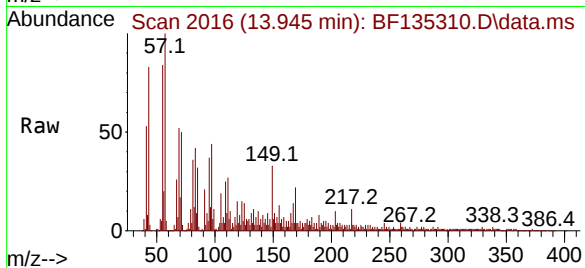




#84
Bis(2-ethylhexyl)phthalate
Concen: 10.046 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.012 min
Lab File: BF135310.D
Acq: 18 Sep 2023 17:05

Instrument :
BNA_F
ClientSampleId :
A591

Tgt Ion:149 Resp: 56486
Ion Ratio Lower Upper
149 100
167 41.5 21.9 32.9#
279 7.3 3.3 4.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.018 min
Lab File: BF135310.D
Acq: 18 Sep 2023 17:05

Tgt Ion:264 Resp: 251038
Ion Ratio Lower Upper
264 100
260 23.2 19.8 29.6
265 21.9 17.0 25.4

