

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135227.D
 Acq On : 13 Sep 2023 17:36
 Operator : CG\JU
 Sample : 04363-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11940

Quant Time: Sep 13 20:41:46 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)

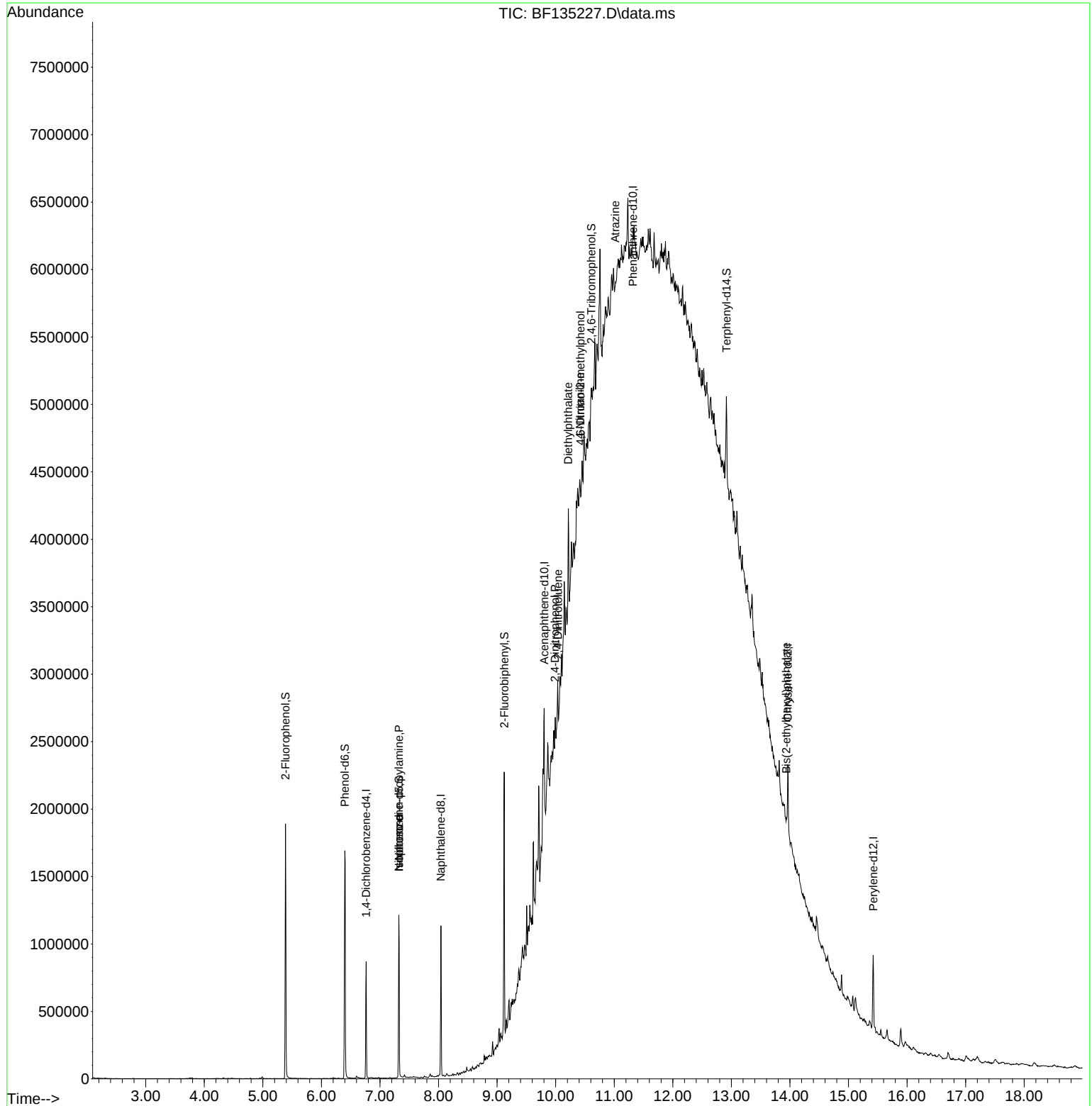
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	118412	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	418485	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	150577	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	133193	20.000	ng	# 0.03
76) Chrysene-d12	13.963	240	194197	20.000	ng	# 0.02
86) Perylene-d12	15.421	264	265346	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	465123	63.887	ng	0.00
7) Phenol-d6	6.398	99	582207	62.891	ng	0.00
23) Nitrobenzene-d5	7.322	82	357908	46.465	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	75475	50.439	ng	0.01
45) 2-Fluorobiphenyl	9.122	172	573589	57.471	ng	0.00
79) Terphenyl-d14	12.916	244	358105	28.586	ng	0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	49842	8.692	ng	# 83
25) Isophorone	7.322	82	357902	25.304	ng	# 65
54) 2,4-Dinitrophenol	9.986	184	139	6.349	ng	# 1
57) 2,4-Dinitrotoluene	10.039	165	9018	3.230	ng	# 29
60) Diethylphthalate	10.216	149	21321	2.087	ng	# 50
62) 4-Nitroaniline	10.416	138	7209	2.865	ng	# 50
65) 4,6-Dinitro-2-methylph...	10.422	198	1699	2.402	ng	# 1
69) Atrazine	11.016	200	3390	3.124	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.939	149	22188	3.322	ng	# 81

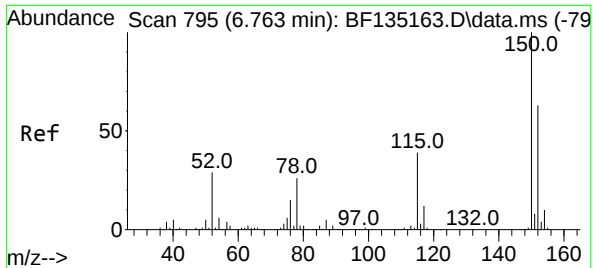
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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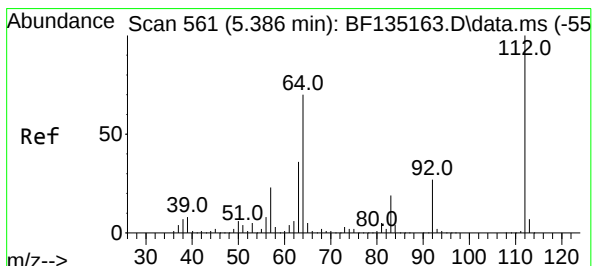
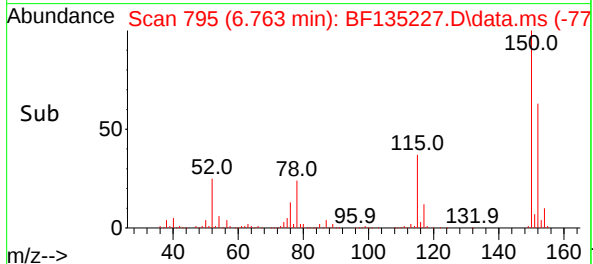
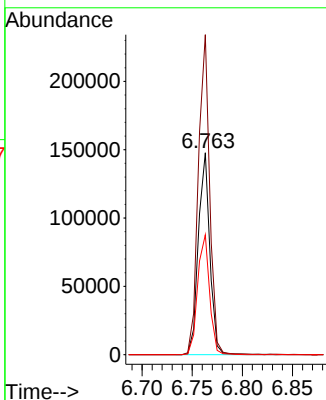
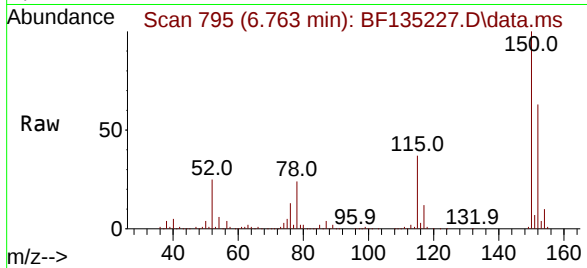




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135227.D
 Acq: 13 Sep 2023 17:36

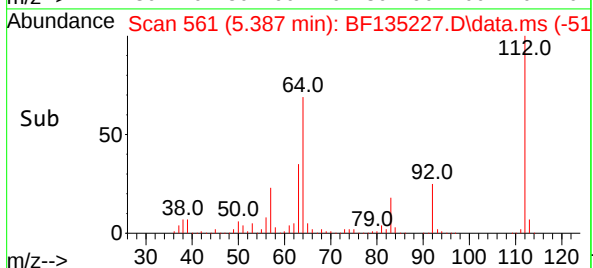
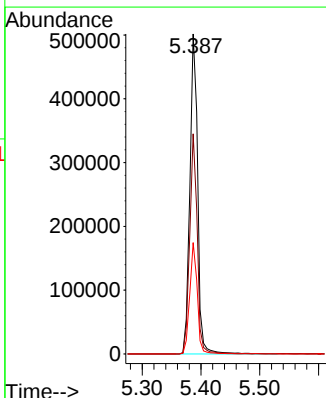
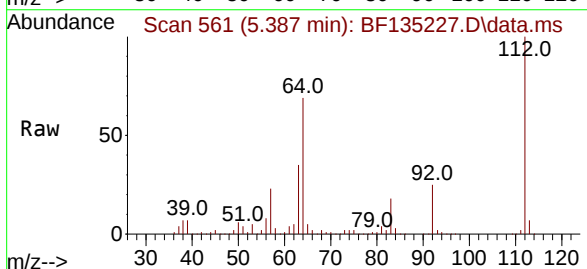
Instrument :
 BNA_F
 ClientSampleId :
 72-11940

Tgt Ion:152 Resp: 118412
 Ion Ratio Lower Upper
 152 100
 150 158.5 127.8 191.6
 115 59.3 49.8 74.8



#5
 2-Fluorophenol
 Concen: 63.887 ng
 RT: 5.387 min Scan# 561
 Delta R.T. 0.000 min
 Lab File: BF135227.D
 Acq: 13 Sep 2023 17:36

Tgt Ion:112 Resp: 465123
 Ion Ratio Lower Upper
 112 100
 64 68.8 55.9 83.9
 63 34.8 29.0 43.6

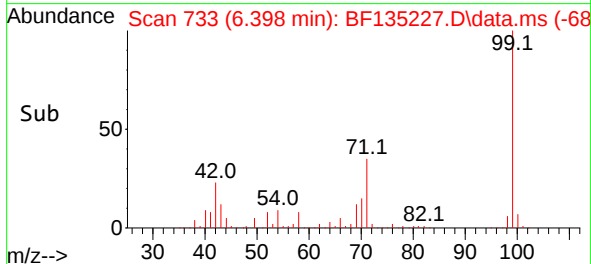
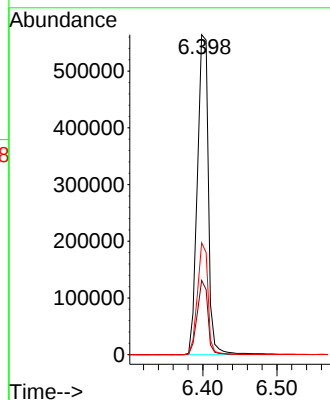
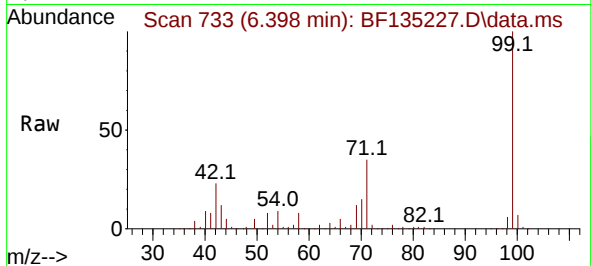




#7
Phenol-d6
Concen: 62.891 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135227.D
Acq: 13 Sep 2023 17:36

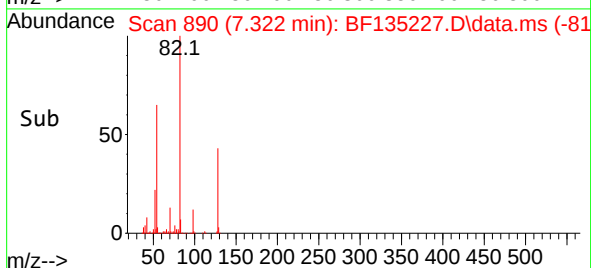
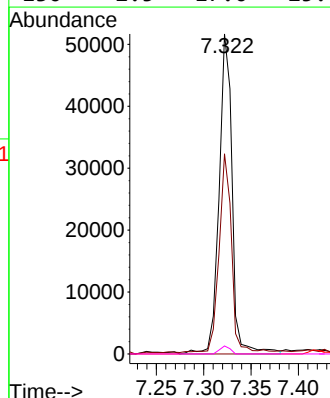
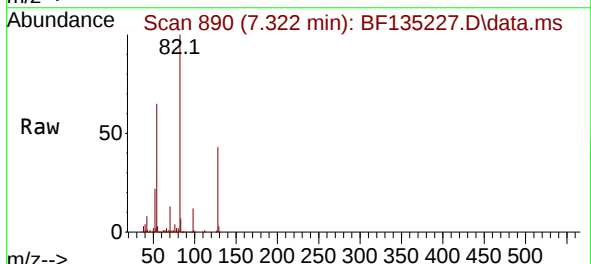
Instrument :
BNA_F
ClientSampleId :
72-11940

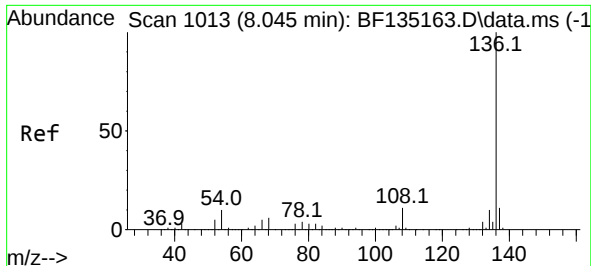
Tgt Ion: 99 Resp: 582207
Ion Ratio Lower Upper
99 100
42 23.2 17.9 26.9
71 34.9 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 8.692 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.136 min
Lab File: BF135227.D
Acq: 13 Sep 2023 17:36

Tgt Ion: 70 Resp: 49842
Ion Ratio Lower Upper
70 100
42 62.5 55.4 83.0
101 0.0 7.7 11.5#
130 2.5 17.0 25.6#

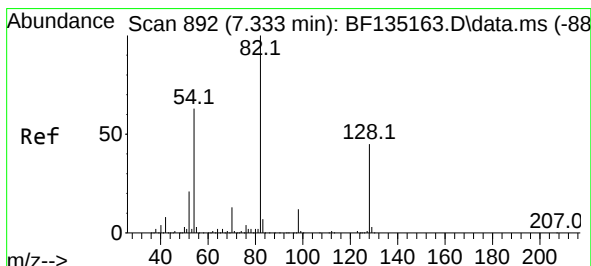
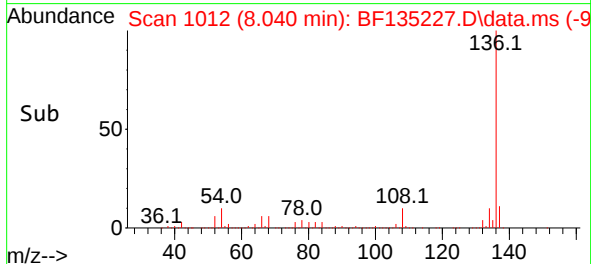
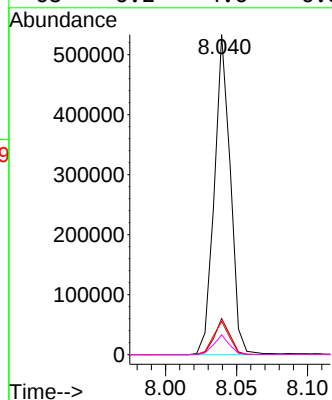
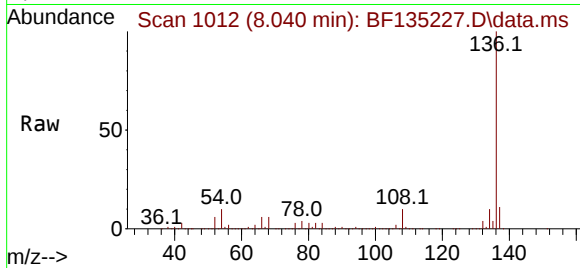




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135227.D
Acq: 13 Sep 2023 17:36

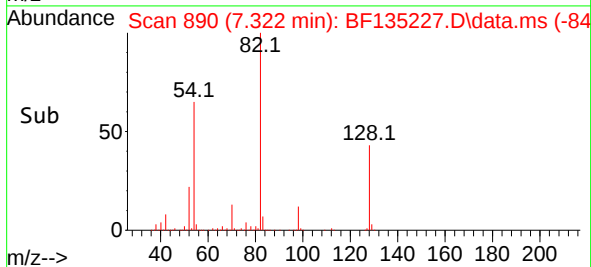
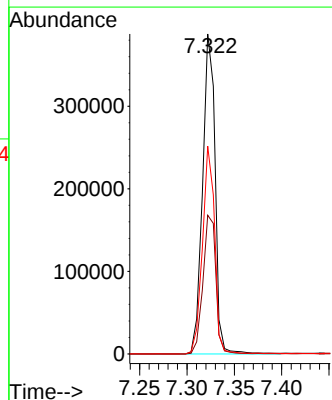
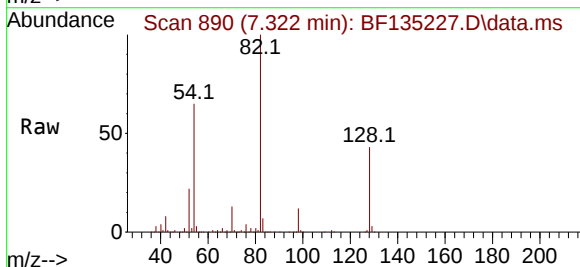
Instrument :
BNA_F
ClientSampleId :
72-11940

Tgt Ion:136	Resp: 418485
Ion Ratio	Lower Upper
136	100
137	11.3 8.8 13.2
54	10.4 7.7 11.5
68	6.2 4.6 6.8



#23
Nitrobenzene-d5
Concen: 46.465 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135227.D
Acq: 13 Sep 2023 17:36

Tgt Ion: 82	Resp: 357908
Ion Ratio	Lower Upper
82	100
128	43.4 35.8 53.6
54	65.0 50.6 76.0

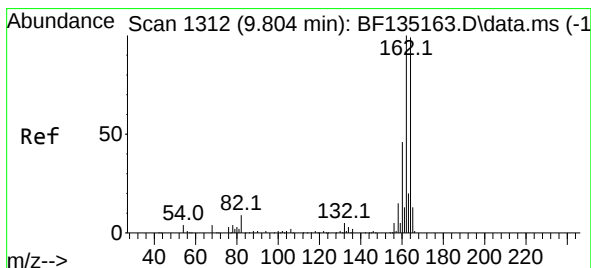
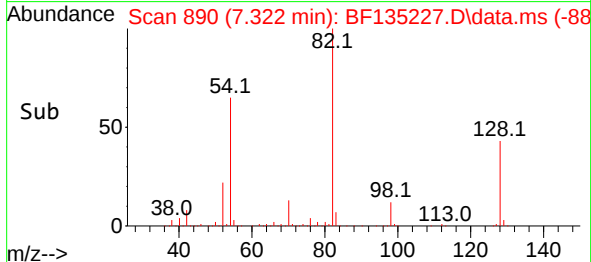
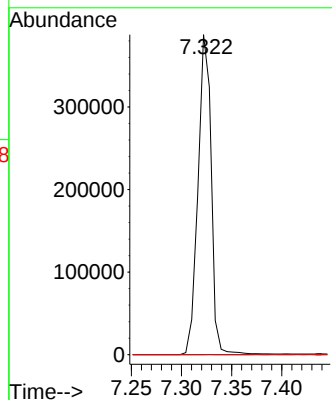
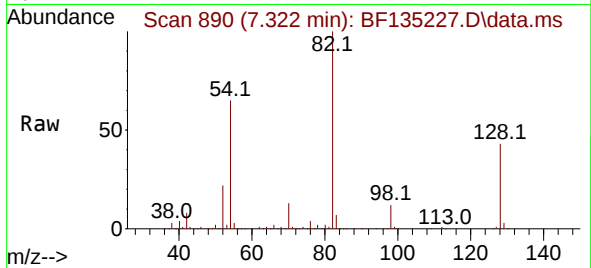




#25
Isophorone
Concen: 25.304 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135227.D
Acq: 13 Sep 2023 17:36

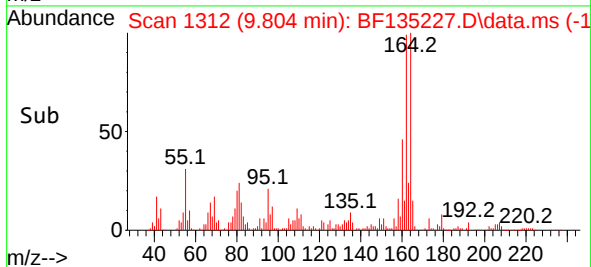
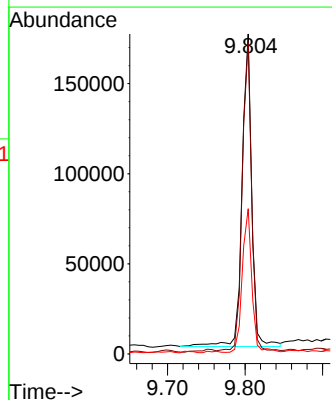
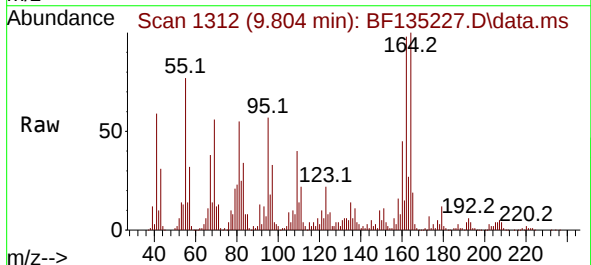
Instrument :
BNA_F
ClientSampleId :
72-11940

Tgt Ion: 82 Resp: 357902
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: 9.804 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF135227.D
Acq: 13 Sep 2023 17:36

Tgt Ion:164 Resp: 150577
Ion Ratio Lower Upper
164 100
162 97.5 81.0 121.4
160 45.4 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 50.439 ng

RT: 10.610 min Scan# 1449

Delta R.T. 0.012 min

Lab File: BF135227.D

Acq: 13 Sep 2023 17:36

Instrument :

BNA_F

ClientSampleId :

72-11940

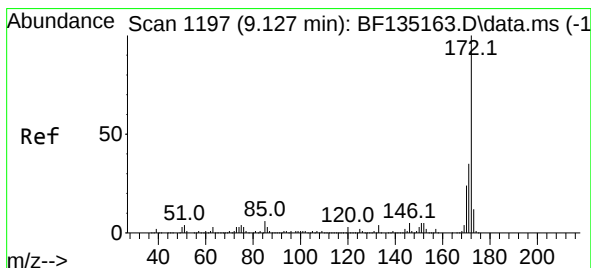
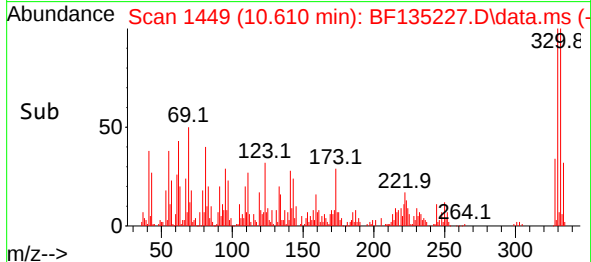
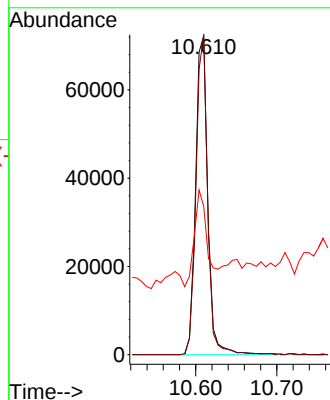
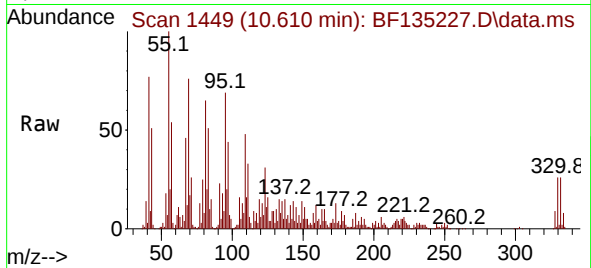
Tgt Ion:330 Resp: 75475

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

141 32.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 57.471 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135227.D

Acq: 13 Sep 2023 17:36

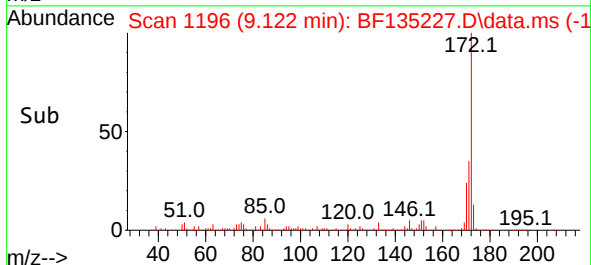
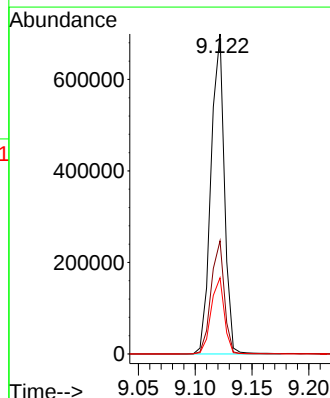
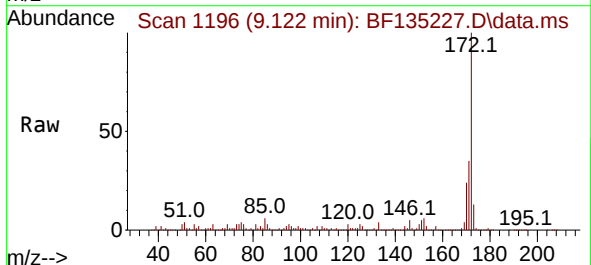
Tgt Ion:172 Resp: 573589

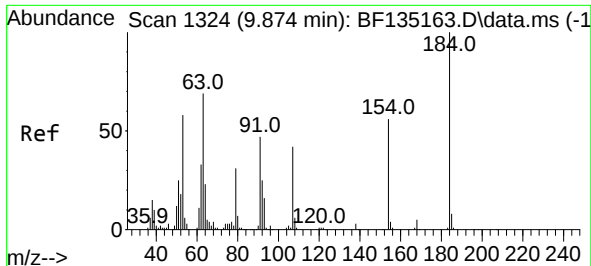
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.8 19.0 28.4

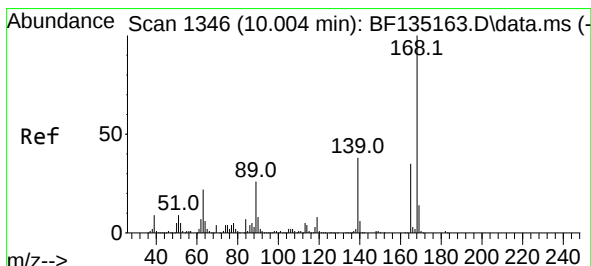
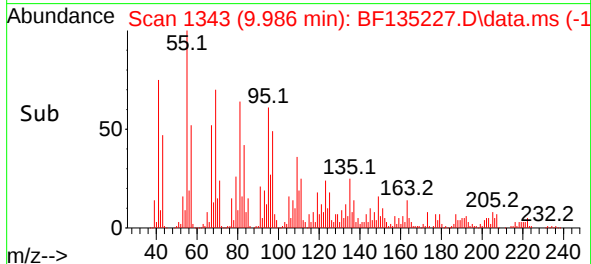
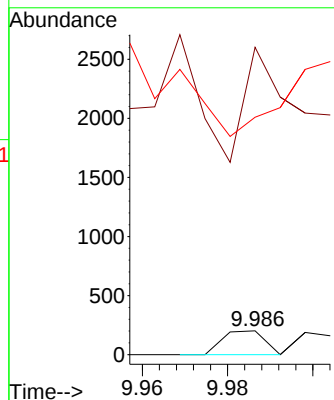
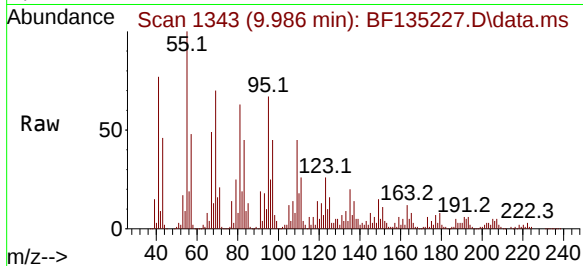




#54
2,4-Dinitrophenol
Concen: 6.349 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.112 min
Lab File: BF135227.D
Acq: 13 Sep 2023 17:36

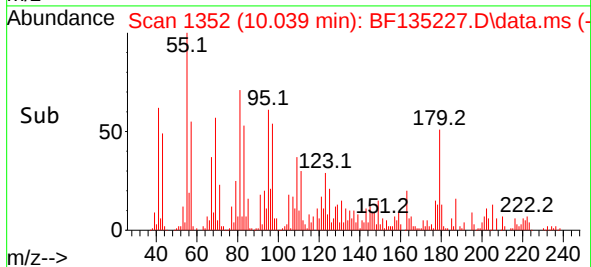
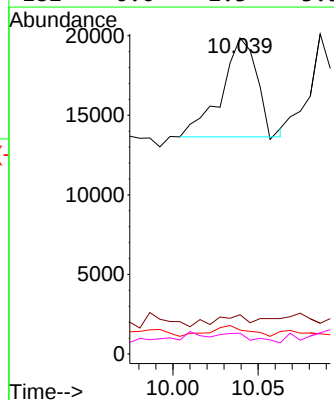
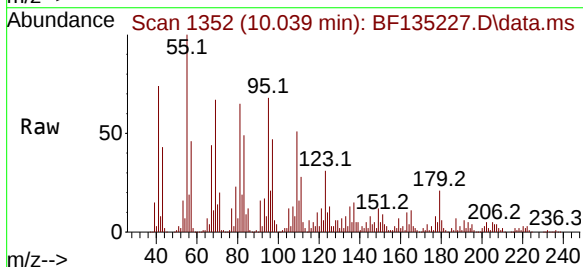
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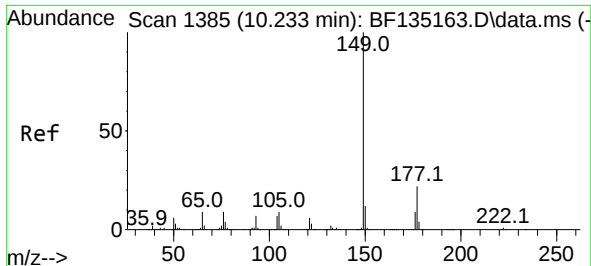
Tgt Ion:184 Resp: 139
Ion Ratio Lower Upper
184 100
63 1287.6 55.1 82.7#
154 994.6 48.4 72.6#



#57
2,4-Dinitrotoluene
Concen: 3.230 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.036 min
Lab File: BF135227.D
Acq: 13 Sep 2023 17:36

Tgt Ion:165 Resp: 9018
Ion Ratio Lower Upper
165 100
63 12.4 50.1 75.1#
89 7.5 59.3 88.9#
182 6.6 2.3 3.5#

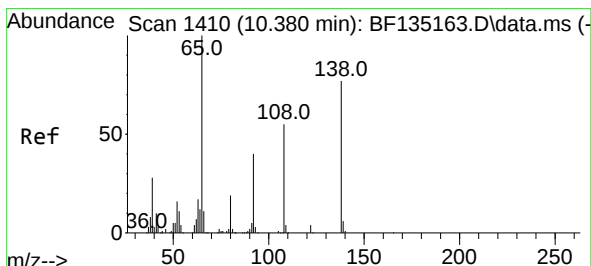
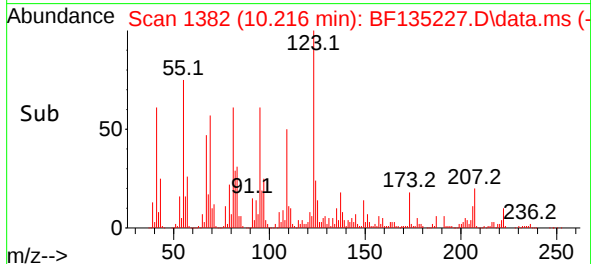
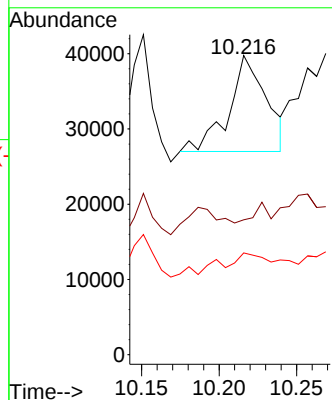
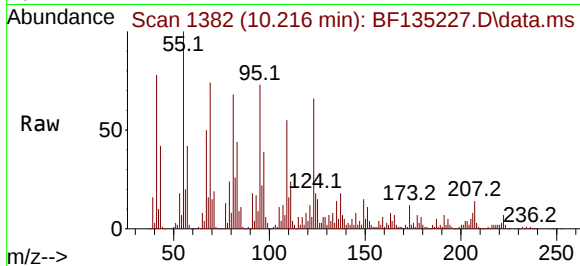




#60
Diethylphthalate
Concen: 2.087 ng
RT: 10.216 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF135227.D
Acq: 13 Sep 2023 17:36

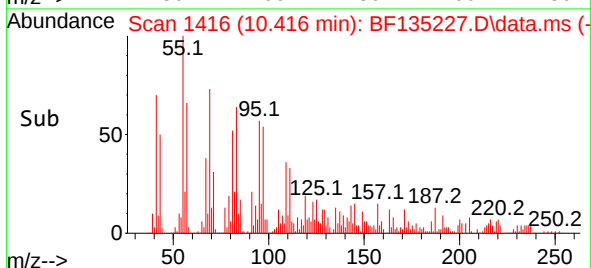
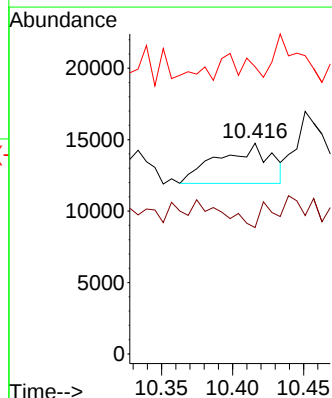
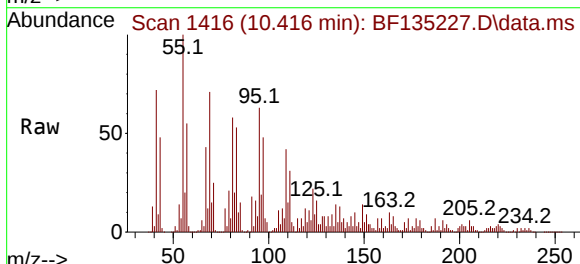
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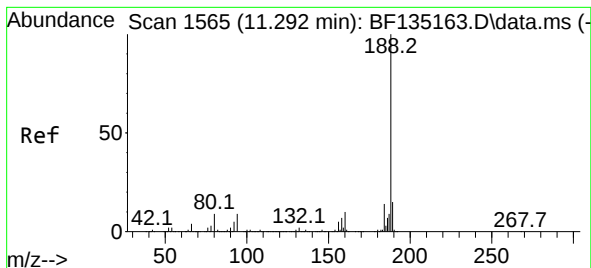
Tgt Ion:149 Resp: 21321
Ion Ratio Lower Upper
149 100
177 45.1 17.8 26.6#
150 34.0 10.0 15.0#



#62
4-Nitroaniline
Concen: 2.865 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.036 min
Lab File: BF135227.D
Acq: 13 Sep 2023 17:36

Tgt Ion:138 Resp: 7209
Ion Ratio Lower Upper
138 100
92 60.0 31.8 71.8
108 136.3 52.0 92.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. 0.030 min

Lab File: BF135227.D

Acq: 13 Sep 2023 17:36

Instrument :

BNA_F

ClientSampleId :

72-11940

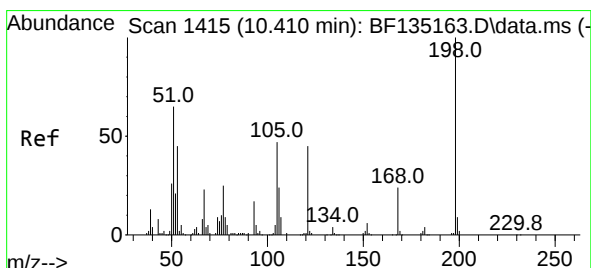
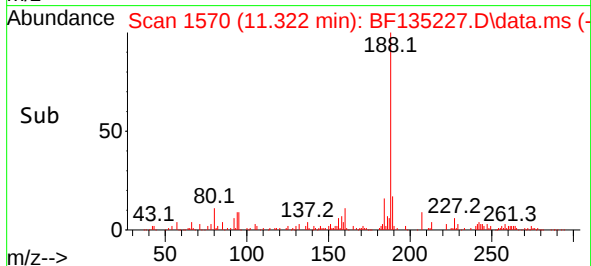
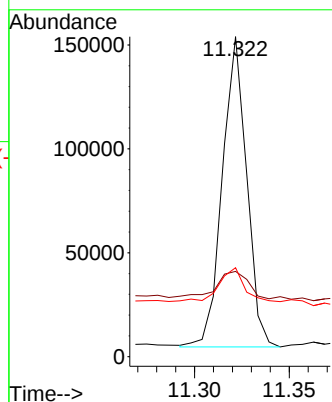
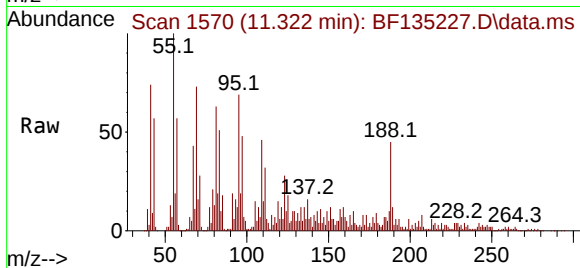
Tgt Ion:188 Resp: 133193

Ion Ratio Lower Upper

188 100

94 26.7 7.0 10.6#

80 27.8 7.5 11.3#



#65

4,6-Dinitro-2-methylphenol

Concen: 2.402 ng

RT: 10.422 min Scan# 1417

Delta R.T. 0.012 min

Lab File: BF135227.D

Acq: 13 Sep 2023 17:36

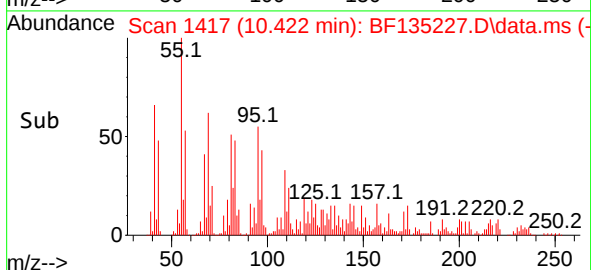
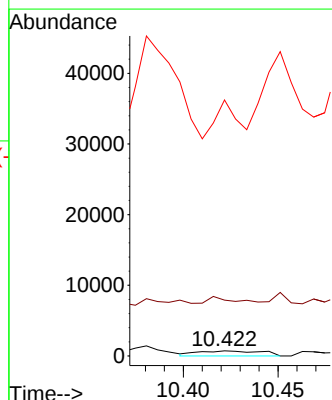
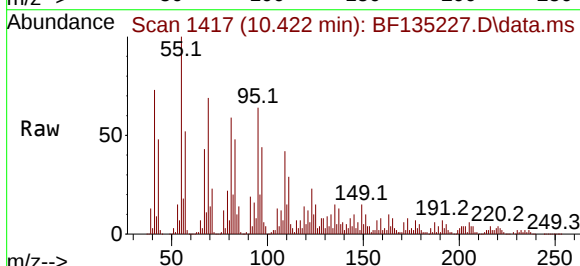
Tgt Ion:198 Resp: 1699

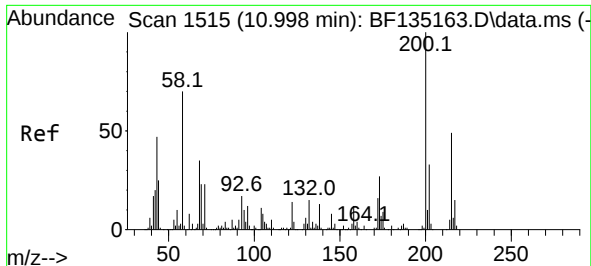
Ion Ratio Lower Upper

198 100

51 1089.5 47.7 87.7#

105 4989.5 27.4 67.4#

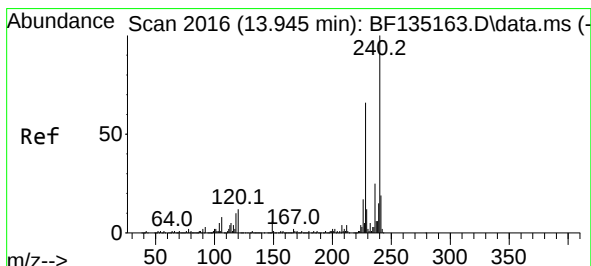
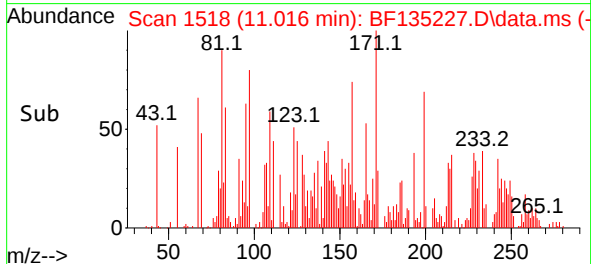
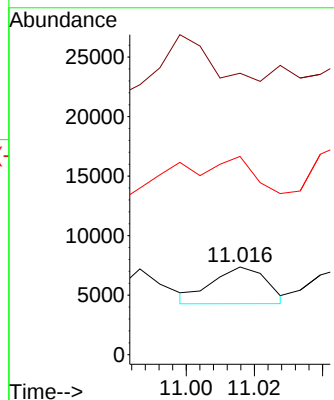
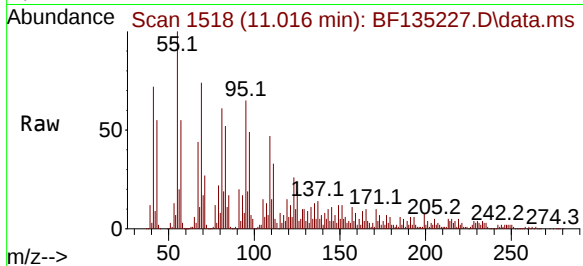




#69
Atrazine
Concen: 3.124 ng
RT: 11.016 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF135227.D
Acq: 13 Sep 2023 17:36

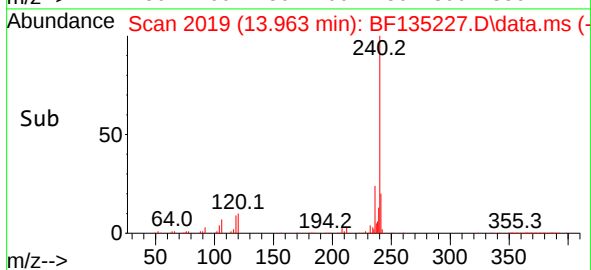
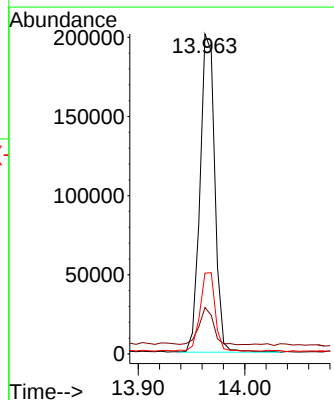
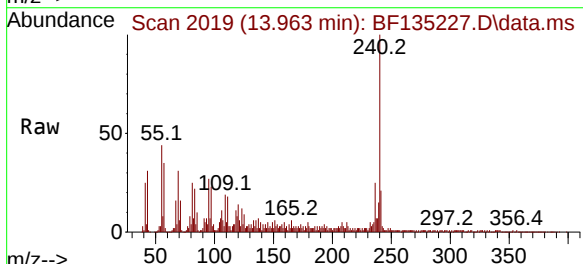
Instrument :
BNA_F
ClientSampleId :
72-11940

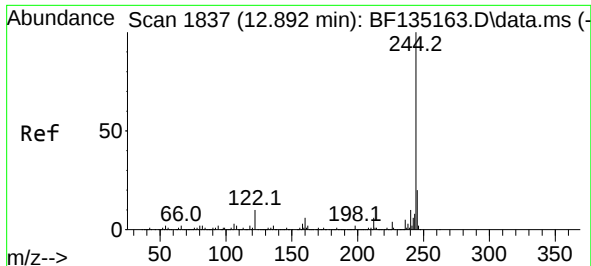
Tgt Ion:200 Resp: 3390
Ion Ratio Lower Upper
200 100
173 321.1 7.4 47.4#
215 226.0 28.6 68.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.018 min
Lab File: BF135227.D
Acq: 13 Sep 2023 17:36

Tgt Ion:240 Resp: 194197
Ion Ratio Lower Upper
240 100
120 14.5 9.4 14.2#
236 25.3 19.8 29.8

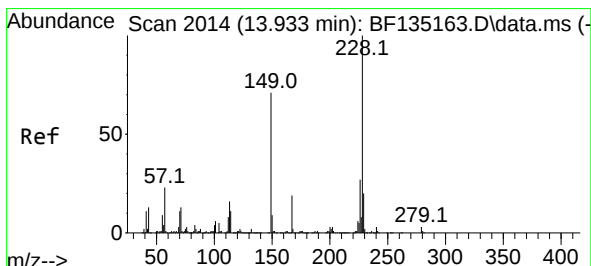
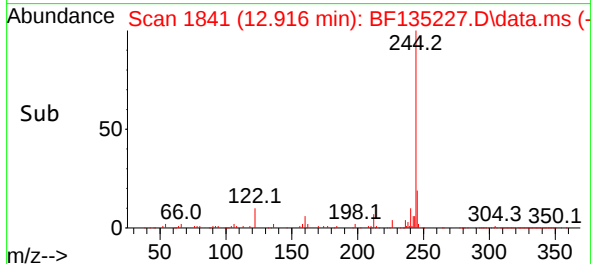
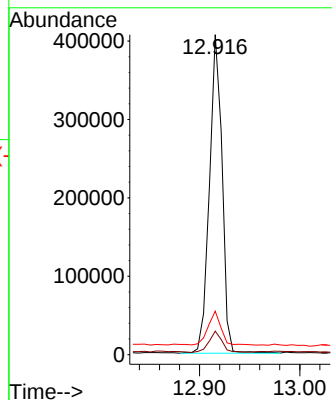
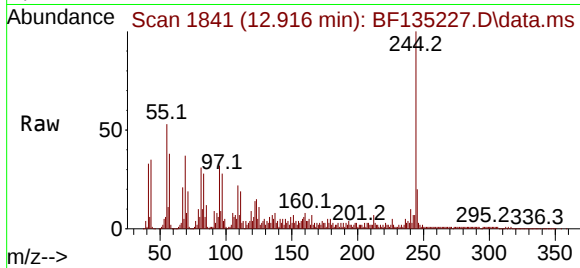




#79
 Terphenyl-d14
 Concen: 28.586 ng
 RT: 12.916 min Scan# 11
 Delta R.T. 0.024 min
 Lab File: BF135227.D
 Acq: 13 Sep 2023 17:36

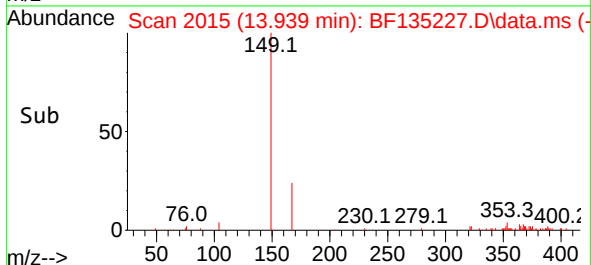
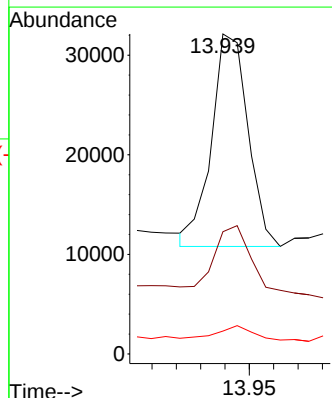
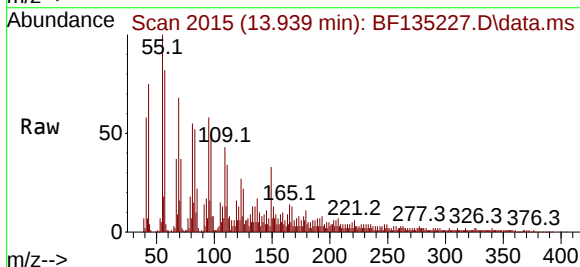
Instrument :
 BNA_F
 ClientSampleId :
 72-11940

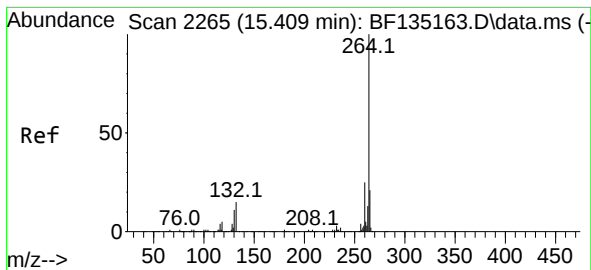
Tgt Ion:244 Resp: 358105
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.1 7.7
 122 13.6 7.9 11.9#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.322 ng
 RT: 13.939 min Scan# 2015
 Delta R.T. 0.006 min
 Lab File: BF135227.D
 Acq: 13 Sep 2023 17:36

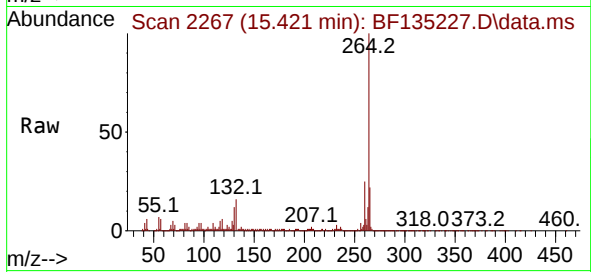
Tgt Ion:149 Resp: 22188
 Ion Ratio Lower Upper
 149 100
 167 38.2 21.9 32.9#
 279 7.1 3.3 4.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF135227.D
 Acq: 13 Sep 2023 17:36

Instrument :
 BNA_F
 ClientSampleId :
 72-11940



Tgt Ion:264 Resp: 265346

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	22.2	17.0	25.4

