

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
 Data File : BF128937.D
 Acq On : 22 Jun 2022 17:54
 Operator : CG\JU
 Sample : N3421-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-21-23-20220620

Quant Time: Jun 23 01:30:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

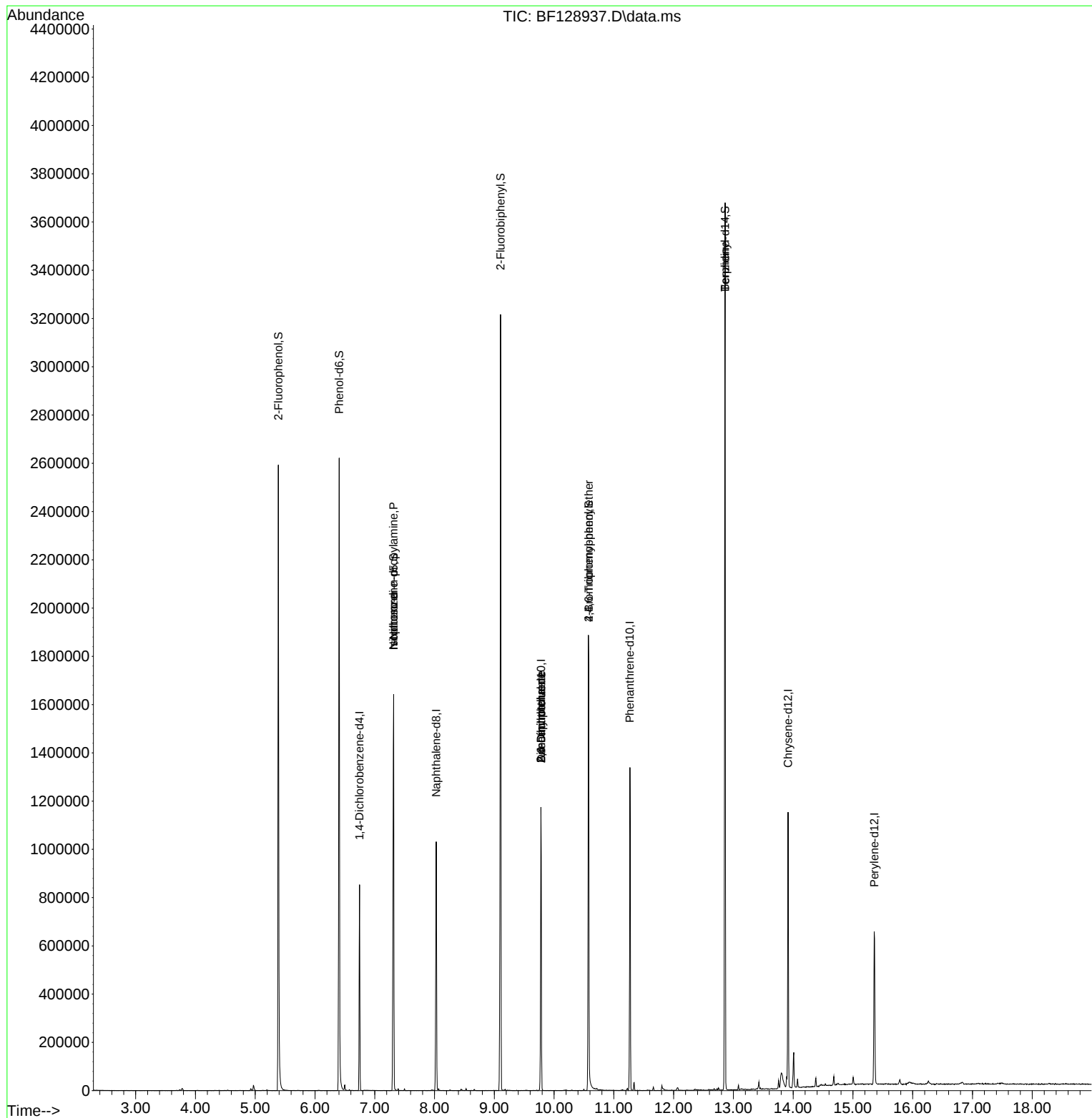
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	109597	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	424800	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	248463	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	474369	20.000	ng	-0.01
76) Chrysene-d12	13.915	240	365341	20.000	ng	#-0.01
86) Perylene-d12	15.357	264	286463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	593131	86.203	ng	0.00
7) Phenol-d6	6.404	99	762874	90.829	ng	-0.01
23) Nitrobenzene-d5	7.316	82	550154	60.298	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	241260	82.181	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1054364	59.444	ng	-0.01
79) Terphenyl-d14	12.863	244	1213501	57.717	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.316	70	78381	15.009	ng	# 77
25) Isophorone	7.316	82	547987	39.545	ng	# 65
50) Dimethylphthalate	9.780	163	42970	2.527	ng	# 1
51) 2,6-Dinitrotoluene	9.780	165	31465	9.374	ng	# 26
57) 2,4-Dinitrotoluene	9.780	165	31465	7.024	ng	# 21
67) 4-Bromophenyl-phenylether	10.580	248	15370	2.905	ng	# 1
77) Benzidine	12.863	184	18064	2.480	ng	# 88

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

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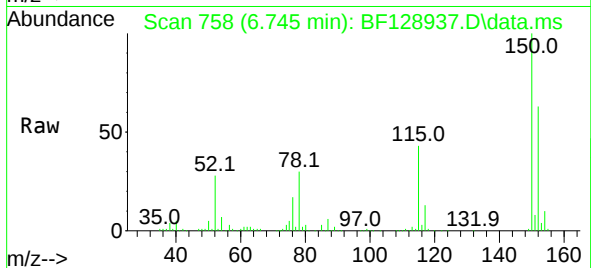
Quant Time: Jun 23 01:30:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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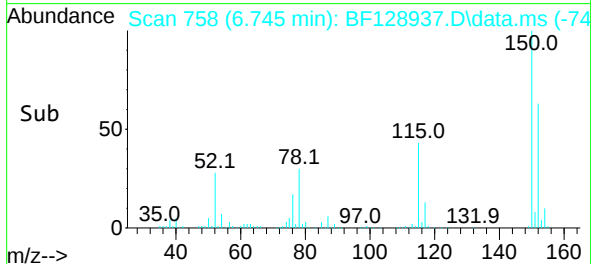
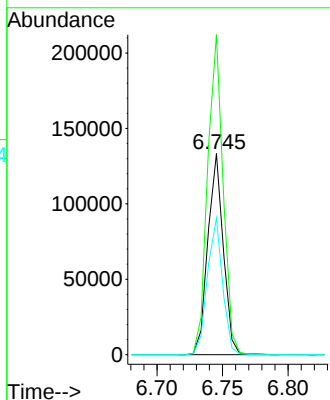


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

Instrument :
BNA_F
ClientSampleId :
SB-1-21-23-20220620

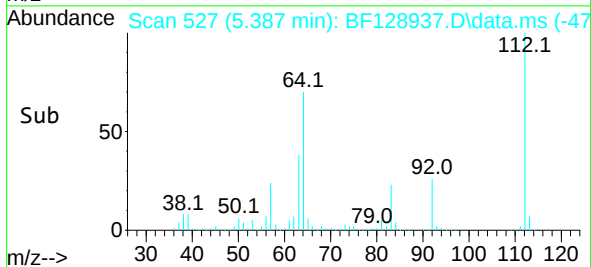
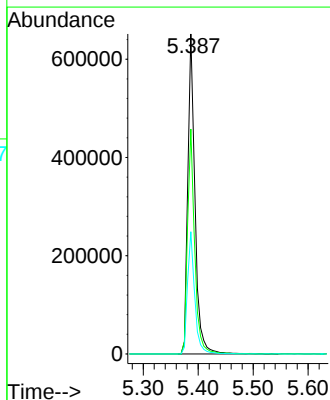
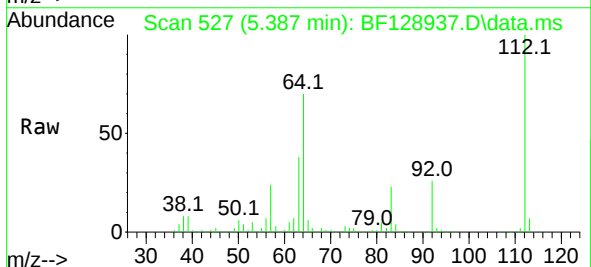


Tgt Ion:152 Resp: 109597
Ion Ratio Lower Upper
152 100
150 159.1 123.7 185.5
115 68.0 49.9 74.9



#5
2-Fluorophenol
Concen: 86.203 ng
RT: 5.387 min Scan# 527
Delta R.T. -0.000 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

Tgt Ion:112 Resp: 593131
Ion Ratio Lower Upper
112 100
64 70.3 53.3 79.9
63 38.2 28.0 42.0

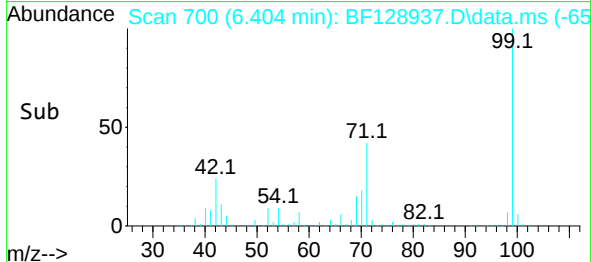
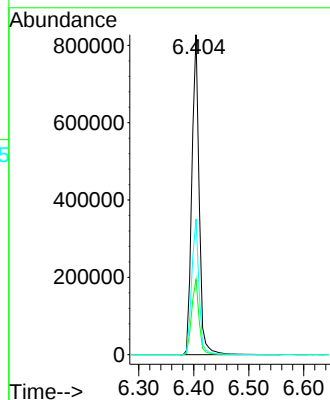
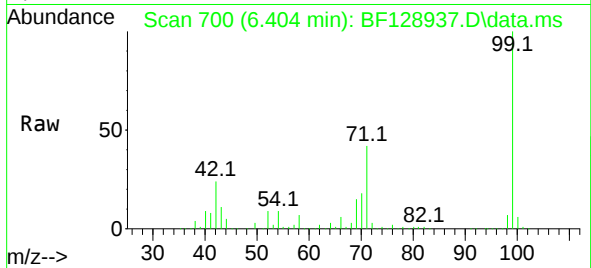




#7
Phenol-d6
Concen: 90.829 ng
RT: 6.404 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

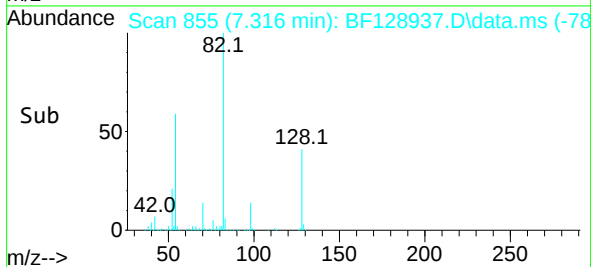
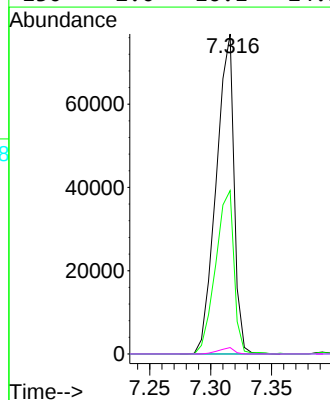
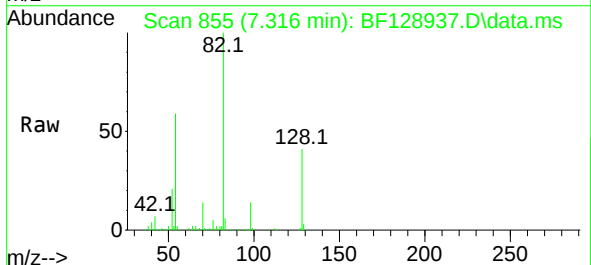
Instrument :
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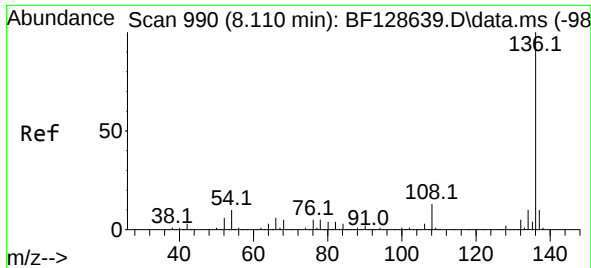
Tgt Ion: 99 Resp: 762874
Ion Ratio Lower Upper
99 100
42 23.6 17.3 25.9
71 42.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.009 ng
RT: 7.316 min Scan# 855
Delta R.T. 0.135 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

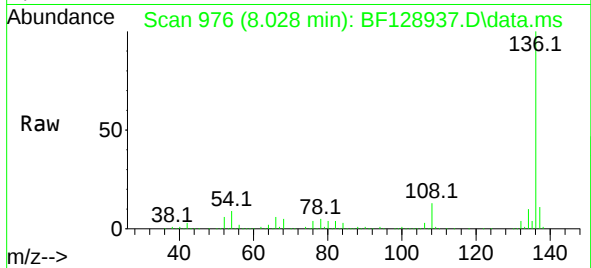
Tgt Ion: 70 Resp: 78381
Ion Ratio Lower Upper
70 100
42 51.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



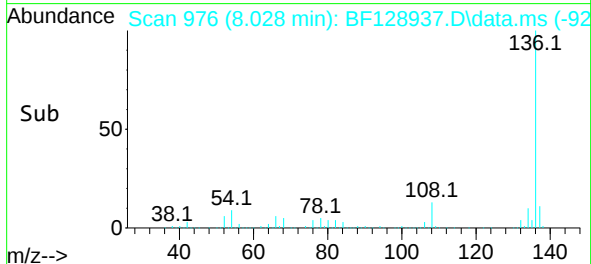
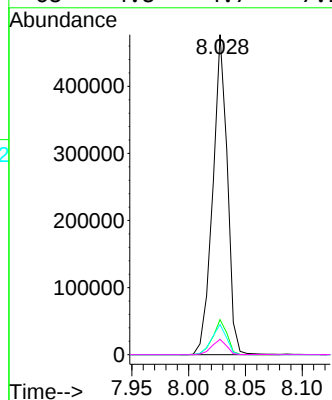


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

Instrument :
BNA_F
ClientSampleId :
SB-1-21-23-20220620

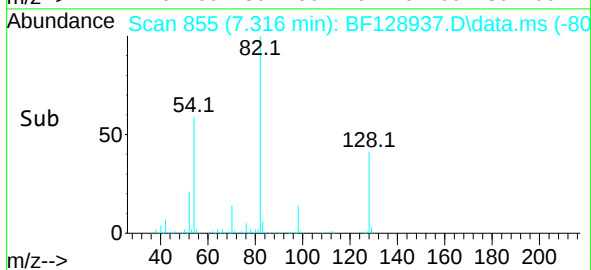
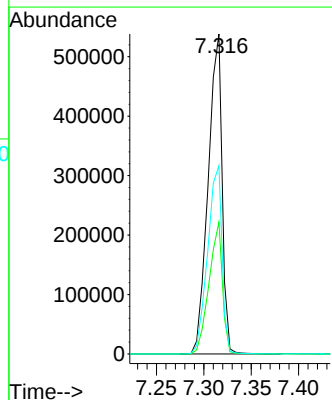
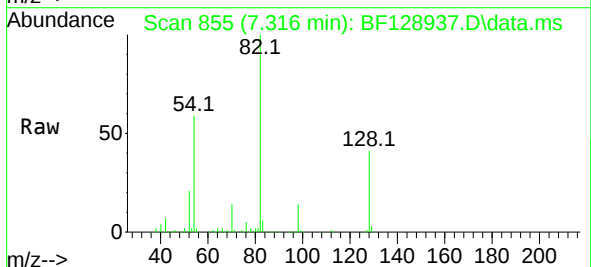


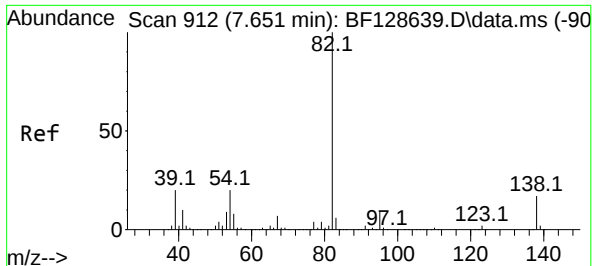
Tgt Ion:136 Resp: 424800
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.4 7.5 11.3
68 4.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 60.298 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.012 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

Tgt Ion: 82 Resp: 550154
Ion Ratio Lower Upper
82 100
128 41.2 34.0 51.0
54 58.9 46.9 70.3

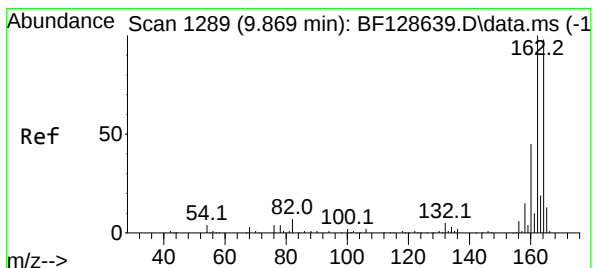
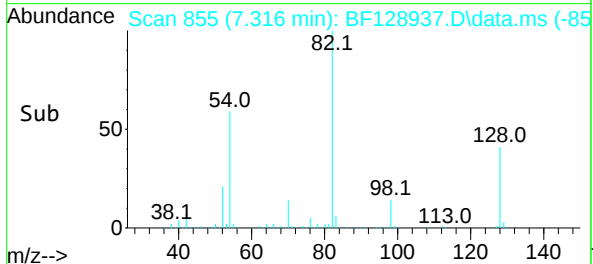
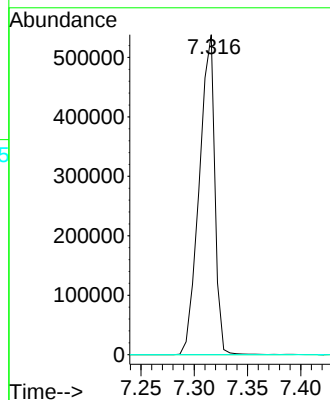
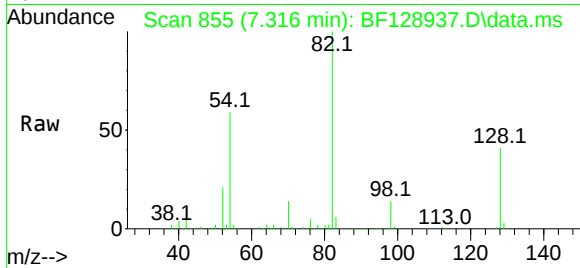




#25
Isophorone
Concen: 39.545 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

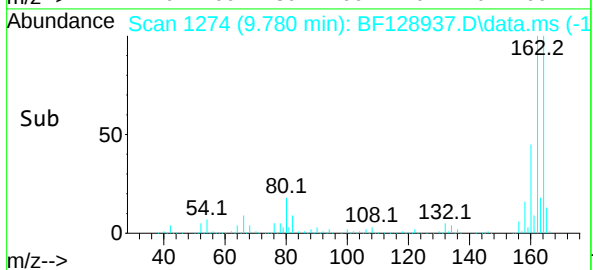
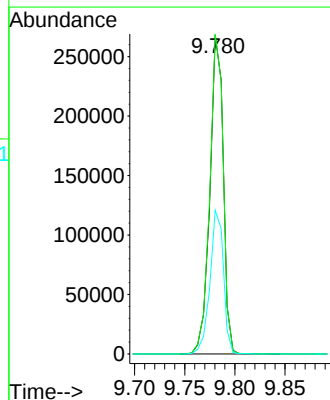
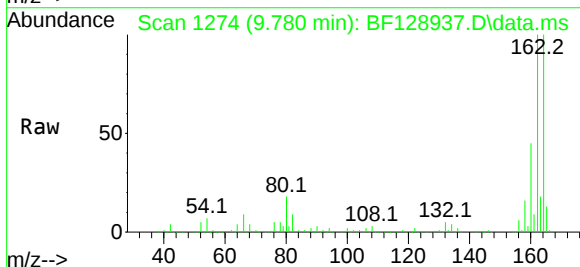
Instrument :
BNA_F
ClientSampleId :
SB-1-21-23-20220620

Tgt Ion: 82 Resp: 547987
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

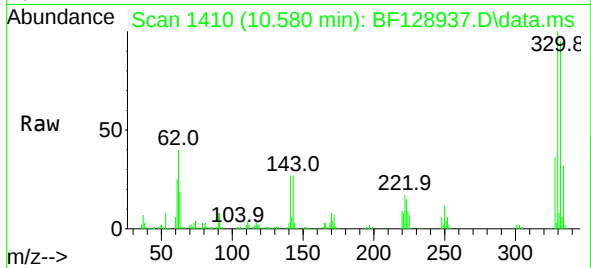
Tgt Ion:164 Resp: 248463
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 45.1 34.2 51.4



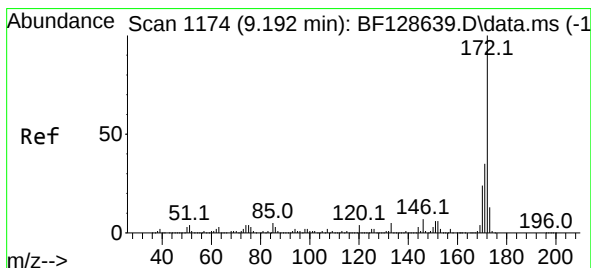
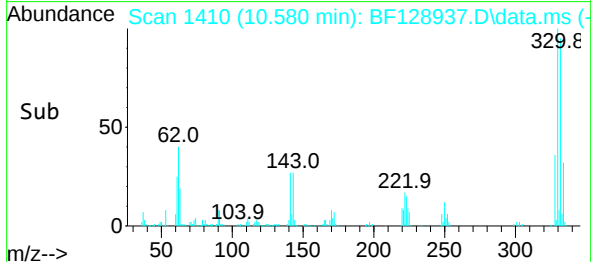
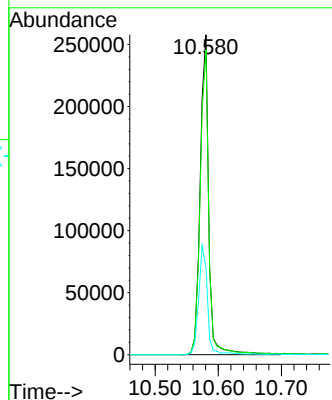


#42
2,4,6-Tribromophenol
Concen: 82.181 ng
RT: 10.580 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

Instrument :
BNA_F
ClientSampleId :
SB-1-21-23-20220620

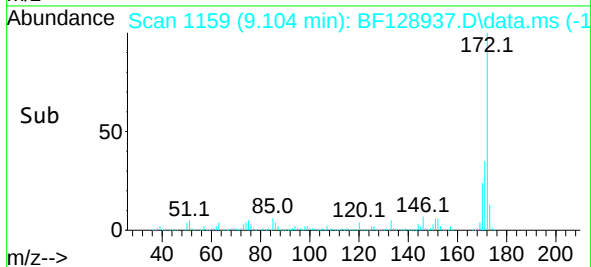
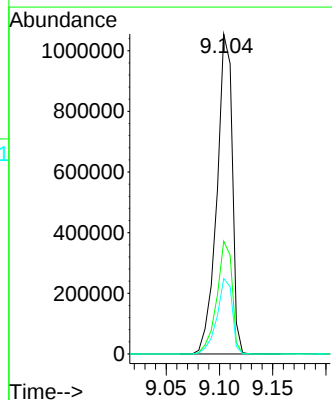
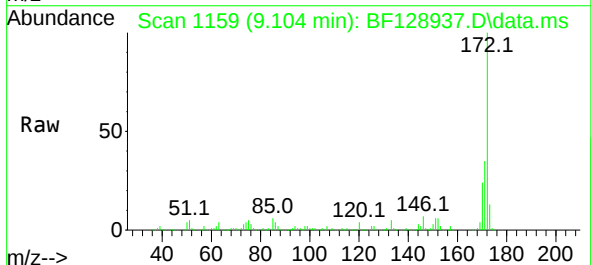


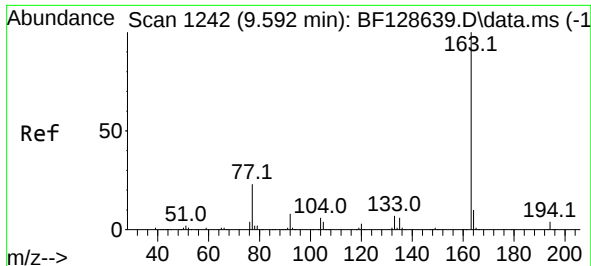
Tgt Ion:330 Resp: 241260
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 35.0 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 59.444 ng
RT: 9.104 min Scan# 1159
Delta R.T. -0.012 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

Tgt Ion:172 Resp: 1054364
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.5 19.8 29.8

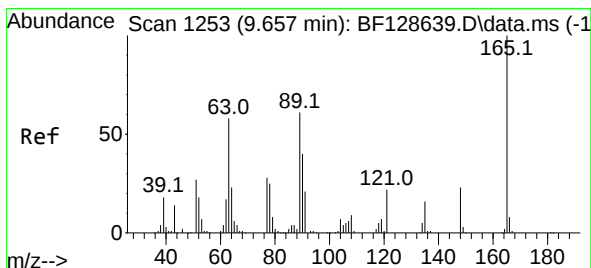
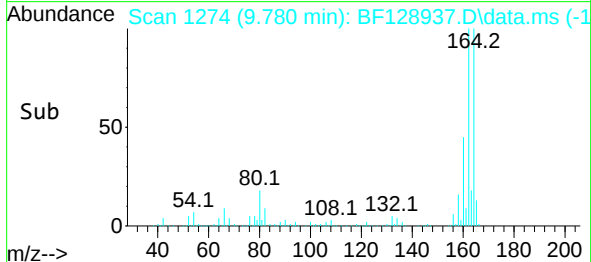
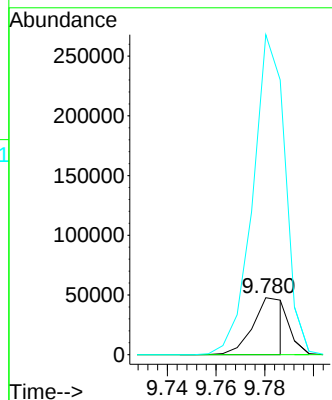
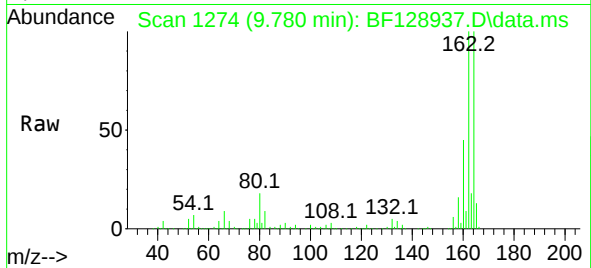




#50
Dimethylphthalate
Concen: 2.527 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

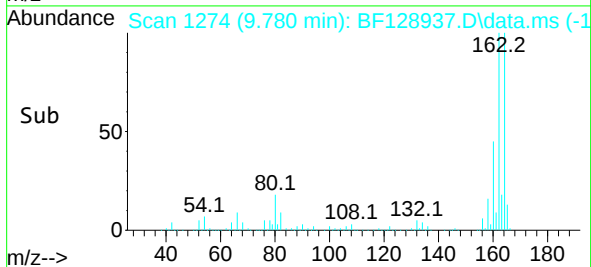
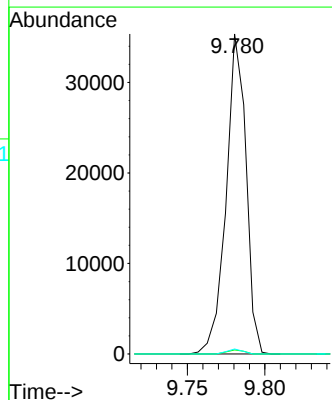
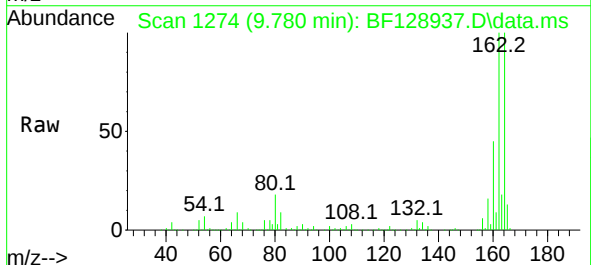
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BNA_F
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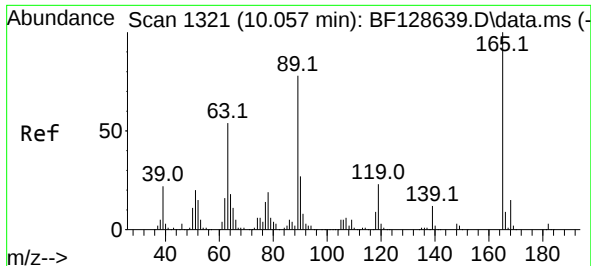
Tgt Ion:163 Resp: 42970
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 561.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.374 ng
RT: 9.780 min Scan# 1274
Delta R.T. 0.194 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

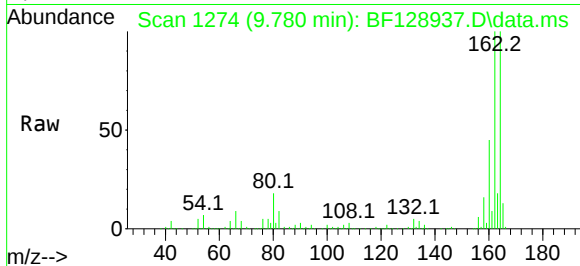
Tgt Ion:165 Resp: 31465
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.6 43.6 65.4#



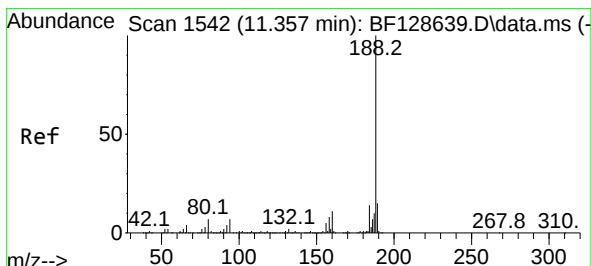
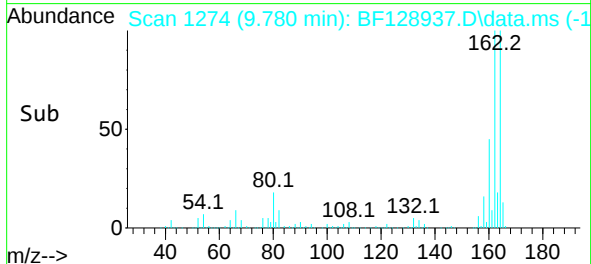
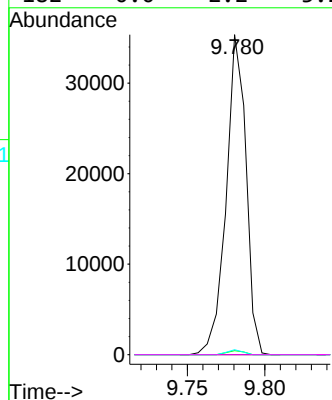


#57
2,4-Dinitrotoluene
Concen: 7.024 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

Instrument :
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ClientSampleId :
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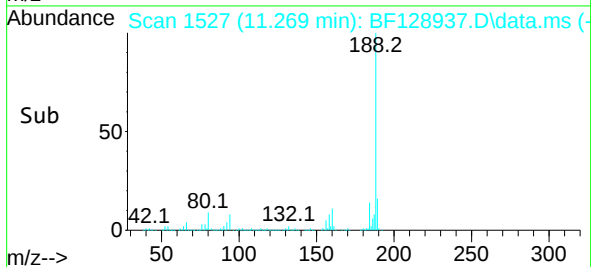
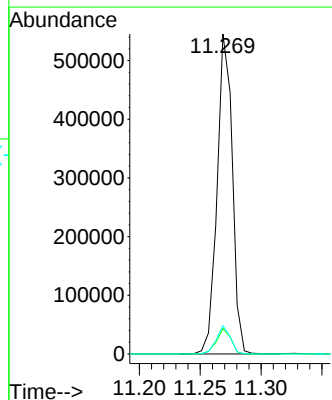
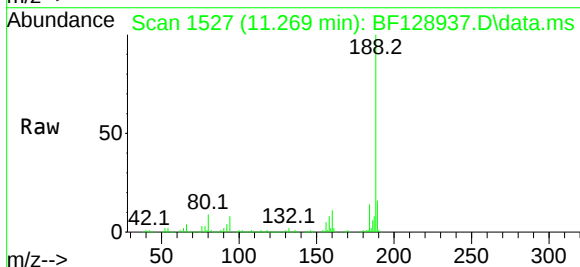


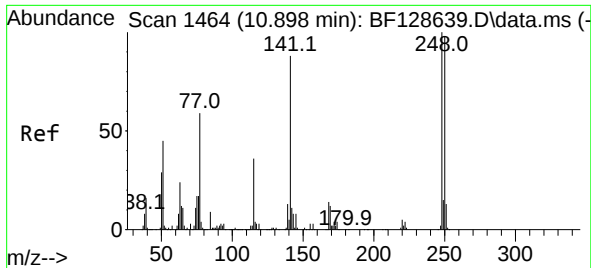
Tgt Ion:165 Resp: 31465
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1527
Delta R.T. -0.012 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

Tgt Ion:188 Resp: 474369
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 8.8 7.6 11.4

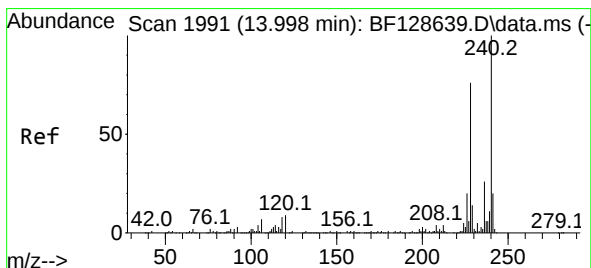
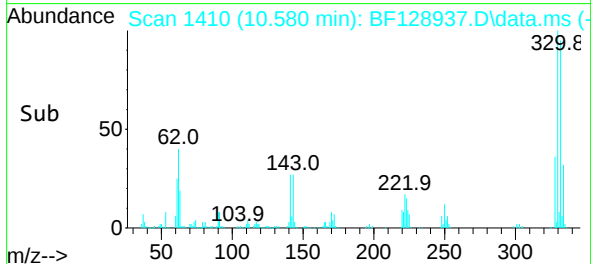
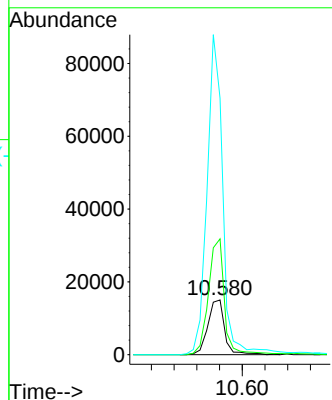
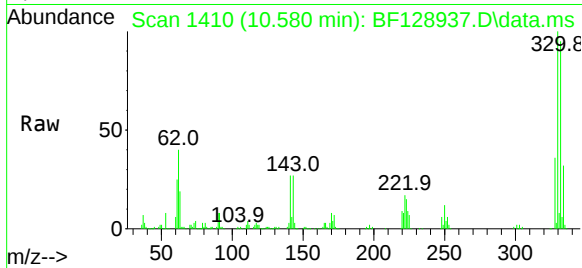




#67
4-Bromophenyl-phenylether
Concen: 2.905 ng
RT: 10.580 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

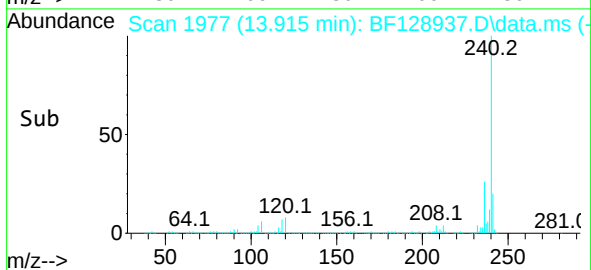
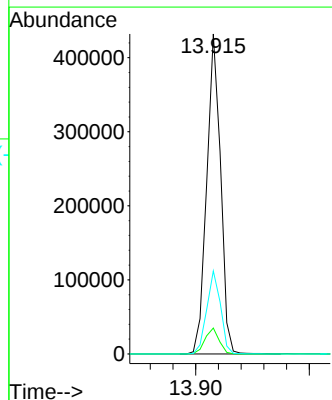
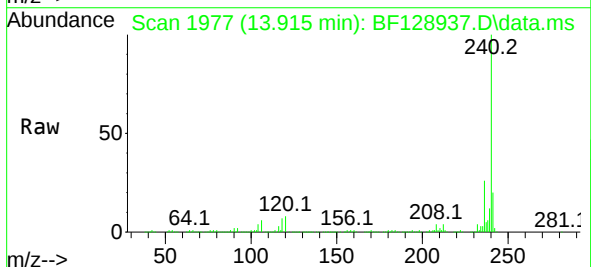
Instrument :
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ClientSampleId :
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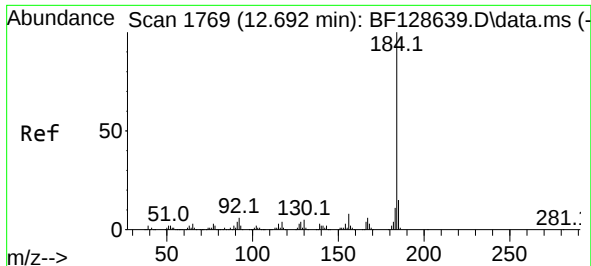
Tgt Ion:248 Resp: 15370
Ion Ratio Lower Upper
248 100
250 211.9 80.6 120.8#
141 469.2 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.915 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

Tgt Ion:240 Resp: 365341
Ion Ratio Lower Upper
240 100
120 8.1 8.9 13.3#
236 25.9 20.8 31.2

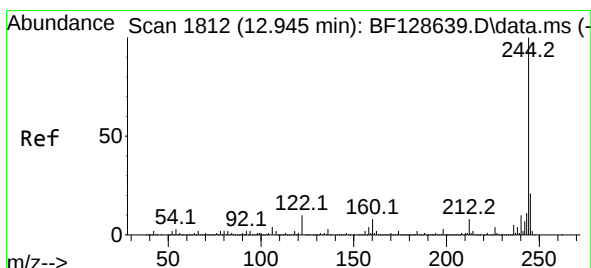
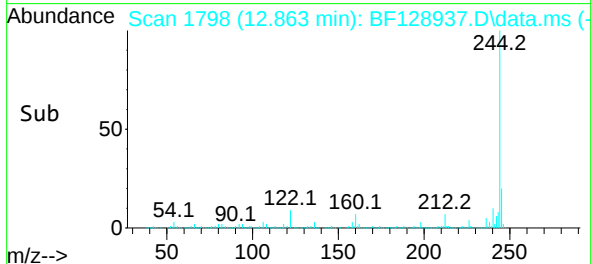
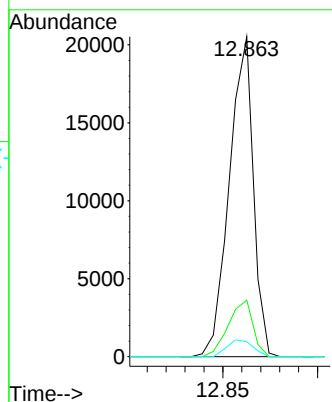
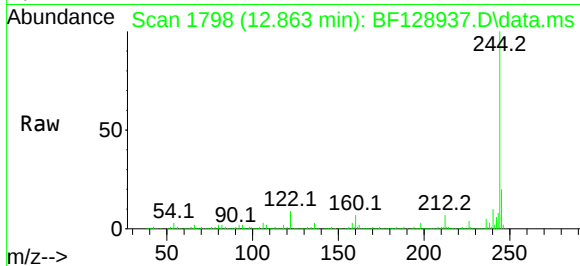




#77
Benzidine
Concen: 2.480 ng
RT: 12.863 min Scan# 1798
Delta R.T. 0.247 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

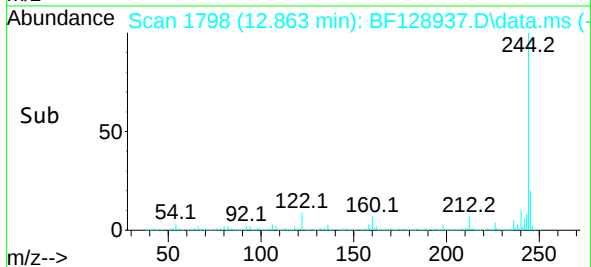
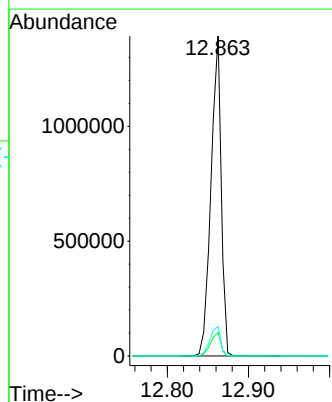
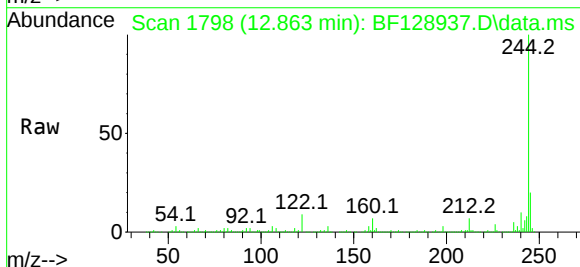
Instrument :
BNA_F
ClientSampleId :
SB-1-21-23-20220620

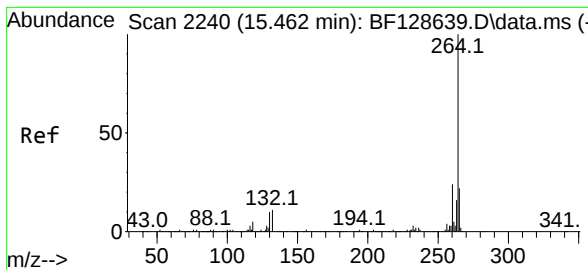
Tgt Ion:184 Resp: 18064
Ion Ratio Lower Upper
184 100
185 17.7 11.9 17.9
183 4.7 9.3 13.9#



#79
Terphenyl-d14
Concen: 57.717 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF128937.D
Acq: 22 Jun 2022 17:54

Tgt Ion:244 Resp: 1213501
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 9.1 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.357 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF128937.D
 Acq: 22 Jun 2022 17:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-21-23-20220620

Tgt Ion:264 Resp: 286463
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 21.4 17.2 25.8

