

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
 Data File : BF128935.D
 Acq On : 22 Jun 2022 16:56
 Operator : CG\JU
 Sample : N3384-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Quant Time: Jun 23 01:30:18 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)

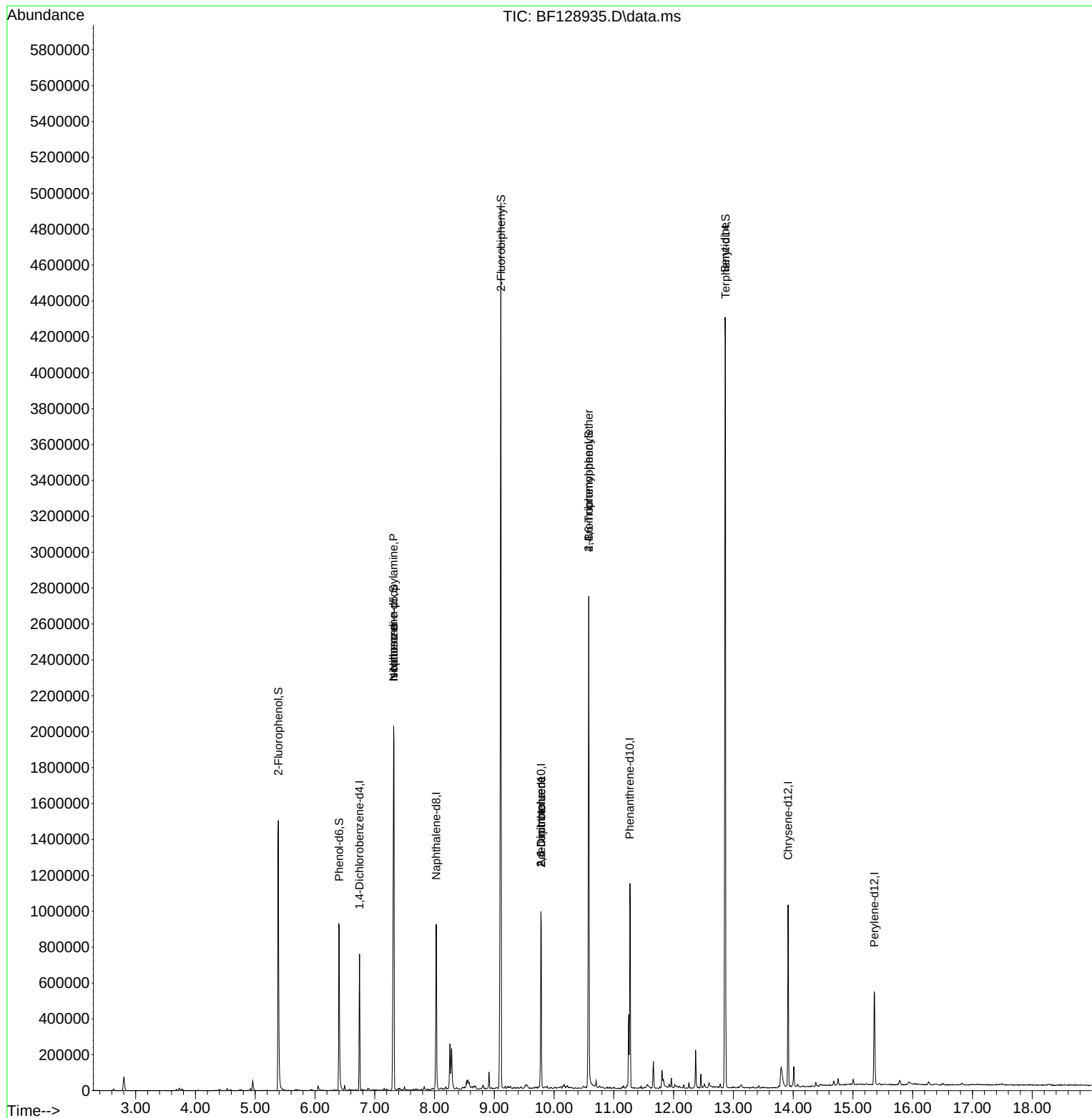
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	100542	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	385579	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	213242	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	419004	20.000	ng	-0.01
76) Chrysene-d12	13.915	240	323264	20.000	ng	#-0.01
86) Perylene-d12	15.357	264	233490	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	403654	63.949	ng	0.00
7) Phenol-d6	6.404	99	309185	40.127	ng	-0.01
23) Nitrobenzene-d5	7.316	82	810023	97.810	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	354232	140.593	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1643277	107.948	ng	0.00
79) Terphenyl-d14	12.868	244	1726653	92.813	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.316	70	114104	23.818	ng	# 78
25) Isophorone	7.316	82	807337	64.187	ng	# 65
51) 2,6-Dinitrotoluene	9.780	165	27970	9.709	ng	# 27
57) 2,4-Dinitrotoluene	9.780	165	27970	7.275	ng	# 23
67) 4-Bromophenyl-phenylether	10.580	248	22941	4.910	ng	# 1
77) Benzidine	12.863	184	25075	3.891	ng	# 89

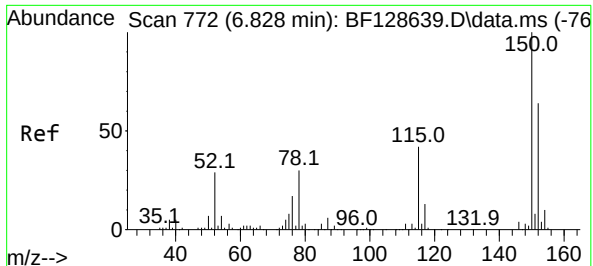
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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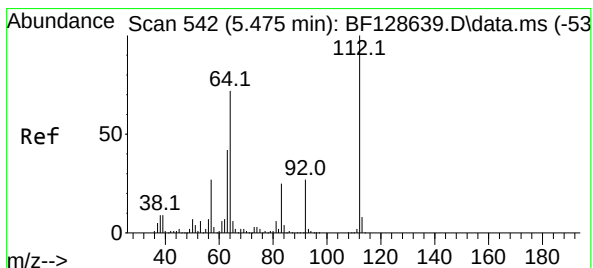
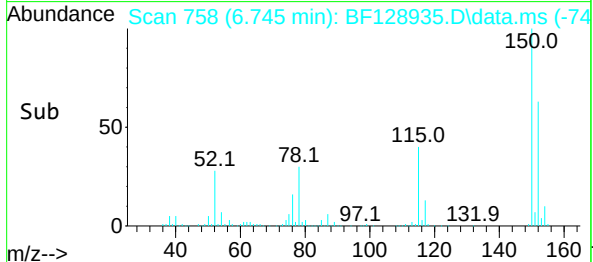
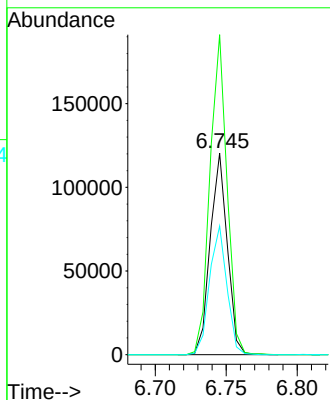
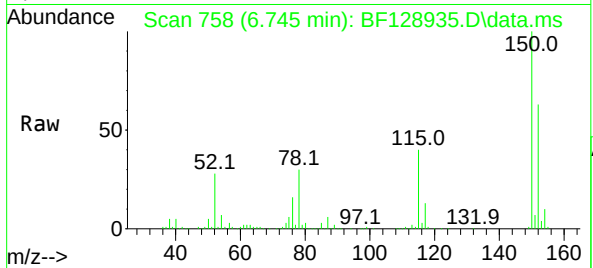




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF128935.D
 Acq: 22 Jun 2022 16:56

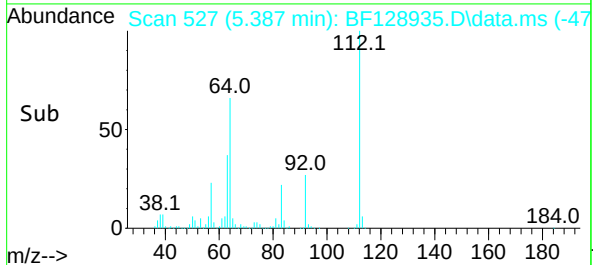
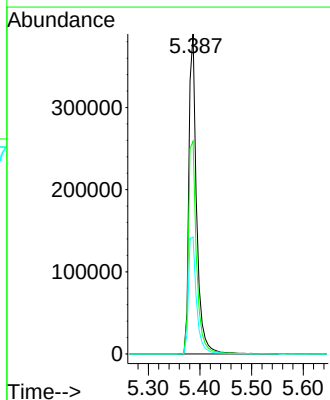
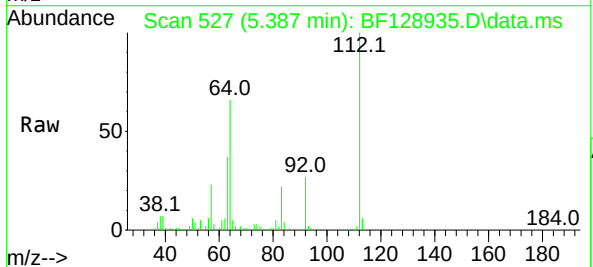
Instrument :
 BNA_F
 ClientSampleId :
 WC-4

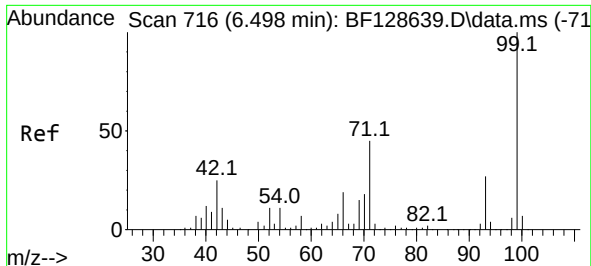
Tgt Ion:152 Resp: 100542
 Ion Ratio Lower Upper
 152 100
 150 158.7 123.7 185.5
 115 63.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 63.949 ng
 RT: 5.387 min Scan# 527
 Delta R.T. 0.000 min
 Lab File: BF128935.D
 Acq: 22 Jun 2022 16:56

Tgt Ion:112 Resp: 403654
 Ion Ratio Lower Upper
 112 100
 64 66.5 53.3 79.9
 63 36.6 28.0 42.0

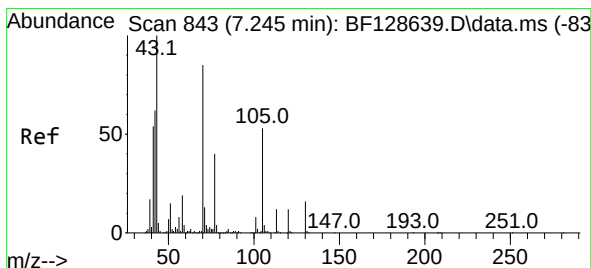
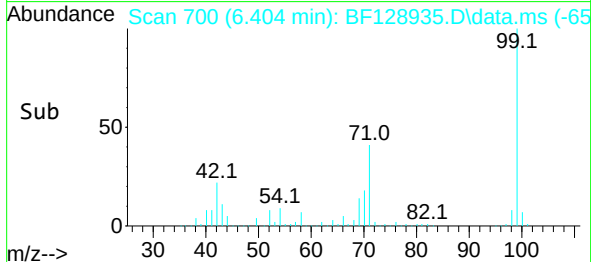
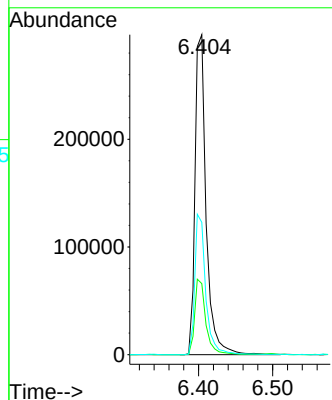
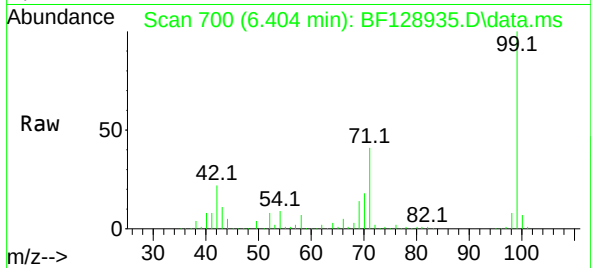




#7
Phenol-d6
Concen: 40.127 ng
RT: 6.404 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF128935.D
Acq: 22 Jun 2022 16:56

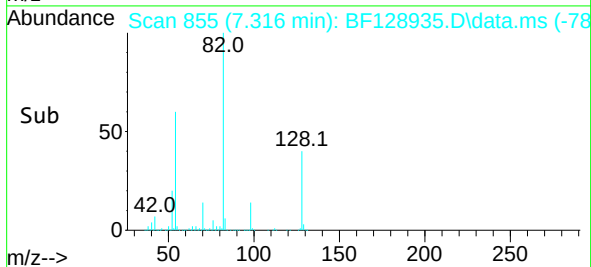
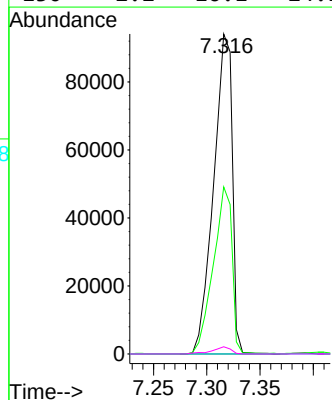
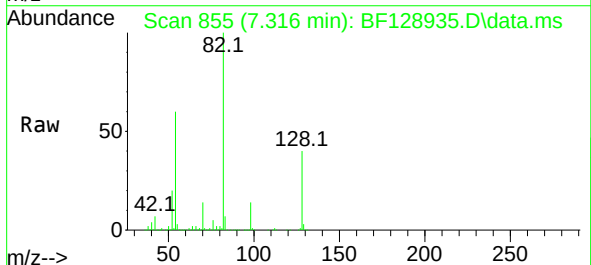
Instrument :
BNA_F
ClientSampleId :
WC-4

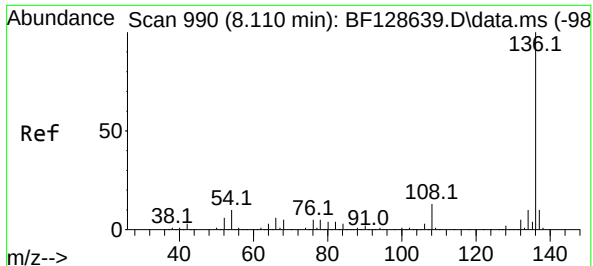
Tgt Ion: 99 Resp: 309185
Ion Ratio Lower Upper
99 100
42 22.2 17.3 25.9
71 41.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 23.818 ng
RT: 7.316 min Scan# 855
Delta R.T. 0.135 min
Lab File: BF128935.D
Acq: 22 Jun 2022 16:56

Tgt Ion: 70 Resp: 114104
Ion Ratio Lower Upper
70 100
42 52.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 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: BF128935.D

Acq: 22 Jun 2022 16:56

Instrument :

BNA_F

ClientSampleId :

WC-4

Tgt Ion:136 Resp: 385579

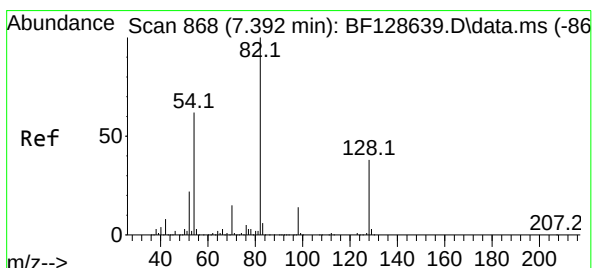
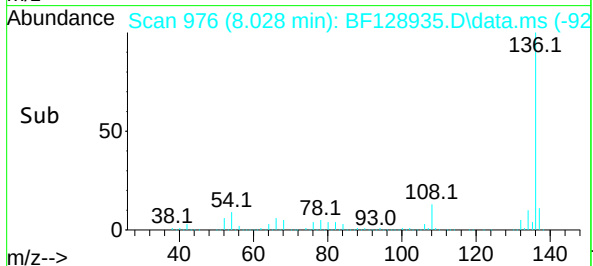
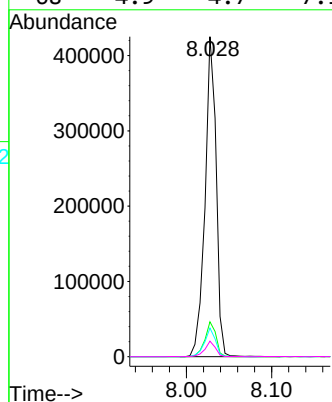
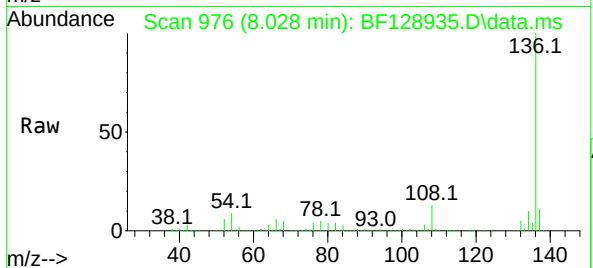
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.0 7.5 11.3

68 4.9 4.7 7.1



#23

Nitrobenzene-d5

Concen: 97.810 ng

RT: 7.316 min Scan# 855

Delta R.T. -0.012 min

Lab File: BF128935.D

Acq: 22 Jun 2022 16:56

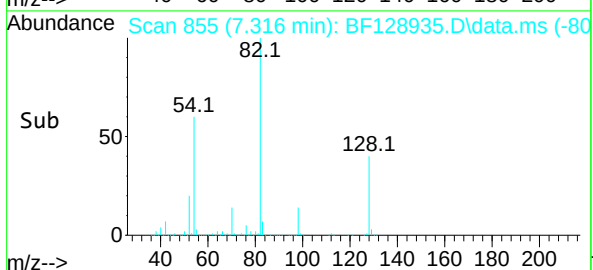
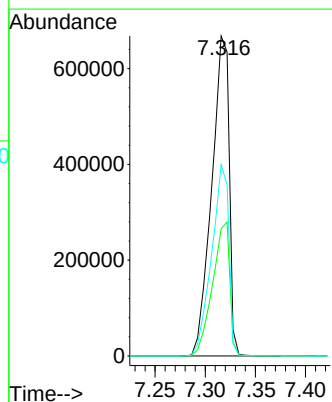
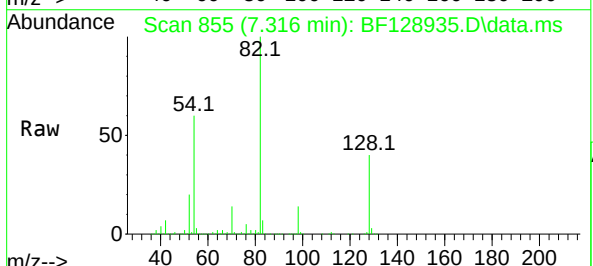
Tgt Ion: 82 Resp: 810023

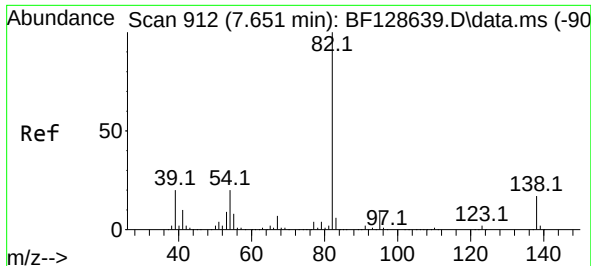
Ion Ratio Lower Upper

82 100

128 39.7 34.0 51.0

54 59.8 46.9 70.3

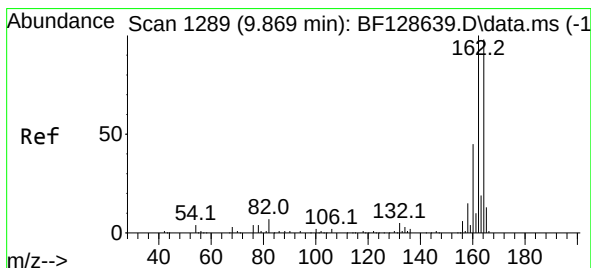
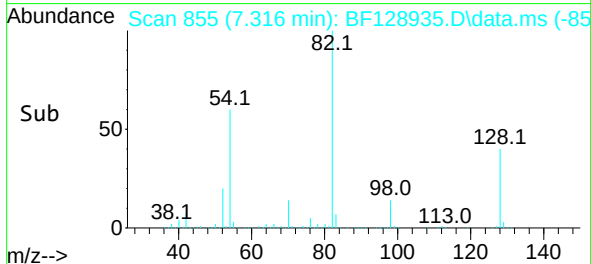
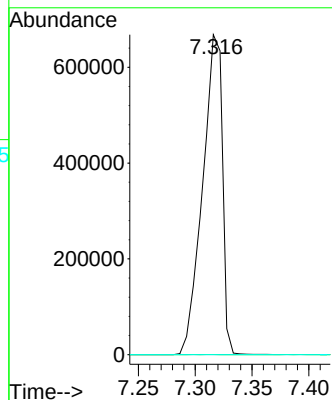
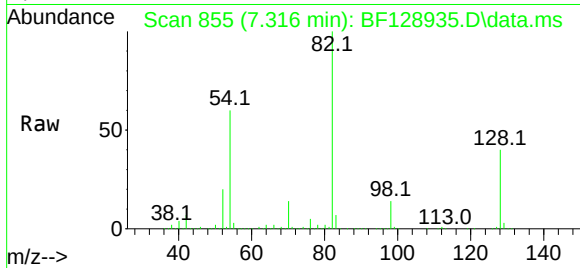




#25
Isophorone
Concen: 64.187 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128935.D
Acq: 22 Jun 2022 16:56

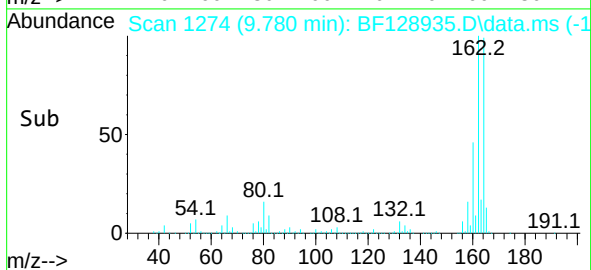
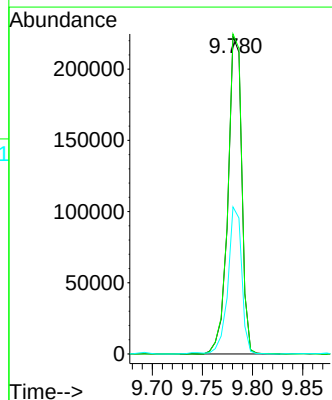
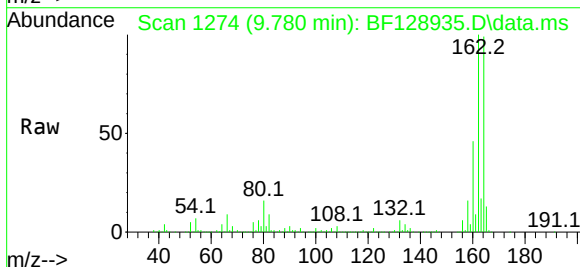
Instrument :
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ClientSampleId :
WC-4

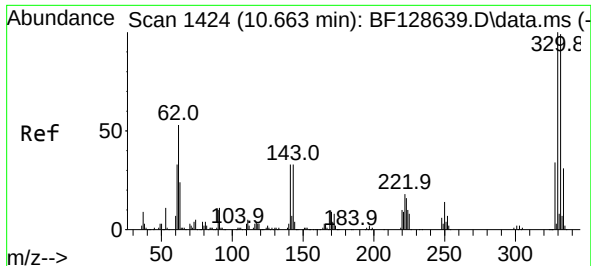
Tgt Ion: 82 Resp: 807337
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BF128935.D
Acq: 22 Jun 2022 16:56

Tgt Ion:164 Resp: 213242
Ion Ratio Lower Upper
164 100
162 100.6 79.5 119.3
160 46.2 34.2 51.4

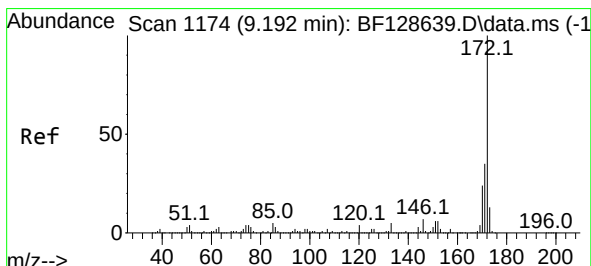
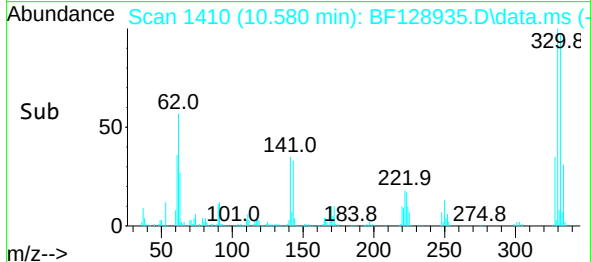
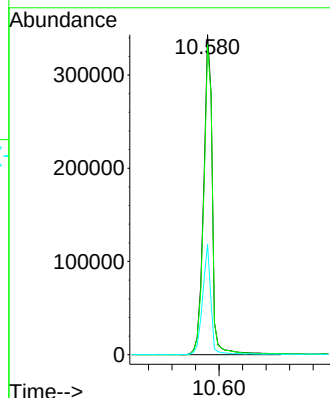
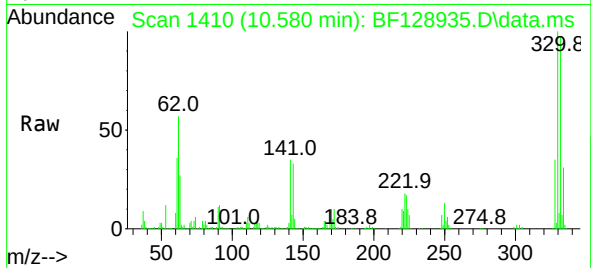




#42
2,4,6-Tribromophenol
Concen: 140.593 ng
RT: 10.580 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF128935.D
Acq: 22 Jun 2022 16:56

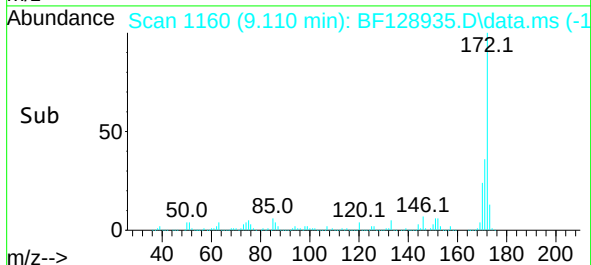
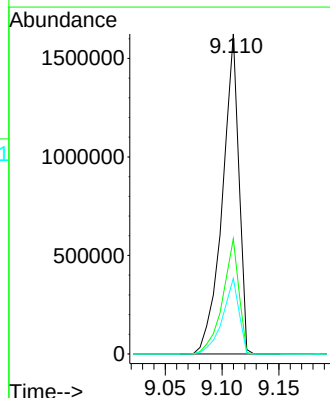
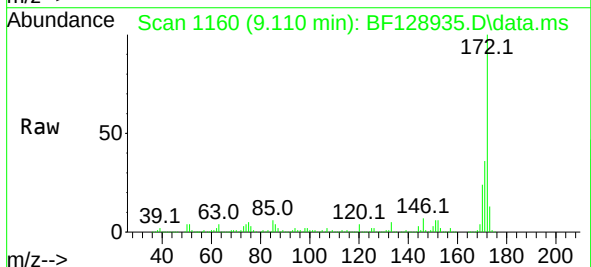
Instrument :
BNA_F
ClientSampleId :
WC-4

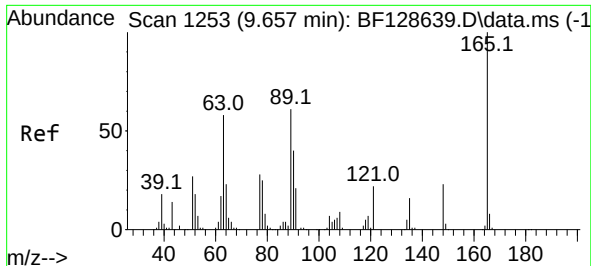
Tgt Ion:330 Resp: 354232
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 33.2 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 107.948 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF128935.D
Acq: 22 Jun 2022 16:56

Tgt Ion:172 Resp: 1643277
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.7 19.8 29.8

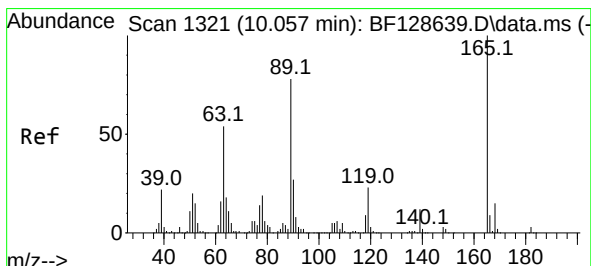
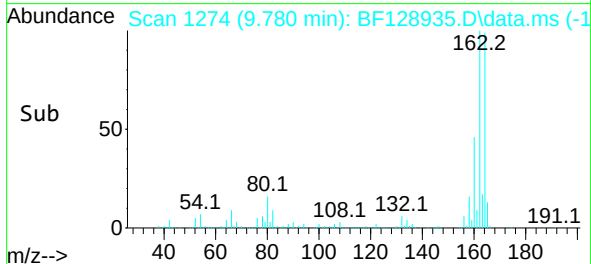
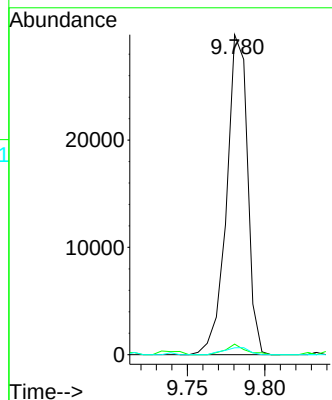
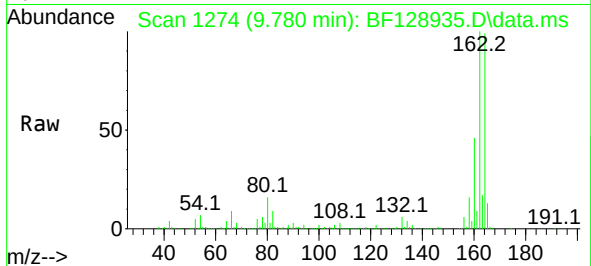




#51
2,6-Dinitrotoluene
Concen: 9.709 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF128935.D
Acq: 22 Jun 2022 16:56

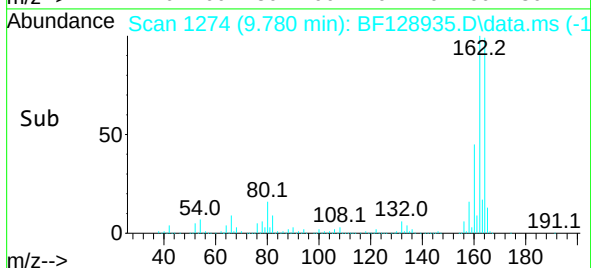
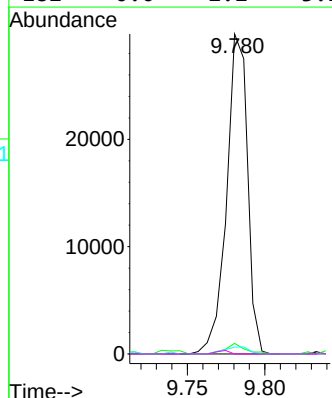
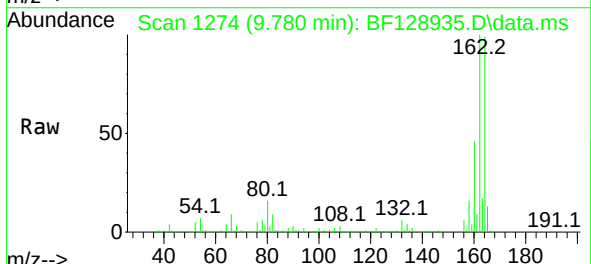
Instrument :
BNA_F
ClientSampleId :
WC-4

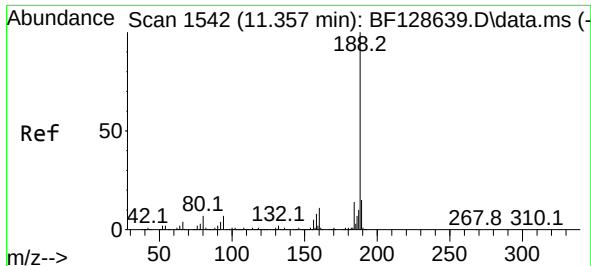
Tgt Ion:165 Resp: 27970
Ion Ratio Lower Upper
165 100
63 3.3 44.9 67.3#
89 2.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.275 ng
RT: 9.780 min Scan# 1274
Delta R.T. -0.212 min
Lab File: BF128935.D
Acq: 22 Jun 2022 16:56

Tgt Ion:165 Resp: 27970
Ion Ratio Lower Upper
165 100
63 3.3 39.8 59.6#
89 2.1 60.2 90.2#
182 0.0 2.2 3.2#

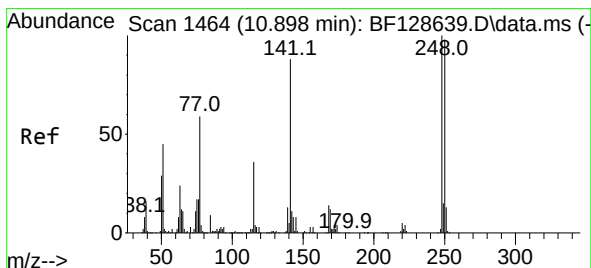
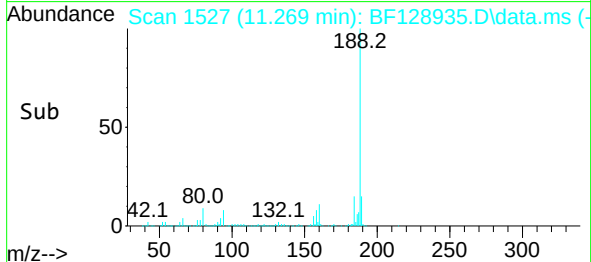
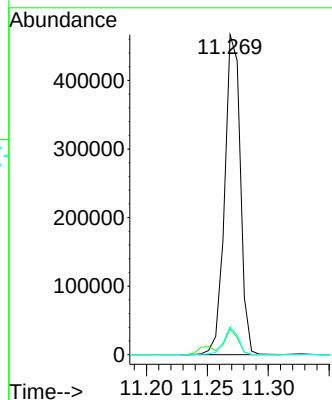
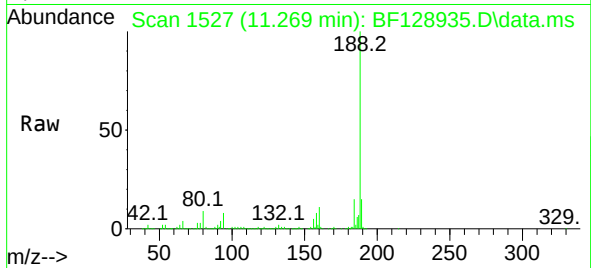




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128935.D
Acq: 22 Jun 2022 16:56

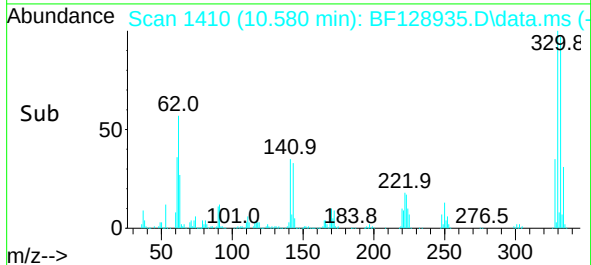
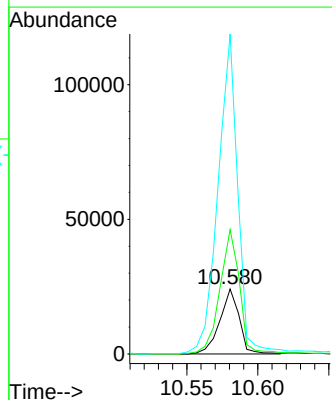
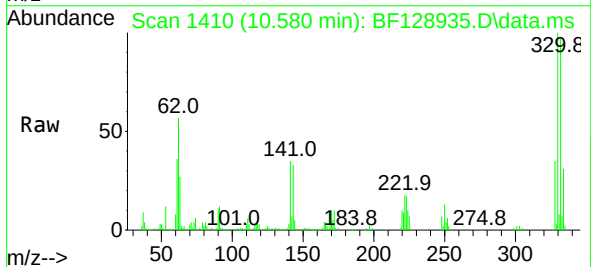
Instrument :
BNA_F
ClientSampleId :
WC-4

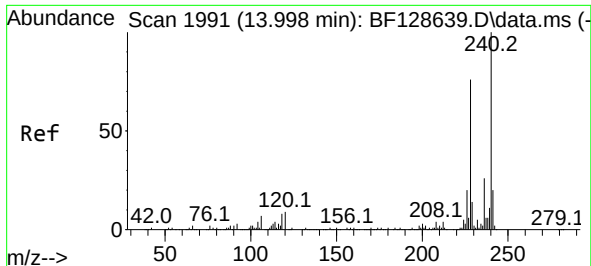
Tgt Ion:188 Resp: 419004
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 8.7 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.910 ng
RT: 10.580 min Scan# 1410
Delta R.T. -0.247 min
Lab File: BF128935.D
Acq: 22 Jun 2022 16:56

Tgt Ion:248 Resp: 22941
Ion Ratio Lower Upper
248 100
250 191.7 80.6 120.8#
141 493.2 58.9 88.3#

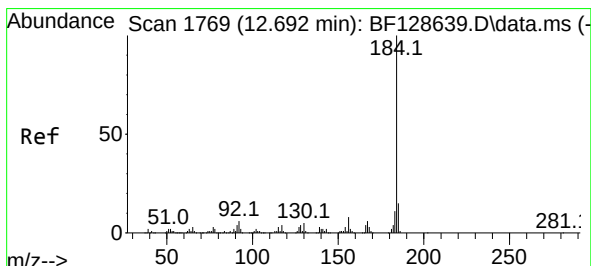
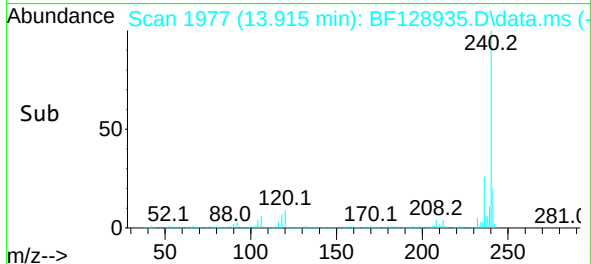
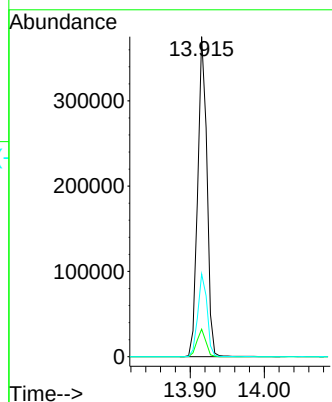
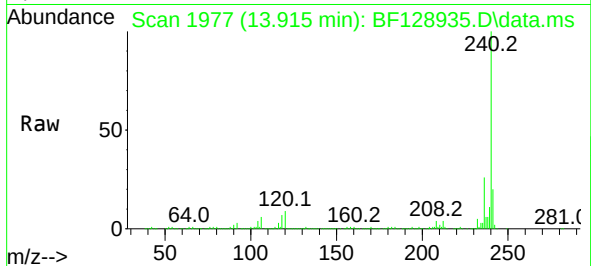




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.915 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128935.D
Acq: 22 Jun 2022 16:56

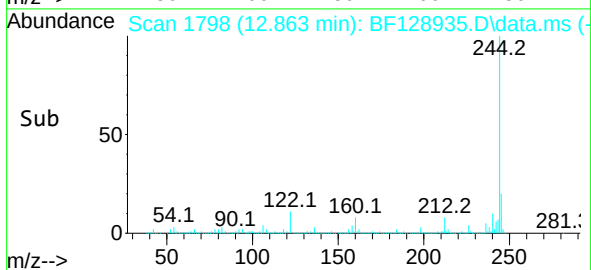
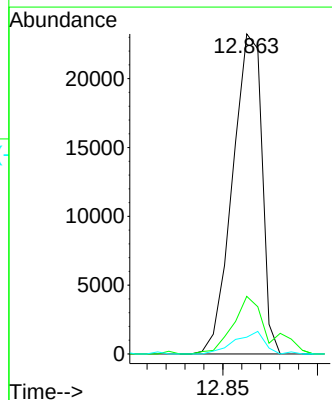
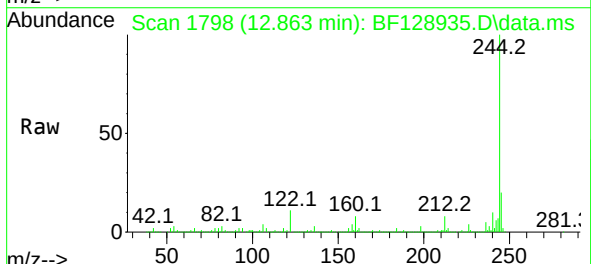
Instrument :
BNA_F
ClientSampleId :
WC-4

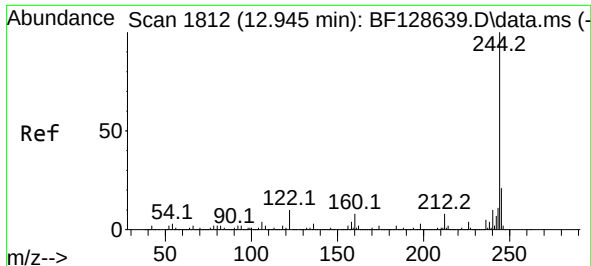
Tgt Ion:240 Resp: 323264
Ion Ratio Lower Upper
240 100
120 8.6 8.9 13.3#
236 25.8 20.8 31.2



#77
Benzidine
Concen: 3.891 ng
RT: 12.863 min Scan# 1798
Delta R.T. 0.247 min
Lab File: BF128935.D
Acq: 22 Jun 2022 16:56

Tgt Ion:184 Resp: 25075
Ion Ratio Lower Upper
184 100
185 18.0 11.9 17.9#
183 5.3 9.3 13.9#

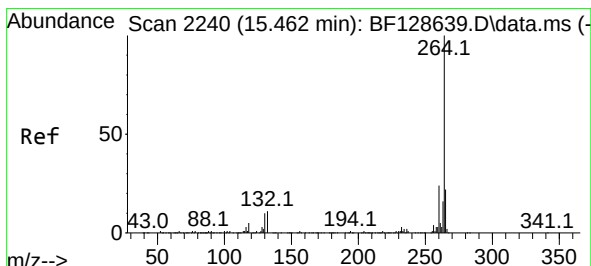
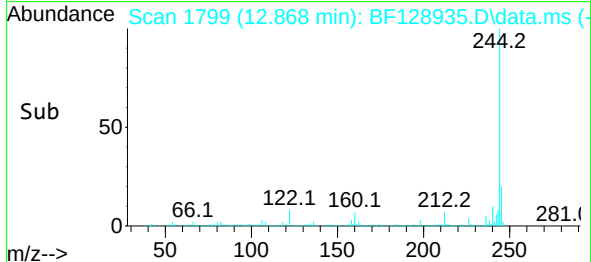
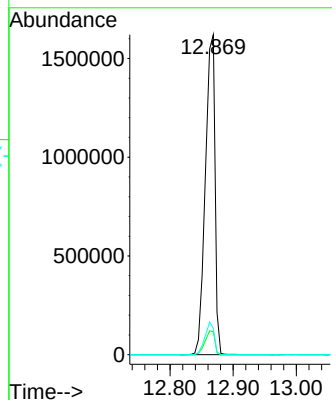
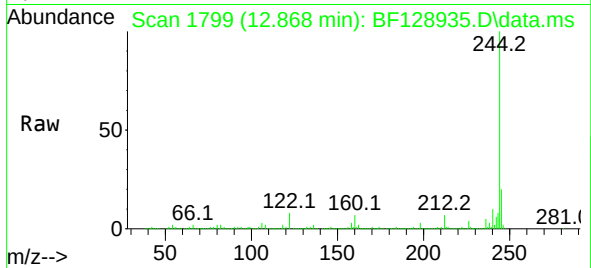




#79
 Terphenyl-d14
 Concen: 92.813 ng
 RT: 12.868 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128935.D
 Acq: 22 Jun 2022 16:56

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Tgt Ion:244 Resp: 1726653
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 8.2 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.357 min Scan# 2222
 Delta R.T. -0.006 min
 Lab File: BF128935.D
 Acq: 22 Jun 2022 16:56

Tgt Ion:264 Resp: 233490
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 20.4 17.2 25.8

