

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128649.D
 Acq On : 02 Jun 2022 20:39
 Operator : CG\JU
 Sample : N3104-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-7

Quant Time: Jun 03 03:27:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

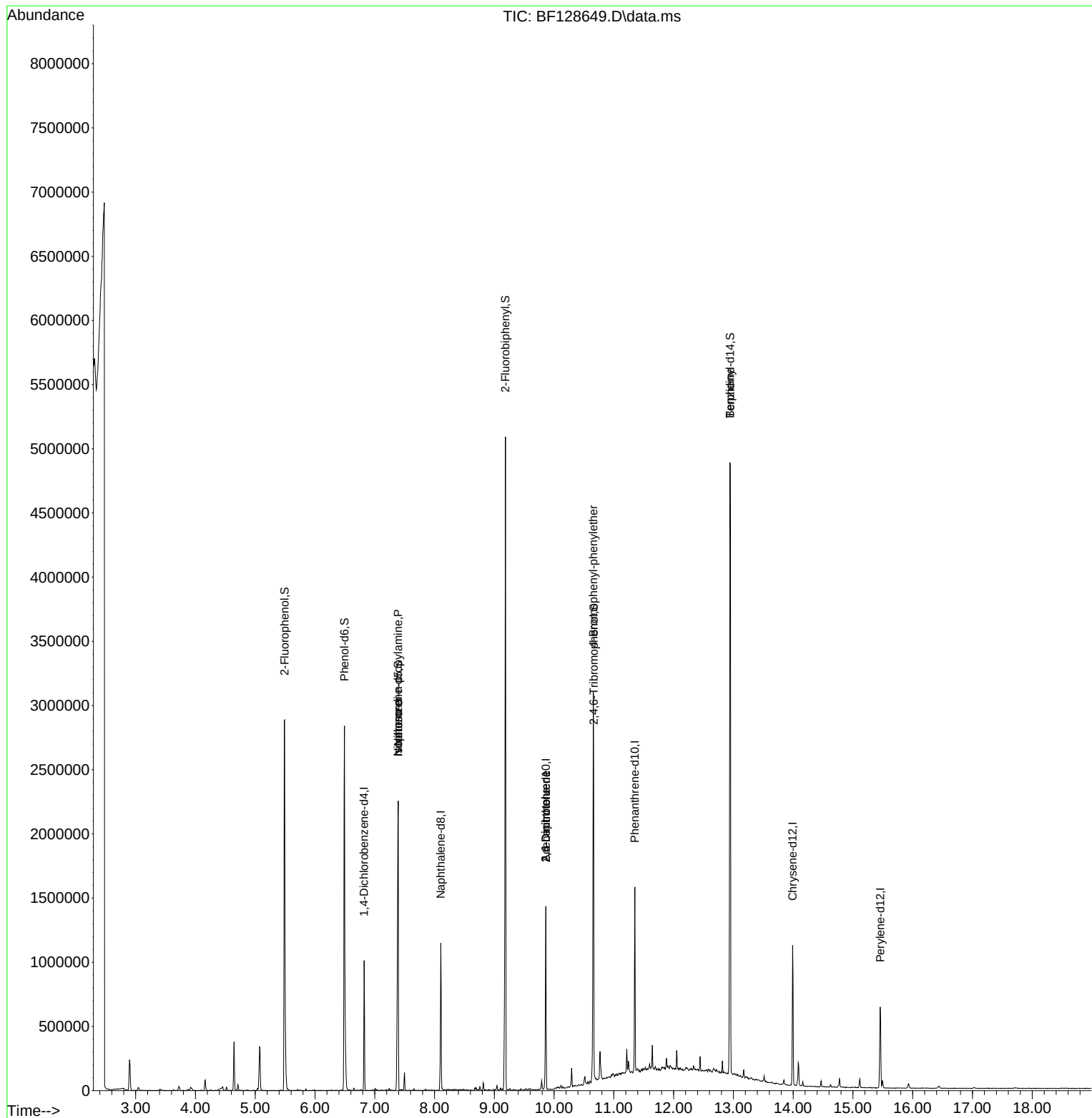
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	120947	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	468329	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	265514	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	471165	20.000	ng	0.00
76) Chrysene-d12	13.992	240	375649	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	282638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	782960	103.113	ng	0.02
7) Phenol-d6	6.492	99	905092	97.649	ng	0.00
23) Nitrobenzene-d5	7.392	82	811438	80.669	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	380547	121.302	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1541316	81.317	ng	0.00
79) Terphenyl-d14	12.945	244	1757927	81.316	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	117063	20.313	ng	# 78
25) Isophorone	7.392	82	809888	53.013	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	33447	9.325	ng	# 25
57) 2,4-Dinitrotoluene	9.863	165	33447	6.987	ng	# 21
67) 4-Bromophenyl-phenylether	10.657	248	25352	4.825	ng	# 1
77) Benzidine	12.945	184	27406	3.660	ng	# 92

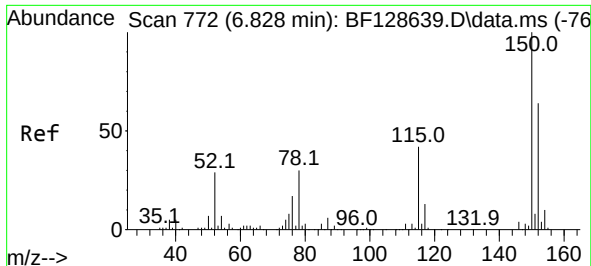
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

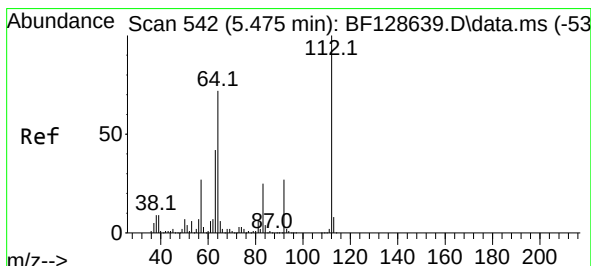
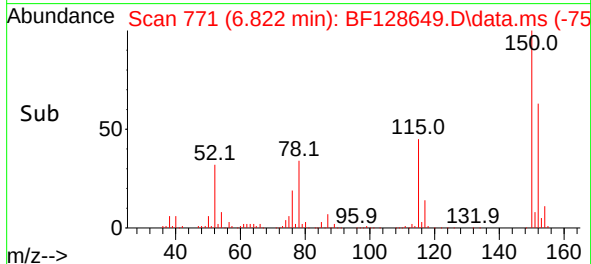
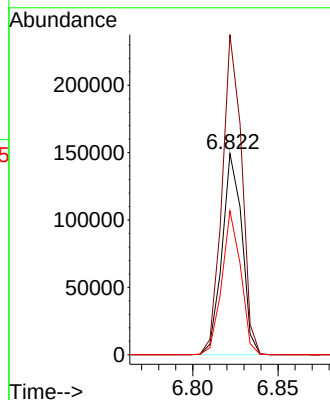
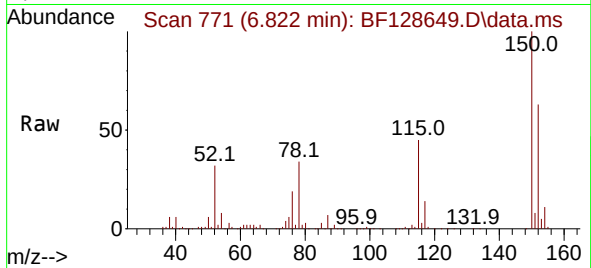




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128649.D
Acq: 02 Jun 2022 20:39

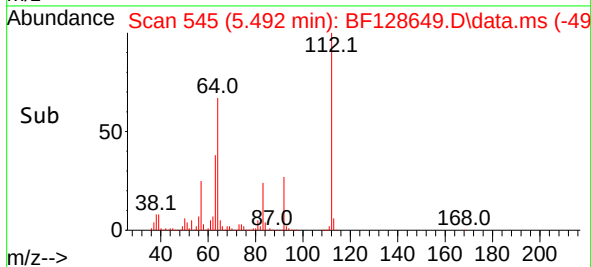
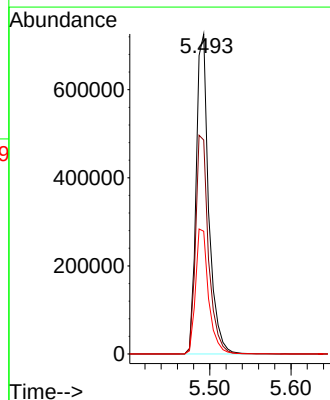
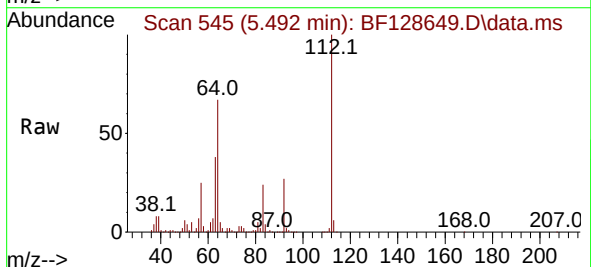
Instrument :
BNA_F
ClientSampleId :
WC-7

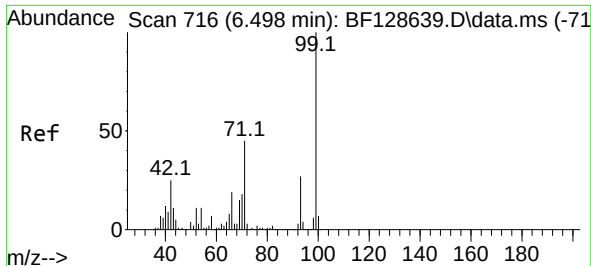
Tgt Ion:152 Resp: 120947
Ion Ratio Lower Upper
152 100
150 159.2 123.7 185.5
115 71.6 49.9 74.9



#5
2-Fluorophenol
Concen: 103.113 ng
RT: 5.492 min Scan# 545
Delta R.T. 0.018 min
Lab File: BF128649.D
Acq: 02 Jun 2022 20:39

Tgt Ion:112 Resp: 782960
Ion Ratio Lower Upper
112 100
64 66.9 53.3 79.9
63 38.3 28.0 42.0

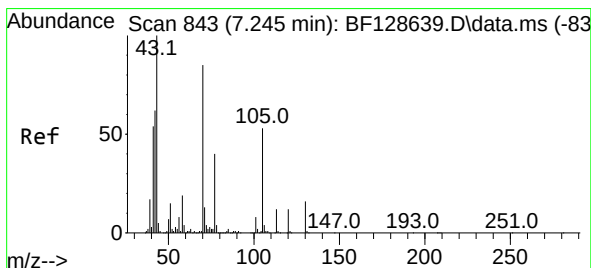
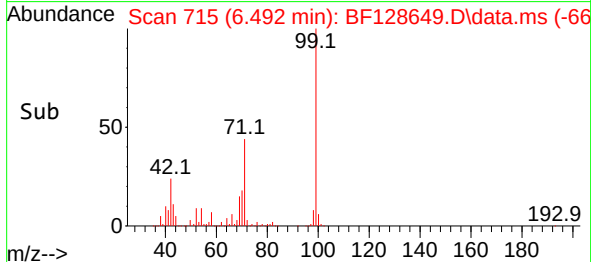
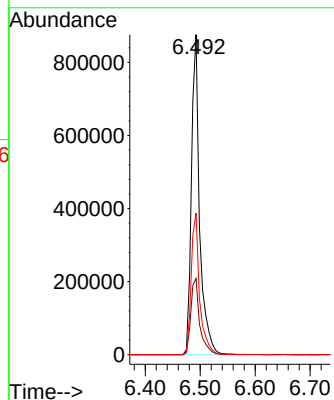
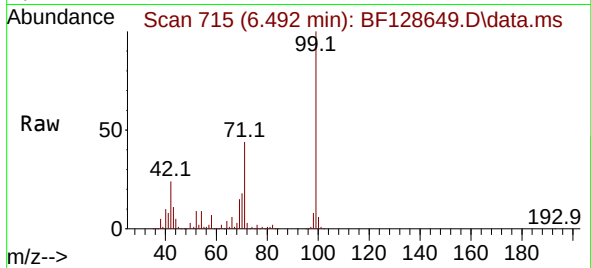




#7
Phenol-d6
Concen: 97.649 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128649.D
Acq: 02 Jun 2022 20:39

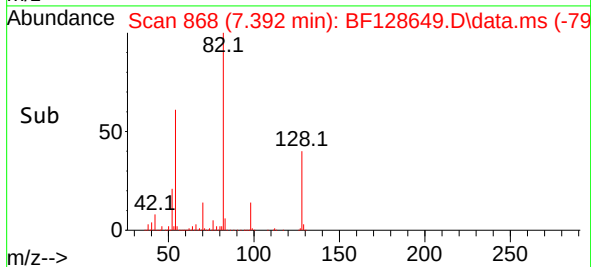
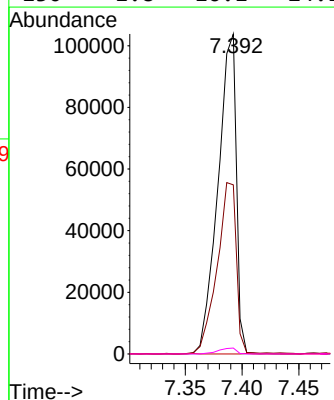
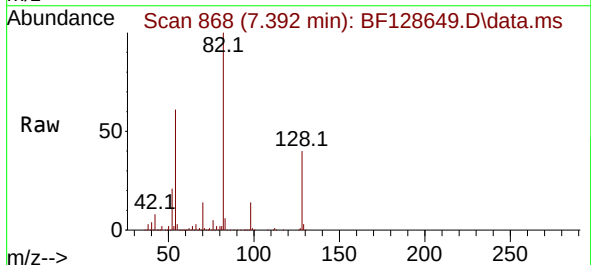
Instrument :
BNA_F
ClientSampleId :
WC-7

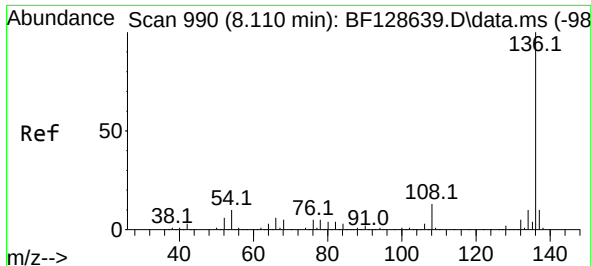
Tgt Ion: 99 Resp: 905092
Ion Ratio Lower Upper
99 100
42 23.8 17.3 25.9
71 44.3 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 20.313 ng
RT: 7.392 min Scan# 868
Delta R.T. 0.147 min
Lab File: BF128649.D
Acq: 02 Jun 2022 20:39

Tgt Ion: 70 Resp: 117063
Ion Ratio Lower Upper
70 100
42 52.9 52.3 78.5
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

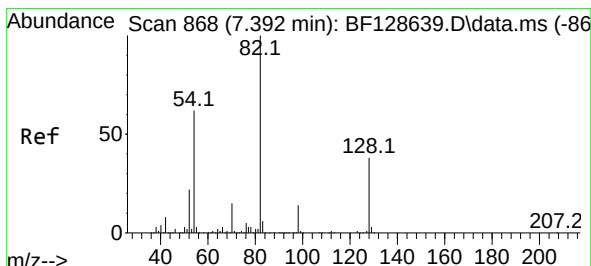
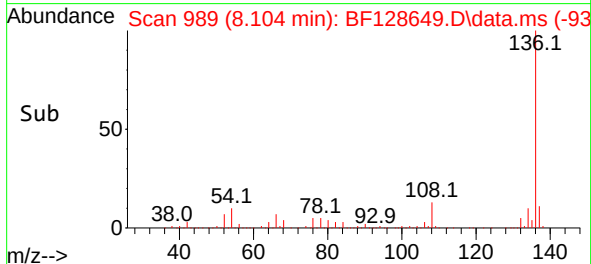
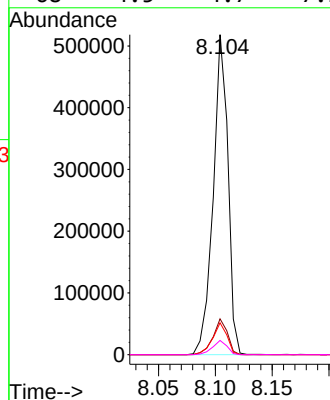
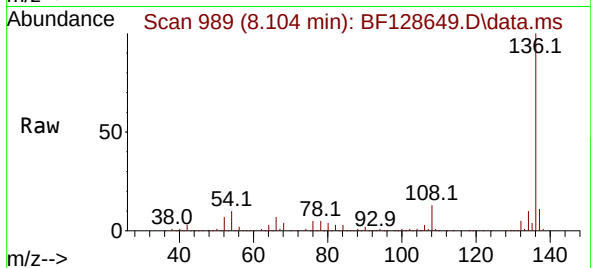




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128649.D
Acq: 02 Jun 2022 20:39

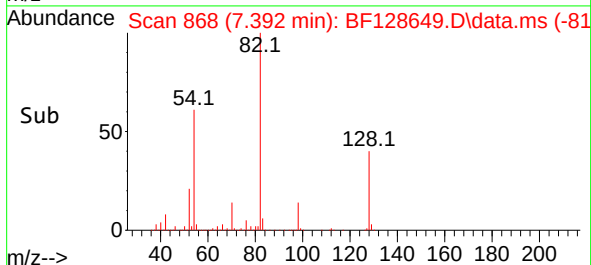
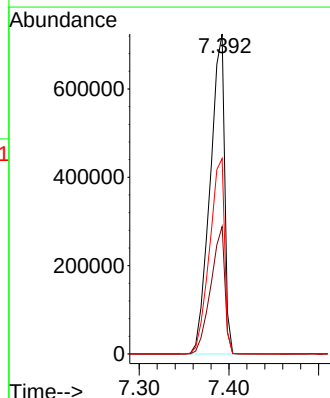
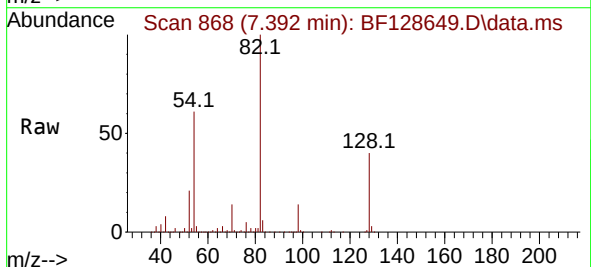
Instrument :
BNA_F
ClientSampleId :
WC-7

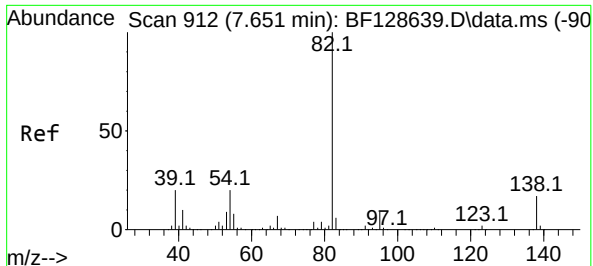
Tgt Ion:136 Resp: 468329
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.9 7.5 11.3
68 4.5 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 80.669 ng
RT: 7.392 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF128649.D
Acq: 02 Jun 2022 20:39

Tgt Ion: 82 Resp: 811438
Ion Ratio Lower Upper
82 100
128 39.8 34.0 51.0
54 61.1 46.9 70.3

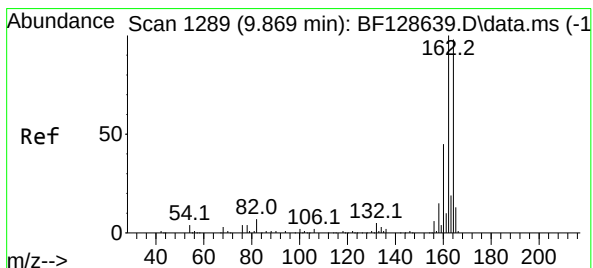
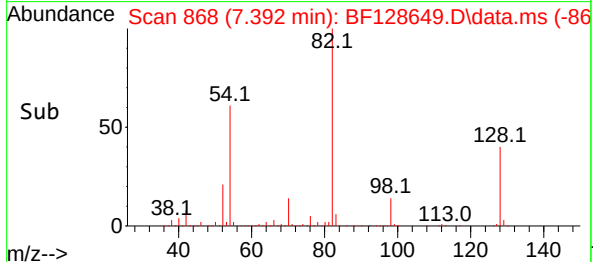
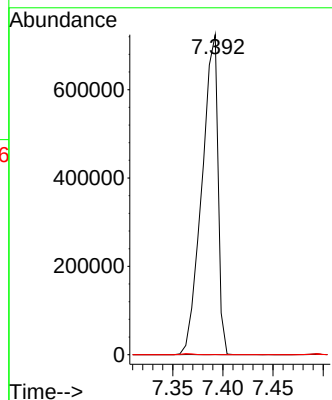
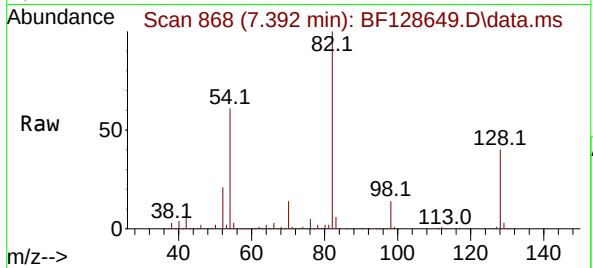




#25
Isophorone
Concen: 53.013 ng
RT: 7.392 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF128649.D
Acq: 02 Jun 2022 20:39

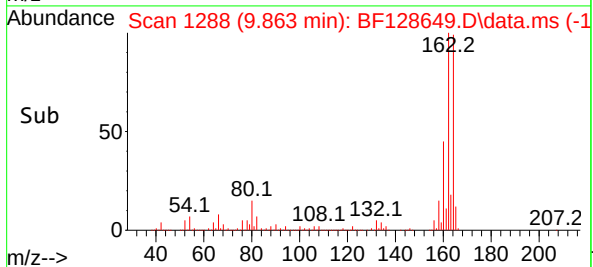
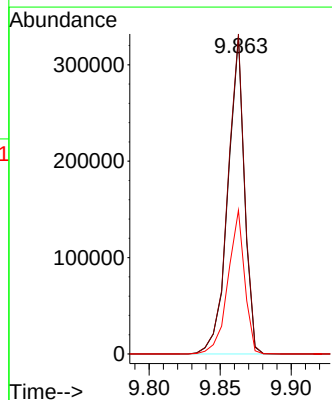
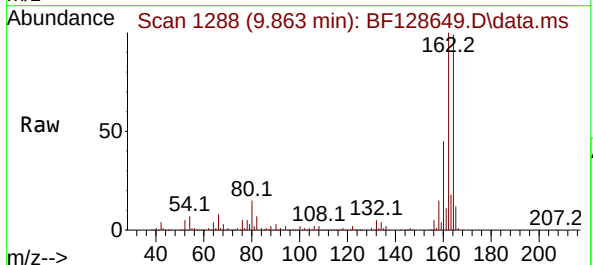
Instrument :
BNA_F
ClientSampleId :
WC-7

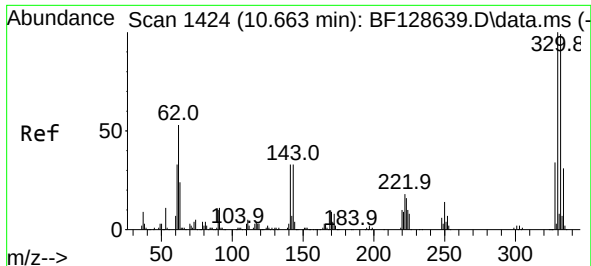
Tgt Ion: 82 Resp: 809888
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128649.D
Acq: 02 Jun 2022 20:39

Tgt Ion:164 Resp: 265514
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 45.3 34.2 51.4

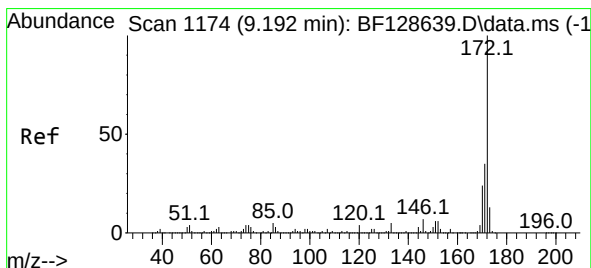
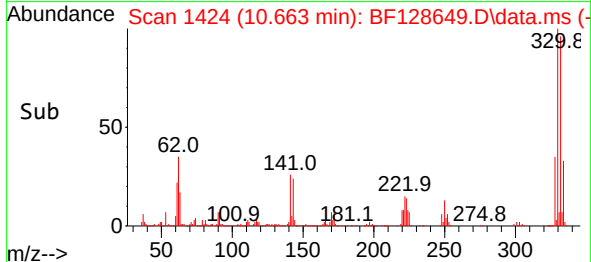
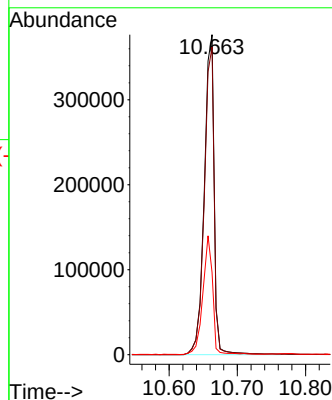
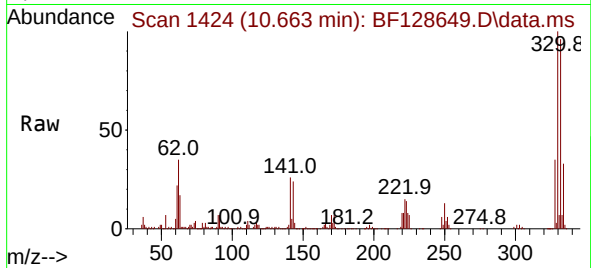




#42
2,4,6-Tribromophenol
Concen: 121.302 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF128649.D
Acq: 02 Jun 2022 20:39

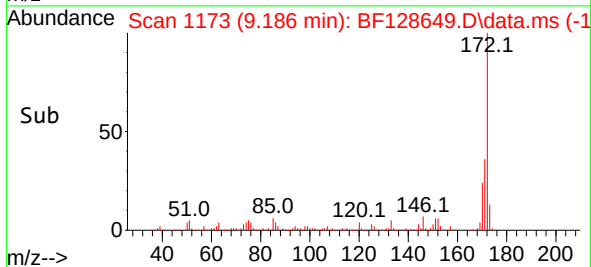
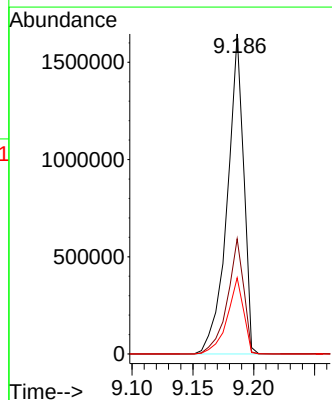
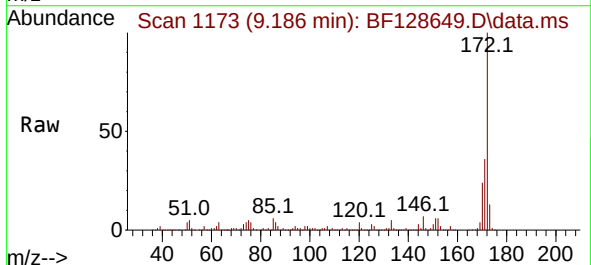
Instrument :
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ClientSampleId :
WC-7

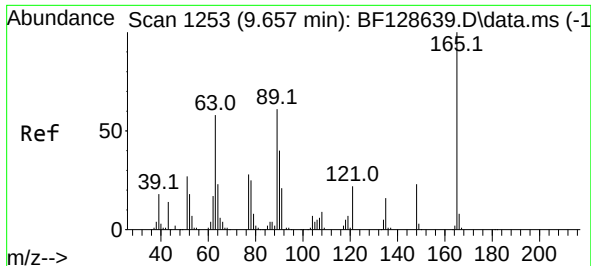
Tgt Ion:330 Resp: 380547
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 36.5 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 81.317 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF128649.D
Acq: 02 Jun 2022 20:39

Tgt Ion:172 Resp: 1541316
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.8 19.8 29.8

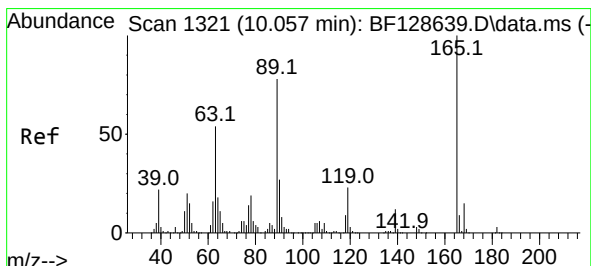
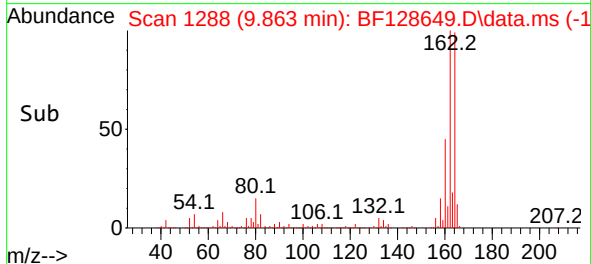
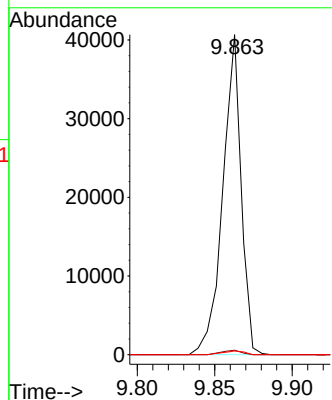
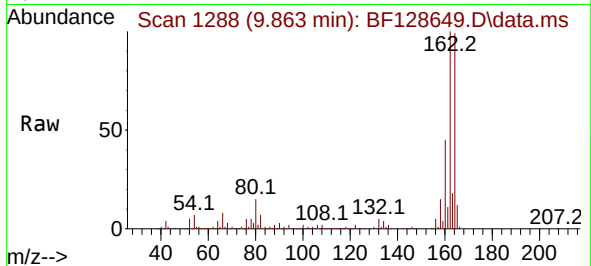




#51
2,6-Dinitrotoluene
Concen: 9.325 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128649.D
Acq: 02 Jun 2022 20:39

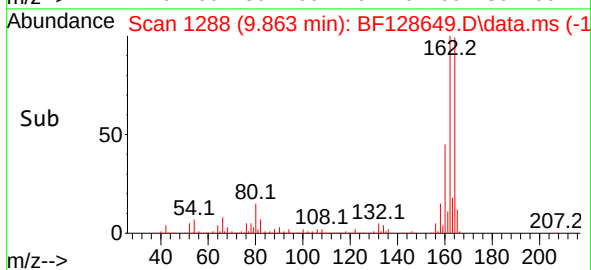
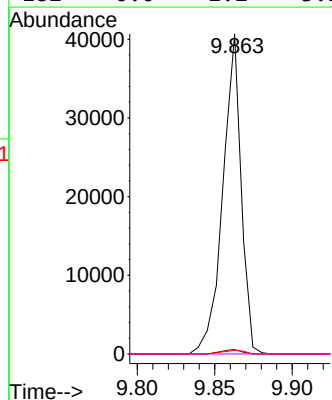
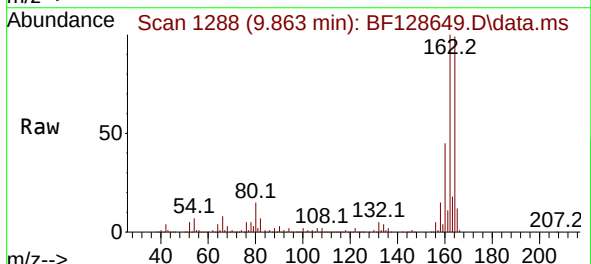
Instrument :
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ClientSampleId :
WC-7

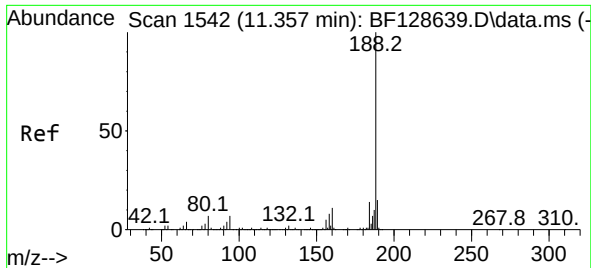
Tgt Ion:165 Resp: 33447
Ion Ratio Lower Upper
165 100
63 1.4 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.987 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128649.D
Acq: 02 Jun 2022 20:39

Tgt Ion:165 Resp: 33447
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#

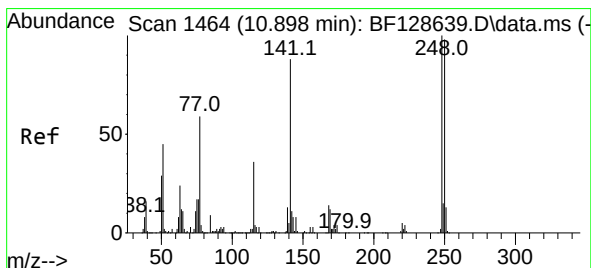
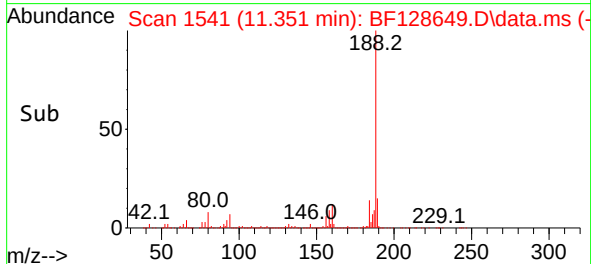
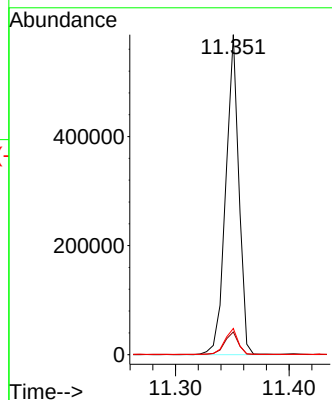
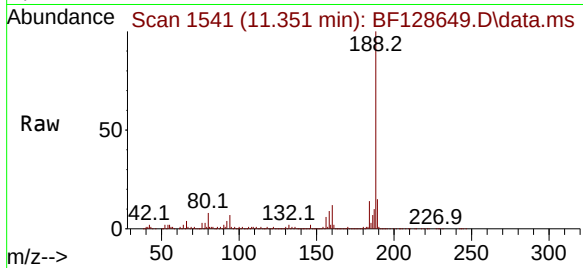




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128649.D
Acq: 02 Jun 2022 20:39

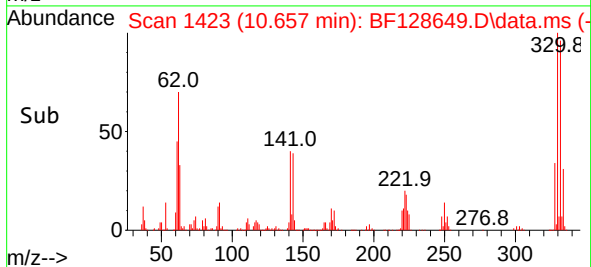
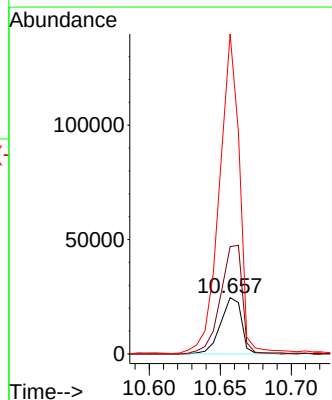
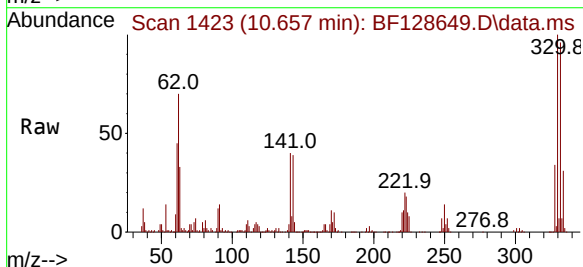
Instrument :
BNA_F
ClientSampleId :
WC-7

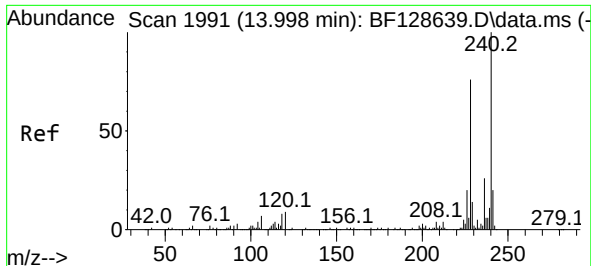
Tgt Ion:188 Resp: 471165
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.6
80 8.2 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.825 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.241 min
Lab File: BF128649.D
Acq: 02 Jun 2022 20:39

Tgt Ion:248 Resp: 25352
Ion Ratio Lower Upper
248 100
250 190.5 80.6 120.8#
141 567.8 58.9 88.3#

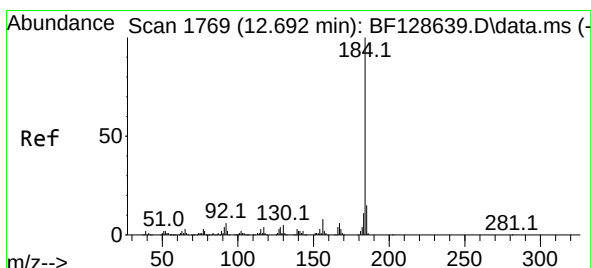
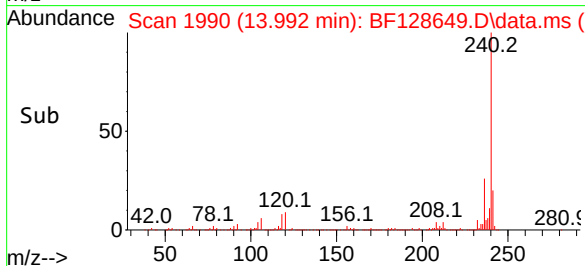
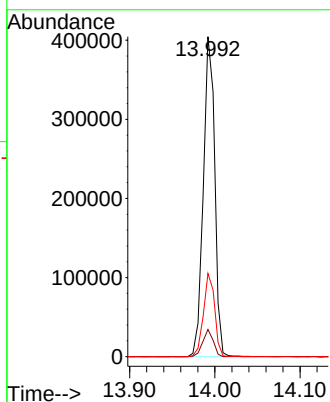
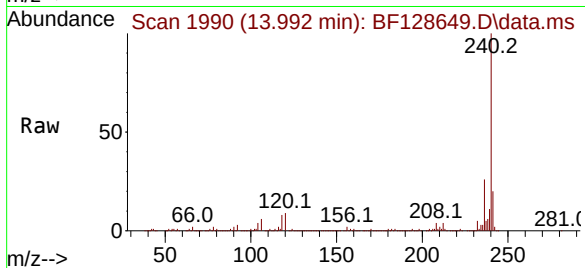




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF128649.D
Acq: 02 Jun 2022 20:39

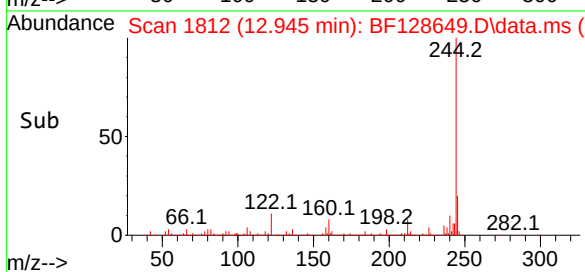
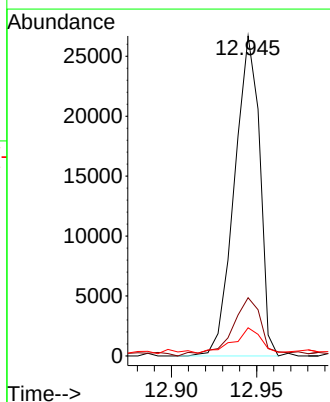
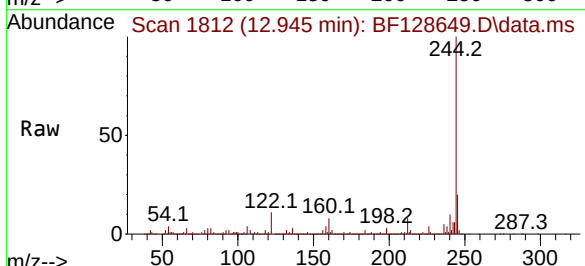
Instrument :
BNA_F
ClientSampleId :
WC-7

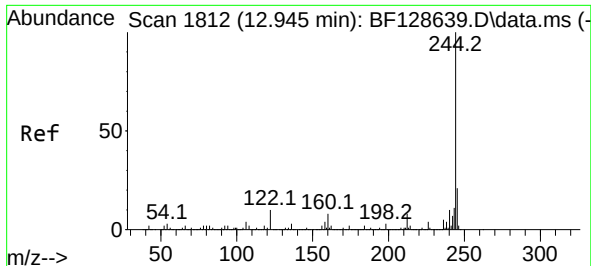
Tgt Ion:240 Resp: 375649
Ion Ratio Lower Upper
240 100
120 8.5 8.9 13.3#
236 26.0 20.8 31.2



#77
Benzidine
Concen: 3.660 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.253 min
Lab File: BF128649.D
Acq: 02 Jun 2022 20:39

Tgt Ion:184 Resp: 27406
Ion Ratio Lower Upper
184 100
185 18.2 11.9 17.9#
183 8.8 9.3 13.9#

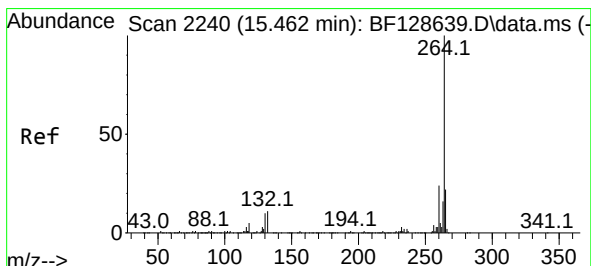
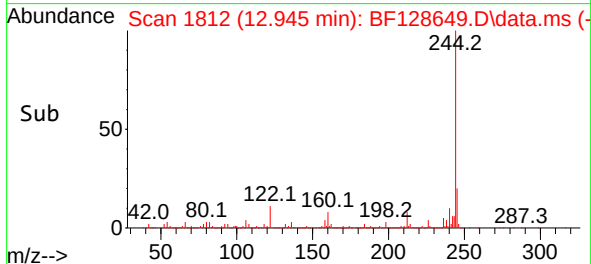
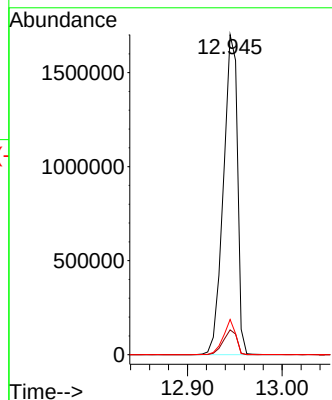
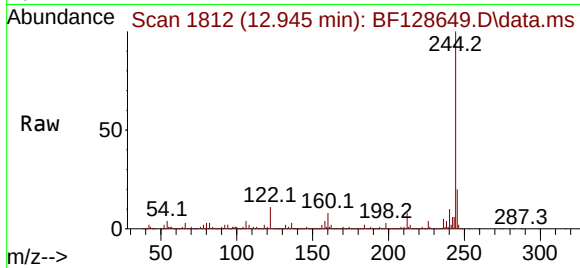




#79
 Terphenyl-d14
 Concen: 81.316 ng
 RT: 12.945 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128649.D
 Acq: 02 Jun 2022 20:39

Instrument :
 BNA_F
 ClientSampleId :
 WC-7

Tgt Ion:244 Resp: 1757927
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 11.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2239
 Delta R.T. -0.005 min
 Lab File: BF128649.D
 Acq: 02 Jun 2022 20:39

Tgt Ion:264 Resp: 282638
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 21.7 17.2 25.8

