

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF128987.D
 Acq On : 24 Jun 2022 14:03
 Operator : CG\JU
 Sample : N3463-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-D1(0-4)

Quant Time: Jun 25 06:13:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

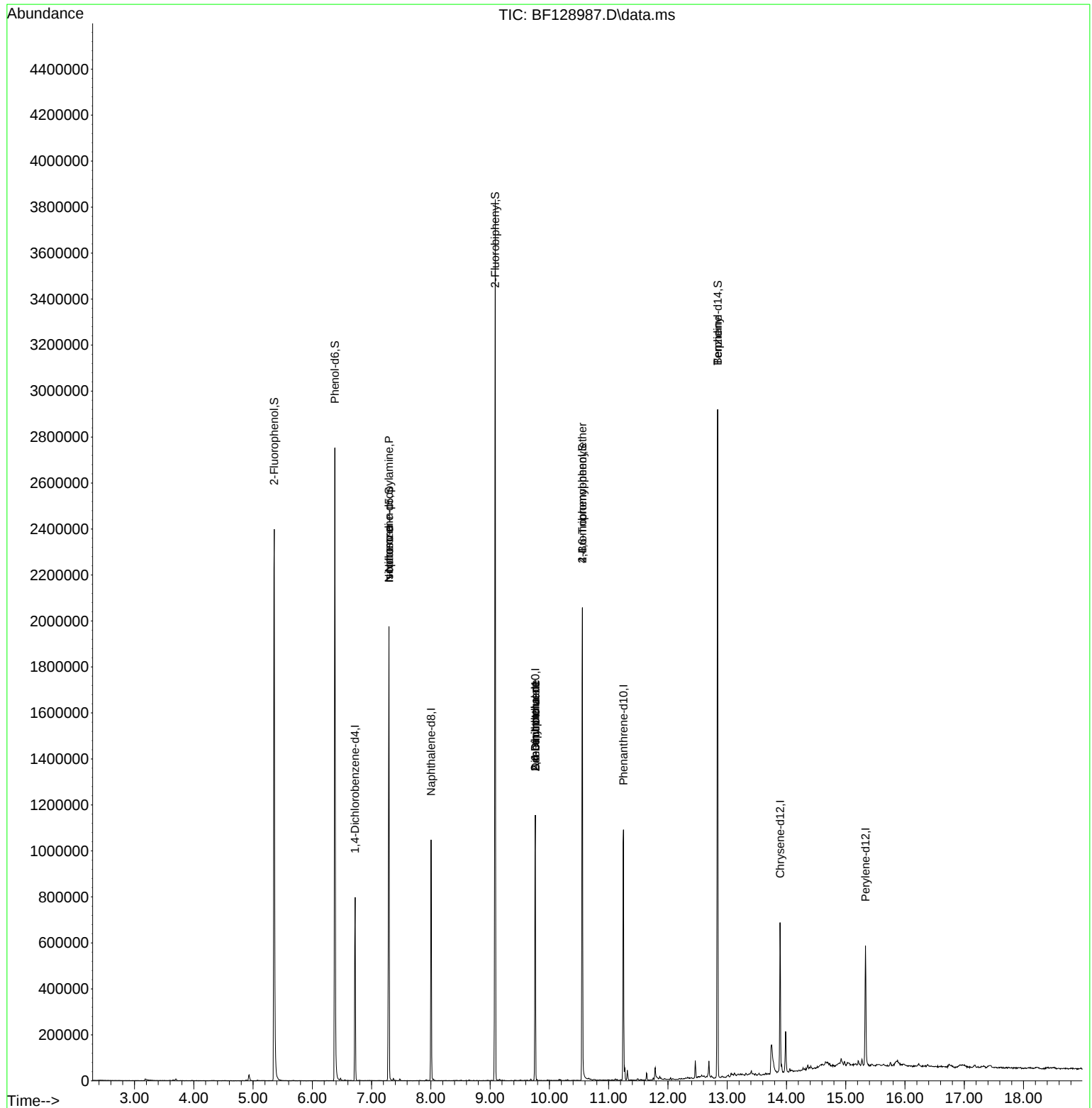
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	106355	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	411474	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	228631	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	410073	20.000	ng	# 0.00
76) Chrysene-d12	13.892	240	213173	20.000	ng	0.00
86) Perylene-d12	15.333	264	216790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	641671	96.100	ng	0.00
7) Phenol-d6	6.381	99	814537	99.936	ng	0.00
23) Nitrobenzene-d5	7.292	82	575761	65.148	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	236495	87.546	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1086612	66.576	ng	0.00
79) Terphenyl-d14	12.839	244	965151	78.672	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.292	70	82319	16.244	ng	# 78
25) Isophorone	7.292	82	573109	42.697	ng	# 65
50) Dimethylphthalate	9.763	163	43180	2.759	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	28922	9.364	ng	# 26
57) 2,4-Dinitrotoluene	9.763	165	28922	7.016	ng	# 21
67) 4-Bromophenyl-phenylether	10.557	248	15497	3.389	ng	# 1
77) Benzidine	12.839	184	14337	3.374	ng	# 90

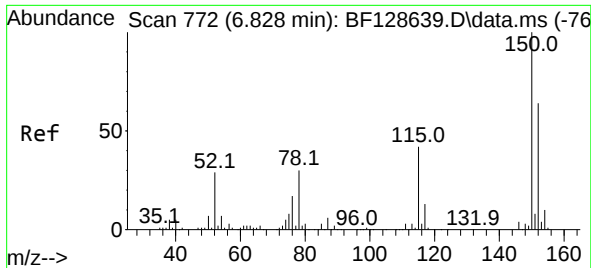
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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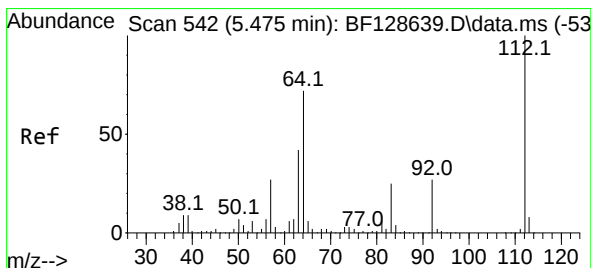
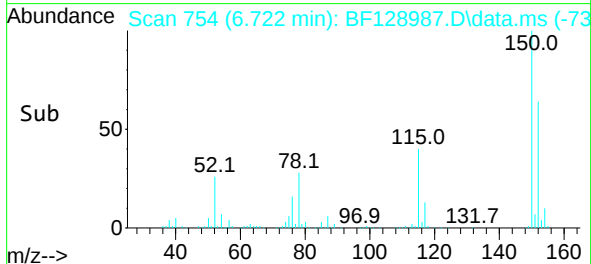
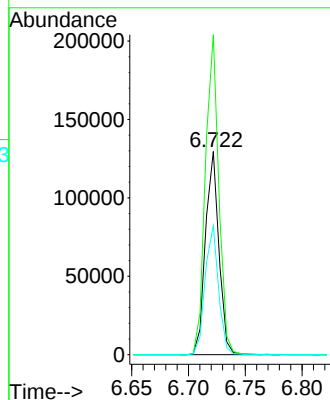
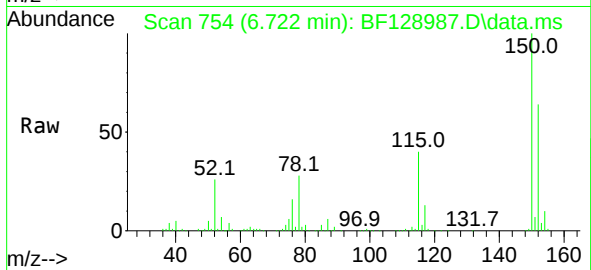




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128987.D
Acq: 24 Jun 2022 14:03

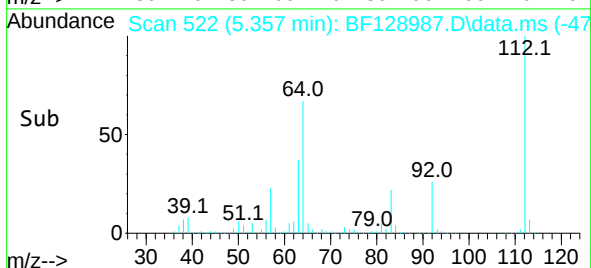
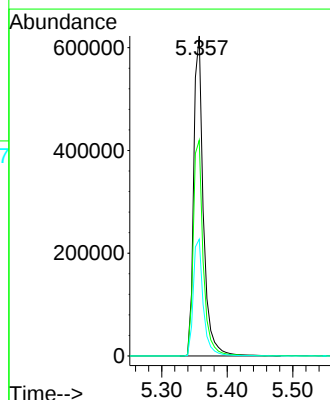
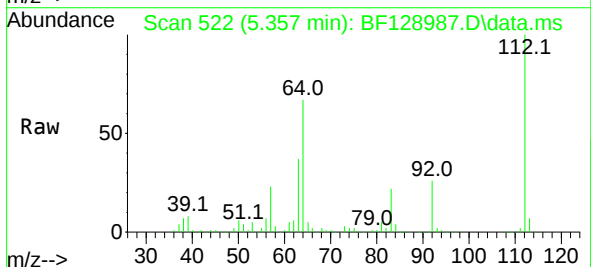
Instrument :
BNA_F
ClientSampleId :
WC-D1(0-4)

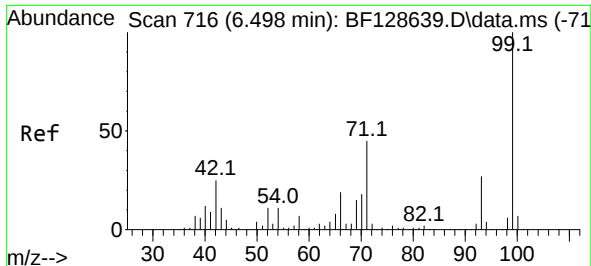
Tgt Ion:152 Resp: 106355
Ion Ratio Lower Upper
152 100
150 157.5 123.7 185.5
115 63.4 49.9 74.9



#5
2-Fluorophenol
Concen: 96.100 ng
RT: 5.357 min Scan# 522
Delta R.T. -0.000 min
Lab File: BF128987.D
Acq: 24 Jun 2022 14:03

Tgt Ion:112 Resp: 641671
Ion Ratio Lower Upper
112 100
64 67.4 53.3 79.9
63 36.5 28.0 42.0

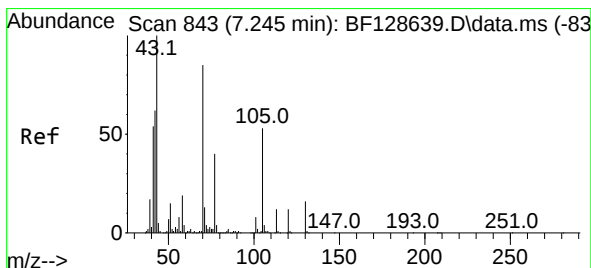
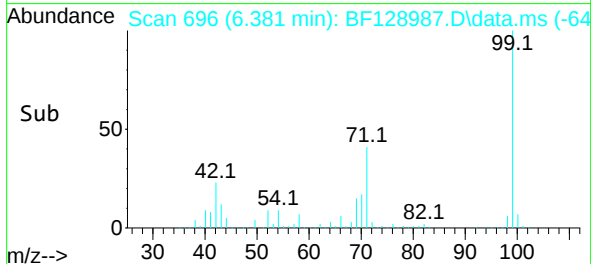
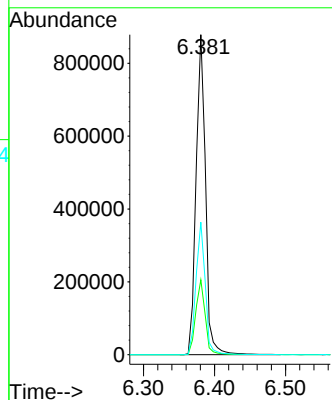
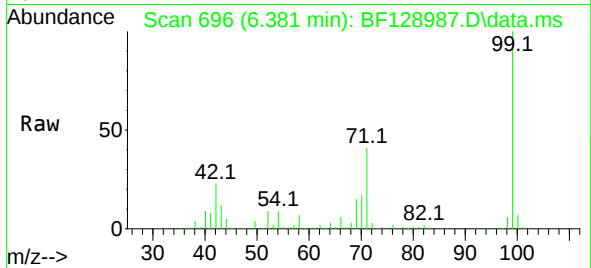




#7
Phenol-d6
Concen: 99.936 ng
RT: 6.381 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF128987.D
Acq: 24 Jun 2022 14:03

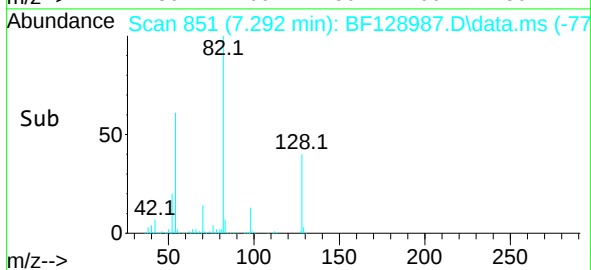
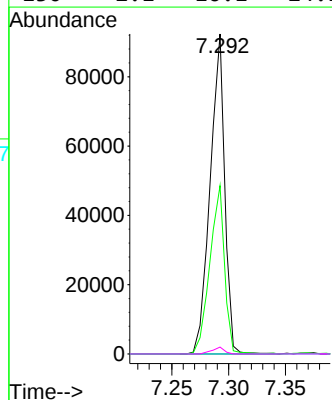
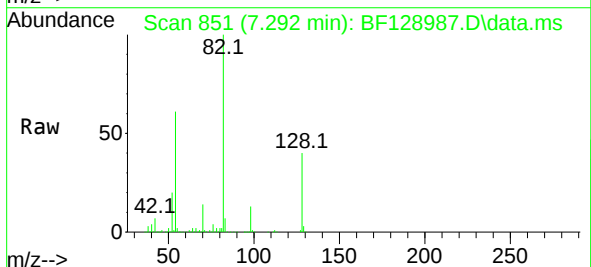
Instrument :
BNA_F
ClientSampleId :
WC-D1(0-4)

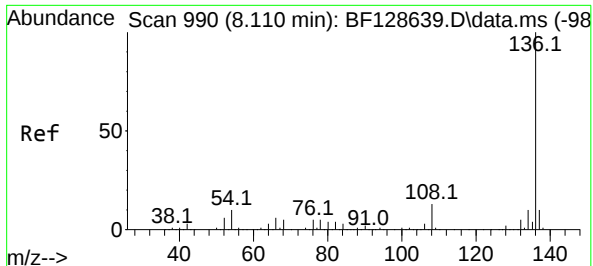
Tgt Ion: 99 Resp: 814537
Ion Ratio Lower Upper
99 100
42 23.4 17.3 25.9
71 41.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.244 ng
RT: 7.292 min Scan# 851
Delta R.T. 0.141 min
Lab File: BF128987.D
Acq: 24 Jun 2022 14:03

Tgt Ion: 70 Resp: 82319
Ion Ratio Lower Upper
70 100
42 52.6 52.3 78.5
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

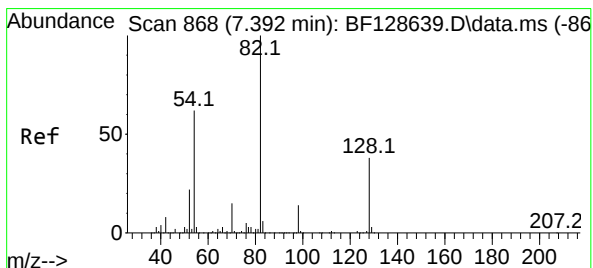
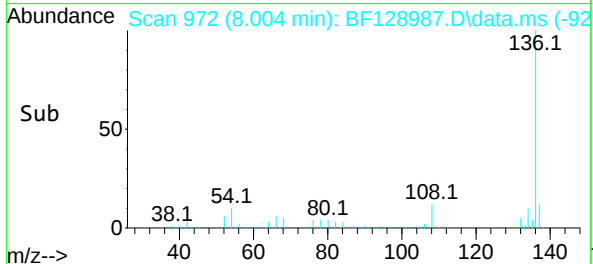
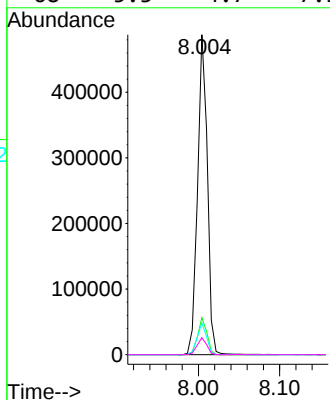
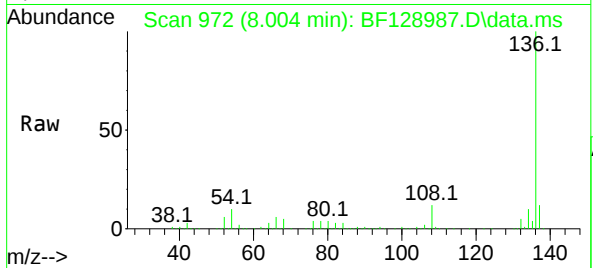




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128987.D
Acq: 24 Jun 2022 14:03

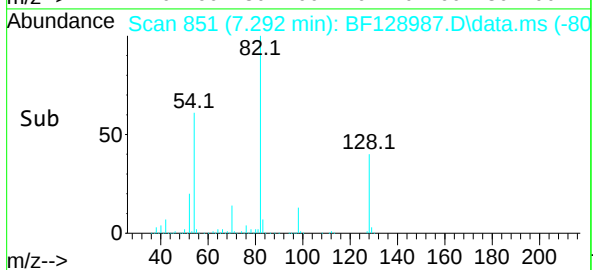
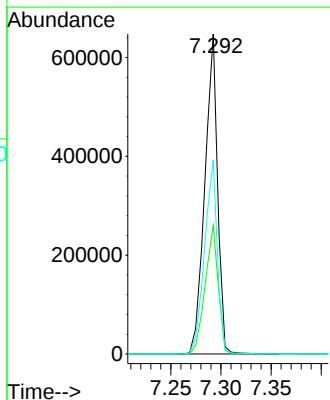
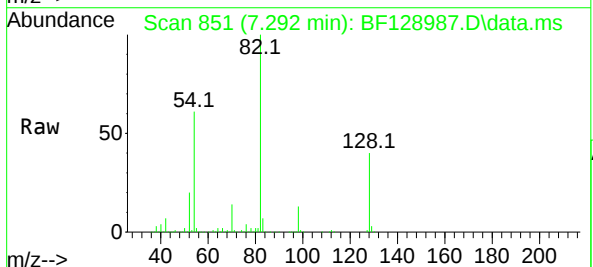
Instrument :
BNA_F
ClientSampleId :
WC-D1(0-4)

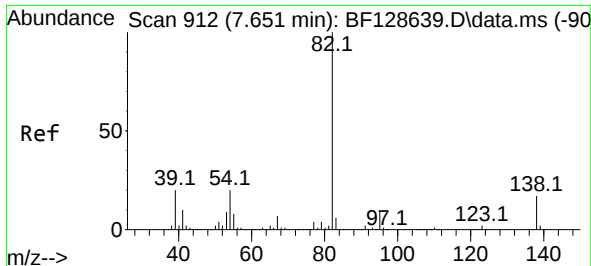
Tgt Ion:136 Resp: 411474
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 9.9 7.5 11.3
68 5.3 4.7 7.1



#23
Nitrobenzene-d5
Concen: 65.148 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF128987.D
Acq: 24 Jun 2022 14:03

Tgt Ion: 82 Resp: 575761
Ion Ratio Lower Upper
82 100
128 40.1 34.0 51.0
54 60.7 46.9 70.3

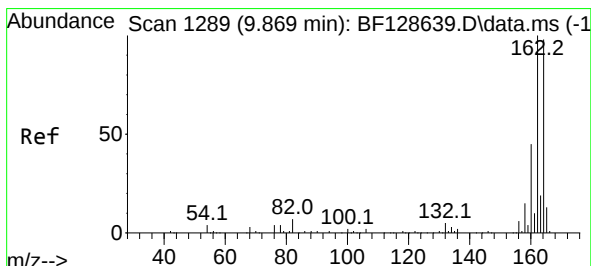
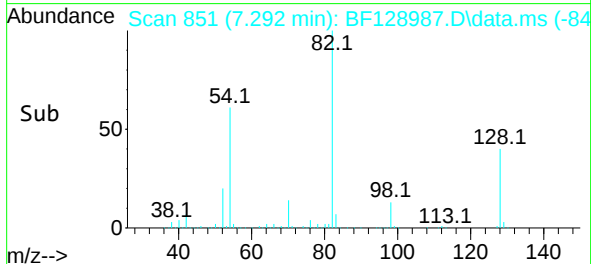
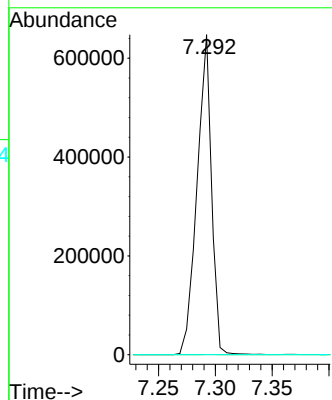
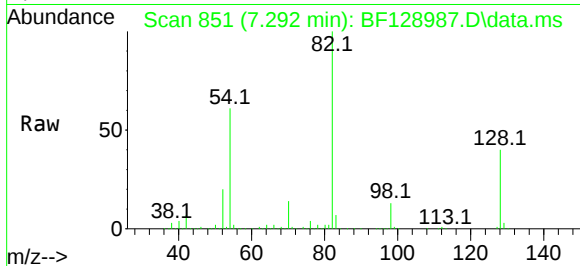




#25
Isophorone
Concen: 42.697 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128987.D
Acq: 24 Jun 2022 14:03

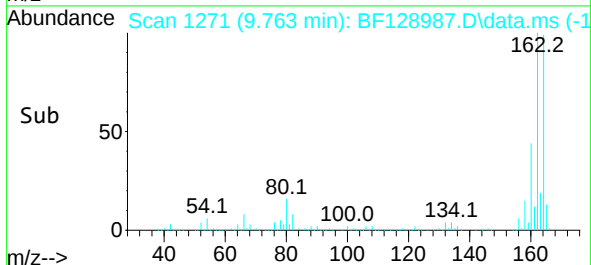
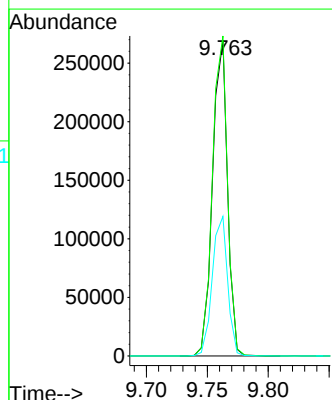
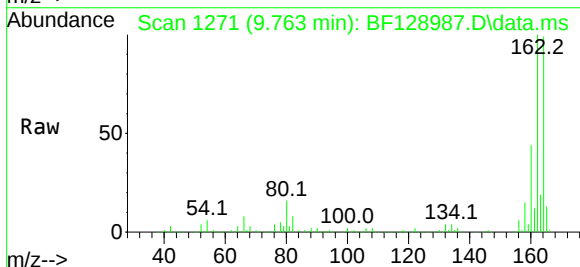
Instrument :
BNA_F
ClientSampleId :
WC-D1(0-4)

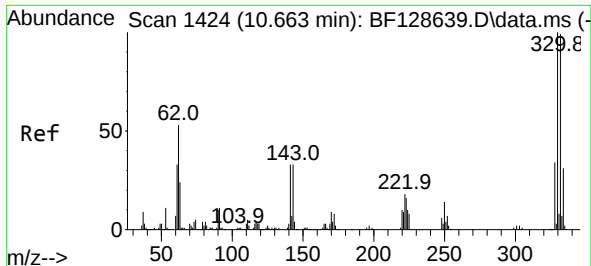
Tgt Ion: 82 Resp: 573109
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128987.D
Acq: 24 Jun 2022 14:03

Tgt Ion:164 Resp: 228631
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 87.546 ng

RT: 10.557 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128987.D

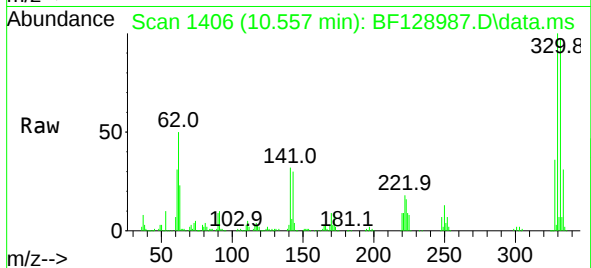
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Instrument :

BNA_F

ClientSampleId :

WC-D1(0-4)



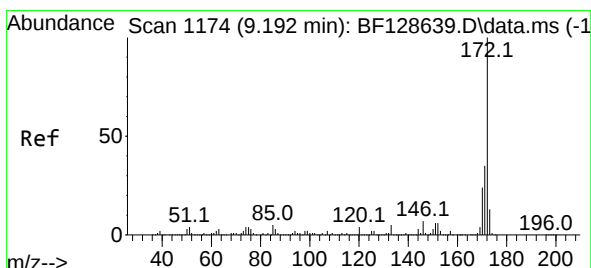
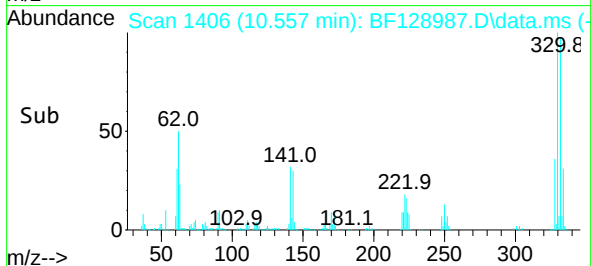
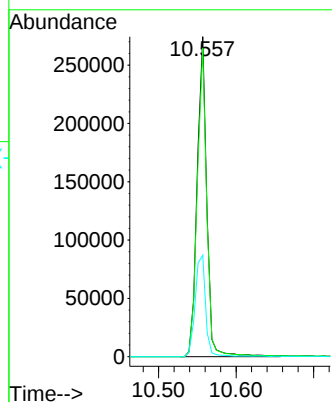
Tgt Ion:330 Resp: 236495

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

141 34.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 66.576 ng

RT: 9.086 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF128987.D

Acq: 24 Jun 2022 14:03

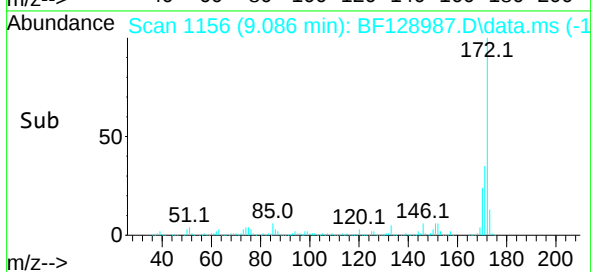
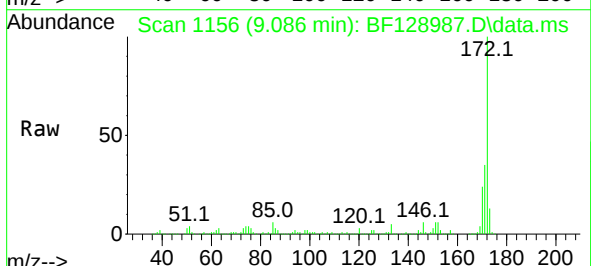
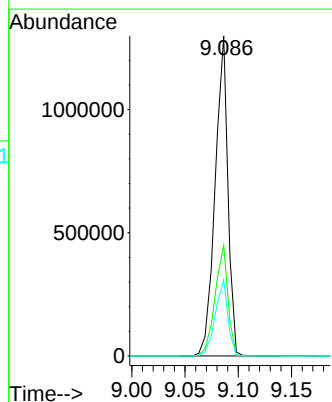
Tgt Ion:172 Resp: 1086612

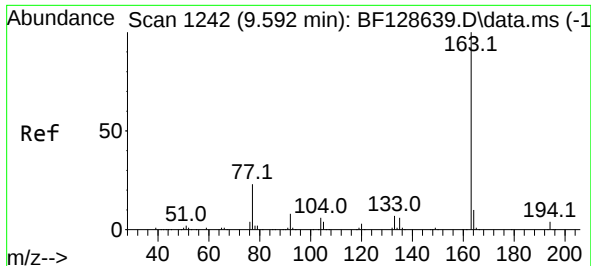
Ion Ratio Lower Upper

172 100

171 34.6 28.8 43.2

170 23.7 19.8 29.8

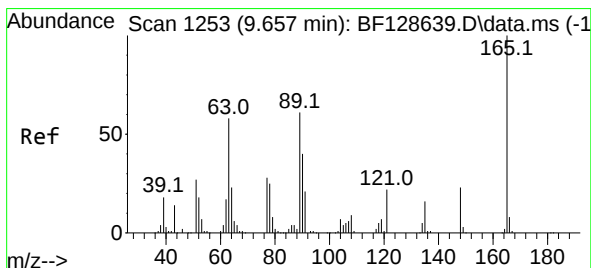
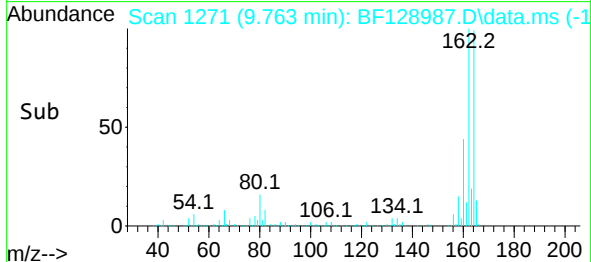
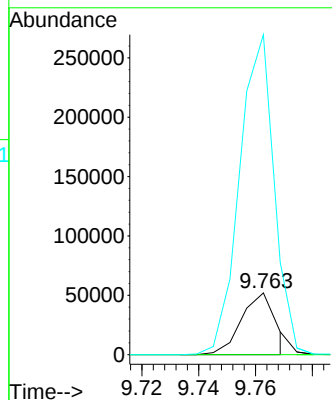
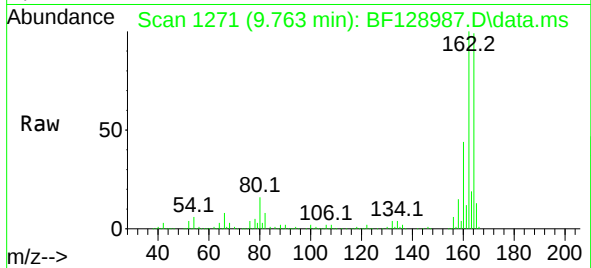




#50
Dimethylphthalate
Concen: 2.759 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.265 min
Lab File: BF128987.D
Acq: 24 Jun 2022 14:03

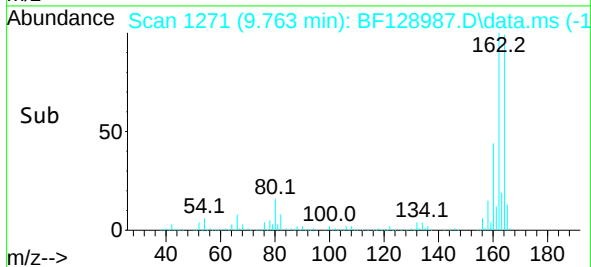
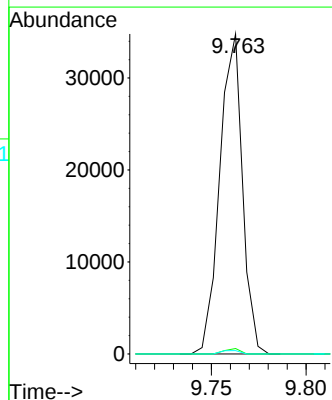
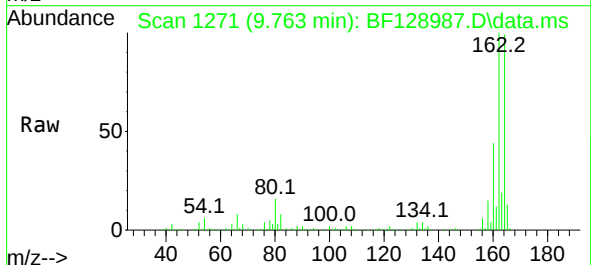
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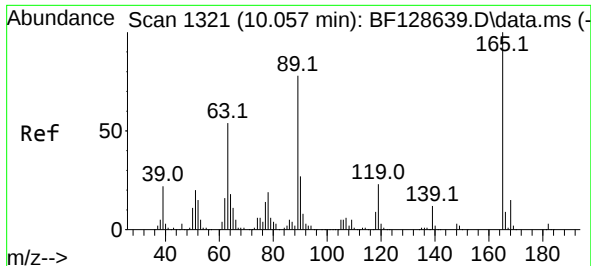
Tgt Ion:163 Resp: 43180
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 517.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.364 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.200 min
Lab File: BF128987.D
Acq: 24 Jun 2022 14:03

Tgt Ion:165 Resp: 28922
Ion Ratio Lower Upper
165 100
63 1.7 44.9 67.3#
89 1.0 43.6 65.4#

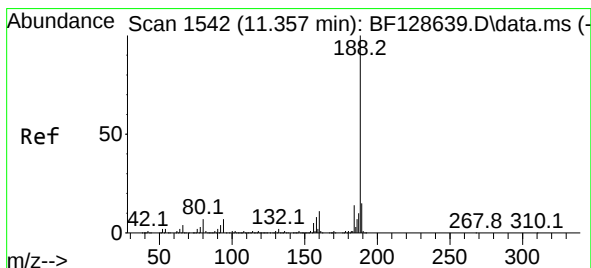
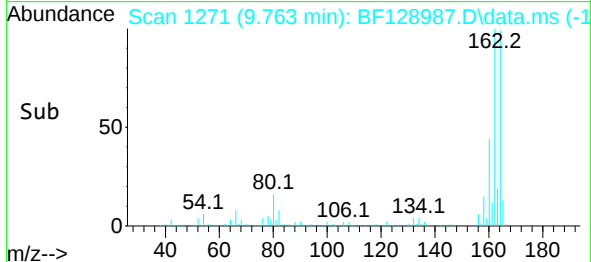
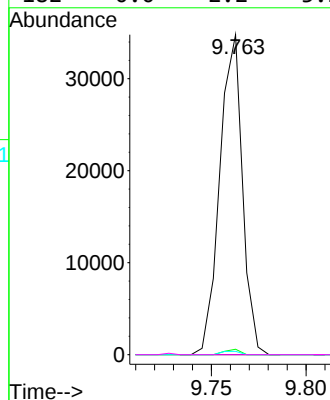
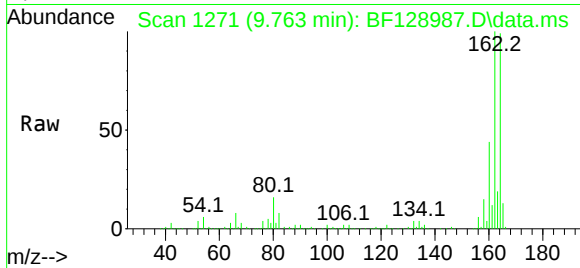




#57
2,4-Dinitrotoluene
Concen: 7.016 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128987.D
Acq: 24 Jun 2022 14:03

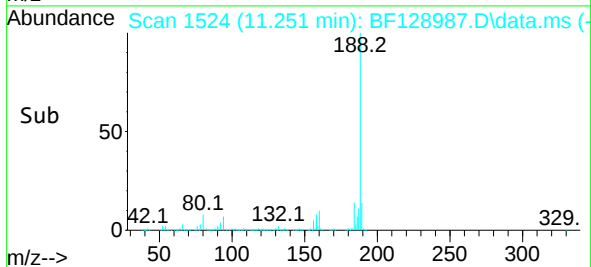
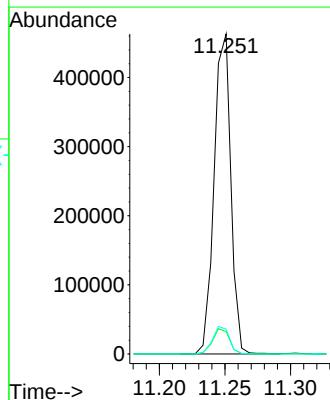
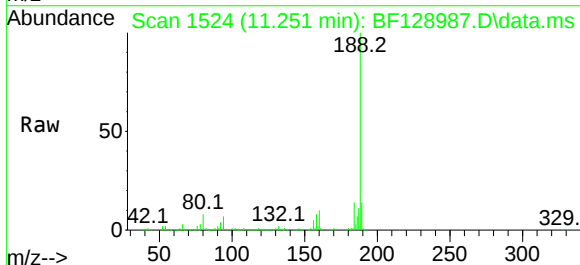
Instrument :
BNA_F
ClientSampleId :
WC-D1(0-4)

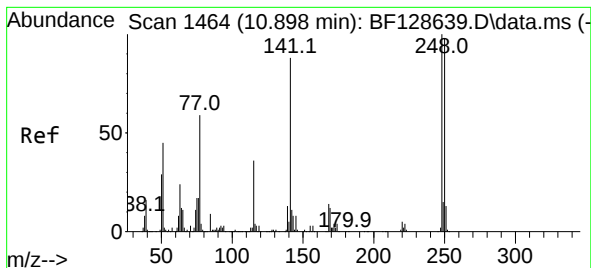
Tgt Ion:165 Resp: 28922
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 1.0 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BF128987.D
Acq: 24 Jun 2022 14:03

Tgt Ion:188 Resp: 410073
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6#
80 7.8 7.6 11.4

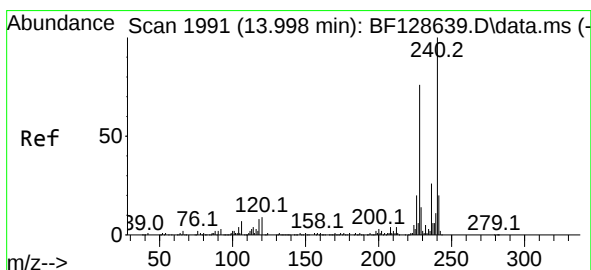
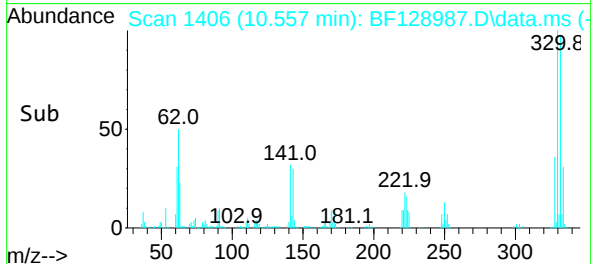
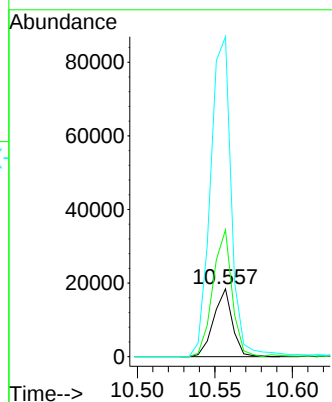
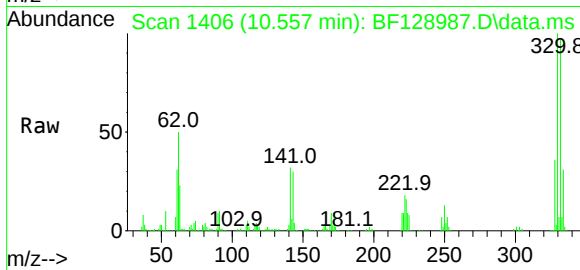




#67
4-Bromophenyl-phenylether
Concen: 3.389 ng
RT: 10.557 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF128987.D
Acq: 24 Jun 2022 14:03

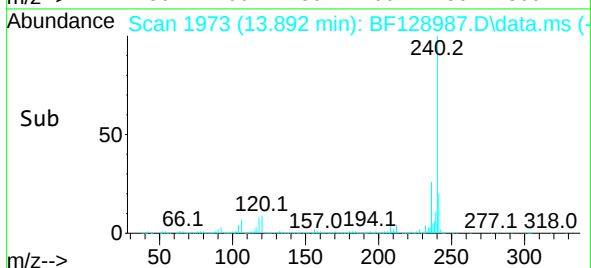
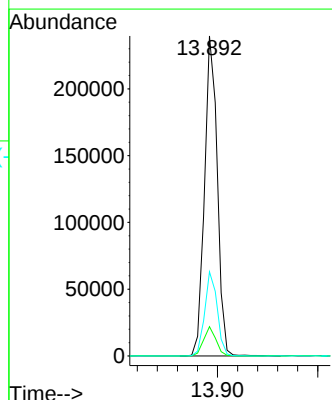
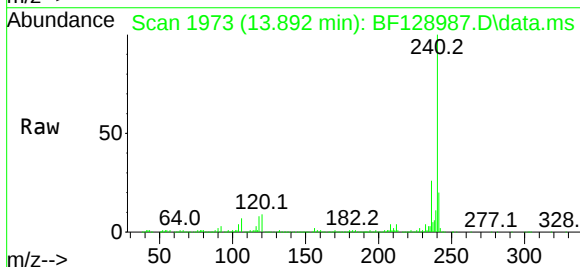
Instrument :
BNA_F
ClientSampleId :
WC-D1(0-4)

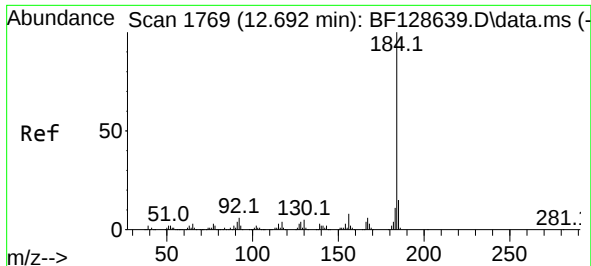
Tgt Ion:248 Resp: 15497
Ion Ratio Lower Upper
248 100
250 186.7 80.6 120.8#
141 471.2 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BF128987.D
Acq: 24 Jun 2022 14:03

Tgt Ion:240 Resp: 213173
Ion Ratio Lower Upper
240 100
120 9.2 8.9 13.3
236 26.3 20.8 31.2

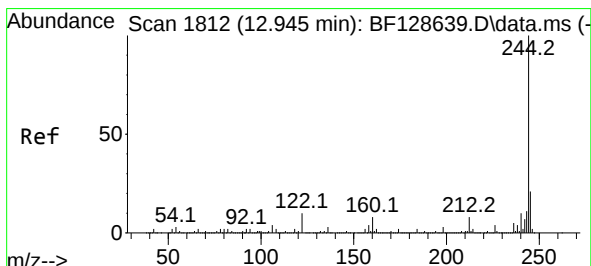
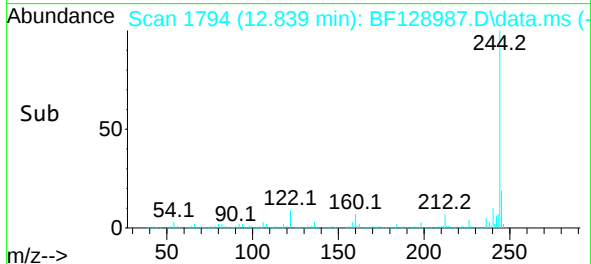
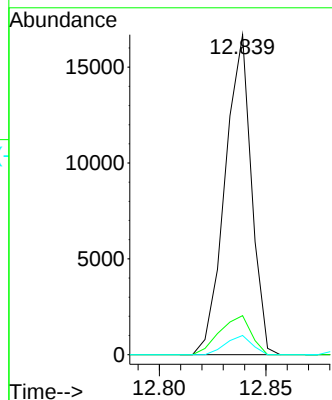
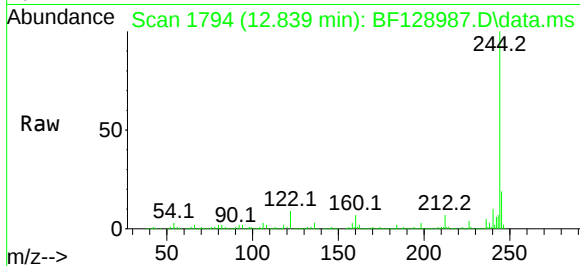




#77
Benzidine
Concen: 3.374 ng
RT: 12.839 min Scan# 1794
Delta R.T. 0.247 min
Lab File: BF128987.D
Acq: 24 Jun 2022 14:03

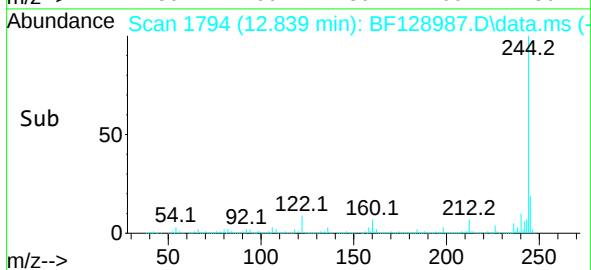
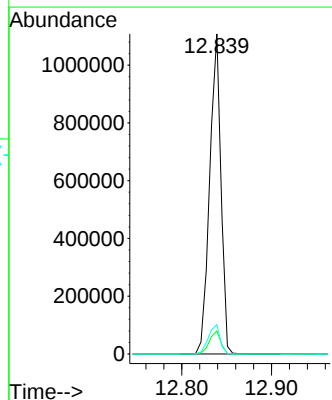
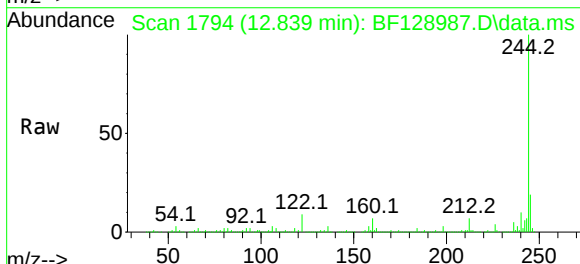
Instrument :
BNA_F
ClientSampleId :
WC-D1(0-4)

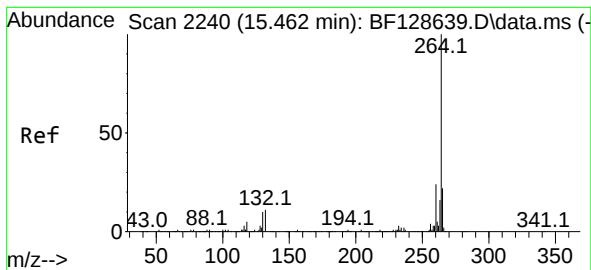
Tgt Ion:184 Resp: 14337
Ion Ratio Lower Upper
184 100
185 12.2 11.9 17.9
183 6.0 9.3 13.9#



#79
Terphenyl-d14
Concen: 78.672 ng
RT: 12.839 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF128987.D
Acq: 24 Jun 2022 14:03

Tgt Ion:244 Resp: 965151
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 9.1 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.333 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF128987.D
 Acq: 24 Jun 2022 14:03

Instrument :
 BNA_F
 ClientSampleId :
 WC-D1(0-4)

Tgt Ion:264 Resp: 216790
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 22.6 17.2 25.8

