

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF128992.D
 Acq On : 24 Jun 2022 16:29
 Operator : CG\JU
 Sample : N3431-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-2

Quant Time: Jun 25 06:14:22 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)

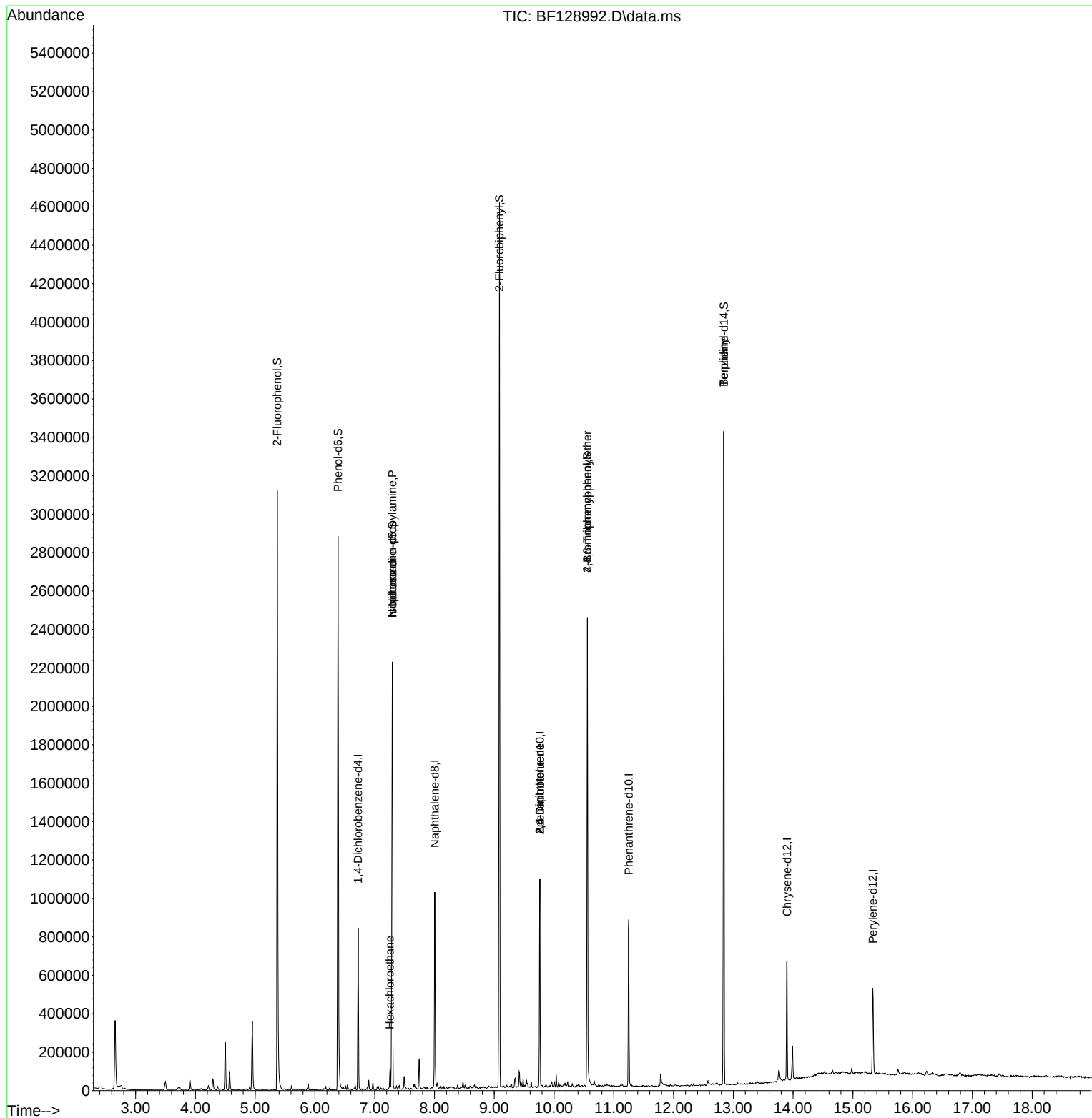
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	102951	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	394703	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	204585	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	326525	20.000	ng	# 0.00
76) Chrysene-d12	13.898	240	221913	20.000	ng	# 0.00
86) Perylene-d12	15.333	264	191564	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	775511	119.985	ng	0.01
7) Phenol-d6	6.387	99	873619	110.729	ng	0.00
23) Nitrobenzene-d5	7.293	82	775884	91.522	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	284797	117.817	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1353107	92.648	ng	0.00
79) Terphenyl-d14	12.839	244	1156238	90.536	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.251	117	9266	3.225	ng	# 7
19) n-Nitroso-di-n-propyla...	7.293	70	110773	22.582	ng	# 77
25) Isophorone	7.293	82	772864	60.026	ng	# 65
51) 2,6-Dinitrotoluene	9.763	165	27342	9.893	ng	# 27
57) 2,4-Dinitrotoluene	9.763	165	27342	7.413	ng	# 22
67) 4-Bromophenyl-phenylether	10.557	248	18573	5.101	ng	# 1
77) Benzidine	12.839	184	16662	3.767	ng	# 93

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 00:50:48 2022
Response via : Initial Calibration

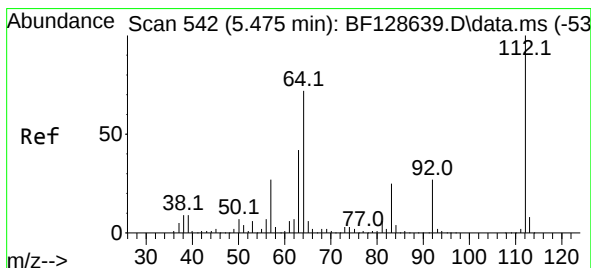
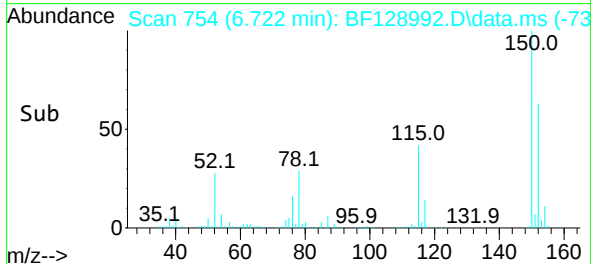
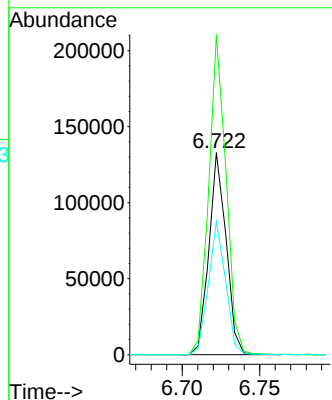
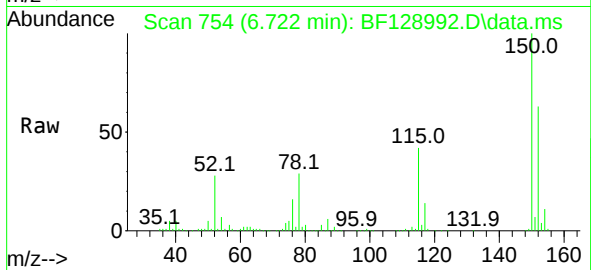




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128992.D
Acq: 24 Jun 2022 16:29

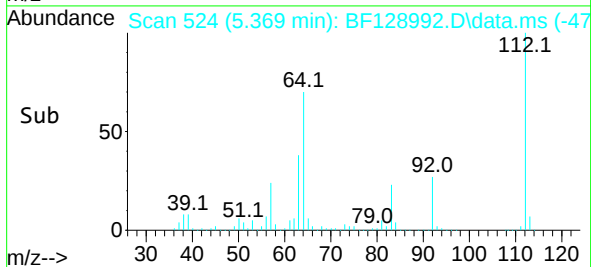
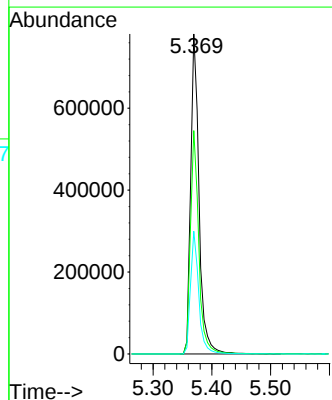
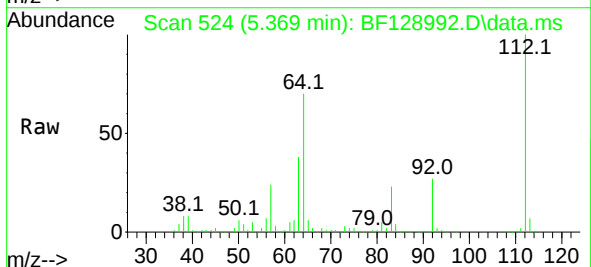
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

Tgt Ion:152 Resp: 102951
Ion Ratio Lower Upper
152 100
150 158.4 123.7 185.5
115 65.9 49.9 74.9



#5
2-Fluorophenol
Concen: 119.985 ng
RT: 5.369 min Scan# 524
Delta R.T. 0.012 min
Lab File: BF128992.D
Acq: 24 Jun 2022 16:29

Tgt Ion:112 Resp: 775511
Ion Ratio Lower Upper
112 100
64 69.8 53.3 79.9
63 38.4 28.0 42.0

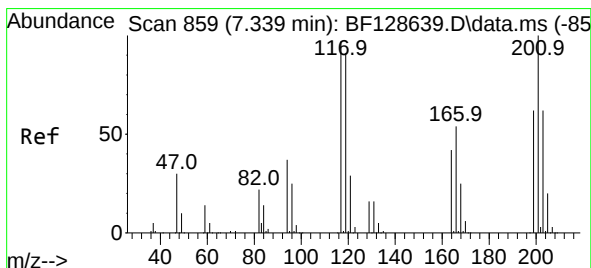
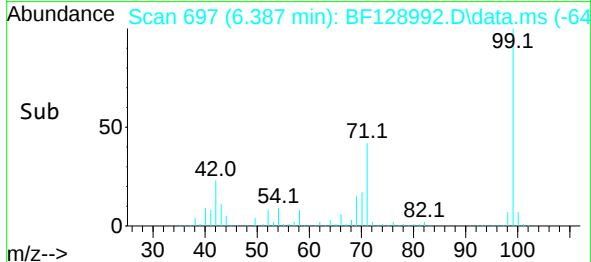
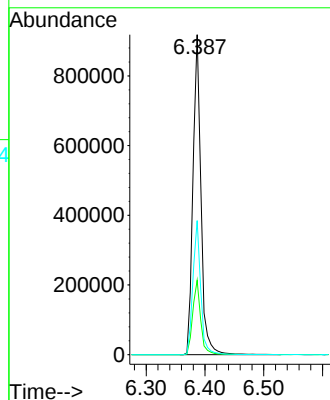
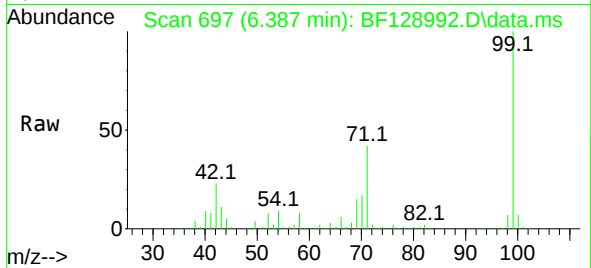




#7
Phenol-d6
Concen: 110.729 ng
RT: 6.387 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF128992.D
Acq: 24 Jun 2022 16:29

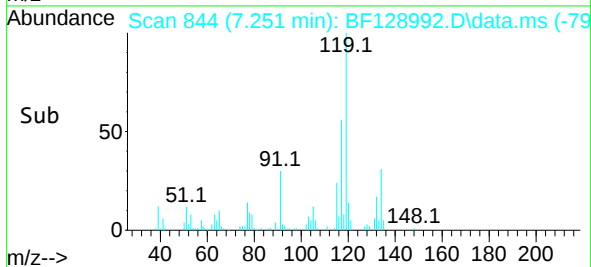
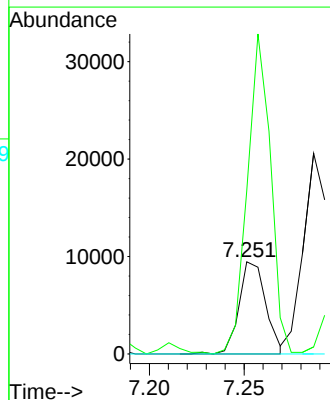
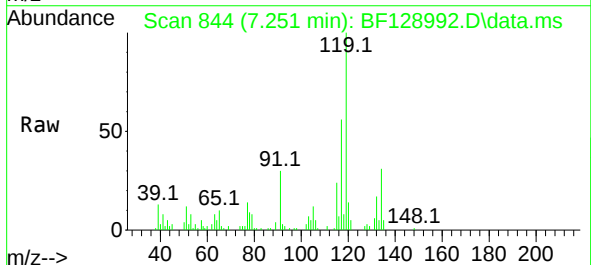
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

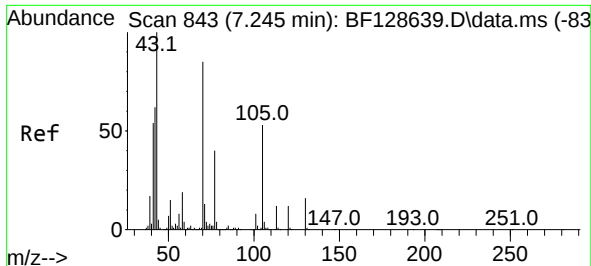
Tgt Ion: 99 Resp: 873619
Ion Ratio Lower Upper
99 100
42 23.3 17.3 25.9
71 41.9 28.9 43.3



#18
Hexachloroethane
Concen: 3.225 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.018 min
Lab File: BF128992.D
Acq: 24 Jun 2022 16:29

Tgt Ion: 117 Resp: 9266
Ion Ratio Lower Upper
117 100
119 177.1 77.4 116.2#
201 0.0 84.6 127.0#

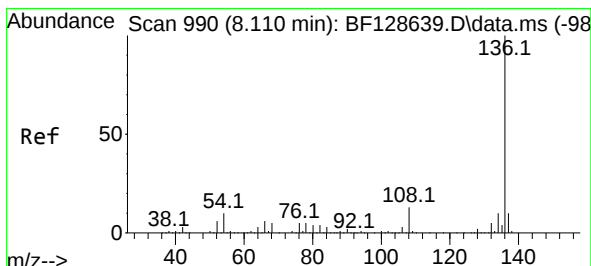
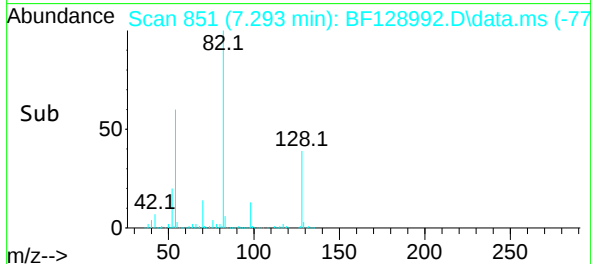
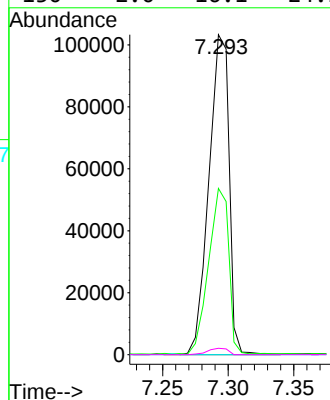
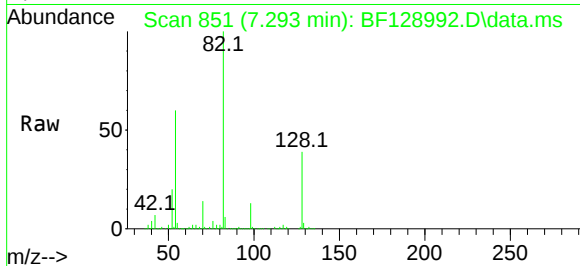




#19
n-Nitroso-di-n-propylamine
Concen: 22.582 ng
RT: 7.293 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF128992.D
Acq: 24 Jun 2022 16:29

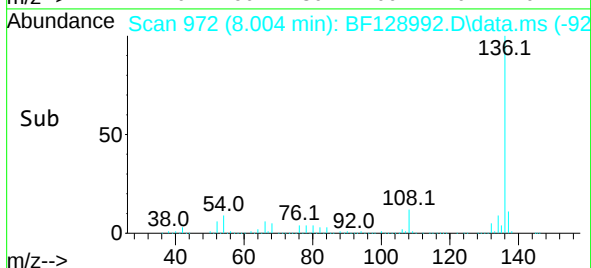
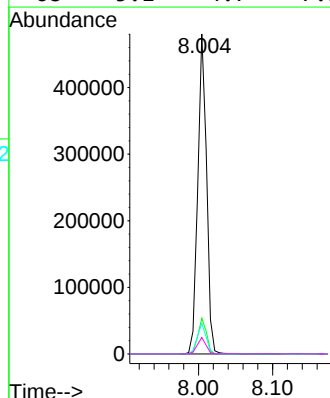
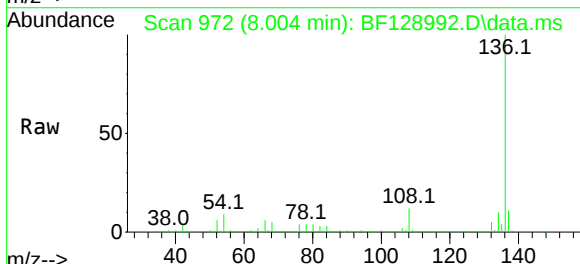
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

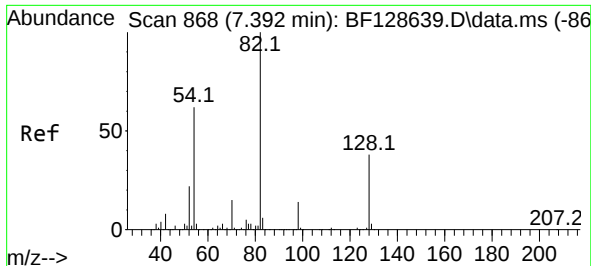
Tgt Ion: 70 Resp: 110773
Ion Ratio Lower Upper
70 100
42 51.9 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF128992.D
Acq: 24 Jun 2022 16:29

Tgt Ion:136 Resp: 394703
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.5 7.5 11.3
68 5.1 4.7 7.1





#23

Nitrobenzene-d5

Concen: 91.522 ng

RT: 7.293 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128992.D

Acq: 24 Jun 2022 16:29

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-2

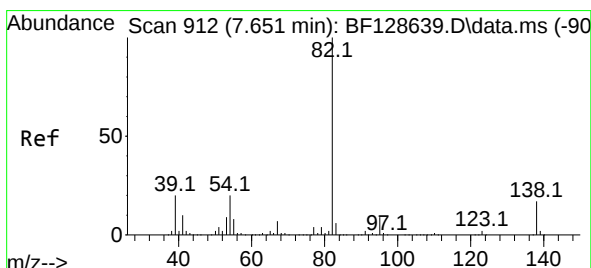
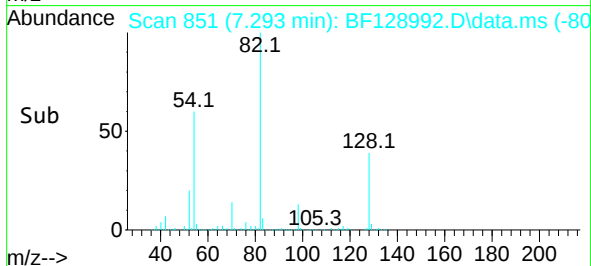
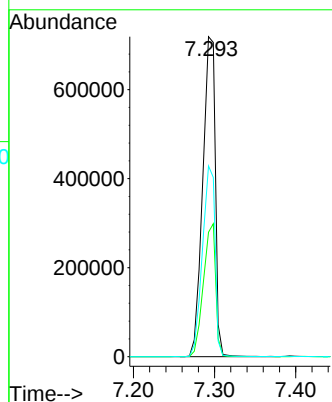
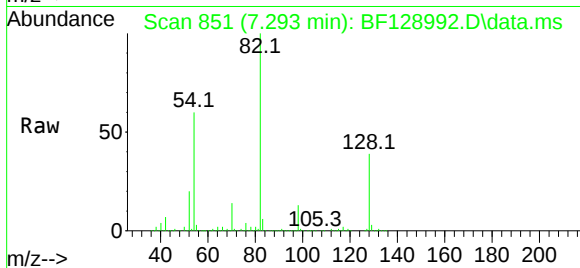
Tgt Ion: 82 Resp: 775884

Ion Ratio Lower Upper

82 100

128 38.9 34.0 51.0

54 59.6 46.9 70.3



#25

Isophorone

Concen: 60.026 ng

RT: 7.293 min Scan# 851

Delta R.T. -0.270 min

Lab File: BF128992.D

Acq: 24 Jun 2022 16:29

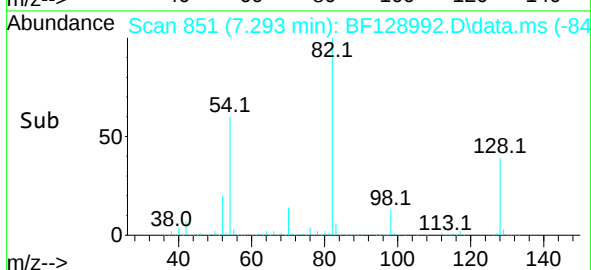
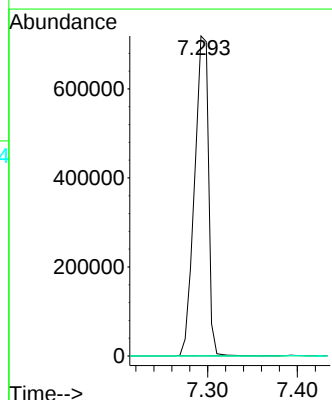
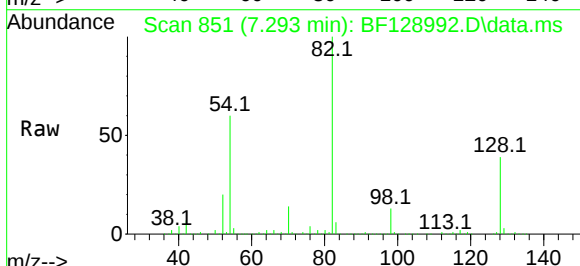
Tgt Ion: 82 Resp: 772864

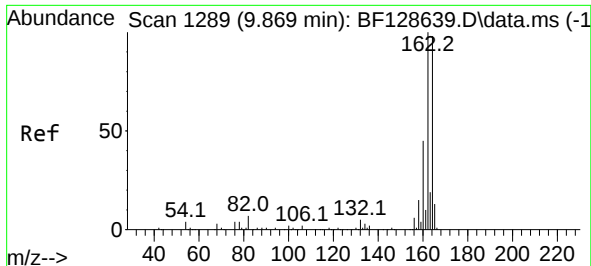
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.2#

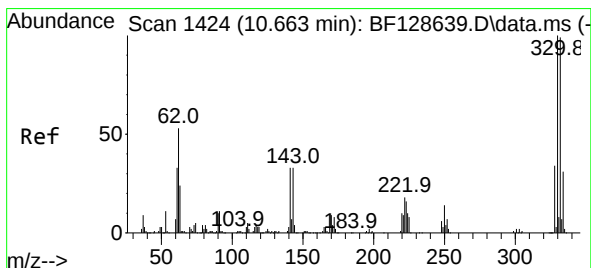
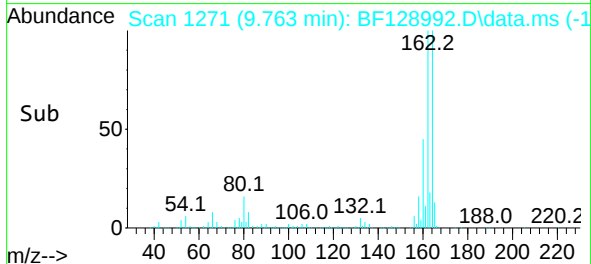
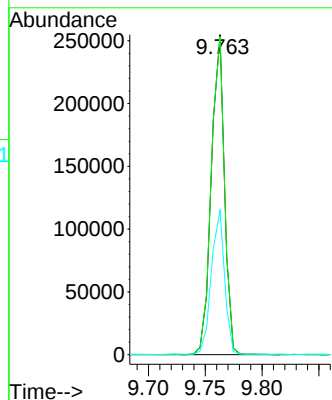
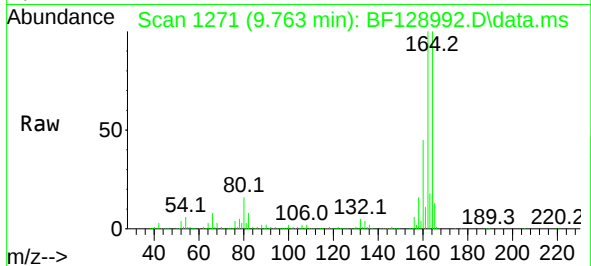




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128992.D
Acq: 24 Jun 2022 16:29

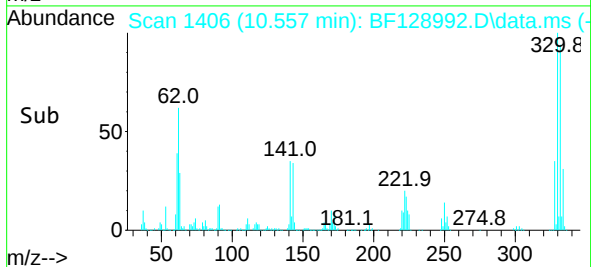
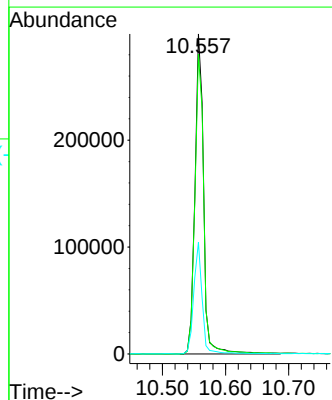
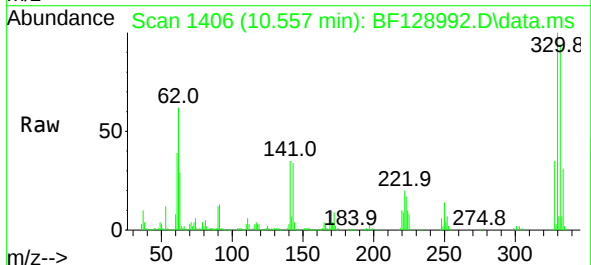
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

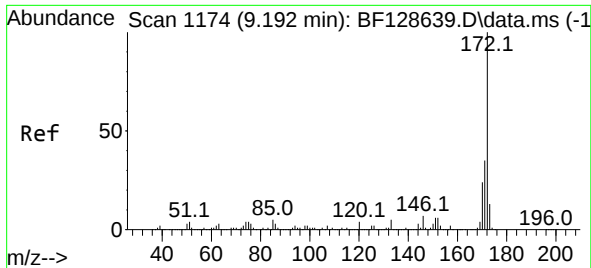
Tgt Ion:164 Resp: 204585
Ion Ratio Lower Upper
164 100
162 99.5 79.5 119.3
160 45.1 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 117.817 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF128992.D
Acq: 24 Jun 2022 16:29

Tgt Ion:330 Resp: 284797
Ion Ratio Lower Upper
330 100
332 95.3 76.8 115.2
141 34.5 28.0 42.0

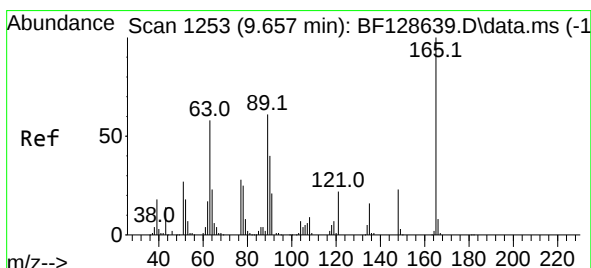
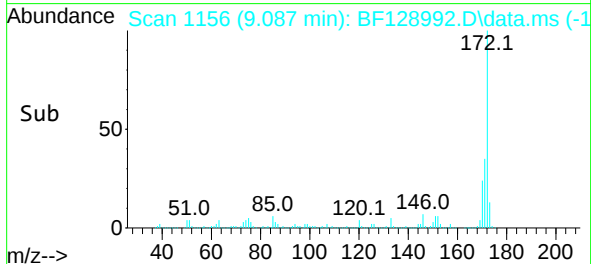
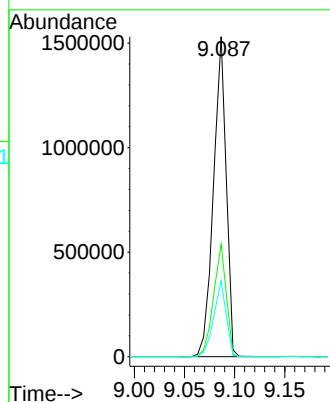
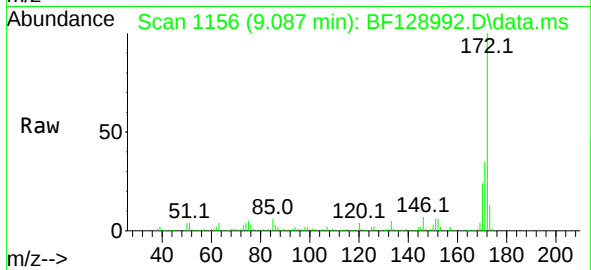




#45
2-Fluorobiphenyl
Concen: 92.648 ng
RT: 9.087 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF128992.D
Acq: 24 Jun 2022 16:29

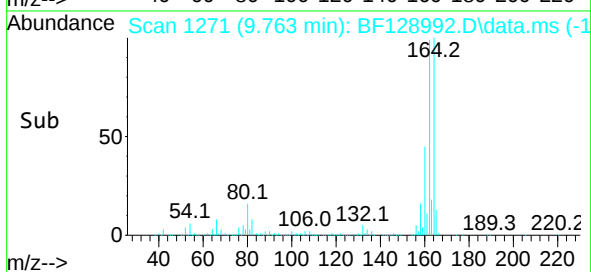
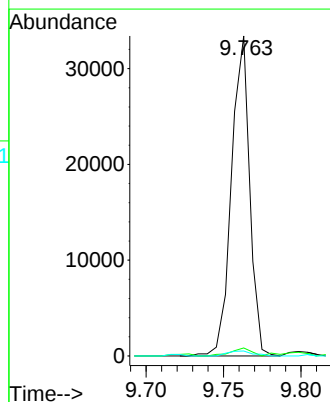
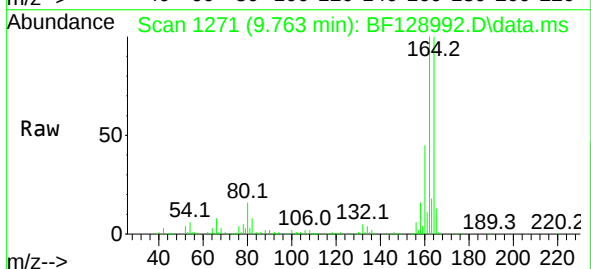
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

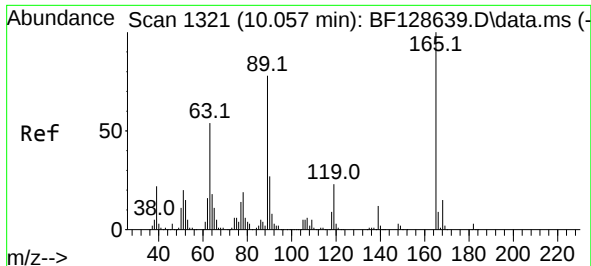
Tgt Ion:172 Resp: 1353107
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.7 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 9.893 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.200 min
Lab File: BF128992.D
Acq: 24 Jun 2022 16:29

Tgt Ion:165 Resp: 27342
Ion Ratio Lower Upper
165 100
63 2.5 44.9 67.3#
89 1.6 43.6 65.4#

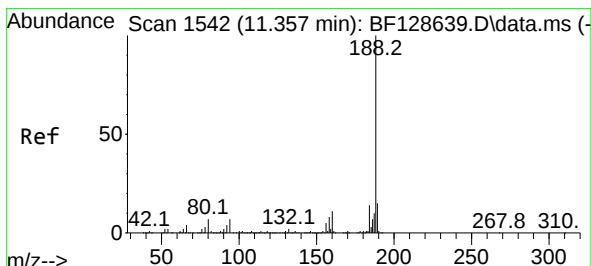
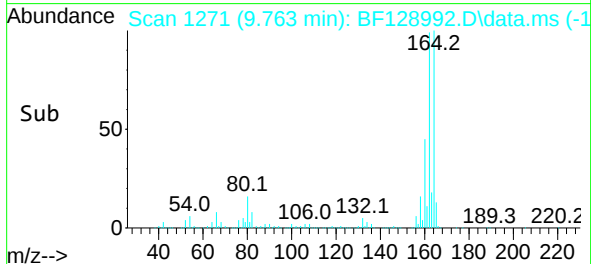
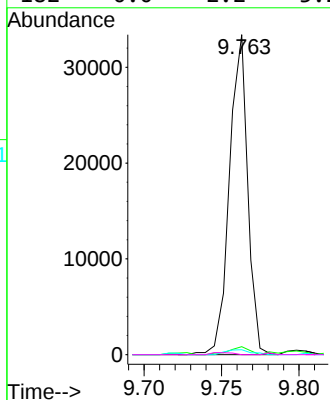
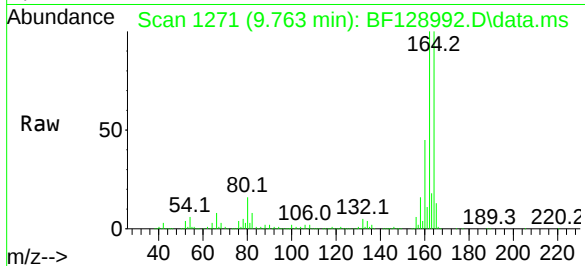




#57
2,4-Dinitrotoluene
Concen: 7.413 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128992.D
Acq: 24 Jun 2022 16:29

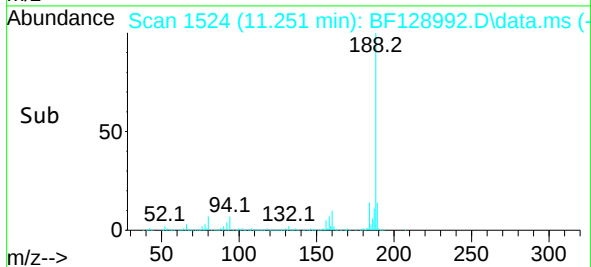
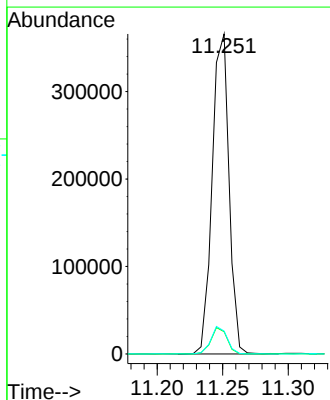
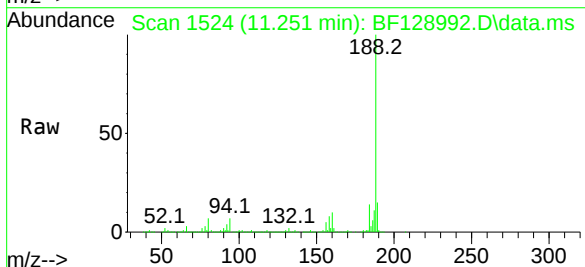
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

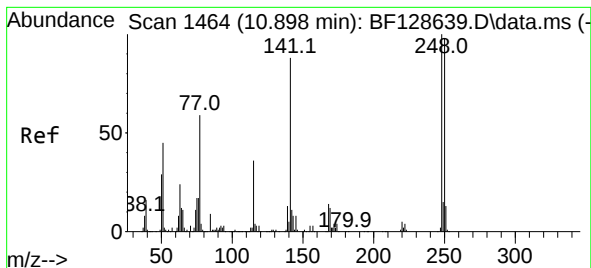
Tgt Ion:165 Resp: 27342
Ion Ratio Lower Upper
165 100
63 2.5 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1524
Delta R.T. 0.000 min
Lab File: BF128992.D
Acq: 24 Jun 2022 16:29

Tgt Ion:188 Resp: 326525
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6#
80 7.2 7.6 11.4#

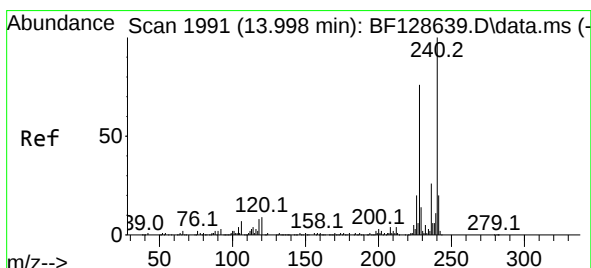
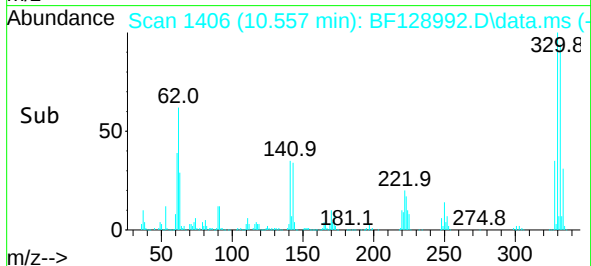
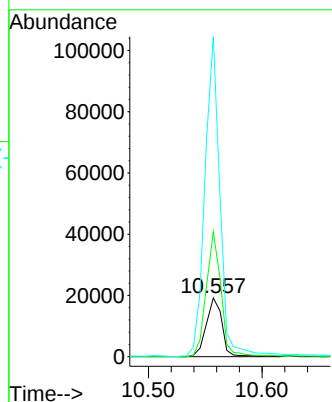
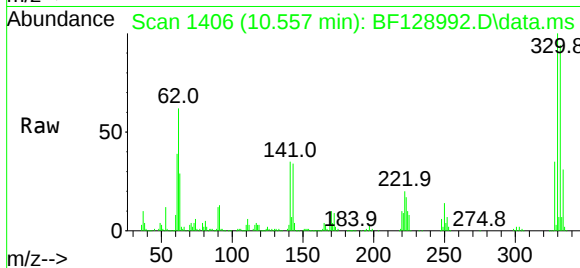




#67
4-Bromophenyl-phenylether
Concen: 5.101 ng
RT: 10.557 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF128992.D
Acq: 24 Jun 2022 16:29

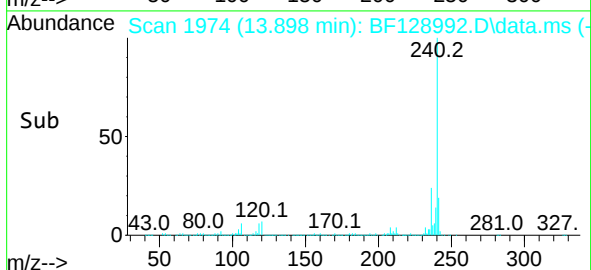
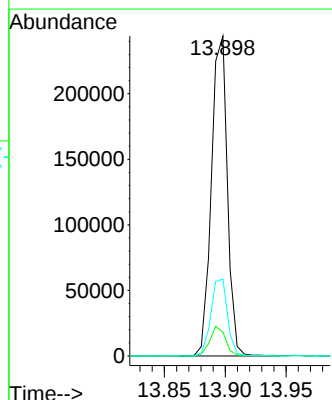
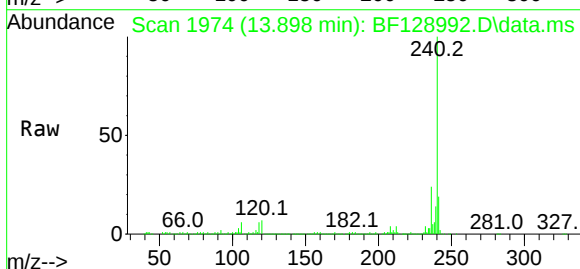
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

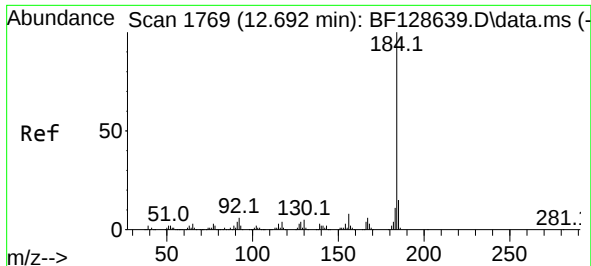
Tgt Ion:248 Resp: 18573
Ion Ratio Lower Upper
248 100
250 212.3 80.6 120.8#
141 544.8 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BF128992.D
Acq: 24 Jun 2022 16:29

Tgt Ion:240 Resp: 221913
Ion Ratio Lower Upper
240 100
120 7.4 8.9 13.3#
236 24.0 20.8 31.2

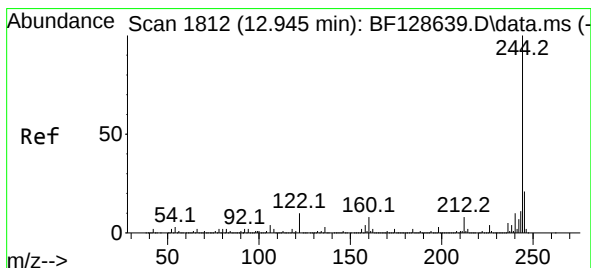
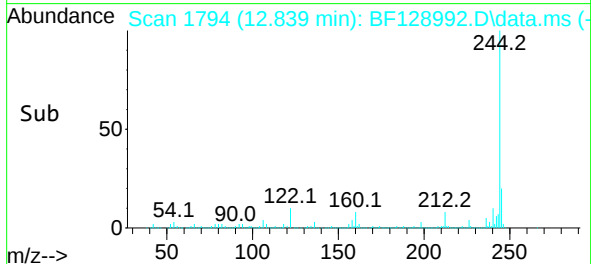
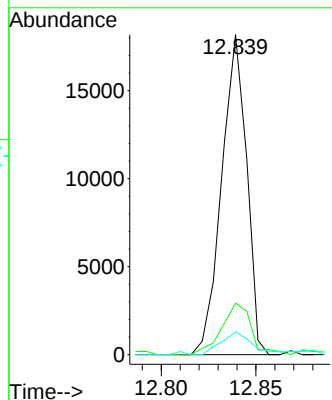
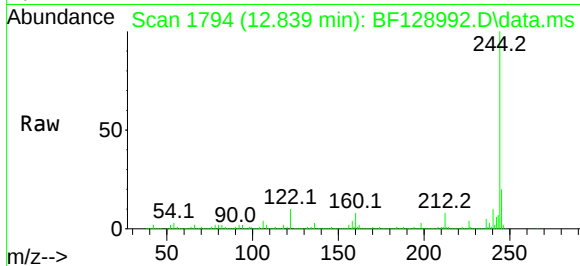




#77
Benzidine
Concen: 3.767 ng
RT: 12.839 min Scan# 1794
Delta R.T. 0.247 min
Lab File: BF128992.D
Acq: 24 Jun 2022 16:29

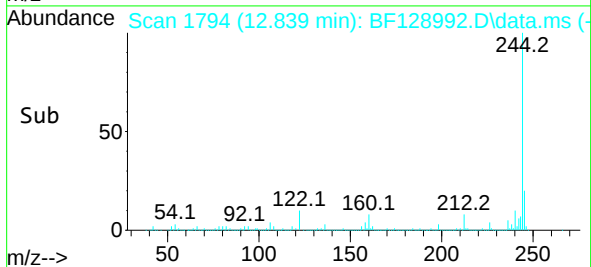
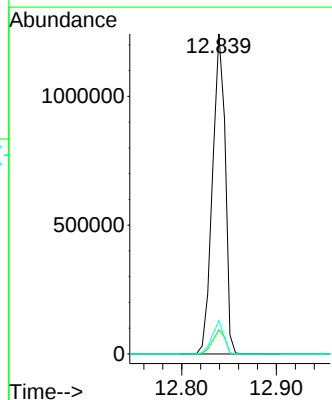
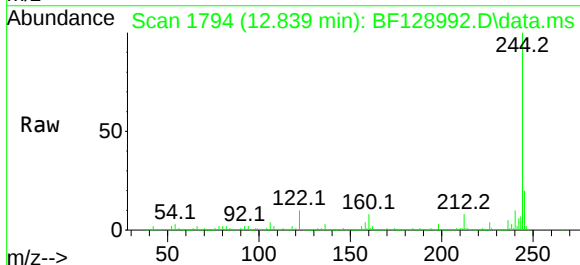
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-2

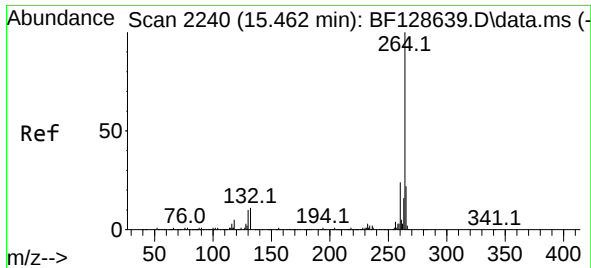
Tgt Ion:184 Resp: 16662
Ion Ratio Lower Upper
184 100
185 16.1 11.9 17.9
183 7.1 9.3 13.9#



#79
Terphenyl-d14
Concen: 90.536 ng
RT: 12.839 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF128992.D
Acq: 24 Jun 2022 16:29

Tgt Ion:244 Resp: 1156238
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 10.4 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: BF128992.D
 Acq: 24 Jun 2022 16:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-2

Tgt Ion:264 Resp: 191564
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 21.7 17.2 25.8

