

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF128991.D
 Acq On : 24 Jun 2022 16:00
 Operator : CG\JU
 Sample : N3431-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-3

Quant Time: Jun 25 06:14:11 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)

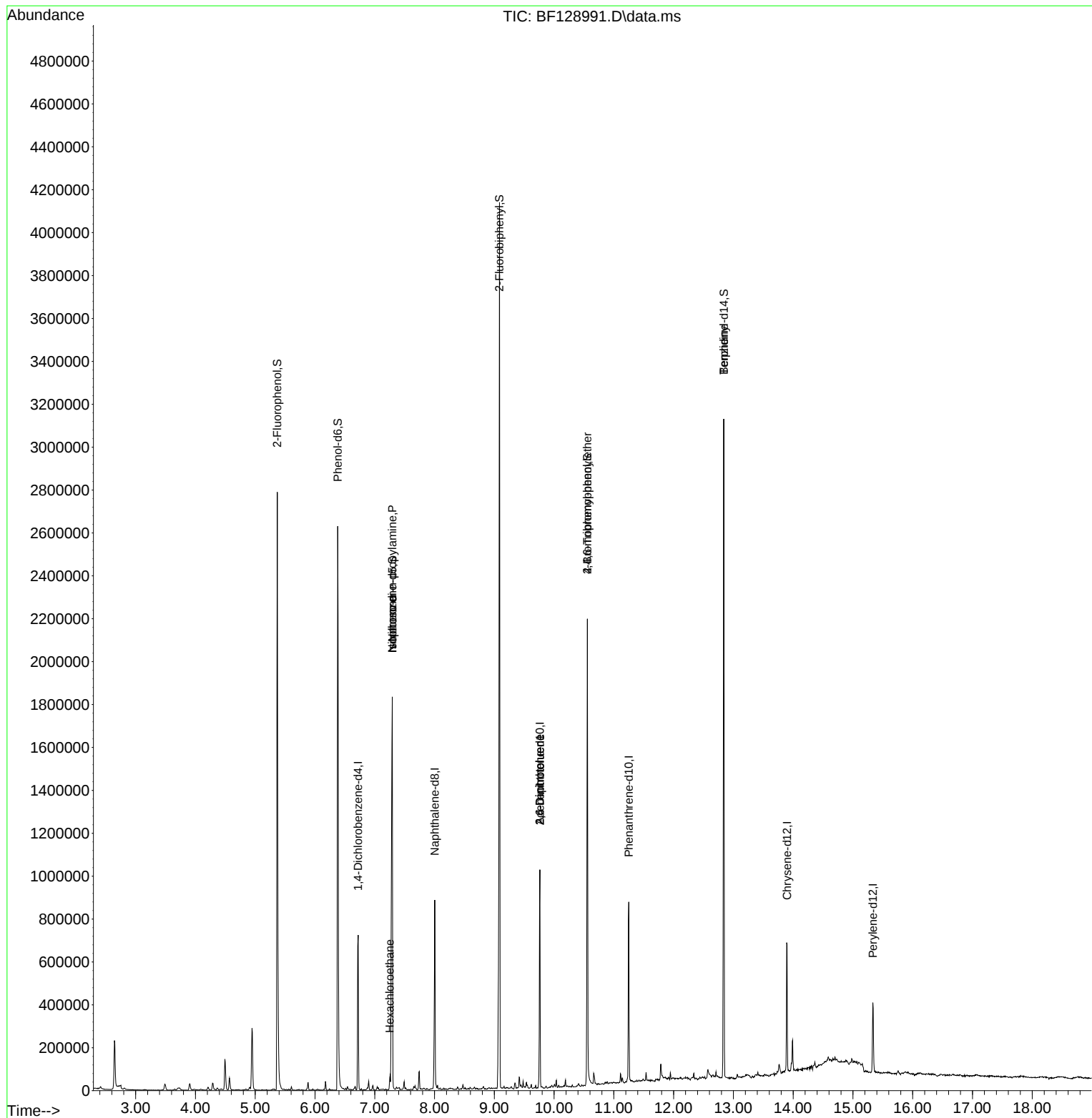
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	105704	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	395631	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	205097	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	309334	20.000	ng	0.00
76) Chrysene-d12	13.898	240	216586	20.000	ng	# 0.00
86) Perylene-d12	15.333	264	141724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	727362	109.605	ng	0.01
7) Phenol-d6	6.381	99	863678	106.618	ng	0.00
23) Nitrobenzene-d5	7.292	82	718122	84.510	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	250118	103.213	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1283425	87.657	ng	0.00
79) Terphenyl-d14	12.839	244	982821	78.850	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.251	117	6385	2.165	ng	# 1
19) n-Nitroso-di-n-propyla...	7.292	70	100505	19.955	ng	# 78
25) Isophorone	7.292	82	697587	54.052	ng	# 65
51) 2,6-Dinitrotoluene	9.763	165	26955	9.728	ng	# 26
57) 2,4-Dinitrotoluene	9.763	165	26955	7.290	ng	# 22
67) 4-Bromophenyl-phenylether	10.557	248	16402	4.755	ng	# 1
77) Benzidine	12.839	184	15230	3.527	ng	# 89

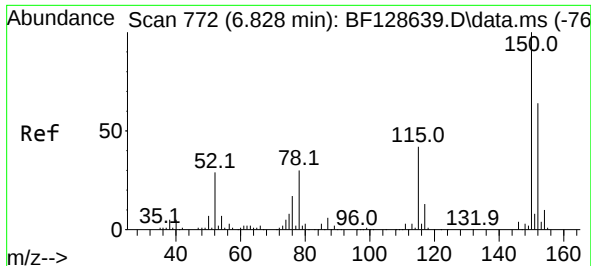
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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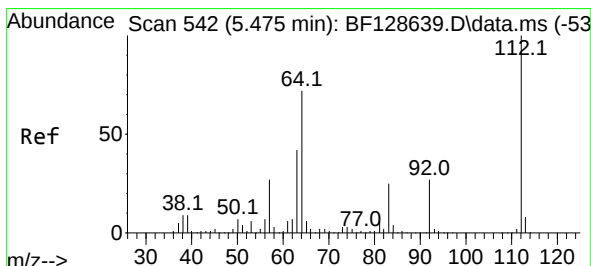
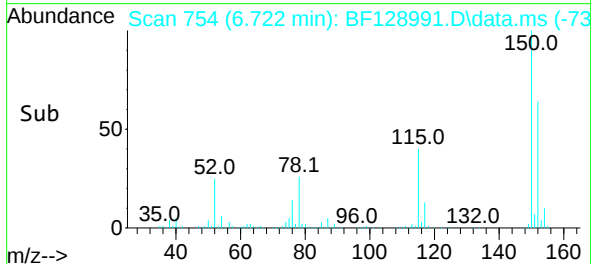
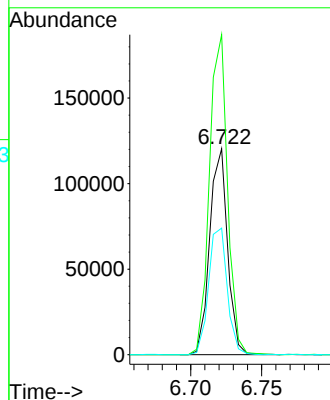
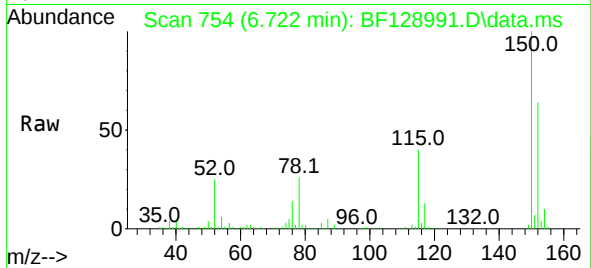




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128991.D
Acq: 24 Jun 2022 16:00

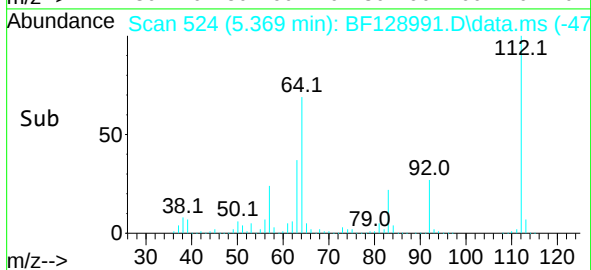
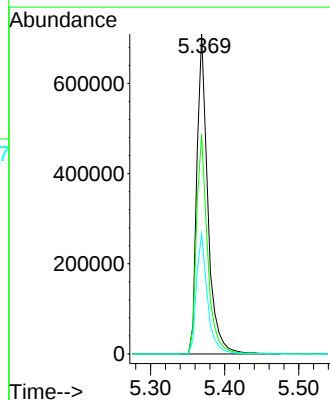
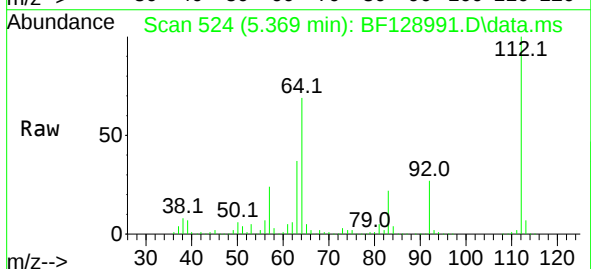
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-3

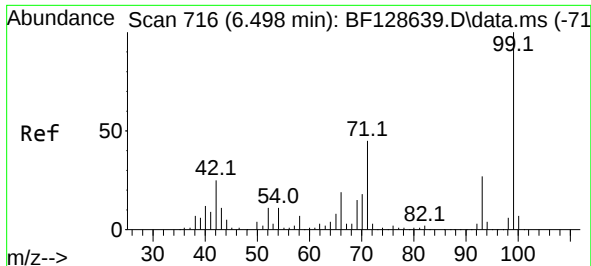
Tgt Ion:152 Resp: 105704
Ion Ratio Lower Upper
152 100
150 155.4 123.7 185.5
115 61.5 49.9 74.9



#5
2-Fluorophenol
Concen: 109.605 ng
RT: 5.369 min Scan# 524
Delta R.T. 0.012 min
Lab File: BF128991.D
Acq: 24 Jun 2022 16:00

Tgt Ion:112 Resp: 727362
Ion Ratio Lower Upper
112 100
64 68.7 53.3 79.9
63 37.5 28.0 42.0

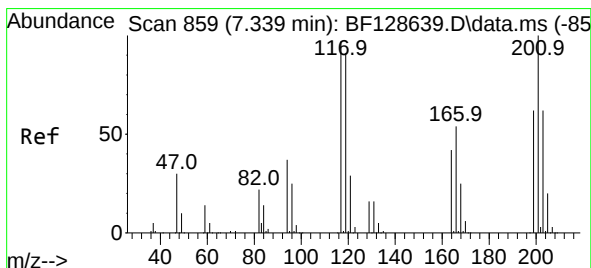
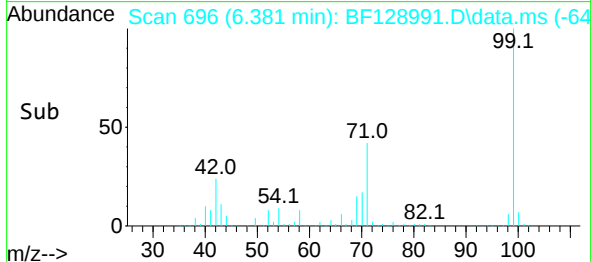
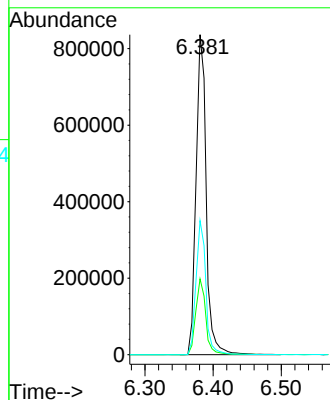
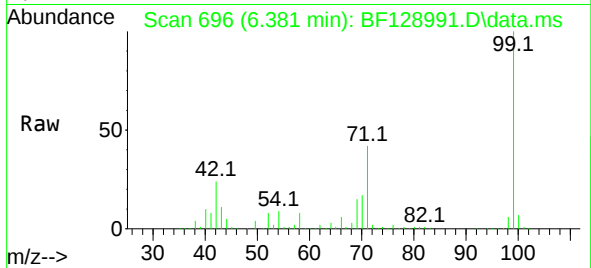




#7
Phenol-d6
Concen: 106.618 ng
RT: 6.381 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF128991.D
Acq: 24 Jun 2022 16:00

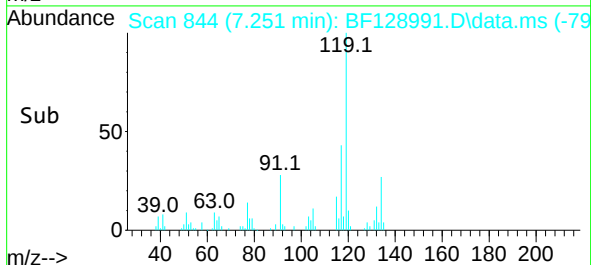
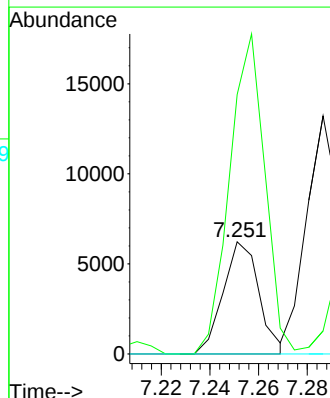
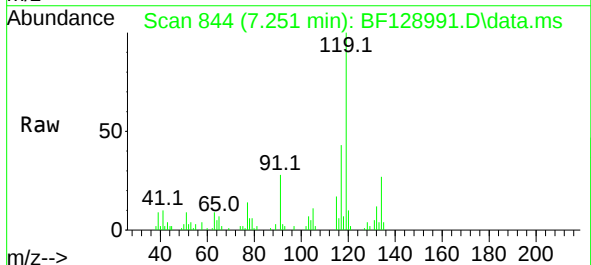
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-3

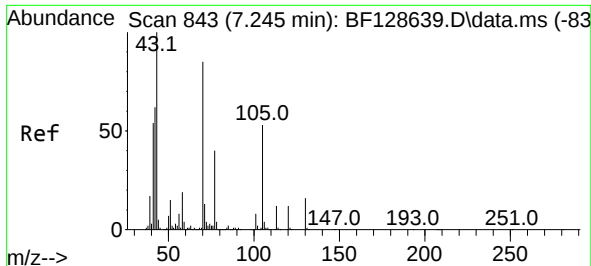
Tgt Ion: 99 Resp: 863678
Ion Ratio Lower Upper
99 100
42 23.7 17.3 25.9
71 41.9 28.9 43.3



#18
Hexachloroethane
Concen: 2.165 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.018 min
Lab File: BF128991.D
Acq: 24 Jun 2022 16:00

Tgt Ion: 117 Resp: 6385
Ion Ratio Lower Upper
117 100
119 231.3 77.4 116.2#
201 0.0 84.6 127.0#

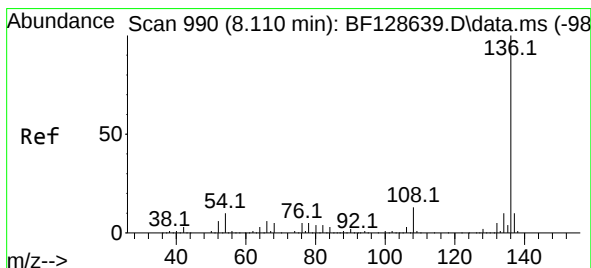
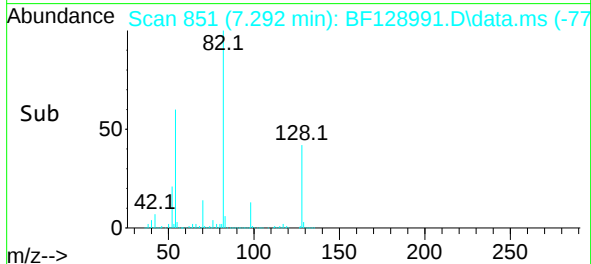
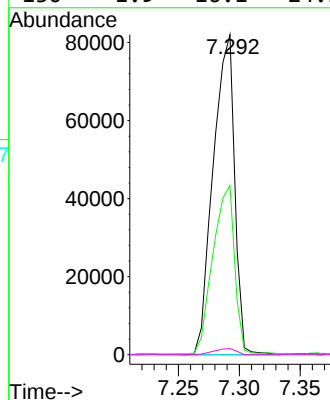
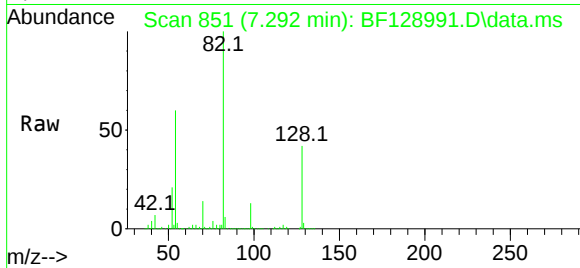




#19
n-Nitroso-di-n-propylamine
Concen: 19.955 ng
RT: 7.292 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF128991.D
Acq: 24 Jun 2022 16:00

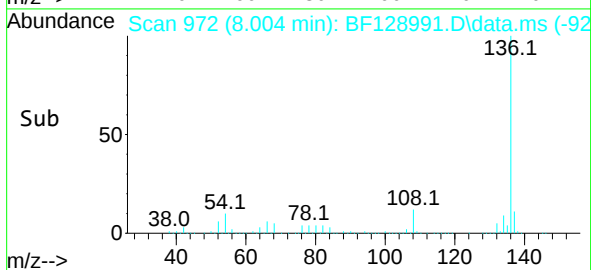
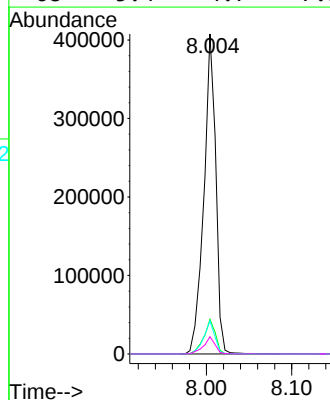
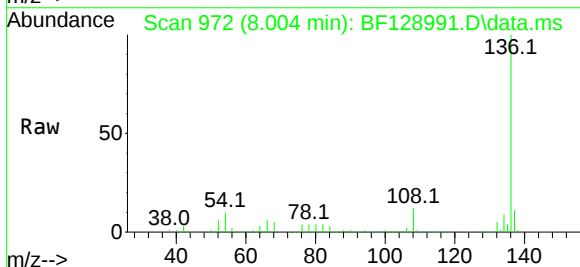
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-3

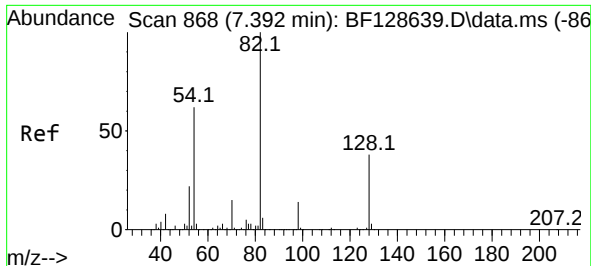
Tgt Ion: 70 Resp: 100505
Ion Ratio Lower Upper
70 100
42 52.9 52.3 78.5
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF128991.D
Acq: 24 Jun 2022 16:00

Tgt Ion:136 Resp: 395631
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.3 7.5 11.3
68 5.4 4.7 7.1

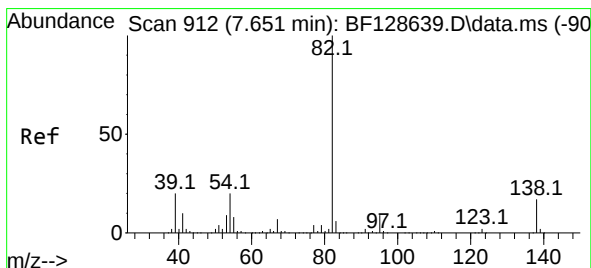
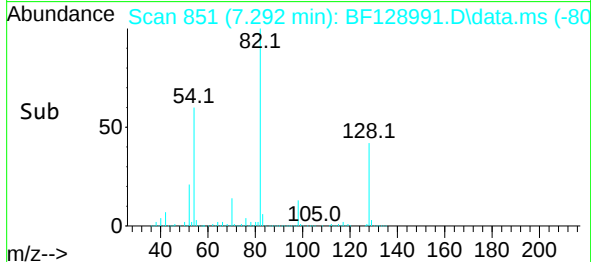
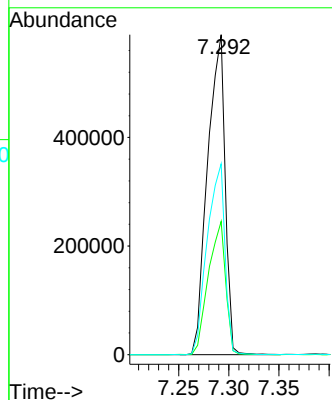
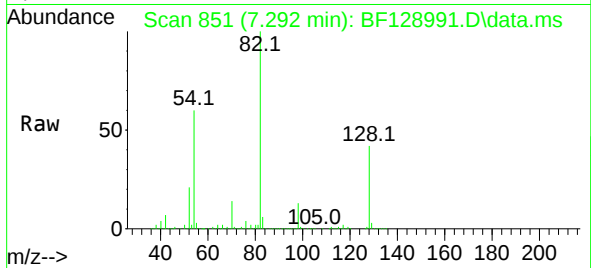




#23
Nitrobenzene-d5
Concen: 84.510 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF128991.D
Acq: 24 Jun 2022 16:00

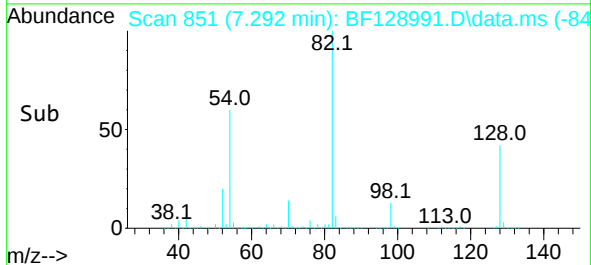
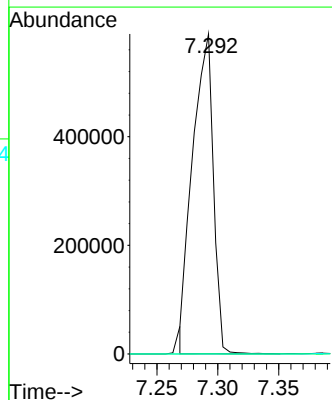
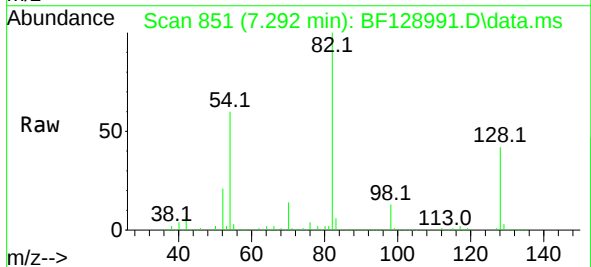
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-3

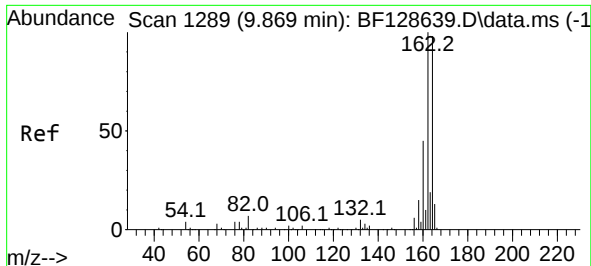
Tgt Ion: 82 Resp: 718122
Ion Ratio Lower Upper
82 100
128 41.7 34.0 51.0
54 59.7 46.9 70.3



#25
Isophorone
Concen: 54.052 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.271 min
Lab File: BF128991.D
Acq: 24 Jun 2022 16:00

Tgt Ion: 82 Resp: 697587
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#

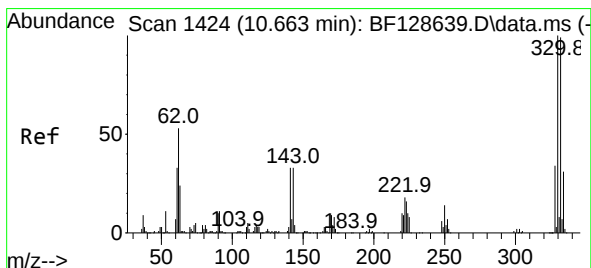
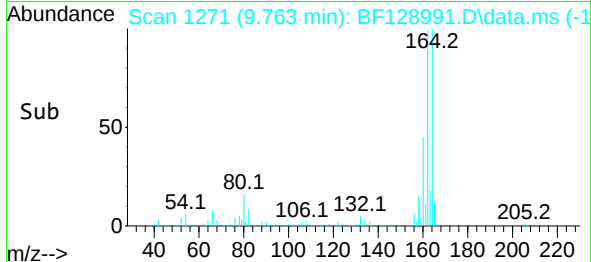
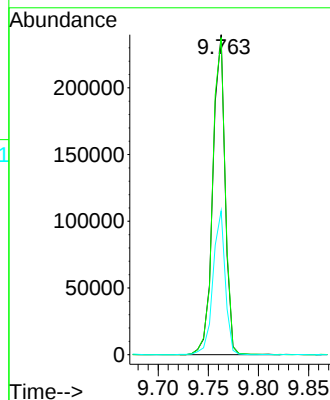
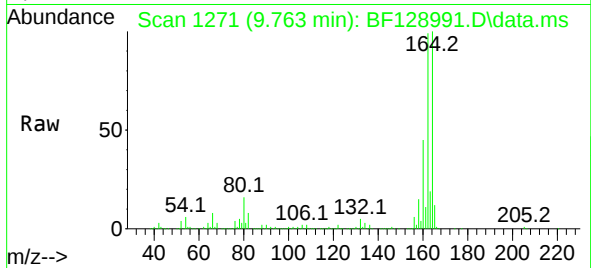




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128991.D
Acq: 24 Jun 2022 16:00

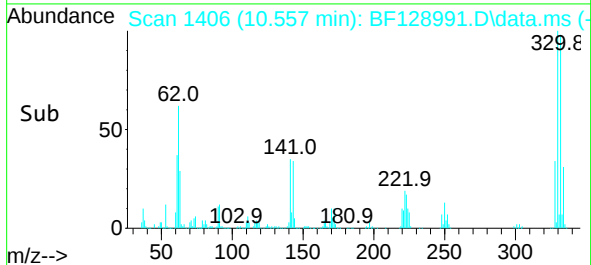
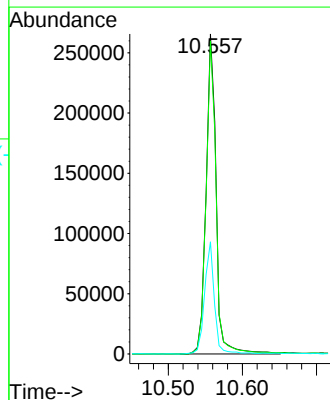
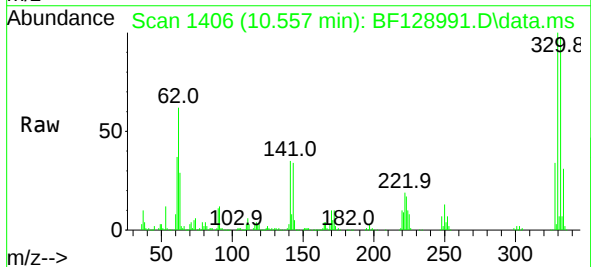
Instrument :
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ClientSampleId :
WC-14B-2-3

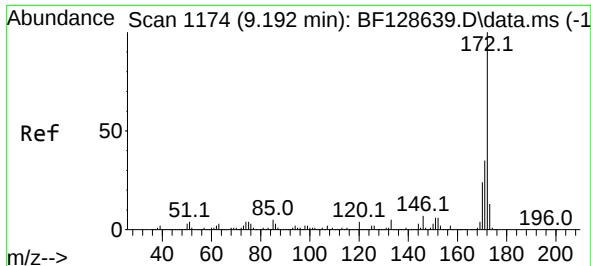
Tgt Ion:164 Resp: 205097
Ion Ratio Lower Upper
164 100
162 99.1 79.5 119.3
160 45.0 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 103.213 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF128991.D
Acq: 24 Jun 2022 16:00

Tgt Ion:330 Resp: 250118
Ion Ratio Lower Upper
330 100
332 97.9 76.8 115.2
141 34.4 28.0 42.0

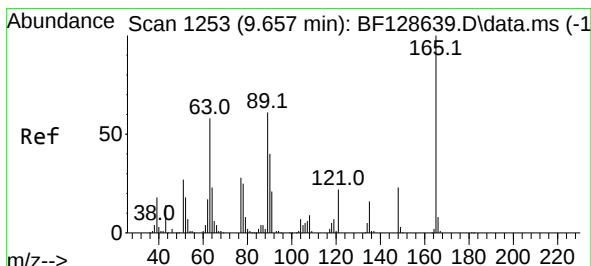
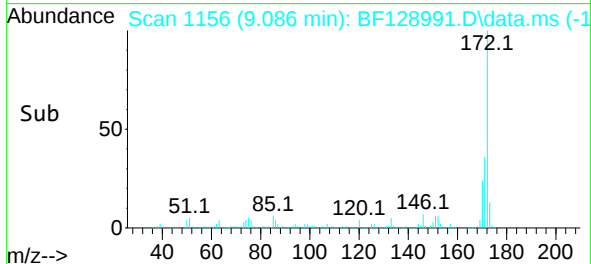
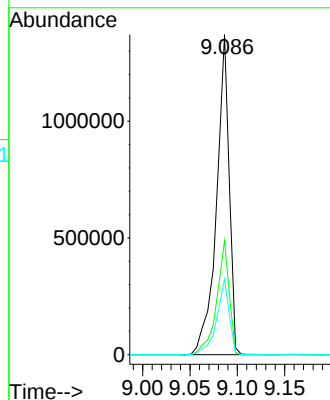
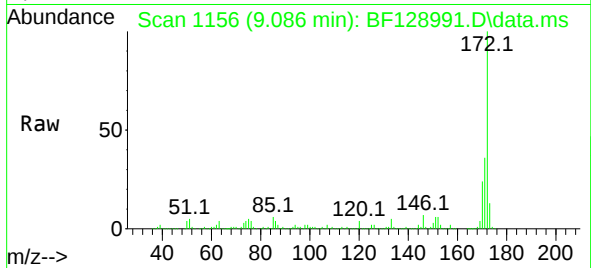




#45
2-Fluorobiphenyl
Concen: 87.657 ng
RT: 9.086 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF128991.D
Acq: 24 Jun 2022 16:00

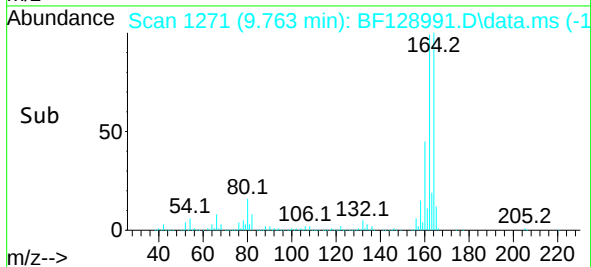
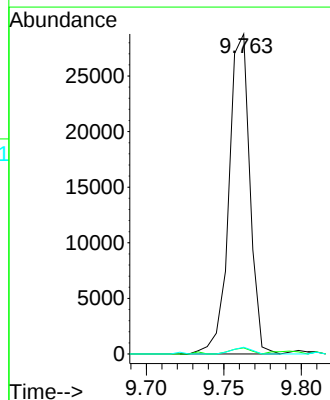
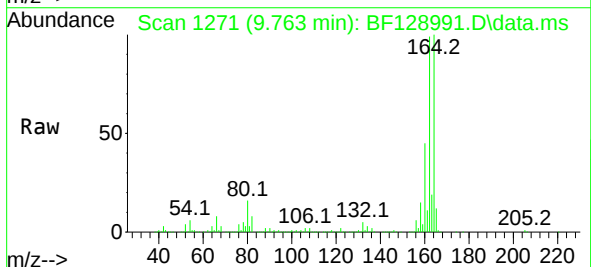
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WC-14B-2-3

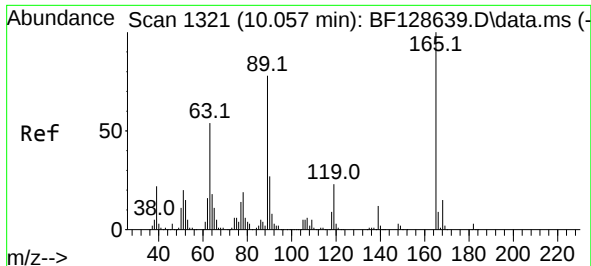
Tgt Ion:172 Resp: 1283425
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.6 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 9.728 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.200 min
Lab File: BF128991.D
Acq: 24 Jun 2022 16:00

Tgt Ion:165 Resp: 26955
Ion Ratio Lower Upper
165 100
63 1.9 44.9 67.3#
89 2.1 43.6 65.4#

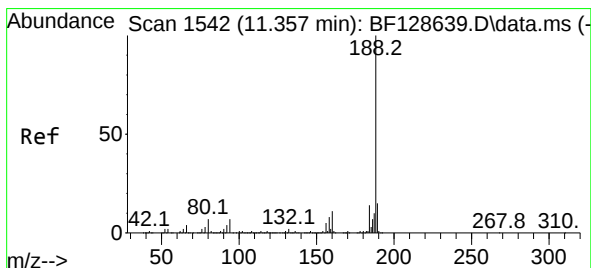
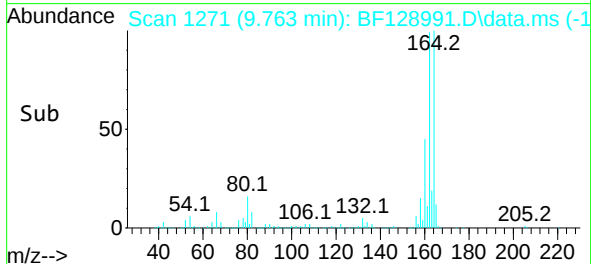
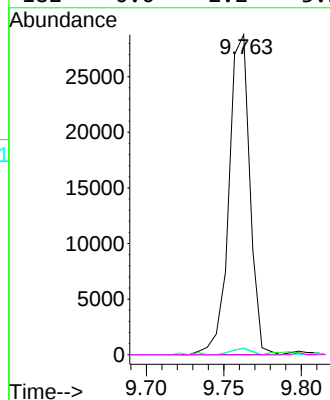
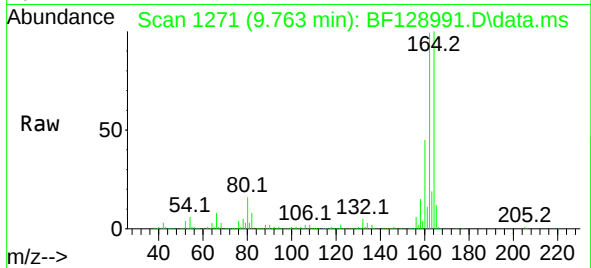




#57
2,4-Dinitrotoluene
Concen: 7.290 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128991.D
Acq: 24 Jun 2022 16:00

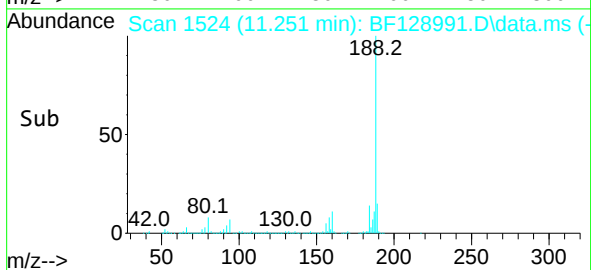
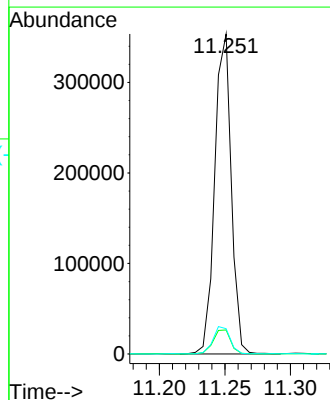
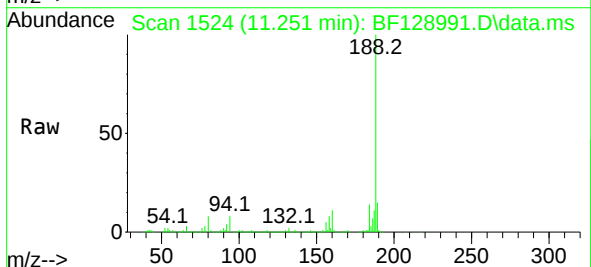
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-3

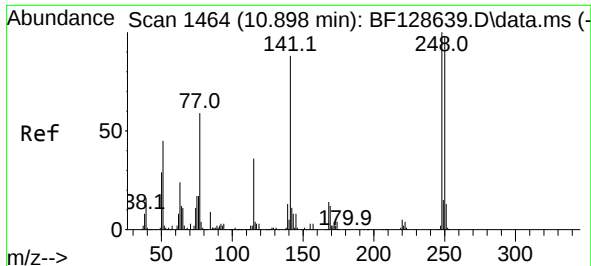
Tgt Ion:165 Resp: 26955
Ion Ratio Lower Upper
165 100
63 1.9 39.8 59.6#
89 2.1 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BF128991.D
Acq: 24 Jun 2022 16:00

Tgt Ion:188 Resp: 309334
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 7.9 7.6 11.4

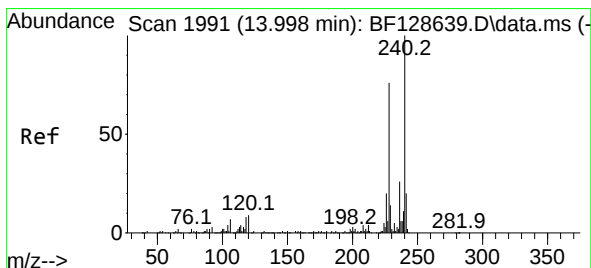
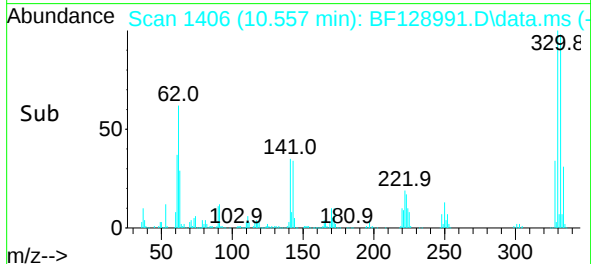
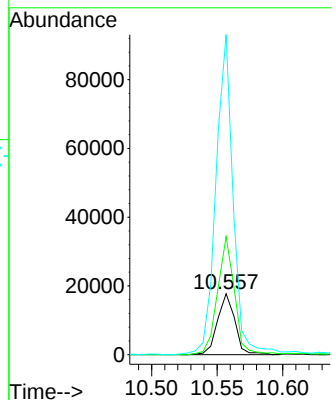
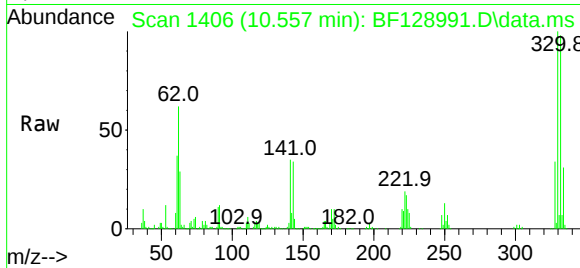




#67
4-Bromophenyl-phenylether
Concen: 4.755 ng
RT: 10.557 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF128991.D
Acq: 24 Jun 2022 16:00

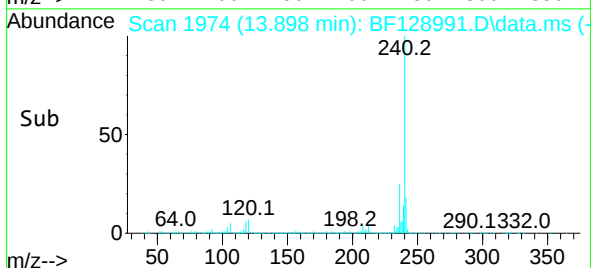
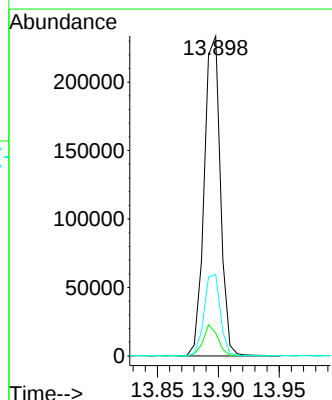
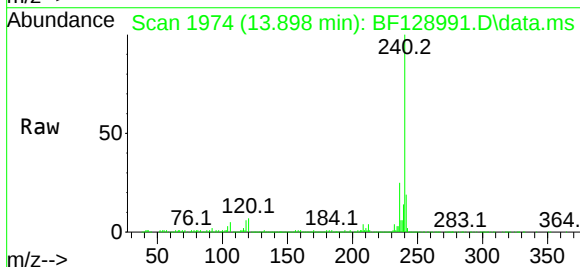
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-3

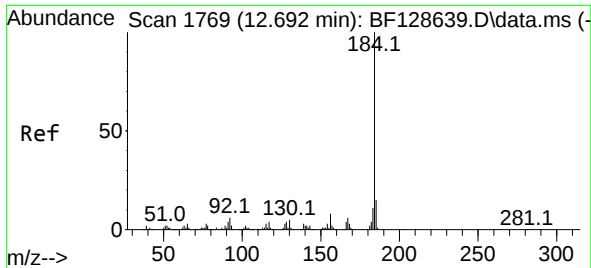
Tgt Ion:248 Resp: 16402
Ion Ratio Lower Upper
248 100
250 193.7 80.6 120.8#
141 525.1 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BF128991.D
Acq: 24 Jun 2022 16:00

Tgt Ion:240 Resp: 216586
Ion Ratio Lower Upper
240 100
120 7.2 8.9 13.3#
236 25.5 20.8 31.2

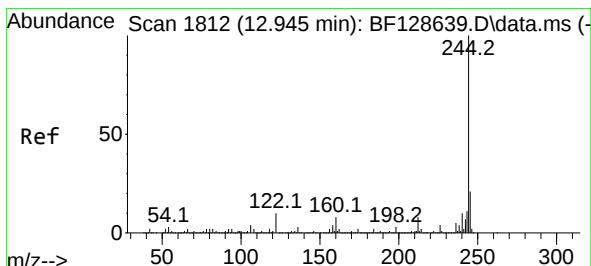
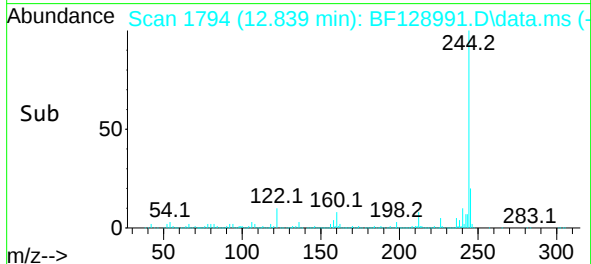
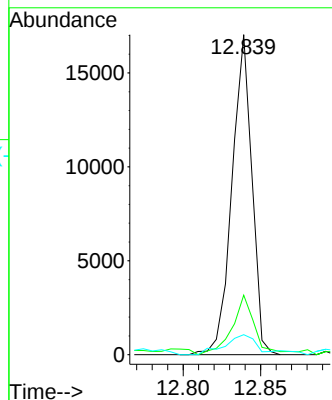
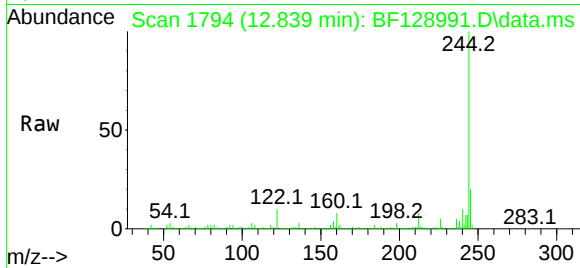




#77
Benzidine
Concen: 3.527 ng
RT: 12.839 min Scan# 1794
Delta R.T. 0.247 min
Lab File: BF128991.D
Acq: 24 Jun 2022 16:00

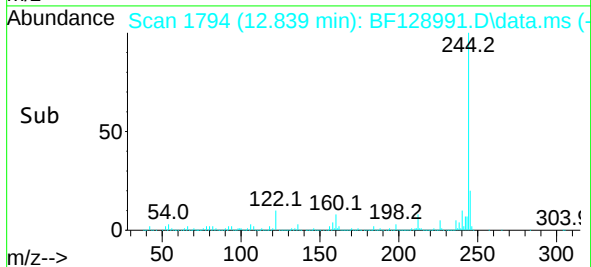
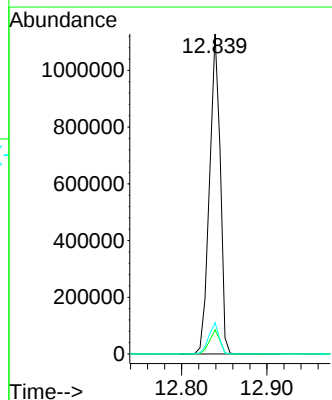
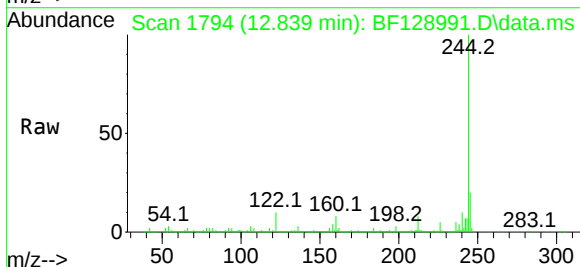
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-3

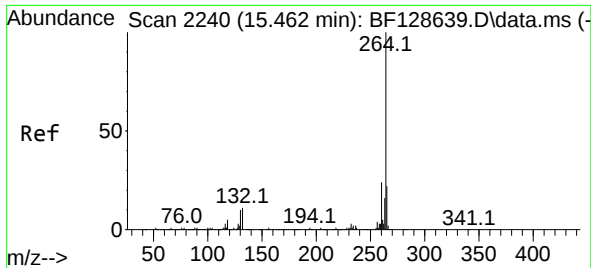
Tgt Ion:184 Resp: 15230
Ion Ratio Lower Upper
184 100
185 18.6 11.9 17.9#
183 6.3 9.3 13.9#



#79
Terphenyl-d14
Concen: 78.850 ng
RT: 12.839 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF128991.D
Acq: 24 Jun 2022 16:00

Tgt Ion:244 Resp: 982821
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 9.8 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: BF128991.D
 Acq: 24 Jun 2022 16:00

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-3

Tgt Ion:264 Resp: 141724
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.7 17.2 25.8

