

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
 Data File : BF123125.D
 Acq On : 4 Feb 2021 21:37
 Operator : JU/CG
 Sample : M1273-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WP-110

Quant Time: Feb 04 23:33:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

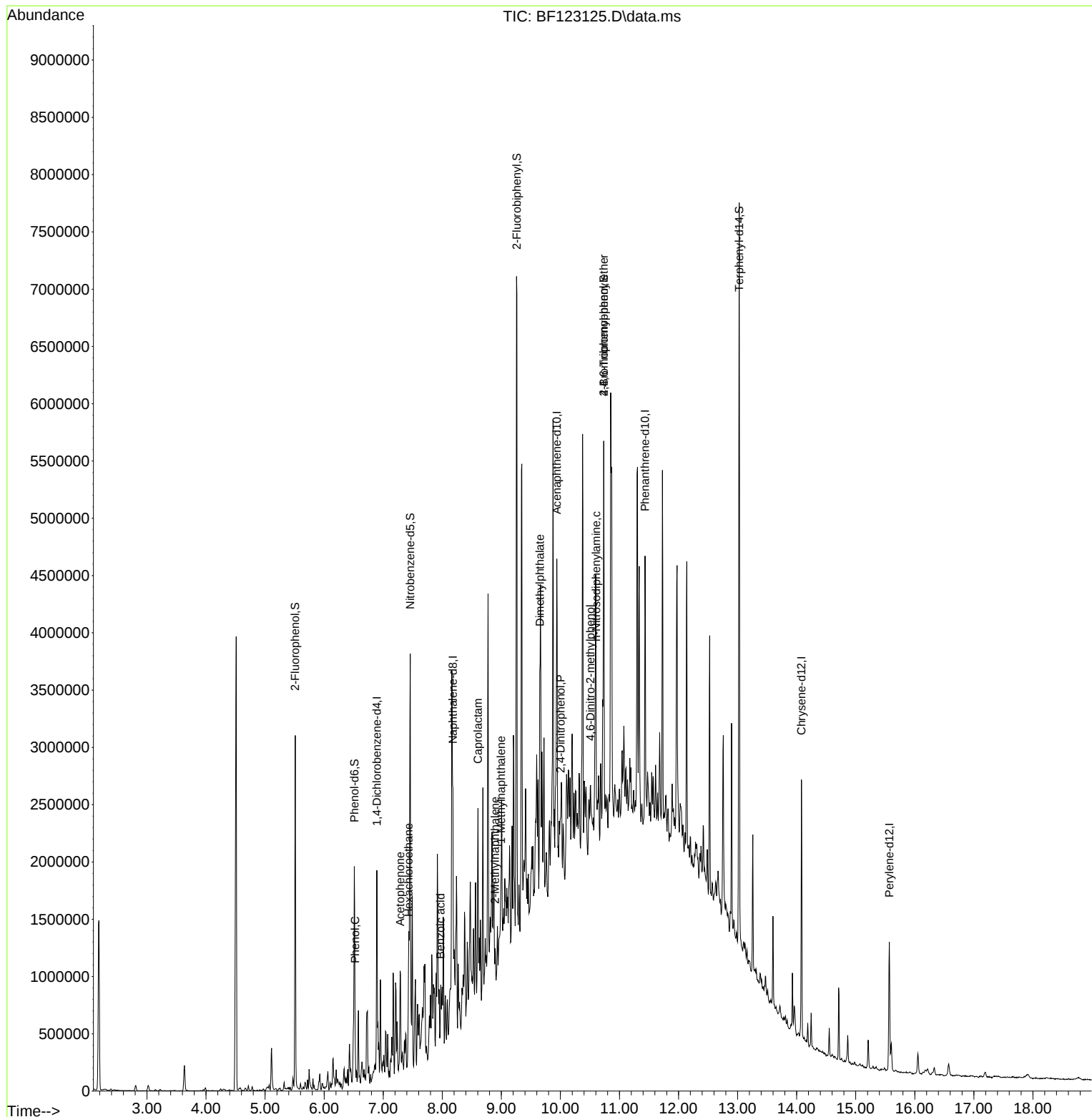
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	235043	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	859272	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	435217	20.00	ng	# 0.00
64) Phenanthrene-d10	11.433	188	813146	20.00	ng	0.00
76) Chrysene-d12	14.080	240	768393	20.00	ng	0.00
86) Perylene-d12	15.568	264	470167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	802954	52.70	ng	0.00
7) Phenol-d6	6.510	99	650798	31.51	ng	0.00
23) Nitrobenzene-d5	7.457	82	1236771	72.44	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	525564	111.24	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2202226	75.22	ng	0.00
79) Terphenyl-d14	13.027	244	2161140	55.26	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.522	94	87905	4.29	ng	94
18) Hexachloroethane	7.428	117	56967	8.11	ng	# 1
22) Acetophenone	7.287	105	165422	7.39	ng	# 57
32) Benzoic acid	7.969	122	4090	5.26	ng	# 17
35) Caprolactam	8.604	113	47824	10.31	ng	# 10
37) 2-Methylnaphthalene	8.892	142	70090	2.24	ng	98
38) 1-Methylnaphthalene	8.992	142	83483	2.82	ng	99
50) Dimethylphthalate	9.651	163	138771	4.06	ng	# 88
54) 2,4-Dinitrophenol	10.004	184	435	6.96	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.510	198	782	5.13	ng	# 1
66) n-Nitrosodiphenylamine	10.604	169	65629	2.24	ng	# 51
67) 4-Bromophenyl-phenylether	10.733	248	34099	3.29	ng	# 1

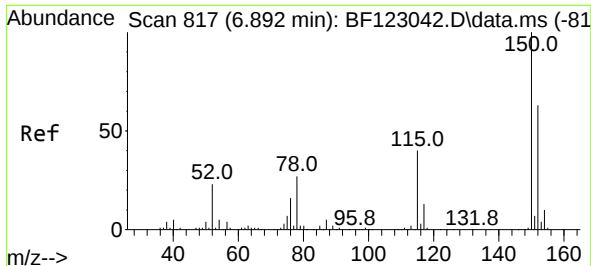
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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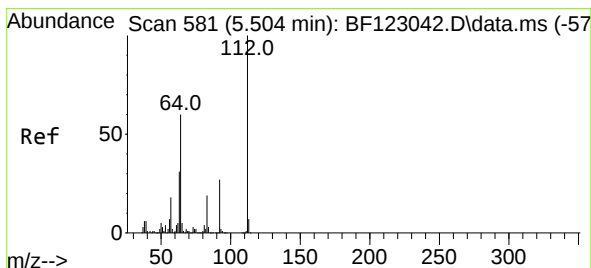
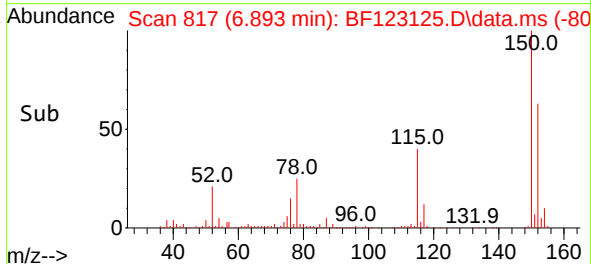
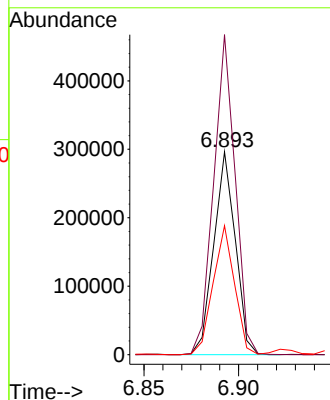
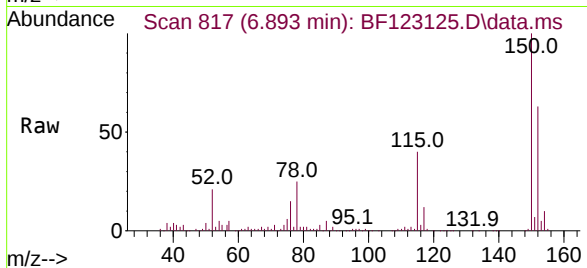




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

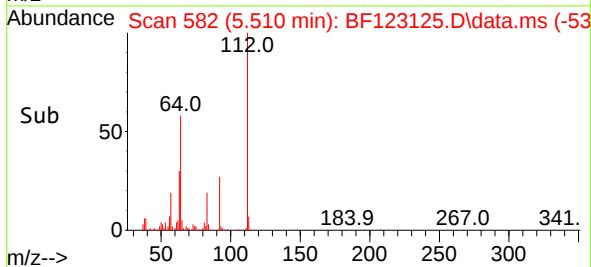
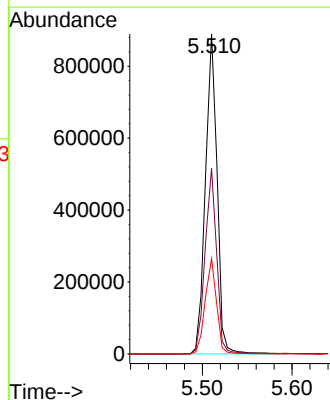
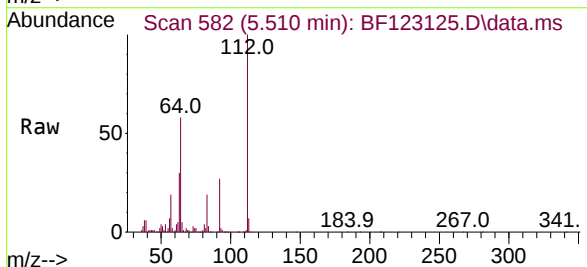
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BNA_F
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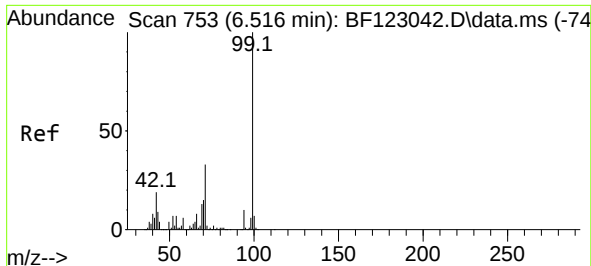
Tgt Ion:152 Resp: 235043
Ion Ratio Lower Upper
152 100
150 157.7 125.8 188.6
115 63.5 49.3 73.9



#5
2-Fluorophenol
Concen: 52.70 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

Tgt Ion:112 Resp: 802954
Ion Ratio Lower Upper
112 100
64 58.0 46.9 70.3
63 29.8 24.5 36.7

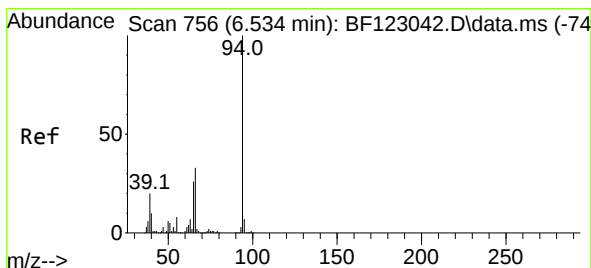
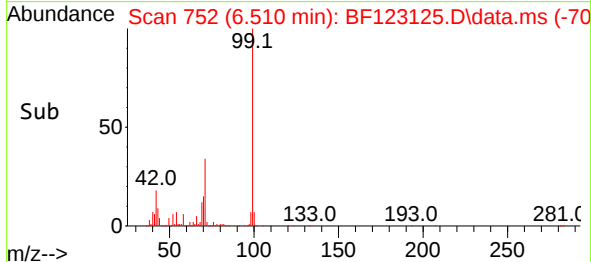
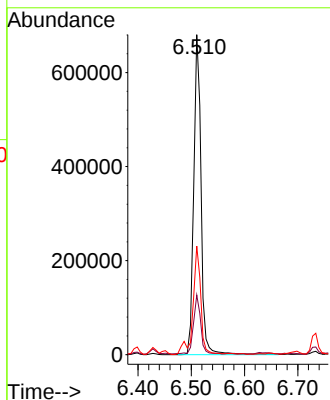
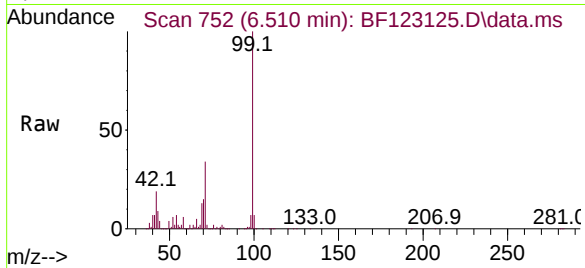




#7
Phenol-d6
Concen: 31.51 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

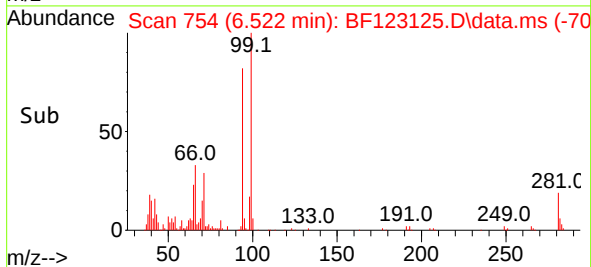
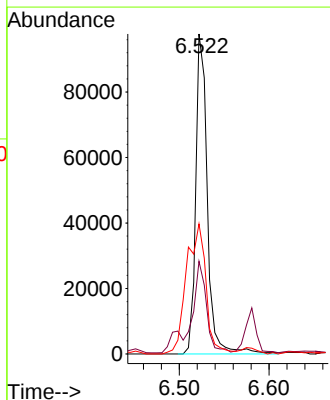
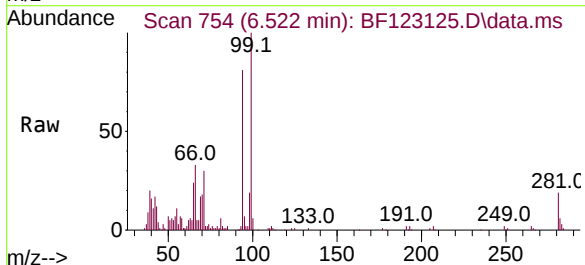
Instrument :
BNA_F
ClientSampleId :
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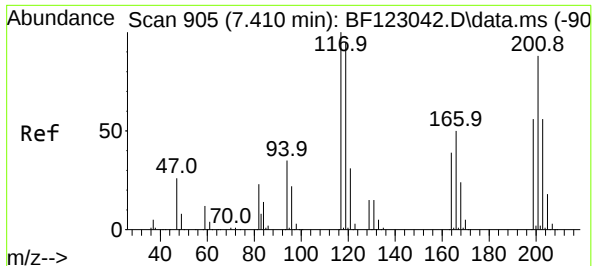
Tgt Ion: 99 Resp: 650798
Ion Ratio Lower Upper
99 100
42 18.7 13.8 20.6
71 33.9 26.9 40.3



#10
Phenol
Concen: 4.29 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

Tgt Ion: 94 Resp: 87905
Ion Ratio Lower Upper
94 100
65 29.0 11.2 51.2
66 40.6 25.8 65.8

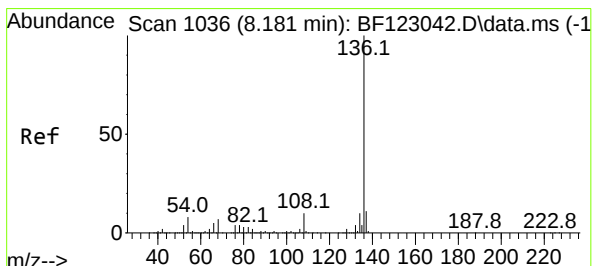
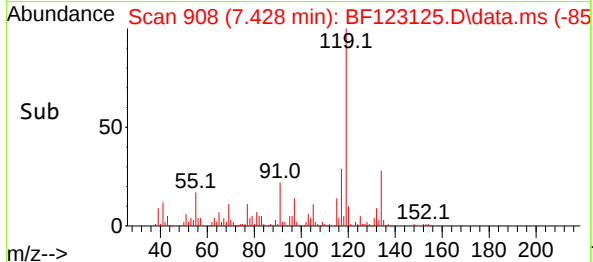
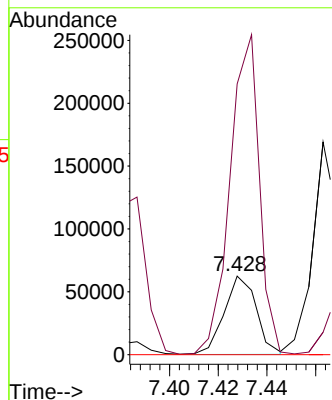
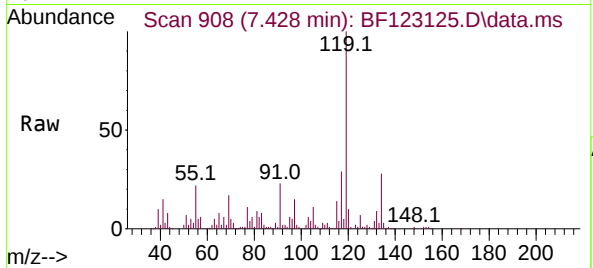




#18
Hexachloroethane
Concen: 8.11 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.018 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

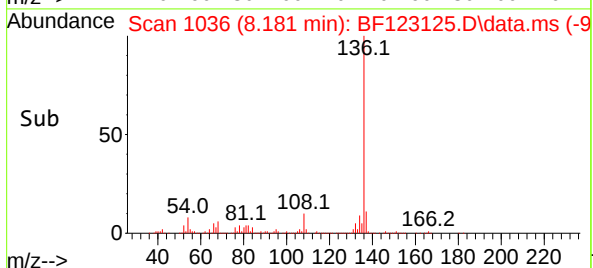
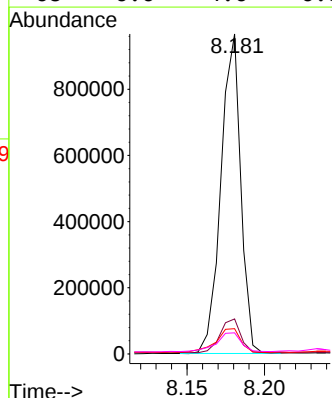
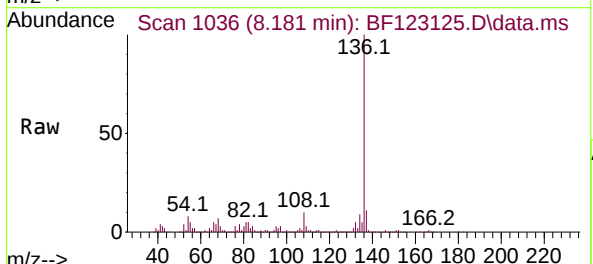
Instrument :
BNA_F
ClientSampleId :
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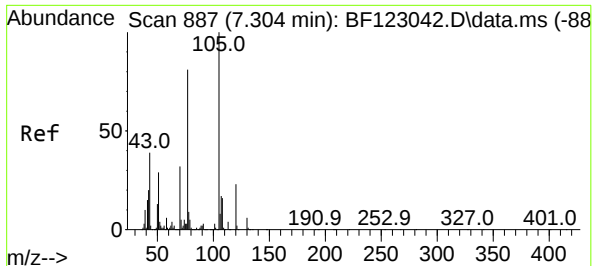
Tgt Ion:117 Resp: 56967
Ion Ratio Lower Upper
117 100
119 344.3 78.4 117.6#
201 0.0 79.6 119.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

Tgt Ion:136 Resp: 859272
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 5.5 8.3
68 6.6 4.6 6.8



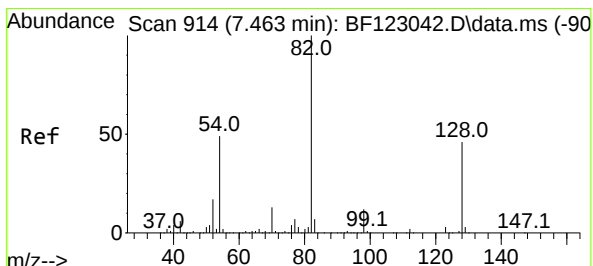
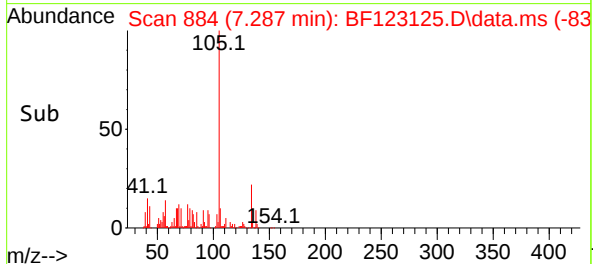
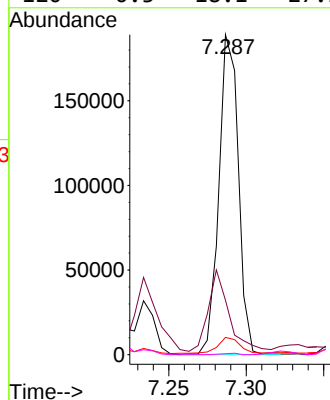
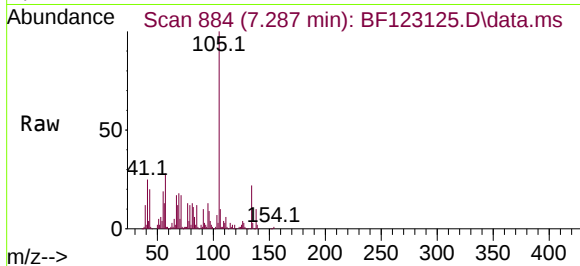


#22
Acetophenone
Concen: 7.39 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.018 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

Instrument :
BNA_F
ClientSampleId :
WP-110

Tgt Ion:105 Resp: 165422

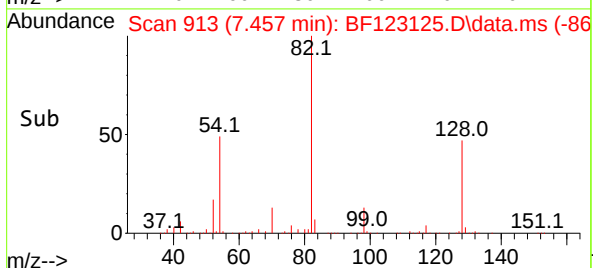
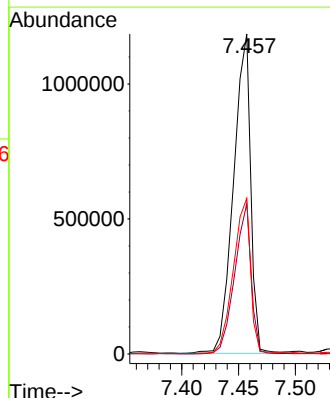
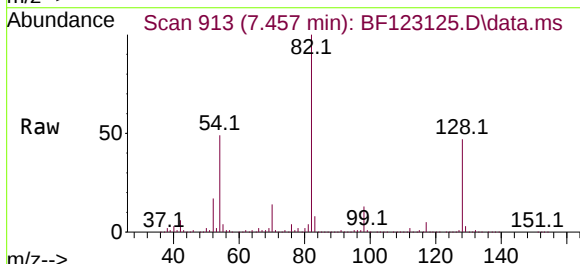
Ion	Ratio	Lower	Upper
105	100		
71	17.0	6.5	9.7#
51	5.4	24.3	36.5#
120	0.3	18.1	27.1#

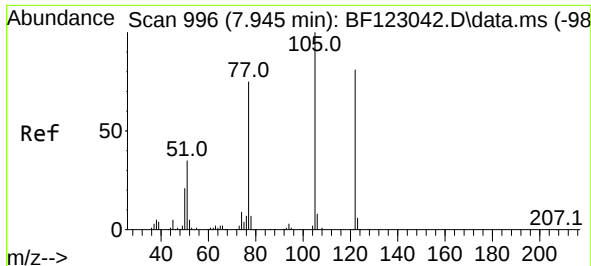


#23
Nitrobenzene-d5
Concen: 72.44 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

Tgt Ion: 82 Resp: 1236771

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.0	55.4
54	48.6	38.4	57.6

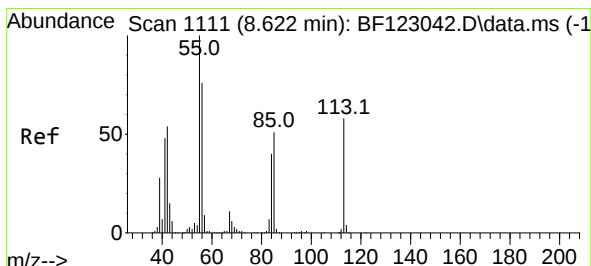
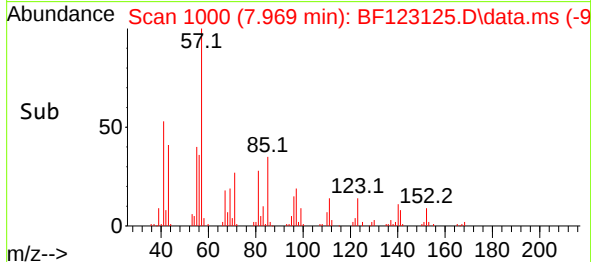
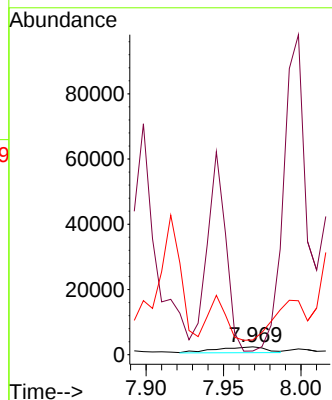
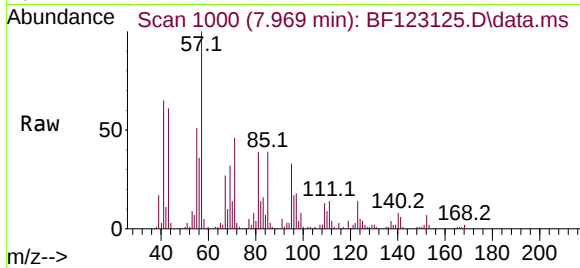




#32
Benzoic acid
Concen: 5.26 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.024 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

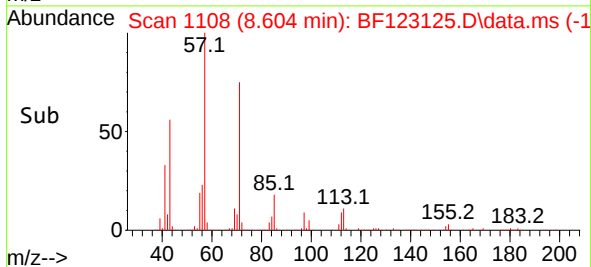
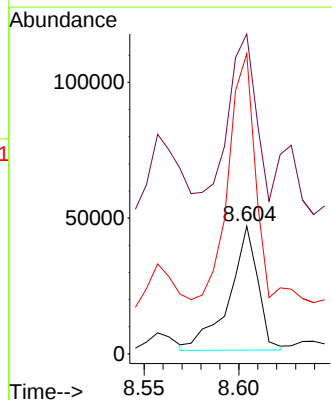
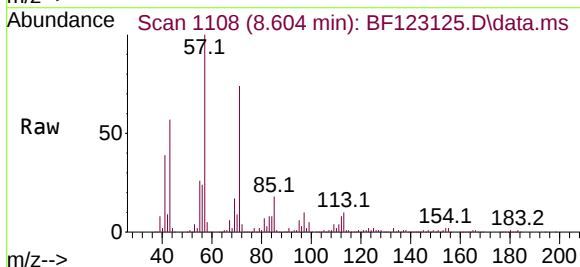
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WP-110

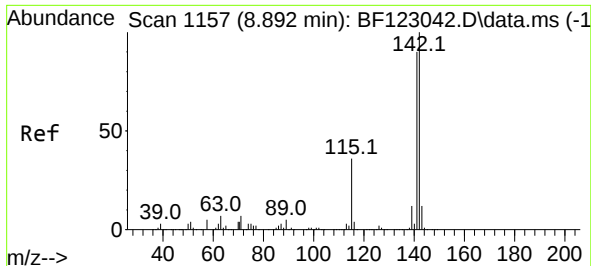
Tgt Ion:122 Resp: 4090
Ion Ratio Lower Upper
122 100
105 47.5 104.8 144.8#
77 188.4 71.0 111.0#



#35
Caprolactam
Concen: 10.31 ng
RT: 8.604 min Scan# 1108
Delta R.T. -0.018 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

Tgt Ion:113 Resp: 47824
Ion Ratio Lower Upper
113 100
55 250.2 133.7 173.7#
56 234.8 95.3 135.3#

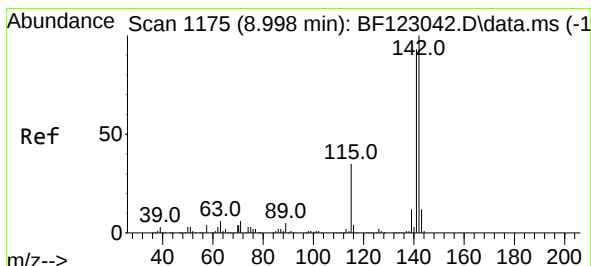
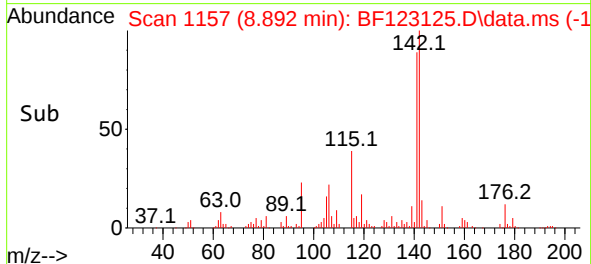
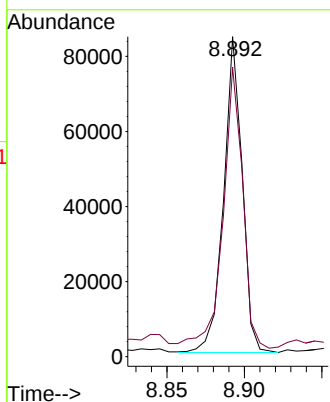
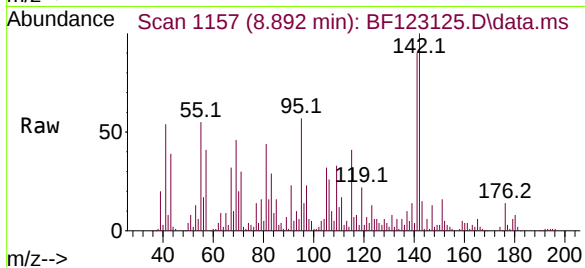




#37
2-Methylnaphthalene
Concen: 2.24 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

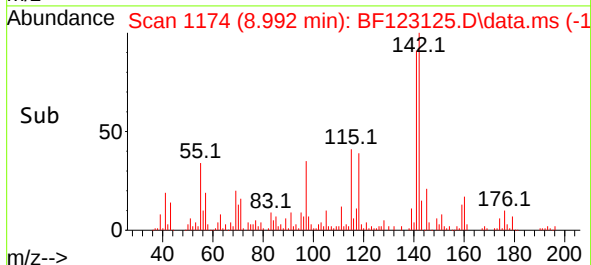
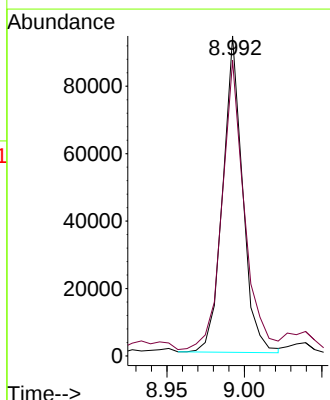
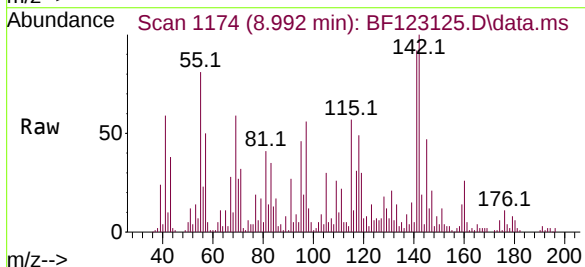
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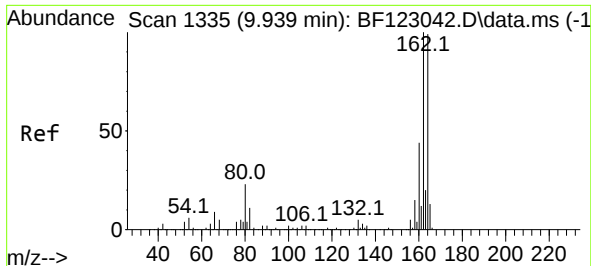
Tgt Ion:142 Resp: 70090
Ion Ratio Lower Upper
142 100
141 90.4 70.6 106.0



#38
1-Methylnaphthalene
Concen: 2.82 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

Tgt Ion:142 Resp: 83483
Ion Ratio Lower Upper
142 100
141 92.4 74.5 111.7

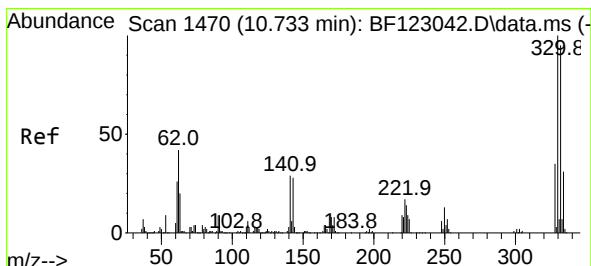
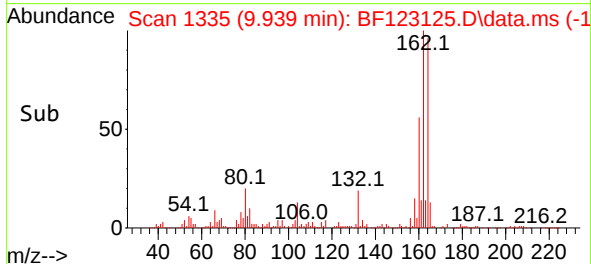
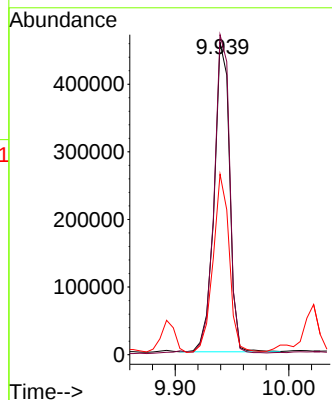
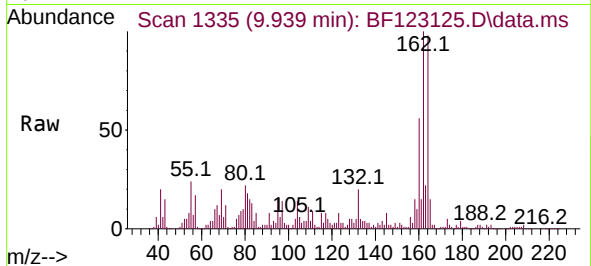




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

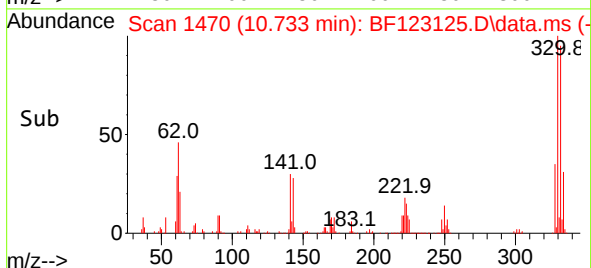
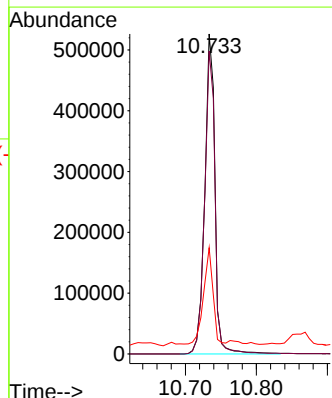
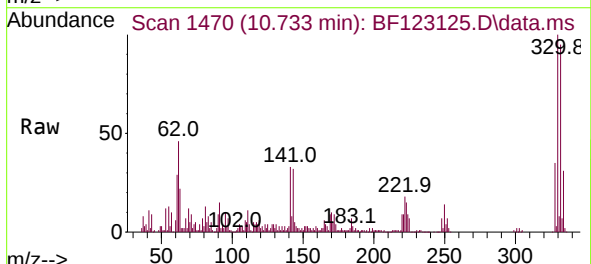
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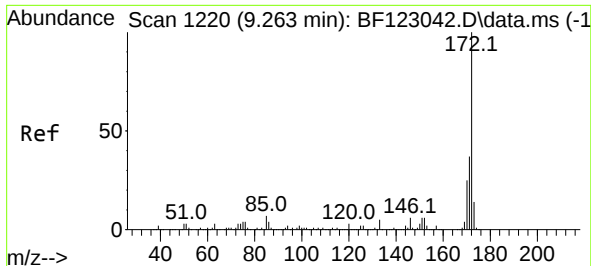
Tgt Ion:164 Resp: 435217
Ion Ratio Lower Upper
164 100
162 102.5 80.8 121.2
160 57.8 35.4 53.0#



#42
2,4,6-Tribromophenol
Concen: 111.24 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

Tgt Ion:330 Resp: 525564
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 27.6 23.8 35.8

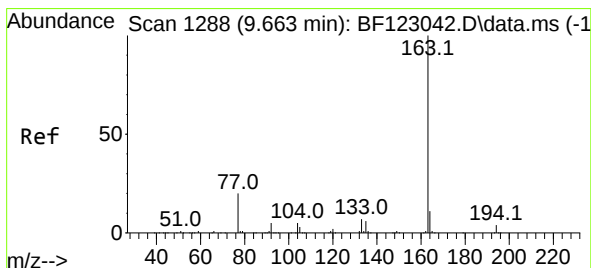
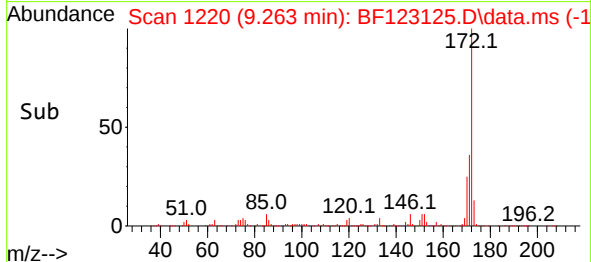
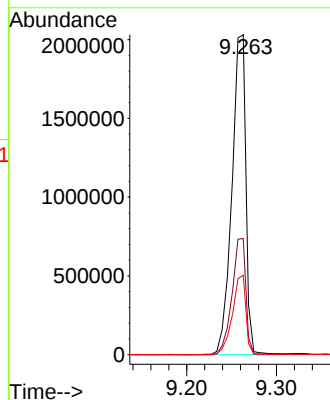
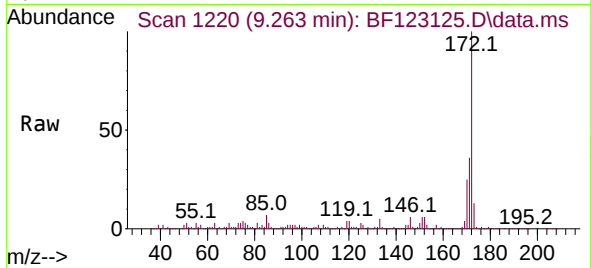




#45
2-Fluorobiphenyl
Concen: 75.22 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

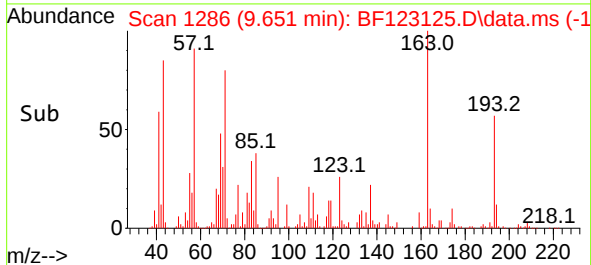
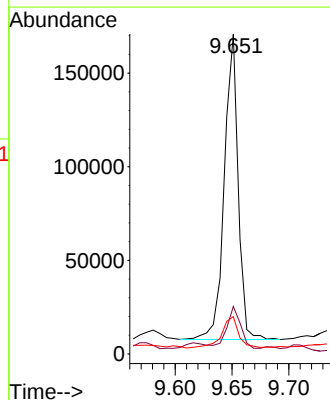
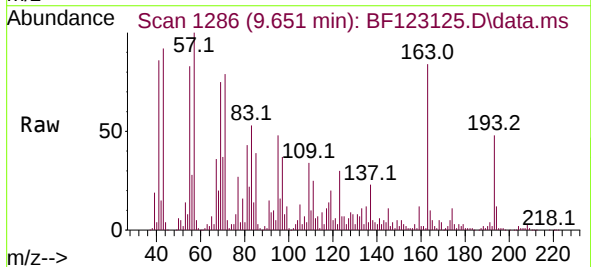
Instrument :
BNA_F
ClientSampled :
WP-110

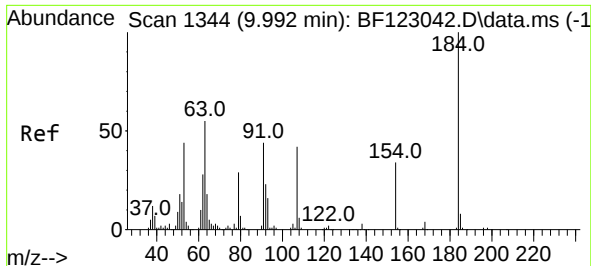
Tgt Ion:172 Resp: 2202226
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.8 19.5 29.3



#50
Dimethylphthalate
Concen: 4.06 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

Tgt Ion:163 Resp: 138771
Ion Ratio Lower Upper
163 100
194 14.8 3.4 5.0#
164 11.6 8.1 12.1

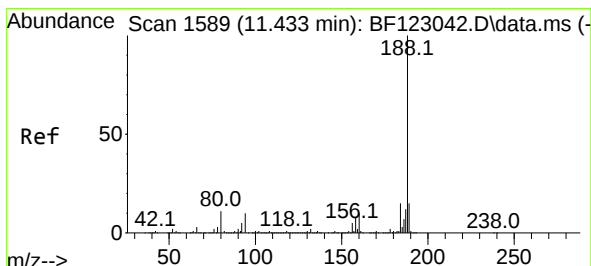
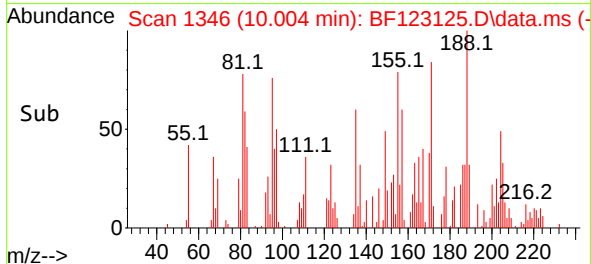
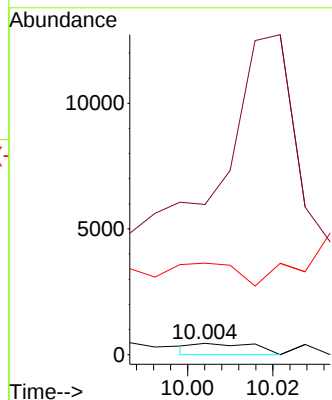
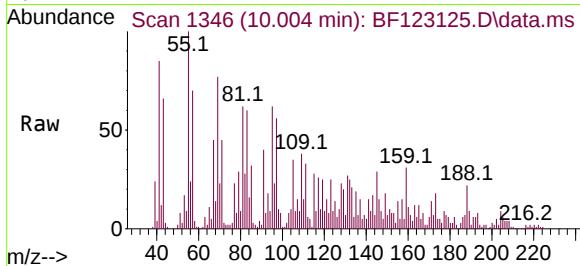




#54
2,4-Dinitrophenol
Concen: 6.96 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.012 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

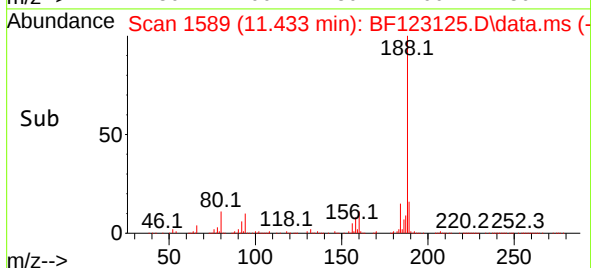
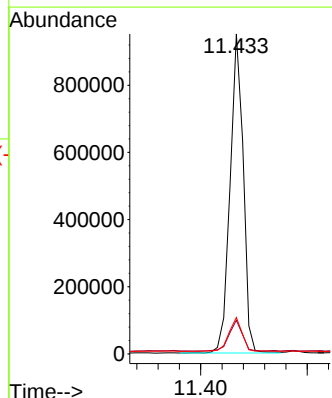
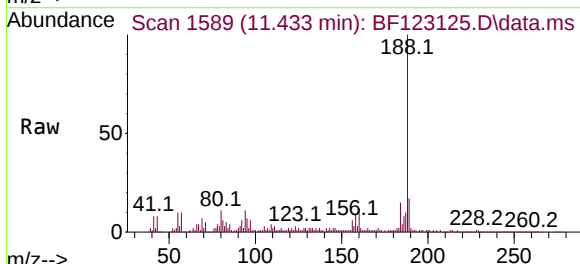
Instrument :
BNA_F
ClientSampleId :
WP-110

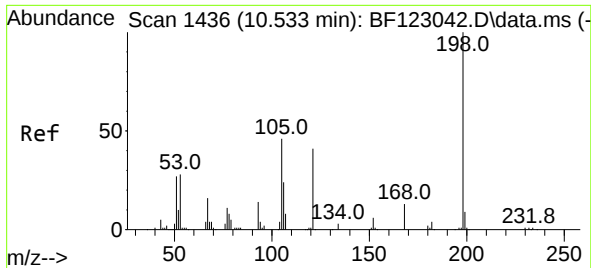
Tgt Ion:184 Resp: 435
Ion Ratio Lower Upper
184 100
63 1324.8 51.4 77.2#
154 807.3 49.7 74.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

Tgt Ion:188 Resp: 813146
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 11.4 8.2 12.4

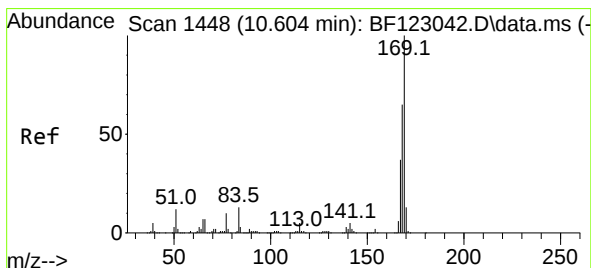
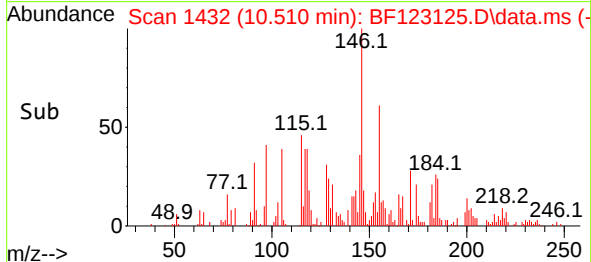
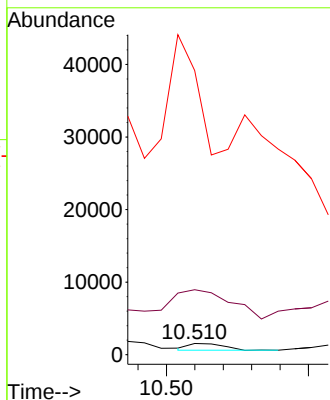
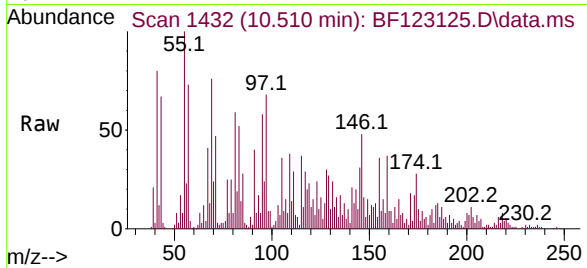




#65
4,6-Dinitro-2-methylphenol
Concen: 5.13 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.023 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

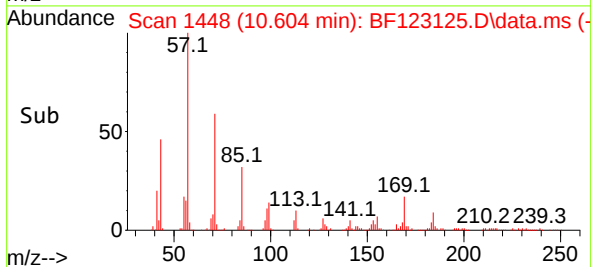
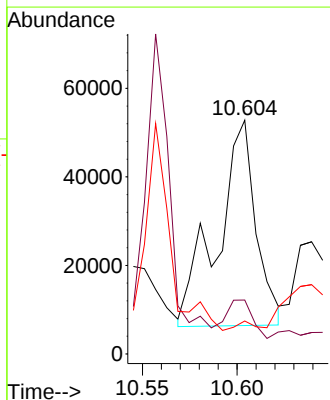
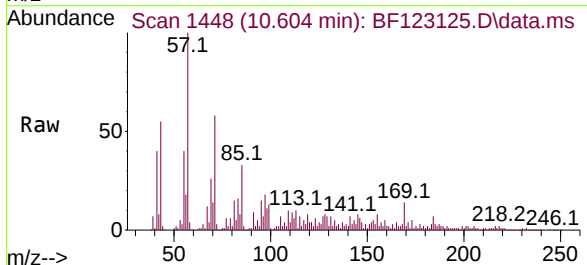
Instrument :
BNA_F
ClientSampleId :
WP-110

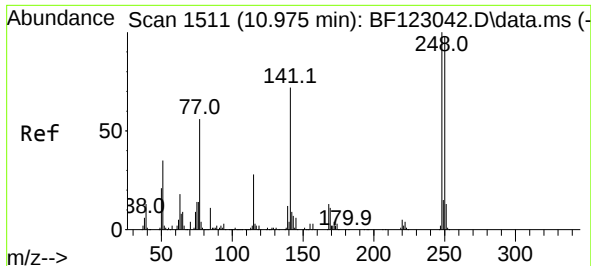
Tgt Ion:198 Resp: 782
Ion Ratio Lower Upper
198 100
51 578.2 20.3 60.3#
105 2527.5 23.0 63.0#



#66
n-Nitrosodiphenylamine
Concen: 2.24 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

Tgt Ion:169 Resp: 65629
Ion Ratio Lower Upper
169 100
168 23.1 54.2 81.2#
167 14.1 29.2 43.8#

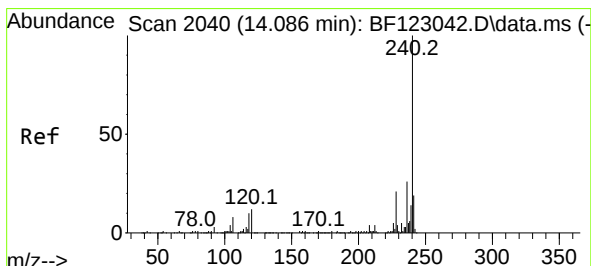
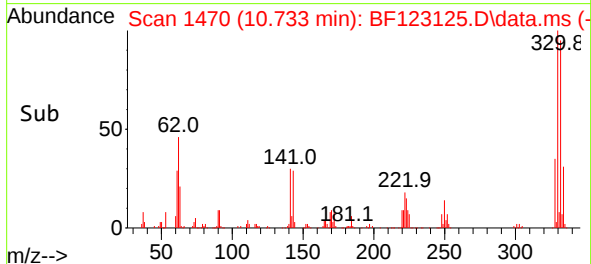
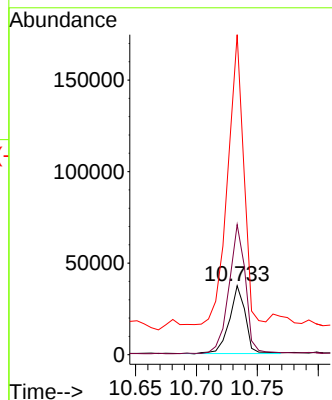
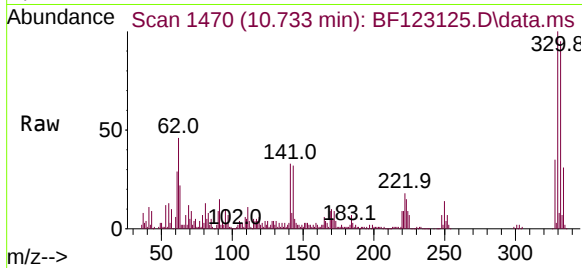




#67
4-Bromophenyl-phenylether
Concen: 3.29 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.241 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

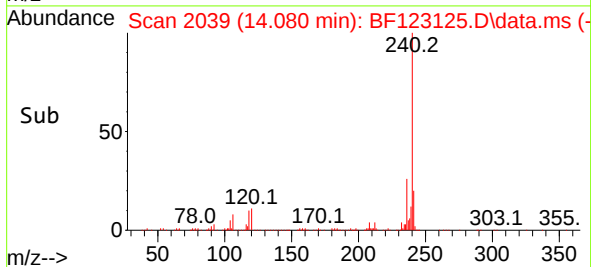
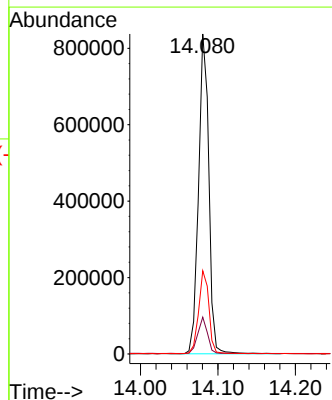
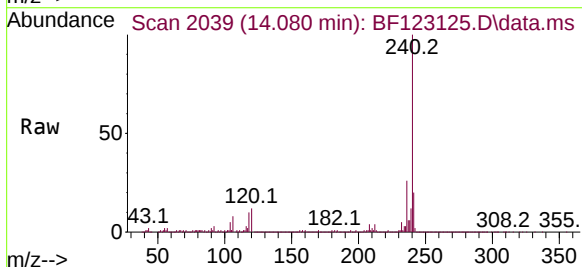
Instrument :
BNA_F
ClientSampleId :
WP-110

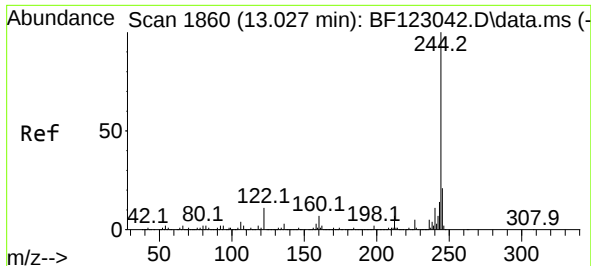
Tgt Ion:248 Resp: 34099
Ion Ratio Lower Upper
248 100
250 188.5 76.8 115.2#
141 463.8 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123125.D
Acq: 4 Feb 2021 21:37

Tgt Ion:240 Resp: 768393
Ion Ratio Lower Upper
240 100
120 11.5 8.6 12.8
236 26.0 20.3 30.5

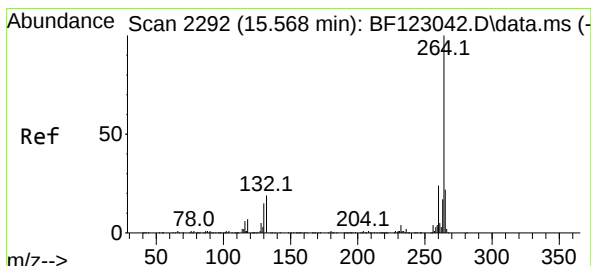
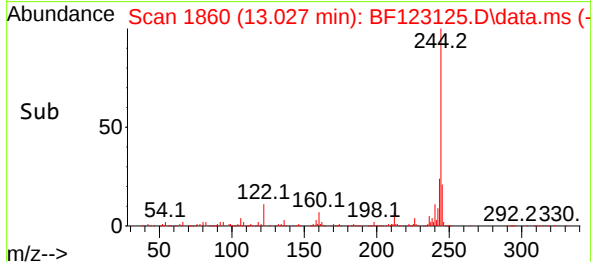
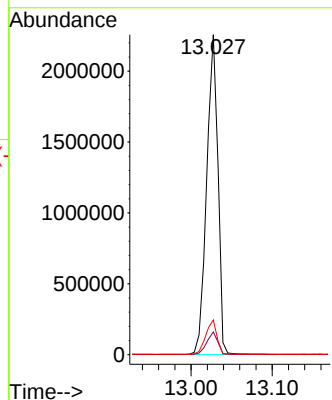
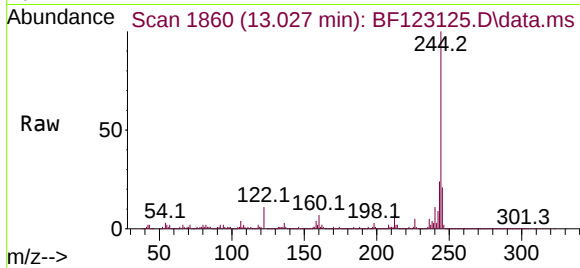




#79
 Terphenyl-d14
 Concen: 55.26 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: BF123125.D
 Acq: 4 Feb 2021 21:37

Instrument :
 BNA_F
 ClientSampleId :
 WP-110

Tgt Ion:244 Resp: 2161140
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF123125.D
 Acq: 4 Feb 2021 21:37

Tgt Ion:264 Resp: 470167
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 21.1 17.0 25.6

