

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
 Data File : BF123358.D
 Acq On : 3 Mar 2021 16:27
 Operator : JU/CG
 Sample : M1545-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-725

Quant Time: Mar 03 17:06:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 03 13:18:24 2021
 Response via : Initial Calibration

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

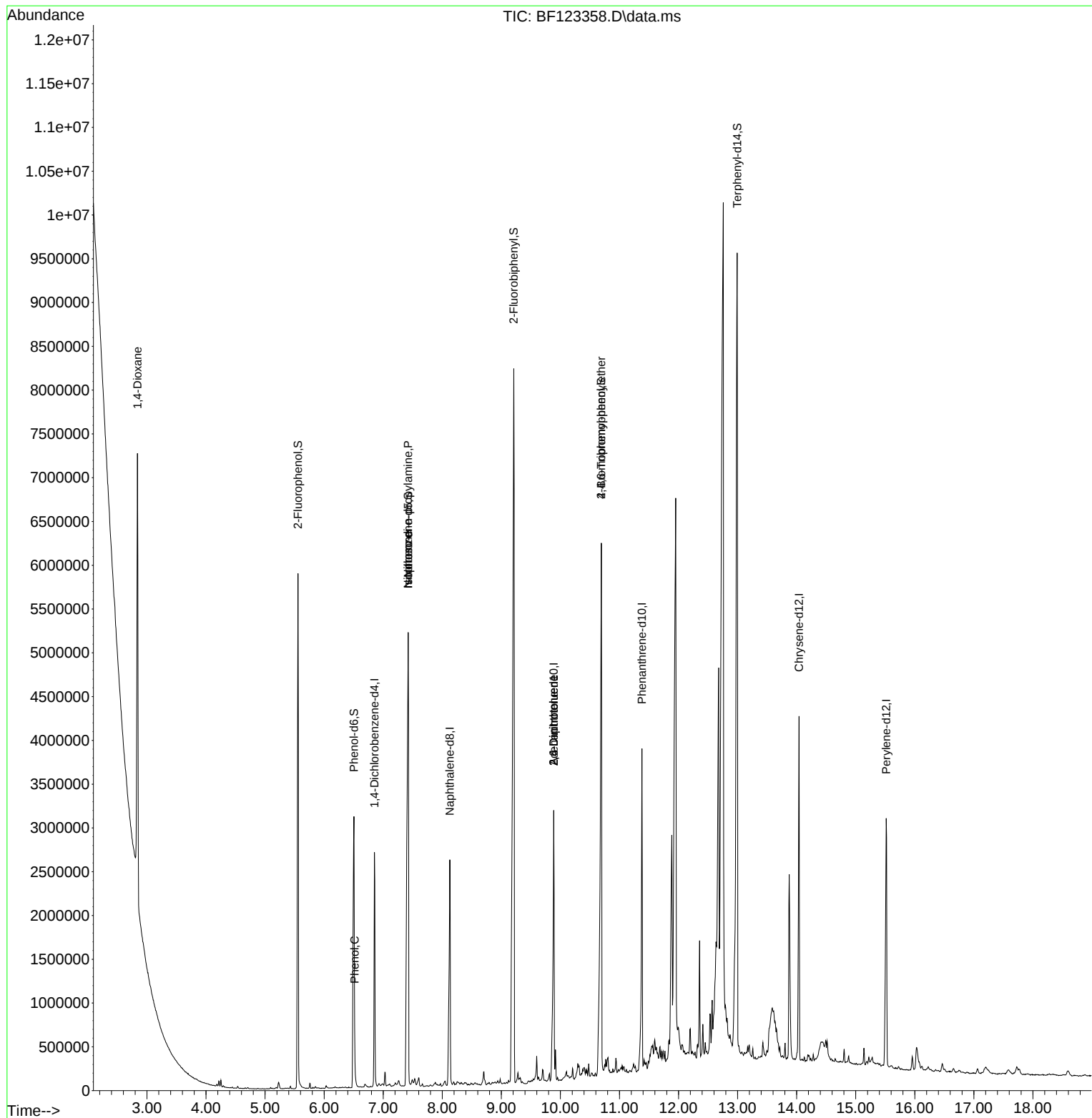
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	423740	20.00	ng	0.00
21) Naphthalene-d8	8.128	136	1723137	20.00	ng	# 0.00
39) Acenaphthene-d10	9.886	164	895296	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	1629434	20.00	ng	0.00
76) Chrysene-d12	14.039	240	1430824	20.00	ng	0.00
86) Perylene-d12	15.515	264	1420086	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	1808126	61.42	ng	0.09
7) Phenol-d6	6.504	99	1440168	36.01	ng	0.02
23) Nitrobenzene-d5	7.422	82	3347839	88.94	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	1268023	139.09	ng	0.01
45) 2-Fluorobiphenyl	9.210	172	4959619	79.57	ng	0.00
79) Terphenyl-d14	12.992	244	5228251	70.26	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.840	88	41927	2.47	ng	# 1
9) Benzaldehyde	6.416	77	2491	Below Cal		# 80
10) Phenol	6.516	94	165136	3.79	ng	98
19) n-Nitroso-di-n-propyla...	7.422	70	477992	20.09	ng	# 80
25) Isophorone	7.422	82	3118479	44.30	ng	# 65
51) 2,6-Dinitrotoluene	9.886	165	117739	7.63	ng	# 33
57) 2,4-Dinitrotoluene	9.886	165	117739	5.67	ng	# 27
67) 4-Bromophenyl-phenylether	10.692	248	87634	4.93	ng	# 1

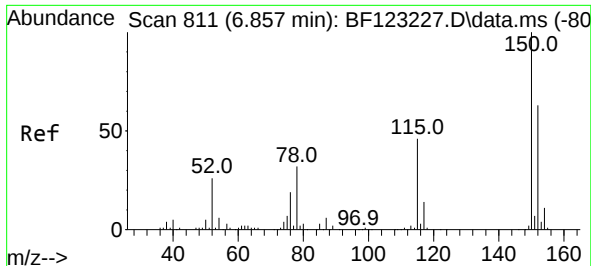
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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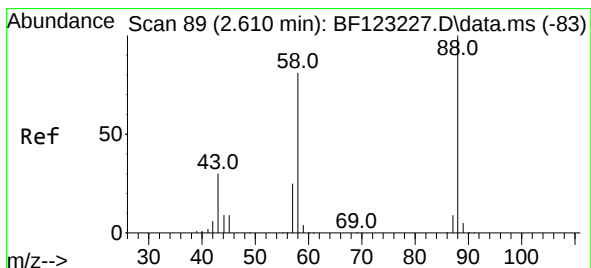
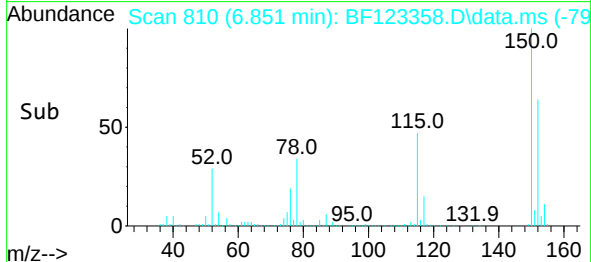
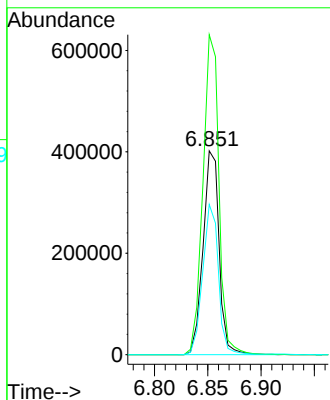
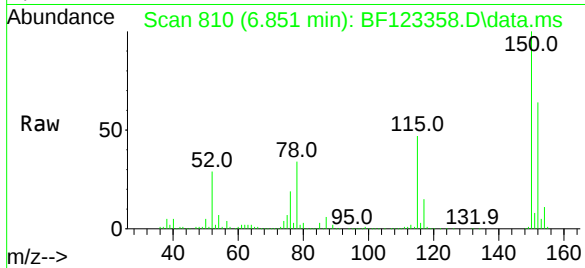




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

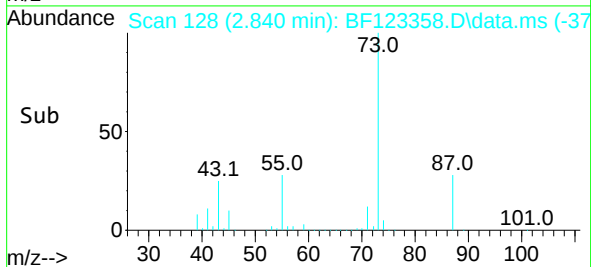
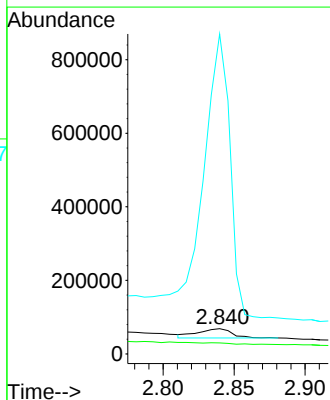
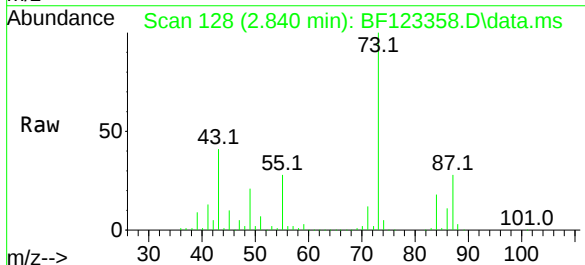
Instrument :
BNA_F
ClientSampleId :
MH-725

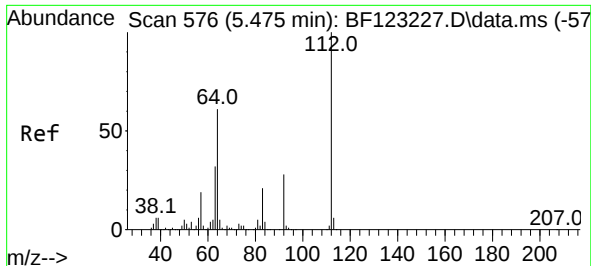
Tgt Ion:152 Resp: 423740
Ion Ratio Lower Upper
152 100
150 157.0 125.8 188.6
115 73.7 49.3 73.9



#2
1,4-Dioxane
Concen: 2.47 ng
RT: 2.840 min Scan# 128
Delta R.T. 0.235 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

Tgt Ion: 88 Resp: 41927
Ion Ratio Lower Upper
88 100
58 0.0 56.2 84.2#
43 2439.9 21.8 32.6#

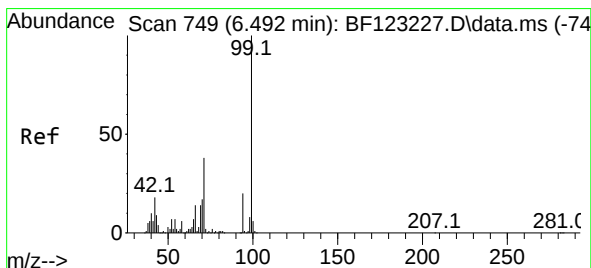
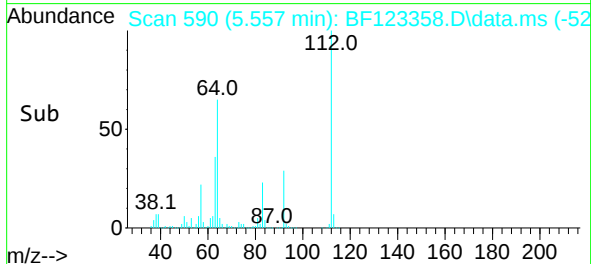
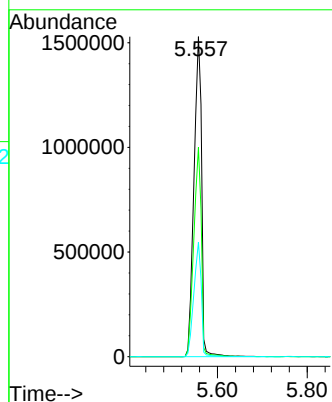
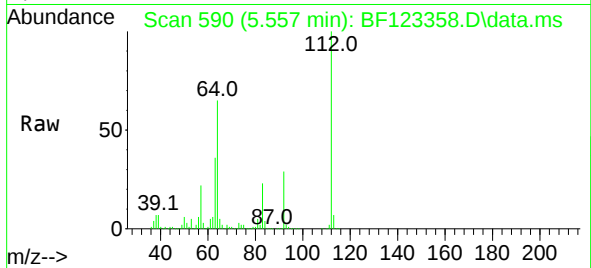




#5
2-Fluorophenol
Concen: 61.42 ng
RT: 5.557 min Scan# 590
Delta R.T. 0.088 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

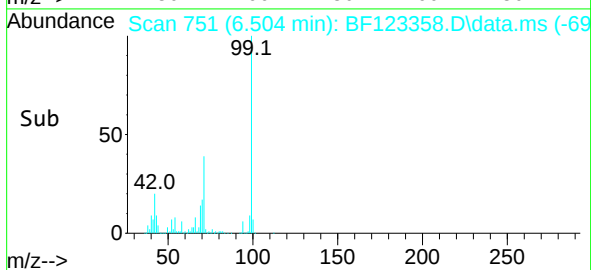
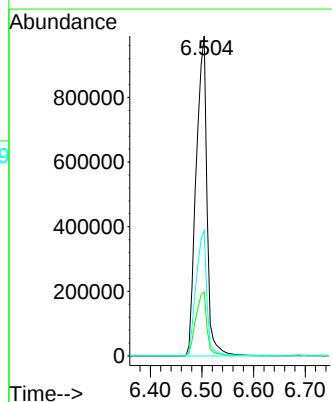
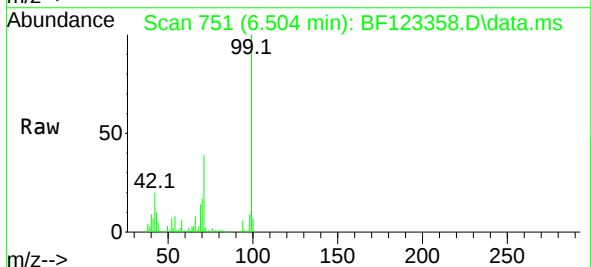
Instrument :
BNA_F
ClientSampleId :
MH-725

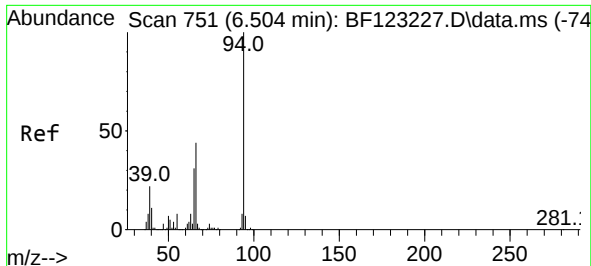
Tgt Ion:112 Resp: 1808126
Ion Ratio Lower Upper
112 100
64 65.4 46.9 70.3
63 35.8 24.5 36.7



#7
Phenol-d6
Concen: 36.01 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.018 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

Tgt Ion: 99 Resp: 1440168
Ion Ratio Lower Upper
99 100
42 20.0 13.8 20.6
71 39.2 26.9 40.3

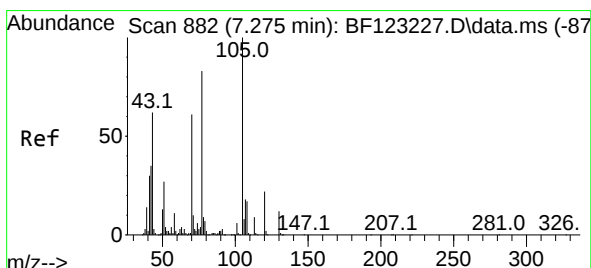
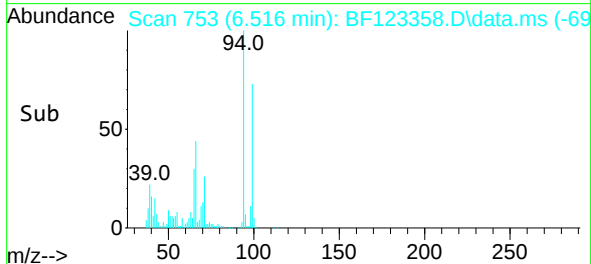
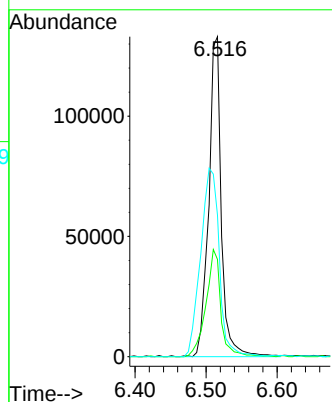
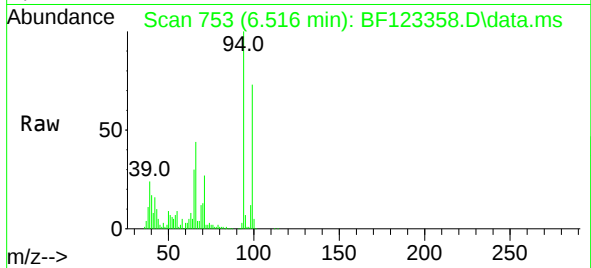




#10
Phenol
Concen: 3.79 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.018 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

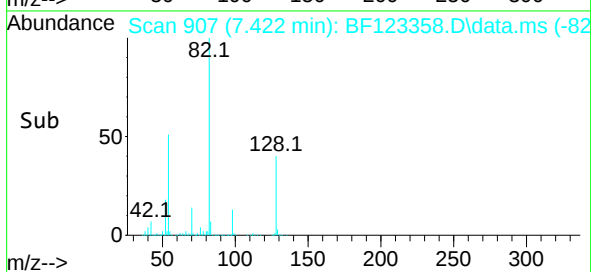
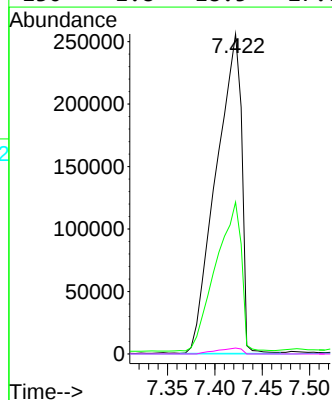
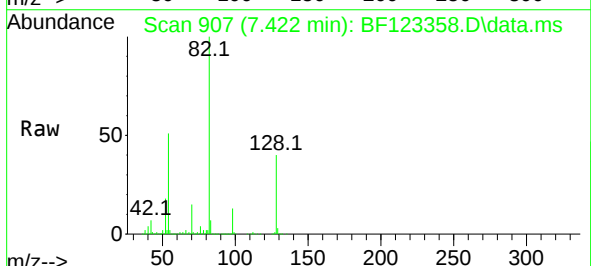
Instrument :
BNA_F
ClientSampleId :
MH-725

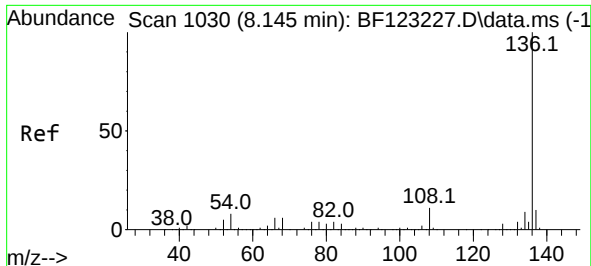
Tgt Ion: 94 Resp: 165136
Ion Ratio Lower Upper
94 100
65 30.4 11.2 51.2
66 44.3 25.8 65.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.09 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.159 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

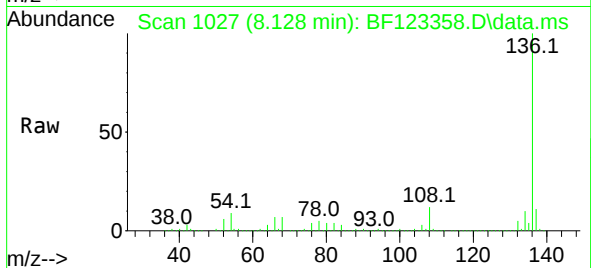
Tgt Ion: 70 Resp: 477992
Ion Ratio Lower Upper
70 100
42 47.5 43.0 64.4
101 0.0 7.9 11.9#
130 1.8 18.5 27.7#



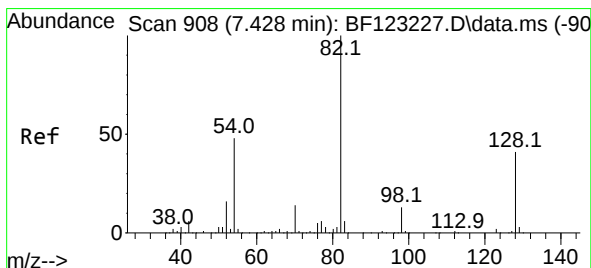
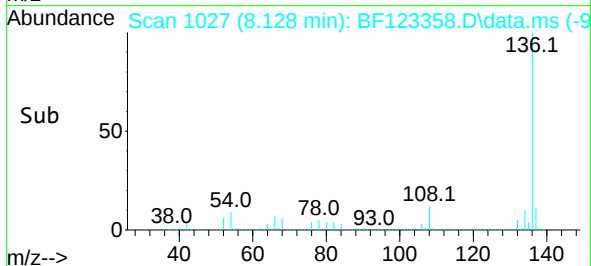
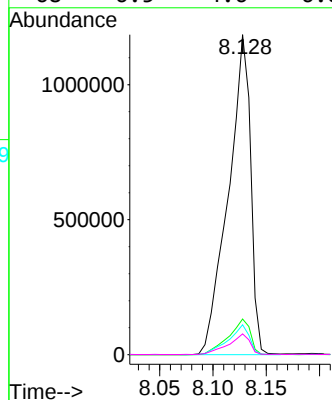


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

Instrument :
BNA_F
ClientSampleId :
MH-725

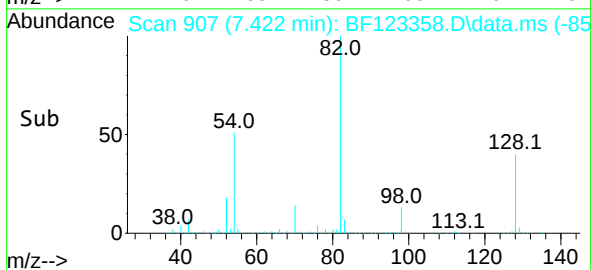
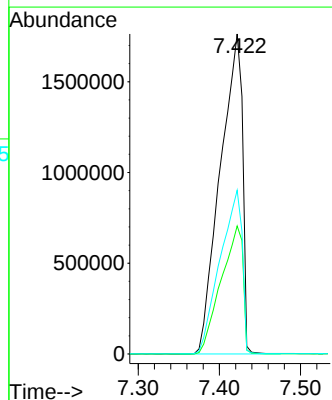
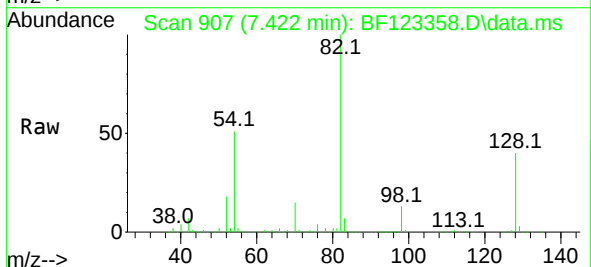


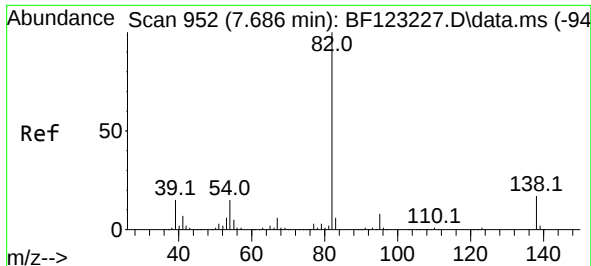
Tgt Ion:136 Resp: 1723137
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.4 5.5 8.3#
68 6.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 88.94 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.006 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

Tgt Ion: 82 Resp: 3347839
Ion Ratio Lower Upper
82 100
128 40.0 37.0 55.4
54 51.1 38.4 57.6

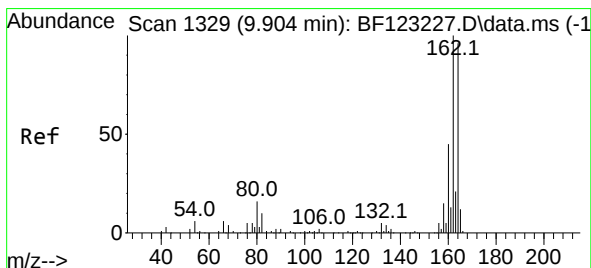
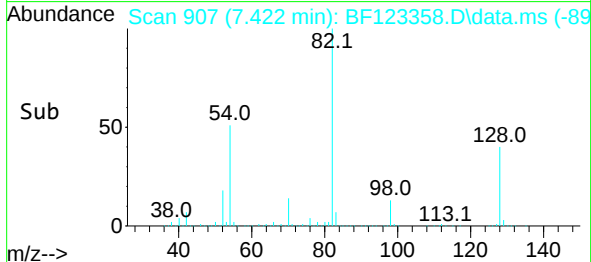
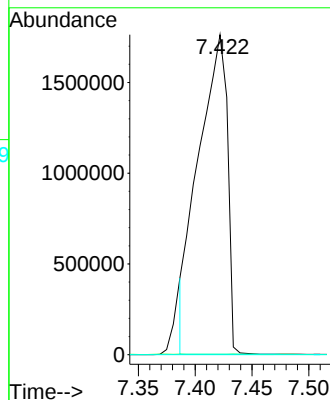
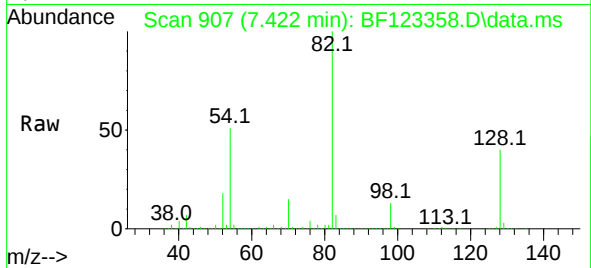




#25
Isophorone
Concen: 44.30 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.253 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

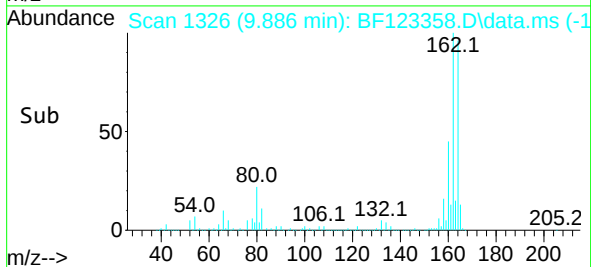
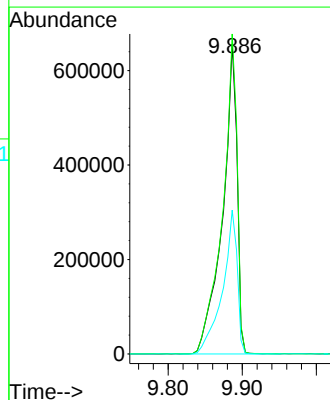
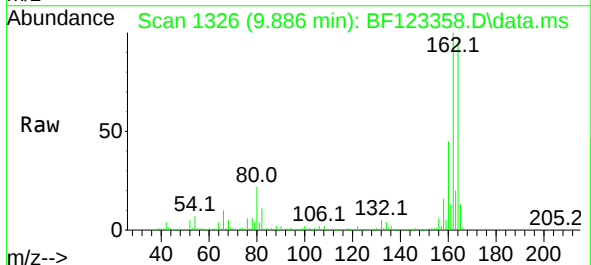
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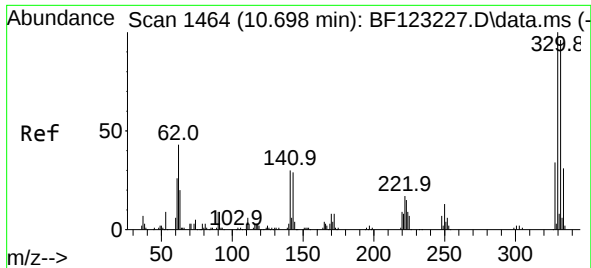
Tgt Ion: 82 Resp: 3118479
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

Tgt Ion:164 Resp: 895296
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 46.4 35.4 53.0

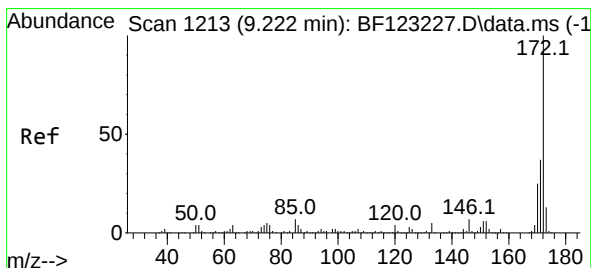
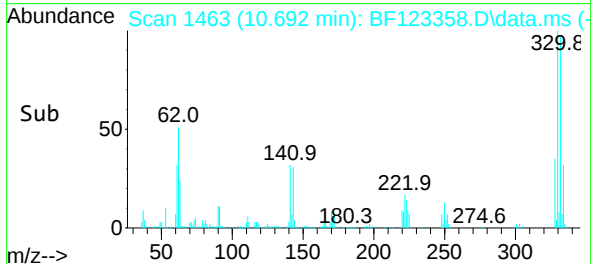
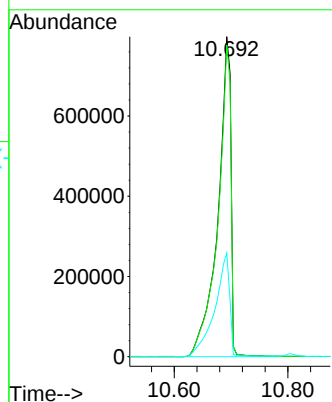
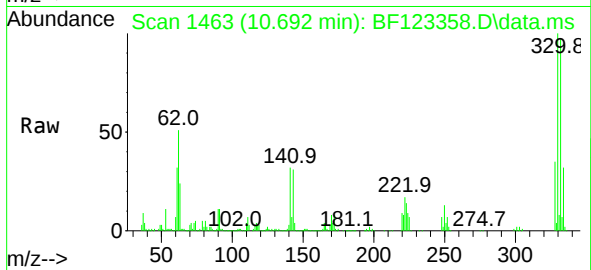




#42
2,4,6-Tribromophenol
Concen: 139.09 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.012 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

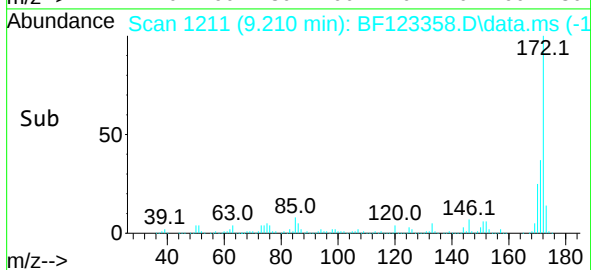
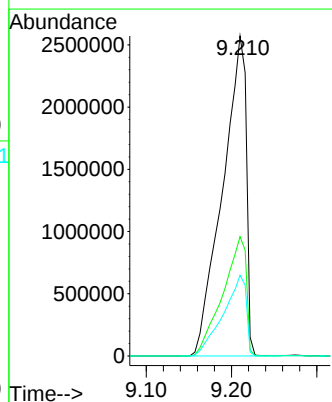
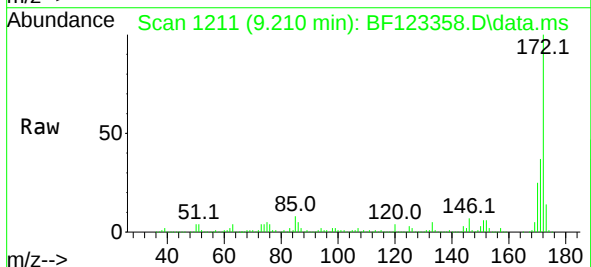
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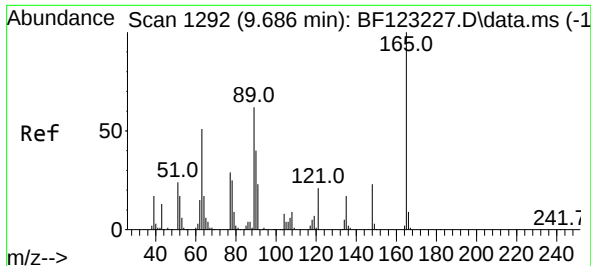
Tgt Ion:330 Resp: 1268023
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 36.6 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 79.57 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

Tgt Ion:172 Resp: 4959619
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 25.2 19.5 29.3

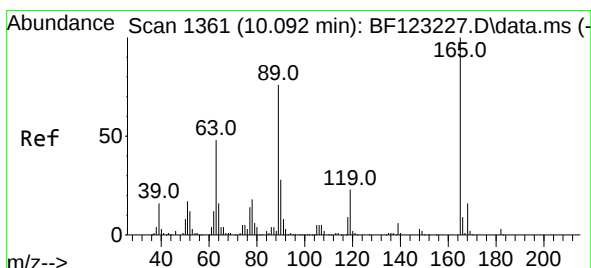
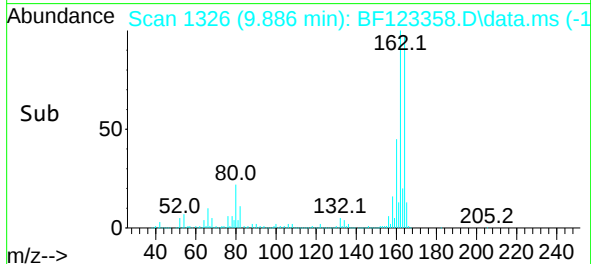
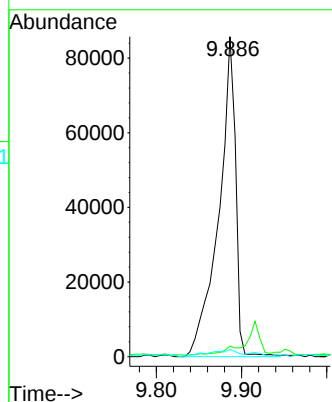
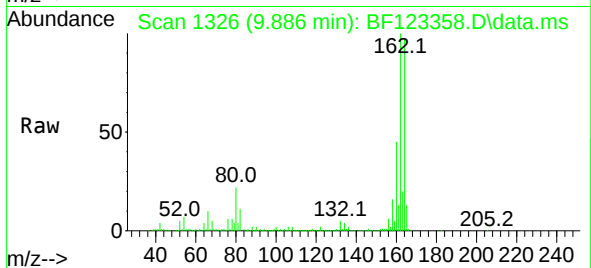




#51
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.212 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

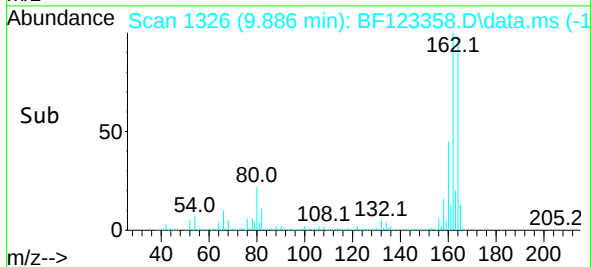
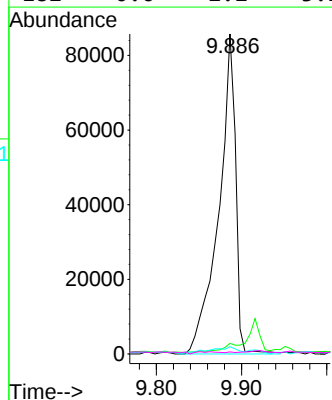
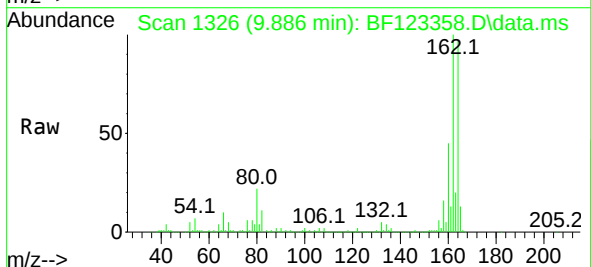
Instrument :
BNA_F
ClientSampled :
MH-725

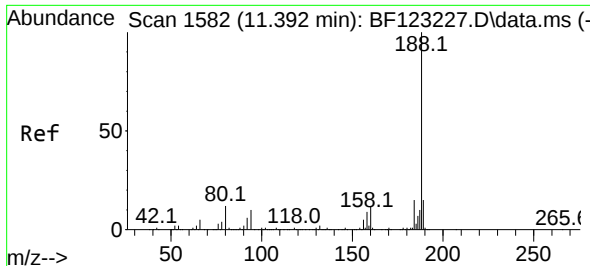
Tgt Ion:165 Resp: 117739
Ion Ratio Lower Upper
165 100
63 3.3 36.6 55.0#
89 2.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.67 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.194 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

Tgt Ion:165 Resp: 117739
Ion Ratio Lower Upper
165 100
63 3.3 34.3 51.5#
89 2.3 55.2 82.8#
182 0.6 2.2 3.2#

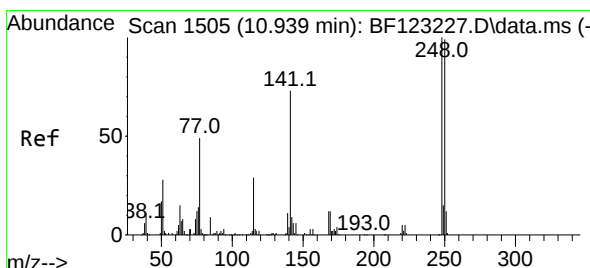
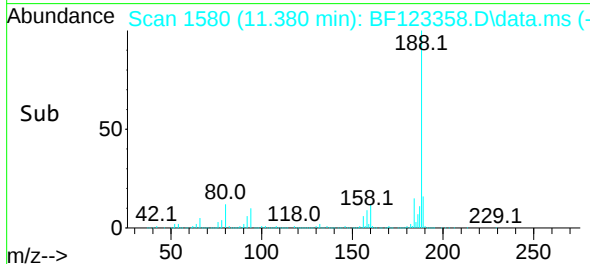
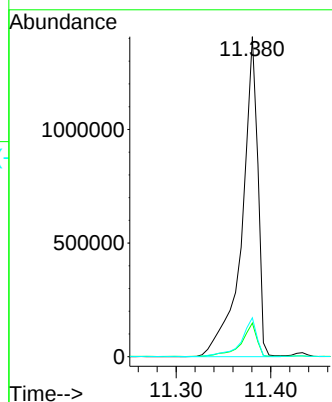
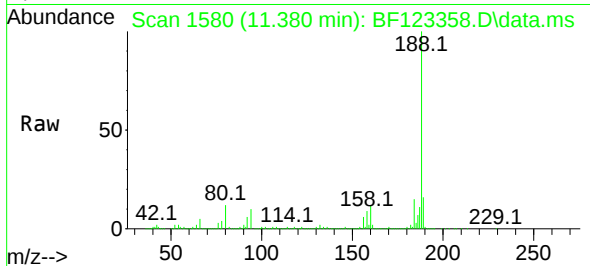




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

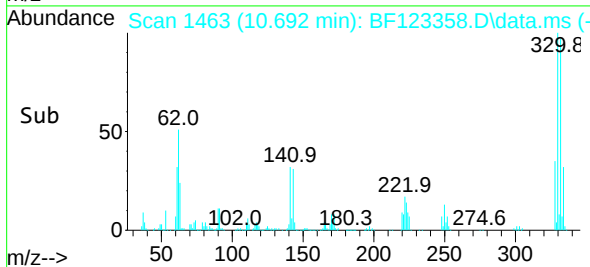
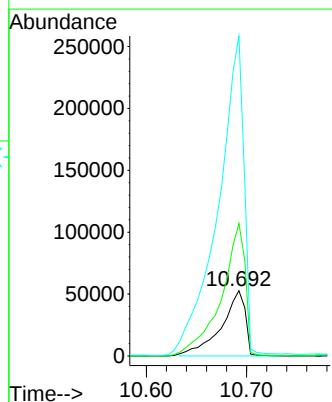
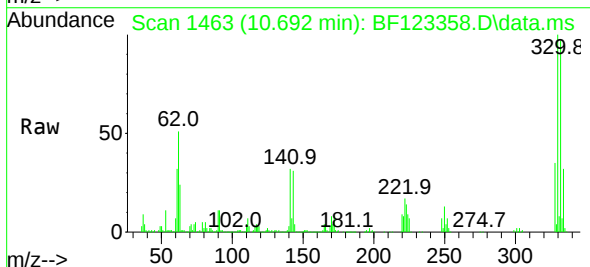
Instrument :
BNA_F
ClientSampleId :
MH-725

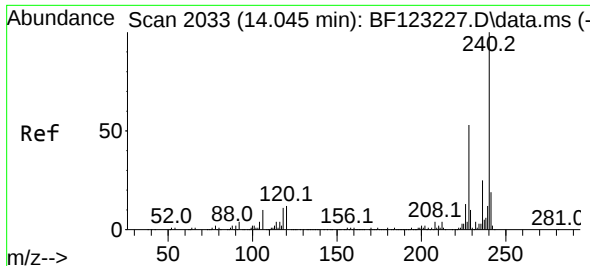
Tgt Ion:188 Resp: 1629434
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 12.2 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.93 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.229 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

Tgt Ion:248 Resp: 87634
Ion Ratio Lower Upper
248 100
250 203.1 76.8 115.2#
141 490.6 59.8 89.8#

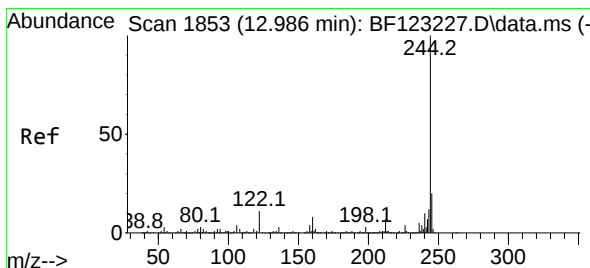
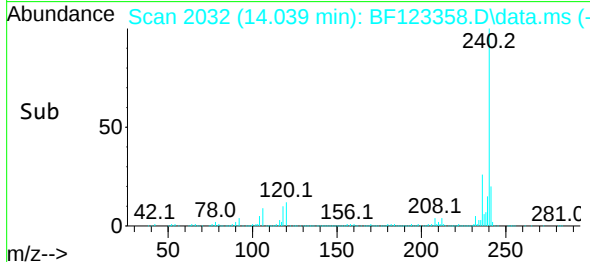
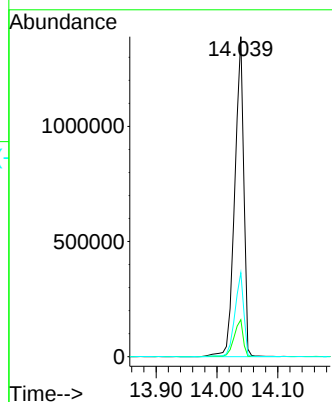
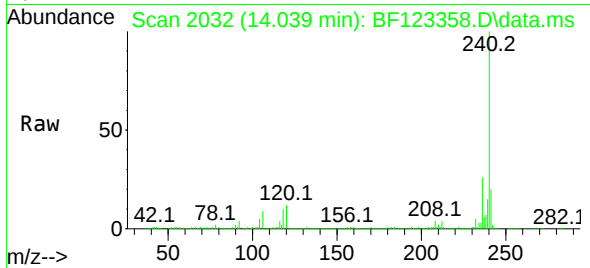




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

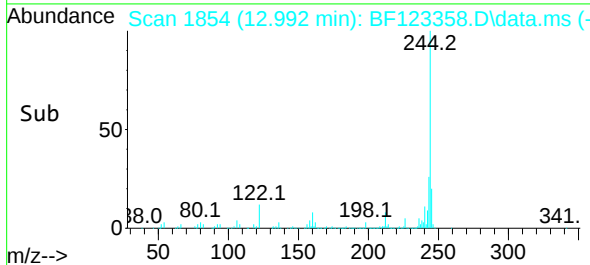
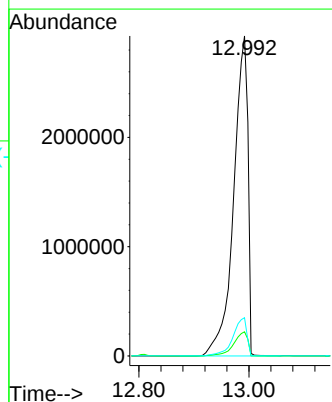
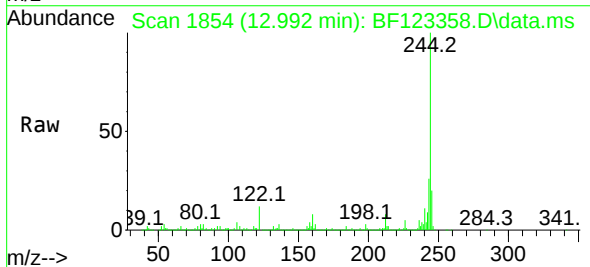
Instrument :
BNA_F
ClientSampleId :
MH-725

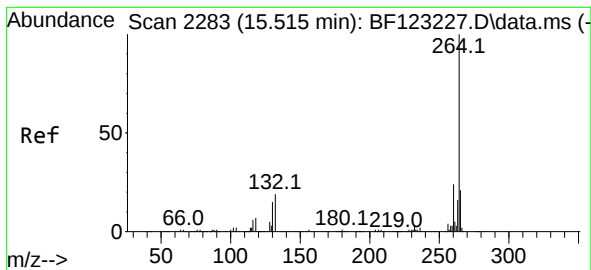
Tgt Ion:240 Resp: 1430824
Ion Ratio Lower Upper
240 100
120 11.6 8.6 12.8
236 26.2 20.3 30.5



#79
Terphenyl-d14
Concen: 70.26 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.024 min
Lab File: BF123358.D
Acq: 3 Mar 2021 16:27

Tgt Ion:244 Resp: 5228251
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 12.0 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.018 min
 Lab File: BF123358.D
 Acq: 3 Mar 2021 16:27

Instrument :
 BNA_F
 ClientSampleId :
 MH-725

Tgt Ion:264 Resp: 1420086
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.6 28.0
 265 22.0 17.0 25.6

