

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
 Data File : BF123361.D
 Acq On : 3 Mar 2021 18:07
 Operator : JU/CG
 Sample : M1545-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-F

Quant Time: Mar 03 23:53:55 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)

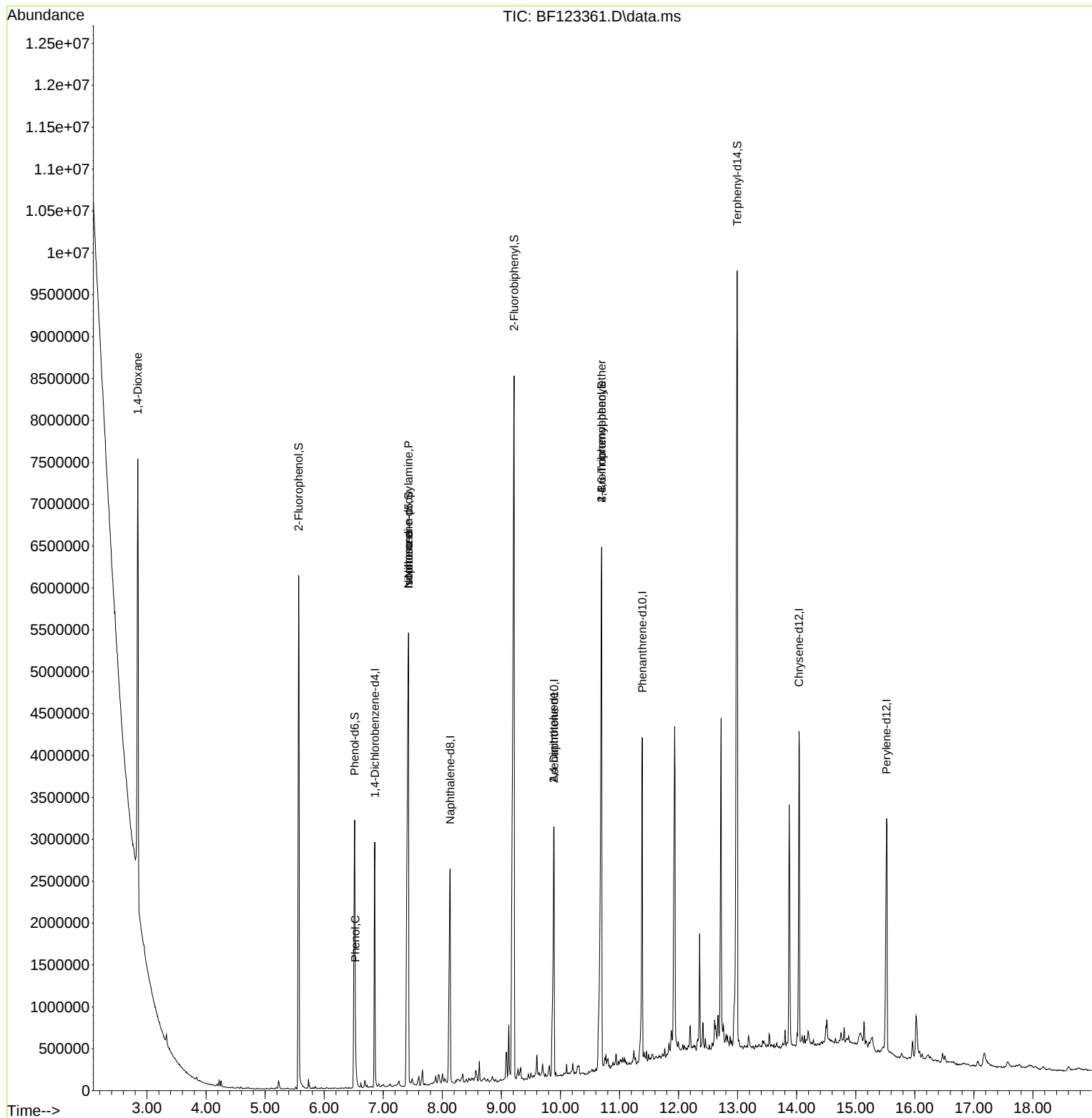
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	448278	20.00	ng	0.01
21) Naphthalene-d8	8.133	136	1838648	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	946032	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1700444	20.00	ng	0.00
76) Chrysene-d12	14.039	240	1470193	20.00	ng	0.00
86) Perylene-d12	15.521	264	1465741	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1905166	61.17	ng	0.10
7) Phenol-d6	6.516	99	1535350	36.29	ng	0.03
23) Nitrobenzene-d5	7.428	82	3379260	84.13	ng	0.01
42) 2,4,6-Tribromophenol	10.698	330	1272878	132.14	ng	0.02
45) 2-Fluorobiphenyl	9.216	172	5046028	76.62	ng	0.00
79) Terphenyl-d14	12.992	244	5126061	67.04	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.846	88	42135	2.34	ng	# 1
9) Benzaldehyde	6.416	77	2638	Below	Cal	91
10) Phenol	6.528	94	150335	3.26	ng	97
19) n-Nitroso-di-n-propyla...	7.428	70	484241	19.24	ng	# 80
25) Isophorone	7.428	82	3042096	40.50	ng	# 65
57) 2,4-Dinitrotoluene	9.886	165	122252	5.58	ng	# 27
67) 4-Bromophenyl-phenylether	10.698	248	89782	4.84	ng	# 1

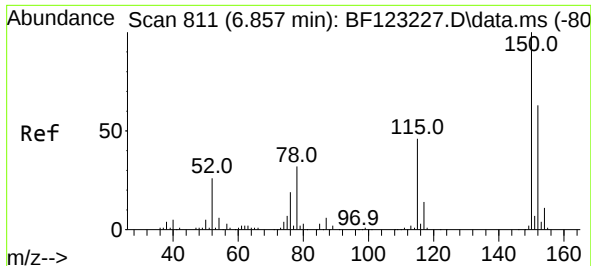
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 03 13:18:24 2021
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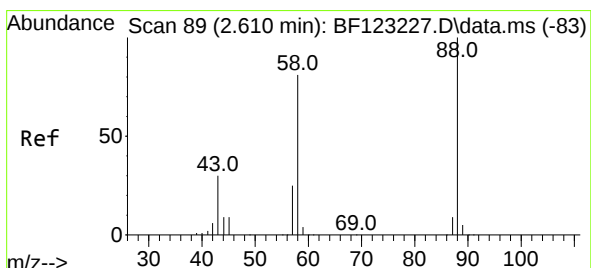
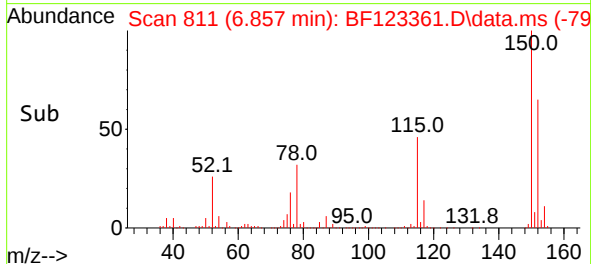
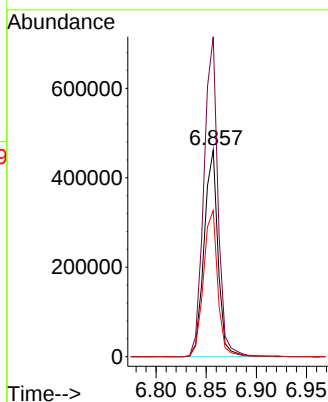
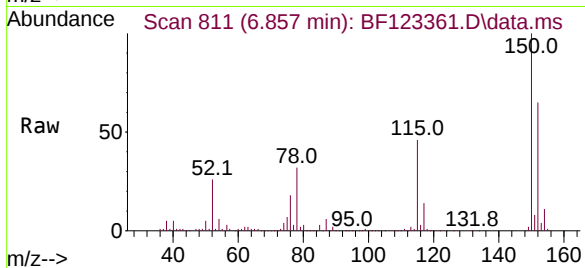




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.012 min
Lab File: BF123361.D
Acq: 3 Mar 2021 18:07

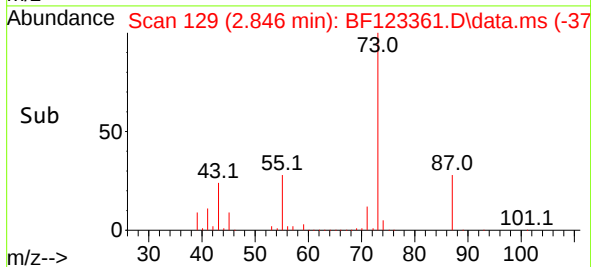
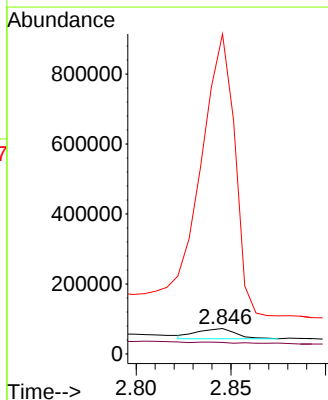
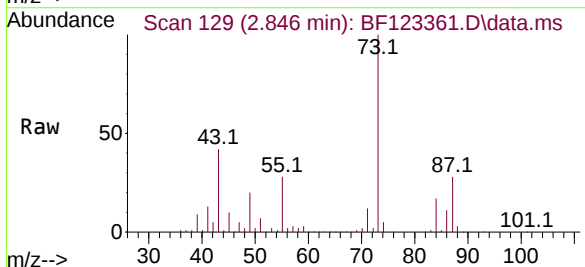
Instrument :
BNA_F
ClientSampled :
MH-F

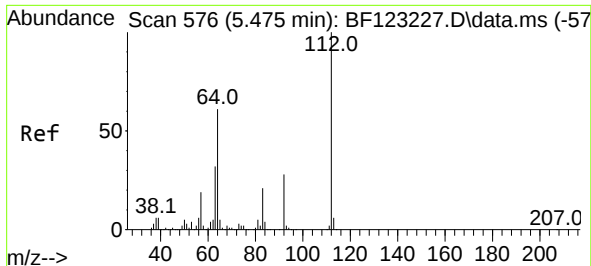
Tgt Ion:152 Resp: 448278
Ion Ratio Lower Upper
152 100
150 154.7 125.8 188.6
115 70.7 49.3 73.9



#2
1,4-Dioxane
Concen: 2.34 ng
RT: 2.846 min Scan# 129
Delta R.T. 0.241 min
Lab File: BF123361.D
Acq: 3 Mar 2021 18:07

Tgt Ion: 88 Resp: 42135
Ion Ratio Lower Upper
88 100
58 0.0 56.2 84.2#
43 2540.5 21.8 32.6#

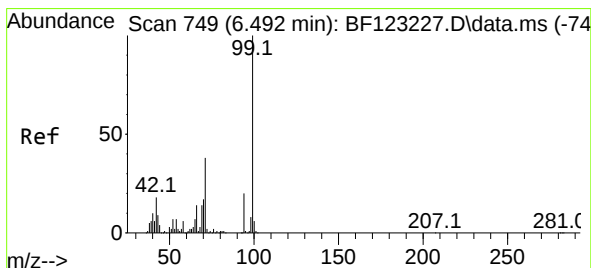
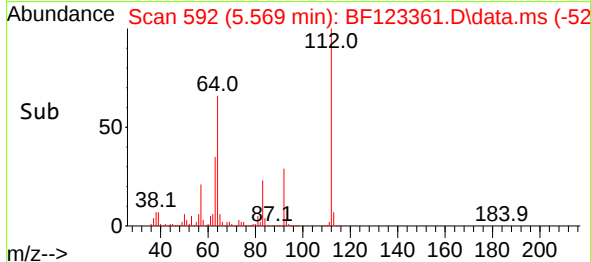
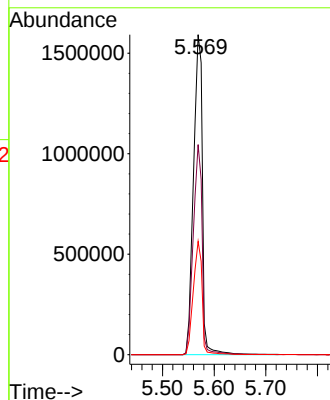
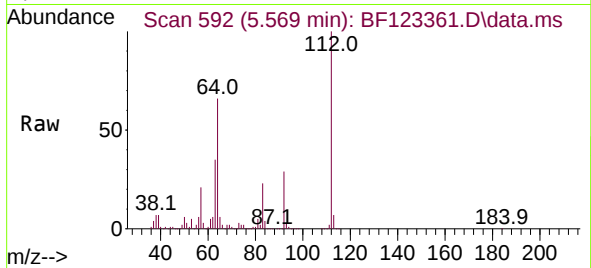




#5
2-Fluorophenol
Concen: 61.17 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.100 min
Lab File: BF123361.D
Acq: 3 Mar 2021 18:07

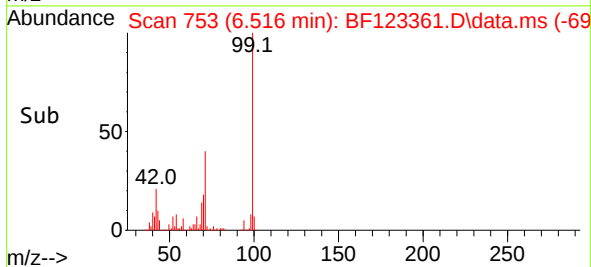
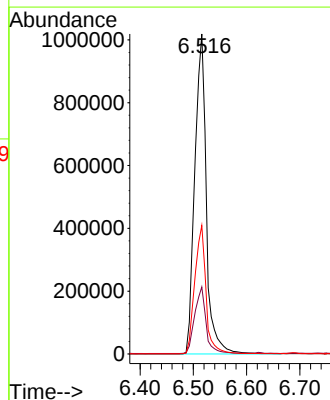
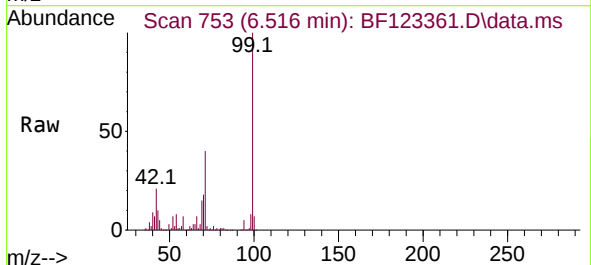
Instrument :
BNA_F
ClientSampleId :
MH-F

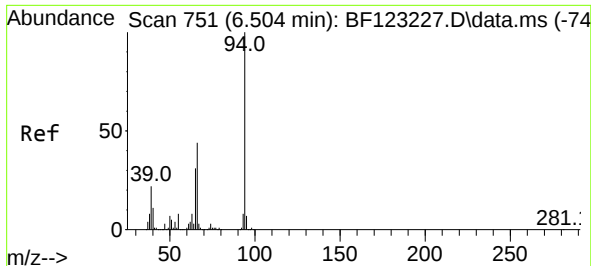
Tgt Ion:112 Resp: 1905166
Ion Ratio Lower Upper
112 100
64 65.7 46.9 70.3
63 35.4 24.5 36.7



#7
Phenol-d6
Concen: 36.29 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.029 min
Lab File: BF123361.D
Acq: 3 Mar 2021 18:07

Tgt Ion: 99 Resp: 1535350
Ion Ratio Lower Upper
99 100
42 21.0 13.8 20.6#
71 40.2 26.9 40.3

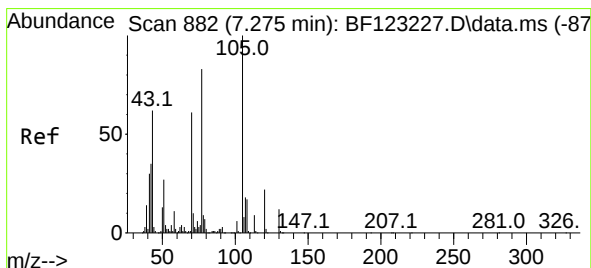
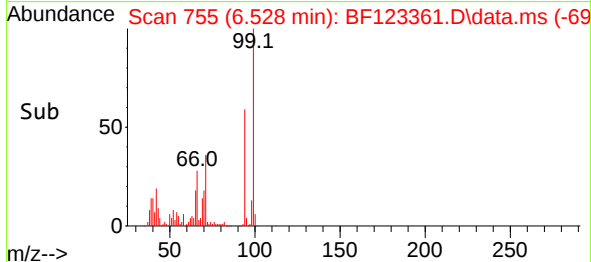
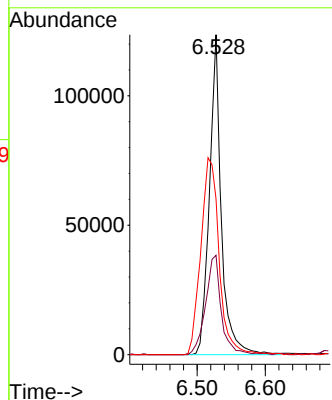
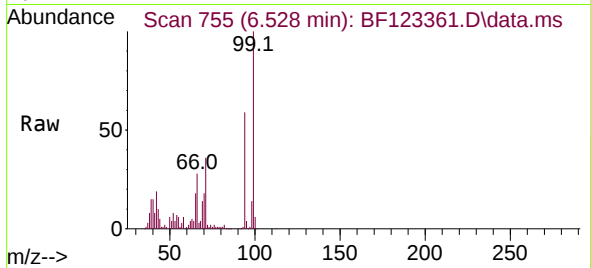




#10
Phenol
Concen: 3.26 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.029 min
Lab File: BF123361.D
Acq: 3 Mar 2021 18:07

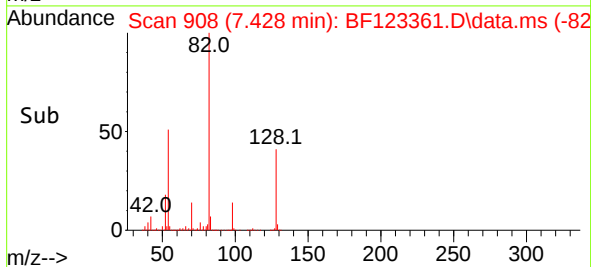
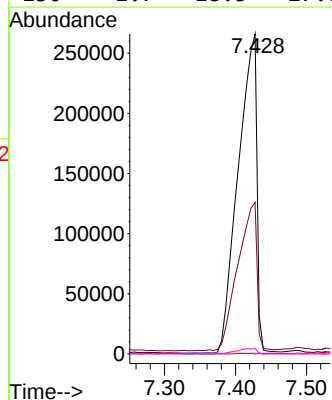
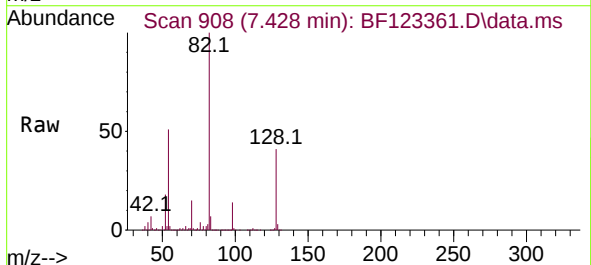
Instrument :
BNA_F
ClientSampleId :
MH-F

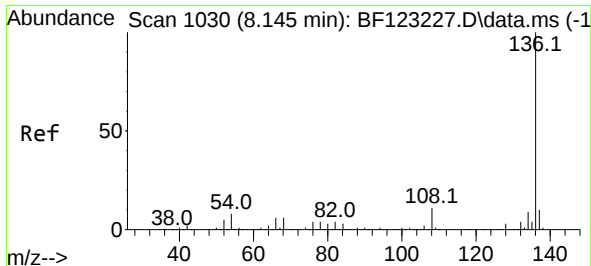
Tgt Ion: 94 Resp: 150335
Ion Ratio Lower Upper
94 100
65 31.0 11.2 51.2
66 48.6 25.8 65.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.24 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.165 min
Lab File: BF123361.D
Acq: 3 Mar 2021 18:07

Tgt Ion: 70 Resp: 484241
Ion Ratio Lower Upper
70 100
42 47.4 43.0 64.4
101 0.0 7.9 11.9#
130 1.7 18.5 27.7#

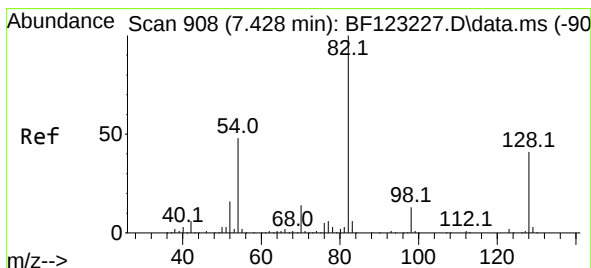
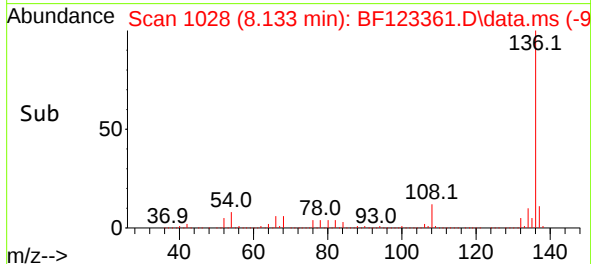
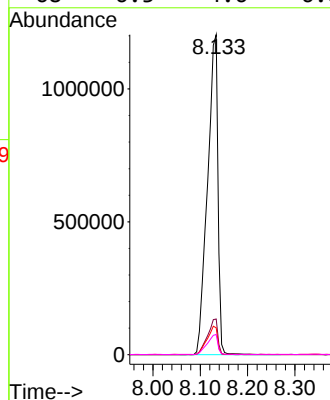
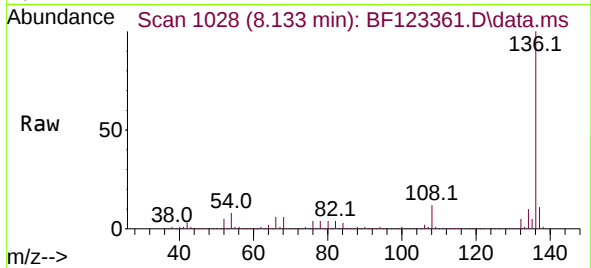




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BF123361.D
Acq: 3 Mar 2021 18:07

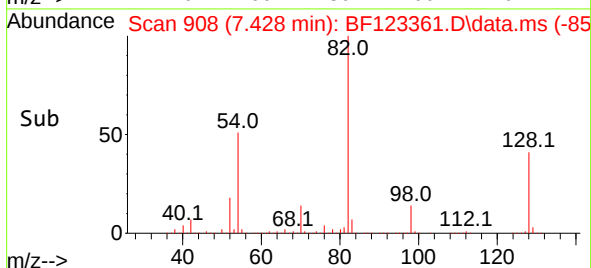
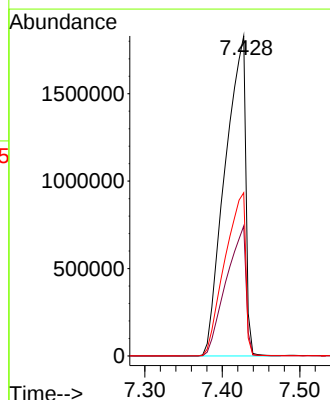
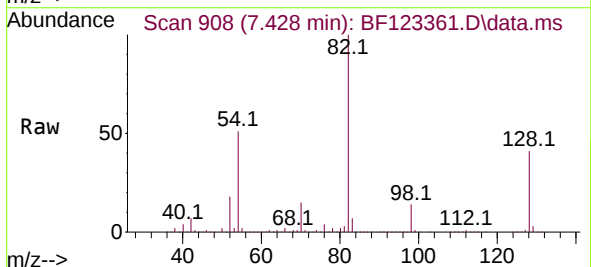
Instrument :
BNA_F
ClientSampleId :
MH-F

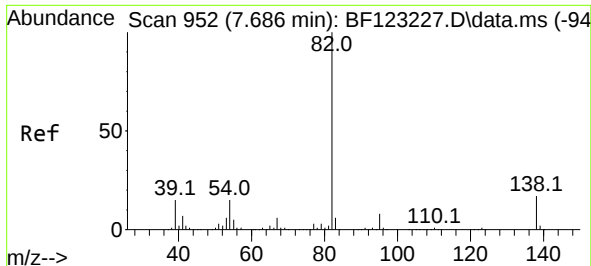
Tgt Ion:136 Resp: 1838648
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.4 5.5 8.3#
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 84.13 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.012 min
Lab File: BF123361.D
Acq: 3 Mar 2021 18:07

Tgt Ion: 82 Resp: 3379260
Ion Ratio Lower Upper
82 100
128 40.6 37.0 55.4
54 51.0 38.4 57.6

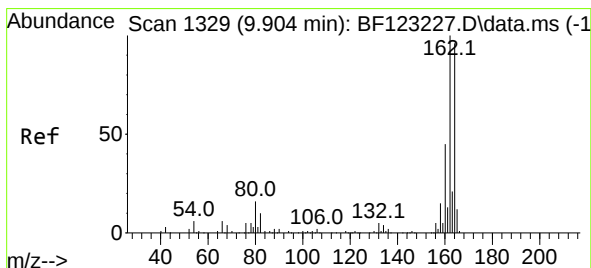
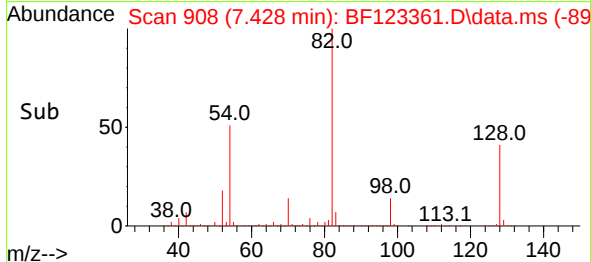
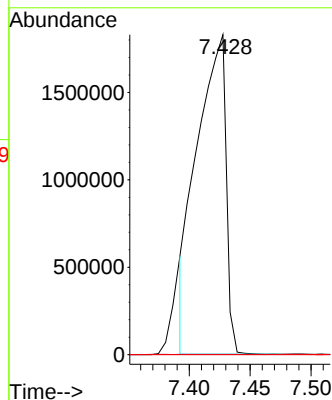
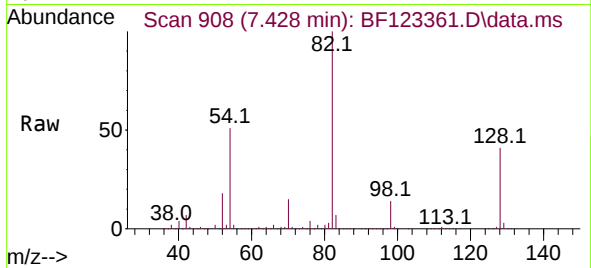




#25
Isophorone
Concen: 40.50 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.247 min
Lab File: BF123361.D
Acq: 3 Mar 2021 18:07

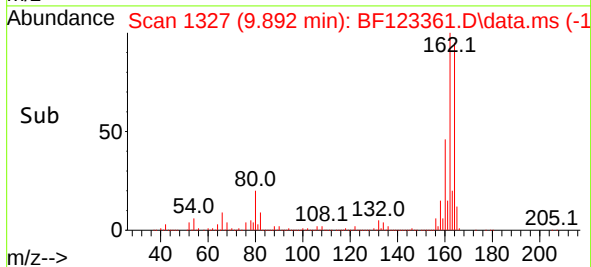
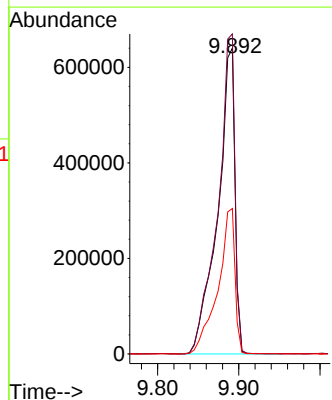
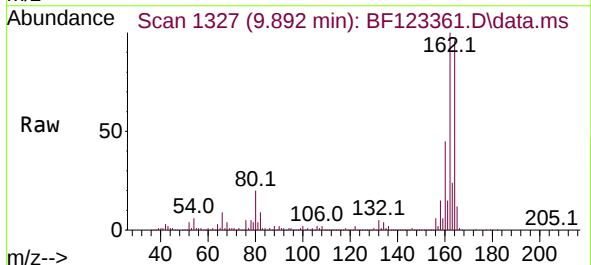
Instrument :
BNA_F
ClientSampleId :
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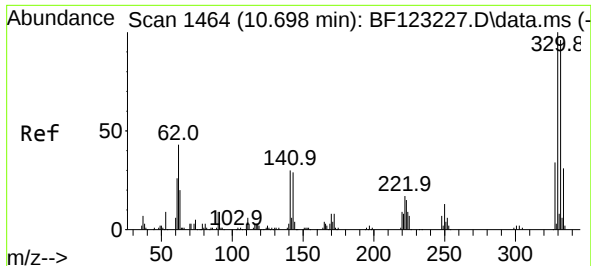
Tgt Ion: 82 Resp: 3042096
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF123361.D
Acq: 3 Mar 2021 18:07

Tgt Ion:164 Resp: 946032
Ion Ratio Lower Upper
164 100
162 104.7 80.8 121.2
160 47.6 35.4 53.0

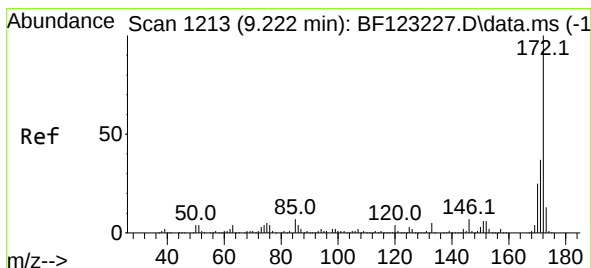
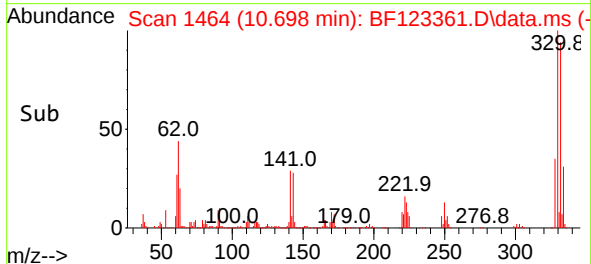
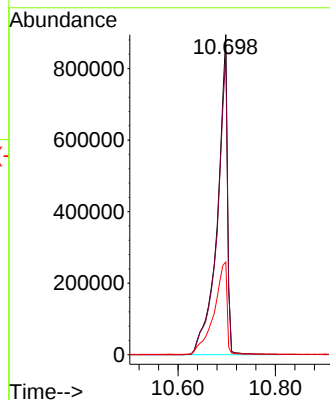
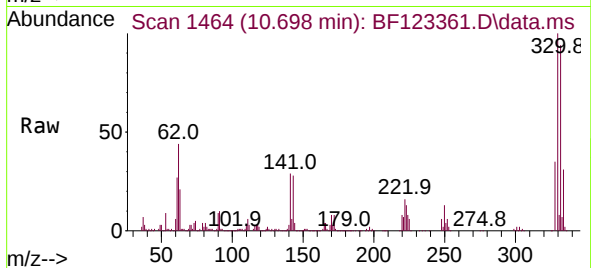




#42
2,4,6-Tribromophenol
Concen: 132.14 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.017 min
Lab File: BF123361.D
Acq: 3 Mar 2021 18:07

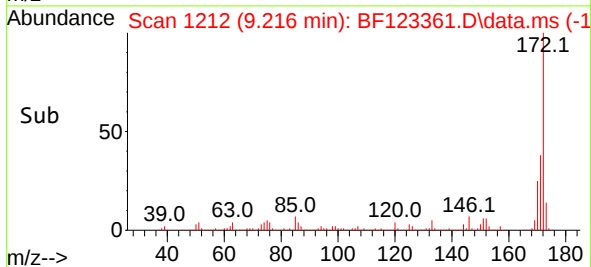
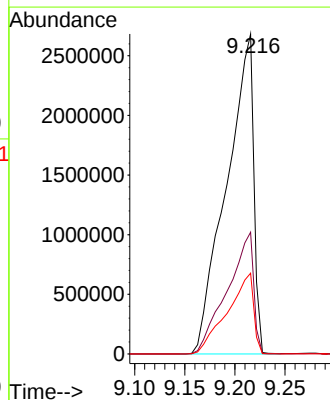
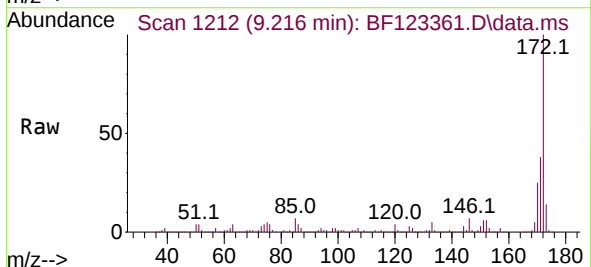
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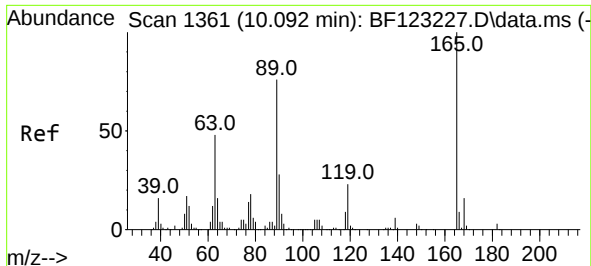
Tgt Ion: 330 Resp: 1272878
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 37.0 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 76.62 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.006 min
Lab File: BF123361.D
Acq: 3 Mar 2021 18:07

Tgt Ion: 172 Resp: 5046028
Ion Ratio Lower Upper
172 100
171 38.1 29.6 44.4
170 25.3 19.5 29.3

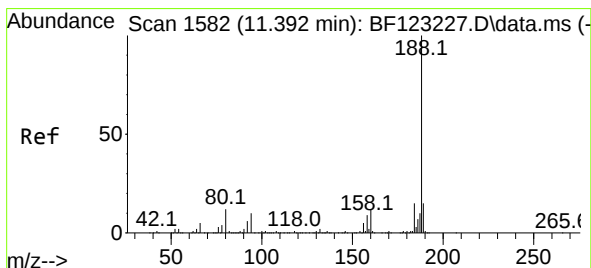
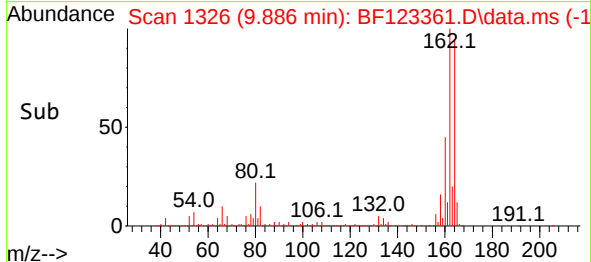
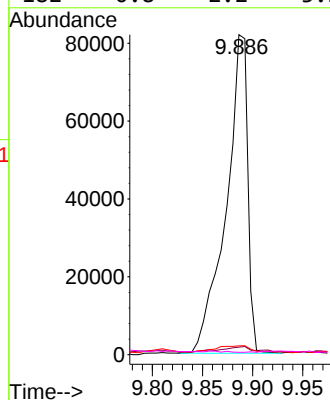
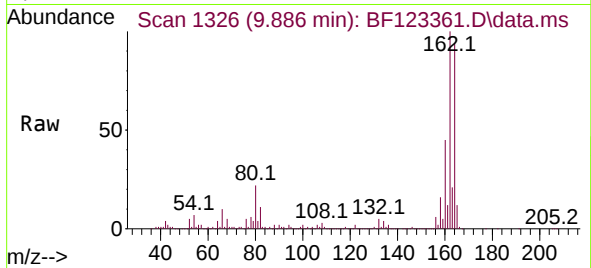




#57
2,4-Dinitrotoluene
Concen: 5.58 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.194 min
Lab File: BF123361.D
Acq: 3 Mar 2021 18:07

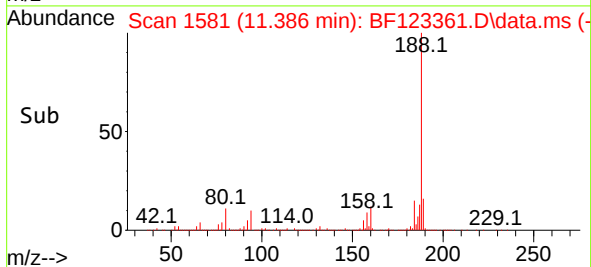
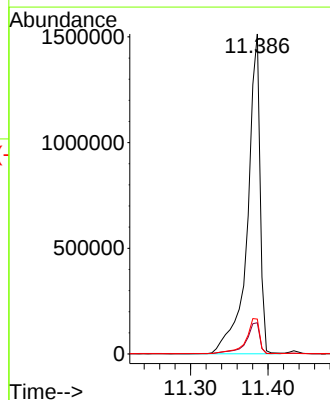
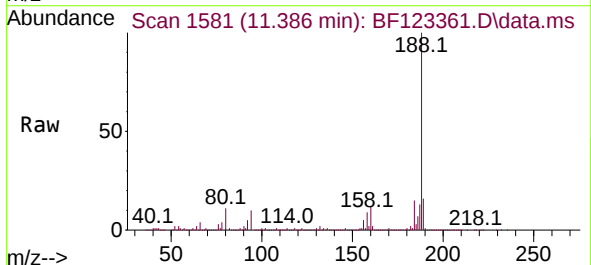
Instrument :
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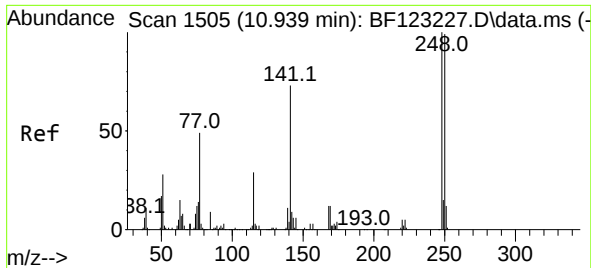
Tgt Ion:165 Resp: 122252
Ion Ratio Lower Upper
165 100
63 2.3 34.3 51.5#
89 2.8 55.2 82.8#
182 0.8 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF123361.D
Acq: 3 Mar 2021 18:07

Tgt Ion:188 Resp: 1700444
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.9 8.2 12.4

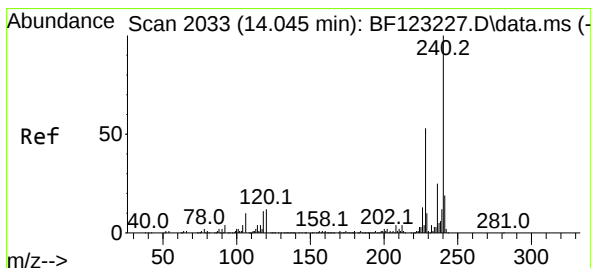
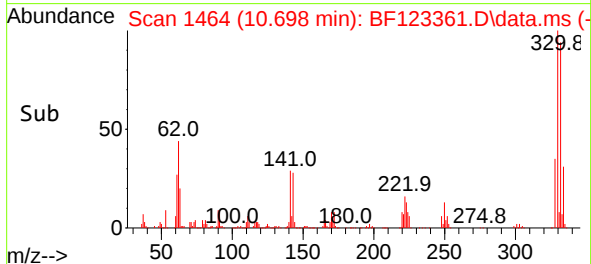
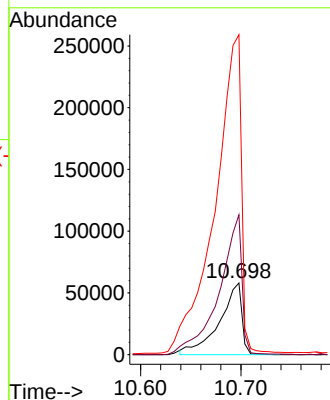
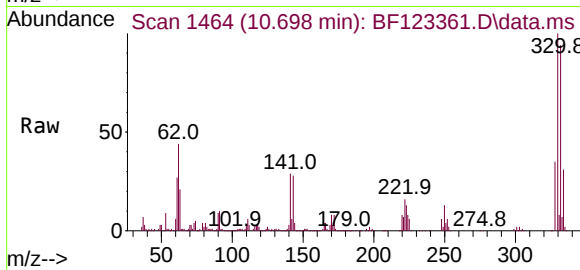




#67
4-Bromophenyl-phenylether
Concen: 4.84 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.224 min
Lab File: BF123361.D
Acq: 3 Mar 2021 18:07

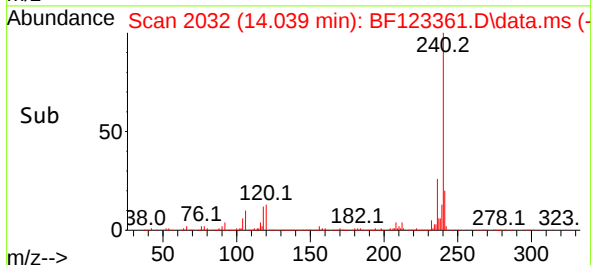
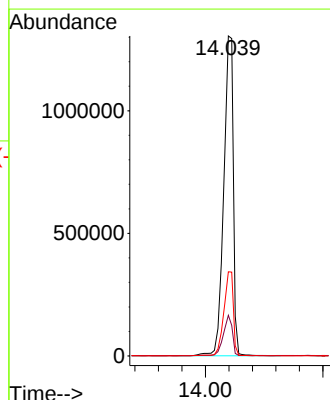
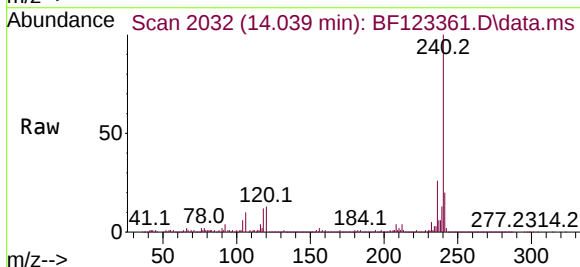
Instrument :
BNA_F
ClientSampleId :
MH-F

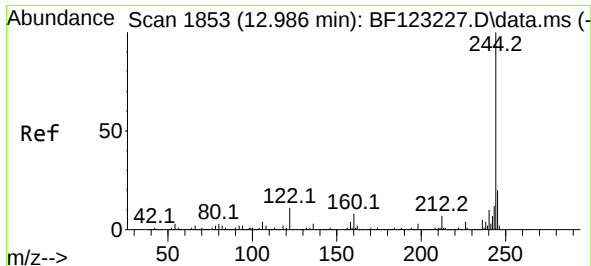
Tgt Ion:248 Resp: 89782
Ion Ratio Lower Upper
248 100
250 195.2 76.8 115.2#
141 446.4 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF123361.D
Acq: 3 Mar 2021 18:07

Tgt Ion:240 Resp: 1470193
Ion Ratio Lower Upper
240 100
120 12.7 8.6 12.8
236 26.3 20.3 30.5

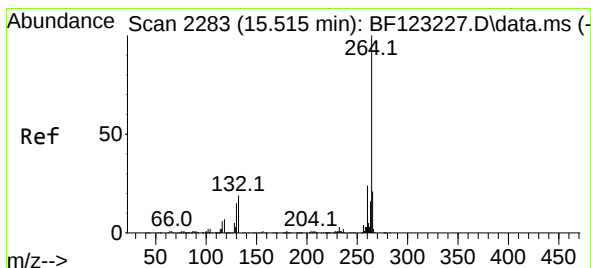
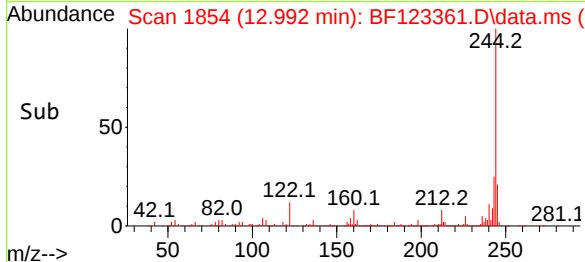
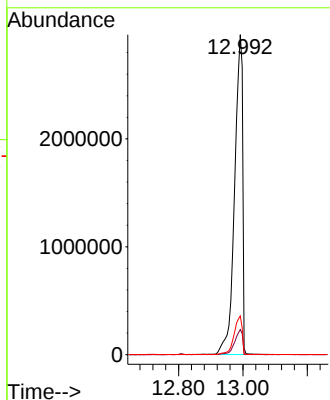
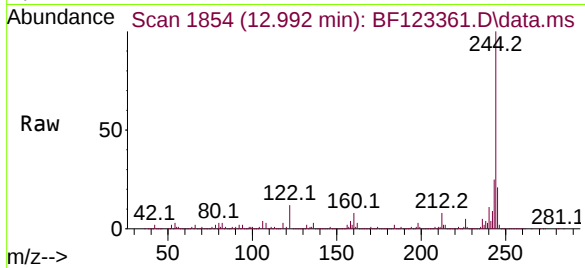




#79
Terphenyl-d14
Concen: 67.04 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.023 min
Lab File: BF123361.D
Acq: 3 Mar 2021 18:07

Instrument :
BNA_F
ClientSampleId :
MH-F

Tgt Ion:244 Resp: 5126061
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 12.1 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.023 min
Lab File: BF123361.D
Acq: 3 Mar 2021 18:07

Tgt Ion:264 Resp: 1465741
Ion Ratio Lower Upper
264 100
260 24.3 18.6 28.0
265 21.8 17.0 25.6

