

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
 Data File : BF123362.D
 Acq On : 3 Mar 2021 18:41
 Operator : JU/CG
 Sample : M1545-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RIM-7.55

Quant Time: Mar 03 23:54:09 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)

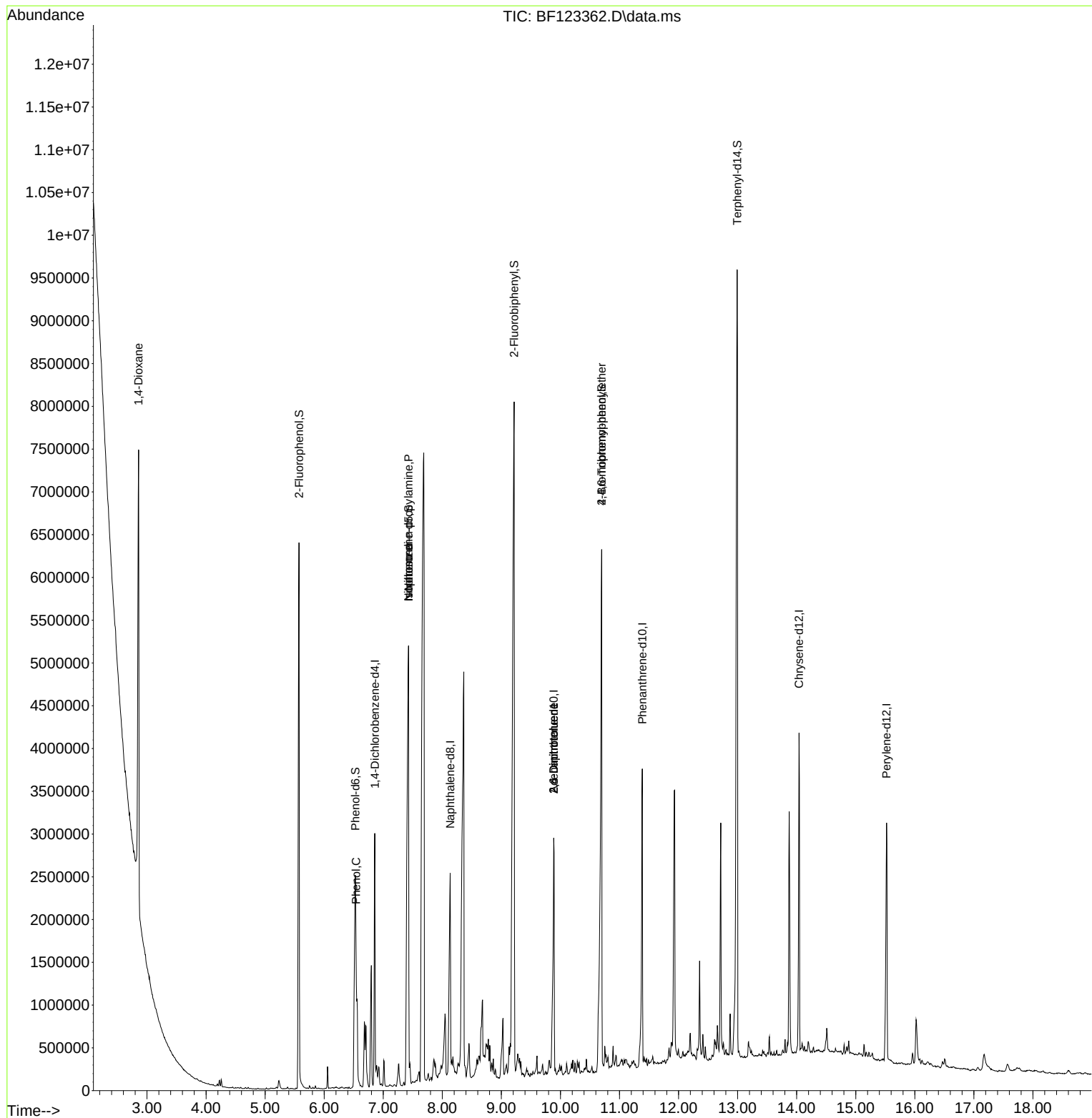
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	428517	20.00	ng	0.01
21) Naphthalene-d8	8.134	136	1736915	20.00	ng	# 0.00
39) Acenaphthene-d10	9.886	164	897250	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1686201	20.00	ng	0.00
76) Chrysene-d12	14.039	240	1429699	20.00	ng	0.00
86) Perylene-d12	15.521	264	1401385	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1944861	65.33	ng	0.11
7) Phenol-d6	6.528	99	1660724	41.06	ng	0.04
23) Nitrobenzene-d5	7.428	82	3341505	88.07	ng	0.01
42) 2,4,6-Tribromophenol	10.698	330	1302972	142.62	ng	0.02
45) 2-Fluorobiphenyl	9.216	172	5089143	81.47	ng	0.00
79) Terphenyl-d14	12.992	244	5289195	71.14	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.857	88	36633	2.13	ng	# 1
9) Benzaldehyde	6.422	77	2453	Below Cal		# 66
10) Phenol	6.540	94	137631	3.12	ng	# 69
19) n-Nitroso-di-n-propyla...	7.428	70	487679	20.27	ng	# 80
25) Isophorone	7.428	82	2999624	42.28	ng	# 65
51) 2,6-Dinitrotoluene	9.886	165	116379	7.53	ng	# 34
57) 2,4-Dinitrotoluene	9.886	165	116379	5.60	ng	# 28
67) 4-Bromophenyl-phenylether	10.698	248	91533	4.98	ng	# 1

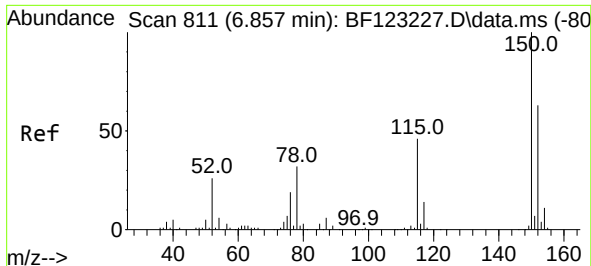
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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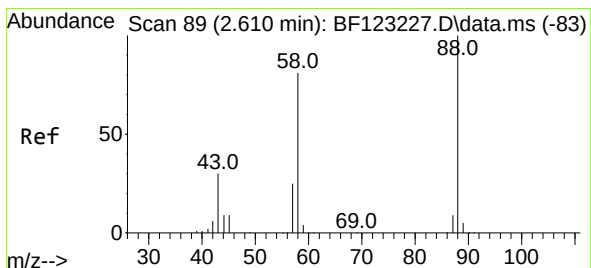
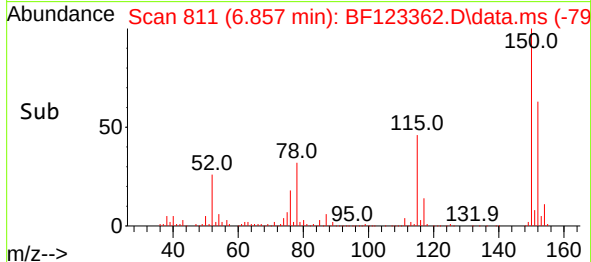
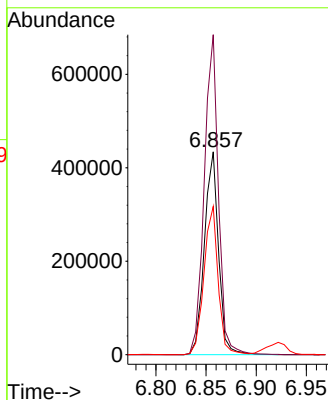
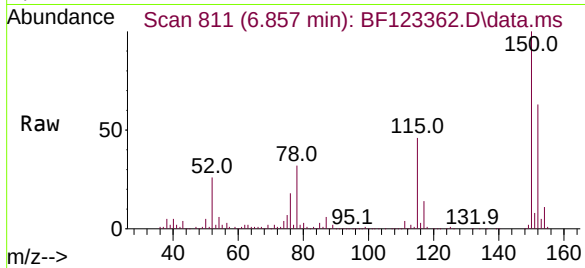




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.857 min Scan# 811
 Delta R.T. 0.012 min
 Lab File: BF123362.D
 Acq: 3 Mar 2021 18:41

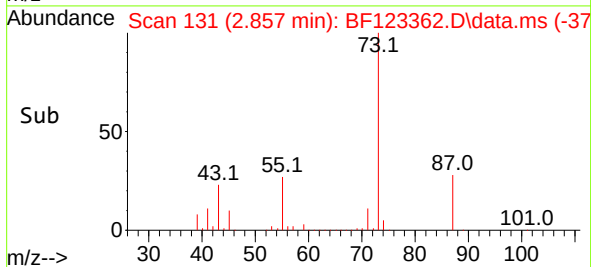
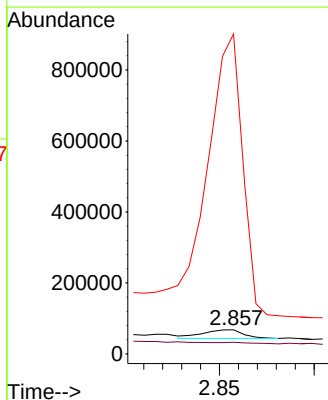
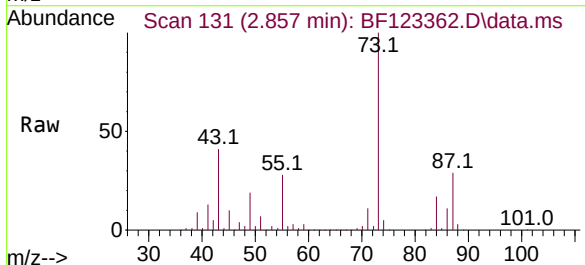
Instrument :
 BNA_F
 ClientSampled :
 RIM-7.55

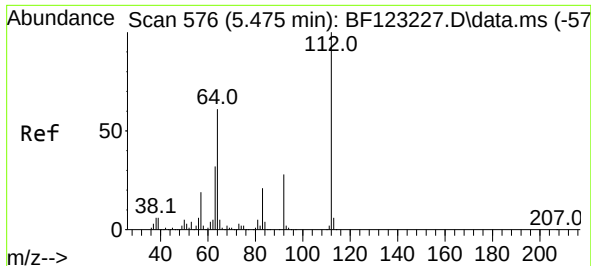
Tgt Ion:152 Resp: 428517
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.8 188.6
 115 73.0 49.3 73.9



#2
 1,4-Dioxane
 Concen: 2.13 ng
 RT: 2.857 min Scan# 131
 Delta R.T. 0.253 min
 Lab File: BF123362.D
 Acq: 3 Mar 2021 18:41

Tgt Ion: 88 Resp: 36633
 Ion Ratio Lower Upper
 88 100
 58 0.0 56.2 84.2#
 43 2913.1 21.8 32.6#

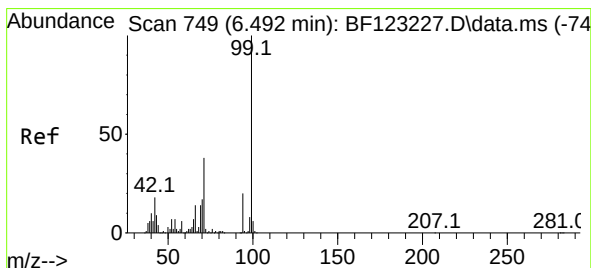
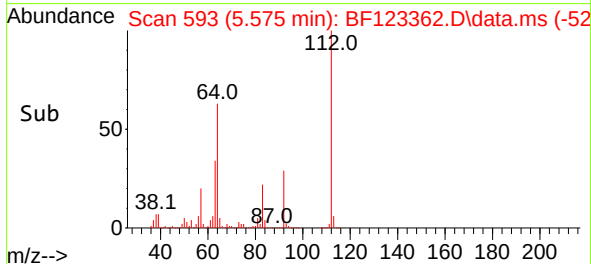
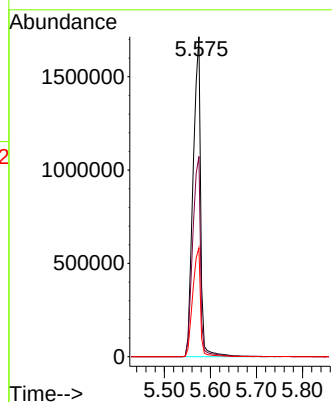
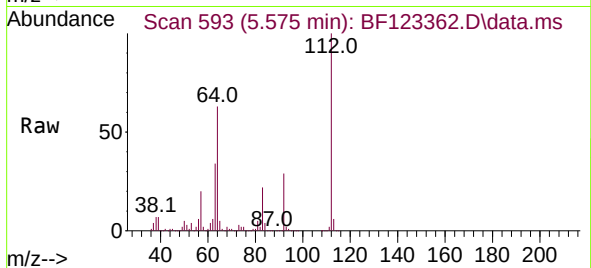




#5
2-Fluorophenol
Concen: 65.33 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.106 min
Lab File: BF123362.D
Acq: 3 Mar 2021 18:41

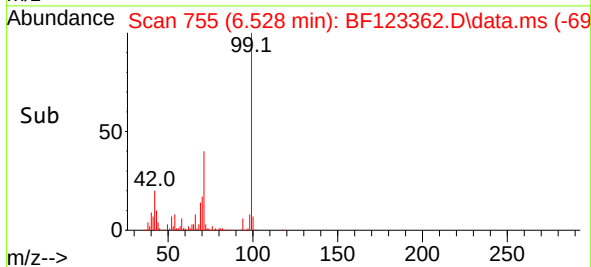
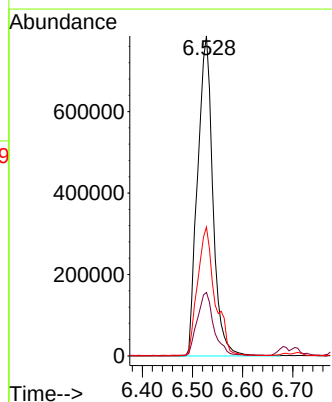
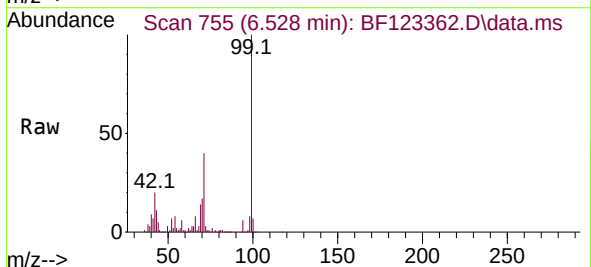
Instrument :
BNA_F
ClientSampleId :
RIM-7.55

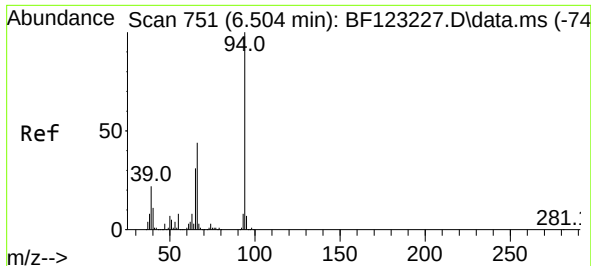
Tgt Ion:112 Resp: 1944861
Ion Ratio Lower Upper
112 100
64 62.6 46.9 70.3
63 34.0 24.5 36.7



#7
Phenol-d6
Concen: 41.06 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.041 min
Lab File: BF123362.D
Acq: 3 Mar 2021 18:41

Tgt Ion: 99 Resp: 1660724
Ion Ratio Lower Upper
99 100
42 19.9 13.8 20.6
71 40.3 26.9 40.3

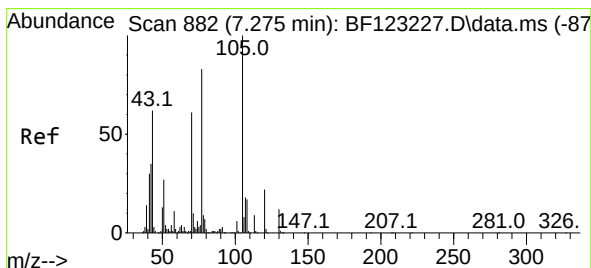
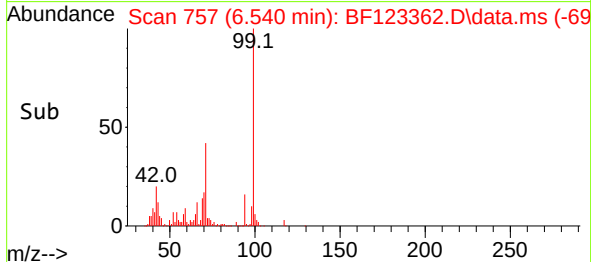
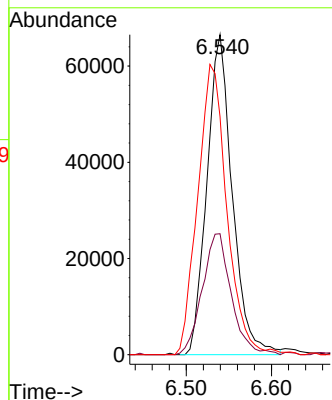
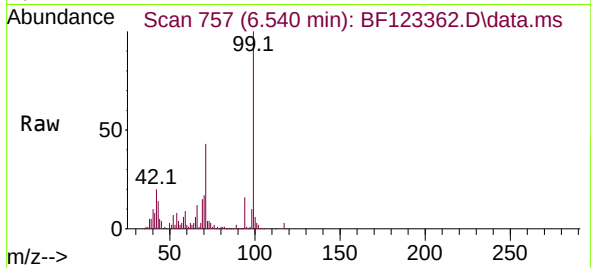




#10
Phenol
Concen: 3.12 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.041 min
Lab File: BF123362.D
Acq: 3 Mar 2021 18:41

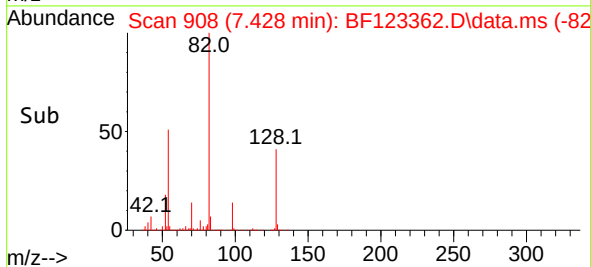
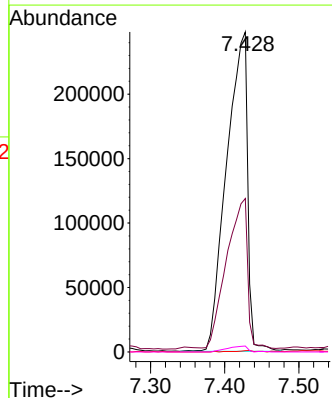
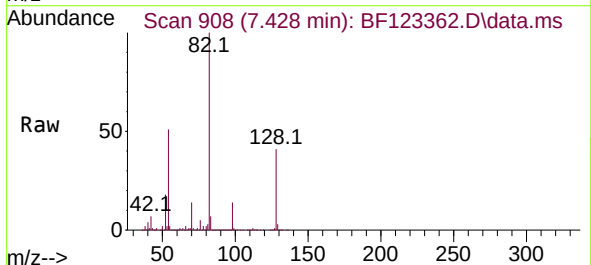
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BNA_F
ClientSampled :
RIM-7.55

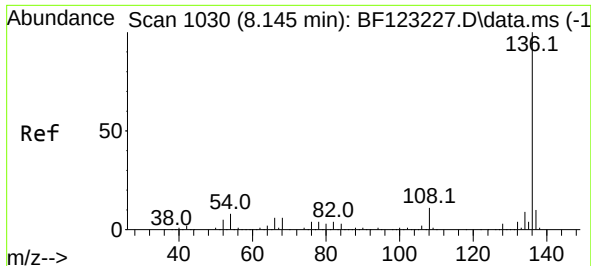
Tgt Ion: 94 Resp: 137631
Ion Ratio Lower Upper
94 100
65 37.8 11.2 51.2
66 74.3 25.8 65.8#



#19
n-Nitroso-di-n-propylamine
Concen: 20.27 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.165 min
Lab File: BF123362.D
Acq: 3 Mar 2021 18:41

Tgt Ion: 70 Resp: 487679
Ion Ratio Lower Upper
70 100
42 48.0 43.0 64.4
101 0.4 7.9 11.9#
130 1.9 18.5 27.7#

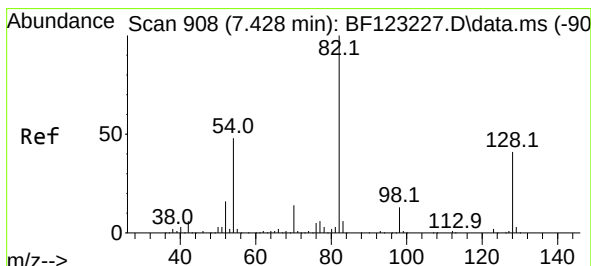
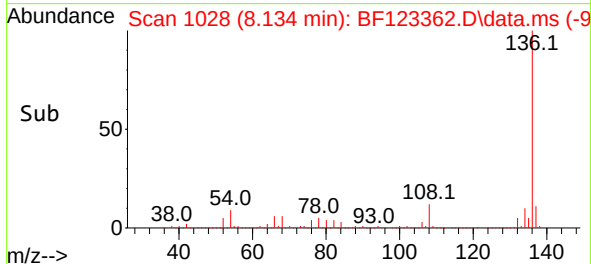
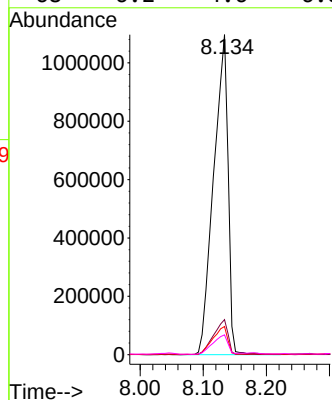
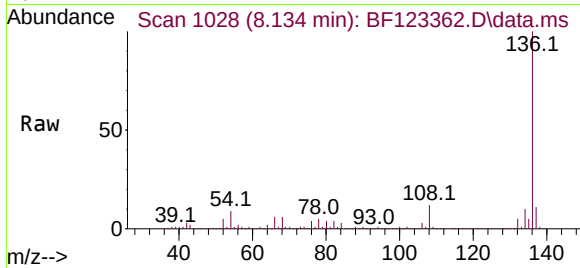




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BF123362.D
Acq: 3 Mar 2021 18:41

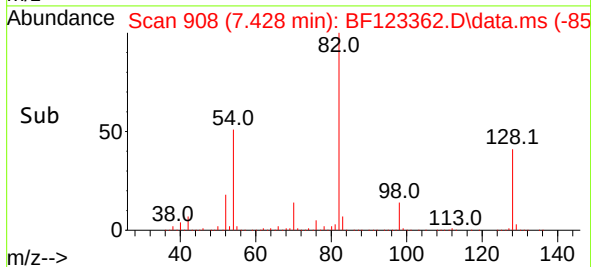
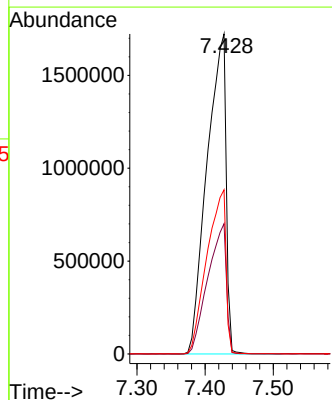
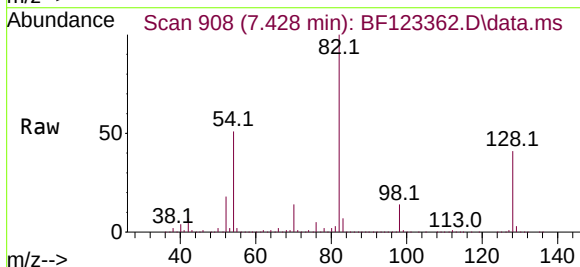
Instrument :
BNA_F
ClientSampled :
RIM-7.55

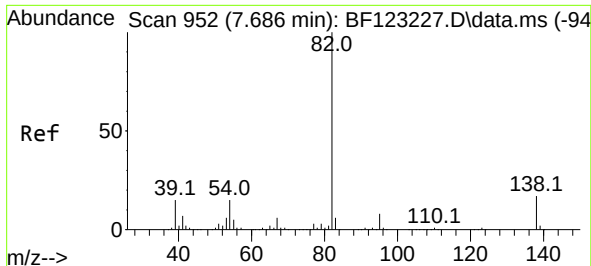
Tgt Ion:136 Resp: 1736915
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.8 5.5 8.3#
68 6.2 4.6 6.8



#23
Nitrobenzene-d5
Concen: 88.07 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.012 min
Lab File: BF123362.D
Acq: 3 Mar 2021 18:41

Tgt Ion: 82 Resp: 3341505
Ion Ratio Lower Upper
82 100
128 40.7 37.0 55.4
54 51.3 38.4 57.6

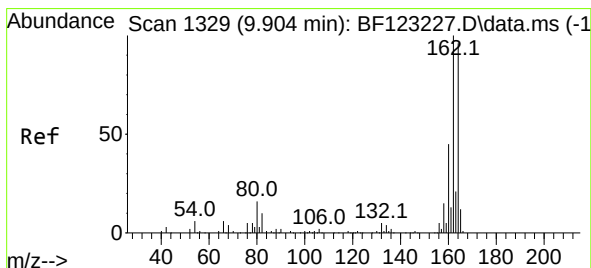
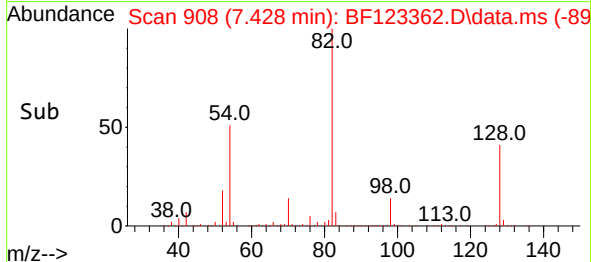
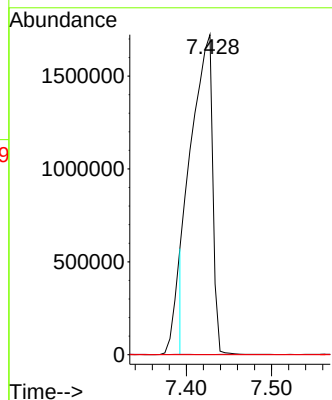
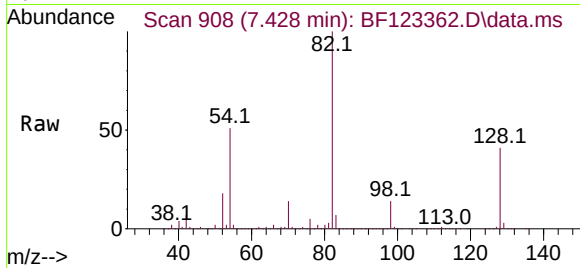




#25
Isophorone
Concen: 42.28 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.247 min
Lab File: BF123362.D
Acq: 3 Mar 2021 18:41

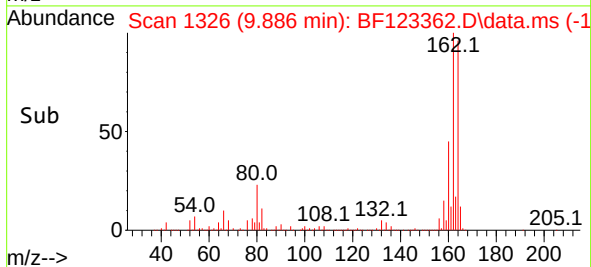
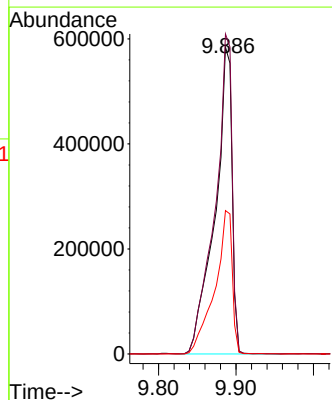
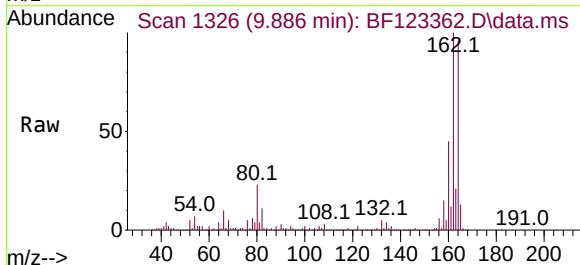
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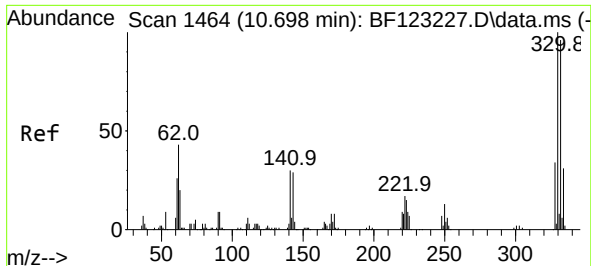
Tgt Ion: 82 Resp: 2999624
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF123362.D
Acq: 3 Mar 2021 18:41

Tgt Ion:164 Resp: 897250
Ion Ratio Lower Upper
164 100
162 104.2 80.8 121.2
160 46.7 35.4 53.0

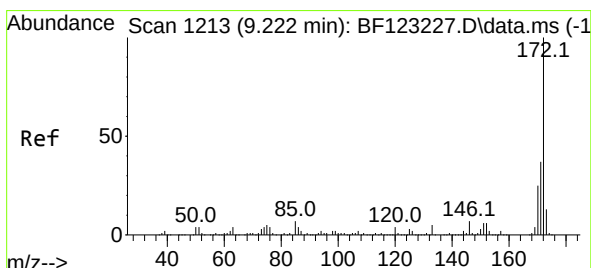
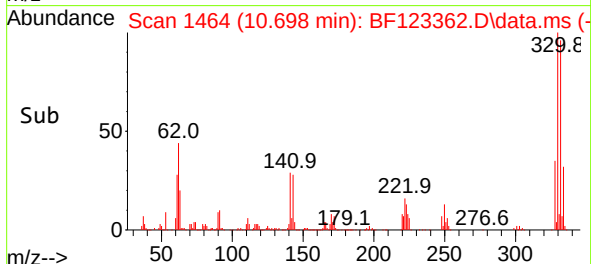
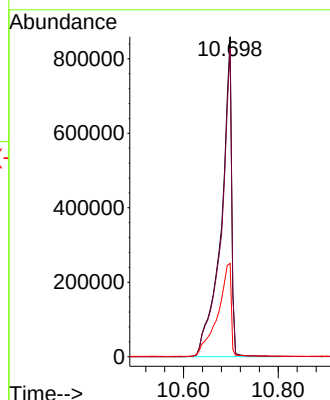
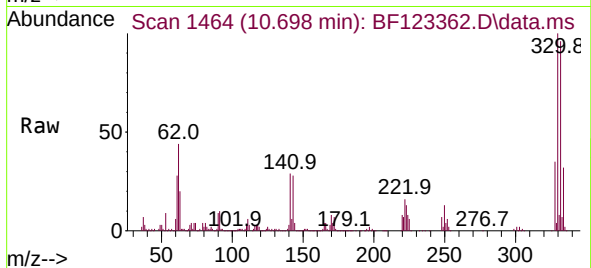




#42
2,4,6-Tribromophenol
Concen: 142.62 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.018 min
Lab File: BF123362.D
Acq: 3 Mar 2021 18:41

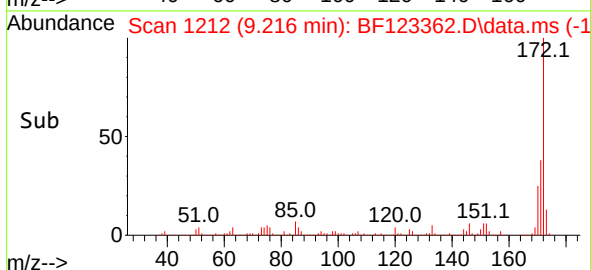
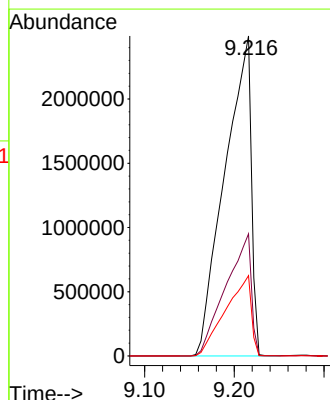
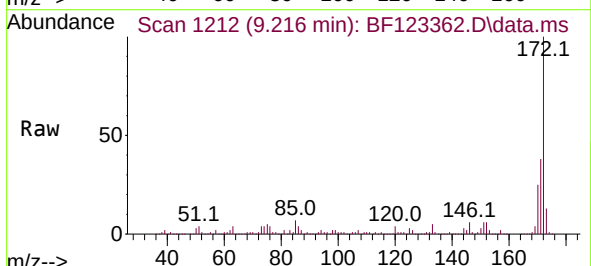
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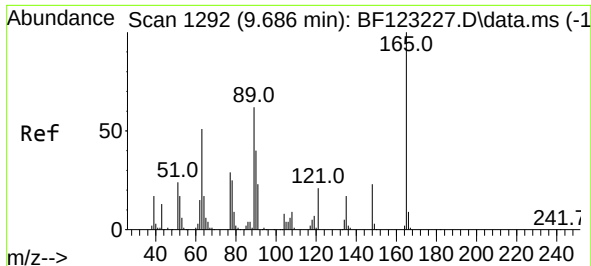
Tgt Ion:330 Resp: 1302972
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 37.6 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 81.47 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.006 min
Lab File: BF123362.D
Acq: 3 Mar 2021 18:41

Tgt Ion:172 Resp: 5089143
Ion Ratio Lower Upper
172 100
171 38.1 29.6 44.4
170 25.1 19.5 29.3

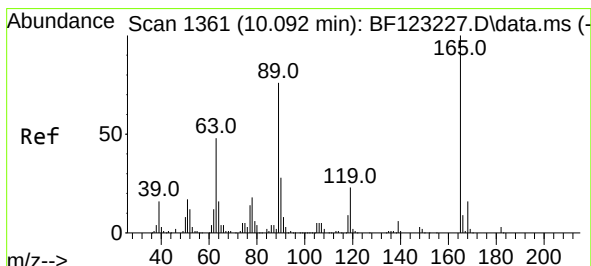
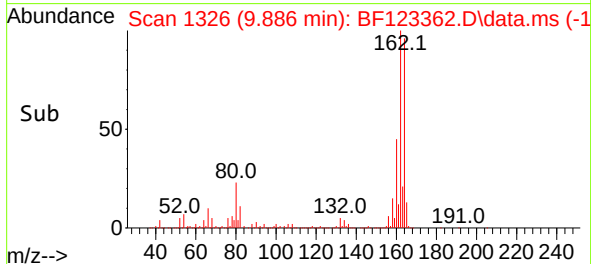
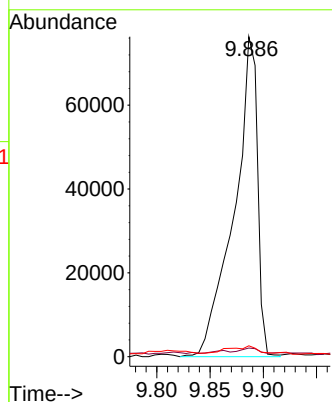
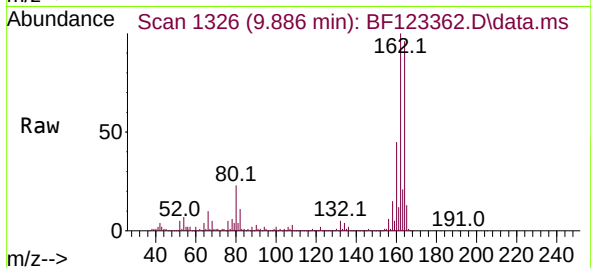




#51
2,6-Dinitrotoluene
Concen: 7.53 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.212 min
Lab File: BF123362.D
Acq: 3 Mar 2021 18:41

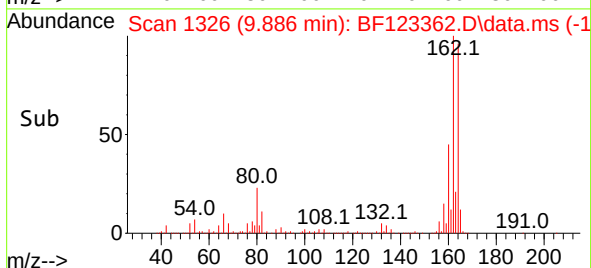
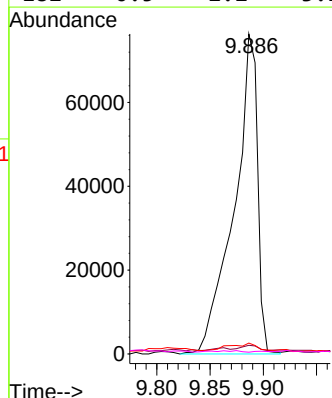
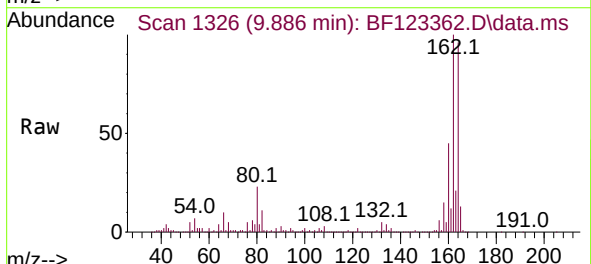
Instrument :
BNA_F
ClientSampled :
RIM-7.55

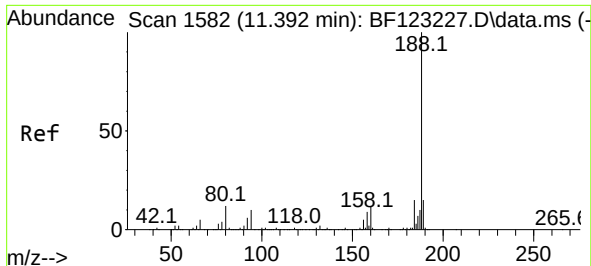
Tgt Ion:165 Resp: 116379
Ion Ratio Lower Upper
165 100
63 2.7 36.6 55.0#
89 3.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.60 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.194 min
Lab File: BF123362.D
Acq: 3 Mar 2021 18:41

Tgt Ion:165 Resp: 116379
Ion Ratio Lower Upper
165 100
63 2.7 34.3 51.5#
89 3.4 55.2 82.8#
182 0.5 2.2 3.2#

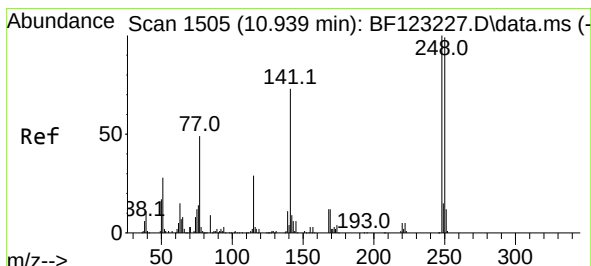
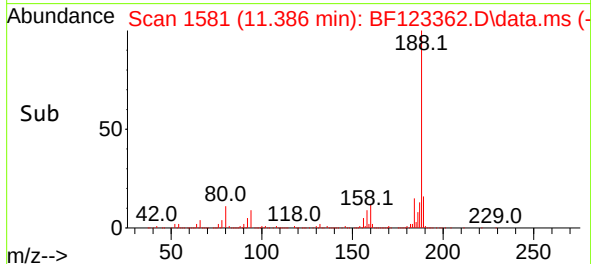
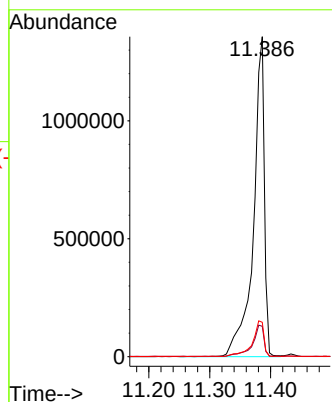
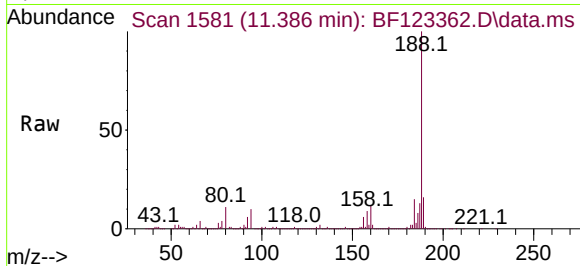




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF123362.D
Acq: 3 Mar 2021 18:41

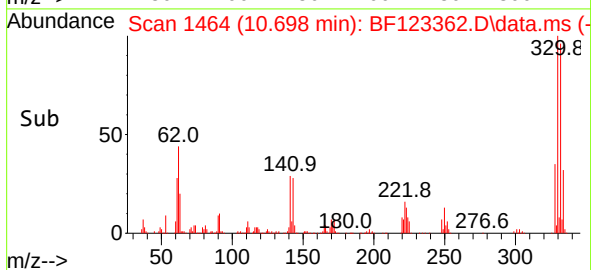
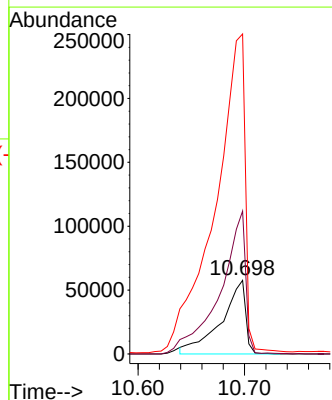
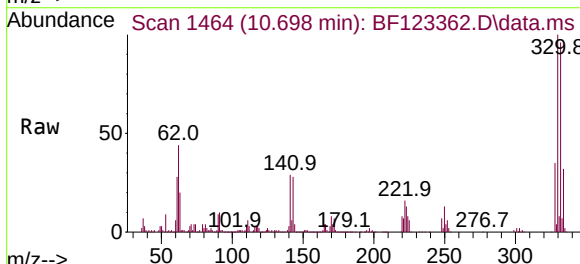
Instrument :
BNA_F
ClientSampled :
RIM-7.55

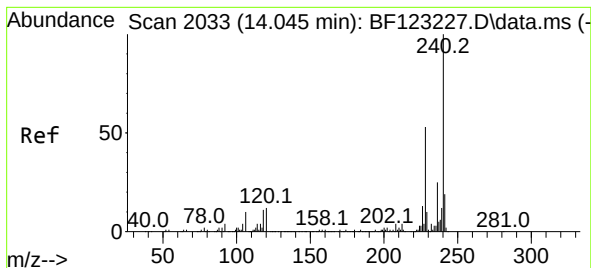
Tgt Ion:188 Resp: 1686201
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.8 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.98 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.224 min
Lab File: BF123362.D
Acq: 3 Mar 2021 18:41

Tgt Ion:248 Resp: 91533
Ion Ratio Lower Upper
248 100
250 194.1 76.8 115.2#
141 434.7 59.8 89.8#

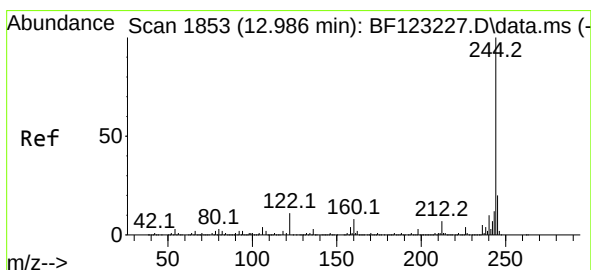
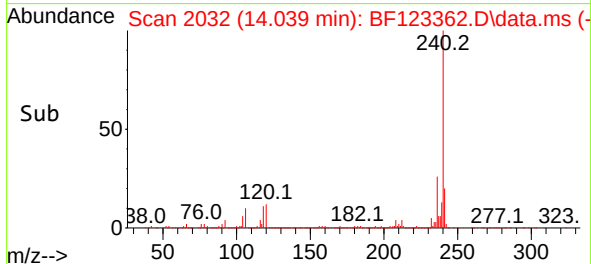
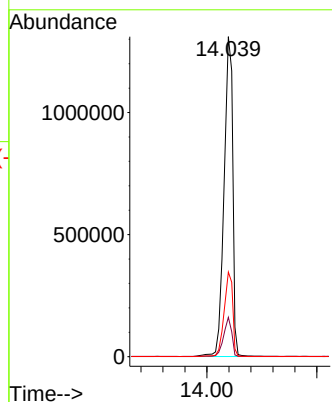
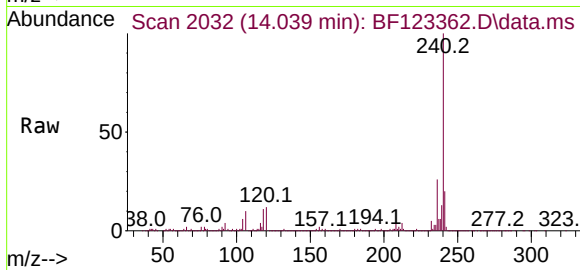




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF123362.D
Acq: 3 Mar 2021 18:41

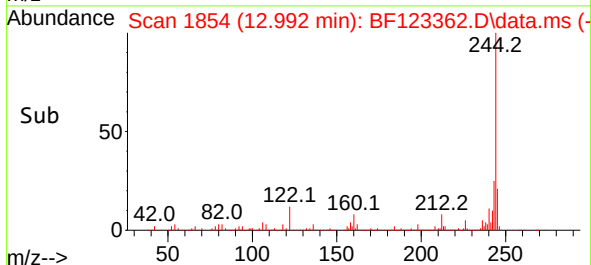
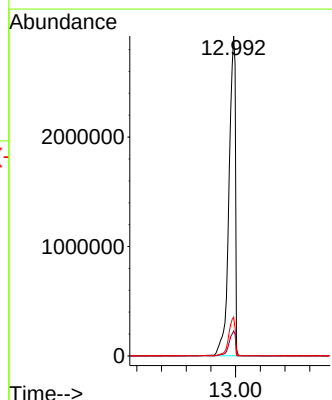
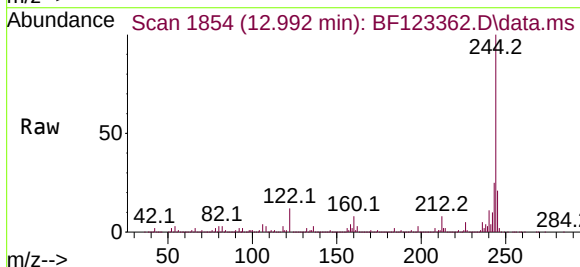
Instrument :
BNA_F
ClientSampleId :
RIM-7.55

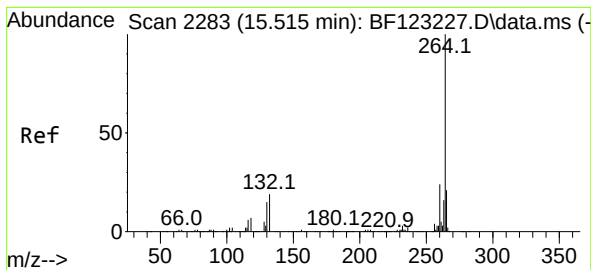
Tgt Ion:240 Resp: 1429699
Ion Ratio Lower Upper
240 100
120 12.3 8.6 12.8
236 26.5 20.3 30.5



#79
Terphenyl-d14
Concen: 71.14 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.023 min
Lab File: BF123362.D
Acq: 3 Mar 2021 18:41

Tgt Ion:244 Resp: 5289195
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 12.2 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: BF123362.D
 Acq: 3 Mar 2021 18:41

Instrument :
 BNA_F
 ClientSampleId :
 RIM-7.55

Tgt Ion:264 Resp: 1401385
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 21.7 17.0 25.6

