

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
 Data File : BF123053.D
 Acq On : 28 Jan 2021 10:56
 Operator : JU/CG
 Sample : PB134359BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134359BL

Quant Time: Jan 28 11:26:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 28 00:48:07 2021
 Response via : Initial Calibration

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

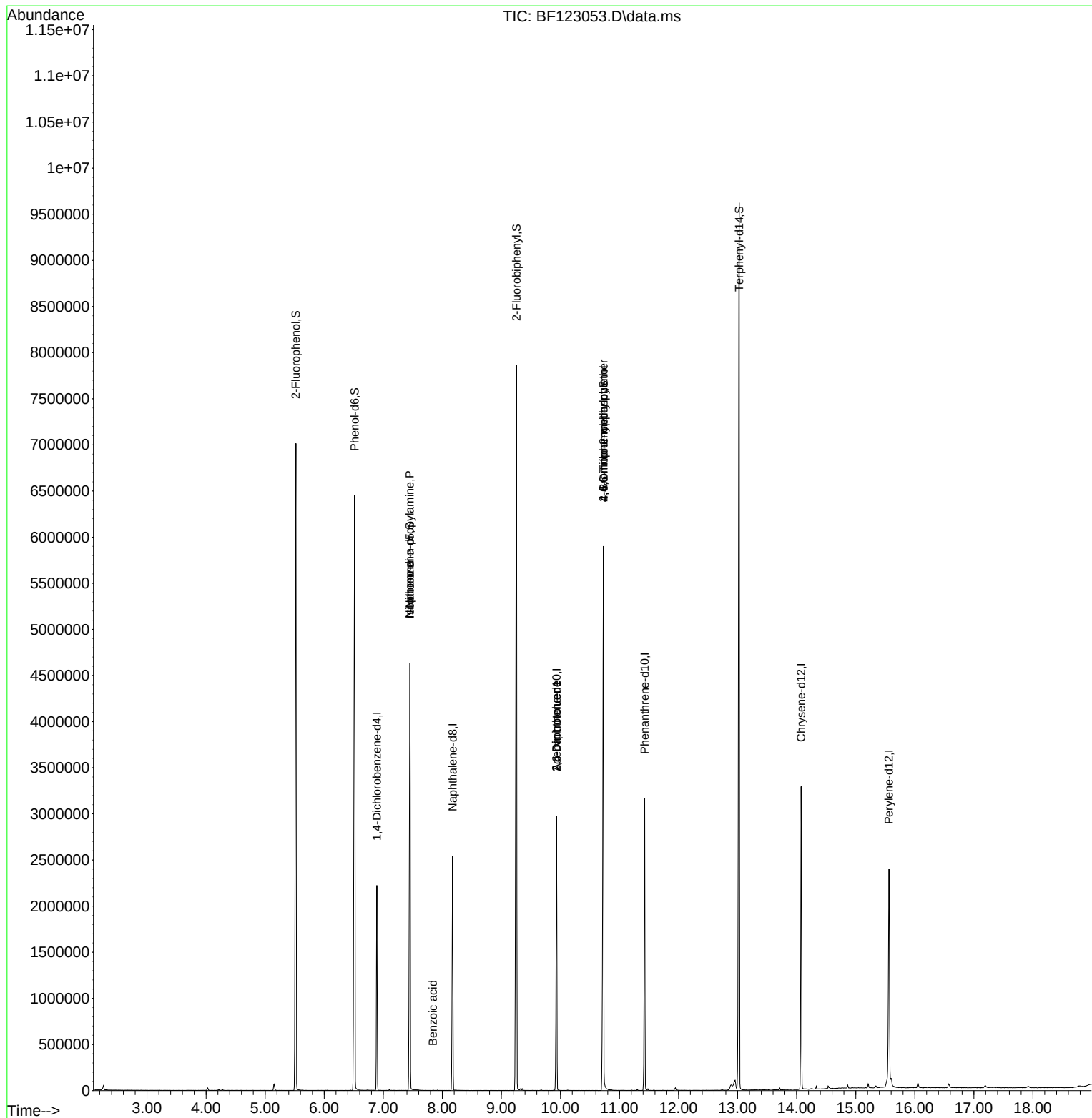
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	307171	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	1204047	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	641144	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	1184757	20.00	ng	0.00
76) Chrysene-d12	14.074	240	1095207	20.00	ng	#-0.01
86) Perylene-d12	15.563	264	1023321	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2239174	112.45	ng	0.02
7) Phenol-d6	6.516	99	2832438	104.94	ng	0.00
23) Nitrobenzene-d5	7.451	82	1821071	76.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	835830	120.09	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	3081304	71.44	ng	0.00
79) Terphenyl-d14	13.027	244	3631965	65.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	244808	15.08	ng	# 80
25) Isophorone	7.451	82	1812563	41.36	ng	# 65
32) Benzoic acid	7.839	122	114	4.92	ng	# 50
51) 2,6-Dinitrotoluene	9.933	165	83700	7.81	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	83700	6.01	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	1961	5.24	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	55024	3.65	ng	# 1

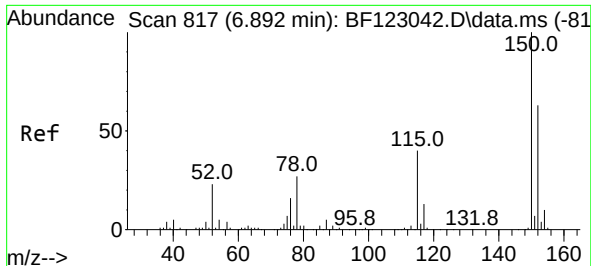
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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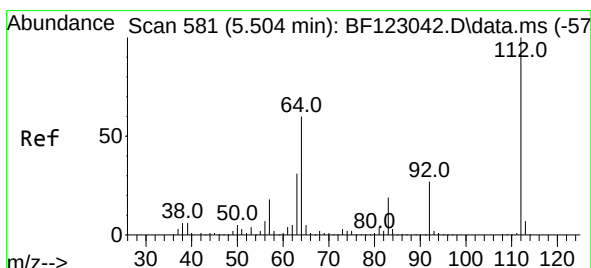
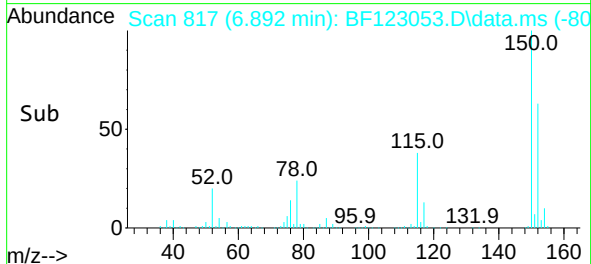
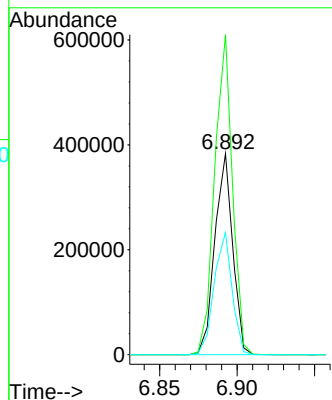
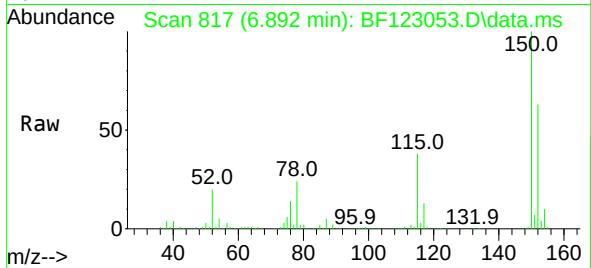




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF123053.D
 Acq: 28 Jan 2021 10:56

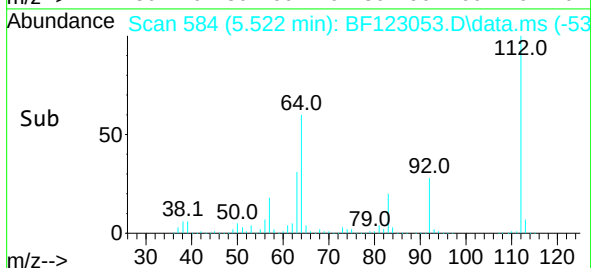
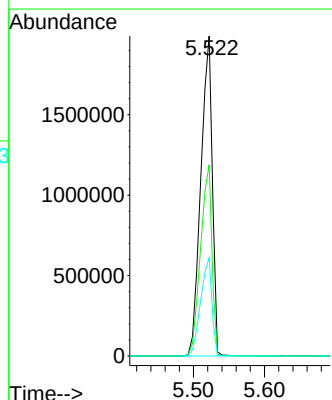
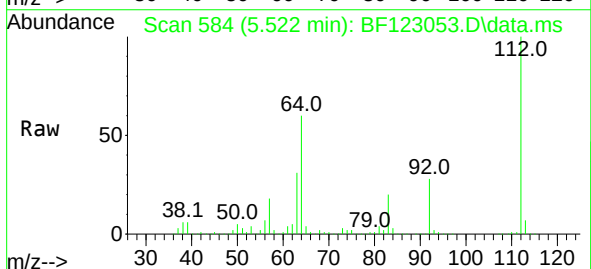
Instrument :
 BNA_F
 ClientSampleId :
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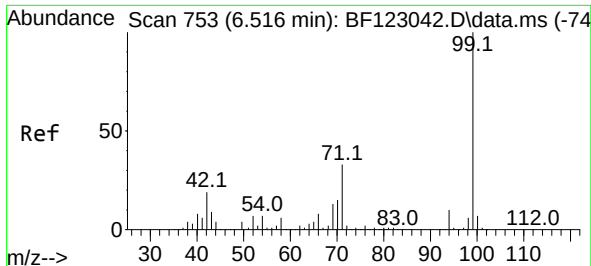
Tgt Ion:152 Resp: 307171
 Ion Ratio Lower Upper
 152 100
 150 159.1 125.8 188.6
 115 60.7 49.3 73.9



#5
 2-Fluorophenol
 Concen: 112.45 ng
 RT: 5.522 min Scan# 584
 Delta R.T. 0.018 min
 Lab File: BF123053.D
 Acq: 28 Jan 2021 10:56

Tgt Ion:112 Resp: 2239174
 Ion Ratio Lower Upper
 112 100
 64 59.8 46.9 70.3
 63 30.7 24.5 36.7

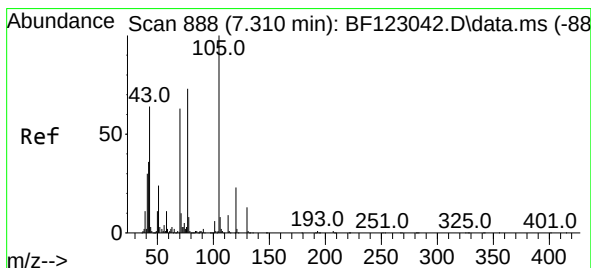
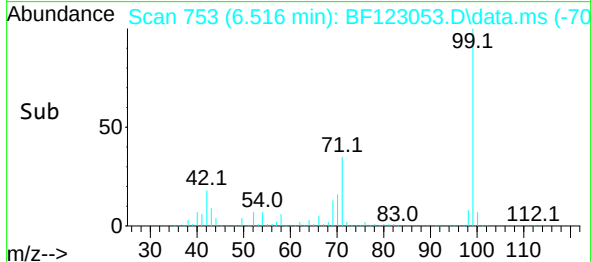
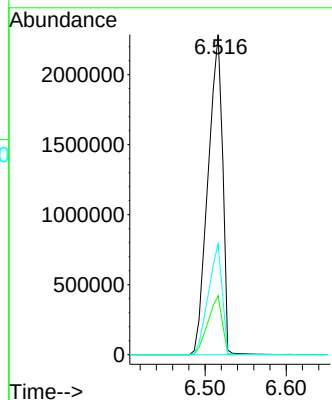
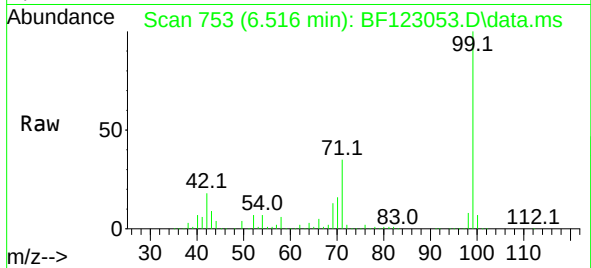




#7
Phenol-d6
Concen: 104.94 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF123053.D
Acq: 28 Jan 2021 10:56

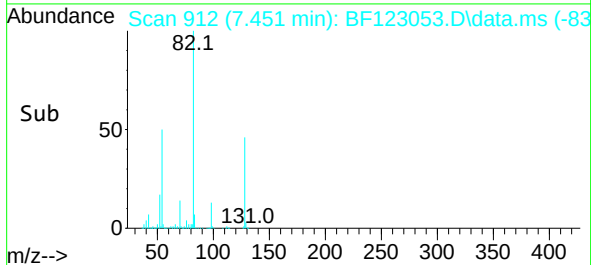
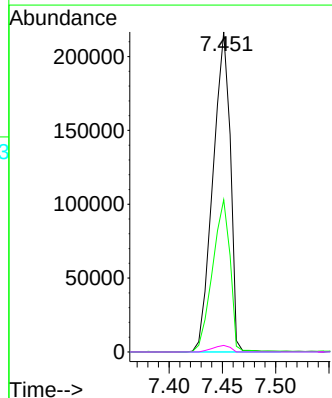
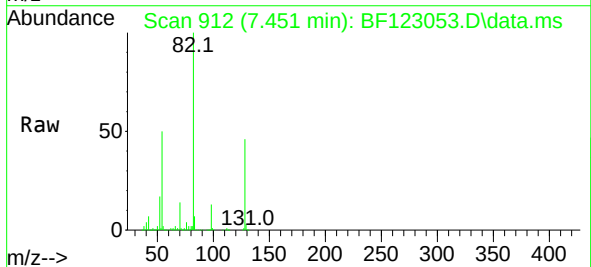
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ClientSampleId :
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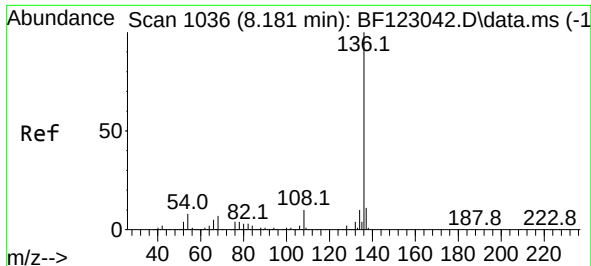
Tgt Ion: 99 Resp: 2832438
Ion Ratio Lower Upper
99 100
42 18.5 13.8 20.6
71 34.7 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.08 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123053.D
Acq: 28 Jan 2021 10:56

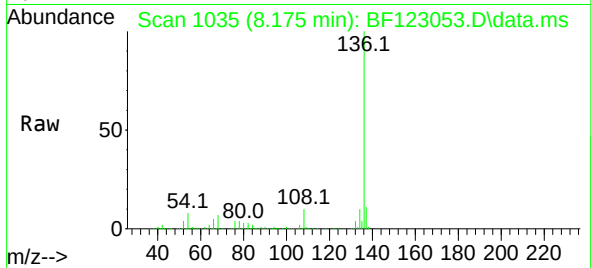
Tgt Ion: 70 Resp: 244808
Ion Ratio Lower Upper
70 100
42 47.6 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



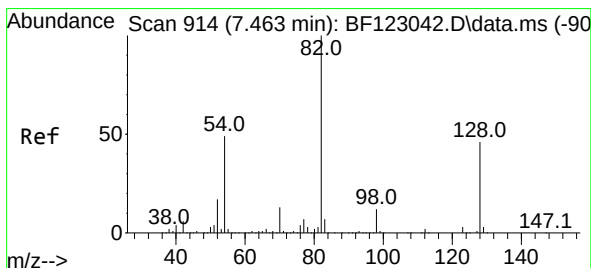
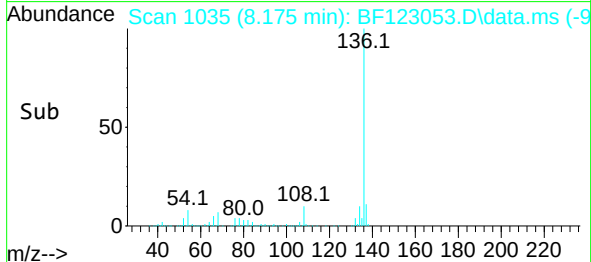
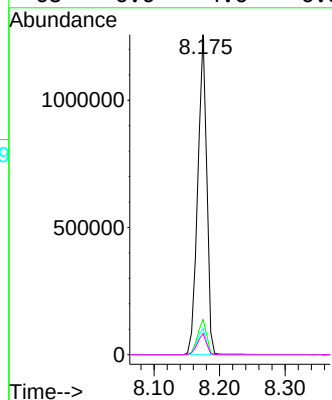


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123053.D
Acq: 28 Jan 2021 10:56

Instrument :
BNA_F
ClientSampleId :
PB134359BL

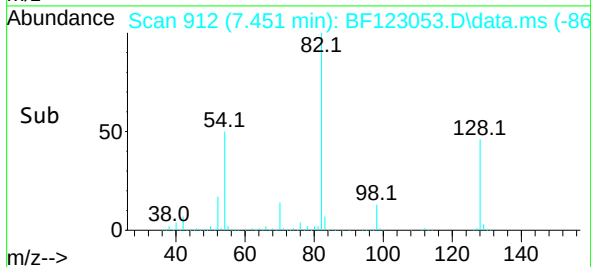
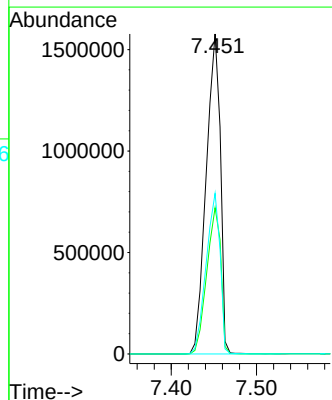
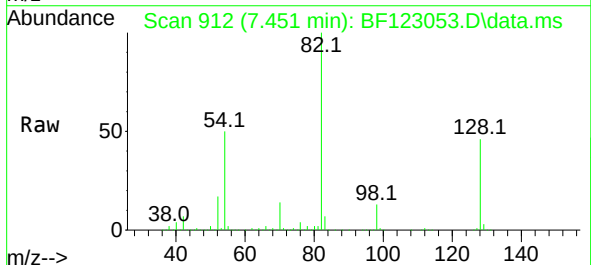


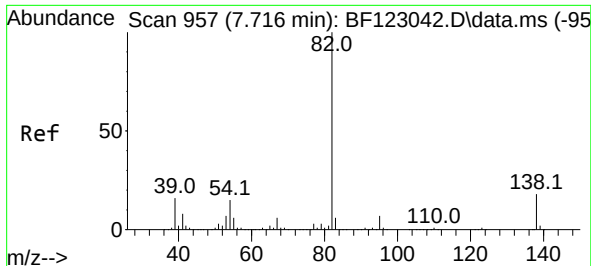
Tgt Ion:136 Resp: 1204047
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 5.5 8.3
68 6.6 4.6 6.8



#23
Nitrobenzene-d5
Concen: 76.12 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123053.D
Acq: 28 Jan 2021 10:56

Tgt Ion: 82 Resp: 1821071
Ion Ratio Lower Upper
82 100
128 45.7 37.0 55.4
54 50.2 38.4 57.6

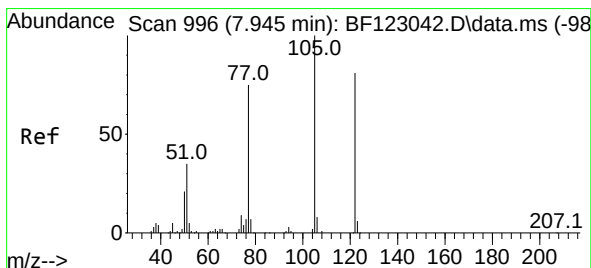
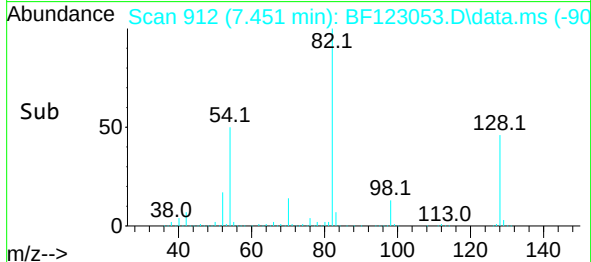
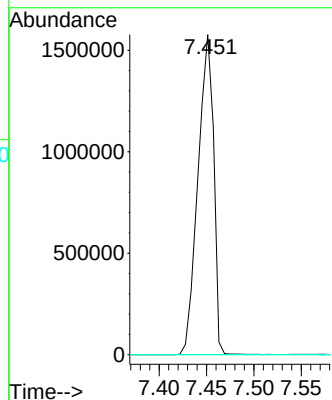
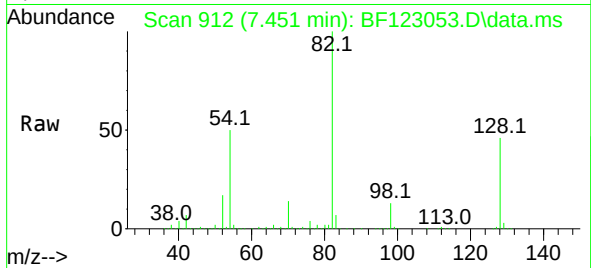




#25
Isophorone
Concen: 41.36 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123053.D
Acq: 28 Jan 2021 10:56

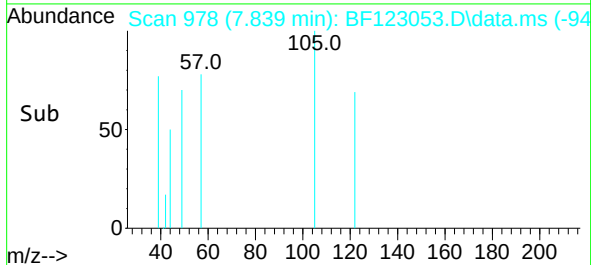
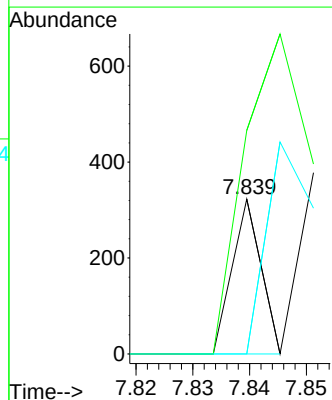
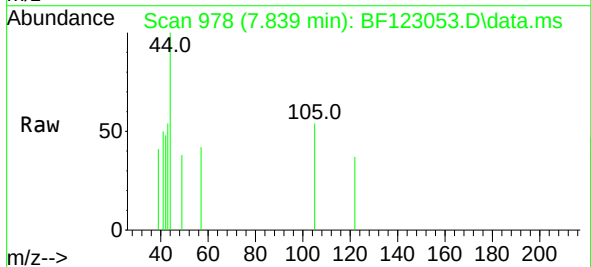
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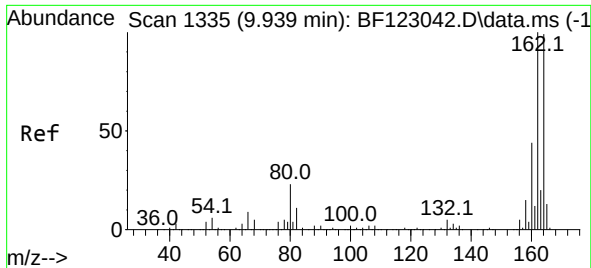
Tgt Ion: 82 Resp: 1812563
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 4.92 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.106 min
Lab File: BF123053.D
Acq: 28 Jan 2021 10:56

Tgt Ion: 122 Resp: 114
Ion Ratio Lower Upper
122 100
105 144.3 104.8 144.8
77 0.0 71.0 111.0#

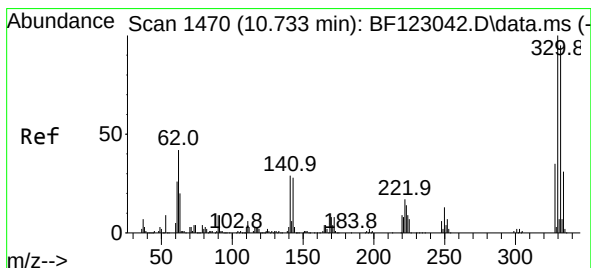
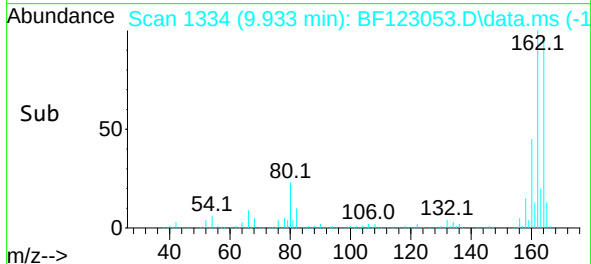
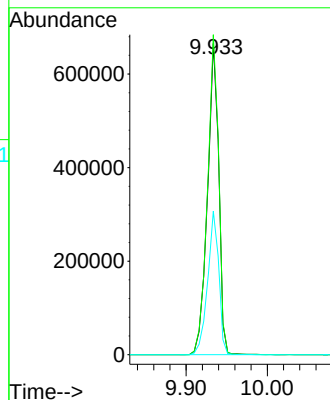
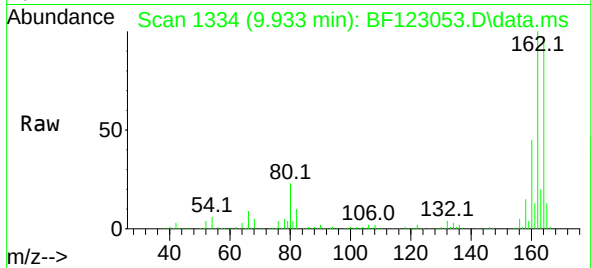




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123053.D
Acq: 28 Jan 2021 10:56

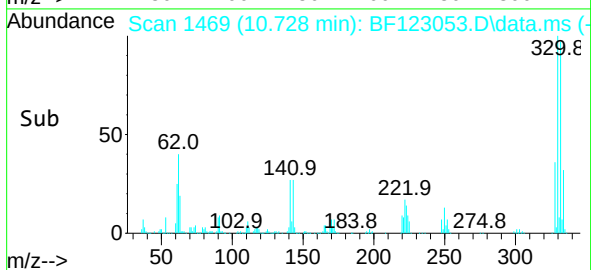
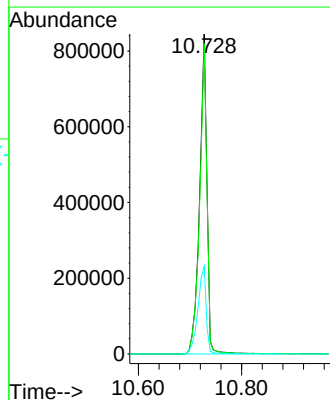
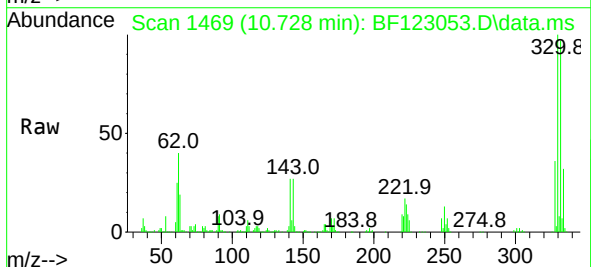
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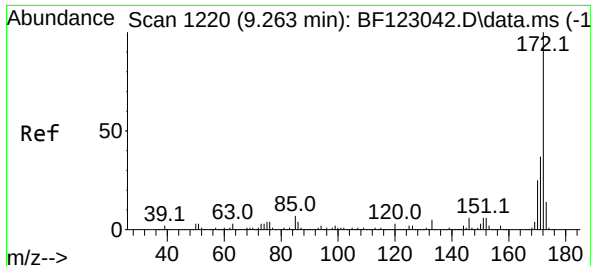
Tgt Ion:164 Resp: 641144
Ion Ratio Lower Upper
164 100
162 102.8 80.8 121.2
160 46.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 120.09 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123053.D
Acq: 28 Jan 2021 10:56

Tgt Ion:330 Resp: 835830
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 30.9 23.8 35.8

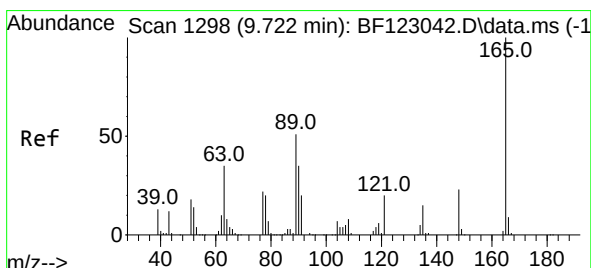
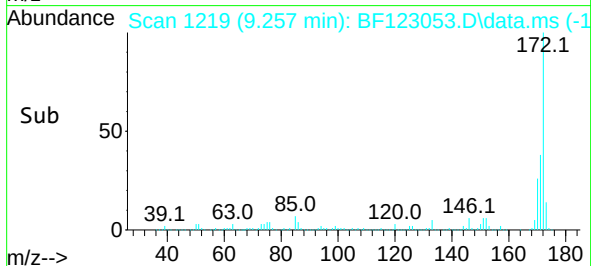
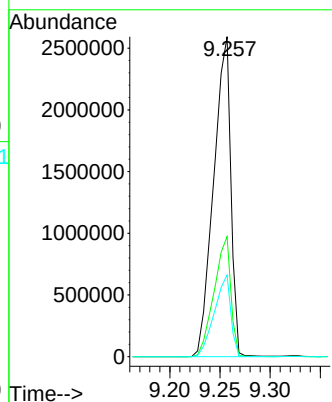
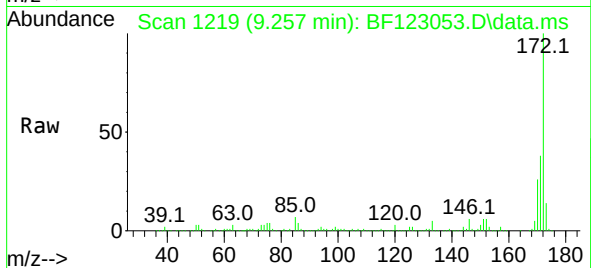




#45
2-Fluorobiphenyl
Concen: 71.44 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123053.D
Acq: 28 Jan 2021 10:56

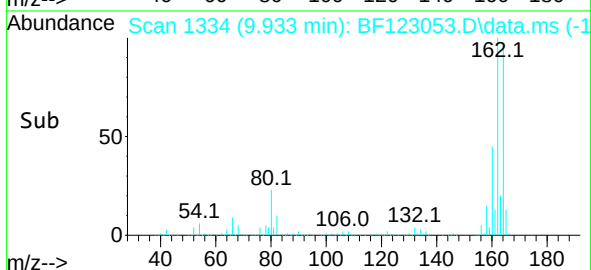
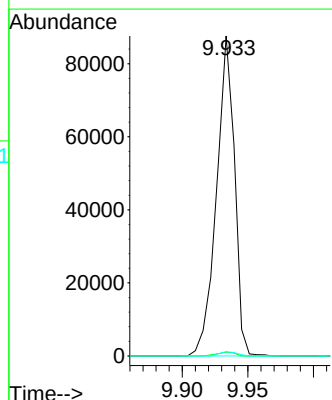
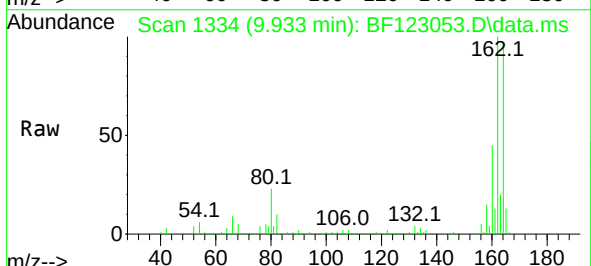
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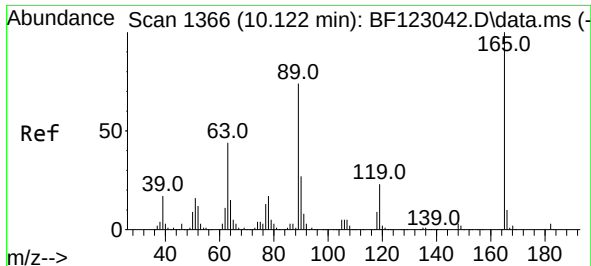
Tgt Ion:172 Resp: 3081304
Ion Ratio Lower Upper
172 100
171 37.6 29.6 44.4
170 25.5 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.81 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123053.D
Acq: 28 Jan 2021 10:56

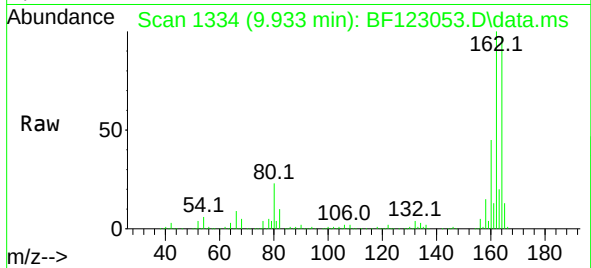
Tgt Ion:165 Resp: 83700
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.4 39.4 59.0#



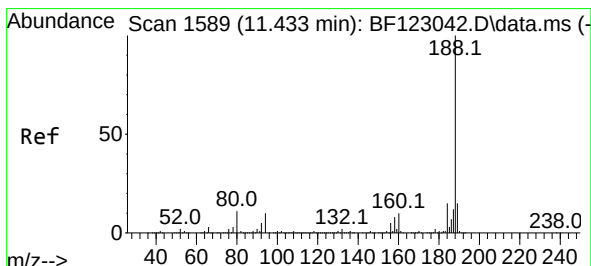
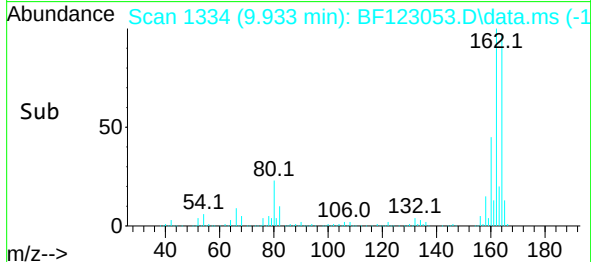
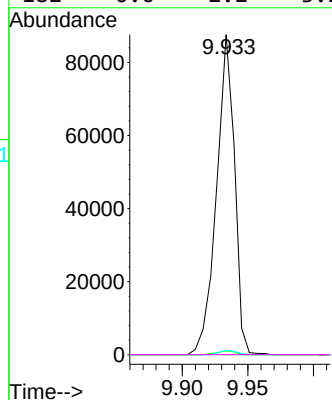


#57
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123053.D
Acq: 28 Jan 2021 10:56

Instrument :
BNA_F
ClientSampleId :
PB134359BL

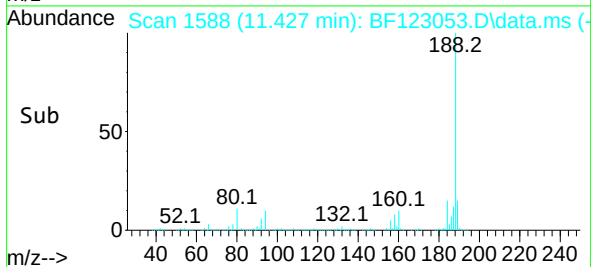
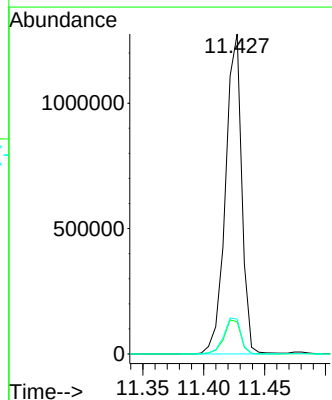
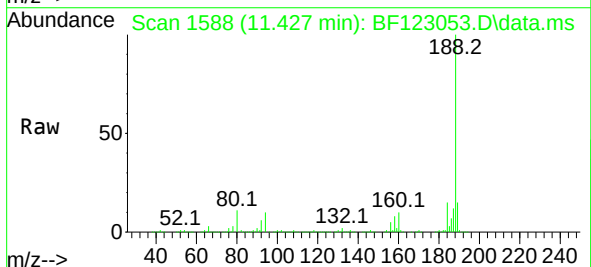


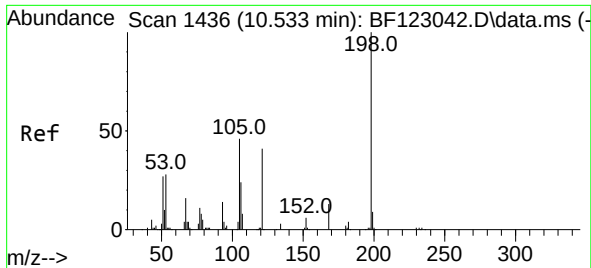
Tgt Ion:165 Resp: 83700
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123053.D
Acq: 28 Jan 2021 10:56

Tgt Ion:188 Resp: 1184757
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.9 8.2 12.4

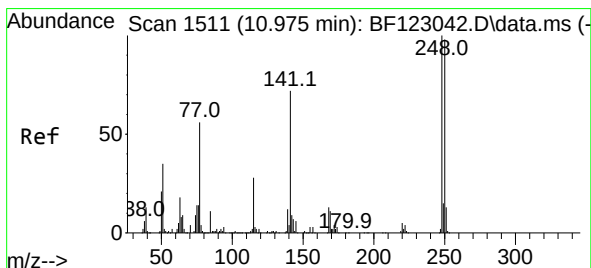
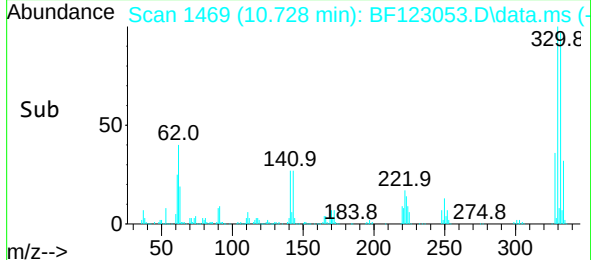
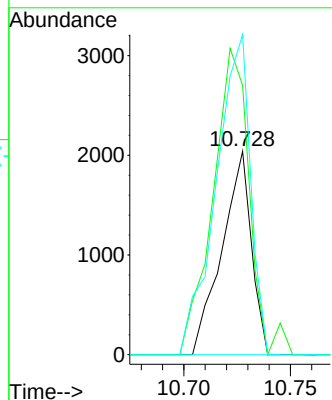
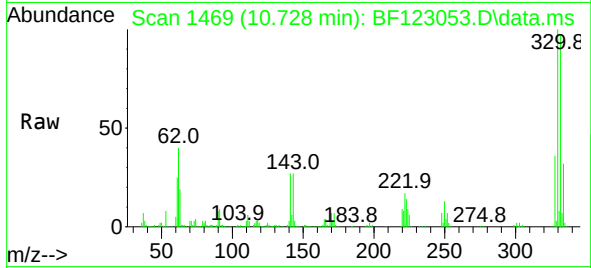




#65
4,6-Dinitro-2-methylphenol
Concen: 5.24 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.195 min
Lab File: BF123053.D
Acq: 28 Jan 2021 10:56

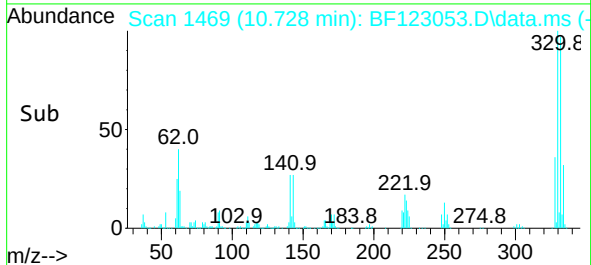
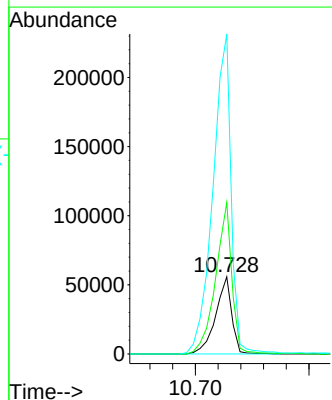
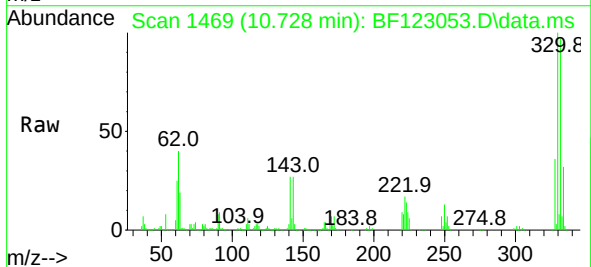
Instrument :
BNA_F
ClientSampleId :
PB134359BL

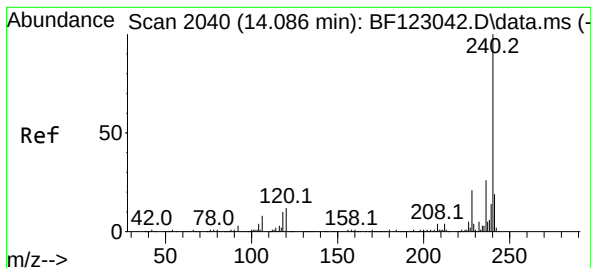
Tgt Ion:198 Resp: 1961
Ion Ratio Lower Upper
198 100
51 132.3 20.3 60.3#
105 157.2 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.65 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123053.D
Acq: 28 Jan 2021 10:56

Tgt Ion:248 Resp: 55024
Ion Ratio Lower Upper
248 100
250 196.2 76.8 115.2#
141 414.7 59.8 89.8#

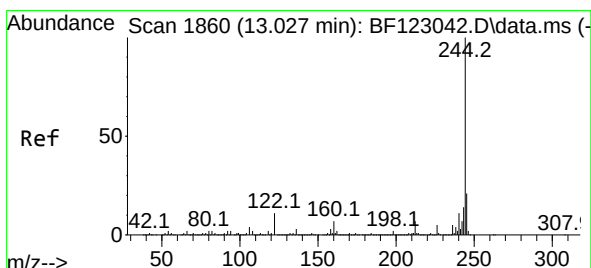
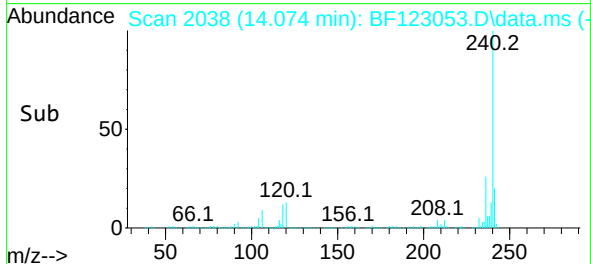
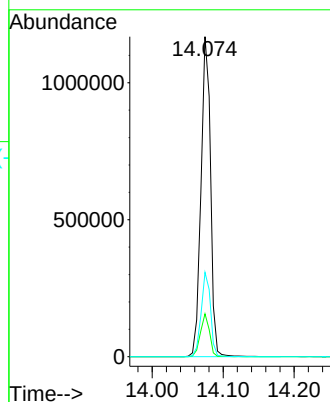
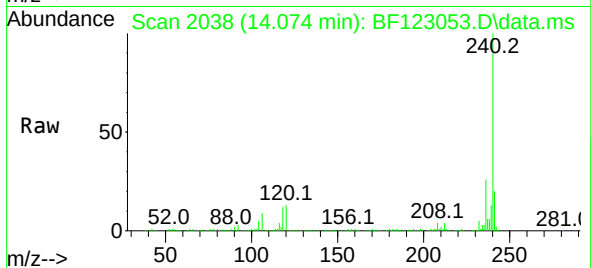




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123053.D
Acq: 28 Jan 2021 10:56

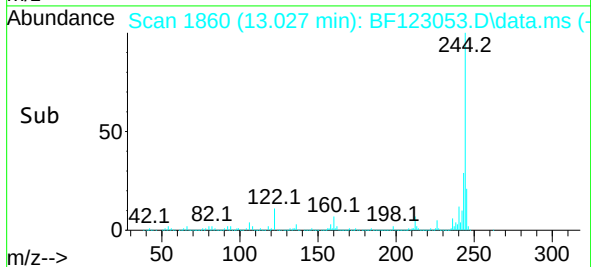
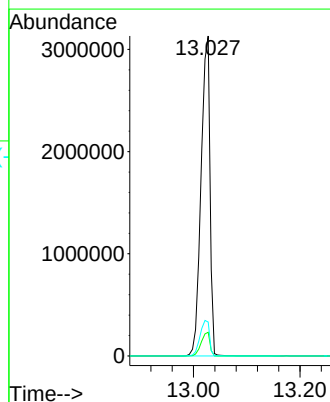
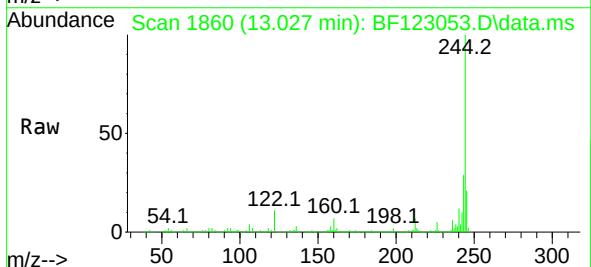
Instrument :
BNA_F
ClientSampleId :
PB134359BL

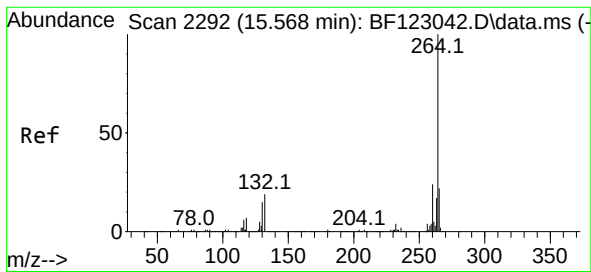
Tgt Ion:240 Resp: 1095207
Ion Ratio Lower Upper
240 100
120 13.4 8.6 12.8#
236 26.4 20.3 30.5



#79
Terphenyl-d14
Concen: 65.15 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123053.D
Acq: 28 Jan 2021 10:56

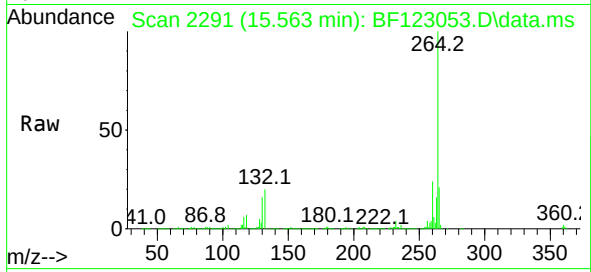
Tgt Ion:244 Resp: 3631965
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.6 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.563 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF123053.D
Acq: 28 Jan 2021 10:56

Instrument :
BNA_F
ClientSampleId :
PB134359BL



Tgt	Ion:264	Resp: 1023321	
Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	28.0
265	21.4	17.0	25.6

