

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
 Data File : BF123007.D
 Acq On : 19 Jan 2021 1:47
 Operator : JU/CG
 Sample : M1157-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Jan 19 02:20:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 18 13:14:08 2021
 Response via : Initial Calibration

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

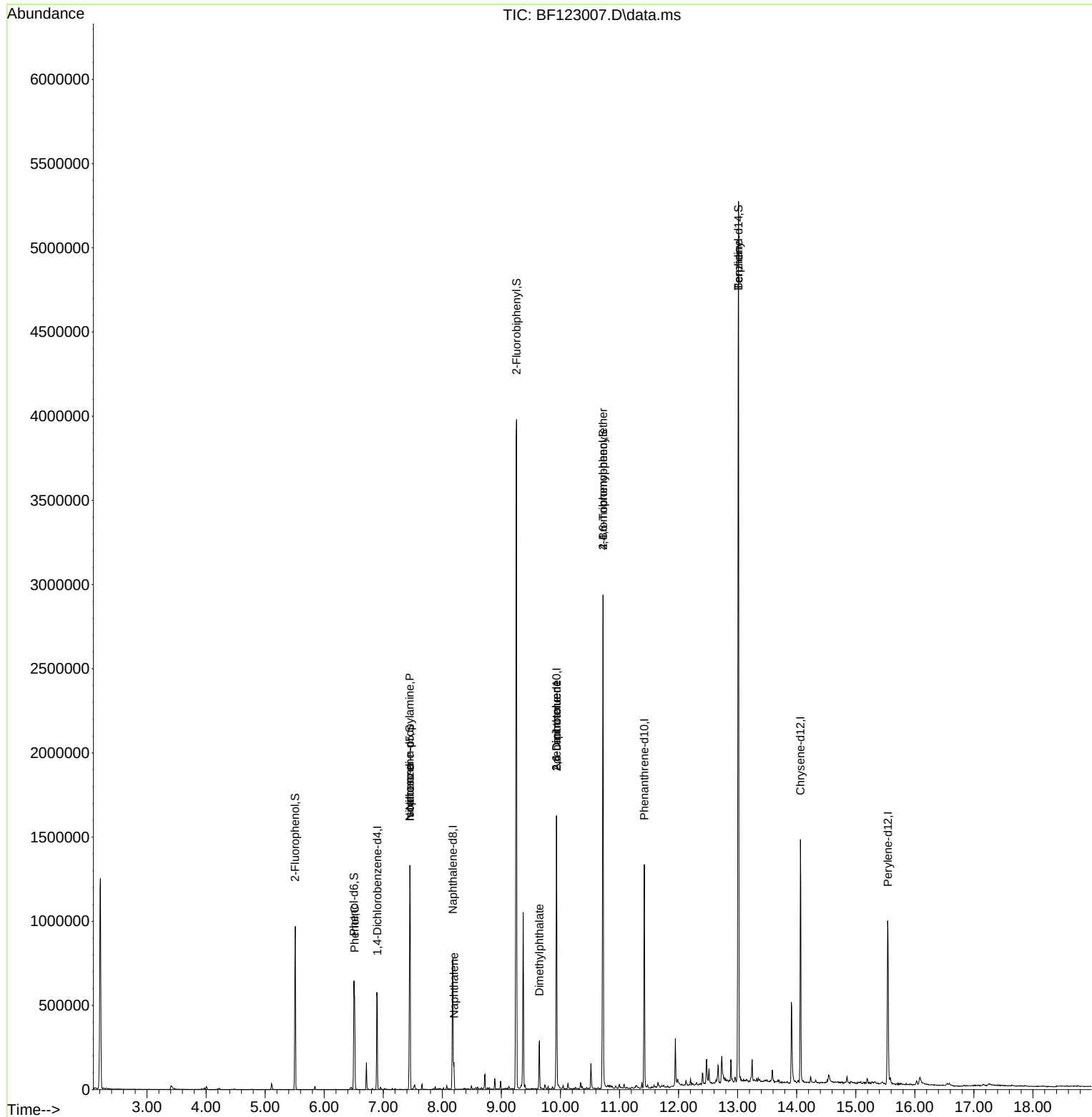
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	69463	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	352889	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	277288	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	451803	20.00	ng	# 0.00
76) Chrysene-d12	14.063	240	445739	20.00	ng	#-0.01
86) Perylene-d12	15.545	264	431612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	183149	39.86	ng	0.00
7) Phenol-d6	6.504	99	156682	25.37	ng	-0.02
23) Nitrobenzene-d5	7.451	82	400314	58.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	318502	101.57	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1317208	66.52	ng	0.00
79) Terphenyl-d14	13.016	244	1582526	65.10	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.445	77	106	Below Cal	#	1
10) Phenol	6.516	94	87130	14.05	ng	99
19) n-Nitroso-di-n-propyla...	7.451	70	58847	16.08	ng	# 41
25) Isophorone	7.451	82	398952	32.61	ng	# 65
31) Naphthalene	8.198	128	63482	3.50	ng	98
50) Dimethylphthalate	9.645	163	105790	4.92	ng	99
51) 2,6-Dinitrotoluene	9.933	165	34853	7.40	ng	# 35
57) 2,4-Dinitrotoluene	9.933	165	34853	5.76	ng	# 29
67) 4-Bromophenyl-phenylether	10.722	248	18249	3.30	ng	# 1
77) Benzidine	13.016	184	25569	2.17	ng	# 89

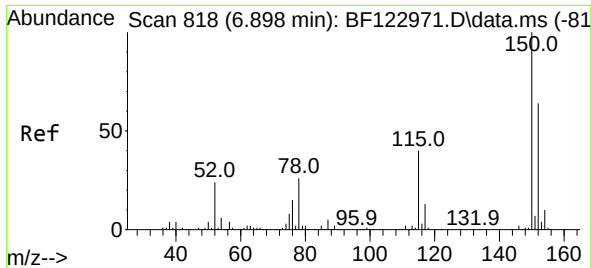
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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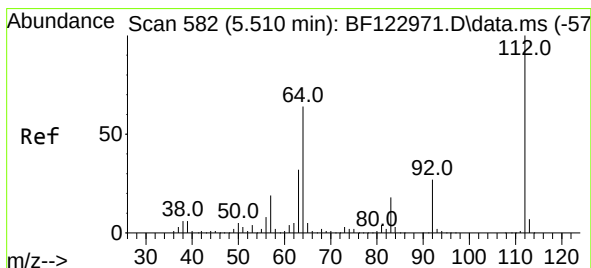
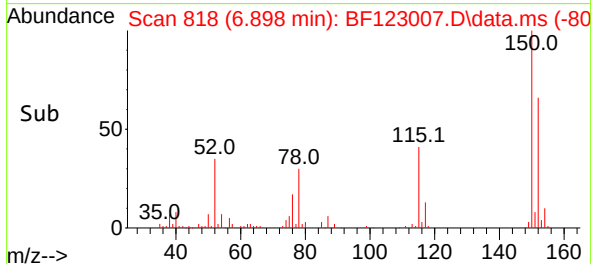
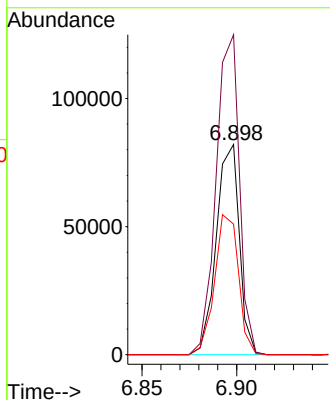
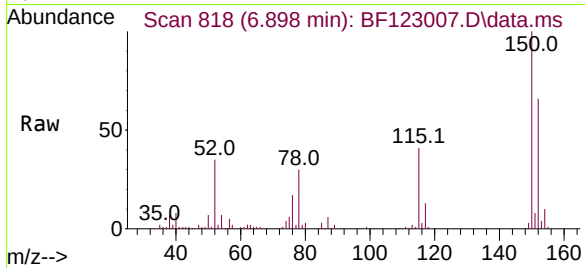




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123007.D
Acq: 19 Jan 2021 1:47

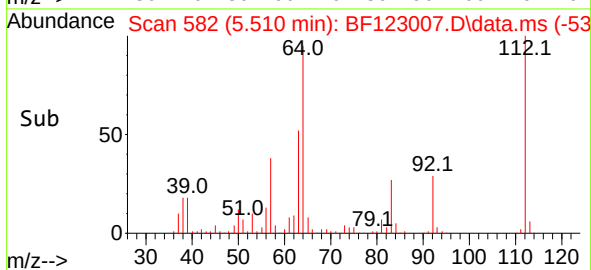
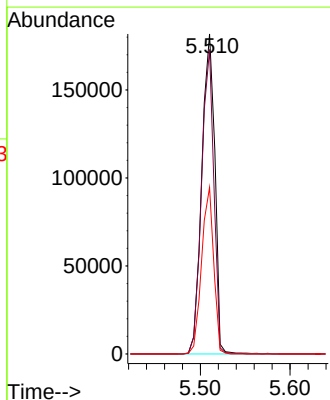
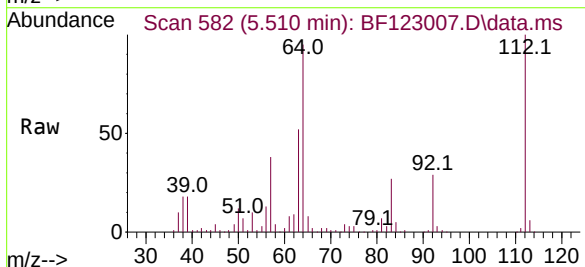
Instrument :
BNA_F
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MW-1

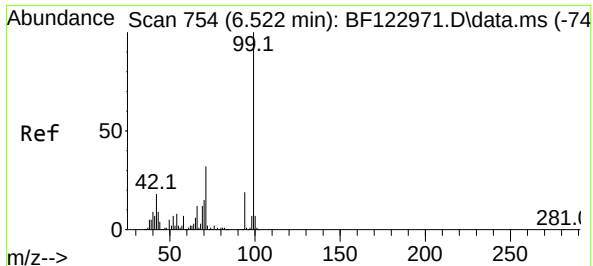
Tgt Ion:152 Resp: 69463
Ion Ratio Lower Upper
152 100
150 152.2 125.8 188.6
115 62.1 49.3 73.9



#5
2-Fluorophenol
Concen: 39.86 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF123007.D
Acq: 19 Jan 2021 1:47

Tgt Ion:112 Resp: 183149
Ion Ratio Lower Upper
112 100
64 95.1 46.9 70.3#
63 52.1 24.5 36.7#

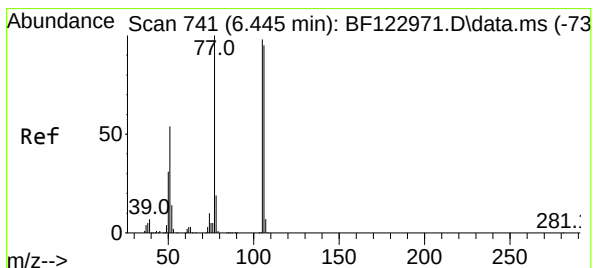
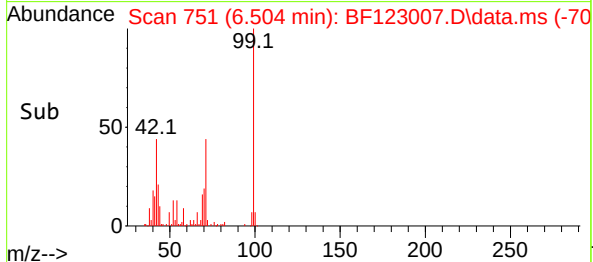
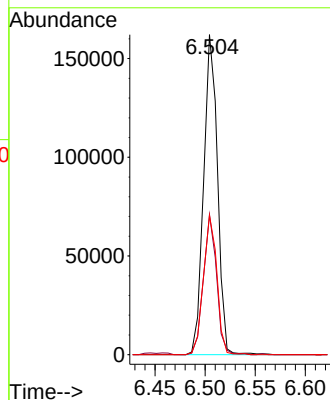
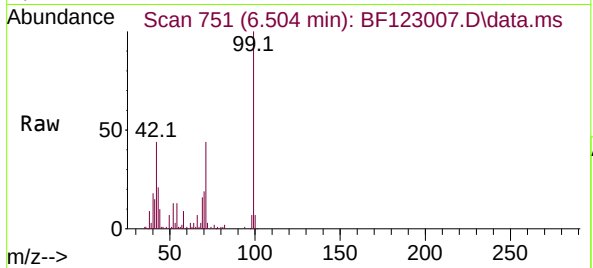




#7
Phenol-d6
Concen: 25.37 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF123007.D
Acq: 19 Jan 2021 1:47

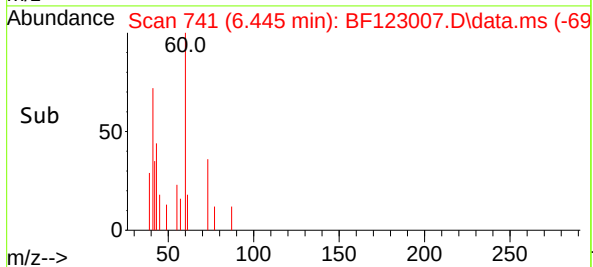
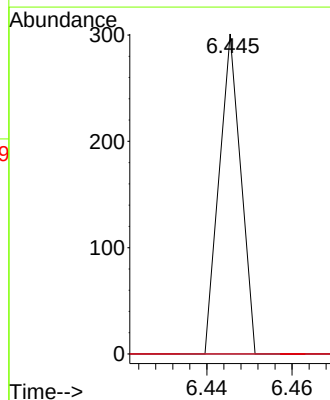
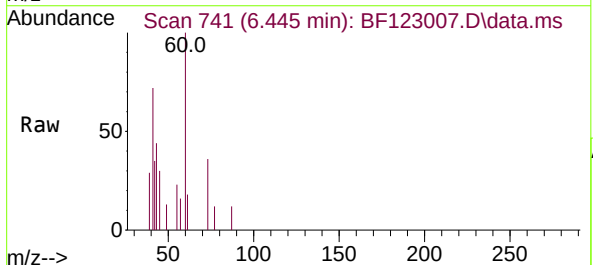
Instrument :
BNA_F
ClientSampleId :
MW-1

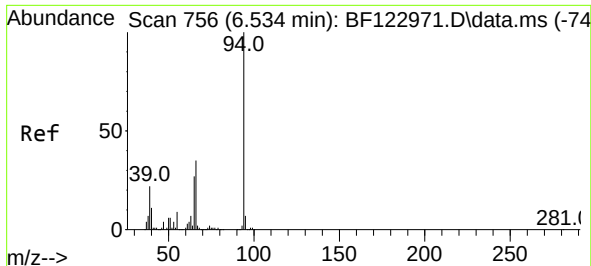
Tgt Ion: 99 Resp: 156682
Ion Ratio Lower Upper
99 100
42 43.8 13.8 20.6#
71 43.5 26.9 40.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF123007.D
Acq: 19 Jan 2021 1:47

Tgt Ion: 77 Resp: 106
Ion Ratio Lower Upper
77 100
105 0.0 80.6 120.6#
106 0.0 77.2 117.2#

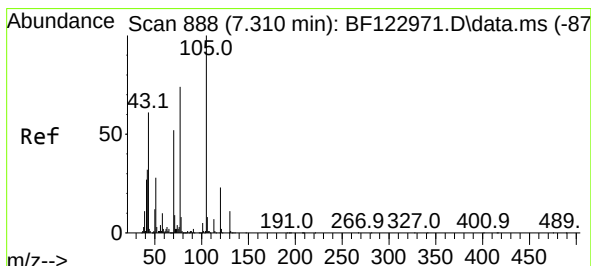
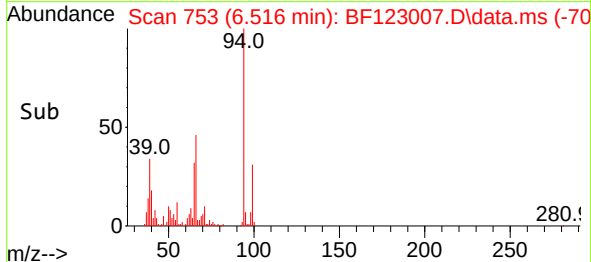
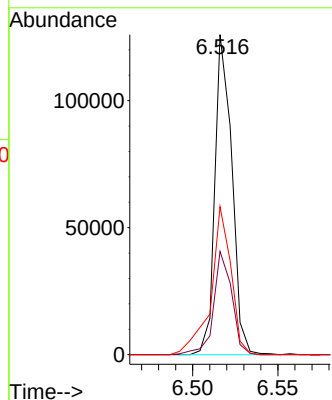
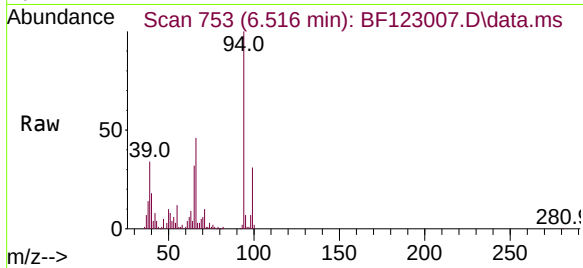




#10
Phenol
Concen: 14.05 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.018 min
Lab File: BF123007.D
Acq: 19 Jan 2021 1:47

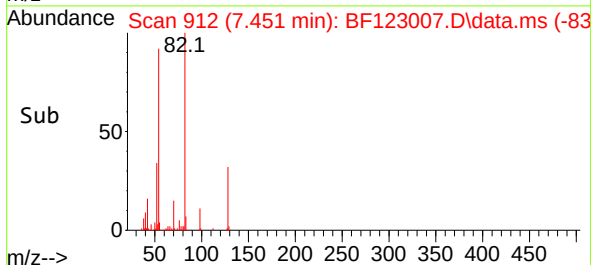
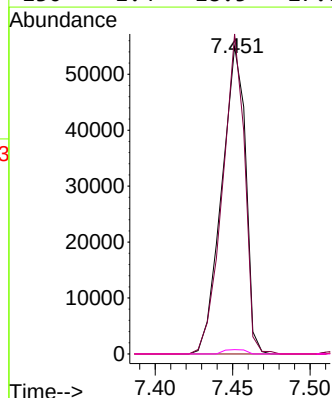
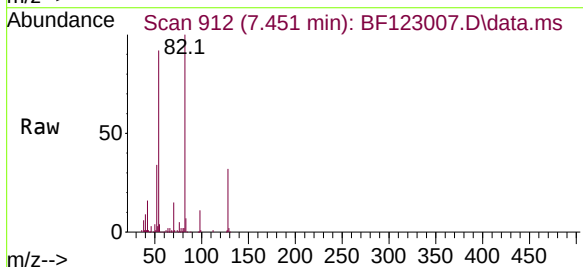
Instrument :
BNA_F
ClientSampleId :
MW-1

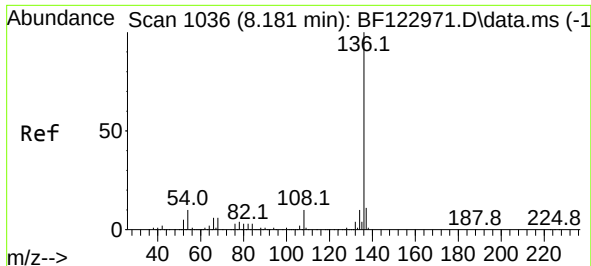
Tgt Ion: 94 Resp: 87130
Ion Ratio Lower Upper
94 100
65 32.2 11.2 51.2
66 46.2 25.8 65.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.08 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123007.D
Acq: 19 Jan 2021 1:47

Tgt Ion: 70 Resp: 58847
Ion Ratio Lower Upper
70 100
42 104.1 43.0 64.4#
101 0.0 7.9 11.9#
130 1.4 18.5 27.7#

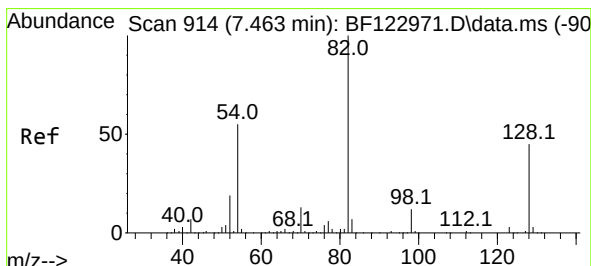
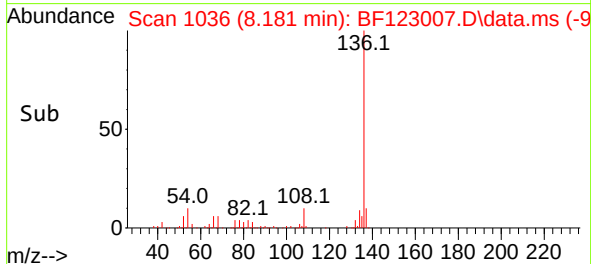
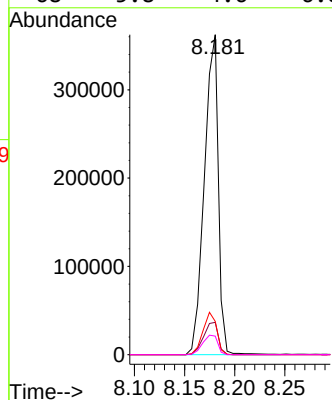
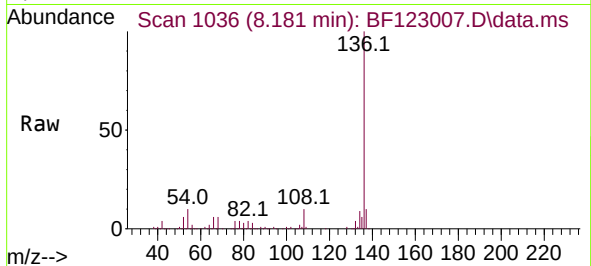




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF123007.D
Acq: 19 Jan 2021 1:47

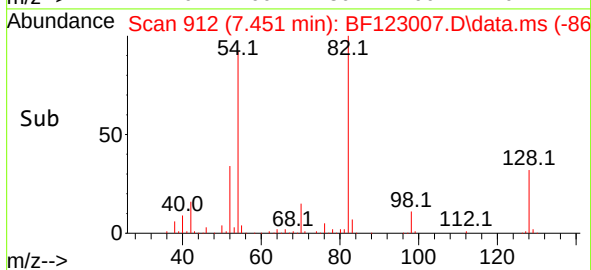
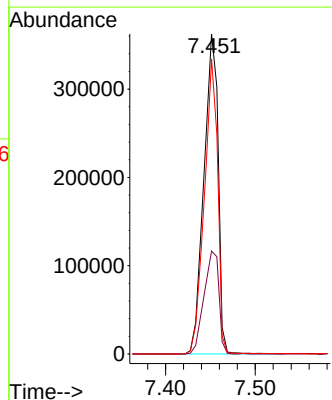
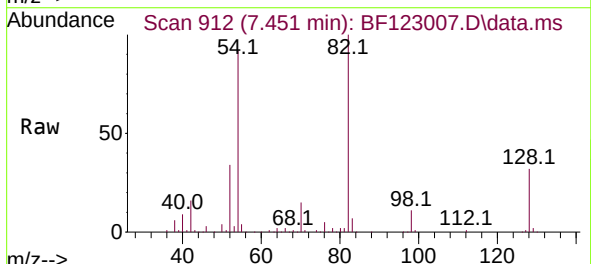
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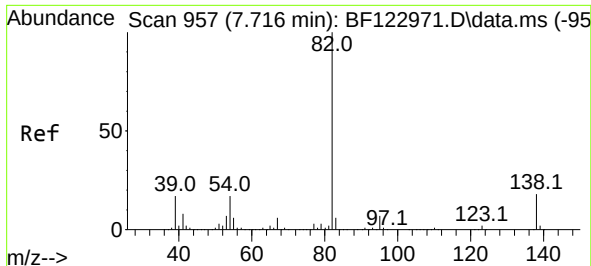
Tgt Ion:	136	Resp:	352889
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.8	13.2
54	10.4	5.5	8.3#
68	5.8	4.6	6.8



#23
Nitrobenzene-d5
Concen: 58.38 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123007.D
Acq: 19 Jan 2021 1:47

Tgt Ion:	82	Resp:	400314
Ion	Ratio	Lower	Upper
82	100		
128	32.1	37.0	55.4#
54	92.1	38.4	57.6#

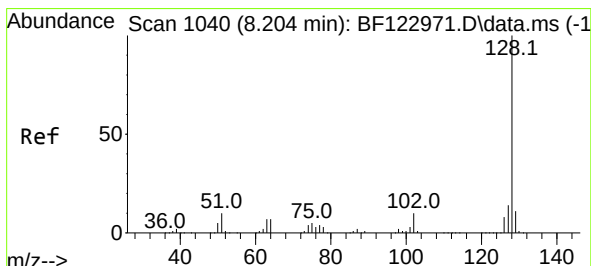
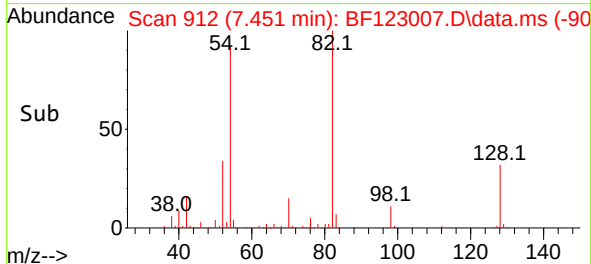
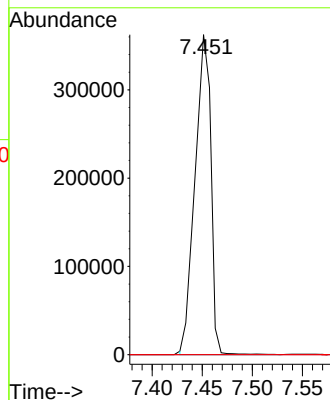
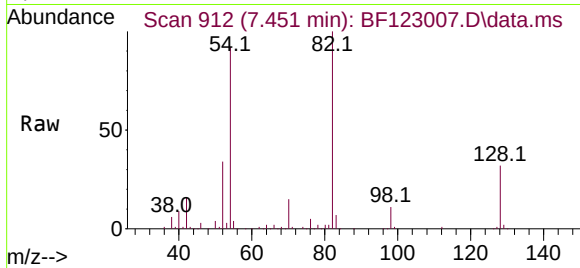




#25
Isophorone
Concen: 32.61 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123007.D
Acq: 19 Jan 2021 1:47

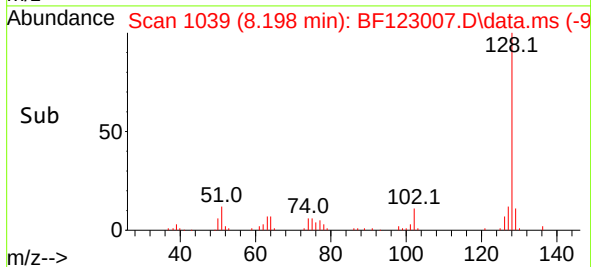
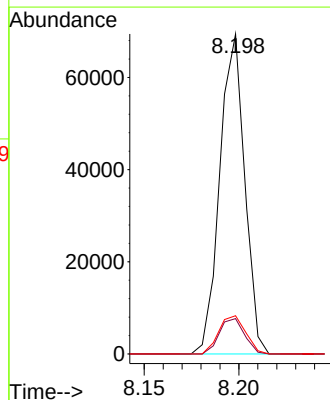
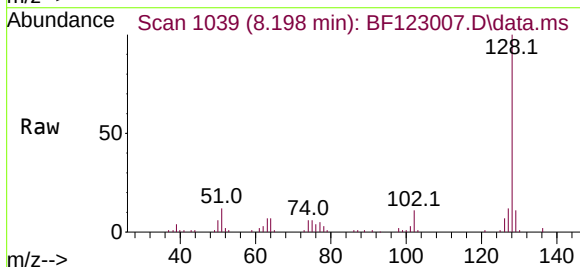
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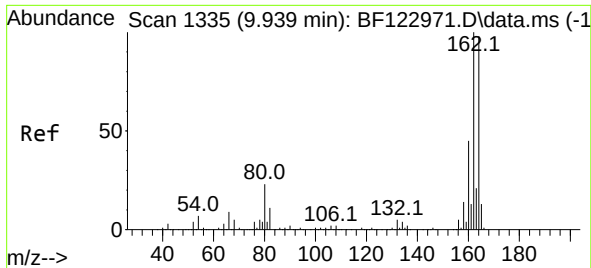
Tgt Ion: 82 Resp: 398952
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#31
Naphthalene
Concen: 3.50 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123007.D
Acq: 19 Jan 2021 1:47

Tgt Ion: 128 Resp: 63482
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 11.9 10.7 16.1

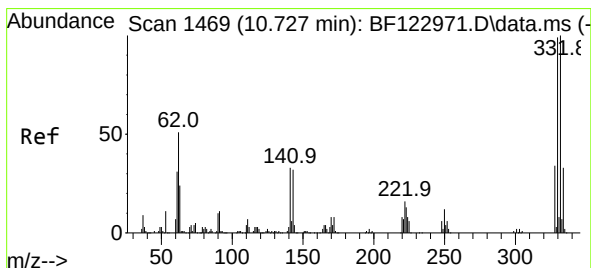
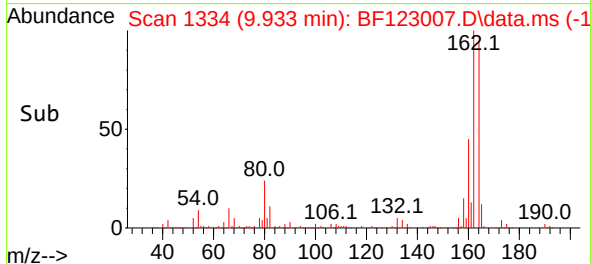
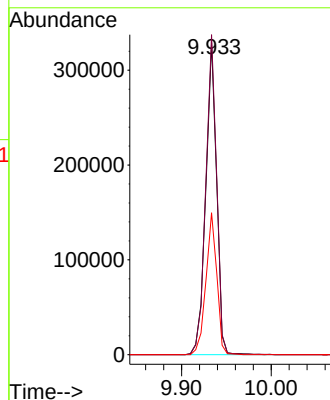
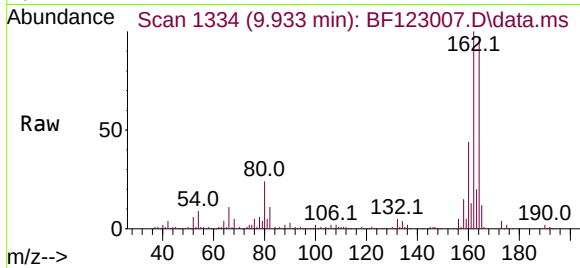




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123007.D
Acq: 19 Jan 2021 1:47

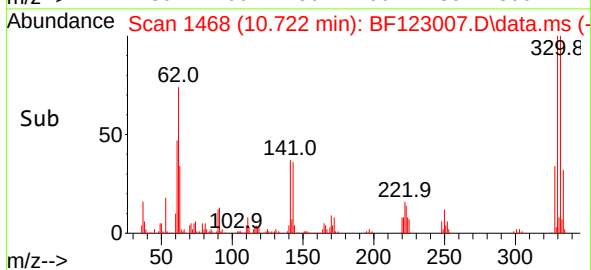
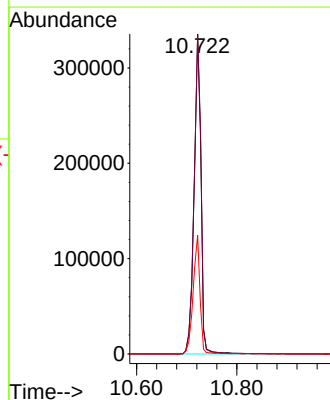
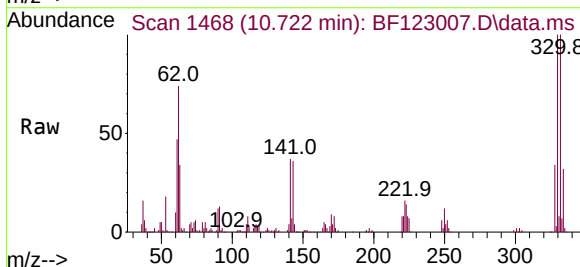
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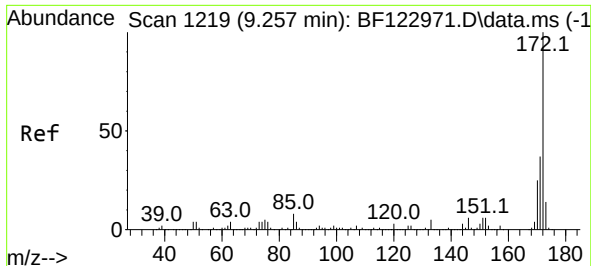
Tgt Ion:164 Resp: 277288
Ion Ratio Lower Upper
164 100
162 102.6 80.8 121.2
160 45.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 101.57 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.005 min
Lab File: BF123007.D
Acq: 19 Jan 2021 1:47

Tgt Ion:330 Resp: 318502
Ion Ratio Lower Upper
330 100
332 100.8 77.5 116.3
141 37.1 23.8 35.8#

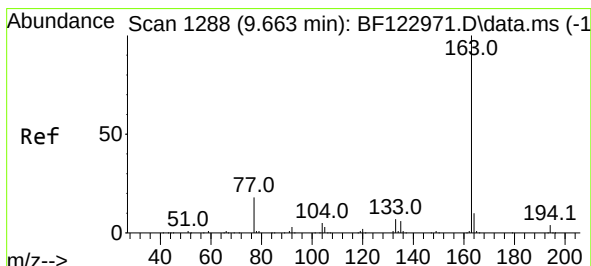
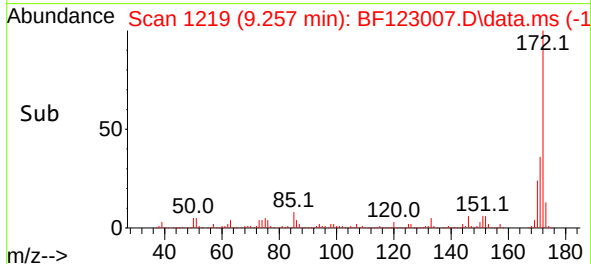
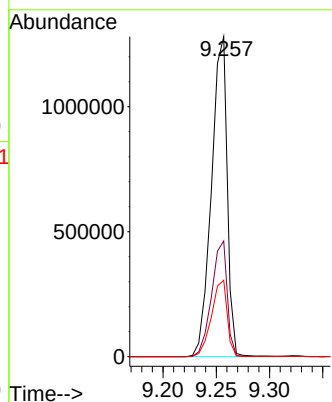
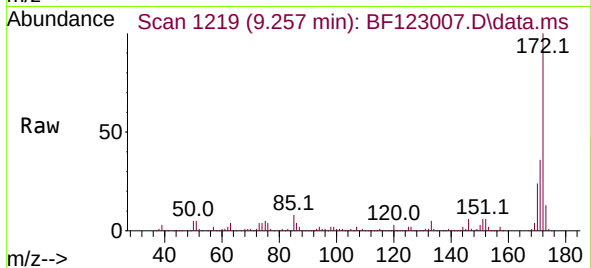




#45
2-Fluorobiphenyl
Concen: 66.52 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF123007.D
Acq: 19 Jan 2021 1:47

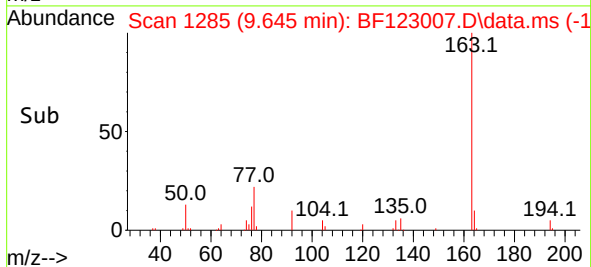
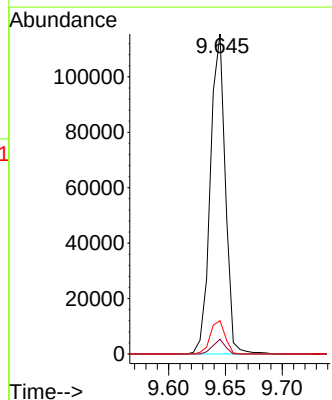
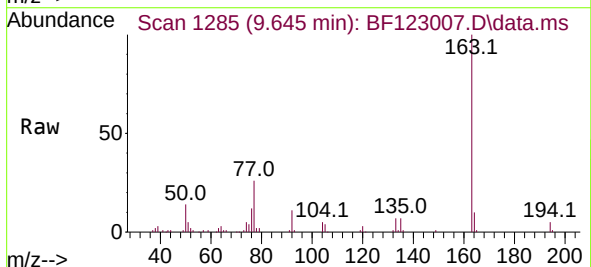
Instrument :
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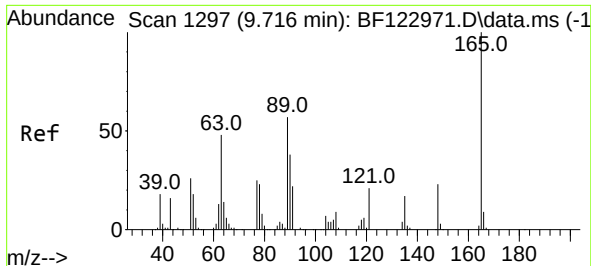
Tgt Ion:172 Resp: 1317208
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.9 19.5 29.3



#50
Dimethylphthalate
Concen: 4.92 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123007.D
Acq: 19 Jan 2021 1:47

Tgt Ion:163 Resp: 105790
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.0
164 10.4 8.1 12.1

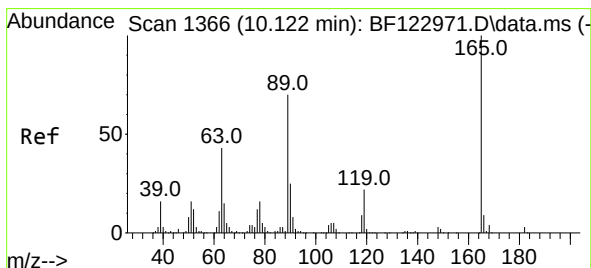
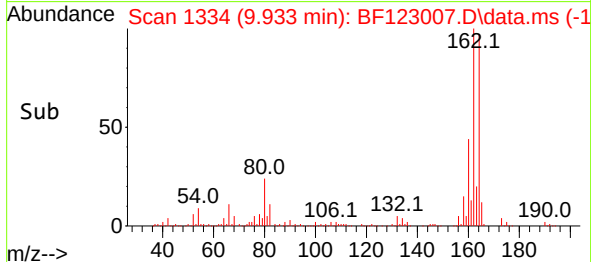
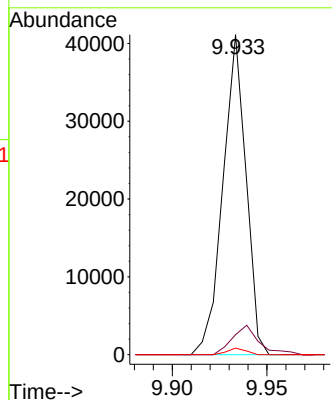
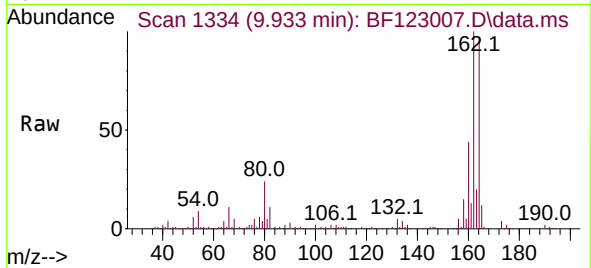




#51
2,6-Dinitrotoluene
Concen: 7.40 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF123007.D
Acq: 19 Jan 2021 1:47

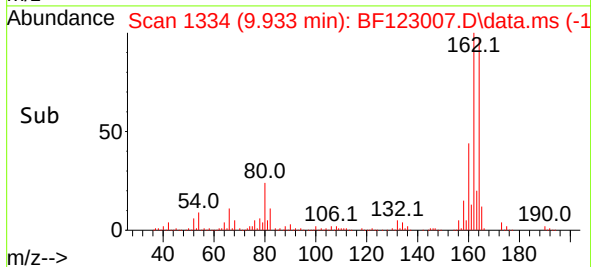
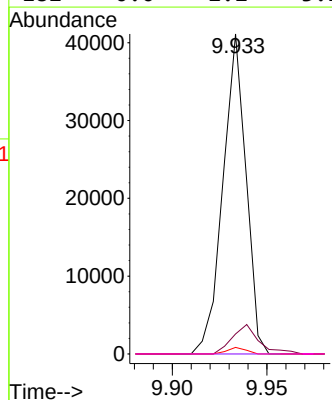
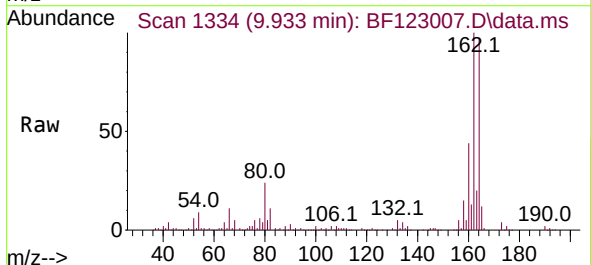
Instrument :
BNA_F
ClientSampled :
MW-1

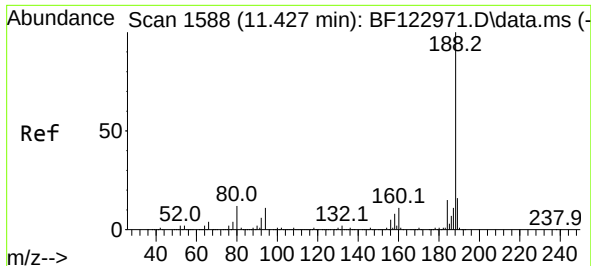
Tgt Ion:165 Resp: 34853
Ion Ratio Lower Upper
165 100
63 6.3 36.6 55.0#
89 2.1 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.76 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123007.D
Acq: 19 Jan 2021 1:47

Tgt Ion:165 Resp: 34853
Ion Ratio Lower Upper
165 100
63 6.3 34.3 51.5#
89 2.1 55.2 82.8#
182 0.0 2.2 3.2#

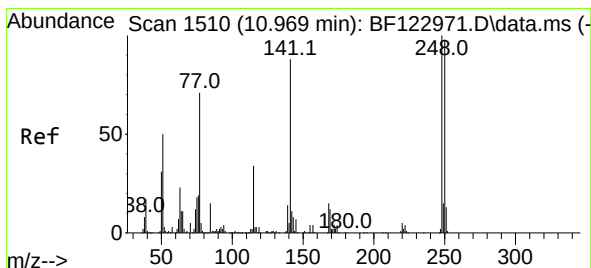
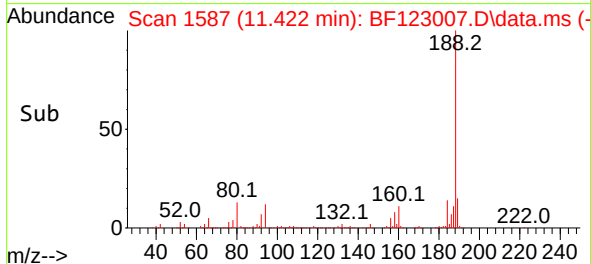
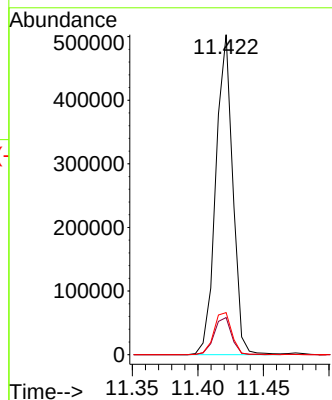
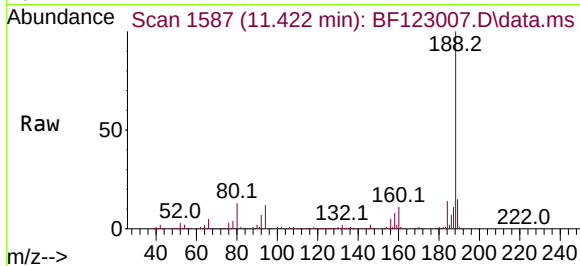




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF123007.D
Acq: 19 Jan 2021 1:47

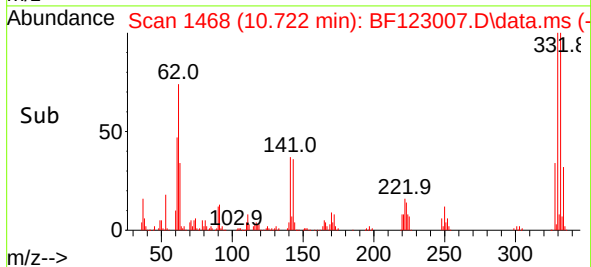
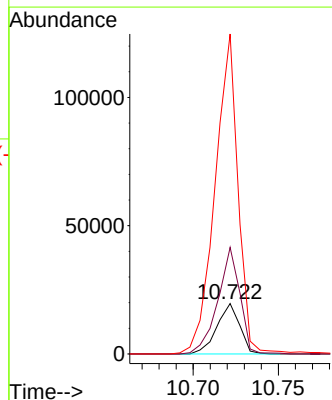
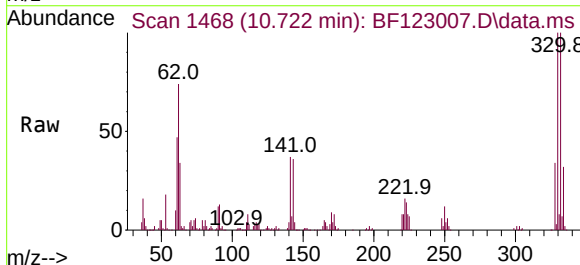
Instrument :
BNA_F
ClientSampleId :
MW-1

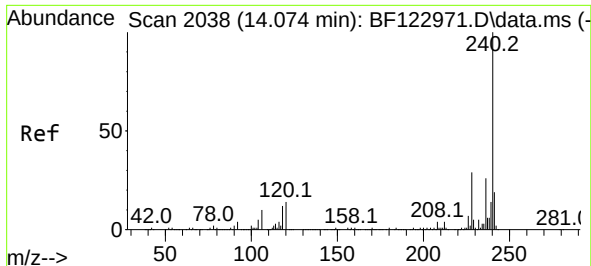
Tgt Ion:188 Resp: 451803
Ion Ratio Lower Upper
188 100
94 11.6 7.4 11.2#
80 13.2 8.2 12.4#



#67
4-Bromophenyl-phenylether
Concen: 3.30 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF123007.D
Acq: 19 Jan 2021 1:47

Tgt Ion:248 Resp: 18249
Ion Ratio Lower Upper
248 100
250 211.5 76.8 115.2#
141 635.2 59.8 89.8#

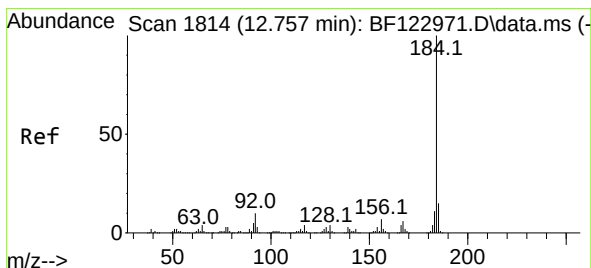
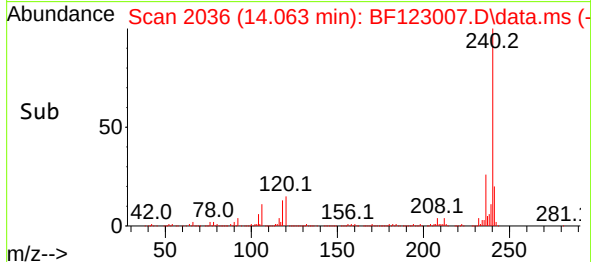
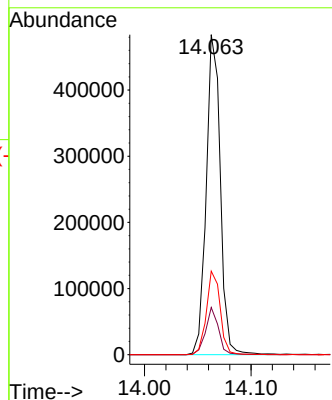
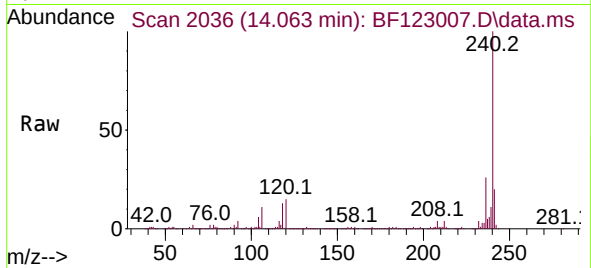




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF123007.D
Acq: 19 Jan 2021 1:47

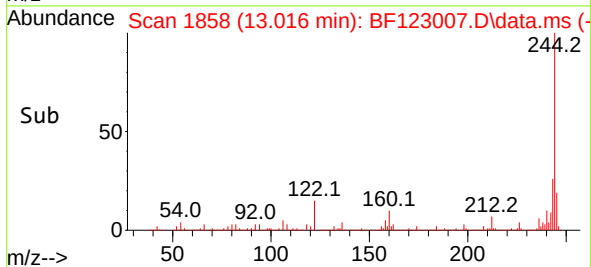
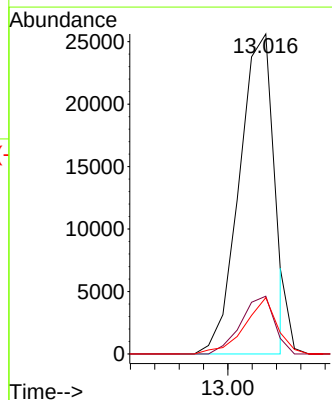
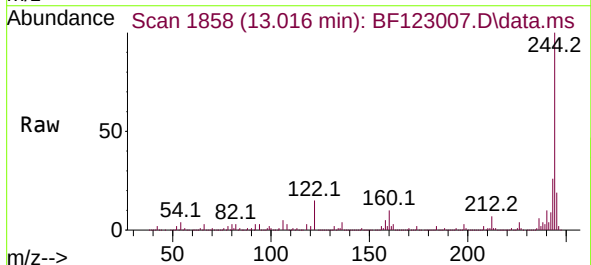
Instrument :
BNA_F
ClientSampled :
MW-1

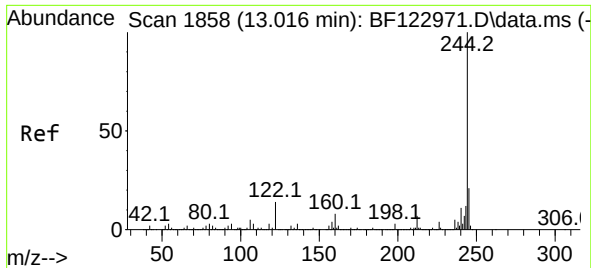
Tgt Ion:240 Resp: 445739
Ion Ratio Lower Upper
240 100
120 14.7 8.6 12.8#
236 26.1 20.3 30.5



#77
Benzidine
Concen: 2.17 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.259 min
Lab File: BF123007.D
Acq: 19 Jan 2021 1:47

Tgt Ion:184 Resp: 25569
Ion Ratio Lower Upper
184 100
185 18.0 11.8 17.6#
183 17.6 9.7 14.5#

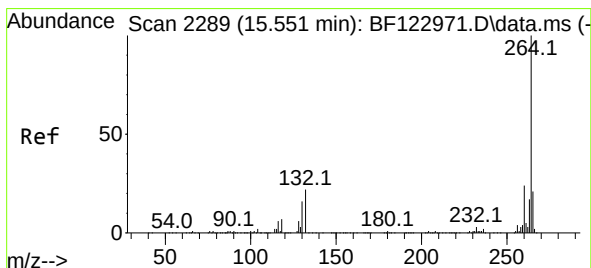
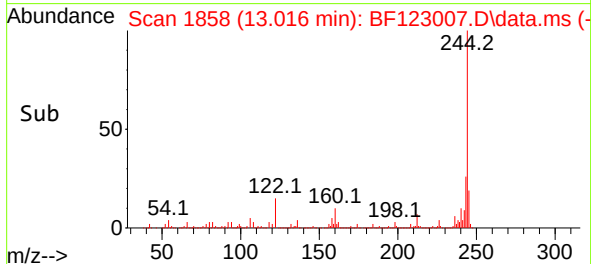
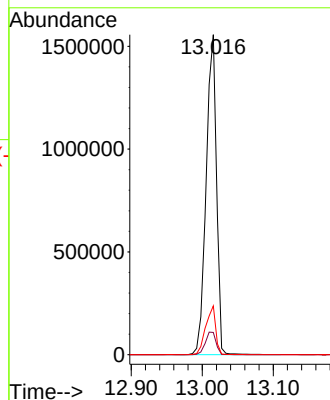
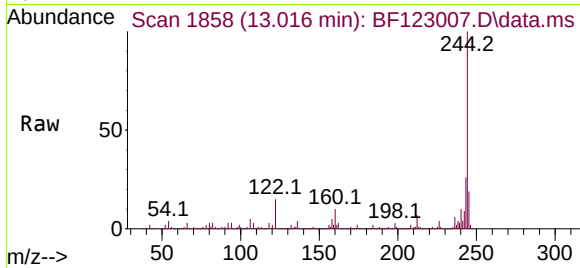




#79
 Terphenyl-d14
 Concen: 65.10 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. -0.000 min
 Lab File: BF123007.D
 Acq: 19 Jan 2021 1:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:244 Resp: 1582526
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 15.2 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF123007.D
 Acq: 19 Jan 2021 1:47

Tgt Ion:264 Resp: 431612
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 20.3 17.0 25.6

