

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
 Data File : BF123005.D
 Acq On : 19 Jan 2021 00:44
 Operator : JU/CG
 Sample : M1157-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Jan 19 01:35:09 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)

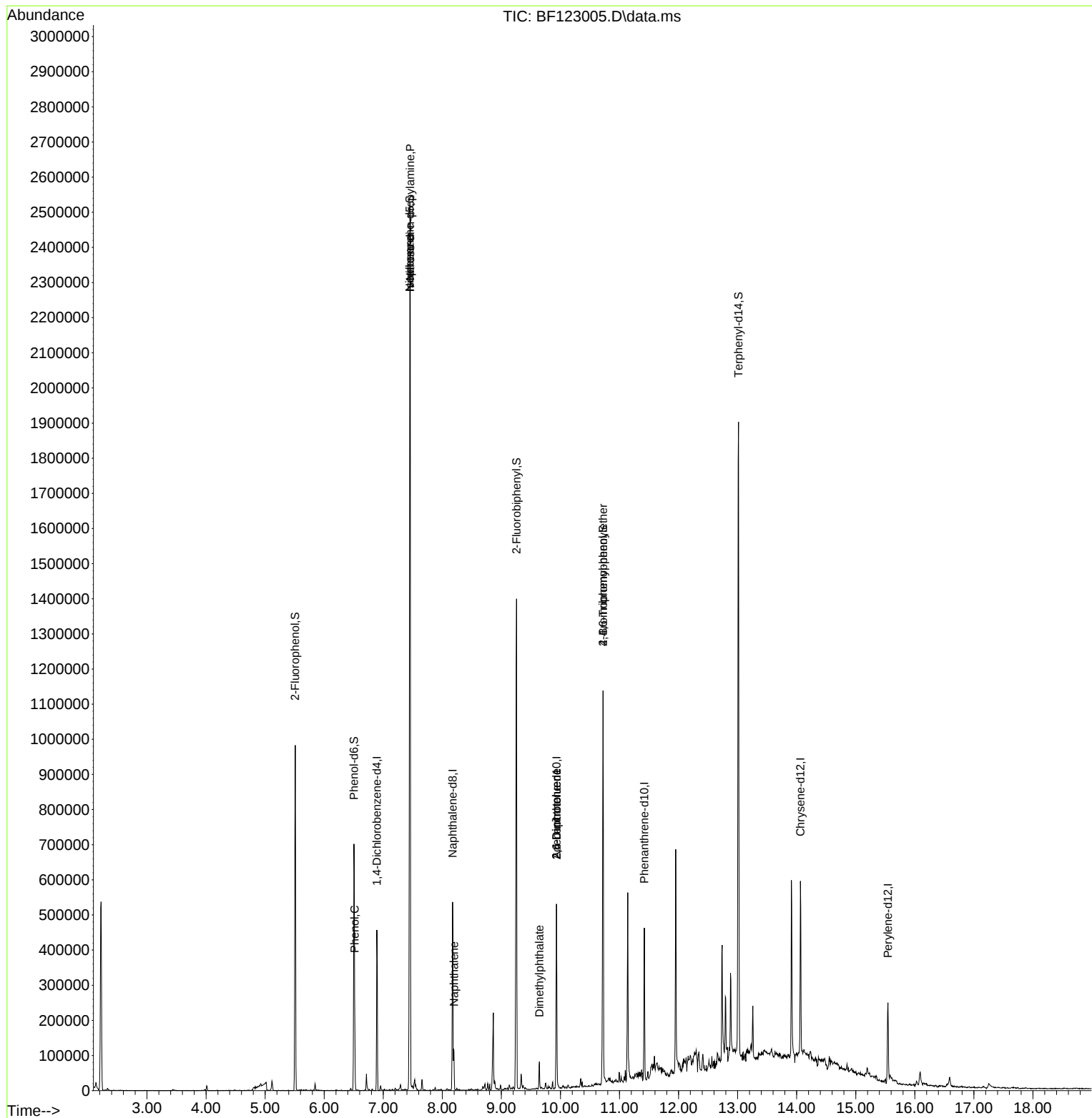
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	47470	20.00	ng	# 0.00
21) Naphthalene-d8	8.175	136	211099	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	83017	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	131082	20.00	ng	# 0.00
76) Chrysene-d12	14.063	240	148063	20.00	ng	#-0.01
86) Perylene-d12	15.545	264	94387	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	197188	62.79	ng	0.00
7) Phenol-d6	6.504	99	167163	39.61	ng	-0.02
23) Nitrobenzene-d5	7.451	82	862678	210.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	114299	121.75	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	400895	67.62	ng	0.00
79) Terphenyl-d14	13.016	244	543009	67.24	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.522	77	561	Below Cal	#	1
10) Phenol	6.516	94	31424	7.41	ng	85
19) n-Nitroso-di-n-propyla...	7.457	70	123538	49.41	ng	# 75
25) Isophorone	7.451	82	862664	117.86	ng	# 65
31) Naphthalene	8.198	128	39124	3.60	ng	97
50) Dimethylphthalate	9.645	163	22629	3.51	ng	# 97
51) 2,6-Dinitrotoluene	9.933	165	10551	7.49	ng	# 36
57) 2,4-Dinitrotoluene	9.933	165	10551	5.82	ng	# 29
67) 4-Bromophenyl-phenylether	10.722	248	6464	4.03	ng	# 1

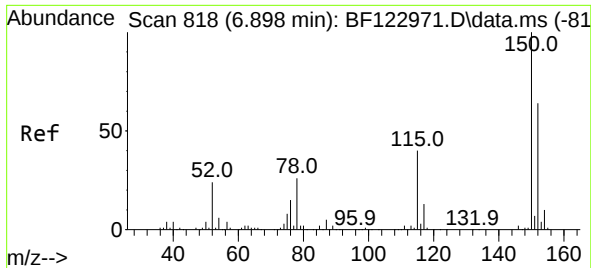
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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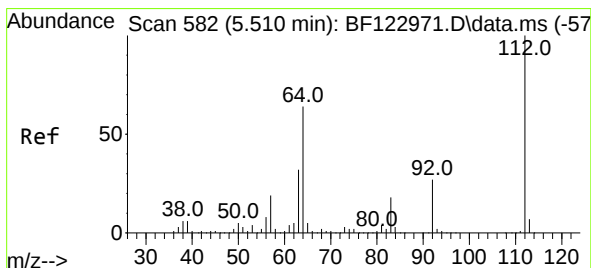
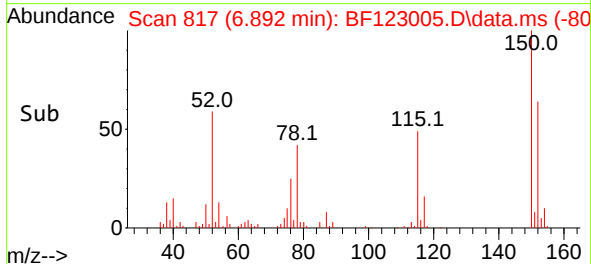
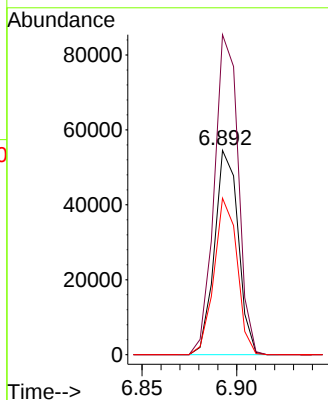
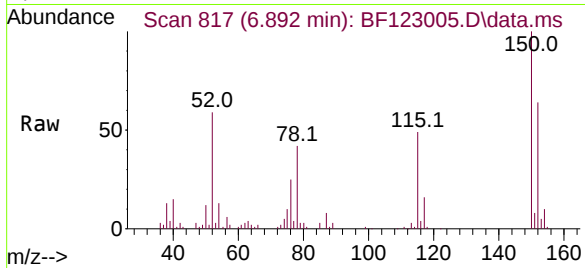




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF123005.D
Acq: 19 Jan 2021 00:44

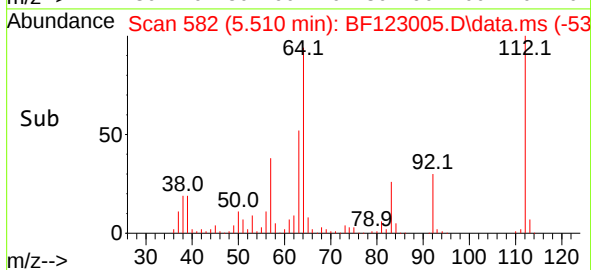
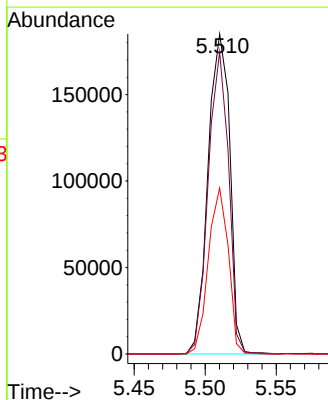
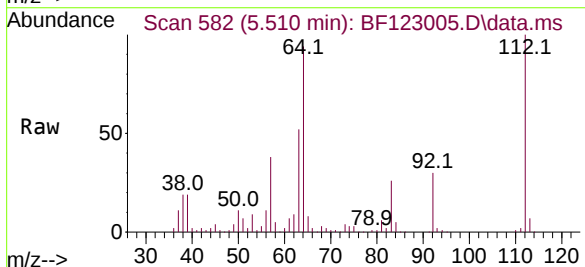
Instrument :
BNA_F
ClientSampleId :
MW-4

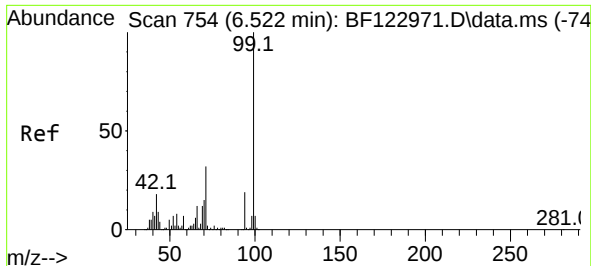
Tgt Ion:152 Resp: 47470
Ion Ratio Lower Upper
152 100
150 156.6 125.8 188.6
115 76.6 49.3 73.9#



#5
2-Fluorophenol
Concen: 62.79 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF123005.D
Acq: 19 Jan 2021 00:44

Tgt Ion:112 Resp: 197188
Ion Ratio Lower Upper
112 100
64 94.4 46.9 70.3#
63 51.9 24.5 36.7#

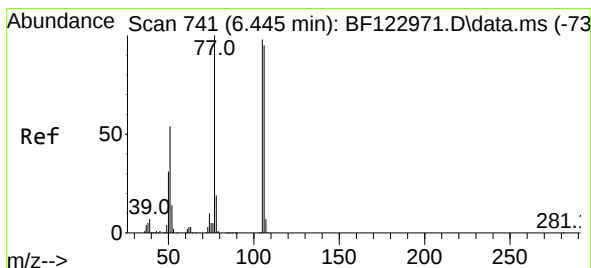
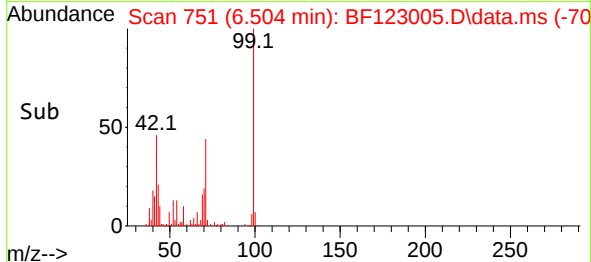
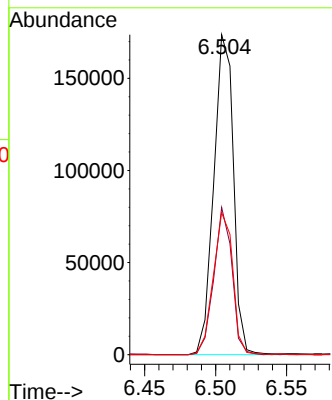
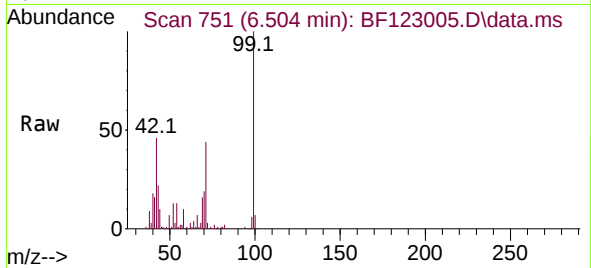




#7
Phenol-d6
Concen: 39.61 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF123005.D
Acq: 19 Jan 2021 00:44

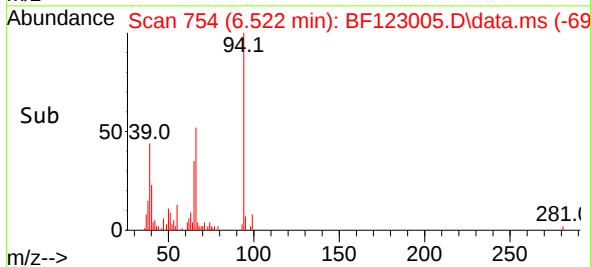
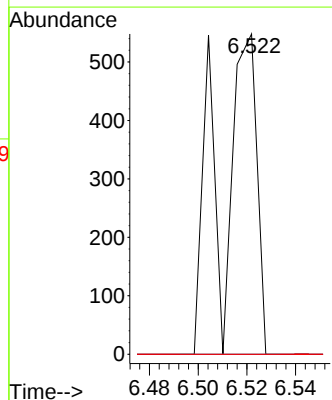
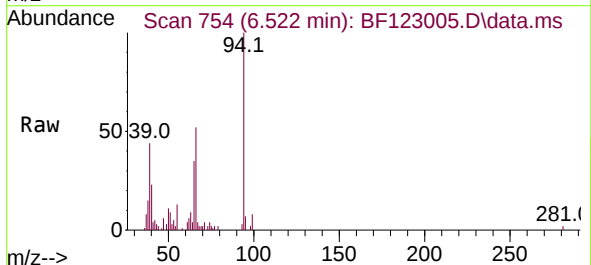
Instrument :
BNA_F
ClientSampled :
MW-4

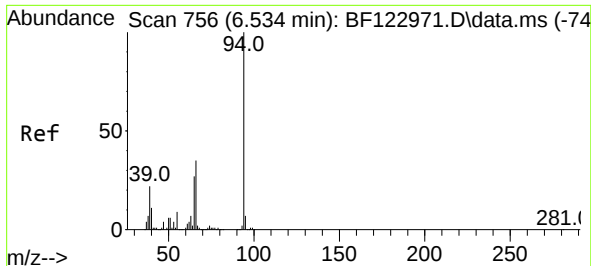
Tgt Ion: 99 Resp: 167163
Ion Ratio Lower Upper
99 100
42 46.0 13.8 20.6#
71 44.4 26.9 40.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.522 min Scan# 754
Delta R.T. 0.077 min
Lab File: BF123005.D
Acq: 19 Jan 2021 00:44

Tgt Ion: 77 Resp: 561
Ion Ratio Lower Upper
77 100
105 0.0 80.6 120.6#
106 0.0 77.2 117.2#

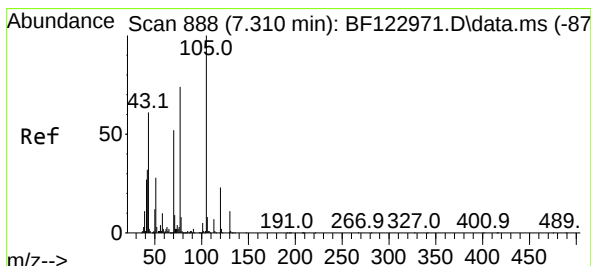
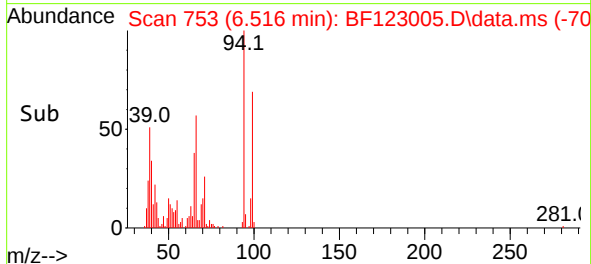
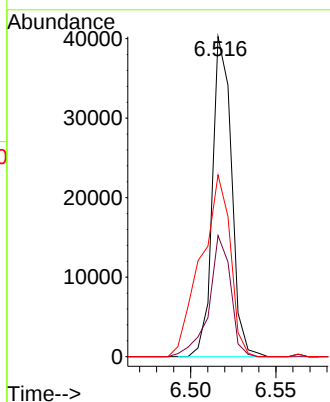
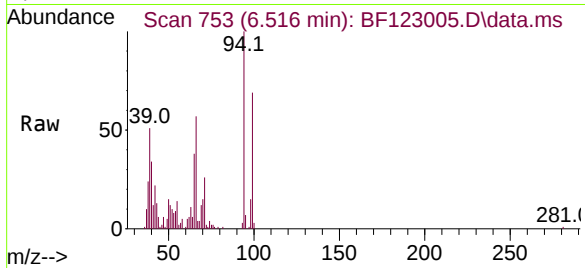




#10
Phenol
Concen: 7.41 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.018 min
Lab File: BF123005.D
Acq: 19 Jan 2021 00:44

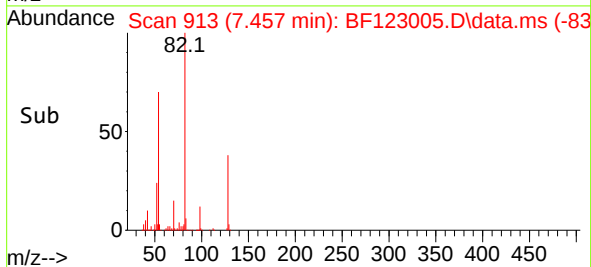
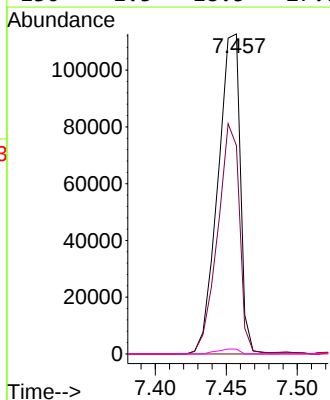
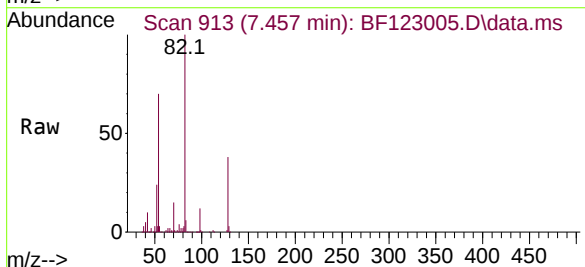
Instrument :
BNA_F
ClientSampleId :
MW-4

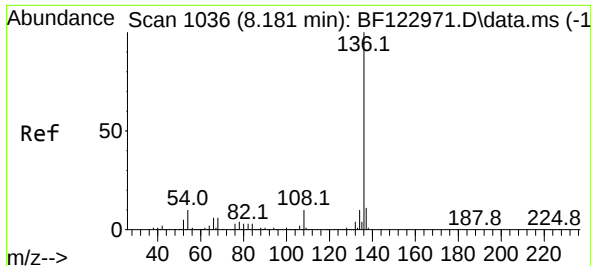
Tgt Ion: 94 Resp: 31424
Ion Ratio Lower Upper
94 100
65 37.8 11.2 51.2
66 56.8 25.8 65.8



#19
n-Nitroso-di-n-propylamine
Concen: 49.41 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF123005.D
Acq: 19 Jan 2021 00:44

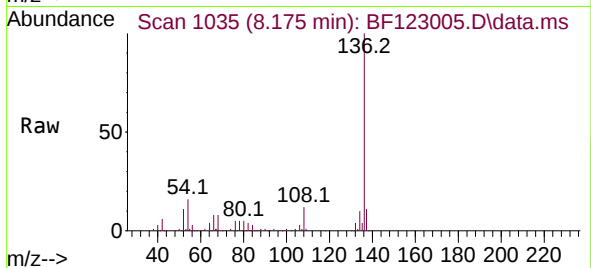
Tgt Ion: 70 Resp: 123538
Ion Ratio Lower Upper
70 100
42 65.1 43.0 64.4#
101 0.0 7.9 11.9#
130 1.5 18.5 27.7#



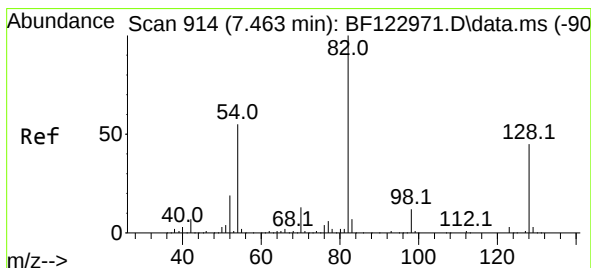
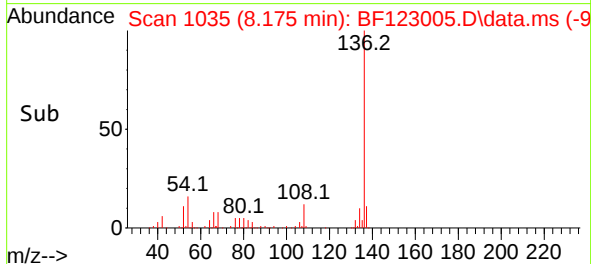
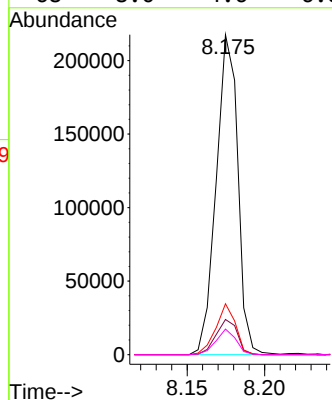


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123005.D
Acq: 19 Jan 2021 00:44

Instrument :
BNA_F
ClientSampleId :
MW-4

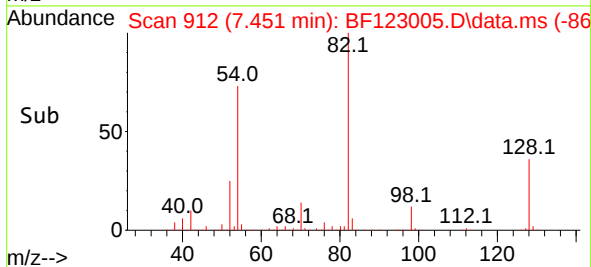
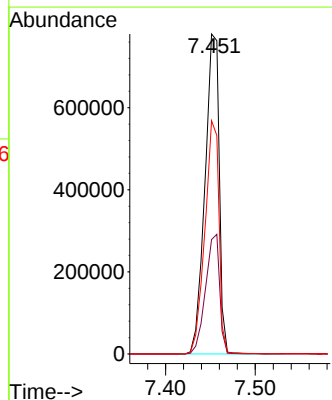
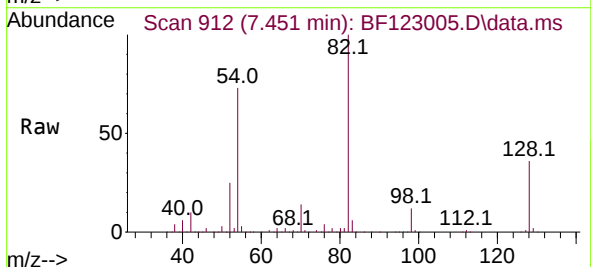


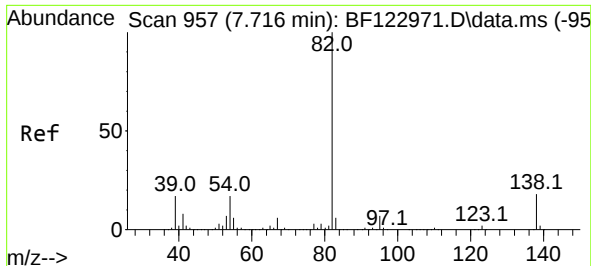
Tgt Ion:136 Resp: 211099
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 15.9 5.5 8.3#
68 8.0 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 210.29 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123005.D
Acq: 19 Jan 2021 00:44

Tgt Ion: 82 Resp: 862678
Ion Ratio Lower Upper
82 100
128 35.8 37.0 55.4#
54 72.9 38.4 57.6#

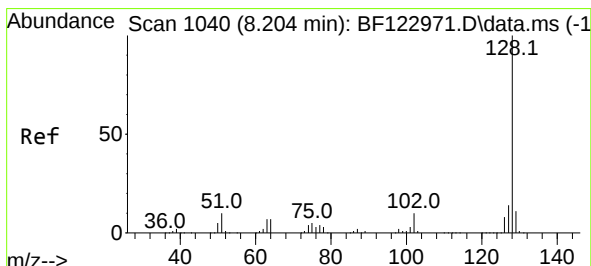
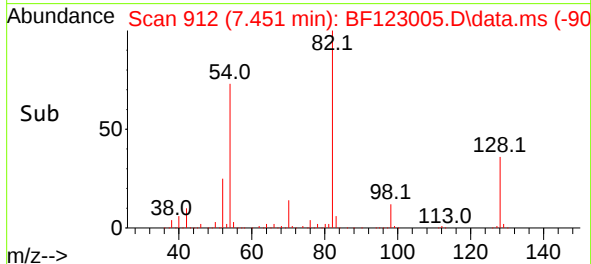
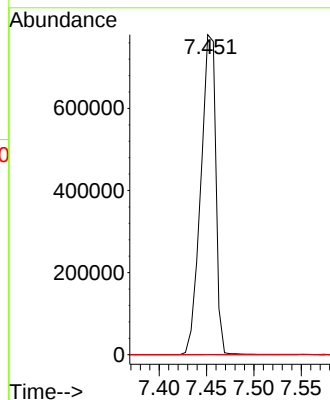
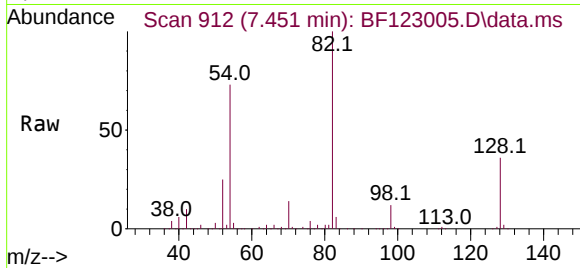




#25
Isophorone
Concen: 117.86 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123005.D
Acq: 19 Jan 2021 00:44

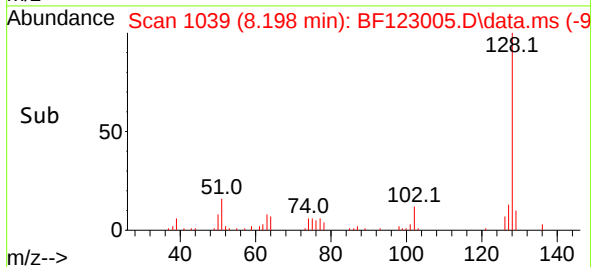
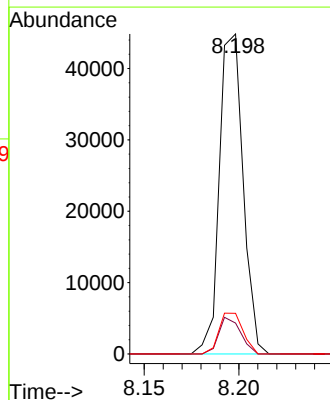
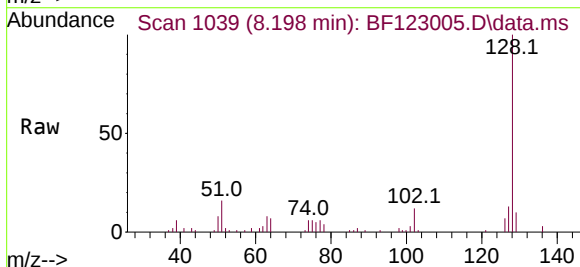
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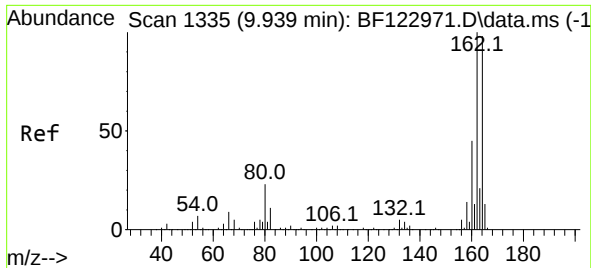
Tgt Ion: 82 Resp: 862664
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#31
Naphthalene
Concen: 3.60 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123005.D
Acq: 19 Jan 2021 00:44

Tgt Ion: 128 Resp: 39124
Ion Ratio Lower Upper
128 100
129 9.6 9.0 13.6
127 12.7 10.7 16.1

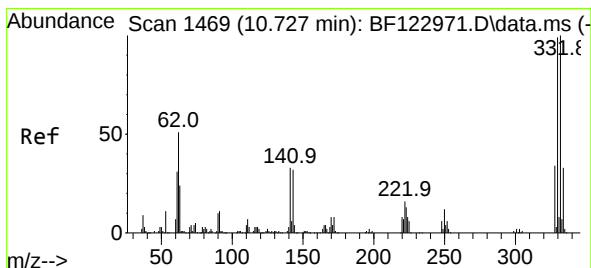
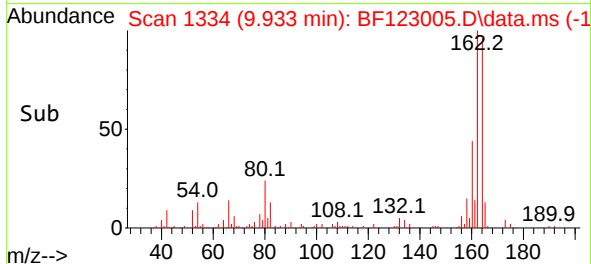
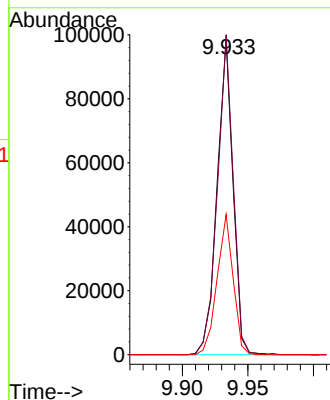
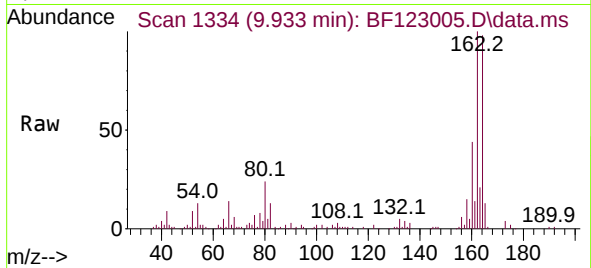




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123005.D
Acq: 19 Jan 2021 00:44

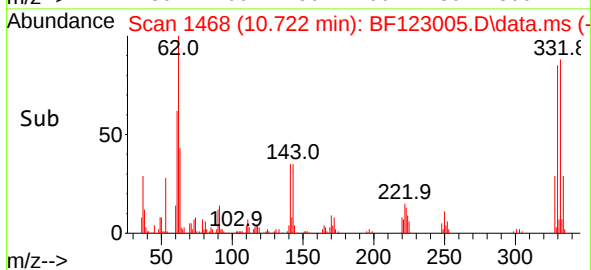
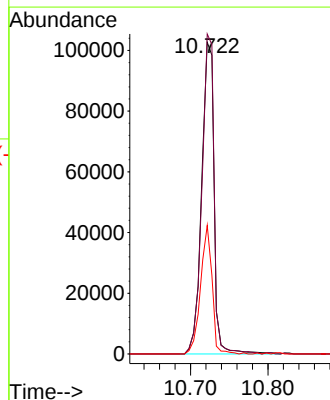
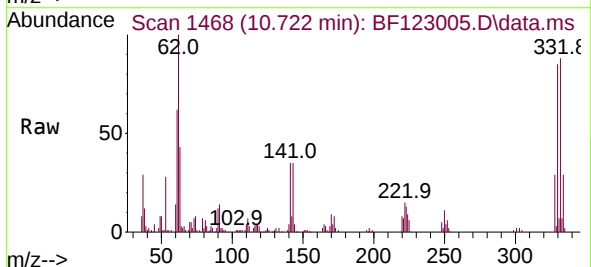
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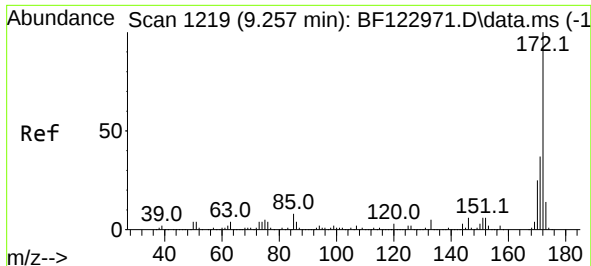
Tgt Ion:164 Resp: 83017
Ion Ratio Lower Upper
164 100
162 101.5 80.8 121.2
160 44.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 121.75 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.005 min
Lab File: BF123005.D
Acq: 19 Jan 2021 00:44

Tgt Ion:330 Resp: 114299
Ion Ratio Lower Upper
330 100
332 100.3 77.5 116.3
141 38.2 23.8 35.8#

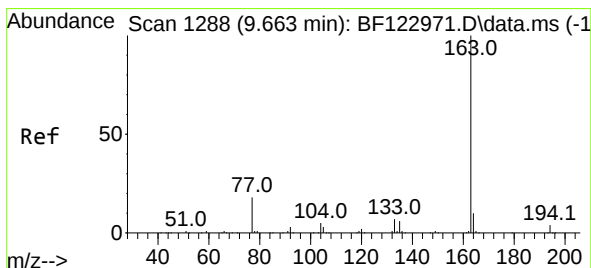
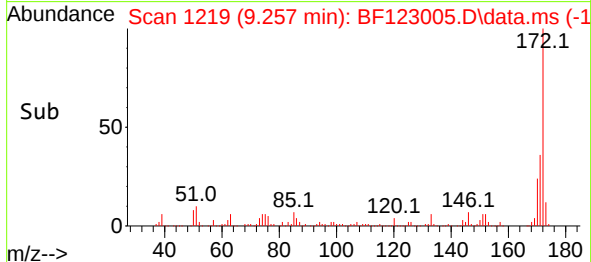
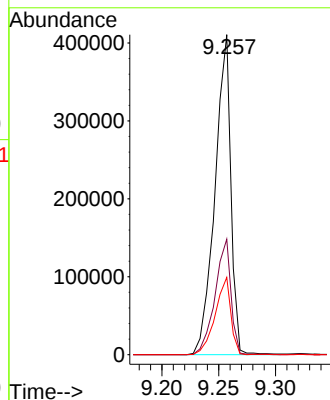
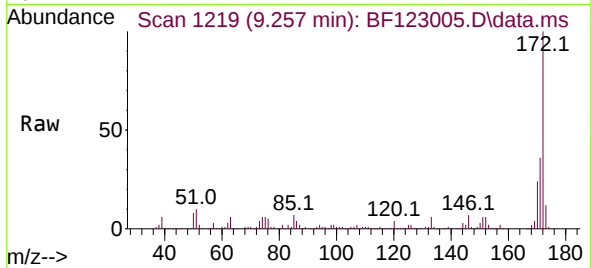




#45
2-Fluorobiphenyl
Concen: 67.62 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF123005.D
Acq: 19 Jan 2021 00:44

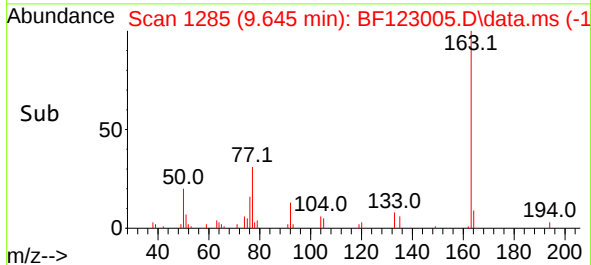
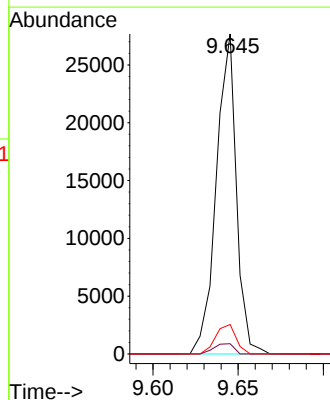
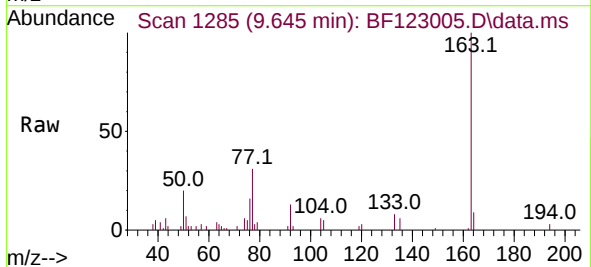
Instrument :
BNA_F
ClientSampleId :
MW-4

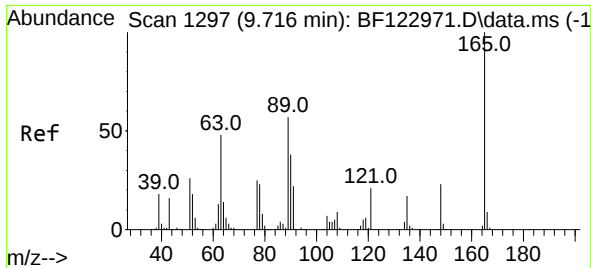
Tgt Ion:	172	Resp:	400895
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.6	44.4
170	24.1	19.5	29.3



#50
Dimethylphthalate
Concen: 3.51 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123005.D
Acq: 19 Jan 2021 00:44

Tgt Ion:	163	Resp:	22629
Ion Ratio	Lower	Upper	
163	100		
194	3.2	3.4	5.0#
164	9.2	8.1	12.1

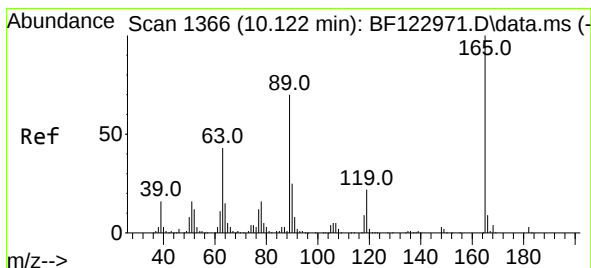
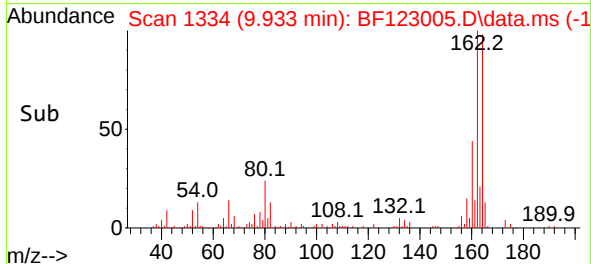
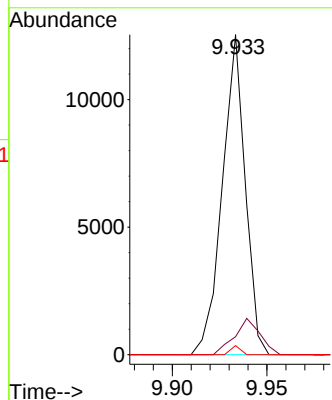
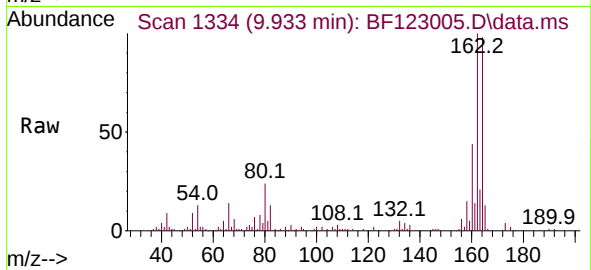




#51
2,6-Dinitrotoluene
Concen: 7.49 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF123005.D
Acq: 19 Jan 2021 00:44

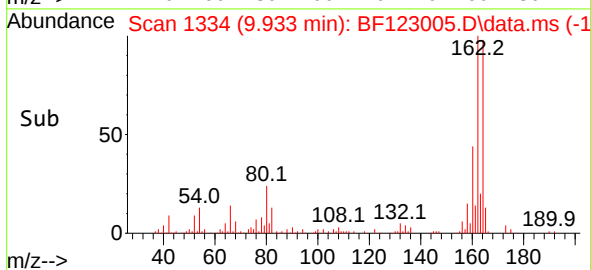
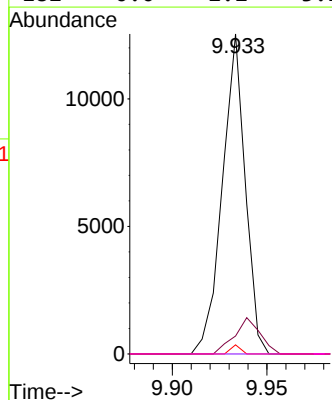
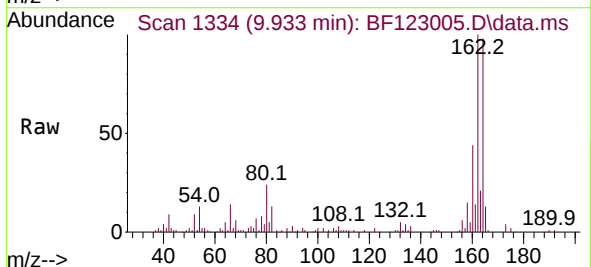
Instrument :
BNA_F
ClientSampled :
MW-4

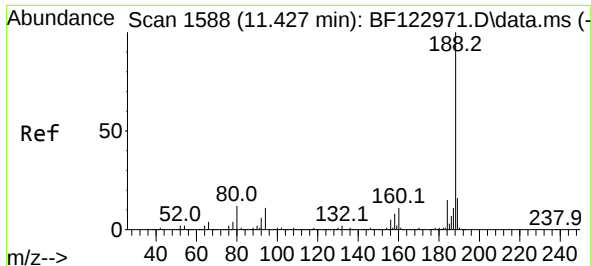
Tgt Ion:165 Resp: 10551
Ion Ratio Lower Upper
165 100
63 5.6 36.6 55.0#
89 2.9 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.82 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123005.D
Acq: 19 Jan 2021 00:44

Tgt Ion:165 Resp: 10551
Ion Ratio Lower Upper
165 100
63 5.6 34.3 51.5#
89 2.9 55.2 82.8#
182 0.0 2.2 3.2#

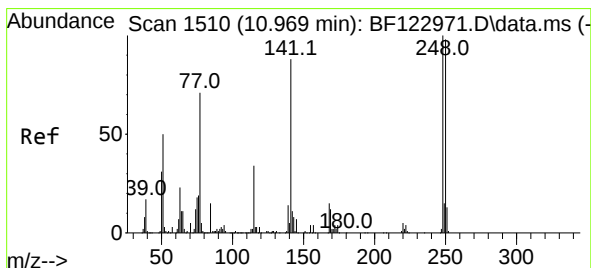
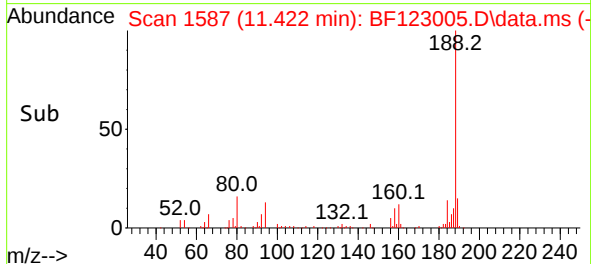
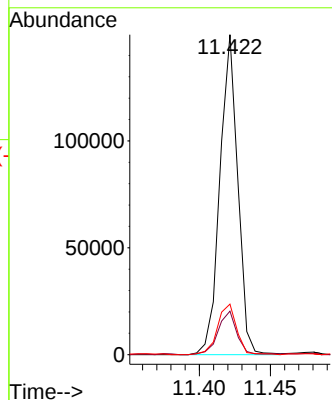
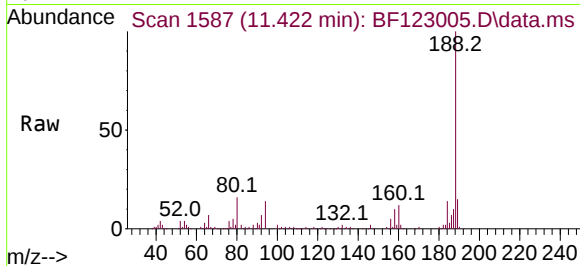




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF123005.D
Acq: 19 Jan 2021 00:44

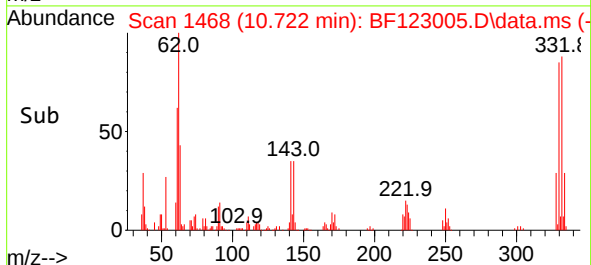
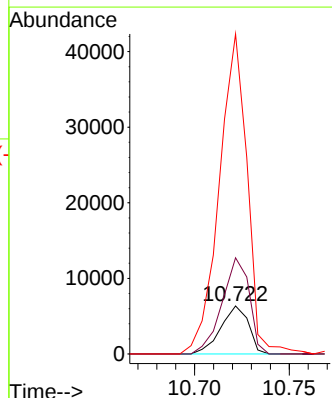
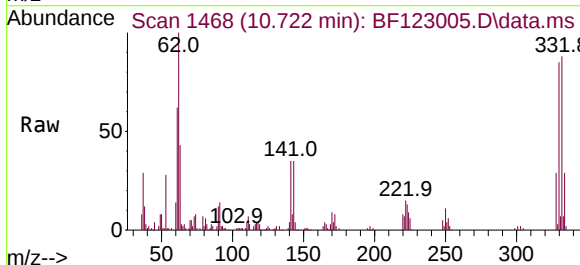
Instrument :
BNA_F
ClientSampled :
MW-4

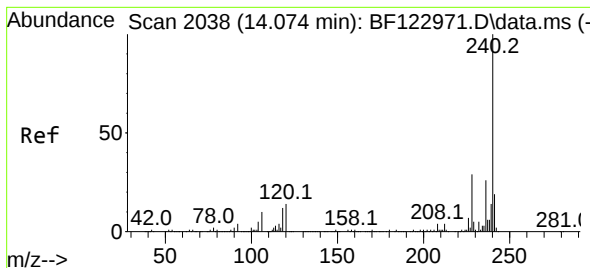
Tgt Ion:188 Resp: 131082
Ion Ratio Lower Upper
188 100
94 13.6 7.4 11.2#
80 15.8 8.2 12.4#



#67
4-Bromophenyl-phenylether
Concen: 4.03 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF123005.D
Acq: 19 Jan 2021 00:44

Tgt Ion:248 Resp: 6464
Ion Ratio Lower Upper
248 100
250 200.4 76.8 115.2#
141 666.7 59.8 89.8#

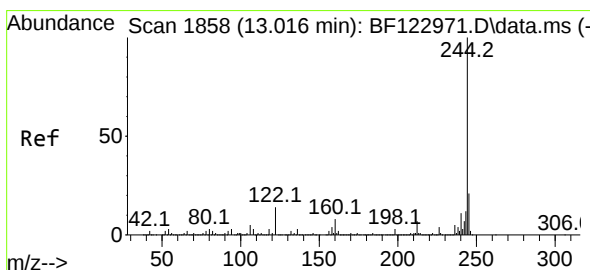
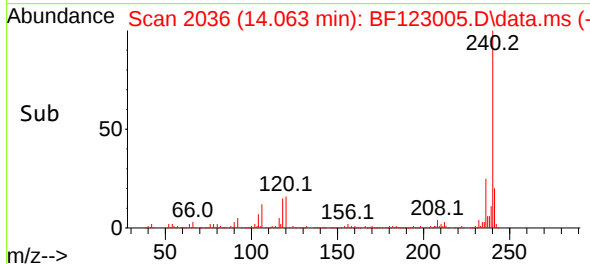
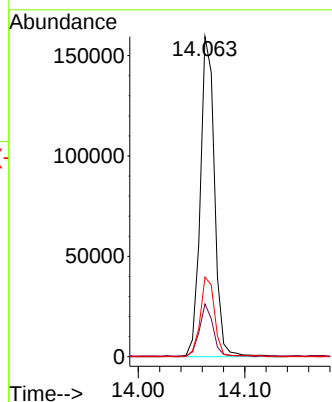
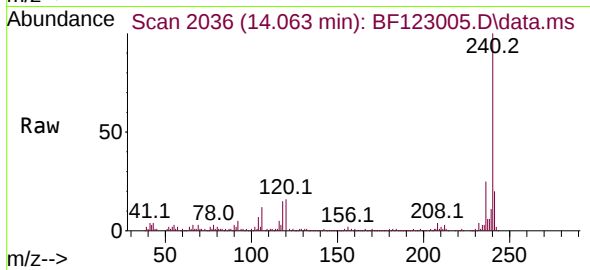




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF123005.D
Acq: 19 Jan 2021 00:44

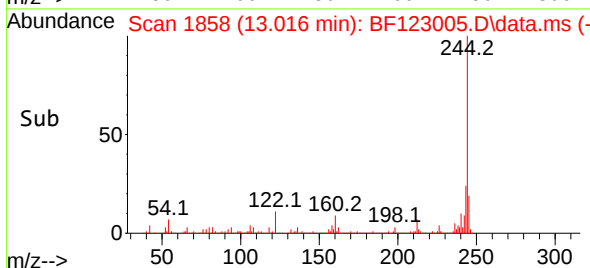
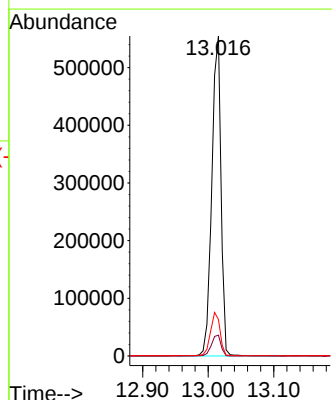
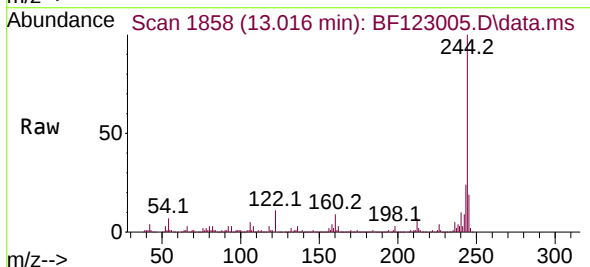
Instrument :
BNA_F
ClientSampled :
MW-4

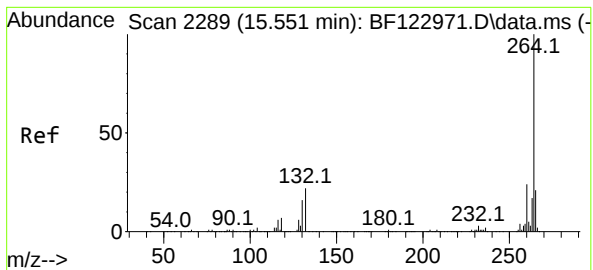
Tgt Ion:240 Resp: 148063
Ion Ratio Lower Upper
240 100
120 16.5 8.6 12.8#
236 24.9 20.3 30.5



#79
Terphenyl-d14
Concen: 67.24 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BF123005.D
Acq: 19 Jan 2021 00:44

Tgt Ion:244 Resp: 543009
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 11.4 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: BF123005.D
 Acq: 19 Jan 2021 00:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tgt Ion:264	Resp:	94387
Ion Ratio	Lower	Upper
264	100	
260	23.3	18.6 28.0
265	20.8	17.0 25.6

