

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
 Data File : BF123008.D
 Acq On : 19 Jan 2021 2:19
 Operator : JU/CG
 Sample : M1157-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Jan 19 03:04:55 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)

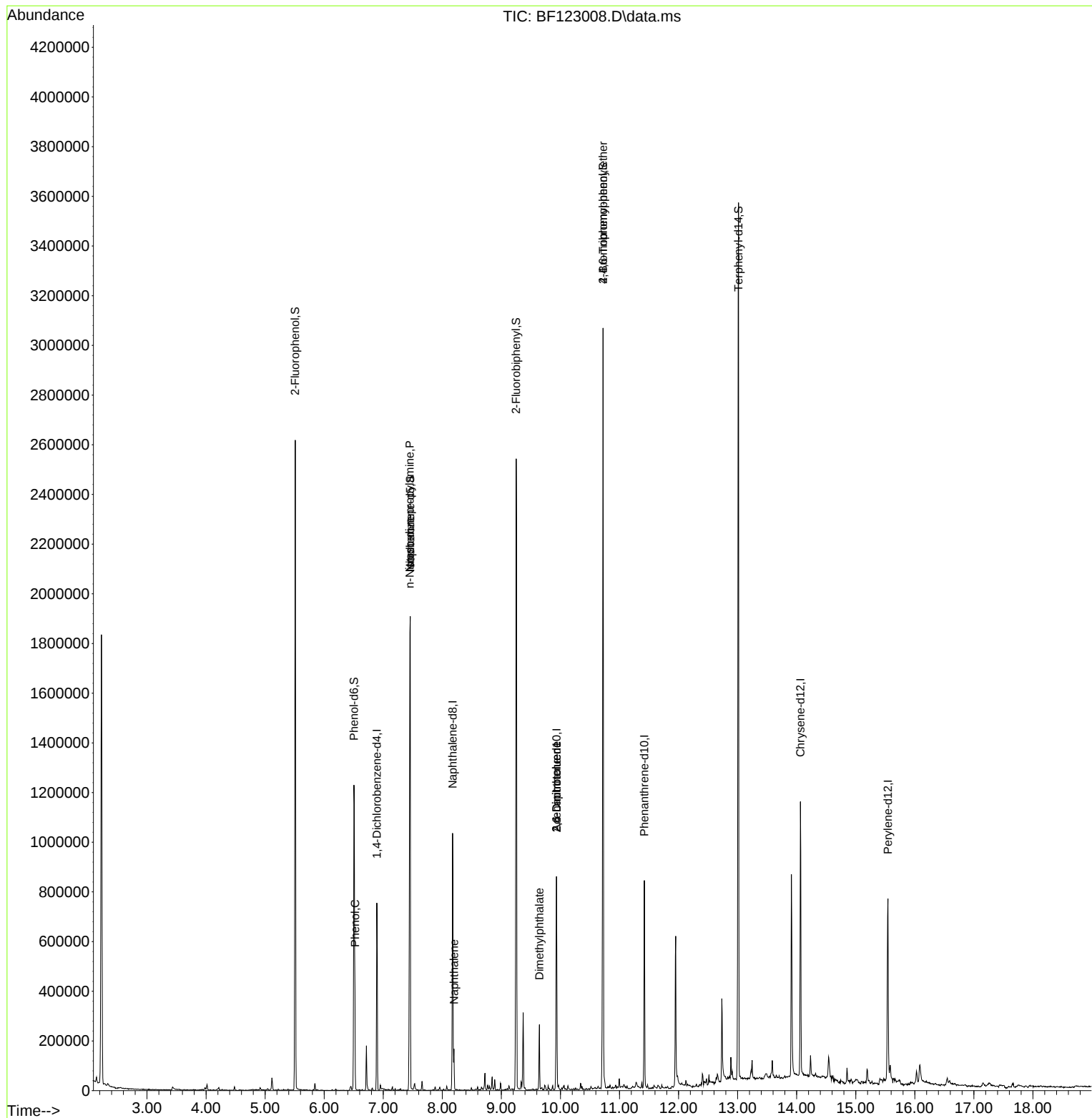
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	85467	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	424137	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	152215	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	255479	20.00	ng	# 0.00
76) Chrysene-d12	14.063	240	345490	20.00	ng	#-0.01
86) Perylene-d12	15.545	264	297489	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	560939	99.21	ng	0.00
7) Phenol-d6	6.504	99	334335	44.00	ng	-0.02
23) Nitrobenzene-d5	7.457	82	642715	77.98	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	317675	184.55	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	780463	71.80	ng	0.00
79) Terphenyl-d14	13.016	244	1048414	55.64	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.439	77	294	Below Cal	#	81
10) Phenol	6.522	94	87220	11.43	ng	94
19) n-Nitroso-di-n-propyla...	7.451	70	92556	20.56	ng	# 62
25) Isophorone	7.457	82	642707	43.71	ng	# 65
31) Naphthalene	8.198	128	56514	2.59	ng	99
50) Dimethylphthalate	9.645	163	78826	6.67	ng	99
51) 2,6-Dinitrotoluene	9.933	165	19365	7.49	ng	# 36
57) 2,4-Dinitrotoluene	9.933	165	19365	5.83	ng	# 29
67) 4-Bromophenyl-phenylether	10.722	248	18216	5.83	ng	# 1

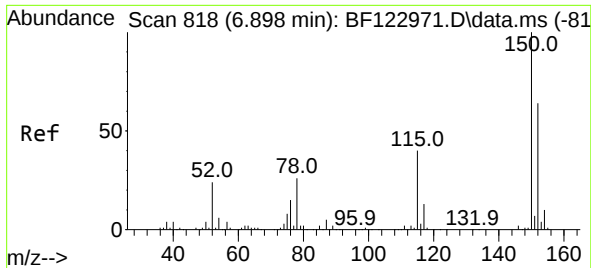
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
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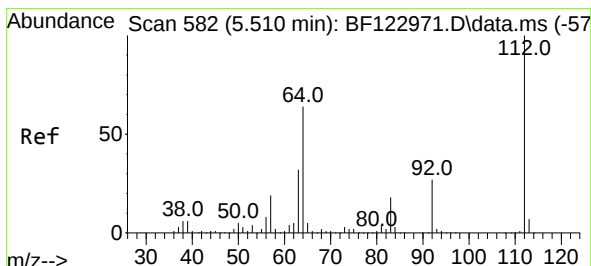
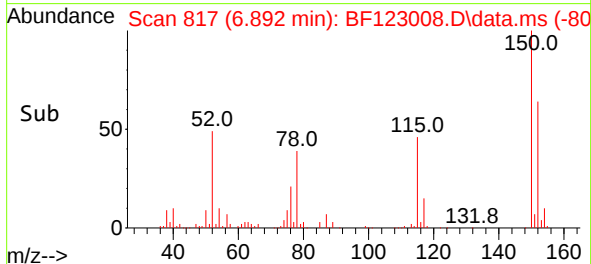
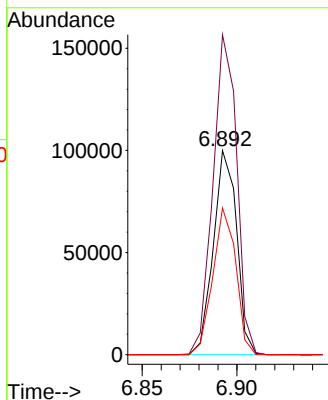
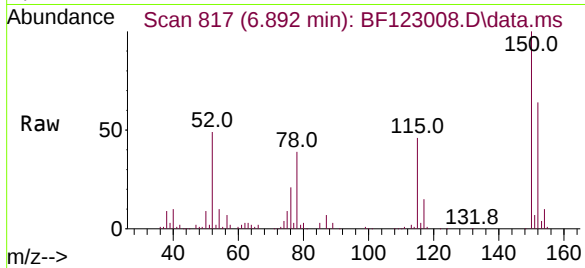




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF123008.D
Acq: 19 Jan 2021 2:19

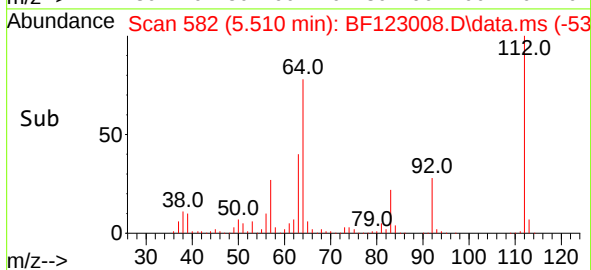
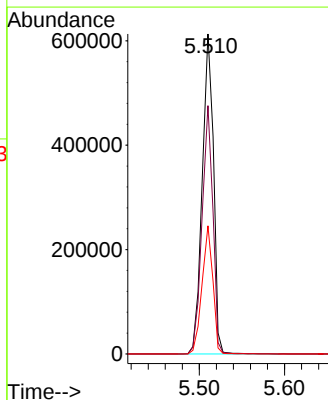
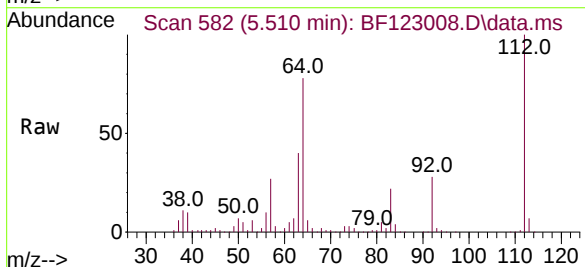
Instrument :
BNA_F
ClientSampled :
MW-2

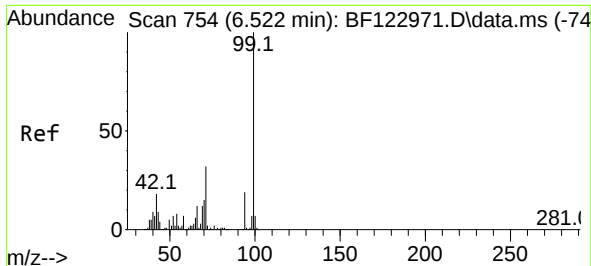
Tgt Ion:152 Resp: 85467
Ion Ratio Lower Upper
152 100
150 156.7 125.8 188.6
115 71.9 49.3 73.9



#5
2-Fluorophenol
Concen: 99.21 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF123008.D
Acq: 19 Jan 2021 2:19

Tgt Ion:112 Resp: 560939
Ion Ratio Lower Upper
112 100
64 77.6 46.9 70.3#
63 40.0 24.5 36.7#

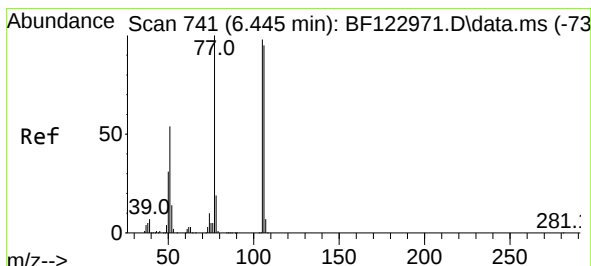
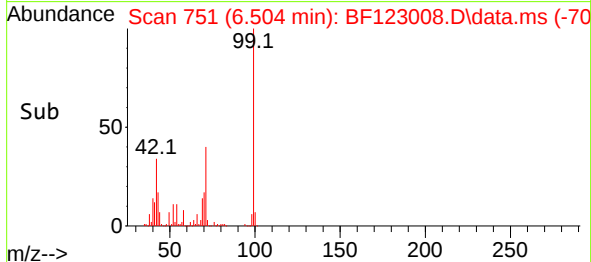
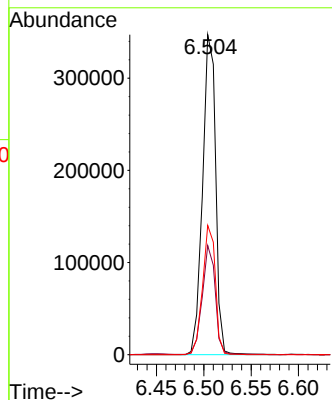
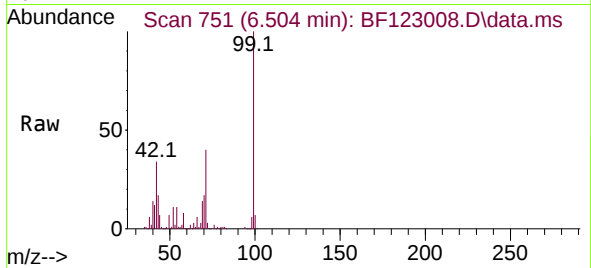




#7
Phenol-d6
Concen: 44.00 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF123008.D
Acq: 19 Jan 2021 2:19

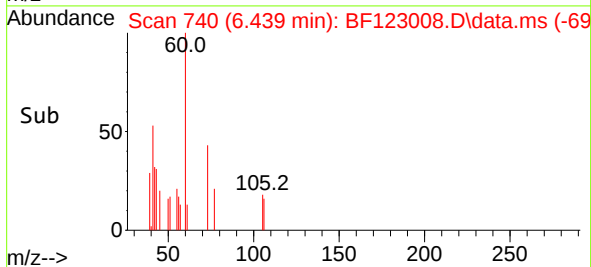
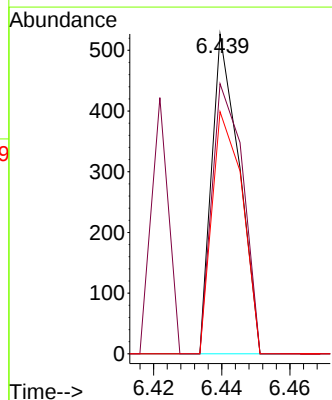
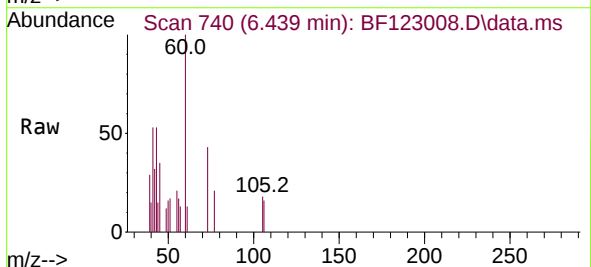
Instrument :
BNA_F
ClientSampleId :
MW-2

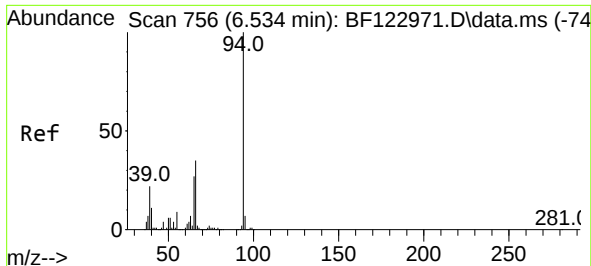
Tgt Ion: 99 Resp: 334335
Ion Ratio Lower Upper
99 100
42 34.1 13.8 20.6#
71 40.4 26.9 40.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF123008.D
Acq: 19 Jan 2021 2:19

Tgt Ion: 77 Resp: 294
Ion Ratio Lower Upper
77 100
105 84.4 80.6 120.6
106 75.7 77.2 117.2#

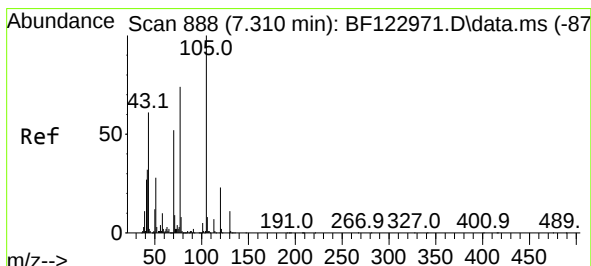
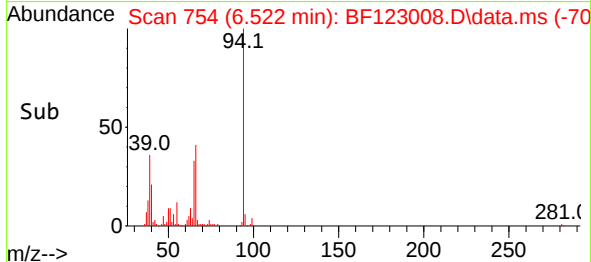
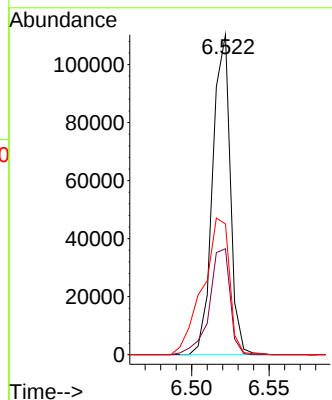
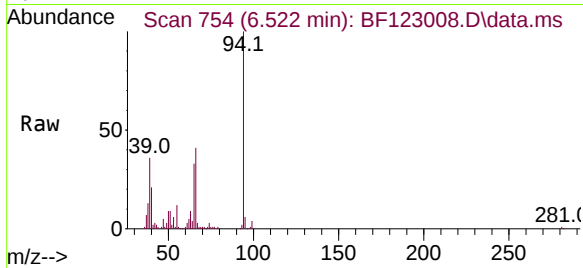




#10
Phenol
Concen: 11.43 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF123008.D
Acq: 19 Jan 2021 2:19

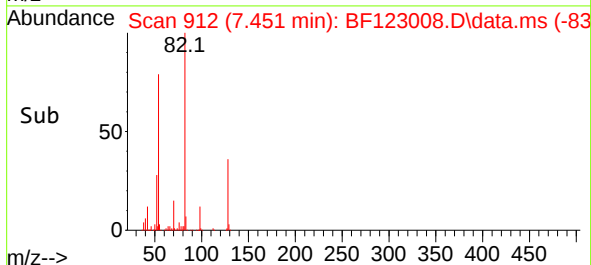
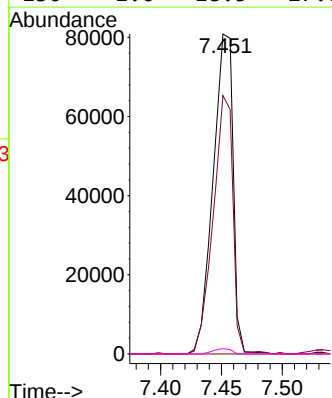
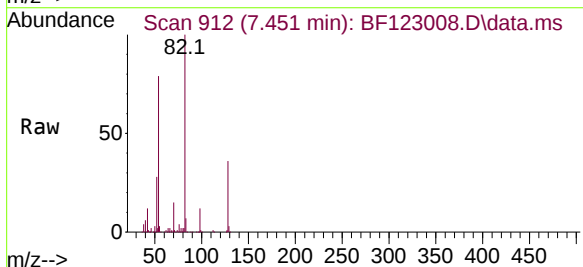
Instrument :
BNA_F
ClientSampled :
MW-2

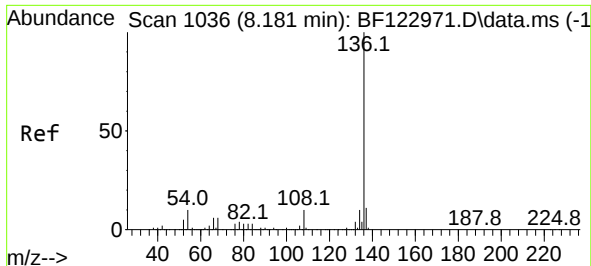
Tgt Ion: 94 Resp: 87220
Ion Ratio Lower Upper
94 100
65 33.1 11.2 51.2
66 40.9 25.8 65.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.56 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123008.D
Acq: 19 Jan 2021 2:19

Tgt Ion: 70 Resp: 92556
Ion Ratio Lower Upper
70 100
42 80.8 43.0 64.4#
101 0.0 7.9 11.9#
130 1.6 18.5 27.7#

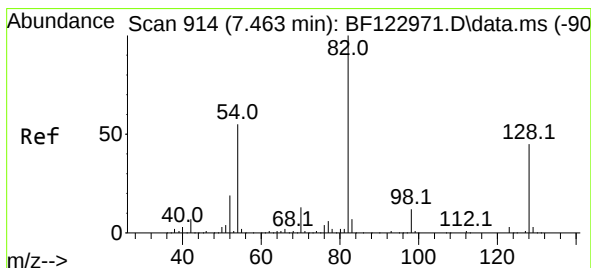
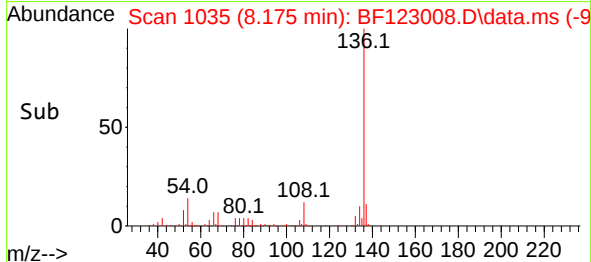
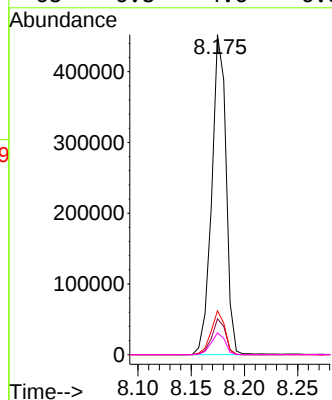
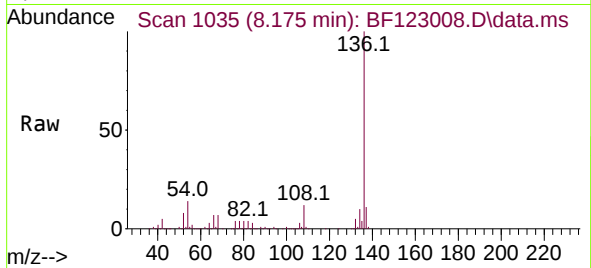




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123008.D
Acq: 19 Jan 2021 2:19

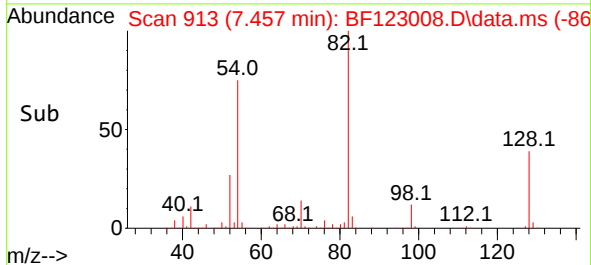
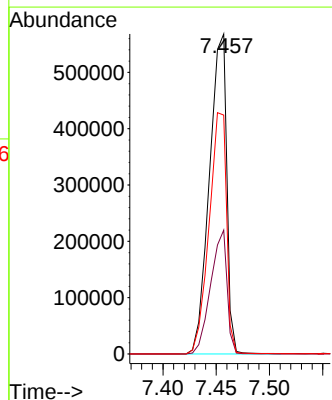
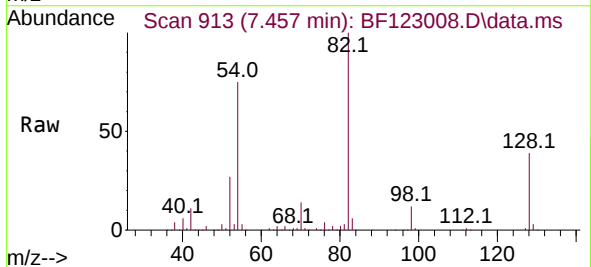
Instrument :
BNA_F
ClientSampled :
MW-2

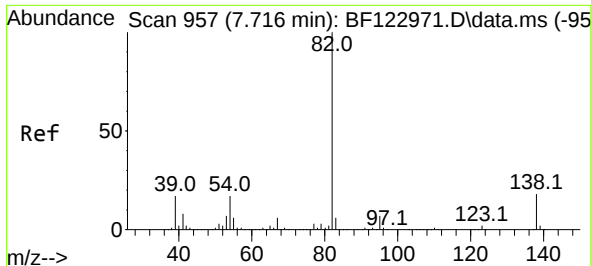
Tgt Ion:136	Resp:	424137
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	13.7	5.5 8.3#
68	6.8	4.6 6.8



#23
Nitrobenzene-d5
Concen: 77.98 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123008.D
Acq: 19 Jan 2021 2:19

Tgt Ion: 82	Resp:	642715
Ion Ratio	Lower	Upper
82	100	
128	38.7	37.0 55.4
54	74.6	38.4 57.6#

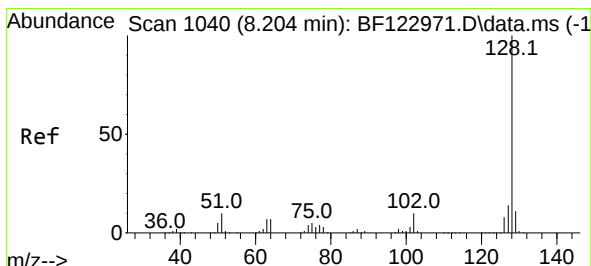
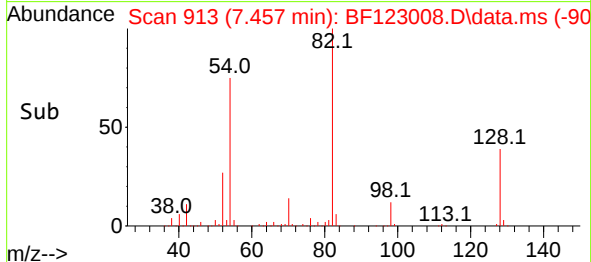
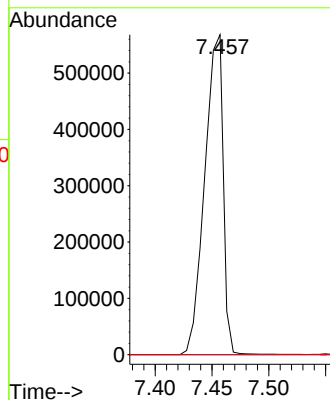
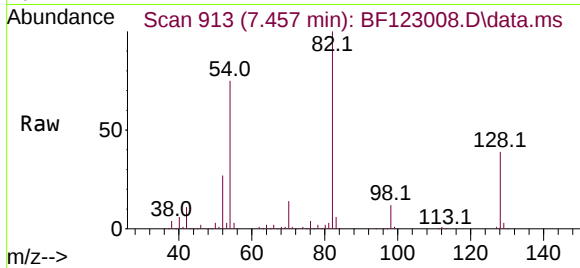




#25
Isophorone
Concen: 43.71 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.259 min
Lab File: BF123008.D
Acq: 19 Jan 2021 2:19

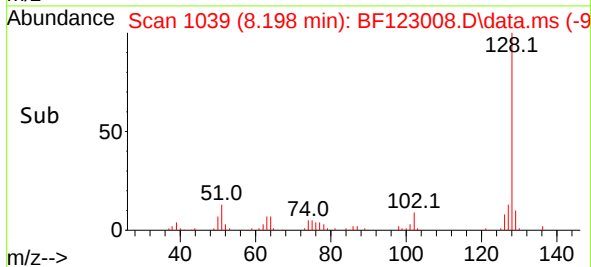
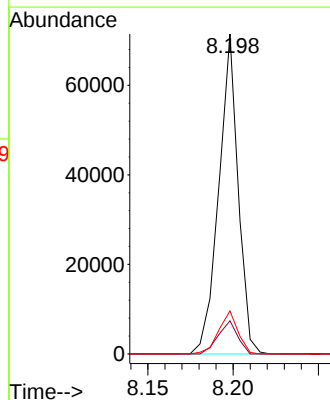
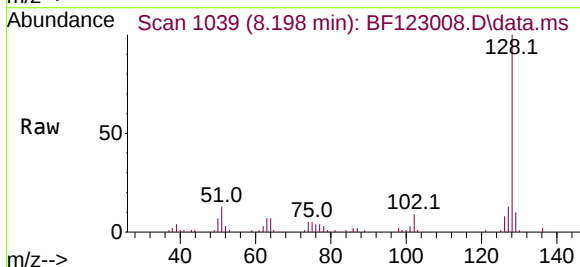
Instrument :
BNA_F
ClientSampleId :
MW-2

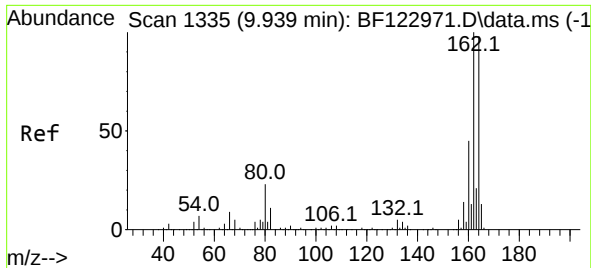
Tgt Ion: 82 Resp: 642707
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#31
Naphthalene
Concen: 2.59 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123008.D
Acq: 19 Jan 2021 2:19

Tgt Ion: 128 Resp: 56514
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.6
127 13.4 10.7 16.1

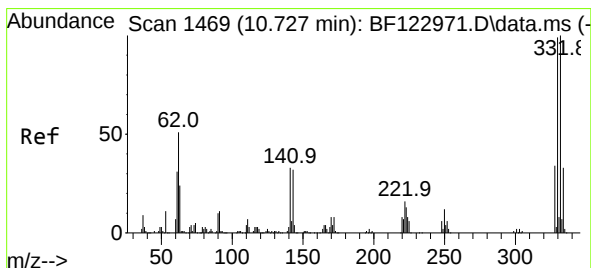
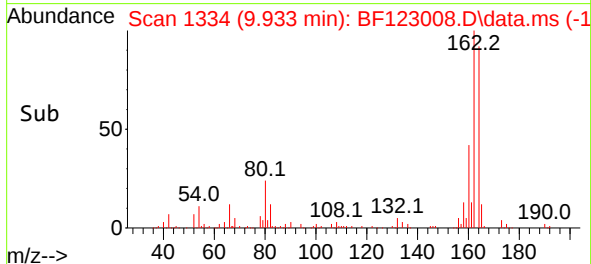
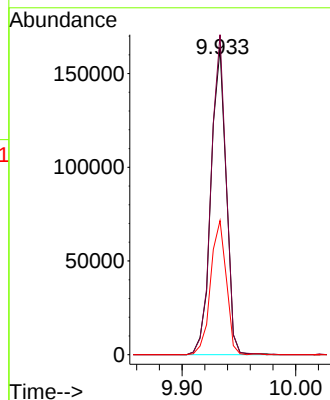
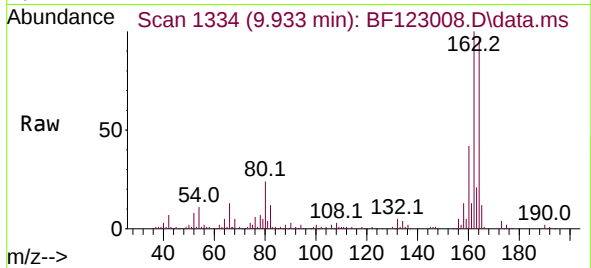




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123008.D
Acq: 19 Jan 2021 2:19

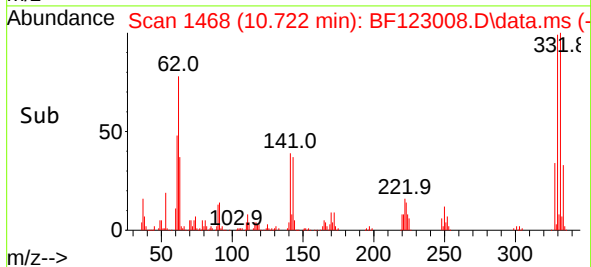
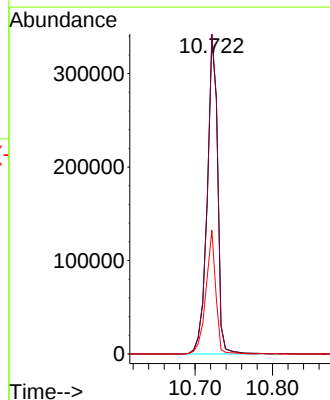
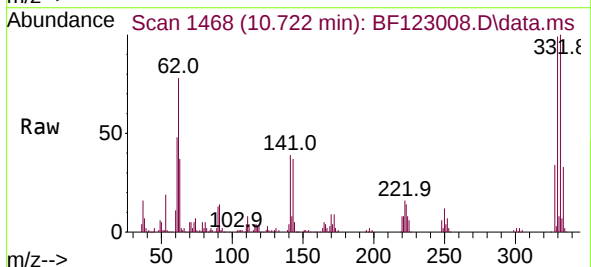
Instrument :
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ClientSampled :
MW-2

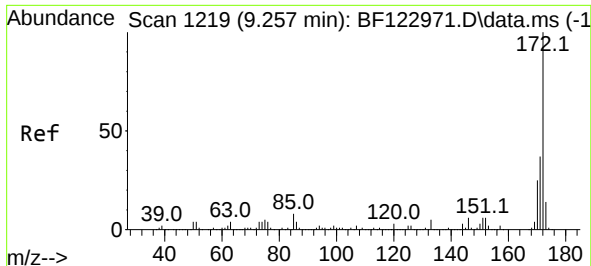
Tgt Ion:164 Resp: 152215
Ion Ratio Lower Upper
164 100
162 104.4 80.8 121.2
160 43.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 184.55 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.005 min
Lab File: BF123008.D
Acq: 19 Jan 2021 2:19

Tgt Ion:330 Resp: 317675
Ion Ratio Lower Upper
330 100
332 100.5 77.5 116.3
141 36.7 23.8 35.8#

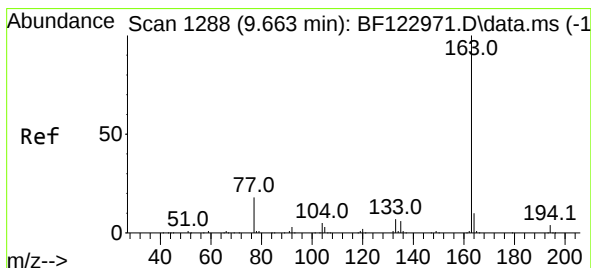
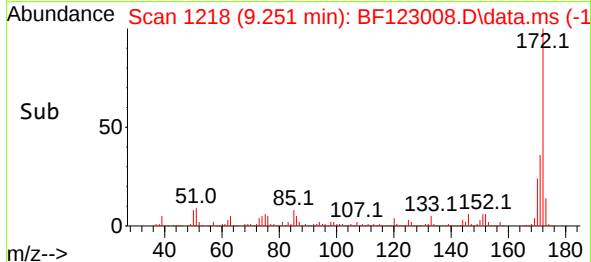
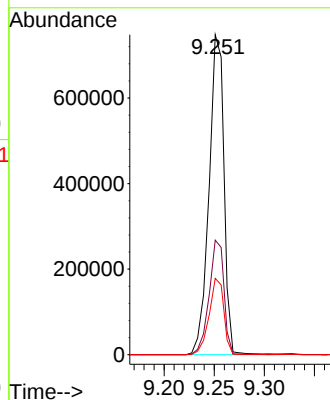
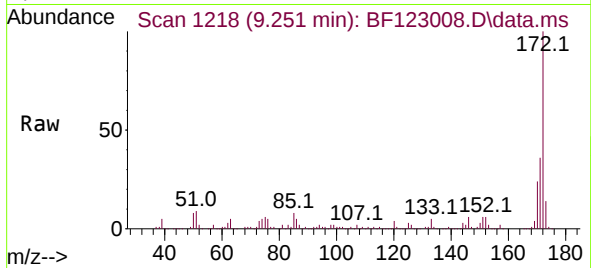




#45
2-Fluorobiphenyl
Concen: 71.80 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF123008.D
Acq: 19 Jan 2021 2:19

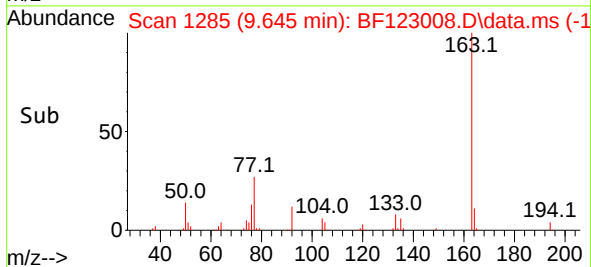
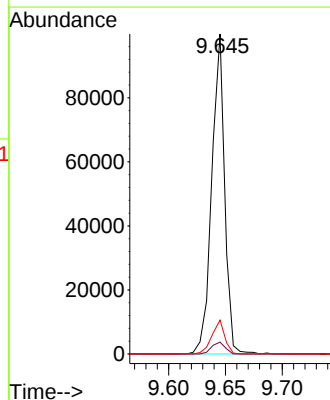
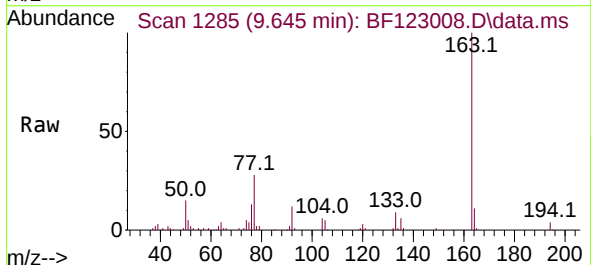
Instrument :
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ClientSampled :
MW-2

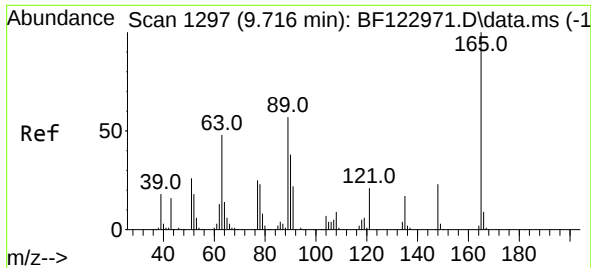
Tgt Ion:172 Resp: 780463
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.8 19.5 29.3



#50
Dimethylphthalate
Concen: 6.67 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123008.D
Acq: 19 Jan 2021 2:19

Tgt Ion:163 Resp: 78826
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.6 8.1 12.1

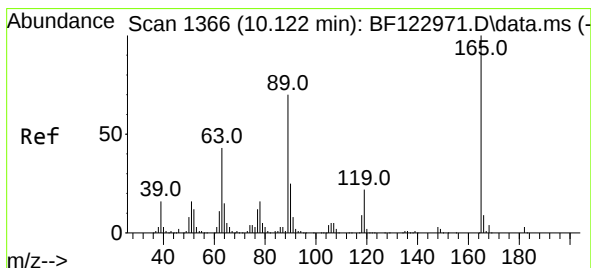
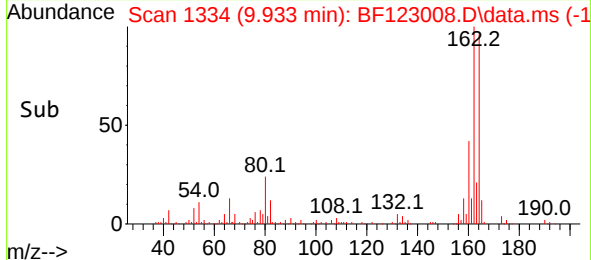
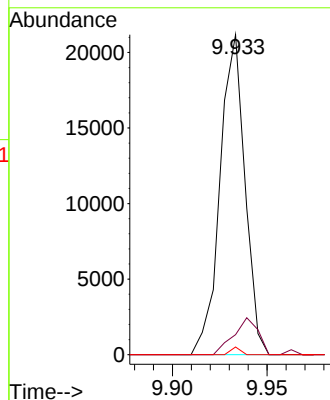
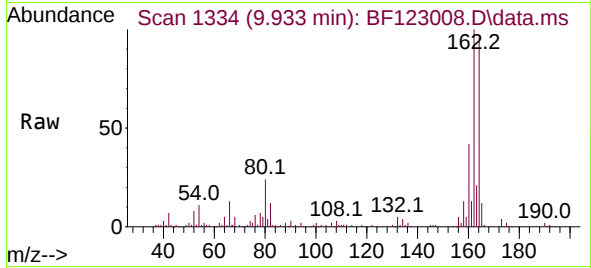




#51
2,6-Dinitrotoluene
Concen: 7.49 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF123008.D
Acq: 19 Jan 2021 2:19

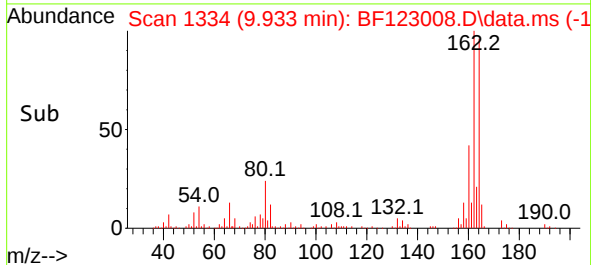
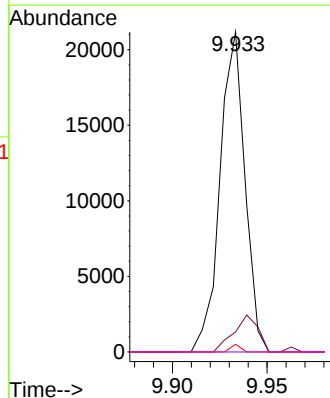
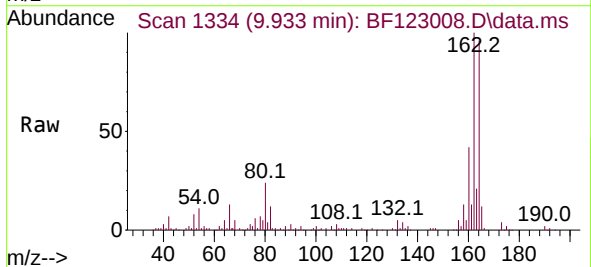
Instrument :
BNA_F
ClientSampled :
MW-2

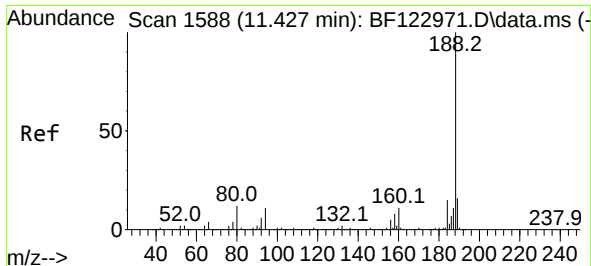
Tgt Ion:165 Resp: 19365
Ion Ratio Lower Upper
165 100
63 6.3 36.6 55.0#
89 2.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.83 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123008.D
Acq: 19 Jan 2021 2:19

Tgt Ion:165 Resp: 19365
Ion Ratio Lower Upper
165 100
63 6.3 34.3 51.5#
89 2.4 55.2 82.8#
182 0.0 2.2 3.2#

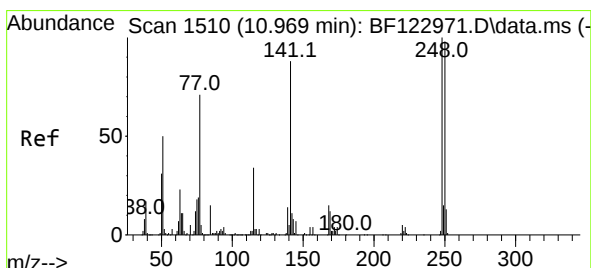
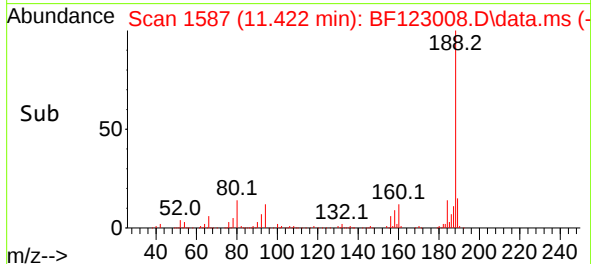
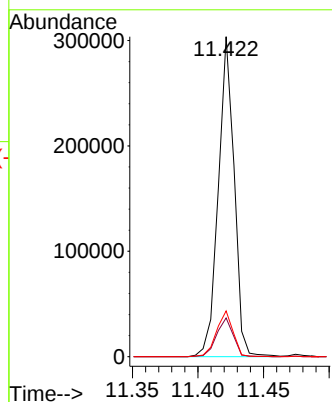
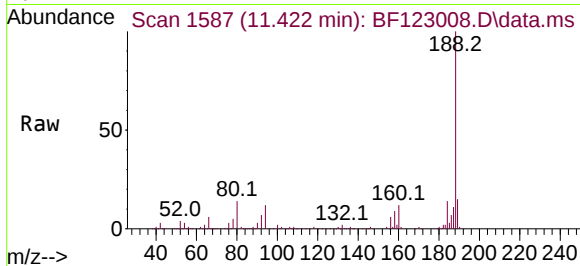




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF123008.D
Acq: 19 Jan 2021 2:19

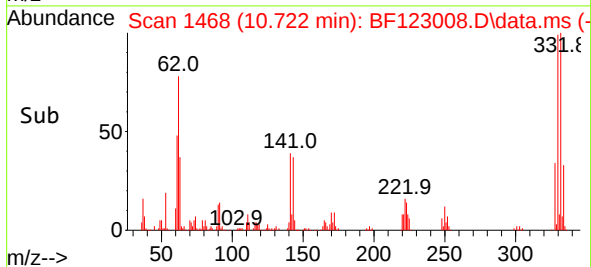
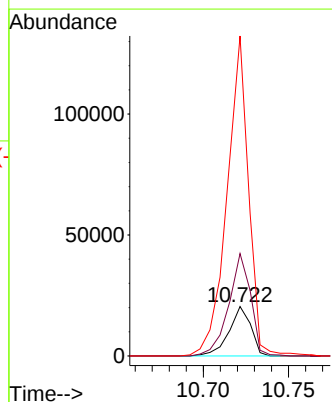
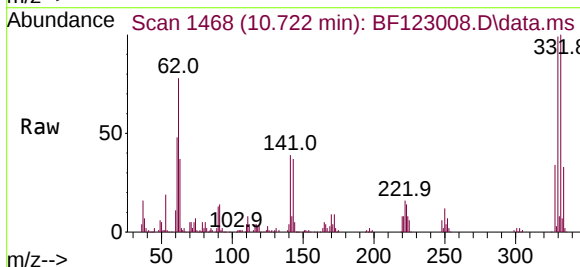
Instrument :
BNA_F
ClientSampled :
MW-2

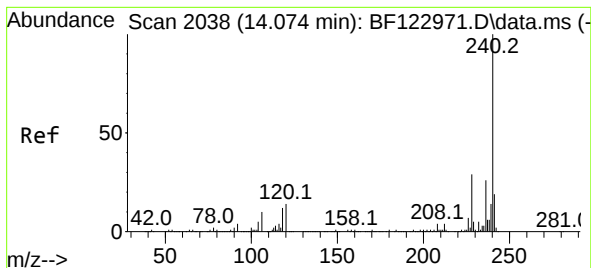
Tgt Ion:188 Resp: 255479
Ion Ratio Lower Upper
188 100
94 12.1 7.4 11.2#
80 14.3 8.2 12.4#



#67
4-Bromophenyl-phenylether
Concen: 5.83 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF123008.D
Acq: 19 Jan 2021 2:19

Tgt Ion:248 Resp: 18216
Ion Ratio Lower Upper
248 100
250 207.1 76.8 115.2#
141 647.7 59.8 89.8#

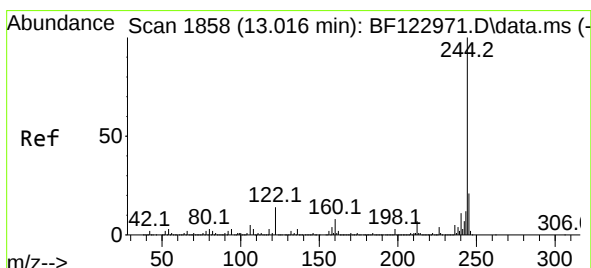
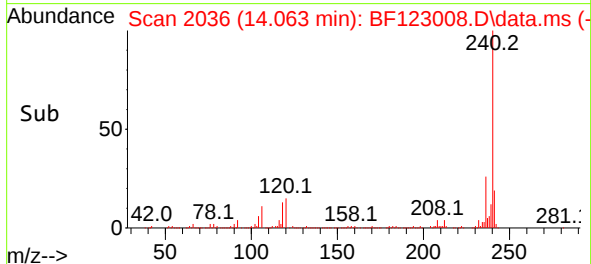
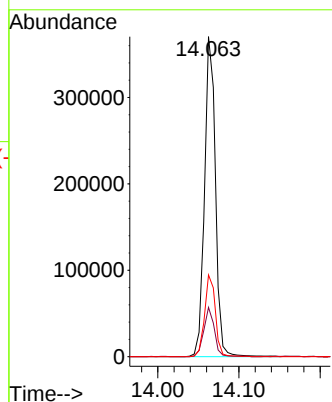
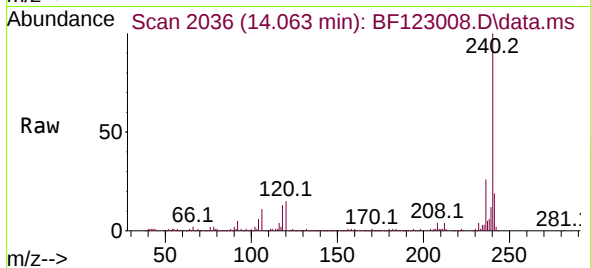




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF123008.D
Acq: 19 Jan 2021 2:19

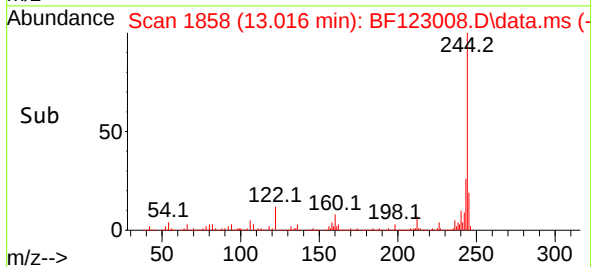
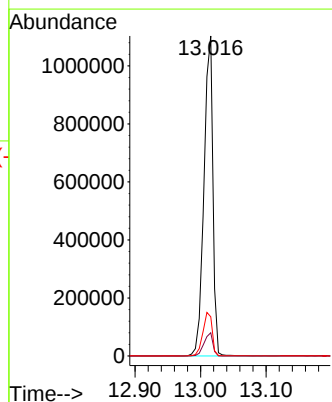
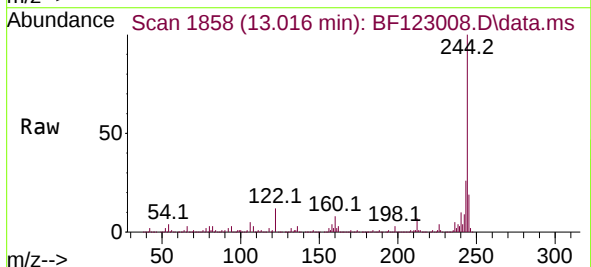
Instrument :
BNA_F
ClientSampled :
MW-2

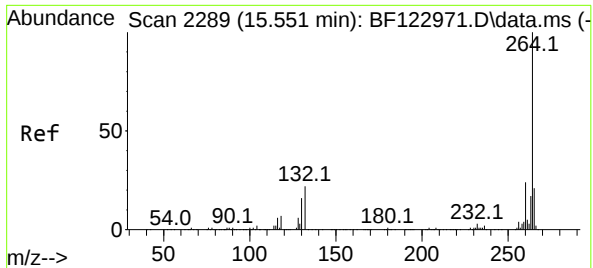
Tgt Ion:240 Resp: 345490
Ion Ratio Lower Upper
240 100
120 15.4 8.6 12.8#
236 25.5 20.3 30.5



#79
Terphenyl-d14
Concen: 55.64 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BF123008.D
Acq: 19 Jan 2021 2:19

Tgt Ion:244 Resp: 1048414
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 12.2 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: BF123008.D
Acq: 19 Jan 2021 2:19

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:264	Resp:	297489
Ion Ratio	Lower	Upper
264	100	
260	24.5	18.6 28.0
265	21.2	17.0 25.6

