

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020321\
 Data File : BF123100.D
 Acq On : 3 Feb 2021 13:02
 Operator : JU/CG
 Sample : M1292-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU421-009-0205

Quant Time: Feb 03 13:58:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

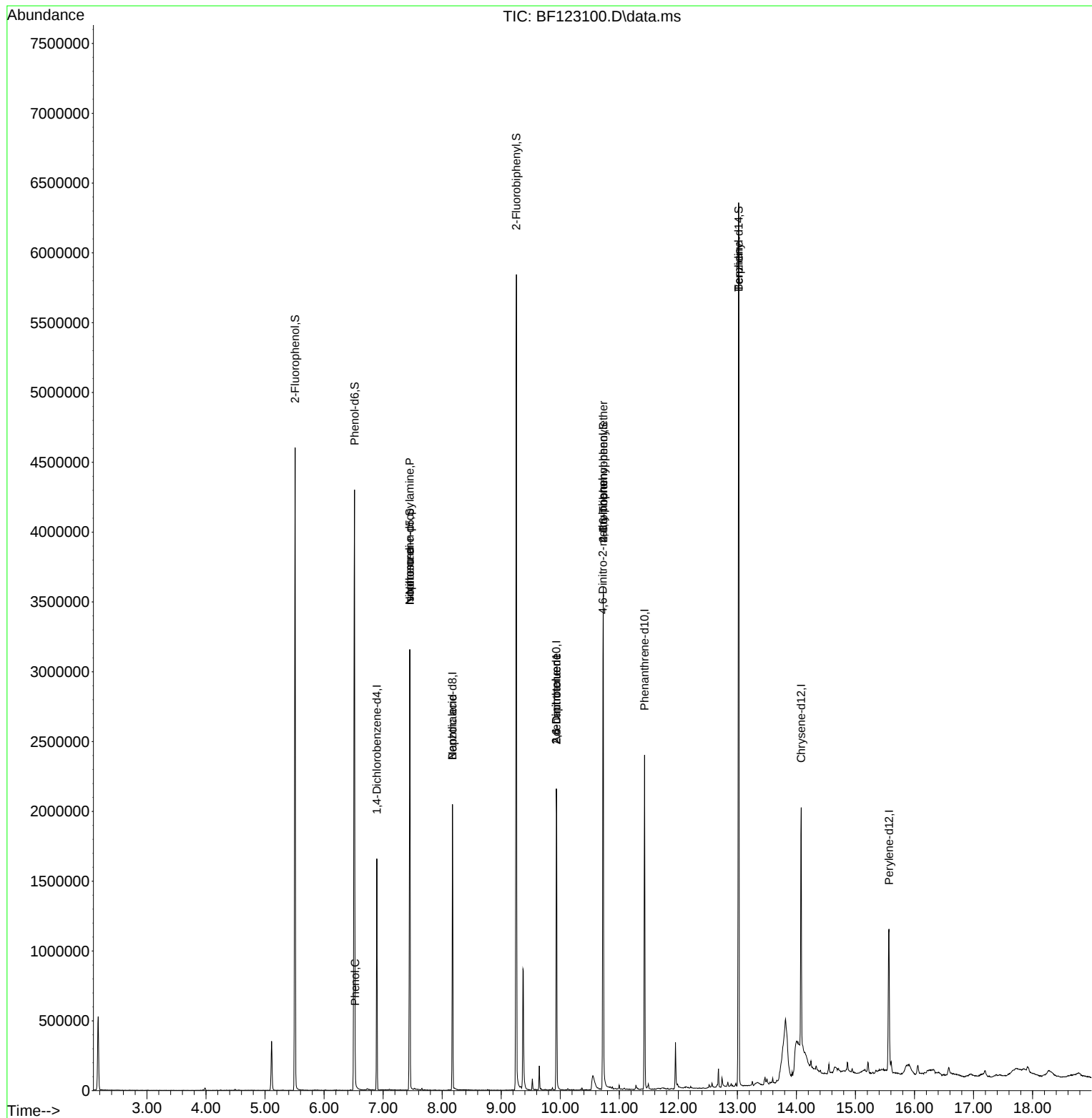
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	219642	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	844214	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	459704	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	833356	20.00	ng	0.00
76) Chrysene-d12	14.080	240	619190	20.00	ng	0.00
86) Perylene-d12	15.568	264	518118	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1265757	88.89	ng	0.00
7) Phenol-d6	6.516	99	1593111	82.54	ng	0.00
23) Nitrobenzene-d5	7.451	82	1019149	60.76	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	466948	93.57	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1855332	60.00	ng	0.00
79) Terphenyl-d14	13.021	244	2079446	65.98	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.528	94	59394	3.10	ng	88
19) n-Nitroso-di-n-propyla...	7.451	70	135803	11.70	ng	# 80
25) Isophorone	7.451	82	1019140	33.17	ng	# 65
32) Benzoic acid	8.175	122	149	4.93	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	59726	7.77	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	59727	5.98	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.721	198	935	5.16	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	30706	2.89	ng	# 1
77) Benzidine	13.021	184	28256	2.02	ng	# 94

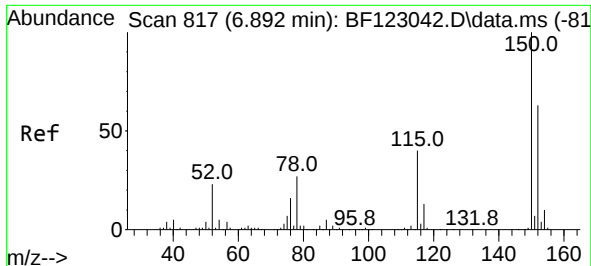
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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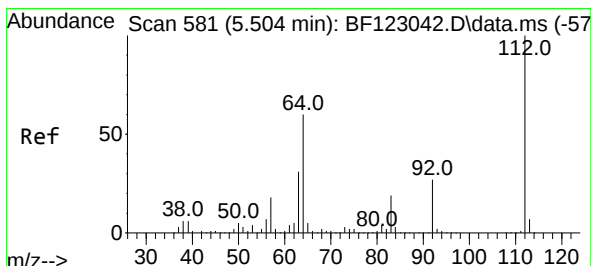
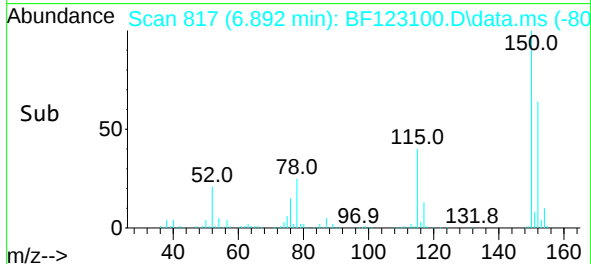
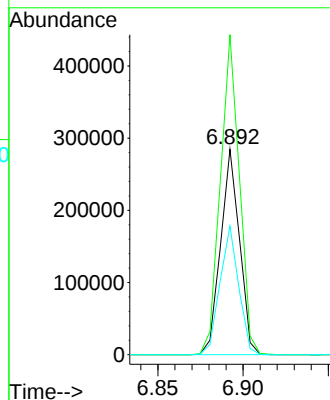
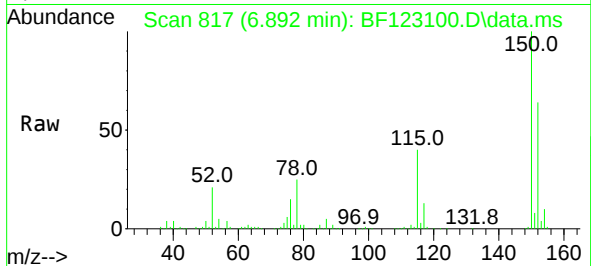




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123100.D
Acq: 3 Feb 2021 13:02

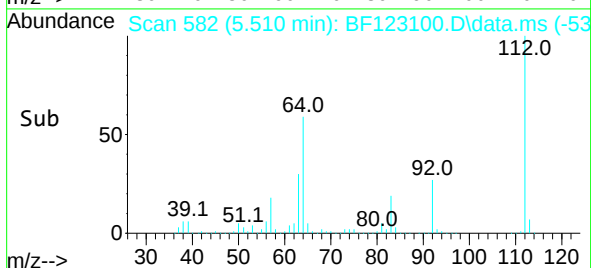
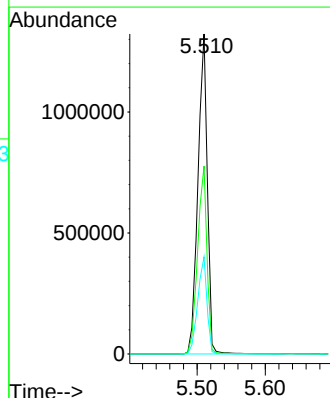
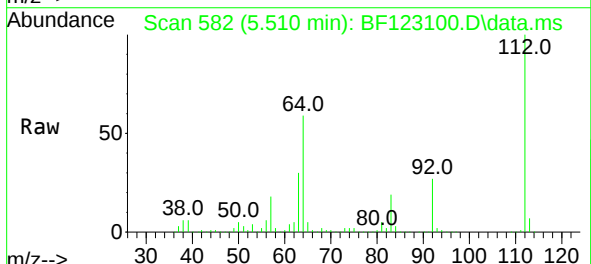
Instrument :
BNA_F
ClientSampleId :
OU421-009-0205

Tgt Ion:152 Resp: 219642
Ion Ratio Lower Upper
152 100
150 155.8 125.8 188.6
115 62.6 49.3 73.9



#5
2-Fluorophenol
Concen: 88.89 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123100.D
Acq: 3 Feb 2021 13:02

Tgt Ion:112 Resp: 1265757
Ion Ratio Lower Upper
112 100
64 58.7 46.9 70.3
63 30.4 24.5 36.7



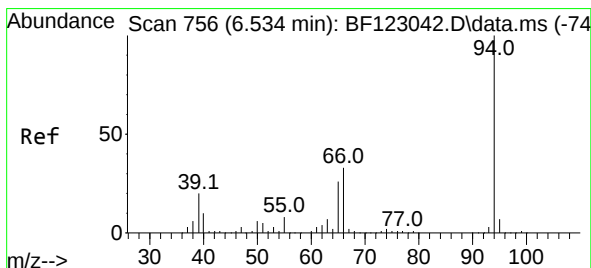
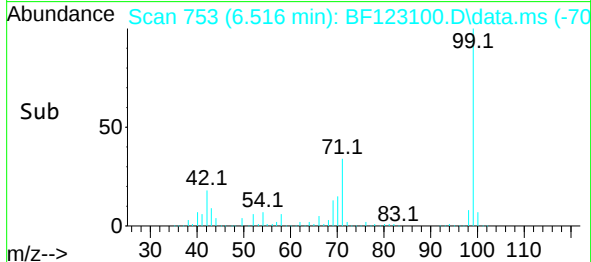
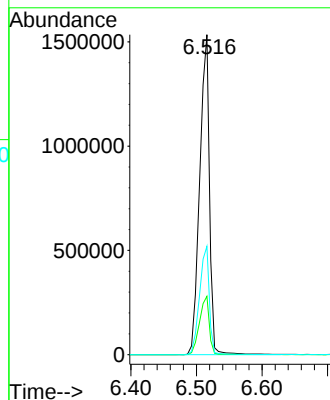
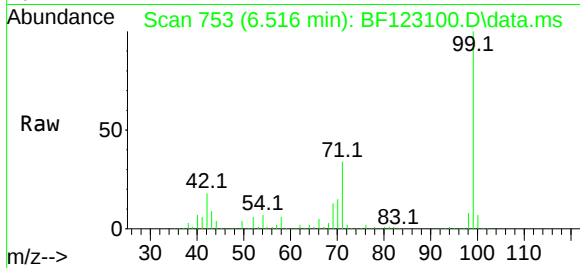


#7
Phenol-d6
Concen: 82.54 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123100.D
Acq: 3 Feb 2021 13:02

Instrument :
BNA_F
ClientSampleId :
OU421-009-0205

Tgt Ion: 99 Resp: 1593111

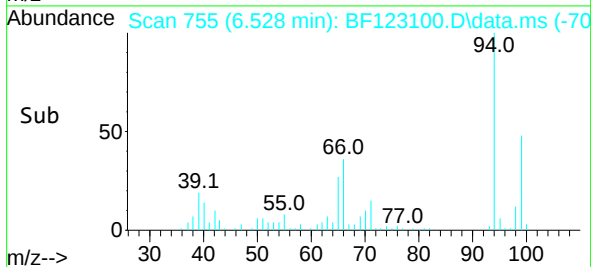
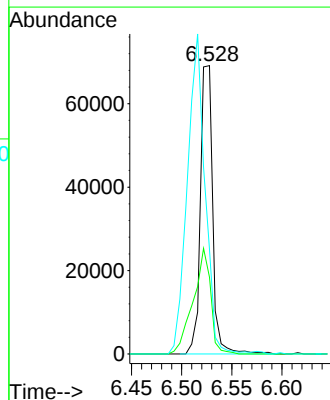
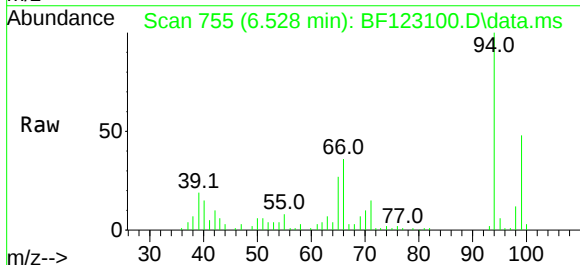
Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.8	20.6
71	33.9	26.9	40.3

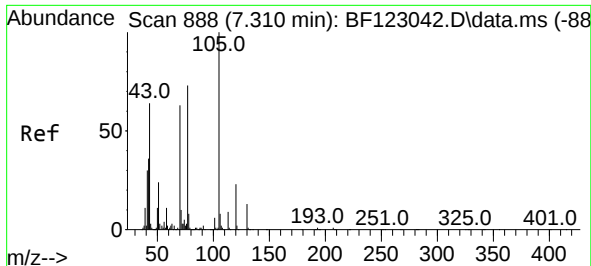


#10
Phenol
Concen: 3.10 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF123100.D
Acq: 3 Feb 2021 13:02

Tgt Ion: 94 Resp: 59394

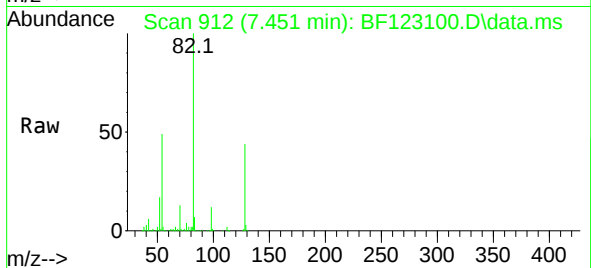
Ion	Ratio	Lower	Upper
94	100		
65	26.6	11.2	51.2
66	36.3	25.8	65.8



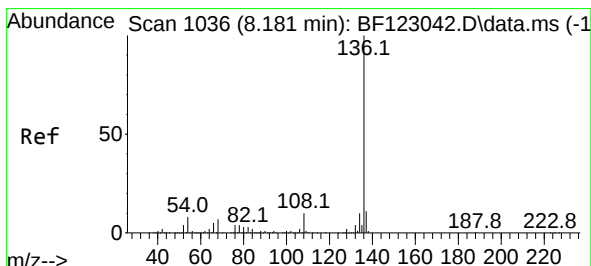
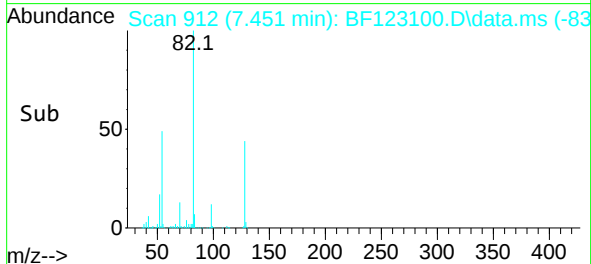
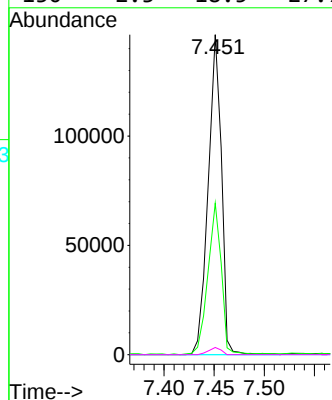


#19
n-Nitroso-di-n-propylamine
Concen: 11.70 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123100.D
Acq: 3 Feb 2021 13:02

Instrument :
BNA_F
ClientSampleId :
OU421-009-0205

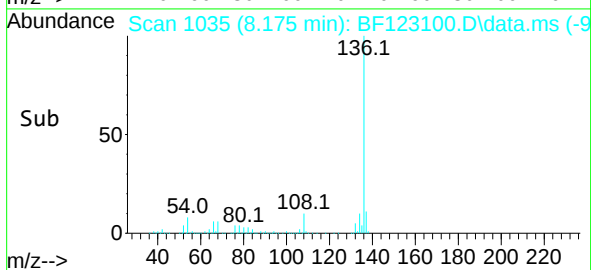
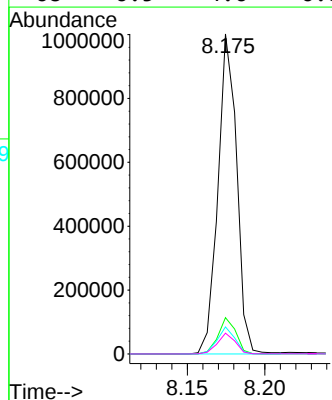
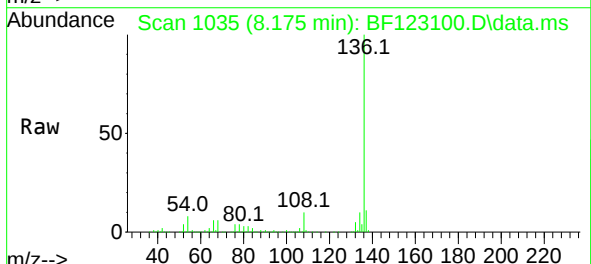


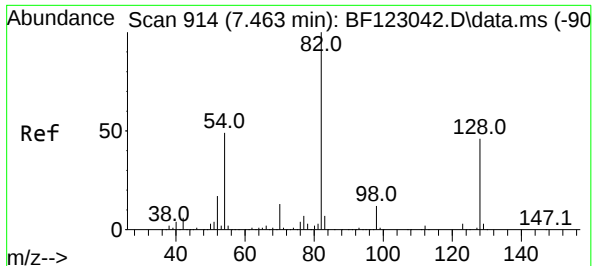
Tgt Ion: 70 Resp: 135803
Ion Ratio Lower Upper
70 100
42 47.3 43.0 64.4
101 0.0 7.9 11.9#
130 2.3 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123100.D
Acq: 3 Feb 2021 13:02

Tgt Ion: 136 Resp: 844214
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.5 5.5 8.3#
68 6.5 4.6 6.8

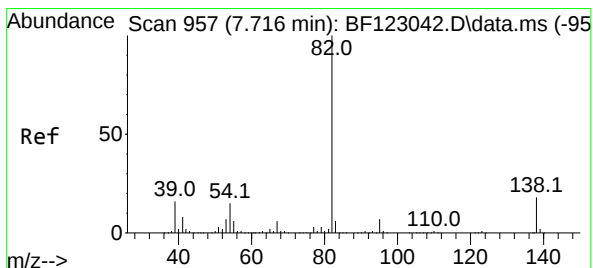
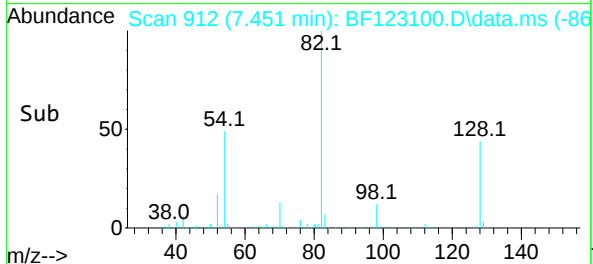
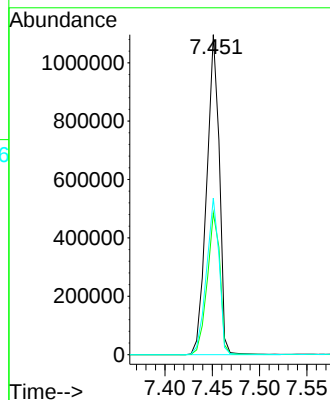
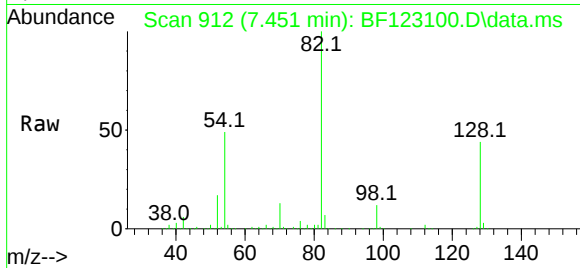




#23
Nitrobenzene-d5
Concen: 60.76 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123100.D
Acq: 3 Feb 2021 13:02

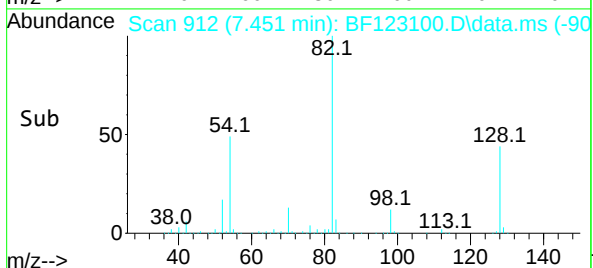
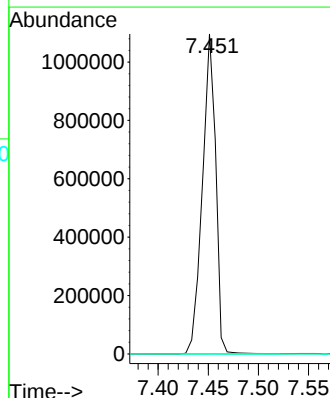
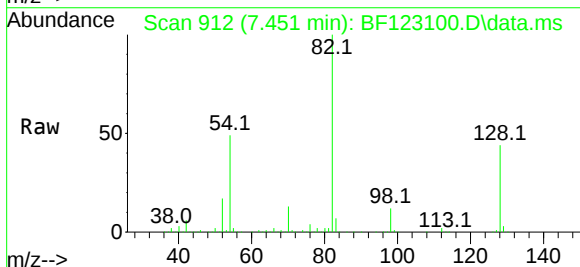
Instrument :
BNA_F
ClientSampleId :
OU421-009-0205

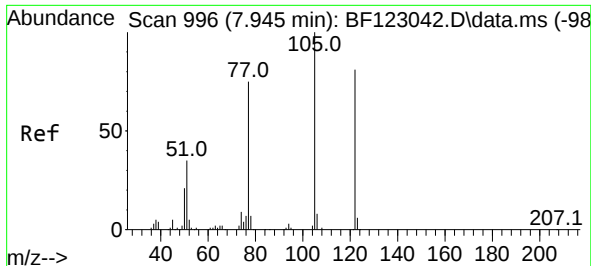
Tgt Ion: 82 Resp: 1019149
Ion Ratio Lower Upper
82 100
128 44.3 37.0 55.4
54 49.0 38.4 57.6



#25
Isophorone
Concen: 33.17 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123100.D
Acq: 3 Feb 2021 13:02

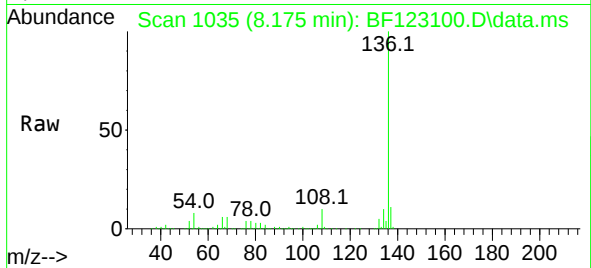
Tgt Ion: 82 Resp: 1019140
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



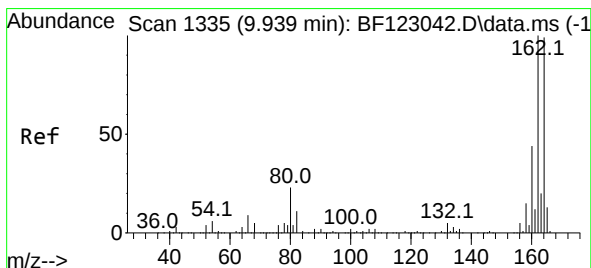
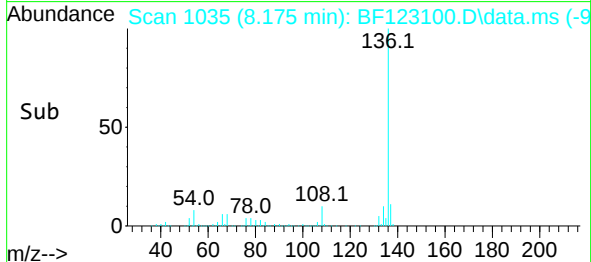
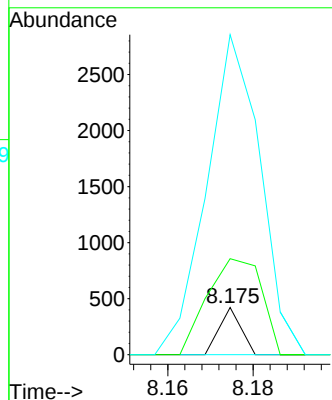


#32
Benzoic acid
Concen: 4.93 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.230 min
Lab File: BF123100.D
Acq: 3 Feb 2021 13:02

Instrument :
BNA_F
ClientSampleId :
OU421-009-0205

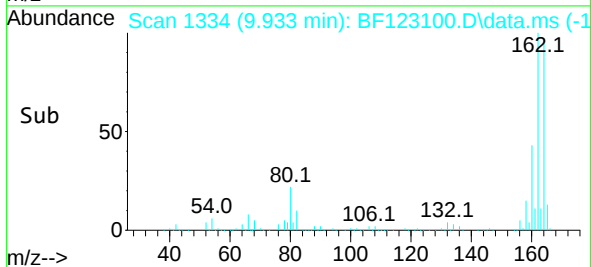
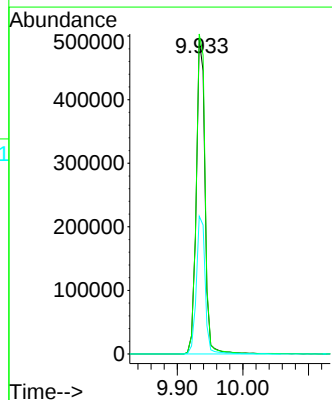
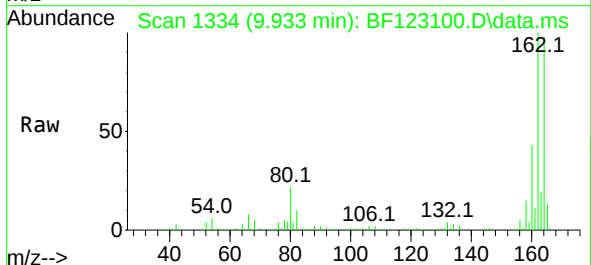


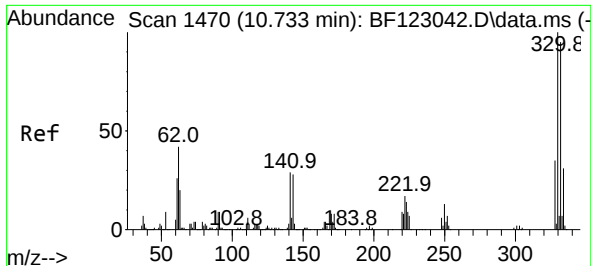
Tgt Ion:122 Resp: 149
Ion Ratio Lower Upper
122 100
105 203.3 104.8 144.8#
77 678.4 71.0 111.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123100.D
Acq: 3 Feb 2021 13:02

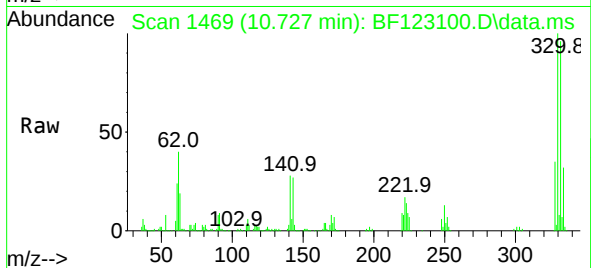
Tgt Ion:164 Resp: 459704
Ion Ratio Lower Upper
164 100
162 101.7 80.8 121.2
160 43.8 35.4 53.0





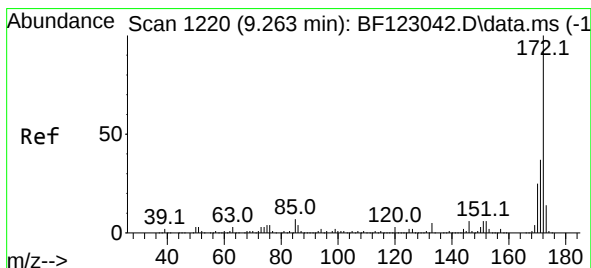
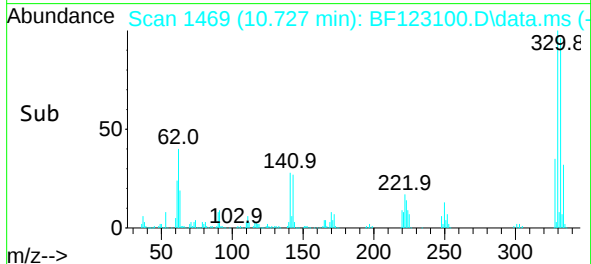
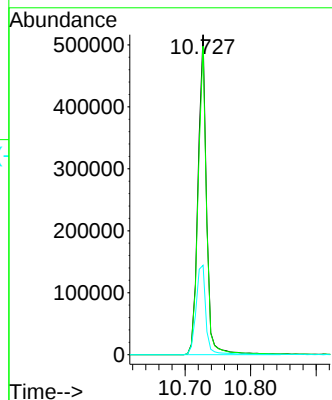
#42
 2,4,6-Tribromophenol
 Concen: 93.57 ng
 RT: 10.727 min Scan# 1469
 Delta R.T. -0.006 min
 Lab File: BF123100.D
 Acq: 3 Feb 2021 13:02

Instrument :
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 ClientSampleId :
 OU421-009-0205



Tgt Ion:330 Resp: 466948

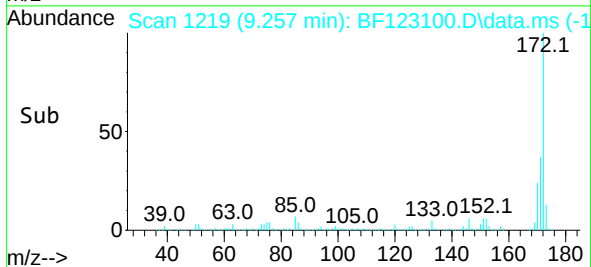
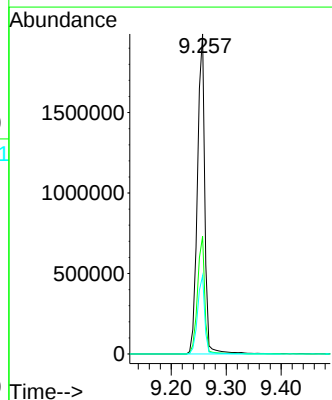
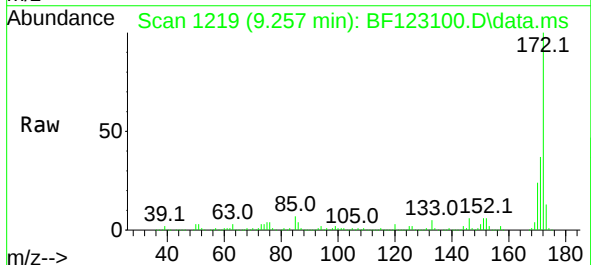
Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.5	116.3
141	32.4	23.8	35.8

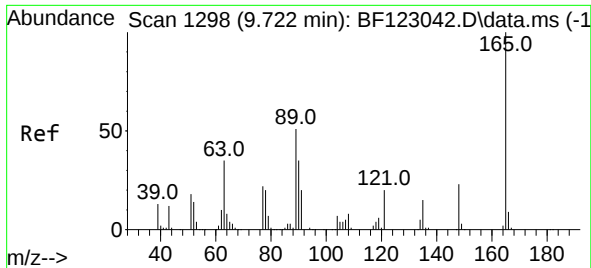


#45
 2-Fluorobiphenyl
 Concen: 60.00 ng
 RT: 9.257 min Scan# 1219
 Delta R.T. -0.006 min
 Lab File: BF123100.D
 Acq: 3 Feb 2021 13:02

Tgt Ion:172 Resp: 1855332

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.4	19.5	29.3

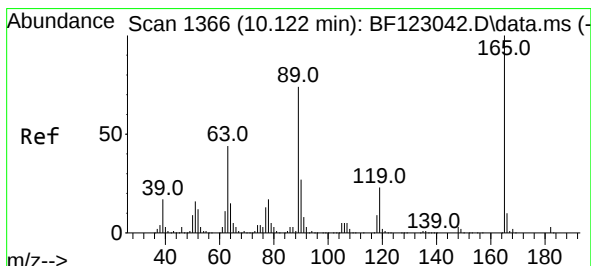
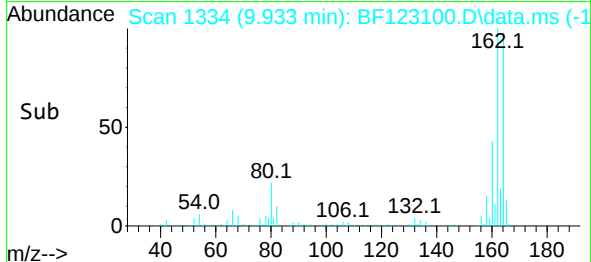
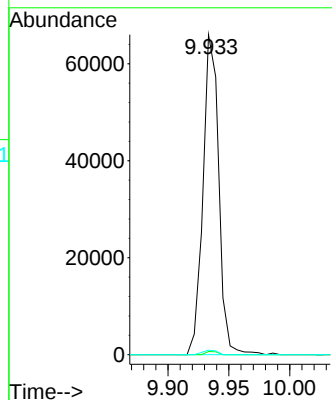
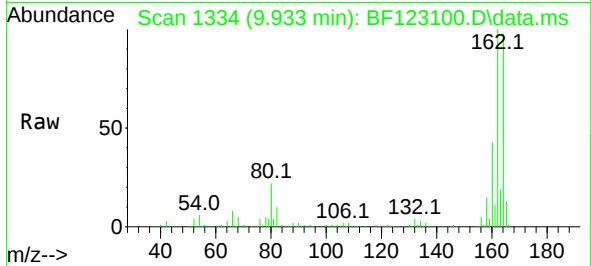




#51
2,6-Dinitrotoluene
Concen: 7.77 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123100.D
Acq: 3 Feb 2021 13:02

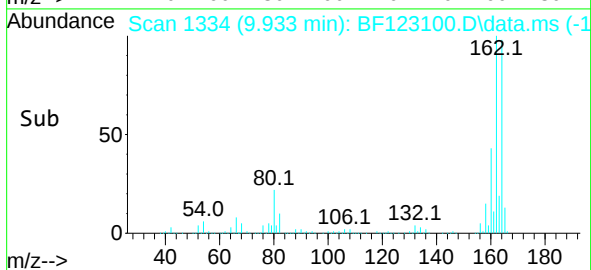
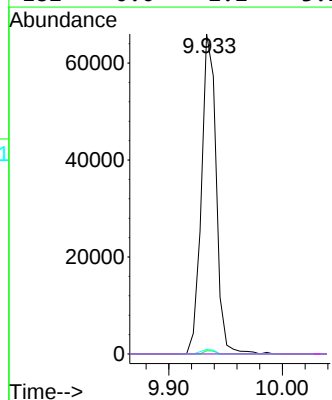
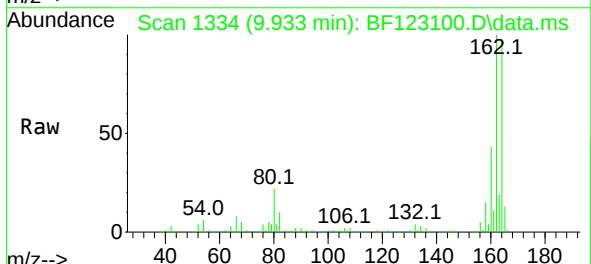
Instrument :
BNA_F
ClientSampleId :
OU421-009-0205

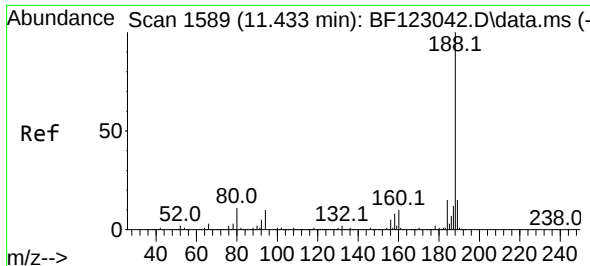
Tgt Ion:165 Resp: 59726
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.98 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123100.D
Acq: 3 Feb 2021 13:02

Tgt Ion:165 Resp: 59727
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

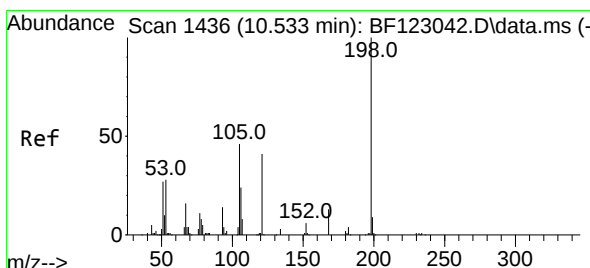
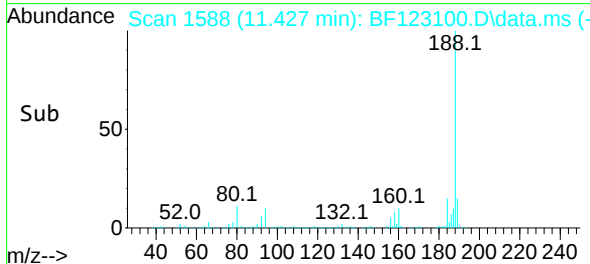
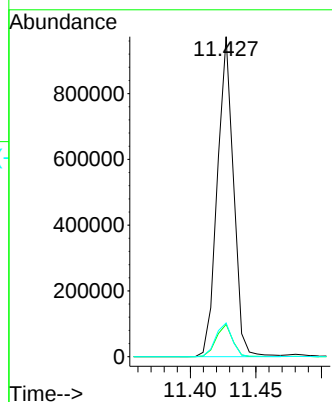
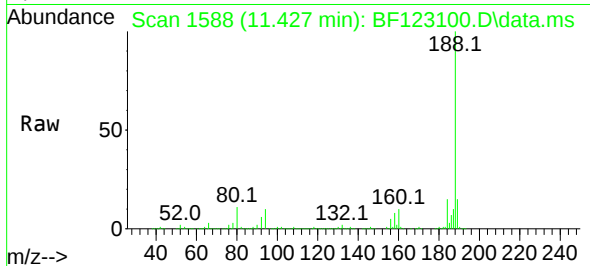




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123100.D
Acq: 3 Feb 2021 13:02

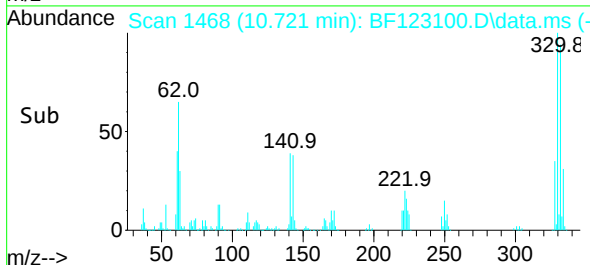
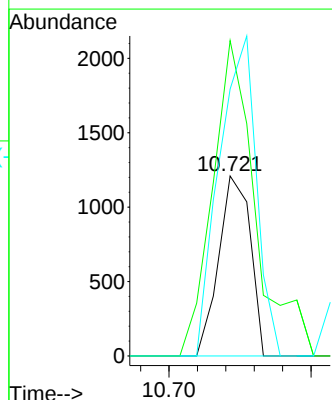
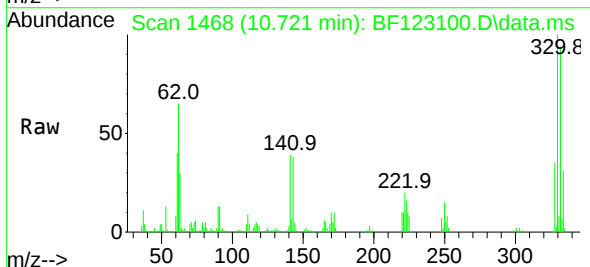
Instrument :
BNA_F
ClientSampleId :
OU421-009-0205

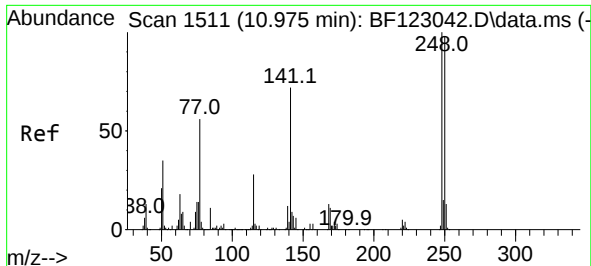
Tgt Ion:188 Resp: 833356
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 10.6 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.16 ng
RT: 10.721 min Scan# 1468
Delta R.T. 0.188 min
Lab File: BF123100.D
Acq: 3 Feb 2021 13:02

Tgt Ion:198 Resp: 935
Ion Ratio Lower Upper
198 100
51 175.2 20.3 60.3#
105 148.3 23.0 63.0#

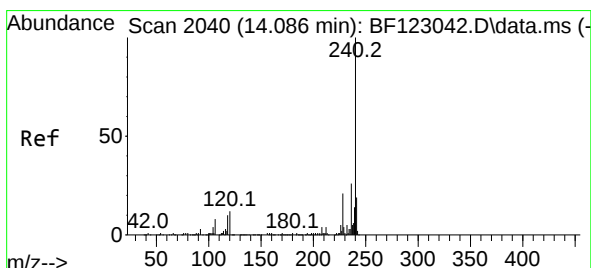
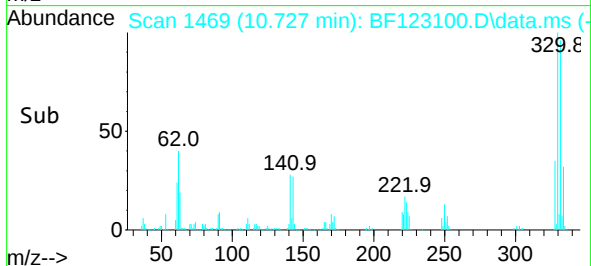
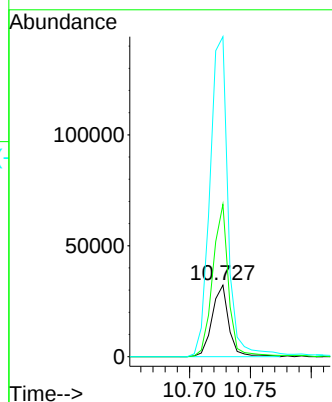
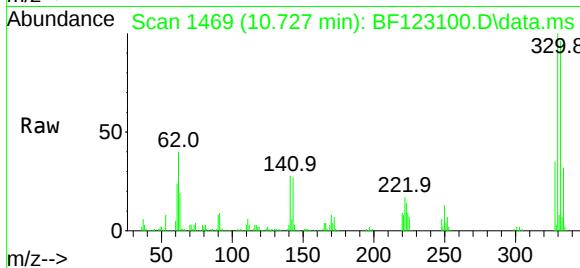




#67
4-Bromophenyl-phenylether
Concen: 2.89 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123100.D
Acq: 3 Feb 2021 13:02

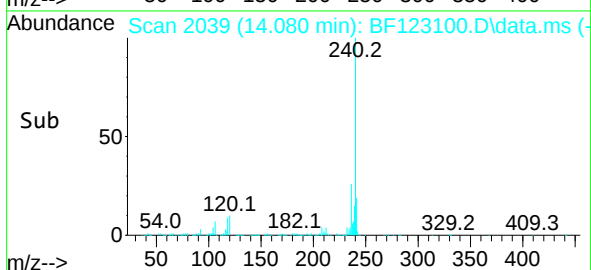
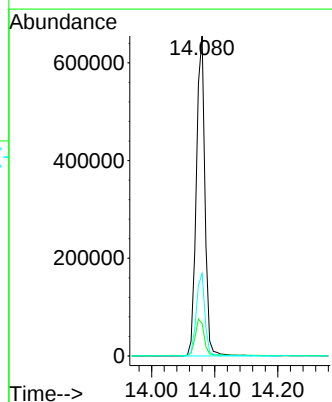
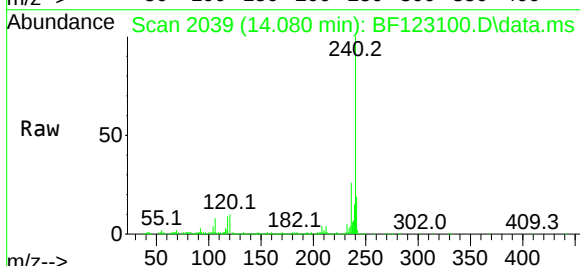
Instrument :
BNA_F
ClientSampleId :
OU421-009-0205

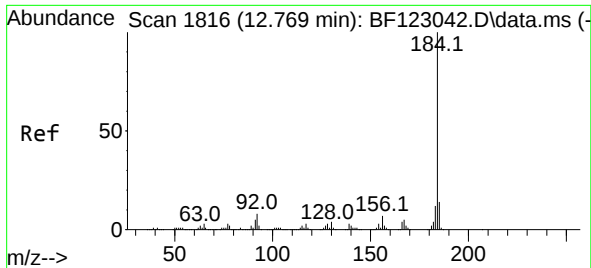
Tgt Ion:248 Resp: 30706
Ion Ratio Lower Upper
248 100
250 212.9 76.8 115.2#
141 447.1 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123100.D
Acq: 3 Feb 2021 13:02

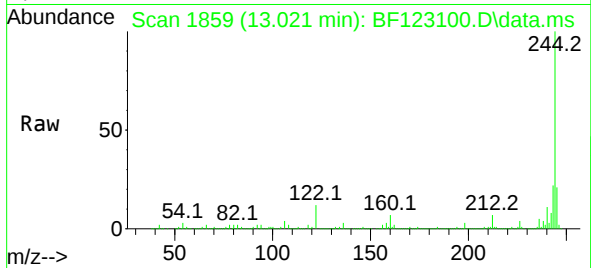
Tgt Ion:240 Resp: 619190
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 25.7 20.3 30.5



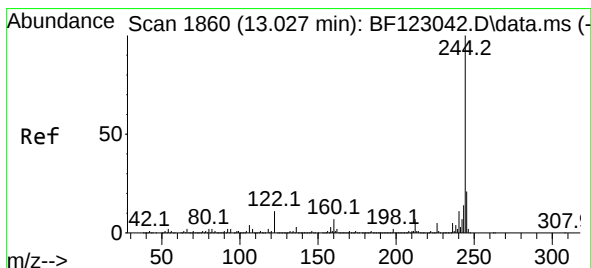
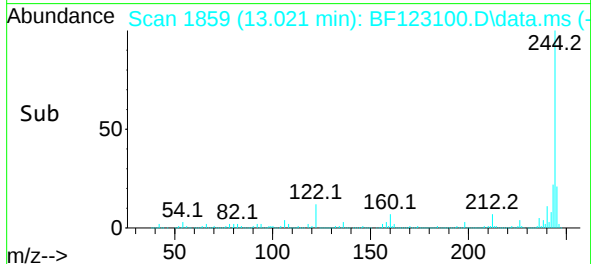
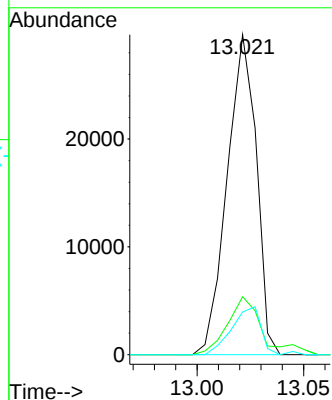


#77
Benzidine
Concen: 2.02 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.253 min
Lab File: BF123100.D
Acq: 3 Feb 2021 13:02

Instrument :
BNA_F
ClientSampleId :
OU421-009-0205

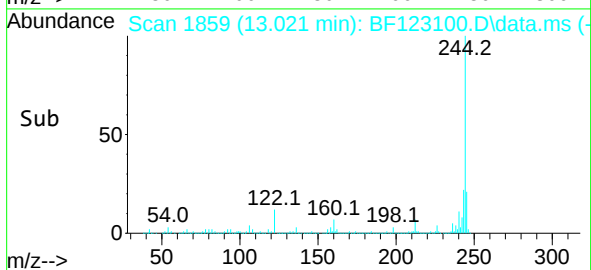
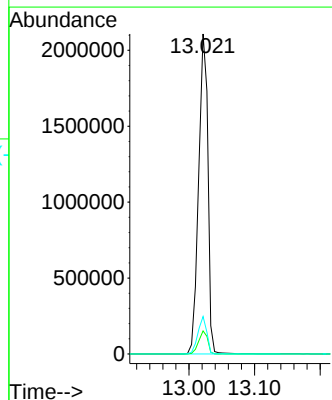
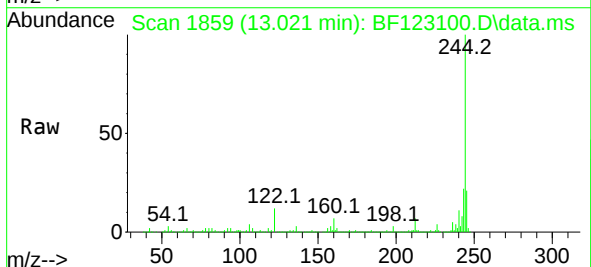


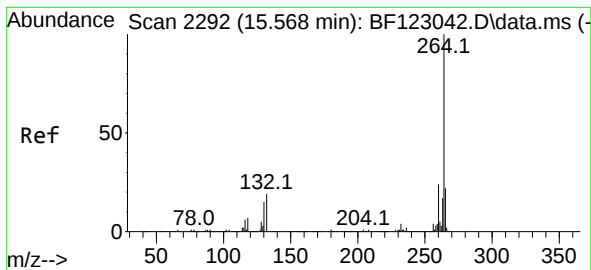
Tgt Ion:184 Resp: 28256
Ion Ratio Lower Upper
184 100
185 18.1 11.8 17.6#
183 13.4 9.7 14.5



#79
Terphenyl-d14
Concen: 65.98 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123100.D
Acq: 3 Feb 2021 13:02

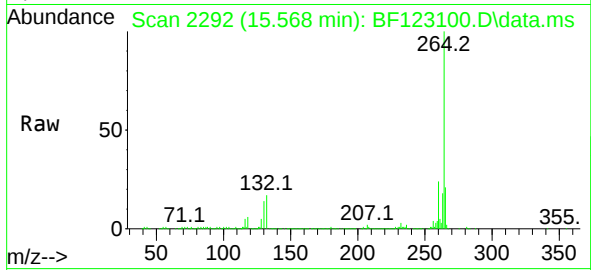
Tgt Ion:244 Resp: 2079446
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 11.7 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. -0.000 min
 Lab File: BF123100.D
 Acq: 3 Feb 2021 13:02

Instrument :
 BNA_F
 ClientSampleId :
 OU421-009-0205



Tgt Ion:	264	Resp:	518118
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.6	28.0
265	21.1	17.0	25.6

