

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020821\
 Data File : BF123152.D
 Acq On : 8 Feb 2021 19:52
 Operator : JU/CG
 Sample : M1317-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 09 00:32:03 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	6.893	152	206661	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	775811	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	434488	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	806706	20.00	ng	0.00
76) Chrysene-d12	14.080	240	726868	20.00	ng	0.00
86) Perylene-d12	15.568	264	561731	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1534583	114.54	ng	0.02
7) Phenol-d6	6.522	99	1818717	100.15	ng	0.00
23) Nitrobenzene-d5	7.457	82	1262512	81.90	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	709727	150.47	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2324789	79.54	ng	0.00
79) Terphenyl-d14	13.027	244	2910575	78.67	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.534	94	39123	2.17	ng	93
19) n-Nitroso-di-n-propyla...	7.457	70	172893	15.83	ng	# 78
25) Isophorone	7.457	82	1260614	44.64	ng	# 65
27) 2,4-Dimethylphenol	7.892	122	61594	5.20	ng	# 4
32) Benzoic acid	7.892	122	61594	10.71	ng	100
51) 2,6-Dinitrotoluene	9.933	165	56366	7.76	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	56367	5.97	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	1373	5.25	ng	# 1
67) 4-Bromophenyl-phenylether	10.728	248	47480	4.62	ng	# 1
77) Benzidine	13.027	184	39157	2.38	ng	# 84

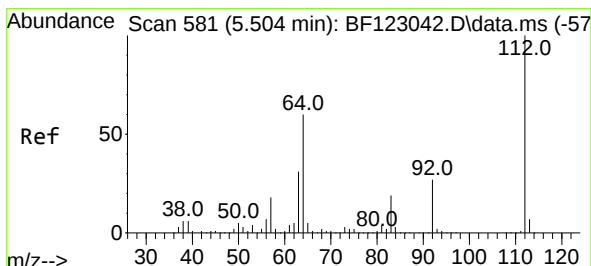
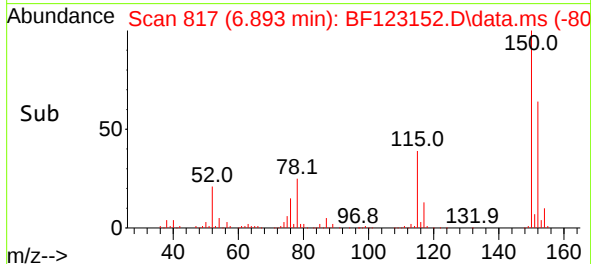
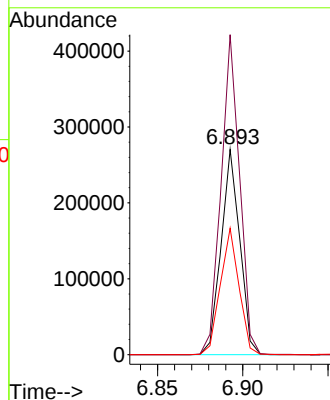
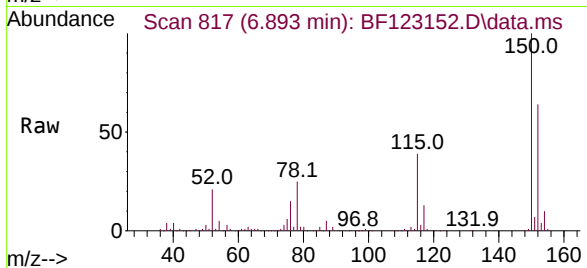
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123152.D
Acq: 8 Feb 2021 19:52

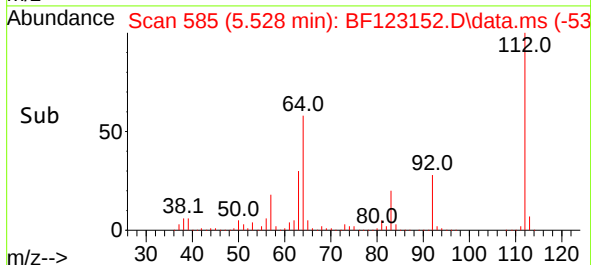
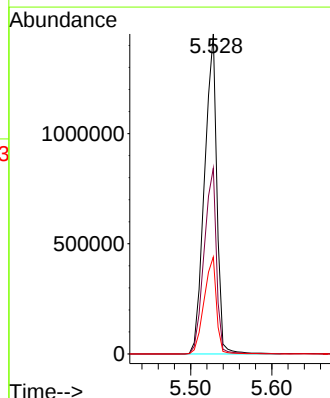
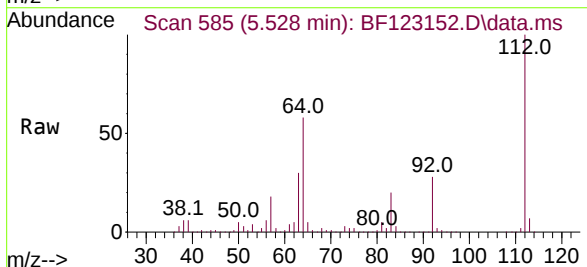
Instrument :
BNA_F
ClientSampleId :

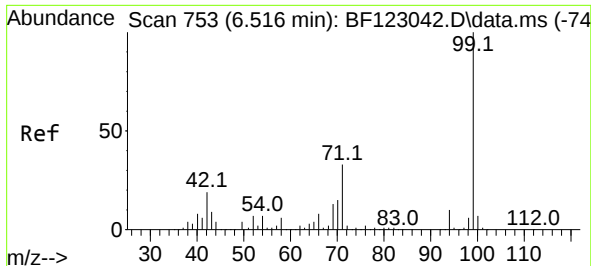
Tgt Ion:152 Resp: 206661
Ion Ratio Lower Upper
152 100
150 155.8 125.8 188.6
115 61.5 49.3 73.9



#5
2-Fluorophenol
Concen: 114.54 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.024 min
Lab File: BF123152.D
Acq: 8 Feb 2021 19:52

Tgt Ion:112 Resp: 1534583
Ion Ratio Lower Upper
112 100
64 58.1 46.9 70.3
63 30.3 24.5 36.7

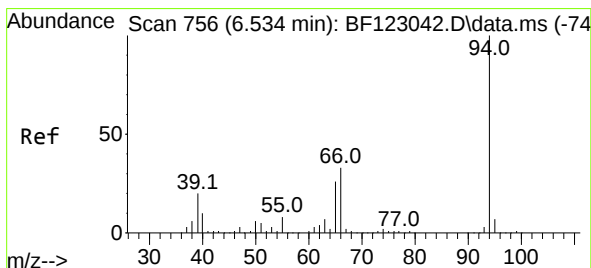
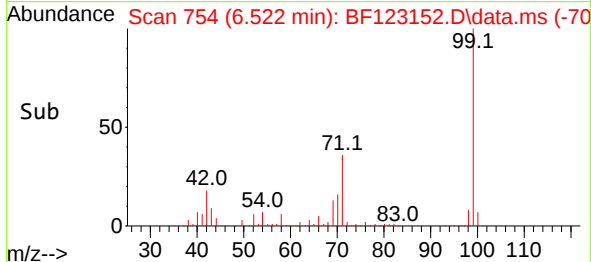
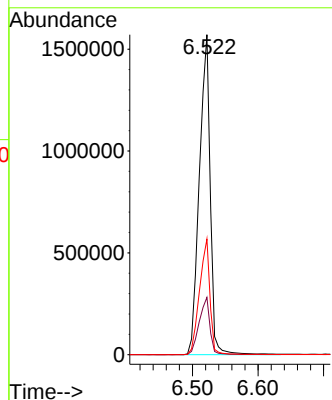
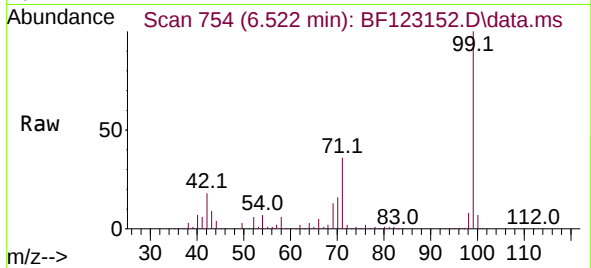




#7
Phenol-d6
Concen: 100.15 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF123152.D
Acq: 8 Feb 2021 19:52

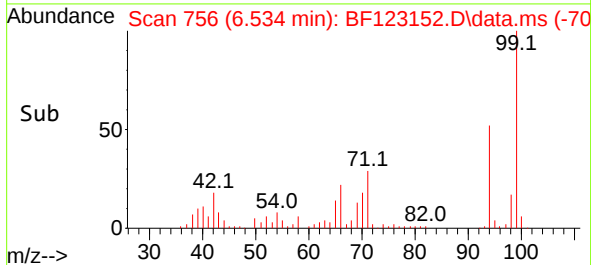
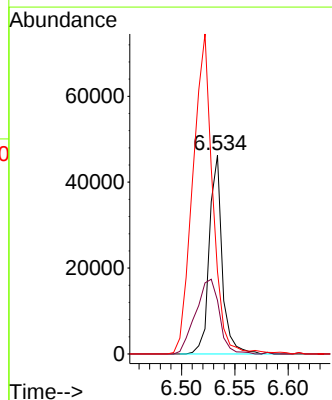
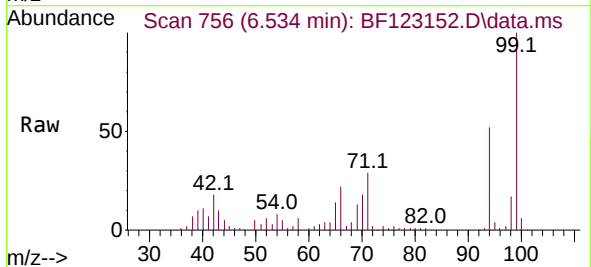
Instrument :
BNA_F
ClientSampleId :

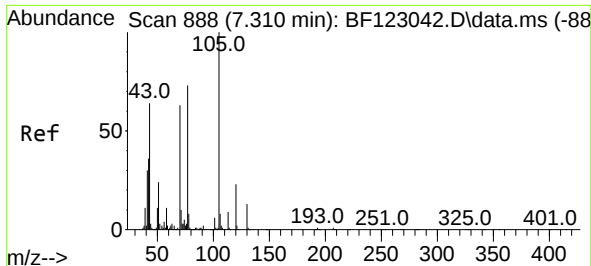
Tgt Ion: 99 Resp: 1818717
Ion Ratio Lower Upper
99 100
42 17.9 13.8 20.6
71 36.1 26.9 40.3



#10
Phenol
Concen: 2.17 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF123152.D
Acq: 8 Feb 2021 19:52

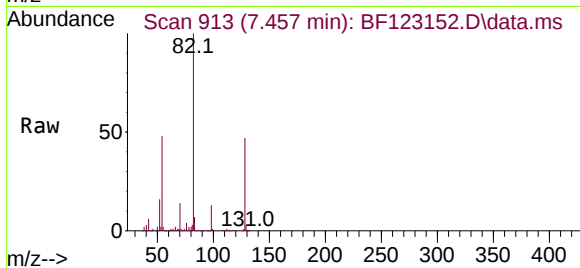
Tgt Ion: 94 Resp: 39123
Ion Ratio Lower Upper
94 100
65 27.0 11.2 51.2
66 41.5 25.8 65.8



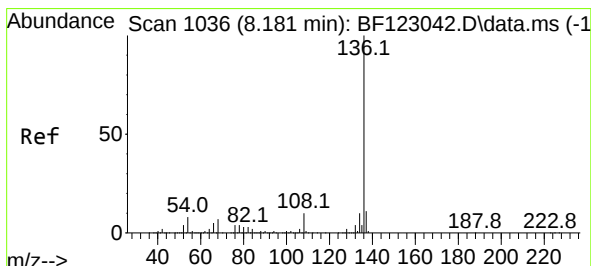
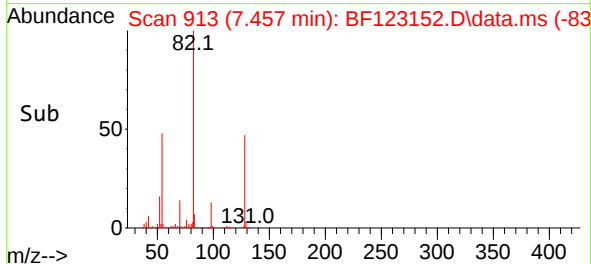
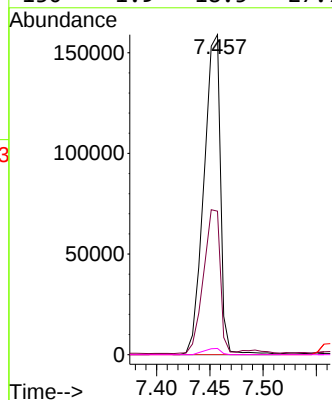


#19
n-Nitroso-di-n-propylamine
Concen: 15.83 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF123152.D
Acq: 8 Feb 2021 19:52

Instrument :
BNA_F
ClientSampleId :

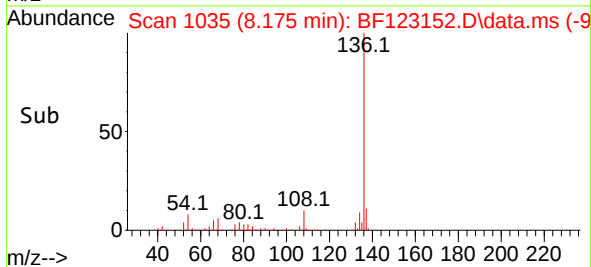
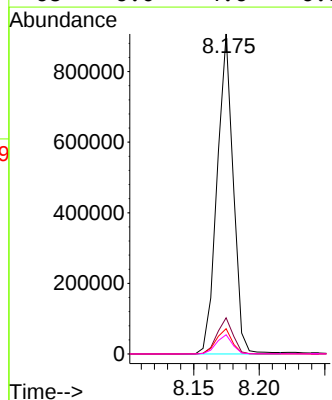
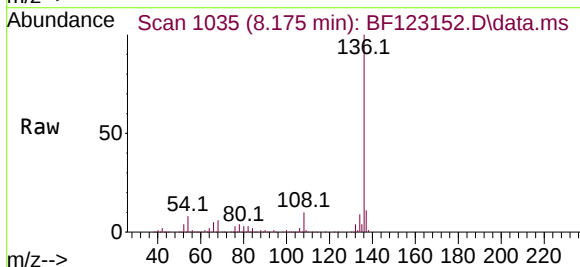


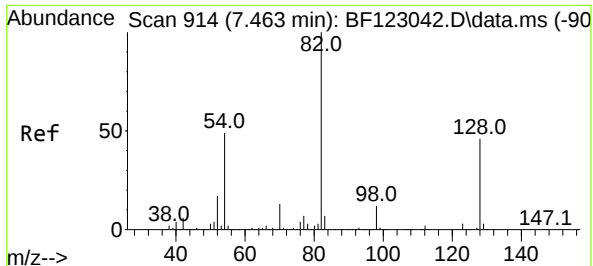
Tgt Ion: 70 Resp: 172893
Ion Ratio Lower Upper
70 100
42 44.9 43.0 64.4
101 0.0 7.9 11.9#
130 1.9 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123152.D
Acq: 8 Feb 2021 19:52

Tgt Ion: 136 Resp: 775811
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.9 5.5 8.3
68 6.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 81.90 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

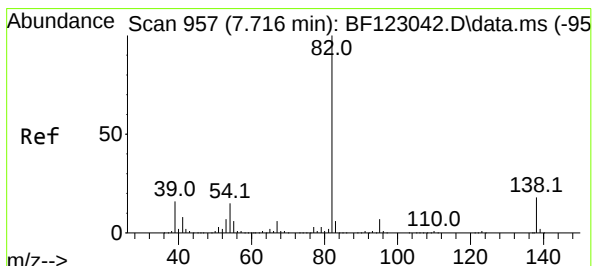
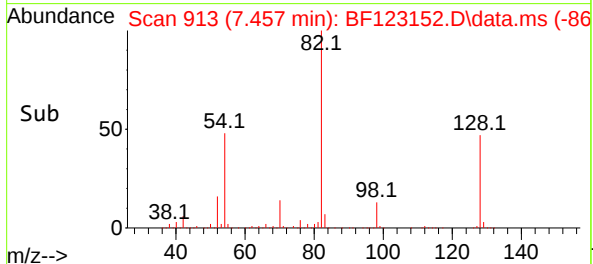
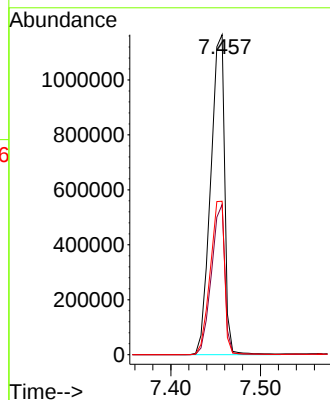
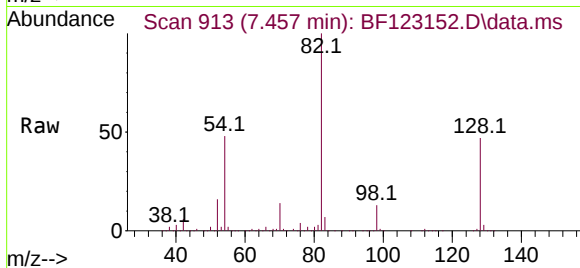
Lab File: BF123152.D

Acq: 8 Feb 2021 19:52

Tgt Ion: 82 Resp: 1262512

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.0	55.4
54	48.0	38.4	57.6

Instrument :
BNA_F
ClientSampleId :



#25

Isophorone

Concen: 44.64 ng

RT: 7.457 min Scan# 913

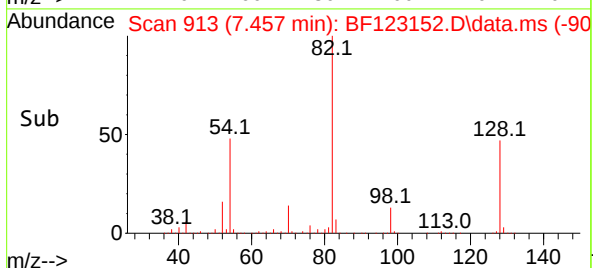
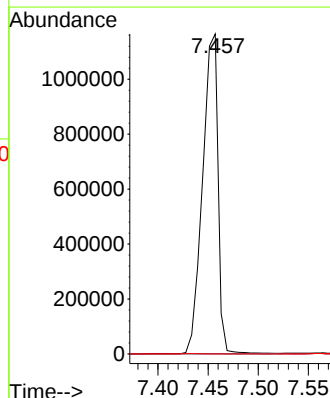
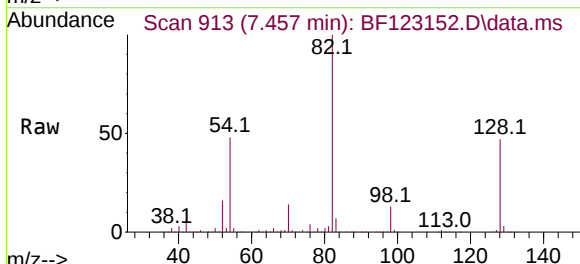
Delta R.T. -0.259 min

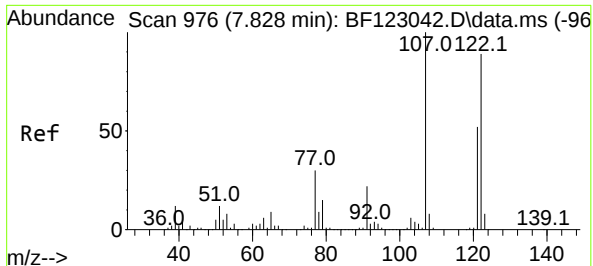
Lab File: BF123152.D

Acq: 8 Feb 2021 19:52

Tgt Ion: 82 Resp: 1260614

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	14.6	21.8#





#27

2,4-Dimethylphenol

Concen: 5.20 ng

RT: 7.892 min Scan# 987

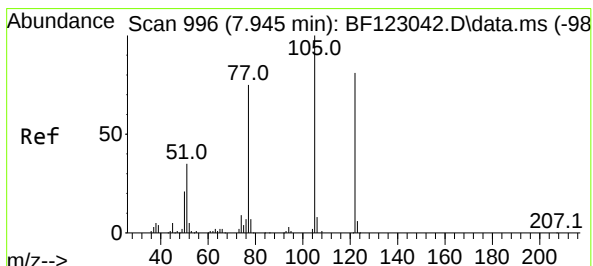
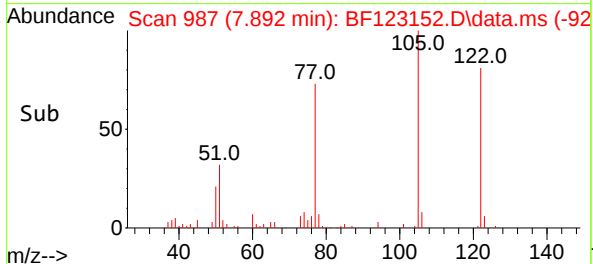
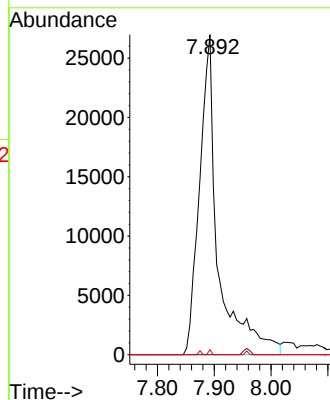
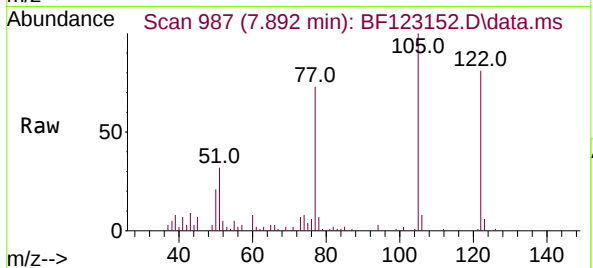
Delta R.T. 0.065 min

Lab File: BF123152.D

Acq: 8 Feb 2021 19:52

Tgt Ion:	122	Resp:	61594
Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.8	137.8#
121	1.6	47.3	70.9#

Instrument :
BNA_F
ClientSampleId :



#32

Benzoic acid

Concen: 10.71 ng

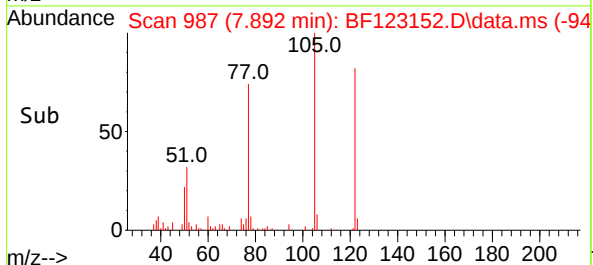
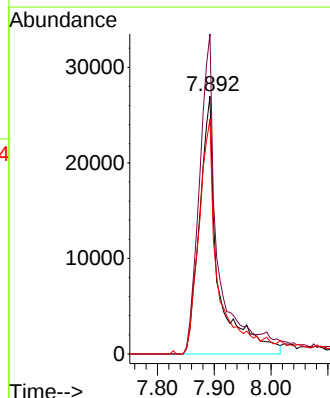
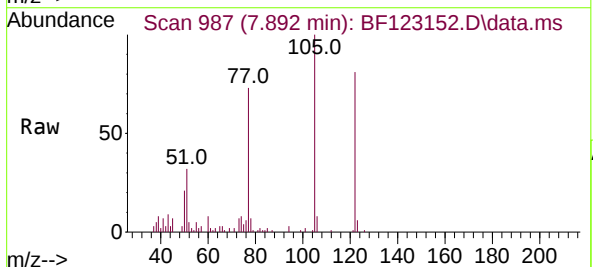
RT: 7.892 min Scan# 987

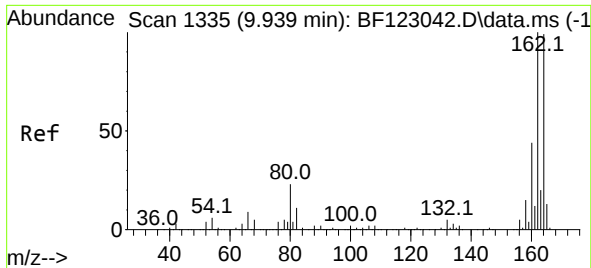
Delta R.T. -0.053 min

Lab File: BF123152.D

Acq: 8 Feb 2021 19:52

Tgt Ion:	122	Resp:	61594
Ion	Ratio	Lower	Upper
122	100		
105	124.2	104.8	144.8
77	91.1	71.0	111.0

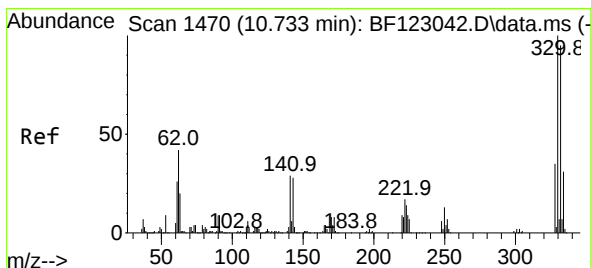
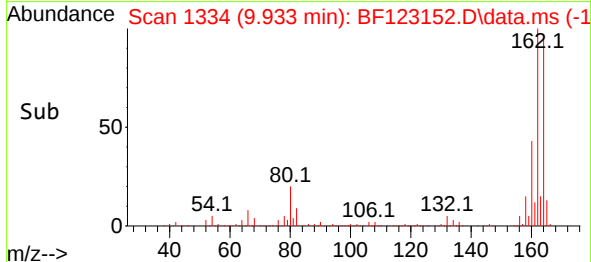
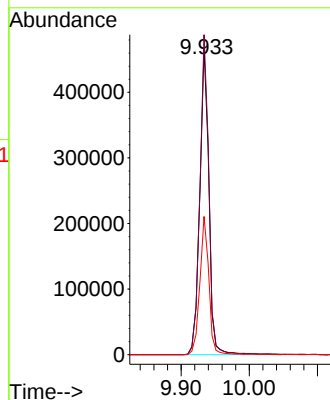
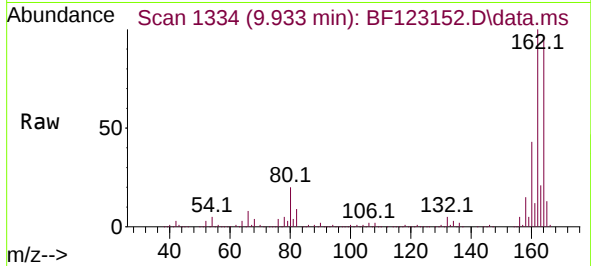




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123152.D
Acq: 8 Feb 2021 19:52

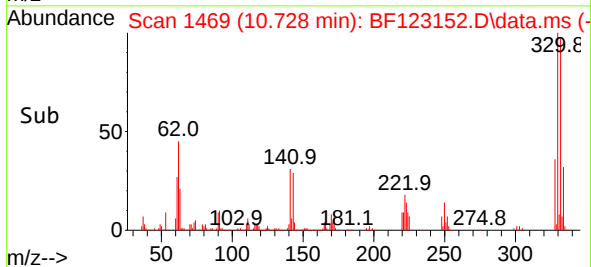
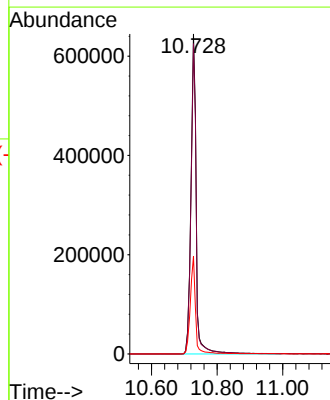
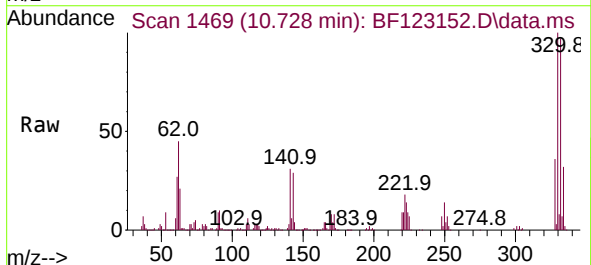
Instrument :
BNA_F
ClientSampled :

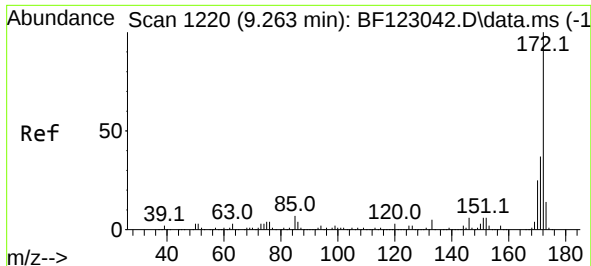
Tgt Ion:164 Resp: 434488
Ion Ratio Lower Upper
164 100
162 104.6 80.8 121.2
160 45.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 150.47 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123152.D
Acq: 8 Feb 2021 19:52

Tgt Ion:330 Resp: 709727
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 30.6 23.8 35.8

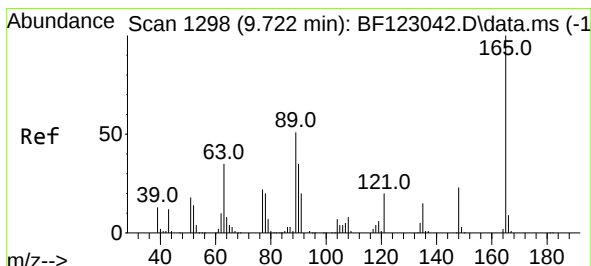
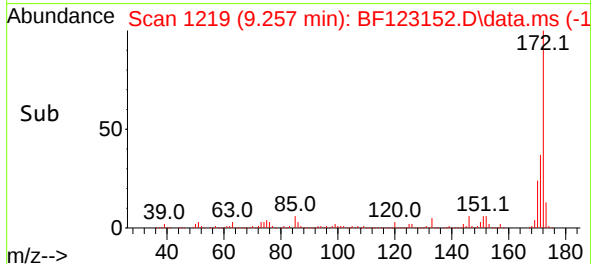
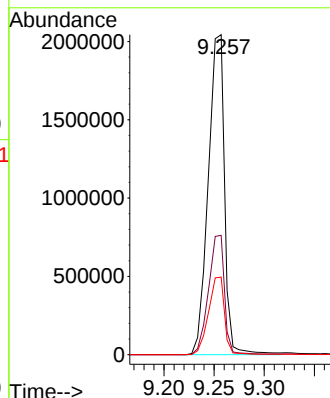
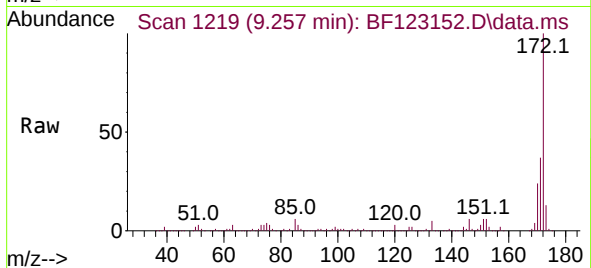




#45
2-Fluorobiphenyl
Concen: 79.54 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123152.D
Acq: 8 Feb 2021 19:52

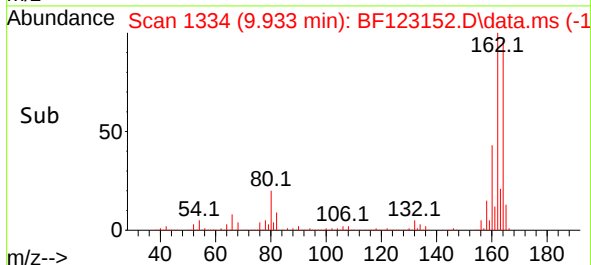
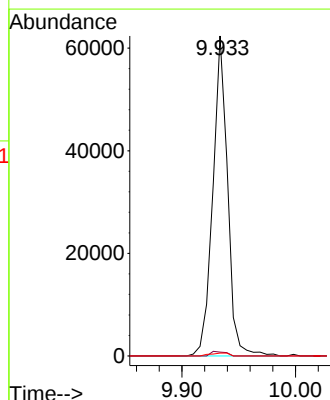
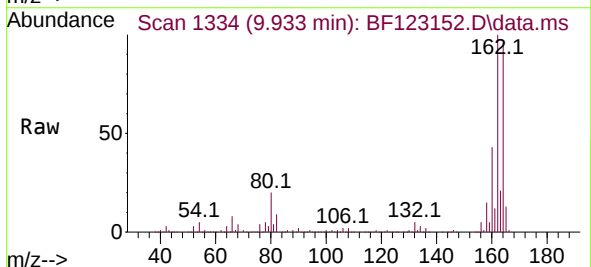
Instrument :
BNA_F
ClientSampleId :

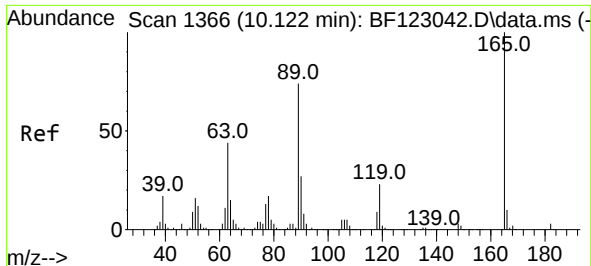
Tgt Ion:172 Resp: 2324789
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 24.3 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.76 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123152.D
Acq: 8 Feb 2021 19:52

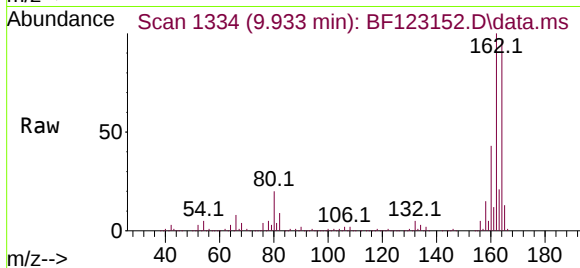
Tgt Ion:165 Resp: 56366
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 0.9 39.4 59.0#



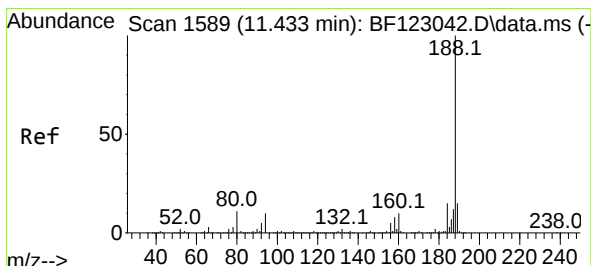
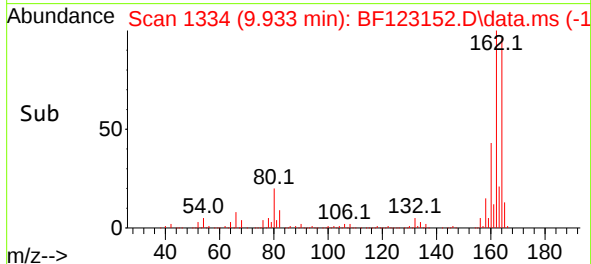
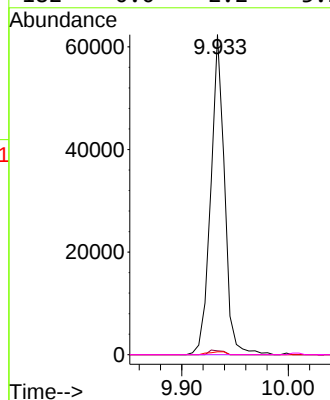


#57
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123152.D
Acq: 8 Feb 2021 19:52

Instrument :
BNA_F
ClientSampleId :

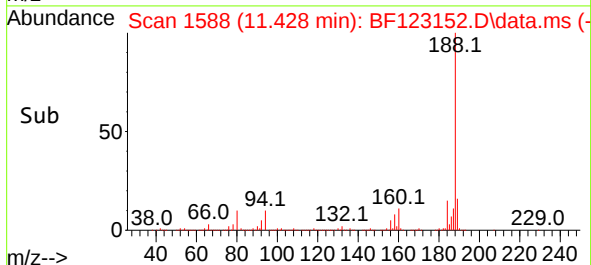
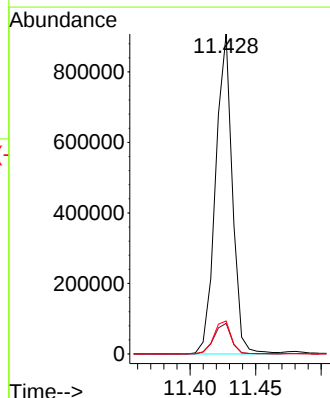
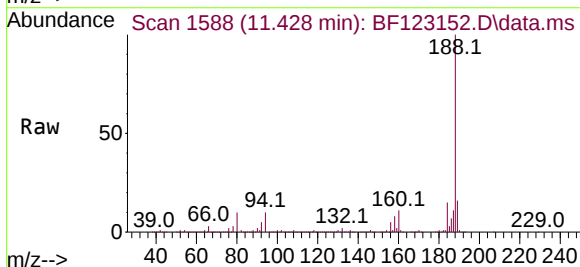


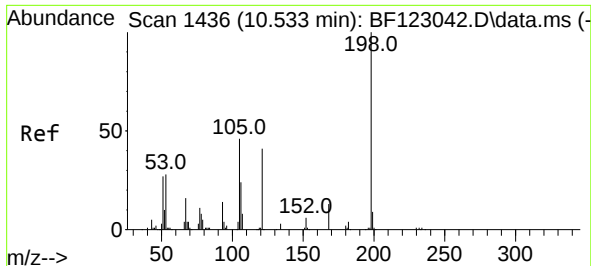
Tgt Ion:165 Resp: 56367
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 0.9 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.005 min
Lab File: BF123152.D
Acq: 8 Feb 2021 19:52

Tgt Ion:188 Resp: 806706
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.3 8.2 12.4

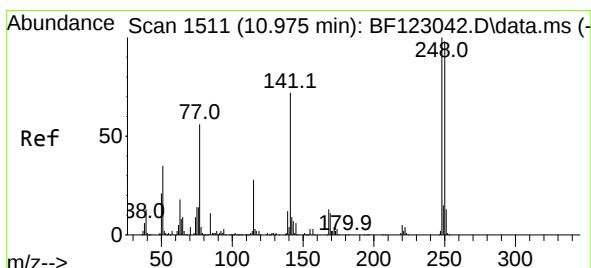
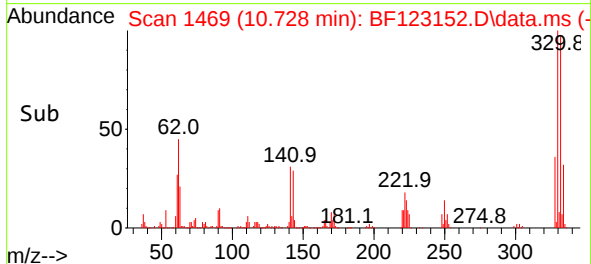
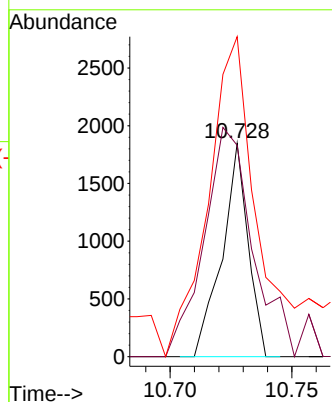
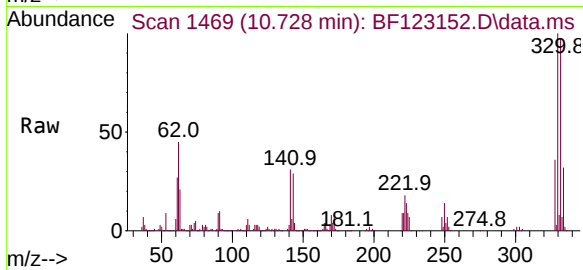




#65
4,6-Dinitro-2-methylphenol
Concen: 5.25 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.195 min
Lab File: BF123152.D
Acq: 8 Feb 2021 19:52

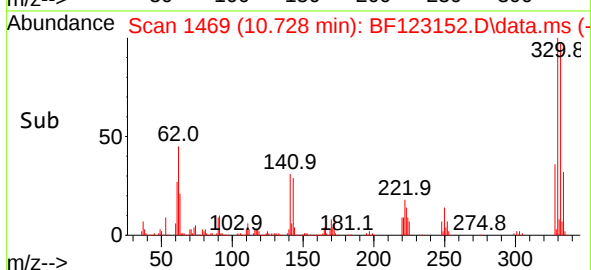
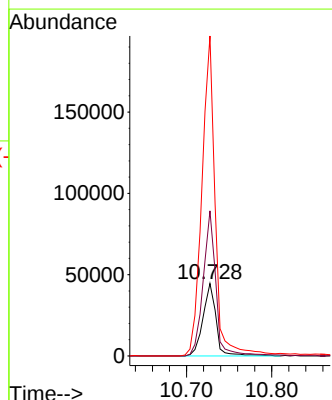
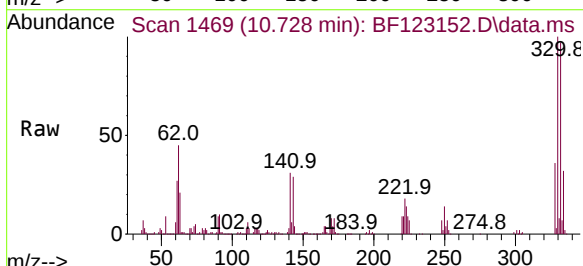
Instrument :
BNA_F
ClientSampled :

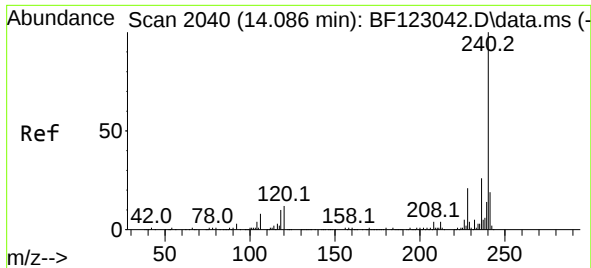
Tgt Ion:198 Resp: 1373
Ion Ratio Lower Upper
198 100
51 99.0 20.3 60.3#
105 149.9 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 4.62 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123152.D
Acq: 8 Feb 2021 19:52

Tgt Ion:248 Resp: 47480
Ion Ratio Lower Upper
248 100
250 200.1 76.8 115.2#
141 441.5 59.8 89.8#

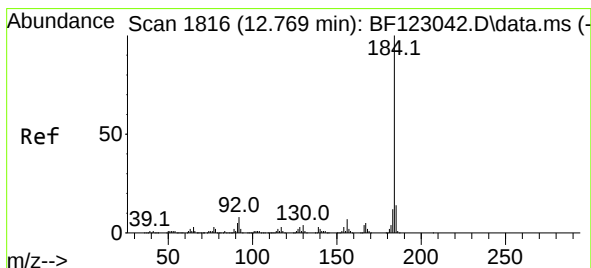
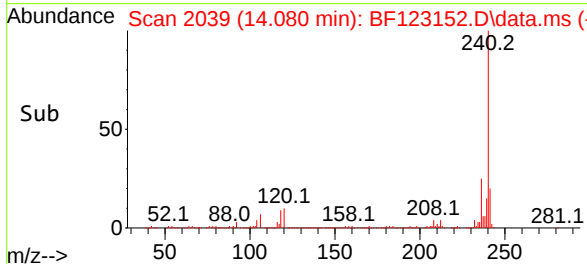
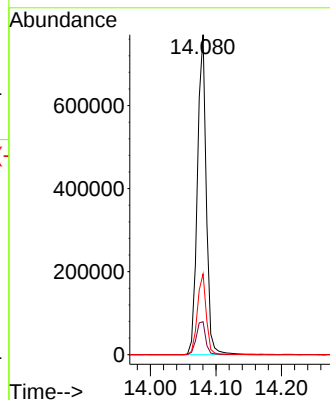
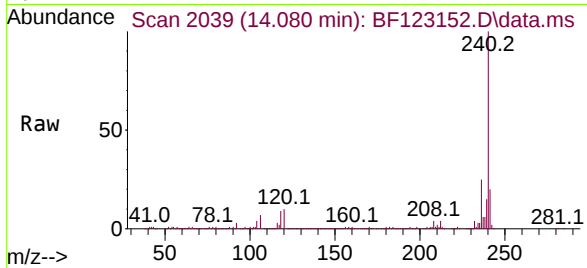




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123152.D
Acq: 8 Feb 2021 19:52

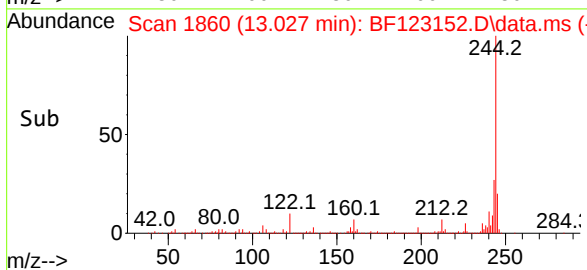
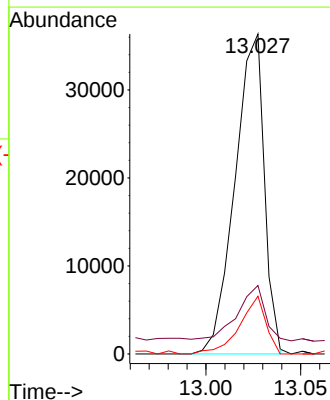
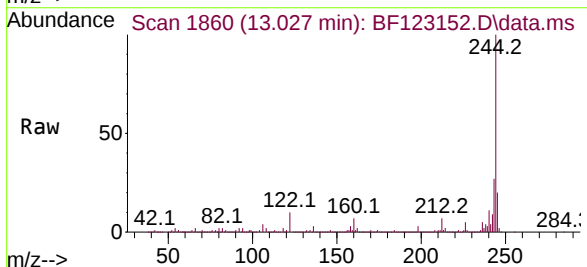
Instrument :
BNA_F
ClientSampleId :

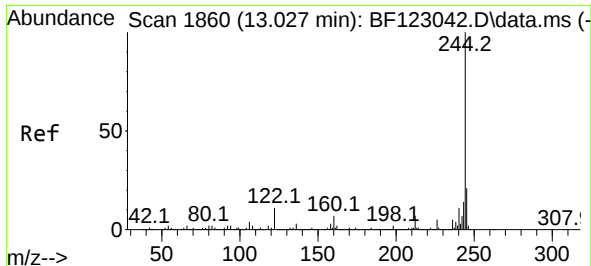
Tgt Ion:240 Resp: 726868
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 25.3 20.3 30.5



#77
Benzidine
Concen: 2.38 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.259 min
Lab File: BF123152.D
Acq: 8 Feb 2021 19:52

Tgt Ion:184 Resp: 39157
Ion Ratio Lower Upper
184 100
185 21.4 11.8 17.6#
183 18.0 9.7 14.5#

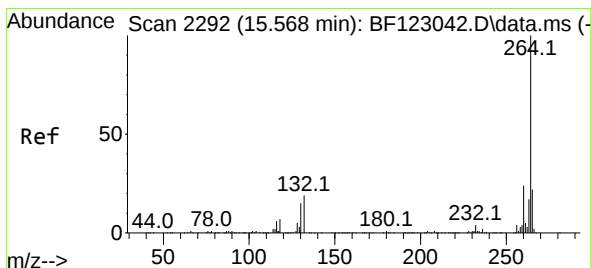
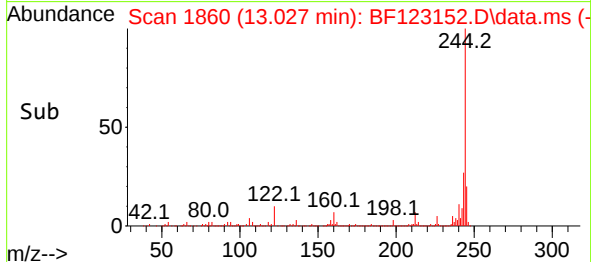
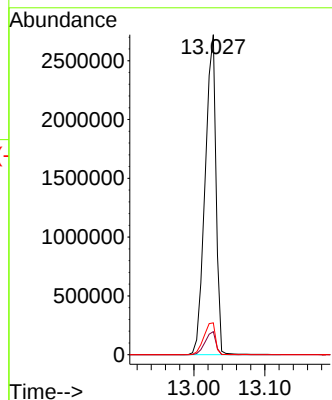
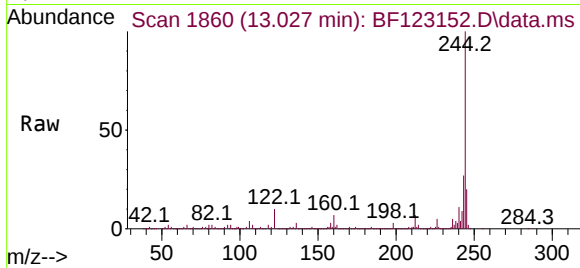




#79
 Terphenyl-d14
 Concen: 78.67 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: BF123152.D
 Acq: 8 Feb 2021 19:52

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 2910575
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 10.0 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: BF123152.D
 Acq: 8 Feb 2021 19:52

Tgt Ion:264 Resp: 561731
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 21.7 17.0 25.6

