

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
 Data File : BF123136.D
 Acq On : 5 Feb 2021 15:33
 Operator : JU/CG
 Sample : M1305-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-CON

Quant Time: Feb 05 16:36:44 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)

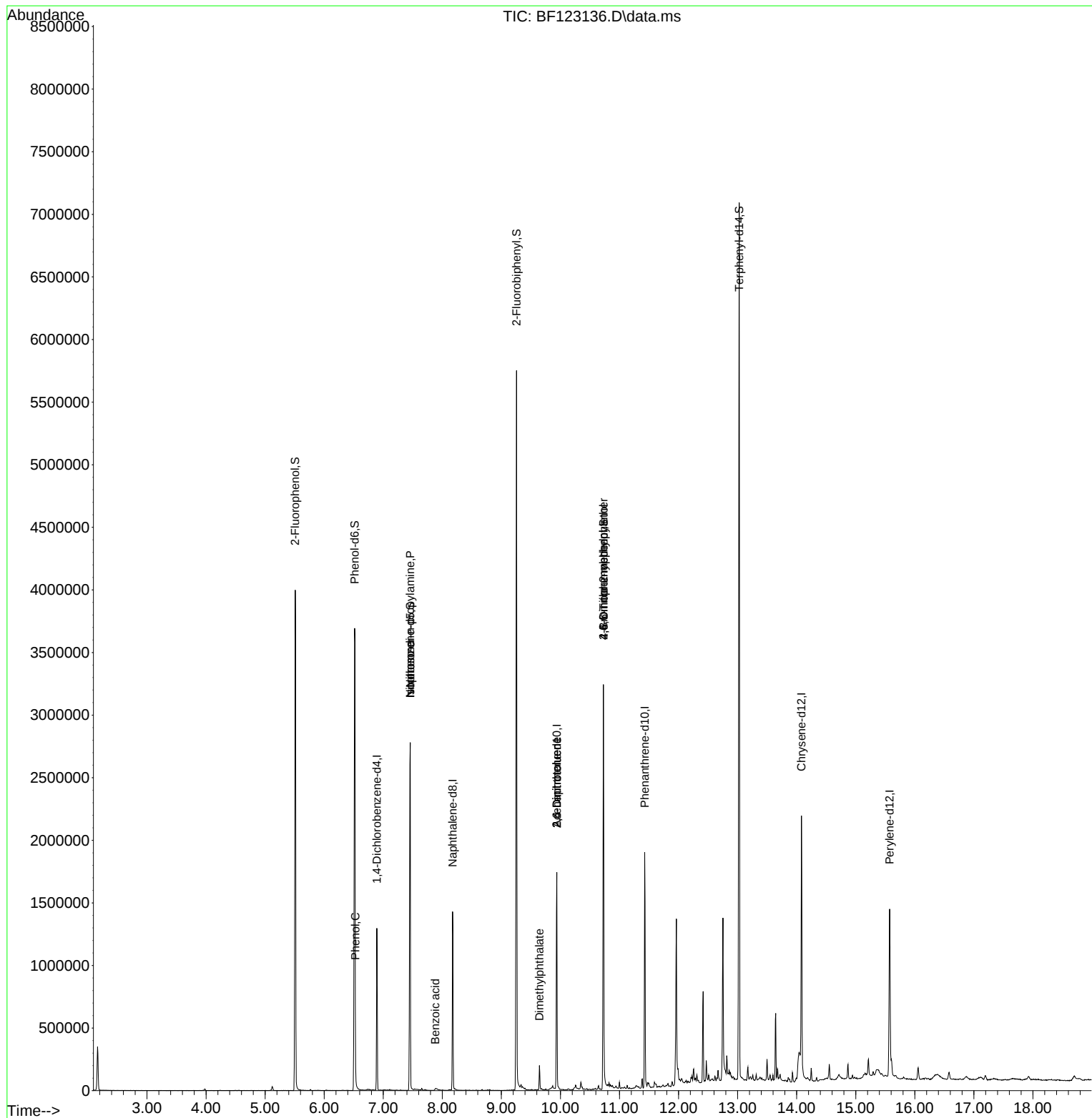
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	169949	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	653156	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	358017	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	676325	20.00	ng	0.00
76) Chrysene-d12	14.080	240	683198	20.00	ng	0.00
86) Perylene-d12	15.574	264	653476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1230690	111.70	ng	0.00
7) Phenol-d6	6.516	99	1560425	104.49	ng	0.00
23) Nitrobenzene-d5	7.457	82	979613	75.48	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	422847	108.80	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1818082	75.49	ng	0.00
79) Terphenyl-d14	13.027	244	2292459	65.93	ng	0.00
Target Compounds						
10) Phenol	6.528	94	49913	3.37	ng	Qvalue 96
19) n-Nitroso-di-n-propyla...	7.457	70	131241	14.61	ng	# 77
25) Isophorone	7.457	82	979606	41.21	ng	# 65
32) Benzoic acid	7.881	122	10274	6.06	ng	96
50) Dimethylphthalate	9.645	163	79876	2.84	ng	99
51) 2,6-Dinitrotoluene	9.939	165	46107	7.71	ng	# 31
57) 2,4-Dinitrotoluene	9.939	165	46219	5.94	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	798	5.17	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	27533	3.20	ng	# 1

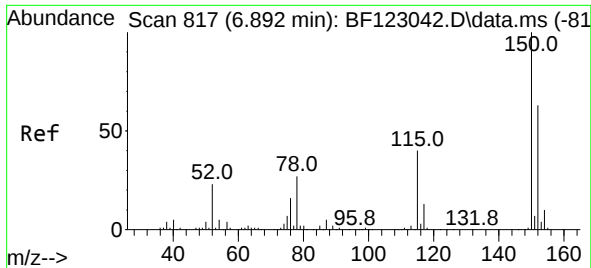
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123136.D
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Sample : M1305-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
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QLast Update : Fri Jan 29 12:29:00 2021
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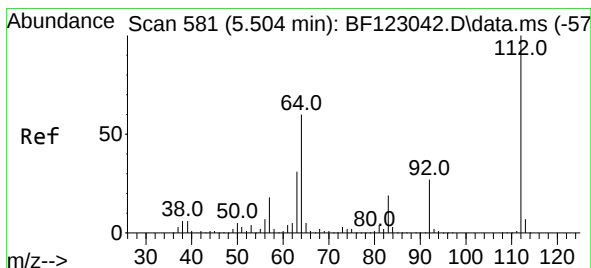
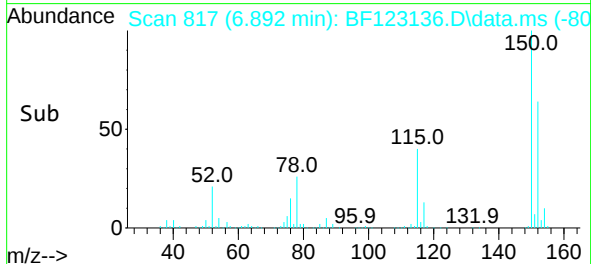
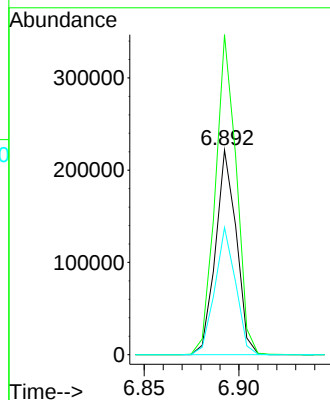
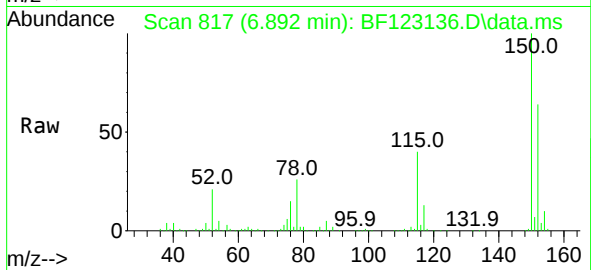




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.892 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF123136.D
 Acq: 5 Feb 2021 15:33

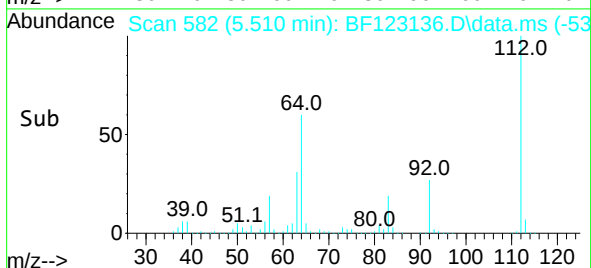
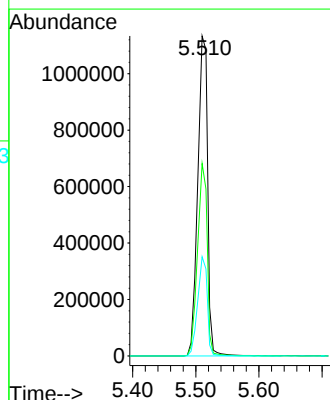
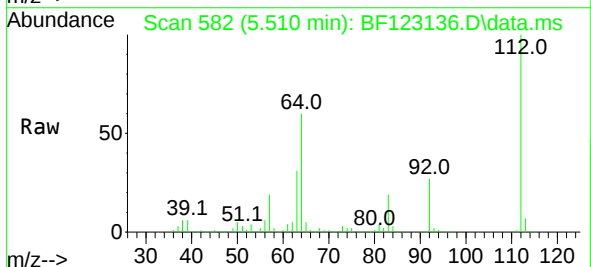
Instrument :
 BNA_F
 ClientSampled :
 LS-CON

Tgt Ion:152 Resp: 169949
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.8 188.6
 115 62.1 49.3 73.9



#5
 2-Fluorophenol
 Concen: 111.70 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.006 min
 Lab File: BF123136.D
 Acq: 5 Feb 2021 15:33

Tgt Ion:112 Resp: 1230690
 Ion Ratio Lower Upper
 112 100
 64 60.1 46.9 70.3
 63 31.0 24.5 36.7



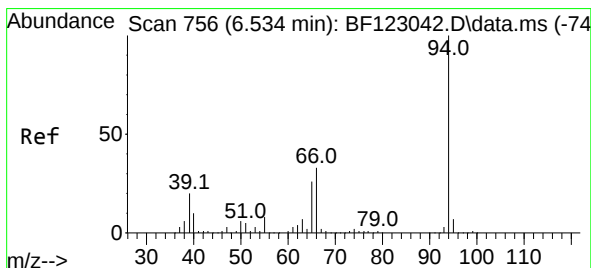
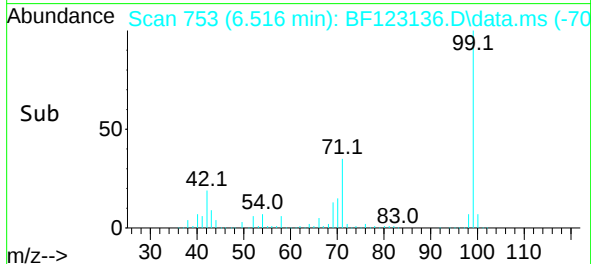
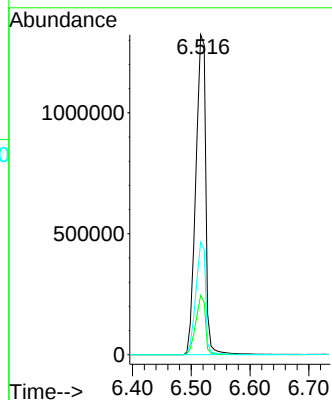
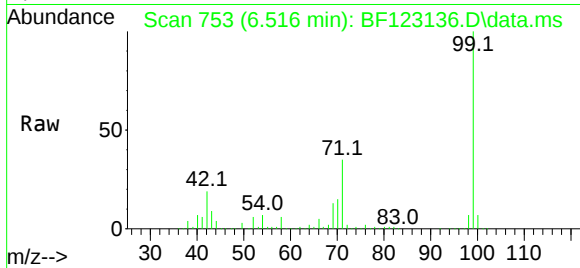


#7
Phenol-d6
Concen: 104.49 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

Instrument :
BNA_F
ClientSampleId :
LS-CON

Tgt Ion: 99 Resp: 1560425

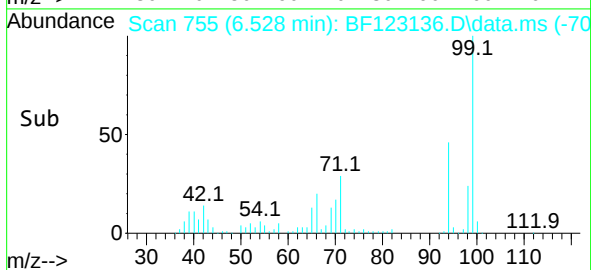
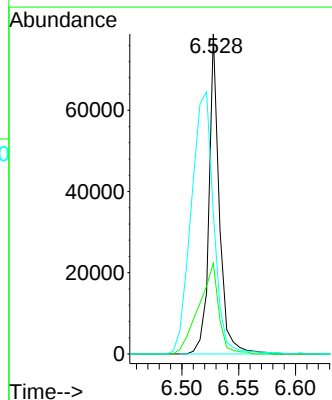
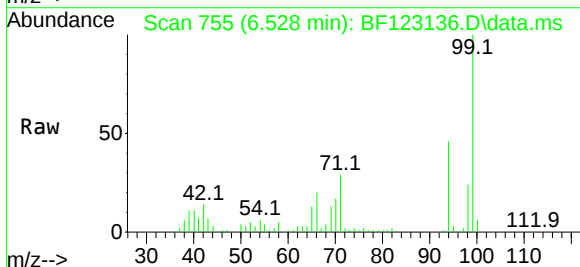
Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.8	20.6
71	35.2	26.9	40.3

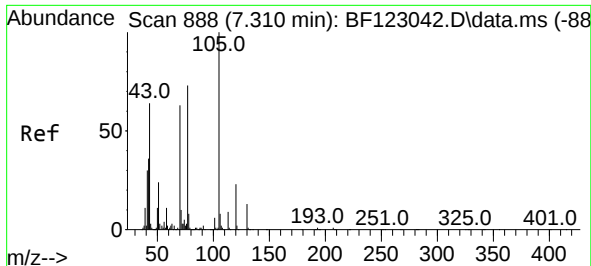


#10
Phenol
Concen: 3.37 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

Tgt Ion: 94 Resp: 49913

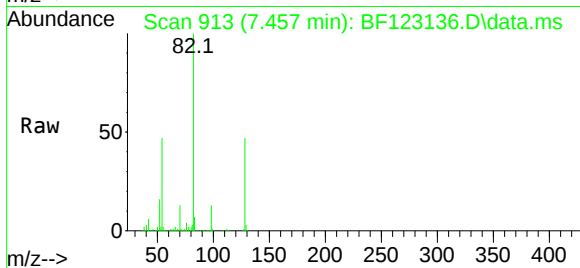
Ion	Ratio	Lower	Upper
94	100		
65	28.3	11.2	51.2
66	43.9	25.8	65.8



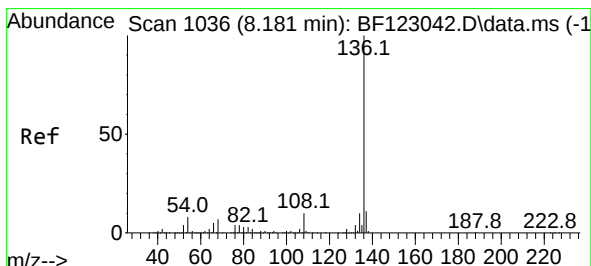
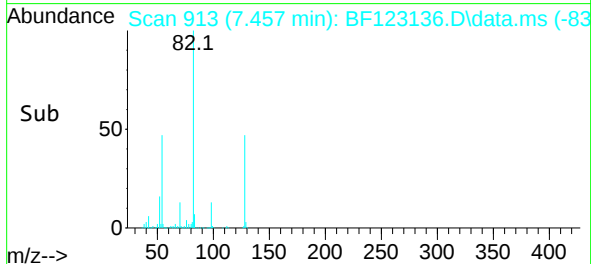
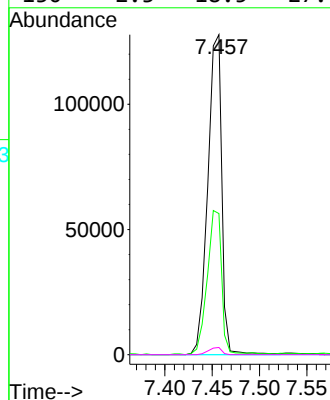


#19
n-Nitroso-di-n-propylamine
Concen: 14.61 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

Instrument :
BNA_F
ClientSampleId :
LS-CON

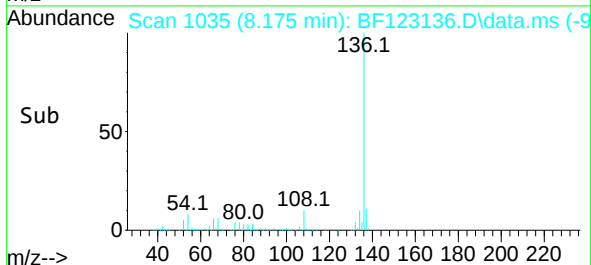
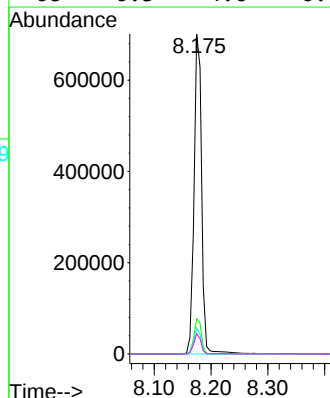
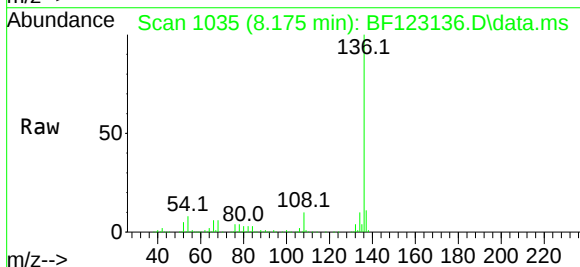


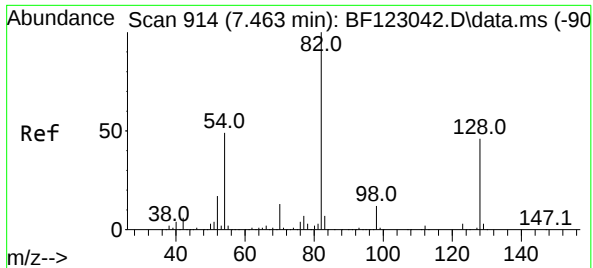
Tgt Ion: 70 Resp: 131241
Ion Ratio Lower Upper
70 100
42 44.1 43.0 64.4
101 0.0 7.9 11.9#
130 2.3 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

Tgt Ion: 136 Resp: 653156
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 5.5 8.3
68 6.3 4.6 6.8

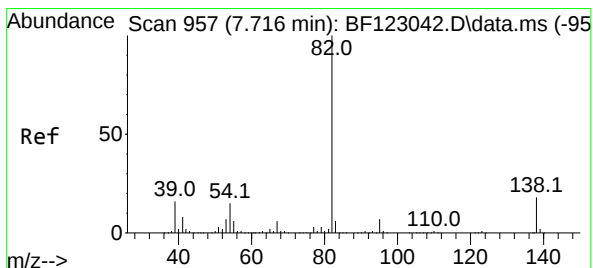
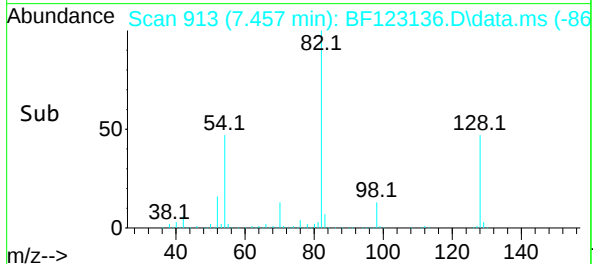
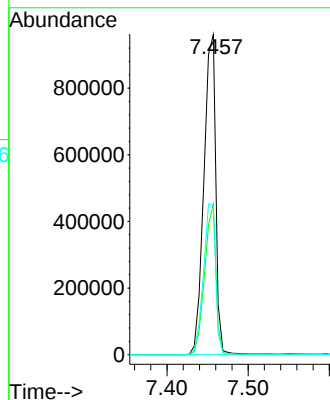
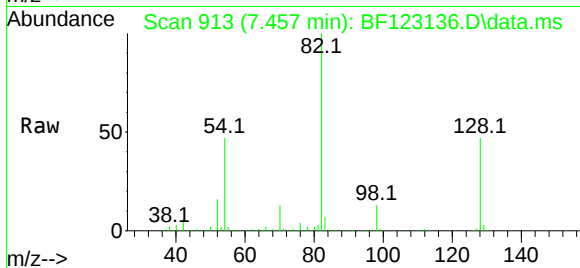




#23
Nitrobenzene-d5
Concen: 75.48 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

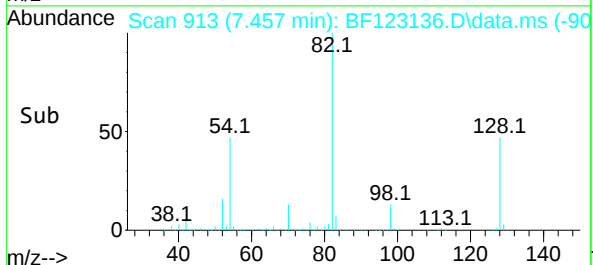
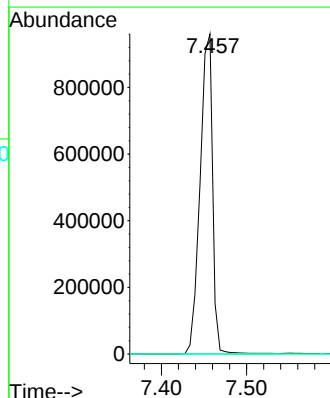
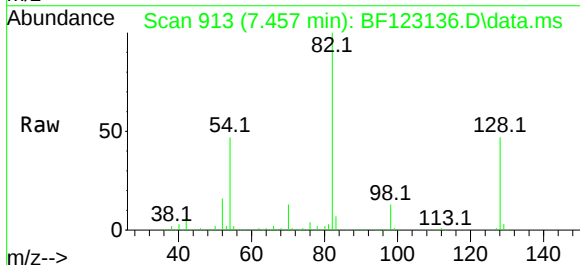
Instrument :
BNA_F
ClientSampleId :
LS-CON

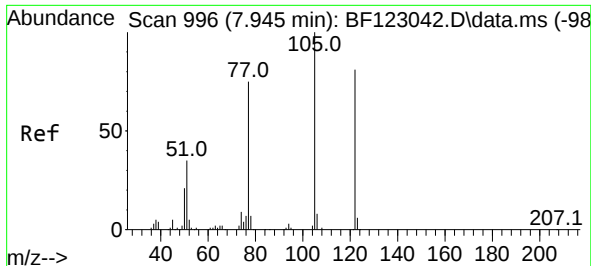
Tgt Ion: 82 Resp: 979613
Ion Ratio Lower Upper
82 100
128 47.1 37.0 55.4
54 46.7 38.4 57.6



#25
Isophorone
Concen: 41.21 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.259 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

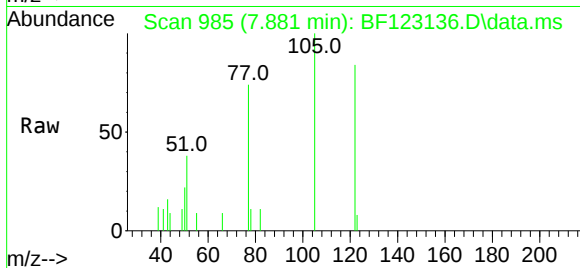
Tgt Ion: 82 Resp: 979606
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#





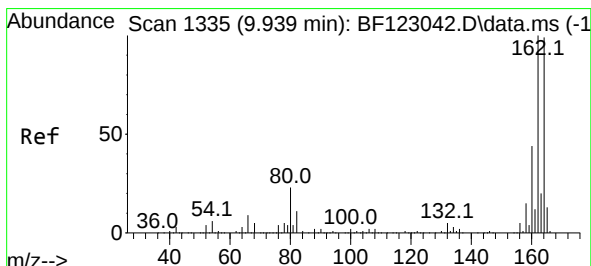
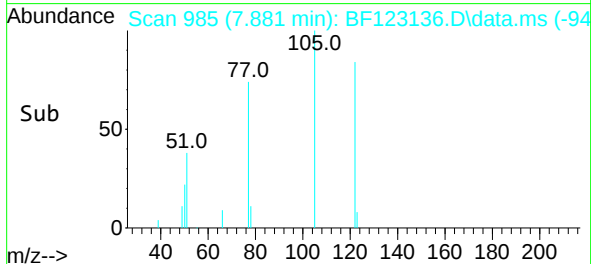
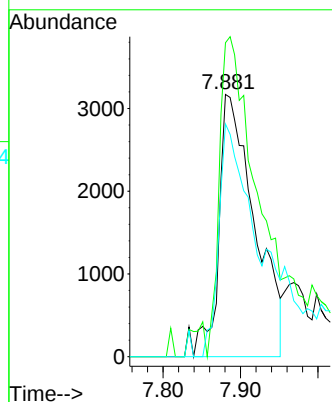
#32
Benzoic acid
Concen: 6.06 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.064 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

Instrument :
BNA_F
ClientSampleId :
LS-CON



Tgt Ion:122 Resp: 10274

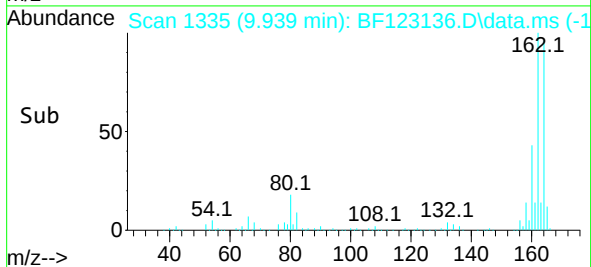
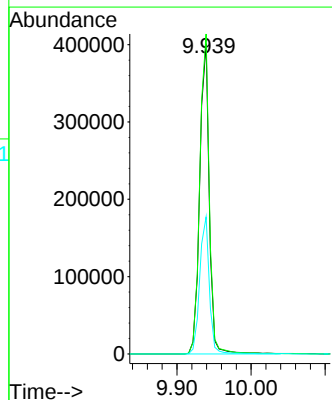
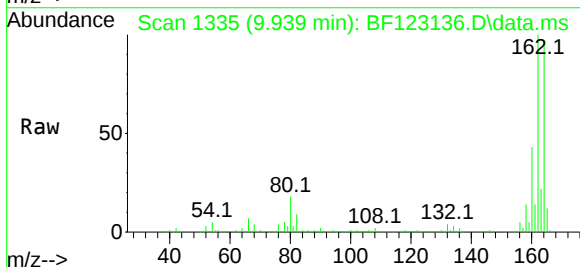
Ion	Ratio	Lower	Upper
122	100		
105	119.7	104.8	144.8
77	88.7	71.0	111.0

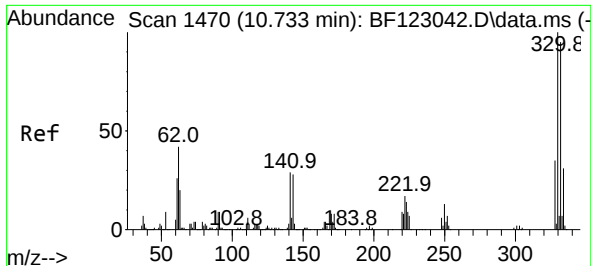


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

Tgt Ion:164 Resp: 358017

Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.8	121.2
160	44.2	35.4	53.0

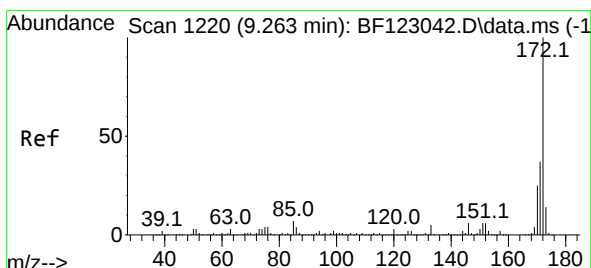
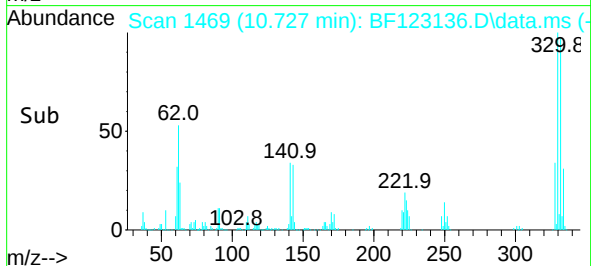
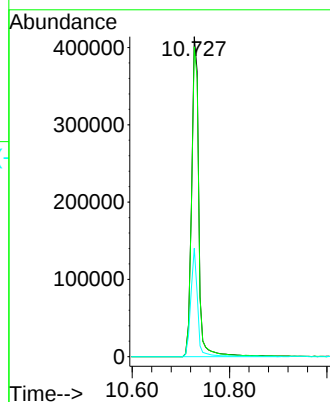
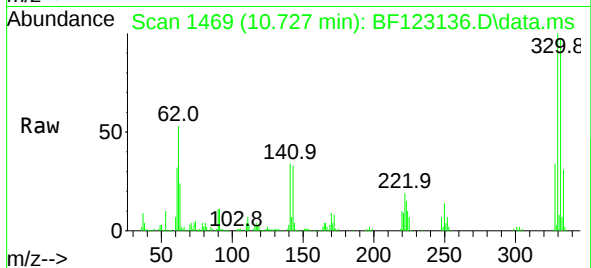




#42
2,4,6-Tribromophenol
Concen: 108.80 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

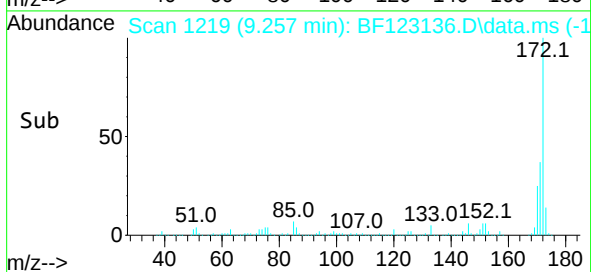
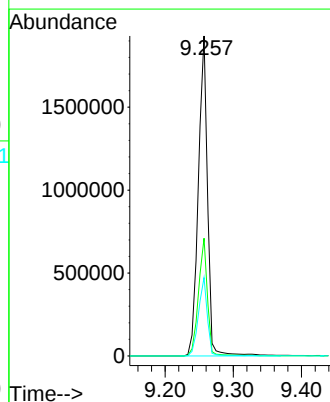
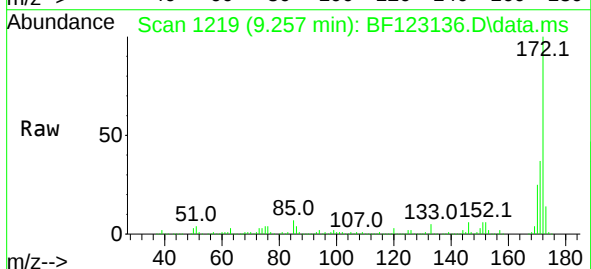
Instrument :
BNA_F
ClientSampleId :
LS-CON

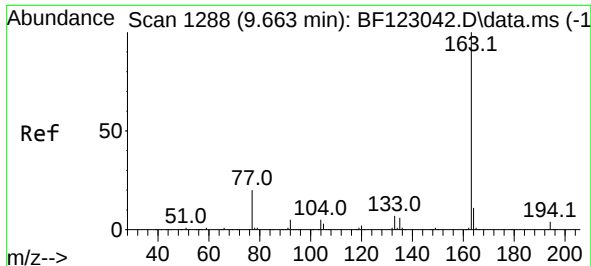
Tgt Ion:330 Resp: 422847
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 31.8 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 75.49 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

Tgt Ion:172 Resp: 1818082
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.5 19.5 29.3

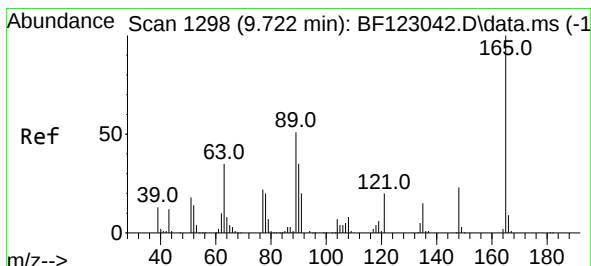
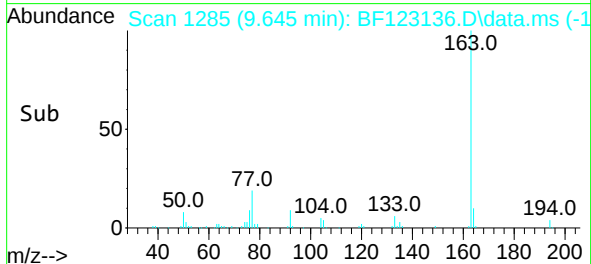
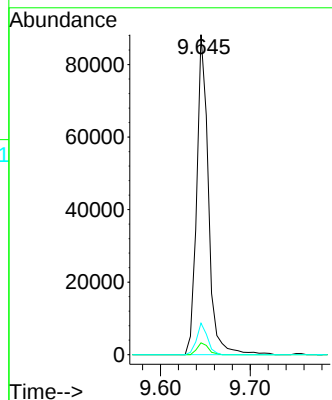
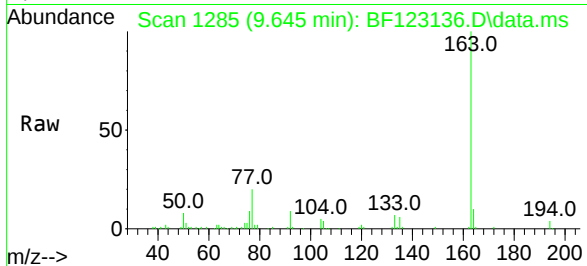




#50
Dimethylphthalate
Concen: 2.84 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

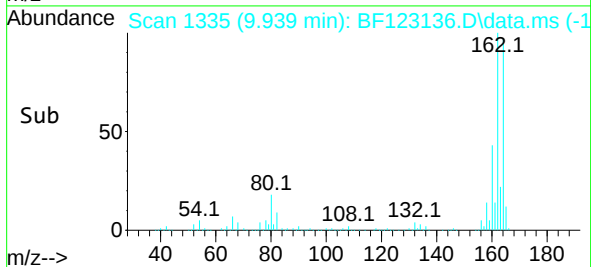
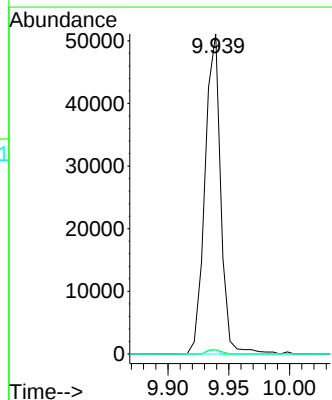
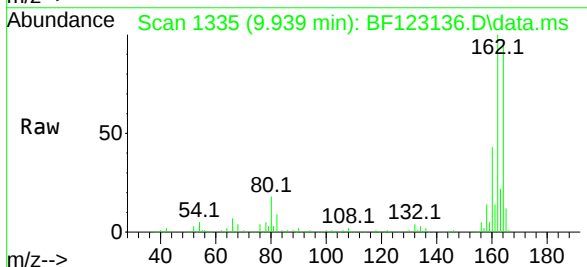
Instrument :
BNA_F
ClientSampleId :
LS-CON

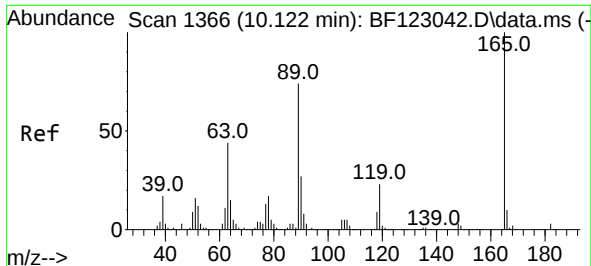
Tgt Ion:163 Resp: 79876
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 9.8 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.71 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.218 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

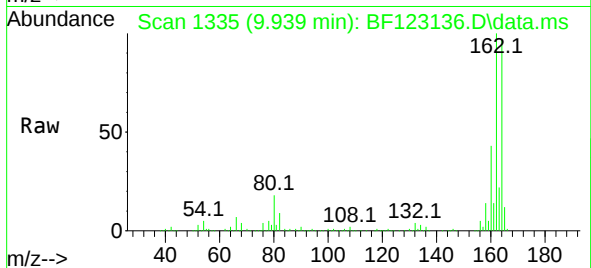
Tgt Ion:165 Resp: 46107
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.4 39.4 59.0#



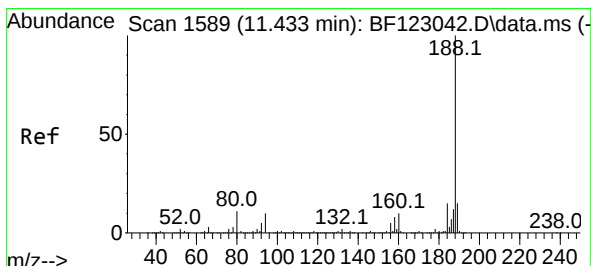
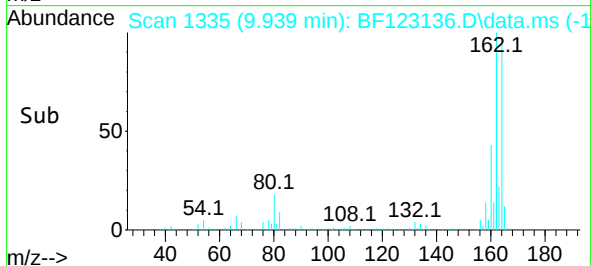
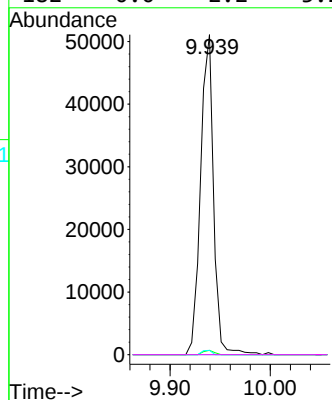


#57
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.182 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

Instrument :
BNA_F
ClientSampleId :
LS-CON

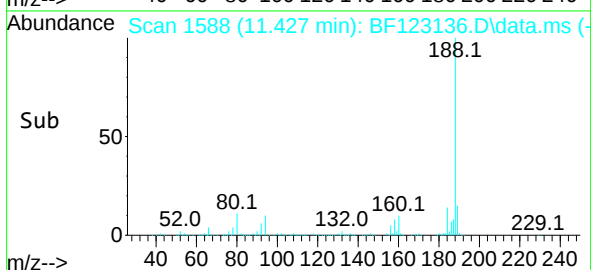
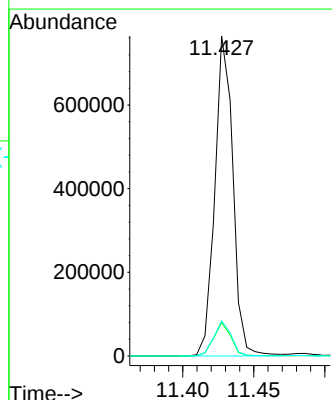
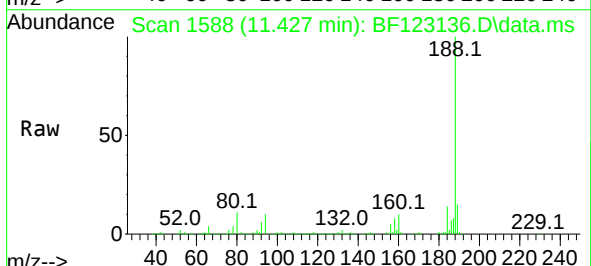


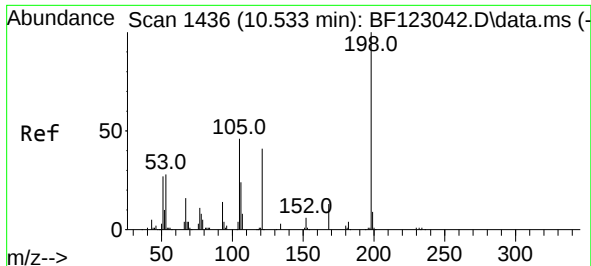
Tgt Ion:165 Resp: 46219
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

Tgt Ion:188 Resp: 676325
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 11.0 8.2 12.4

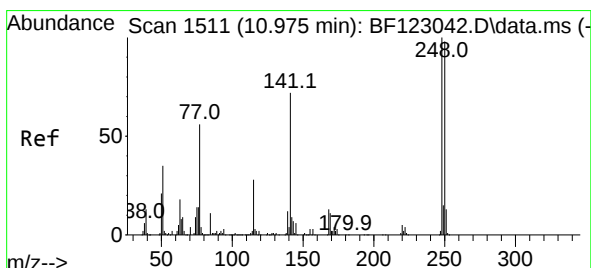
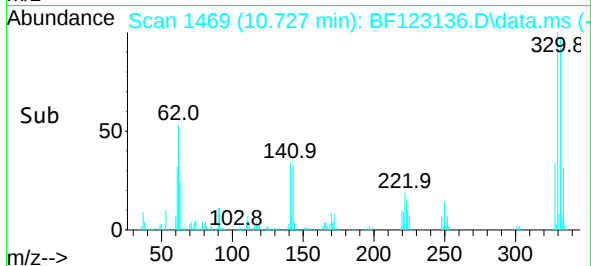
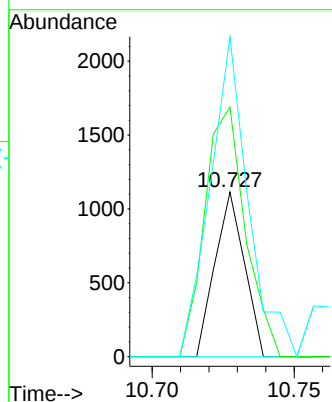
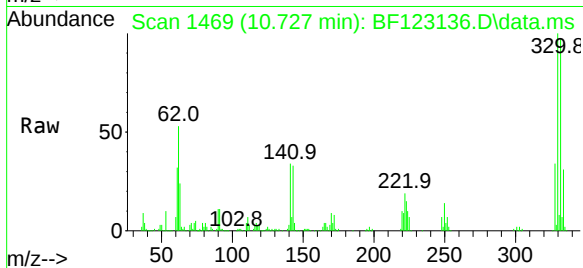




#65
4,6-Dinitro-2-methylphenol
Concen: 5.17 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

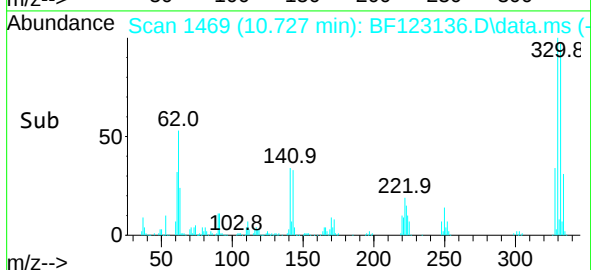
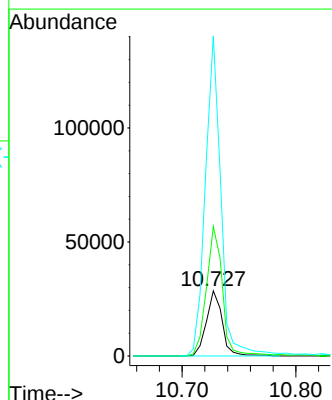
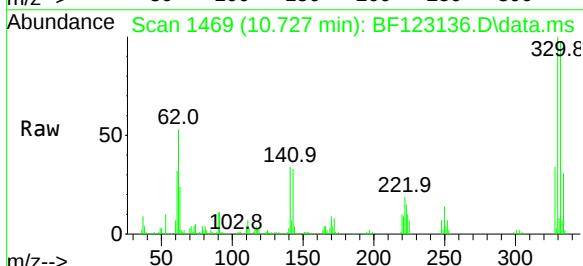
Instrument :
BNA_F
ClientSampled :
LS-CON

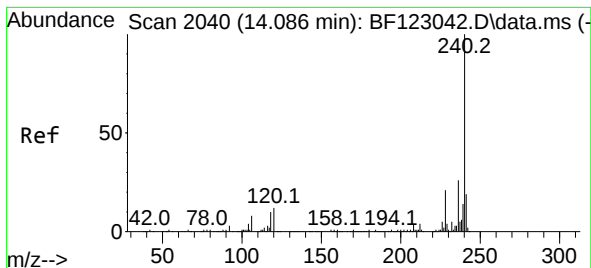
Tgt Ion:198 Resp: 798
Ion Ratio Lower Upper
198 100
51 151.8 20.3 60.3#
105 194.6 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.20 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

Tgt Ion:248 Resp: 27533
Ion Ratio Lower Upper
248 100
250 198.7 76.8 115.2#
141 491.4 59.8 89.8#

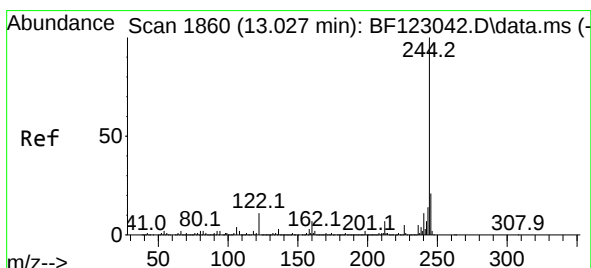
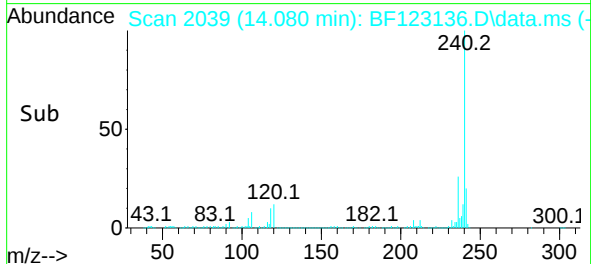
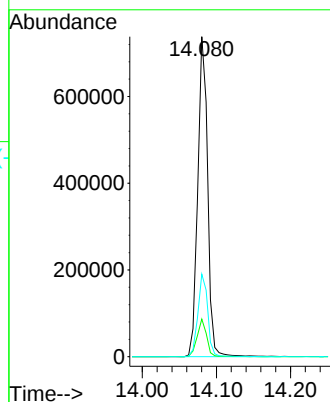
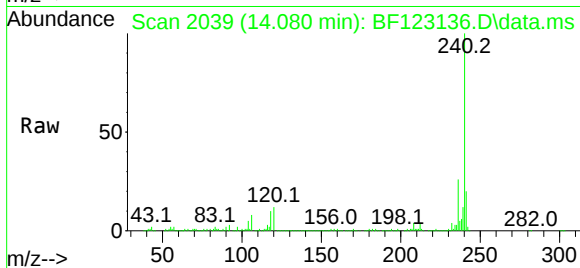




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

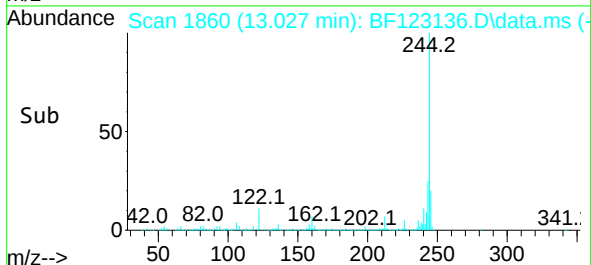
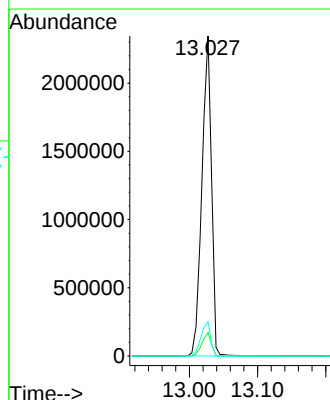
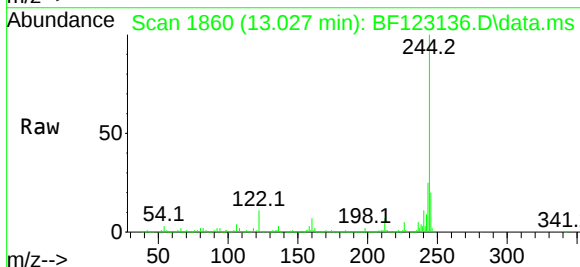
Instrument :
BNA_F
ClientSampleId :
LS-CON

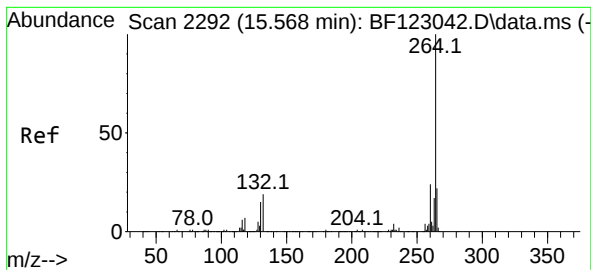
Tgt Ion:240 Resp: 683198
Ion Ratio Lower Upper
240 100
120 11.8 8.6 12.8
236 25.8 20.3 30.5



#79
Terphenyl-d14
Concen: 65.93 ng
RT: 13.027 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

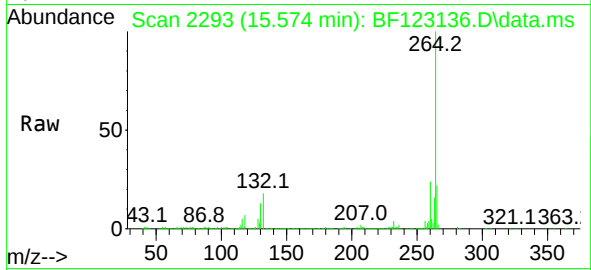
Tgt Ion:244 Resp: 2292459
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.7 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BF123136.D
Acq: 5 Feb 2021 15:33

Instrument :
BNA_F
ClientSampleId :
LS-CON



Tgt Ion:	264	Resp:	653476
Ion Ratio	100	Lower	Upper
264	100		
260	24.5	18.6	28.0
265	21.6	17.0	25.6

