

Data Path : Z:\HPCHEM1\BNA F\Data\BF030118\
 Data File : BF103326.D
 Acq On : 1 Mar 2018 10:36
 Operator : SJ/JU
 Sample : PB106938BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 01 12:38:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

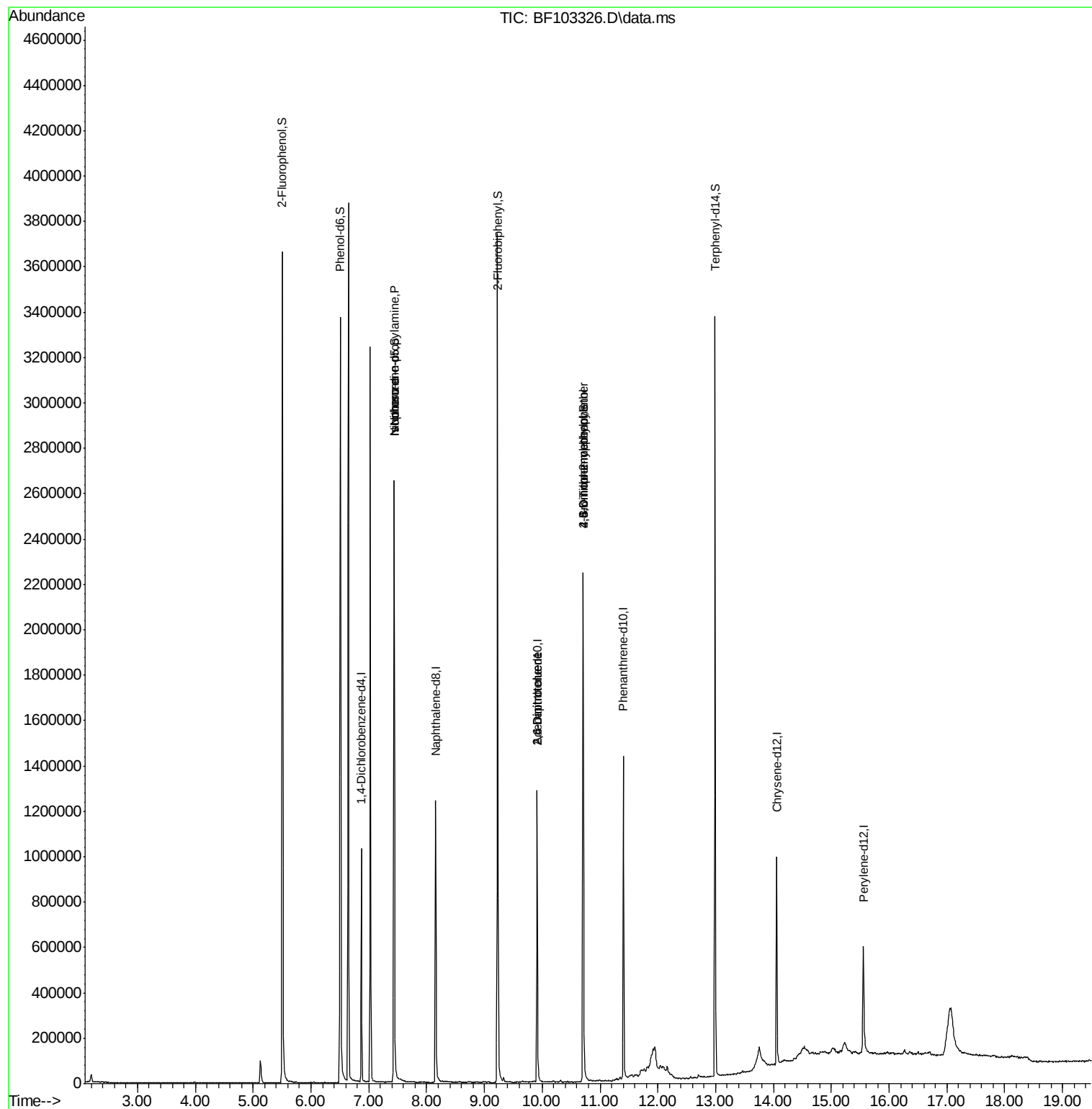
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.875	152	144354	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	613729	20.00	ng	0.00
38) Acenaphthene-d10	9.910	164	278612	20.00	ng	0.00
63) Phenanthrene-d10	11.404	188	498734	20.00	ng	0.00
75) Chrysene-d12	14.057	240	350601	20.00	ng	0.00
86) Perylene-d12	15.557	264	254753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1146437	120.11	ng	0.02
7) Phenol-d6	6.510	99	1389813	119.00	ng	0.00
23) Nitrobenzene-d5	7.440	82	923758	85.96	ng	0.00
41) 2,4,6-Tribromophenol	10.710	330	266001	112.79	ng	0.00
44) 2-Fluorobiphenyl	9.228	172	1390835	86.29	ng	0.00
78) Terphenyl-d14	12.992	244	1243810	85.28	ng	0.00
Target Compounds						
9) Benzaldehyde	6.510	77	2320	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.440	70	127747	17.57	ng	83
25) Isophorone	7.440	82	921497	43.54	ng	64
50) 2,6-Dinitrotoluene	9.910	165	35467	7.56	ng	26
56) 2,4-Dinitrotoluene	9.910	165	35467	5.98	ng	23
64) 4,6-Dinitro-2-methylph...	10.710	198	536	5.10	ng	1
66) 4-Bromophenyl-phenylether	10.710	248	17678	3.40	ng	1

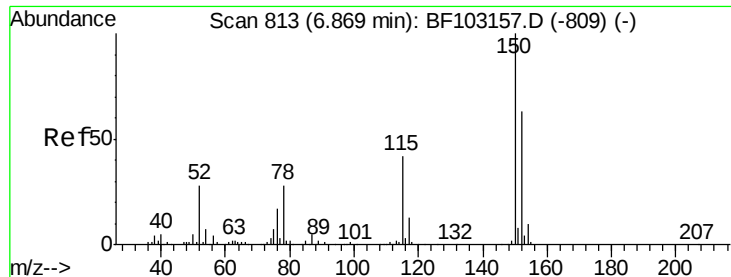
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.875 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF103326.D

Acq: 1 Mar 2018 10:36

Instrument :

BNA_F

ClientSampled :

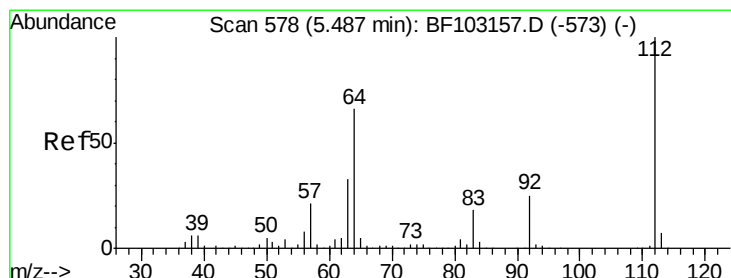
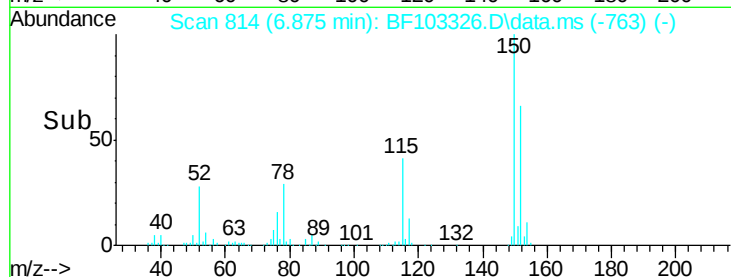
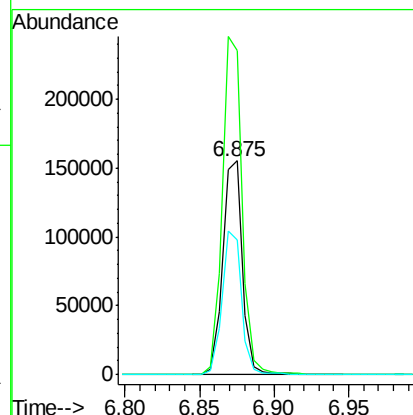
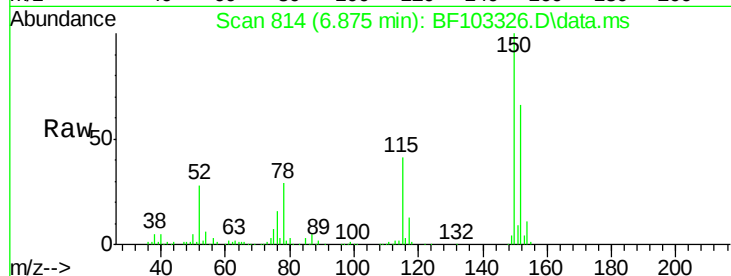
Tot Ion:152 Resp: 144354

Ion Ratio Lower Upper

152 100

150 152.0 124.6 186.8

115 62.9 50.1 75.1



#5

2-Fluorophenol

Concen: 120.11 ng

RT: 5.510 min Scan# 582

Delta R.T. 0.018 min

Lab File: BF103326.D

Acq: 1 Mar 2018 10:36

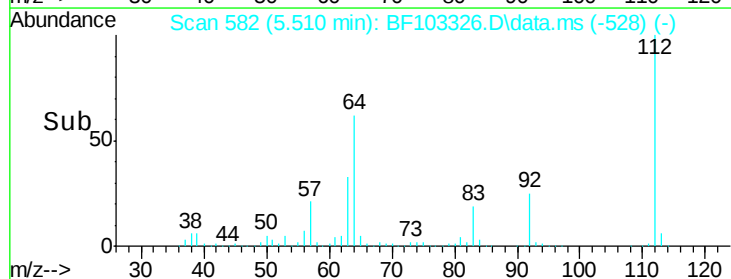
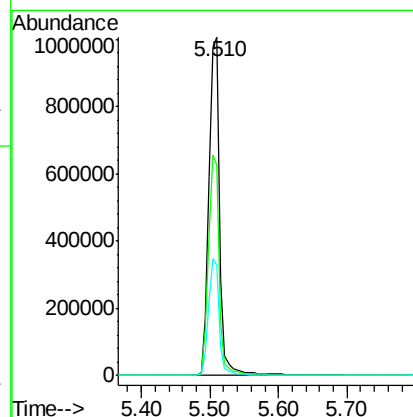
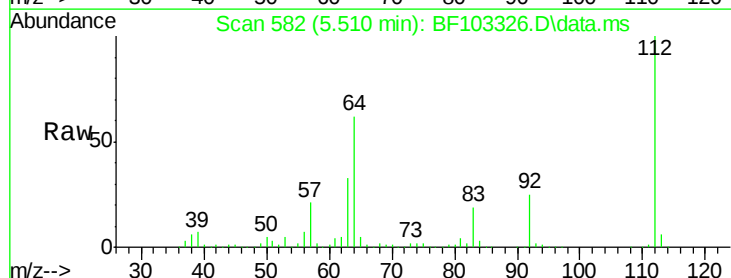
Tgt Ion:112 Resp: 1146437

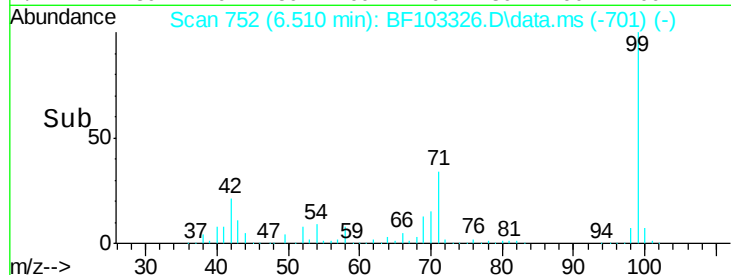
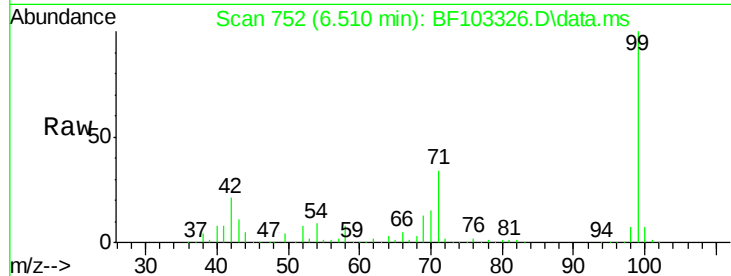
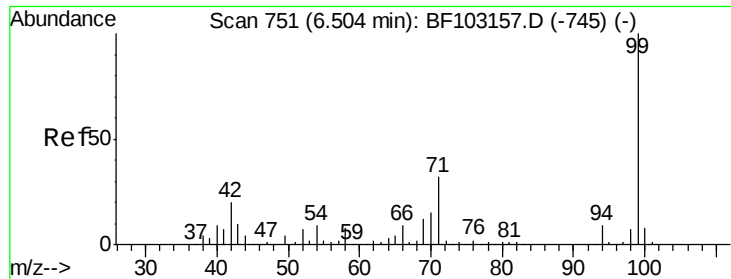
Ion Ratio Lower Upper

112 100

64 62.2 47.9 71.9

63 32.8 23.7 35.5

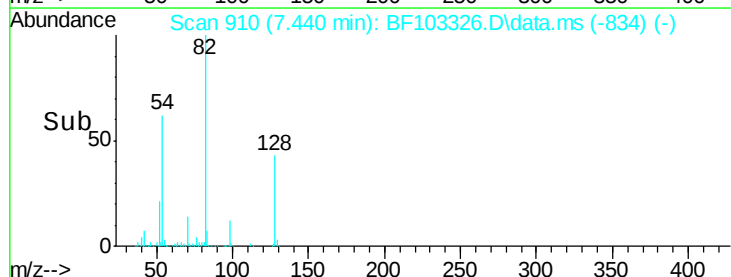
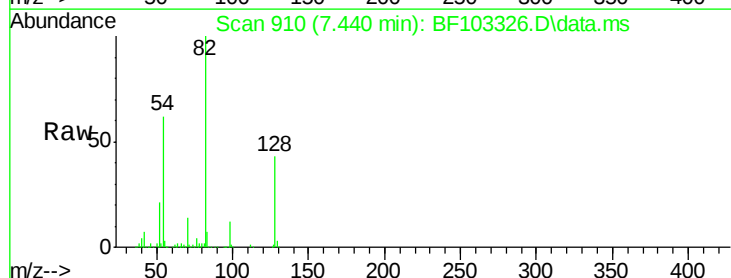
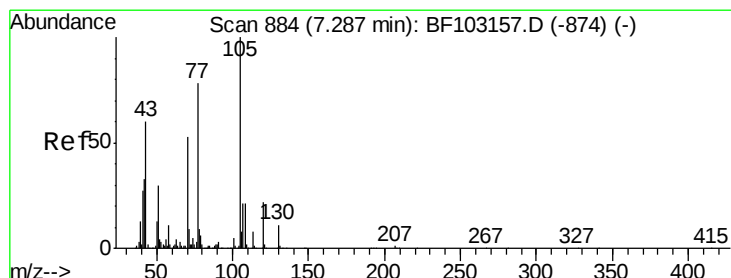
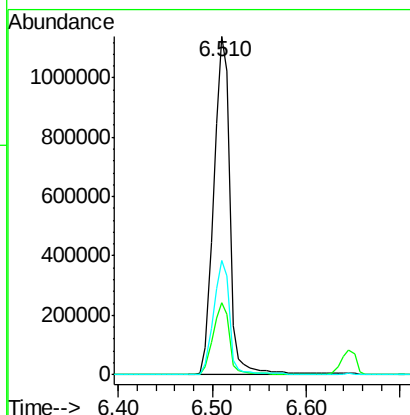




#7
Phenol-d6
Concen: 119.00 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF103326.D
Acq: 1 Mar 2018 10:36

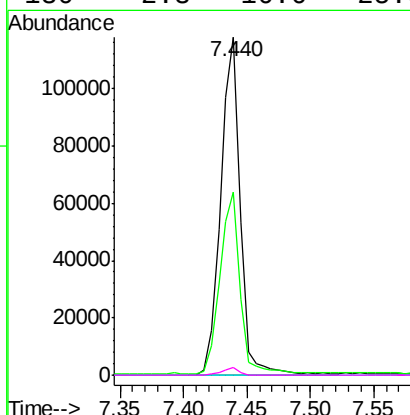
Instrument :
BNA_F
ClientSampleId :

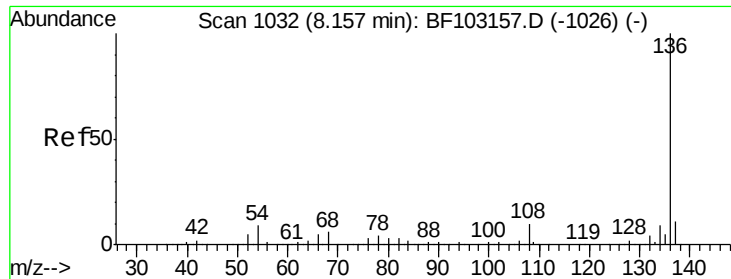
Tot Ion: 99 Resp: 1389813
Ion Ratio Lower Upper
99 100
42 21.3 14.5 21.7
71 33.7 25.4 38.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.57 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF103326.D
Acq: 1 Mar 2018 10:36

Tgt Ion: 70 Resp: 127747
Ion Ratio Lower Upper
70 100
42 54.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#

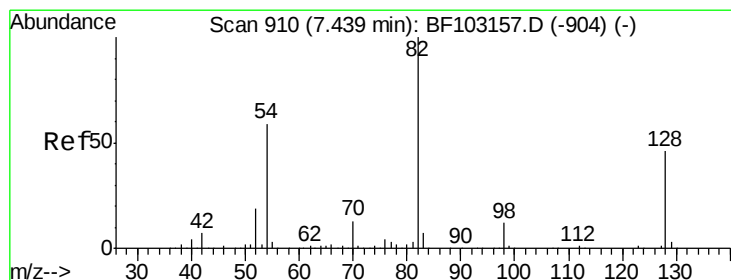
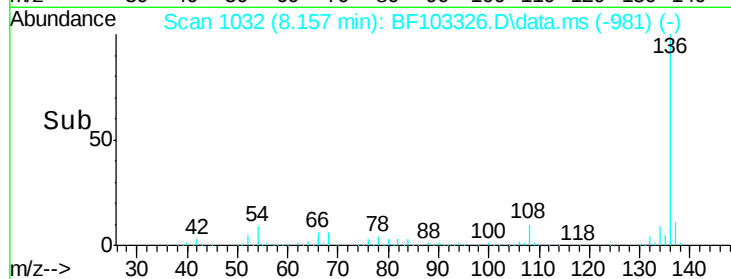
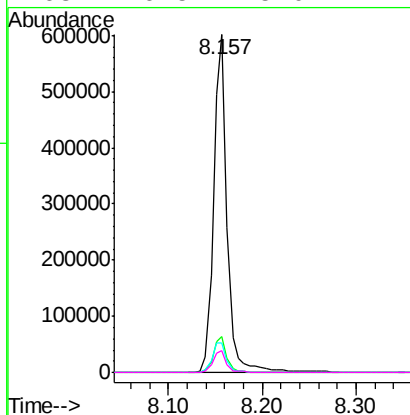
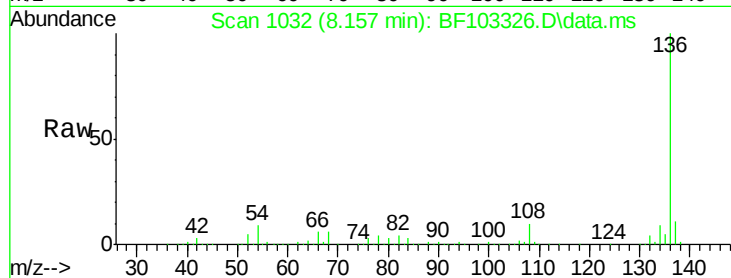




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF103326.D
Acq: 1 Mar 2018 10:36

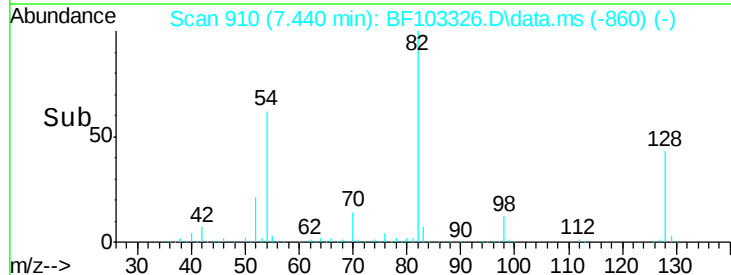
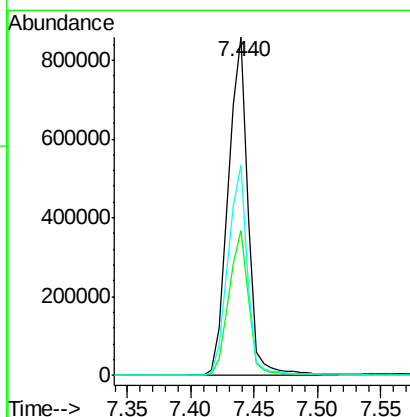
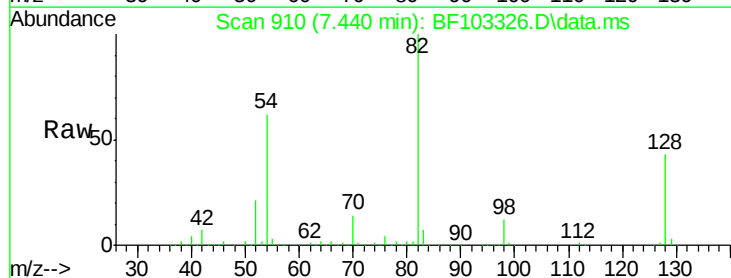
Instrument :
BNA_F
ClientSampleId :

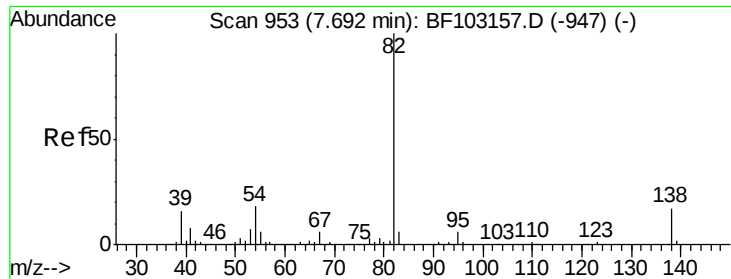
Tot Ion:136 Resp: 613729
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 8.8 6.6 9.8
68 6.5 5.0 7.4



#23
Nitrobenzene-d5
Concen: 85.96 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF103326.D
Acq: 1 Mar 2018 10:36

Tgt Ion: 82 Resp: 923758
Ion Ratio Lower Upper
82 100
128 43.0 36.1 54.1
54 62.2 41.4 62.2#





#25

Isophorone

Concen: 43.54 ng

RT: 7.440 min Scan# 91

Delta R.T. -0.259 min

Lab File: BF103326.D

Acq: 1 Mar 2018 10:36

Instrument :

BNA_F

ClientSampleId :

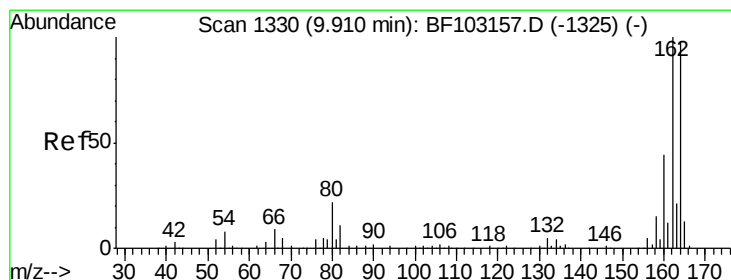
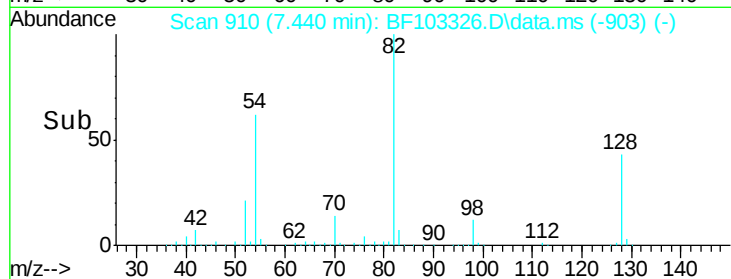
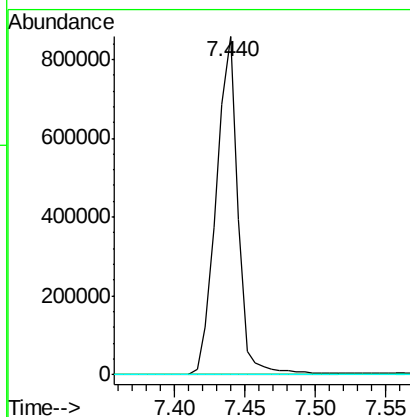
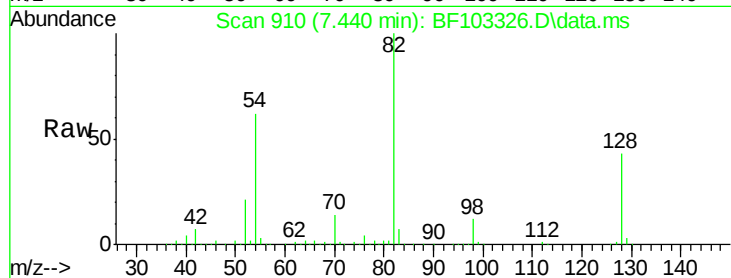
Tot Ion: 82 Resp: 921497

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF103326.D

Acq: 1 Mar 2018 10:36

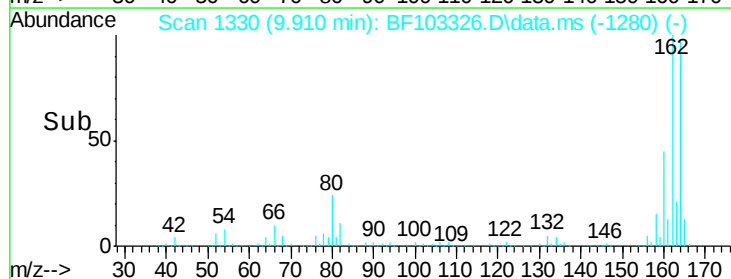
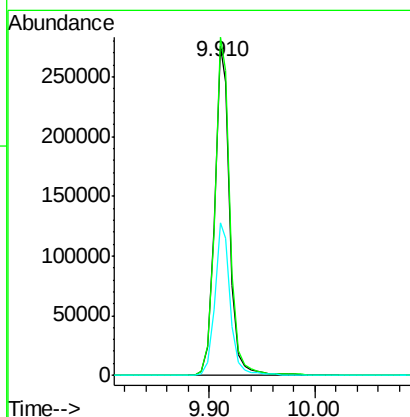
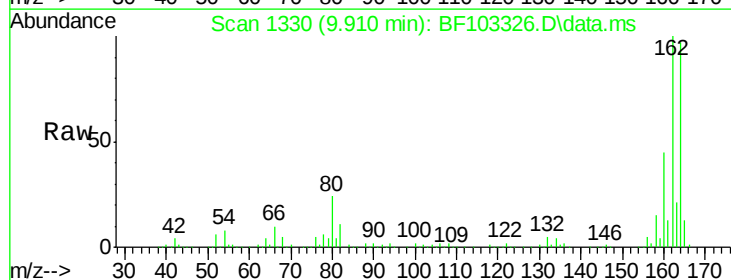
Tgt Ion:164 Resp: 278612

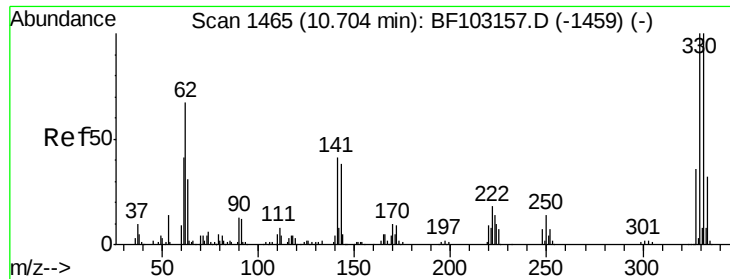
Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

160 46.5 38.3 57.5

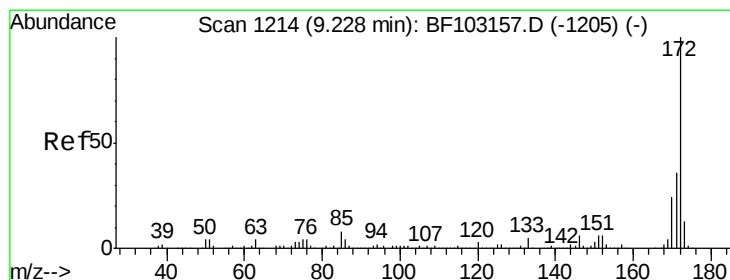
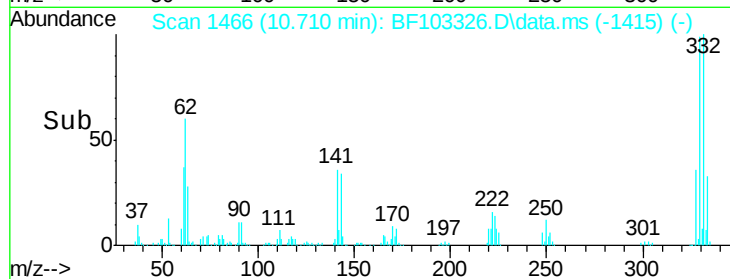
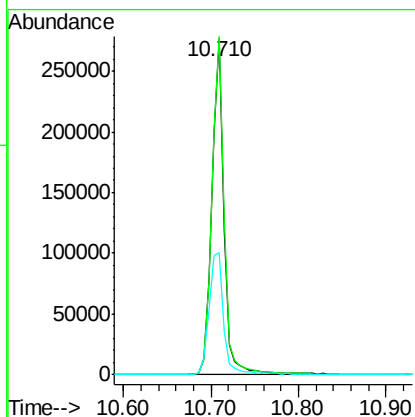
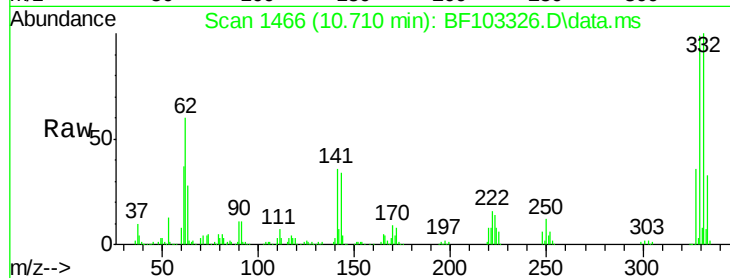




#41
 2,4,6-Tribromophenol
 Concen: 112.79 ng
 RT: 10.710 min Scan# 1466
 Delta R.T. 0.000 min
 Lab File: BF103326.D
 Acq: 1 Mar 2018 10:36

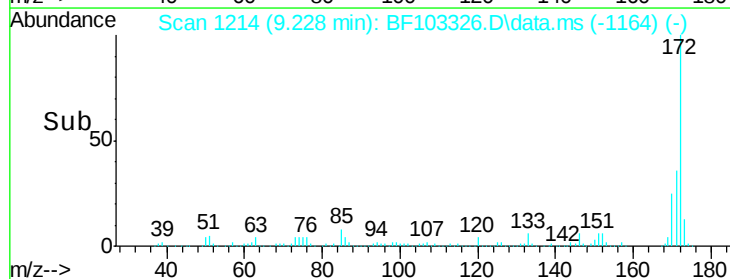
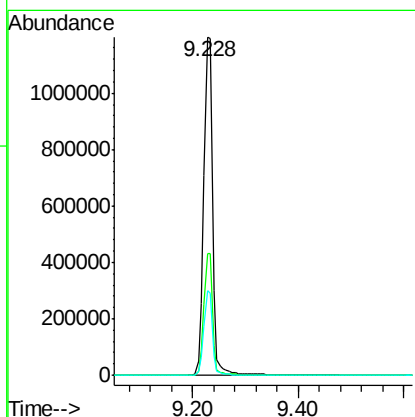
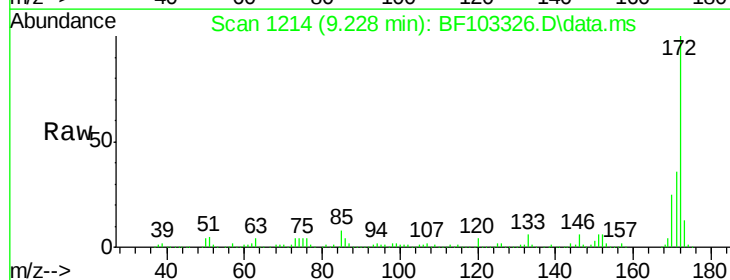
Instrument :
 BNA_F
 ClientSampleId :

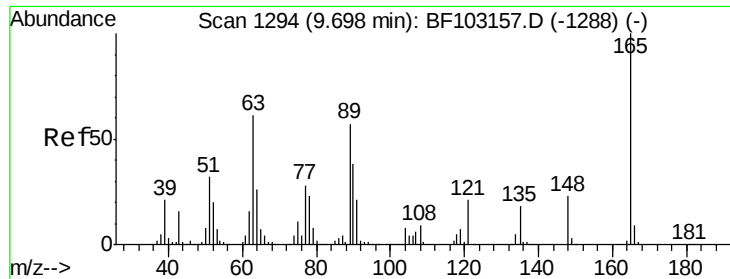
Tot Ion:330 Resp: 266001
 Ion Ratio Lower Upper
 330 100
 332 102.4 77.0 115.6
 141 43.8 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 86.29 ng
 RT: 9.228 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: BF103326.D
 Acq: 1 Mar 2018 10:36

Tgt Ion:172 Resp: 1390835
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.9 19.6 29.4

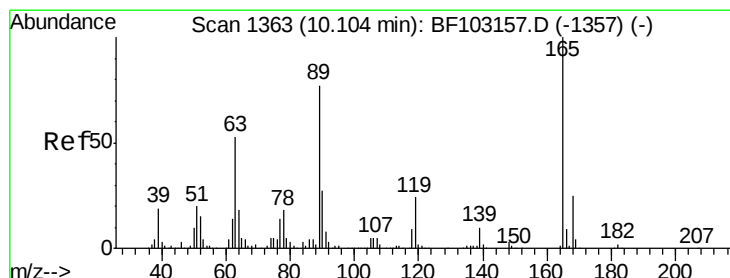
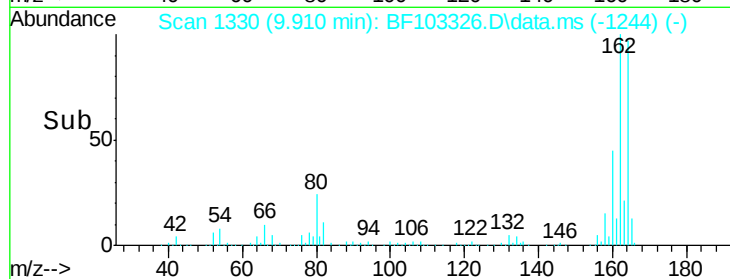
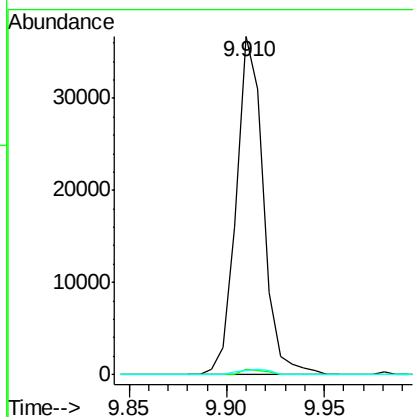
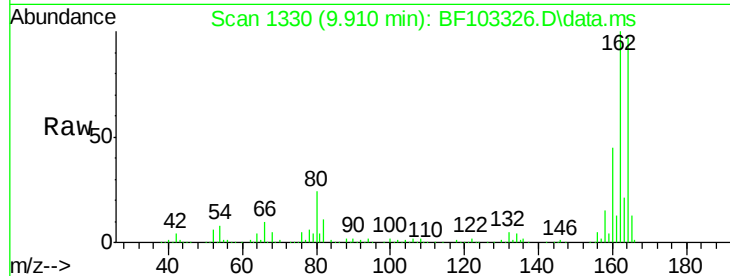




#50
 2,6-Dinitrotoluene
 Concen: 7.56 ng
 RT: 9.910 min Scan# 1330
 Delta R.T. 0.206 min
 Lab File: BF103326.D
 Acq: 1 Mar 2018 10:36

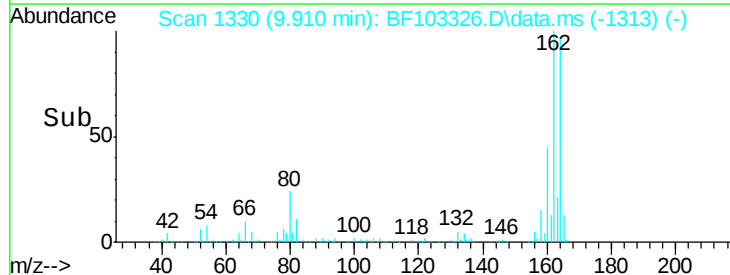
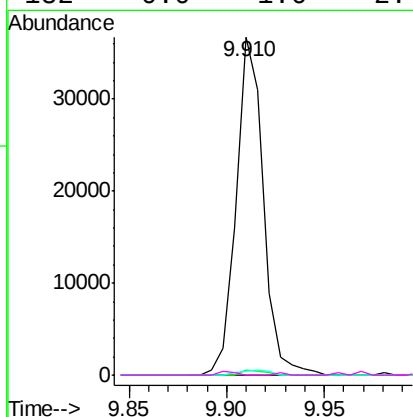
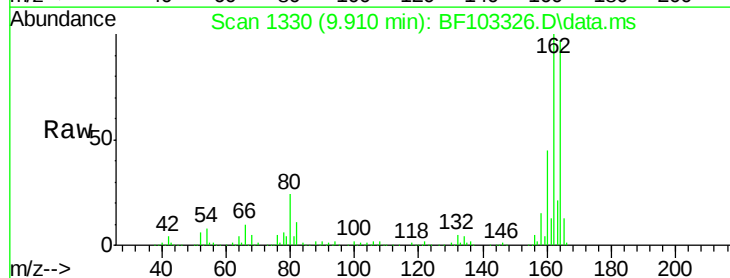
Instrument :
 BNA_F
 ClientSampled :

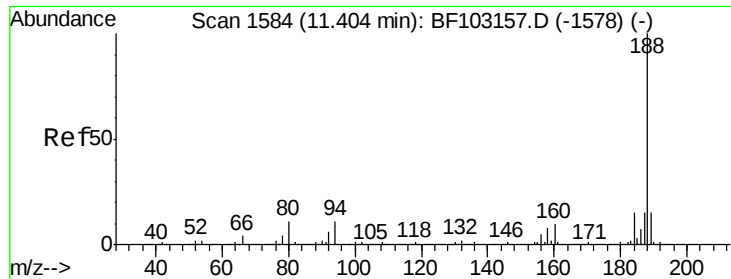
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.2	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.98 ng
 RT: 9.910 min Scan# 1330
 Delta R.T. -0.200 min
 Lab File: BF103326.D
 Acq: 1 Mar 2018 10:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

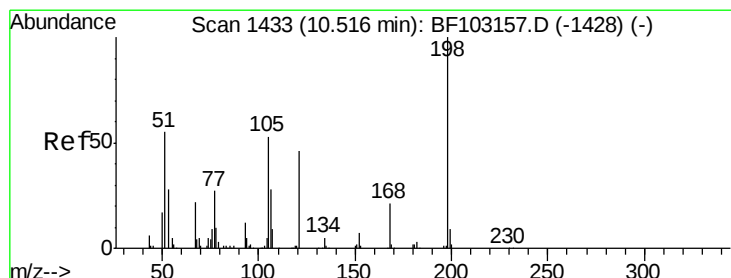
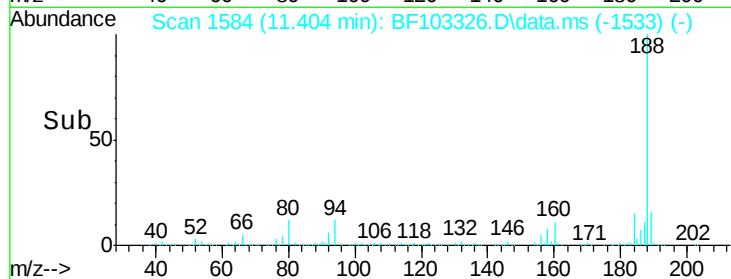
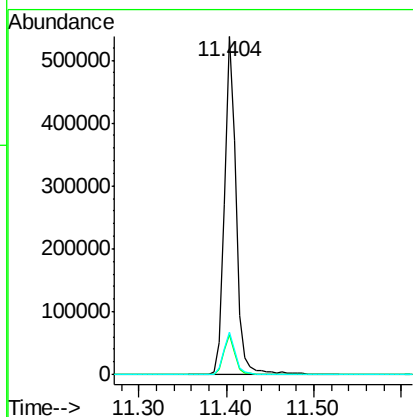
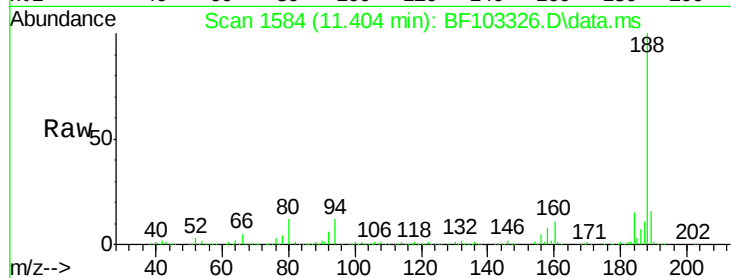




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.404 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: BF103326.D
 Acq: 1 Mar 2018 10:36

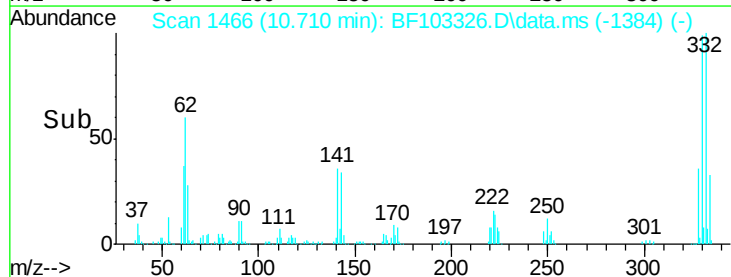
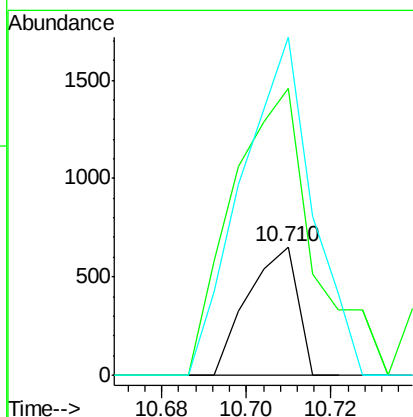
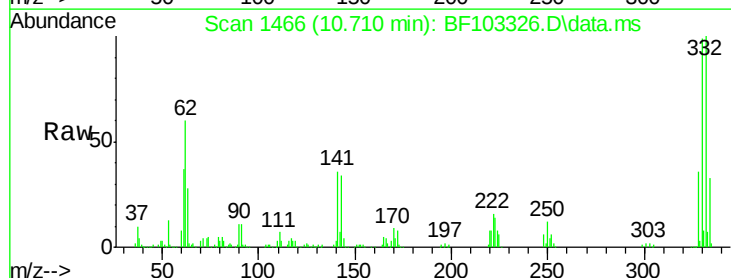
Instrument :
 BNA_F
 ClientSampleId :

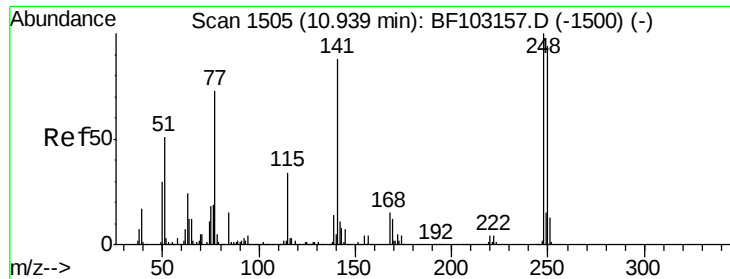
Tot Ion:188 Resp: 498734
 Ion Ratio Lower Upper
 188 100
 94 11.7 8.5 12.7
 80 12.5 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.10 ng
 RT: 10.710 min Scan# 1466
 Delta R.T. 0.182 min
 Lab File: BF103326.D
 Acq: 1 Mar 2018 10:36

Tgt Ion:198 Resp: 536
 Ion Ratio Lower Upper
 198 100
 51 224.1 37.7 77.7#
 105 263.5 36.3 76.3#

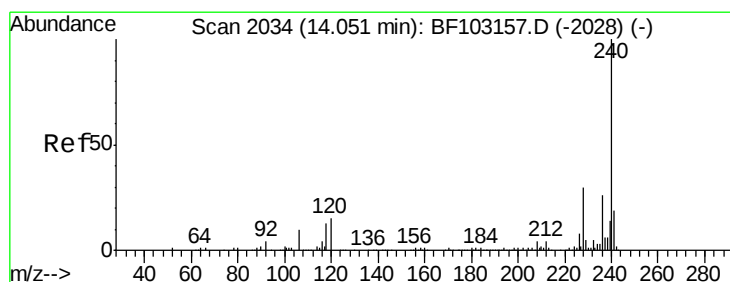
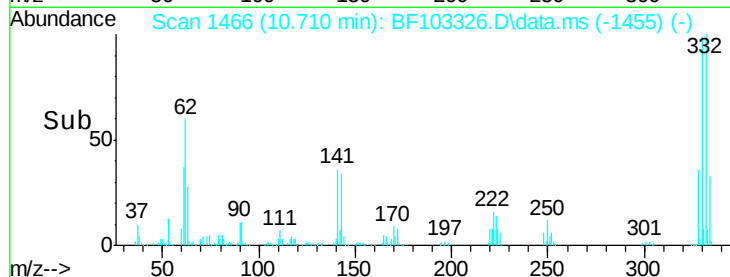
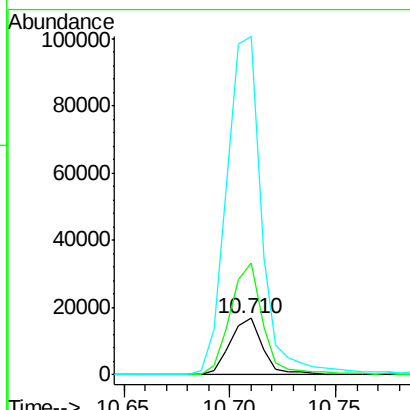
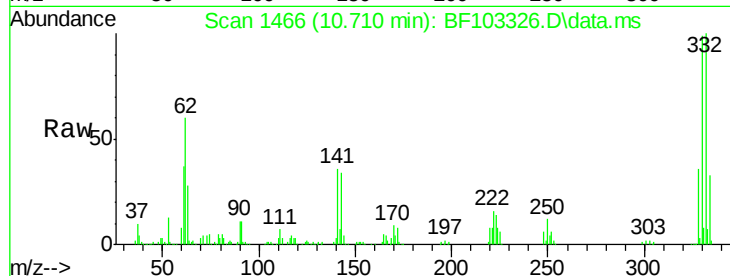




#66
 4-Bromophenyl-phenylether
 Concen: 3.40 ng
 RT: 10.710 min Scan# 14
 Delta R.T. -0.235 min
 Lab File: BF103326.D
 Acq: 1 Mar 2018 10:36

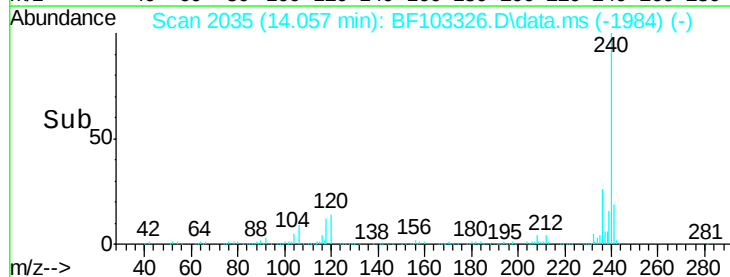
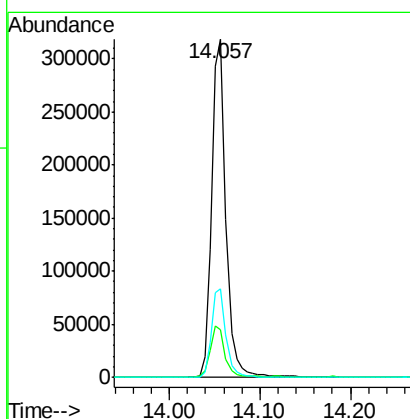
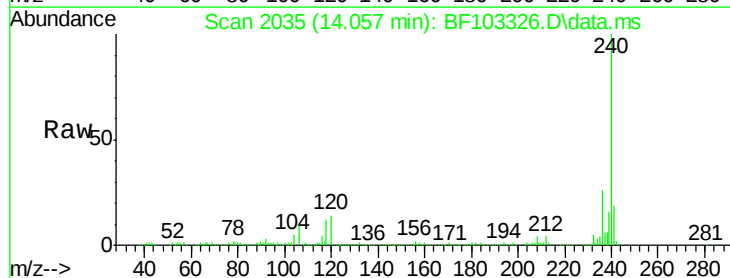
Instrument :
 BNA_F
 ClientSampled :

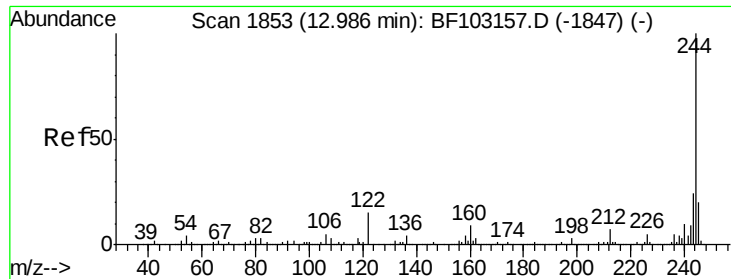
Tot Ion:248 Resp: 17678
 Ion Ratio Lower Upper
 248 100
 250 198.6 76.9 115.3#
 141 601.4 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. 0.000 min
 Lab File: BF103326.D
 Acq: 1 Mar 2018 10:36

Tgt Ion:240 Resp: 350601
 Ion Ratio Lower Upper
 240 100
 120 14.1 9.5 14.3
 236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 85.28 ng

RT: 12.992 min Scan# 18

Delta R.T. 0.000 min

Lab File: BF103326.D

Acq: 1 Mar 2018 10:36

Instrument :

BNA_F

ClientSampleId :

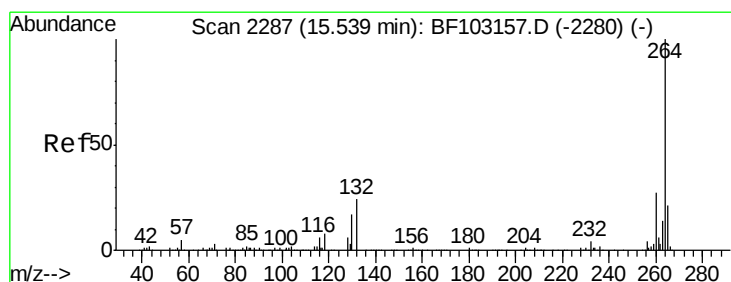
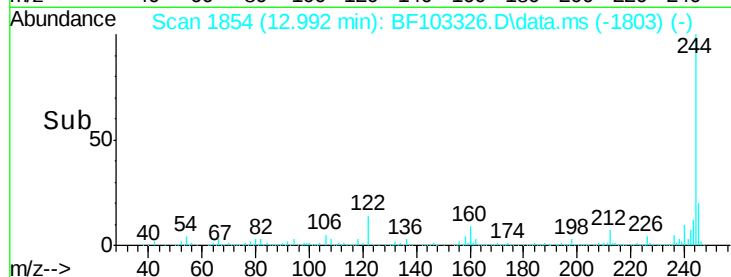
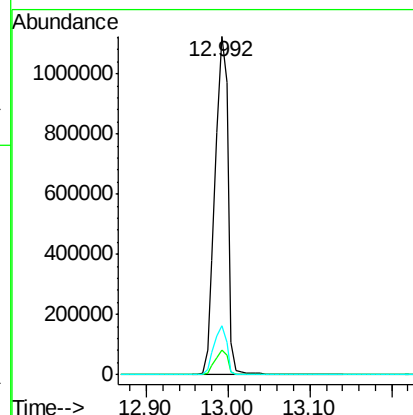
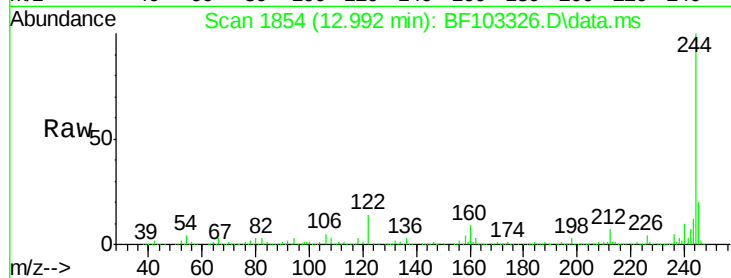
Tot Ion:244 Resp: 1243810

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 14.5 11.0 16.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.557 min Scan# 2290

Delta R.T. 0.000 min

Lab File: BF103326.D

Acq: 1 Mar 2018 10:36

Tgt Ion:264 Resp: 254753

Ion Ratio Lower Upper

264 100

260 25.5 19.2 28.8

265 21.8 17.5 26.3

