

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103646.D
 Acq On : 14 Mar 2018 17:45
 Operator : SJ/JU
 Sample : J1911-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 00:59:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

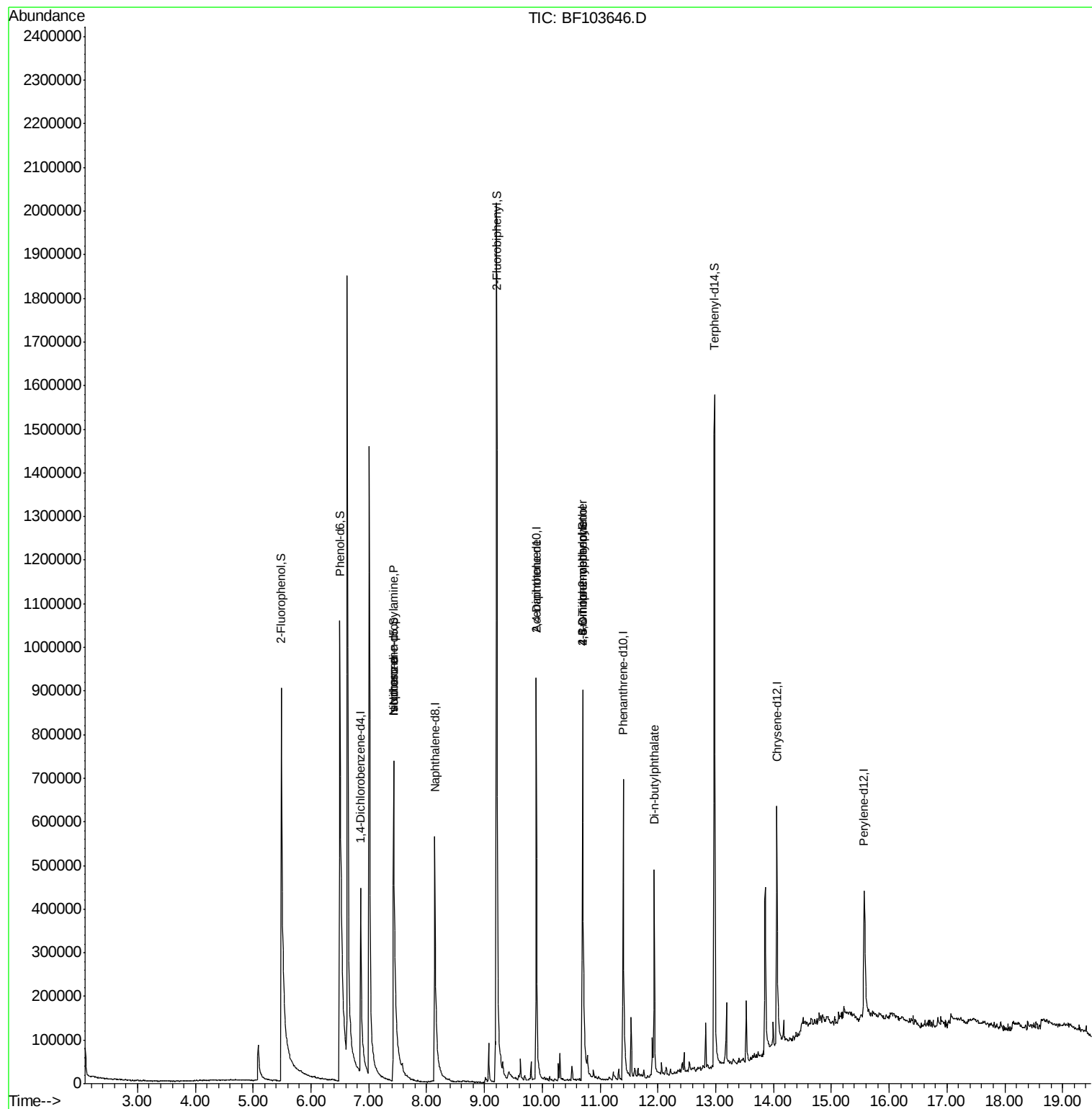
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	120455	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	529775	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	222320	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	378331	20.00	ng	0.00
75) Chrysene-d12	14.06	240	241797	20.00	ng	0.00
86) Perylene-d12	15.57	264	196749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	687439	86.31	ng	0.00
7) Phenol-d6	6.50	99	851463	87.37	ng	0.00
23) Nitrobenzene-d5	7.43	82	600837	64.77	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	137455	73.04	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	823500	59.25	ng	0.00
78) Terphenyl-d14	12.98	244	600695	59.72	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	802	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	70380	11.604 ng	#	84
25) Isophorone	7.43	82	606619	33.202 ng	#	64
56) 2,4-Dinitrotoluene	9.90	165	27691	5.850 ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.69	198	109	4.988 ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	9841	2.497 ng	#	1
73) Di-n-butylphthalate	11.94	149	252956	9.508 ng		99

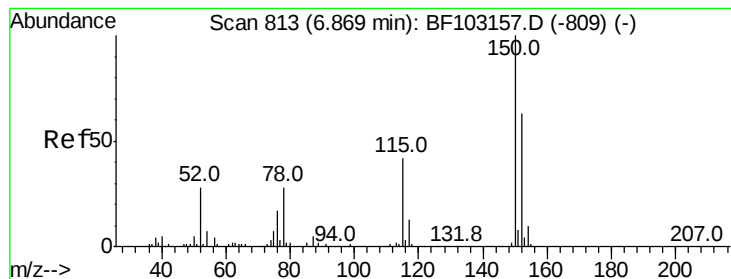
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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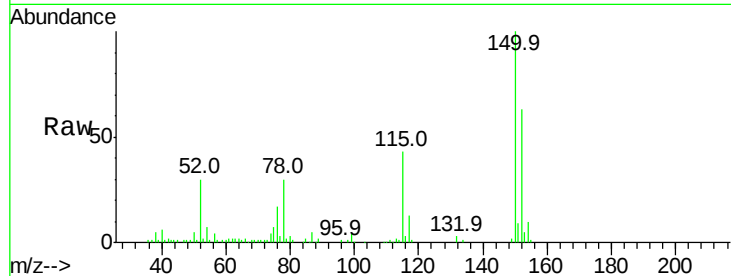


#1

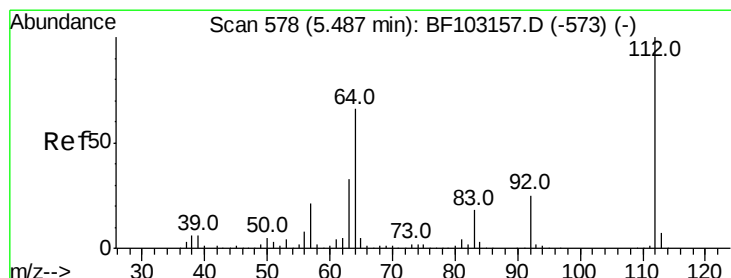
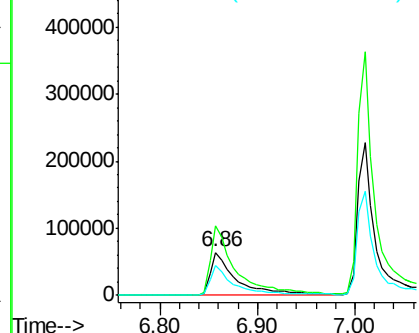
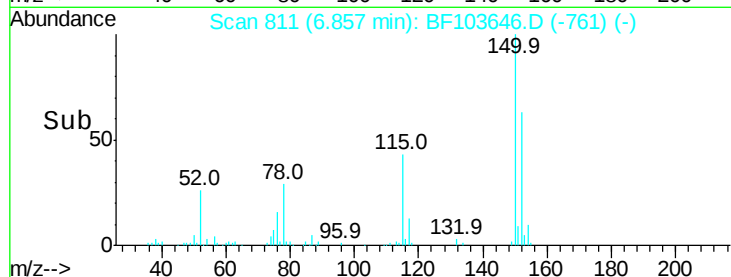
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103646.D
Acq: 14 Mar 2018 17:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	68.4	50.1	75.1



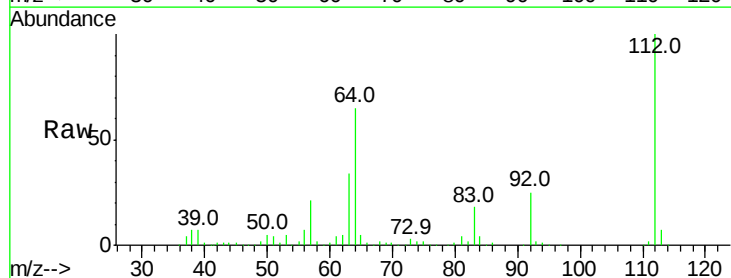
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



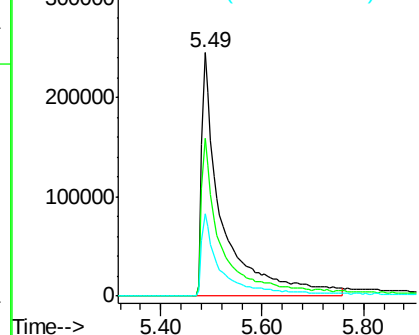
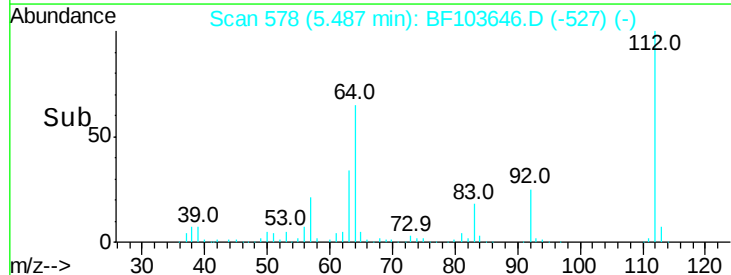
#5

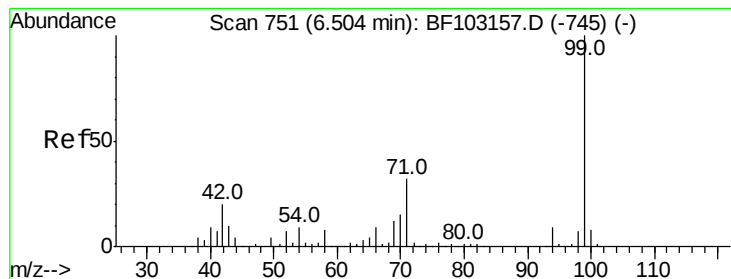
2-Fluorophenol
Concen: 86.315 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103646.D
Acq: 14 Mar 2018 17:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	47.9	71.9
63	34.0	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 87.369 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103646.D

Acq: 14 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

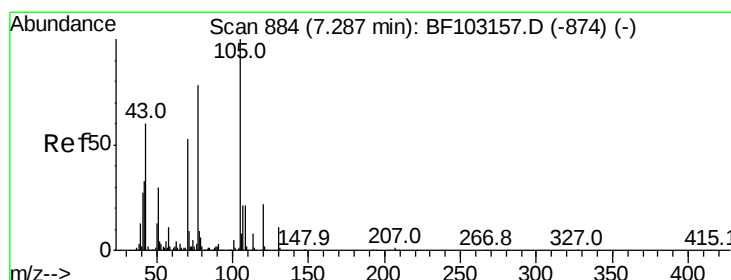
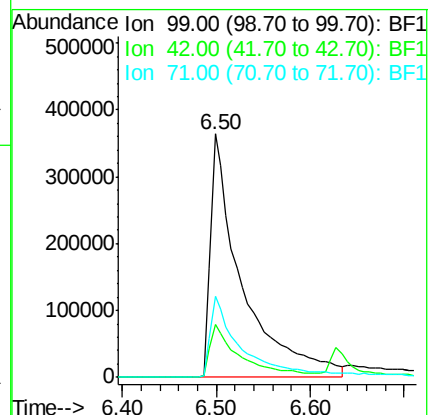
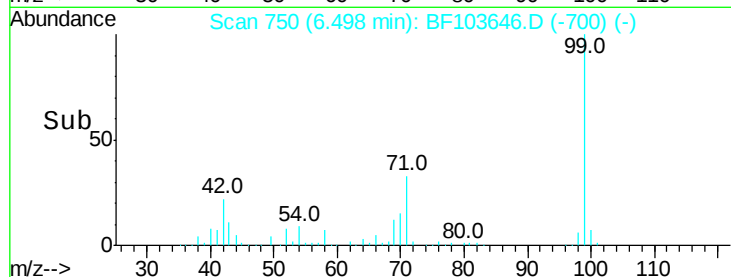
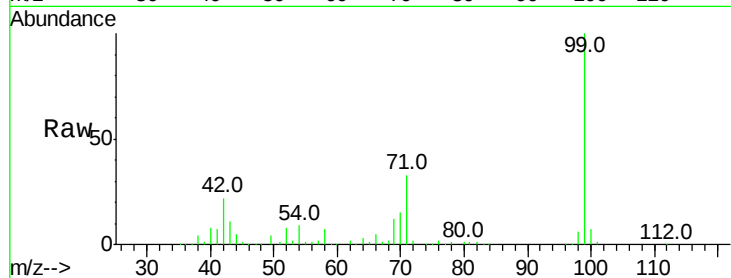
Tot Ion: 99 Resp: 851463

Ion Ratio Lower Upper

99 100

42 21.6 14.5 21.7

71 33.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.604 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.16 min

Lab File: BF103646.D

Acq: 14 Mar 2018 17:45

Tgt Ion: 70 Resp: 70380

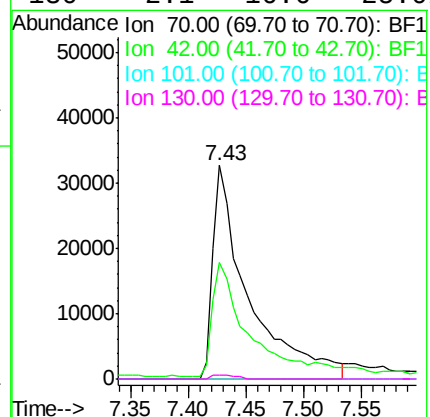
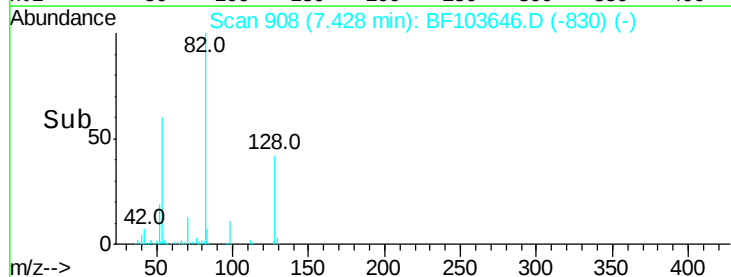
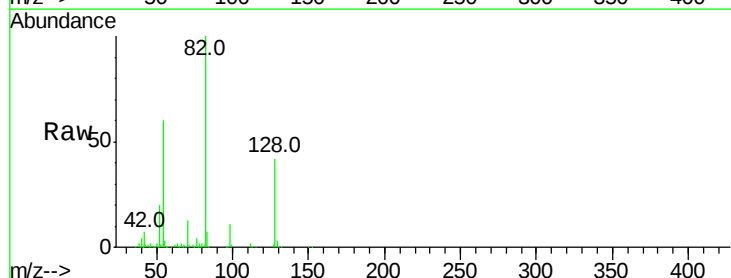
Ion Ratio Lower Upper

70 100

42 54.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

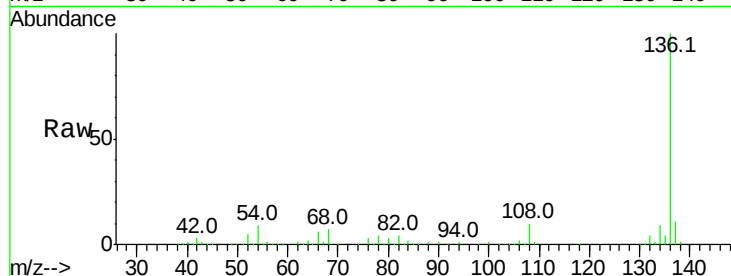




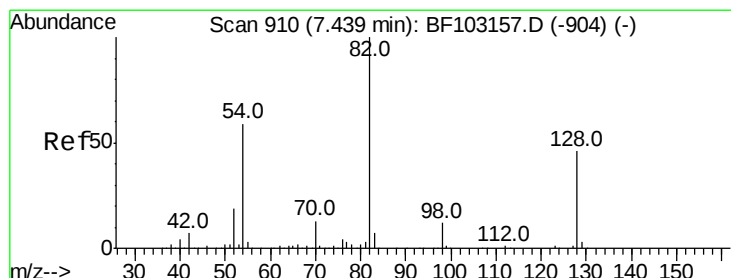
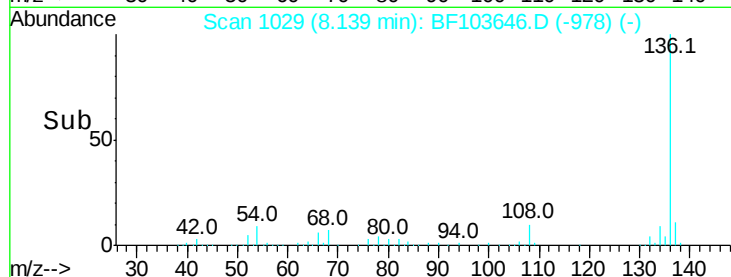
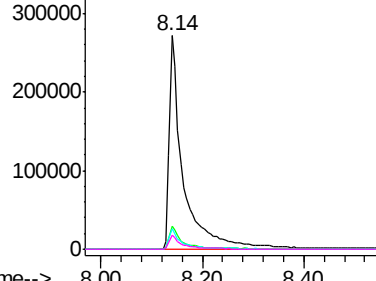
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF103646.D
Acq: 14 Mar 2018 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 529775
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 9.4	6.6 9.8
68 6.5	5.0 7.4

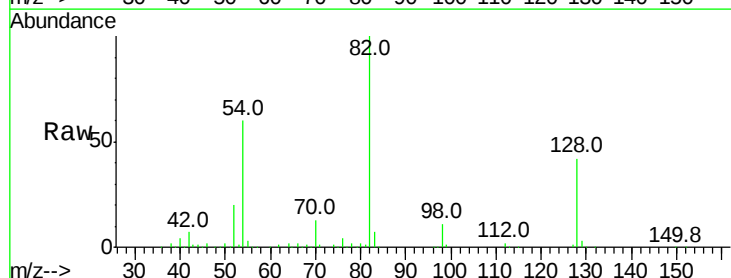


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

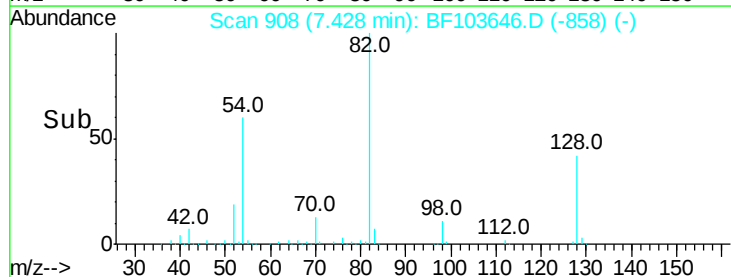
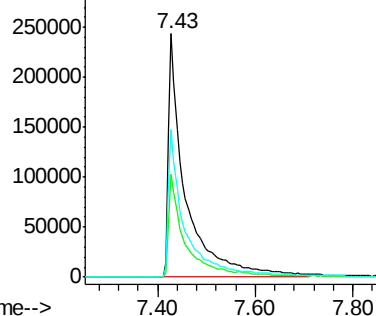


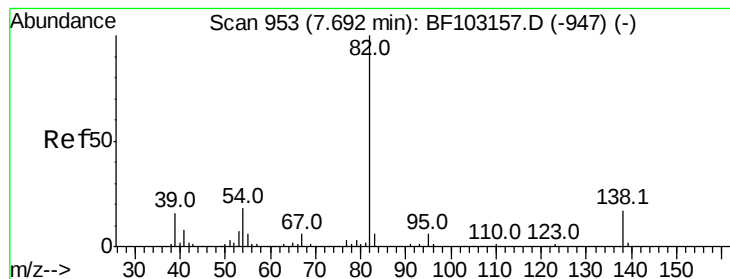
#23
Nitrobenzene-d5
Concen: 64.769 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103646.D
Acq: 14 Mar 2018 17:45

Tgt	Ion: 82	Resp:	600837
Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	60.4	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.202 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.25 min

Lab File: BF103646.D

Acq: 14 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

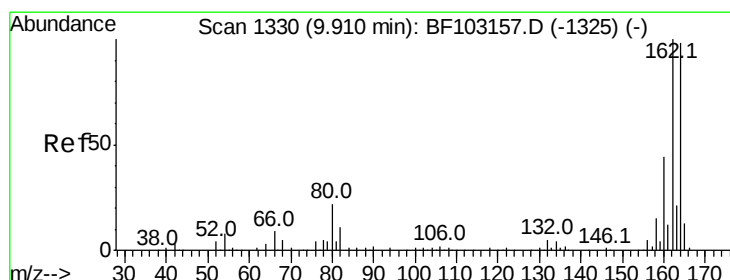
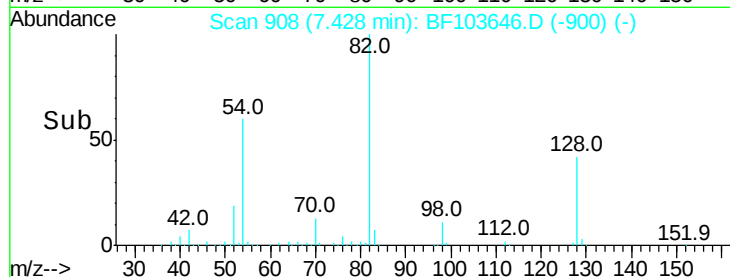
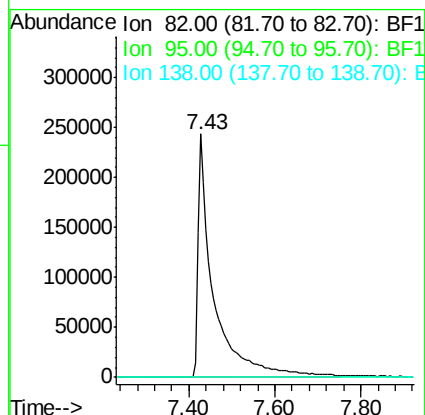
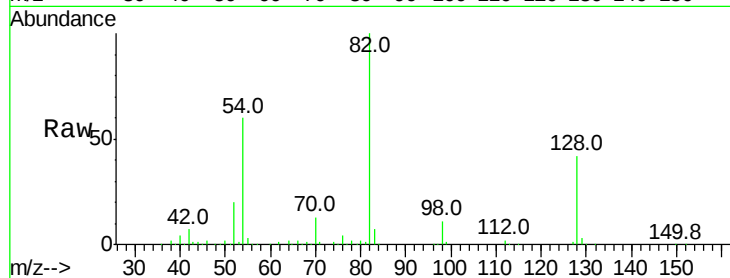
Tot Ion: 82 Resp: 606619

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF103646.D

Acq: 14 Mar 2018 17:45

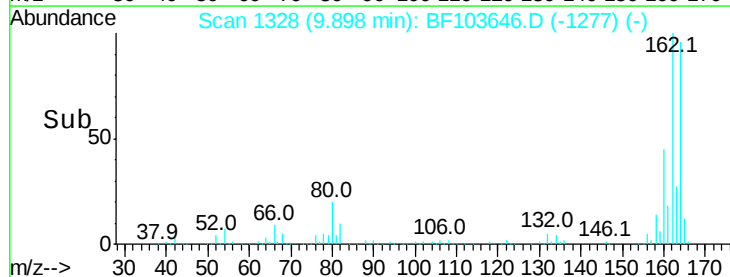
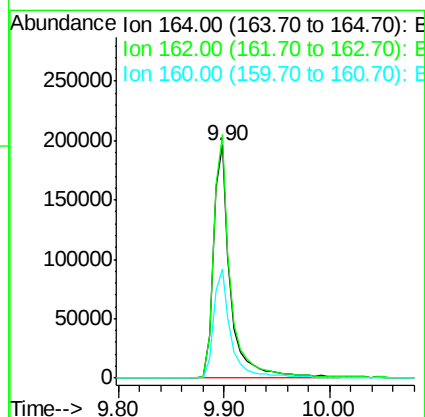
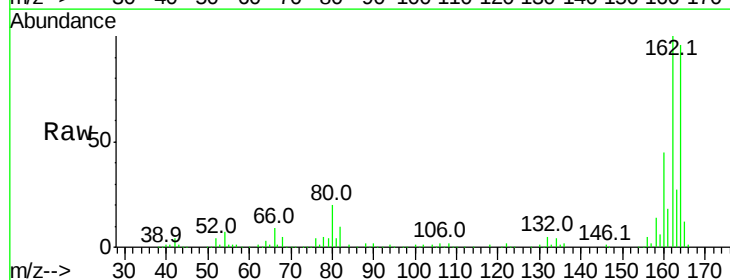
Tgt Ion:164 Resp: 222320

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

160 46.8 38.3 57.5

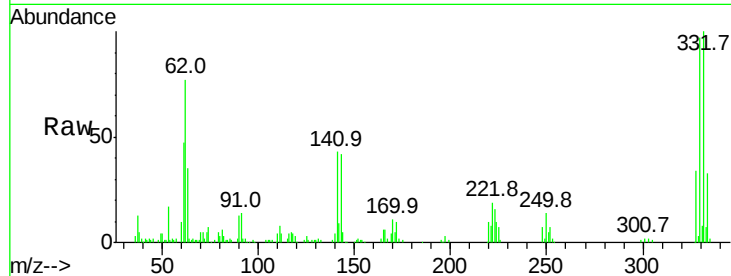




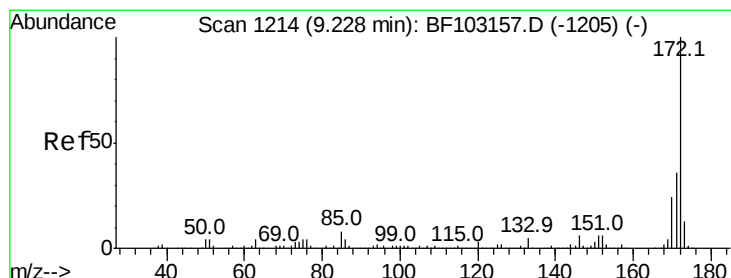
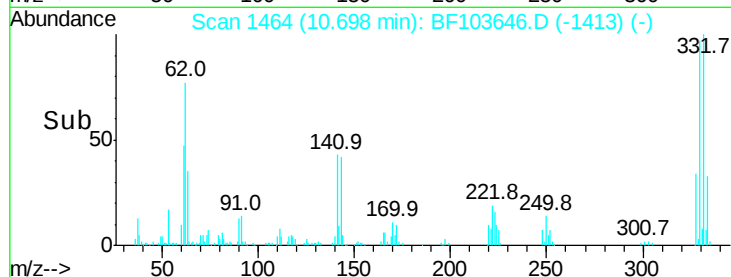
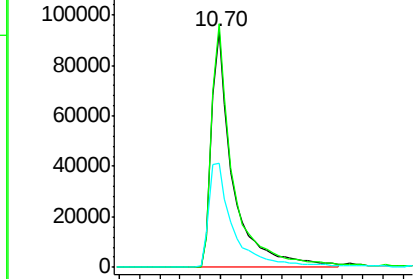
#41
 2,4,6-Tribromophenol
 Concen: 73.044 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF103646.D
 Acq: 14 Mar 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 137455
 Ion Ratio Lower Upper
 330 100
 332 104.6 77.0 115.6
 141 51.5 29.9 44.9#

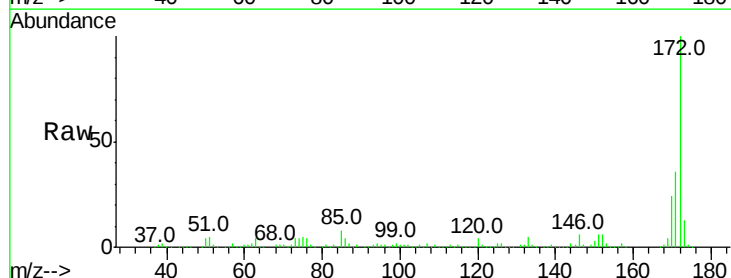


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

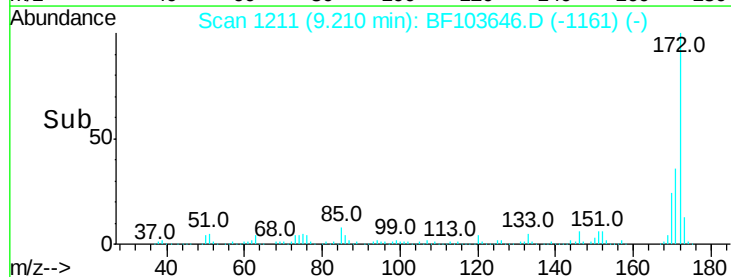
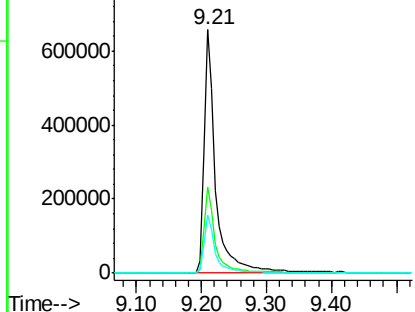


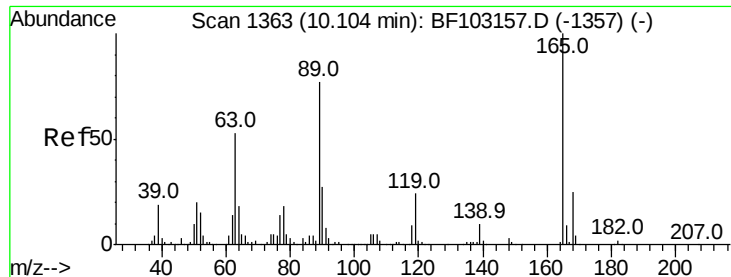
#44
 2-Fluorobiphenyl
 Concen: 59.252 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103646.D
 Acq: 14 Mar 2018 17:45

Tgt Ion:172 Resp: 823500
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 24.1 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

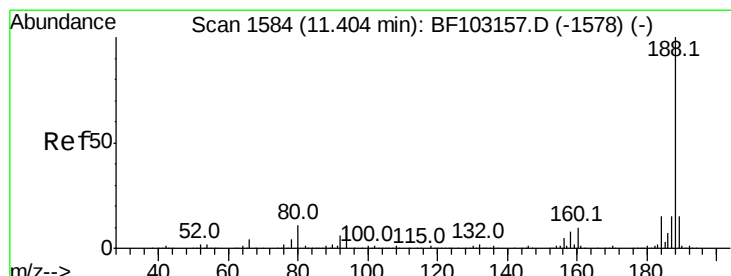
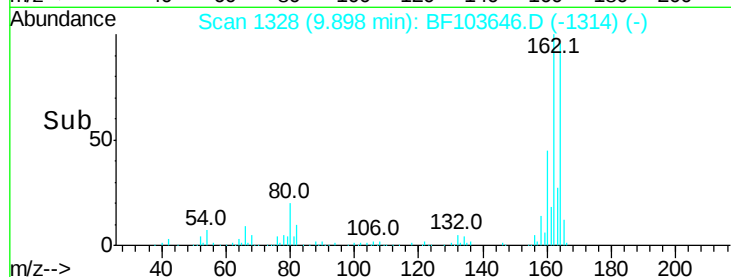
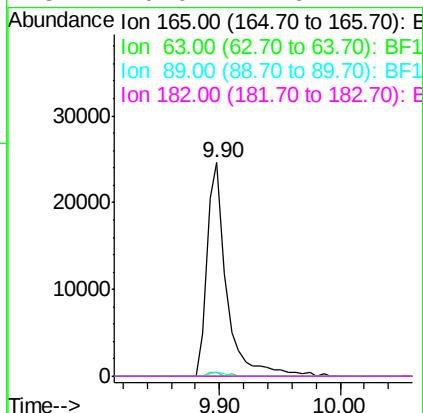
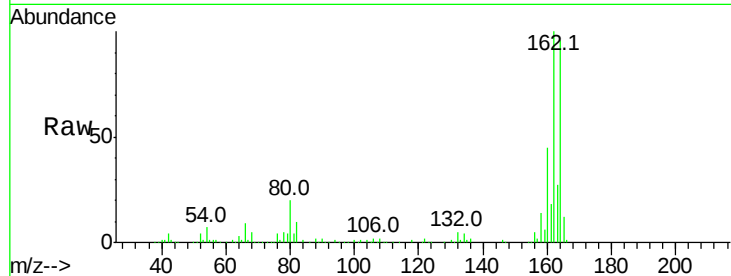




#56
 2,4-Dinitrotoluene
 Concen: 5.850 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.22 min
 Lab File: BF103646.D
 Acq: 14 Mar 2018 17:45

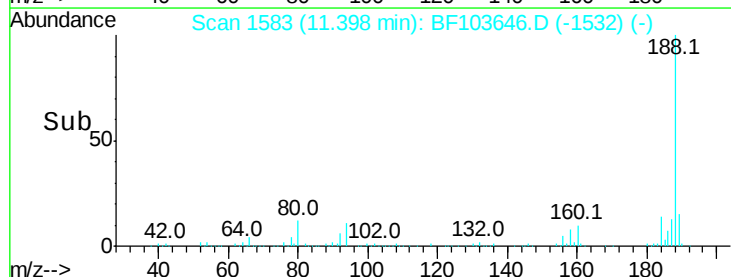
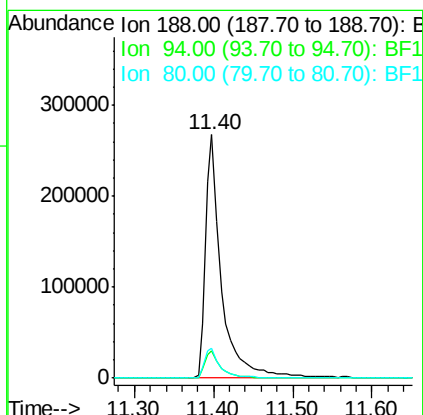
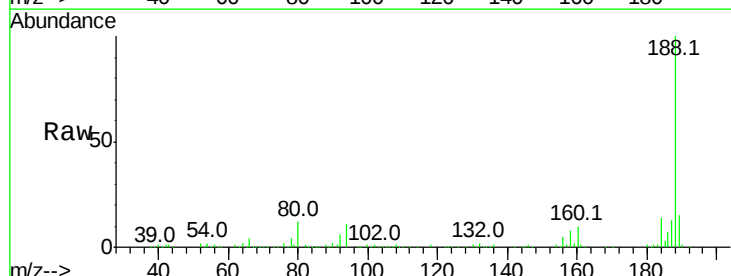
Instrument :
 BNA_F
 ClientSampleId :

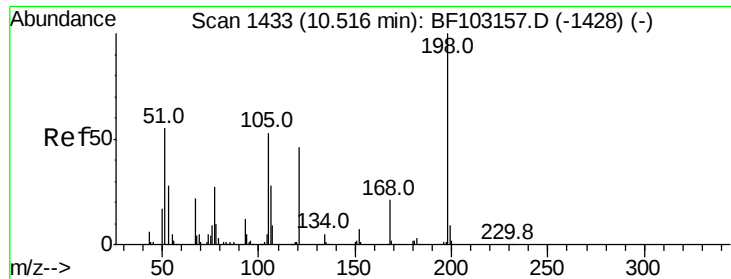
Tot Ion:165 Resp: 27691
 Ion Ratio Lower Upper
 165 100
 63 2.0 36.4 54.6#
 89 1.8 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF103646.D
 Acq: 14 Mar 2018 17:45

Tgt Ion:188 Resp: 378331
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 12.0 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 4.988 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.16 min

Lab File: BF103646.D

Acq: 14 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

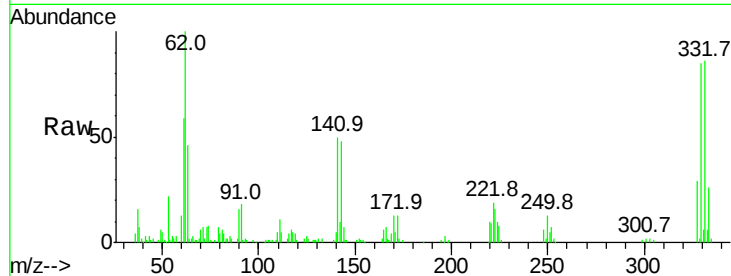
Tot Ion:198 Resp: 109

Ion Ratio Lower Upper

198 100

51 265.5 37.7 77.7#

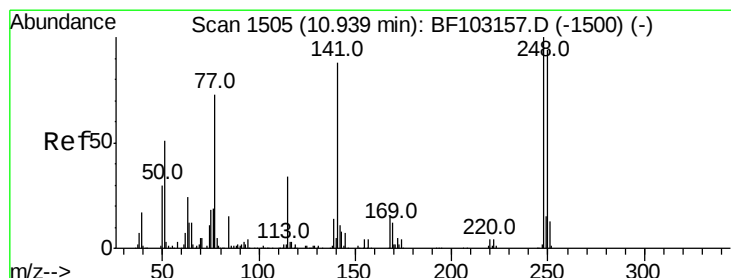
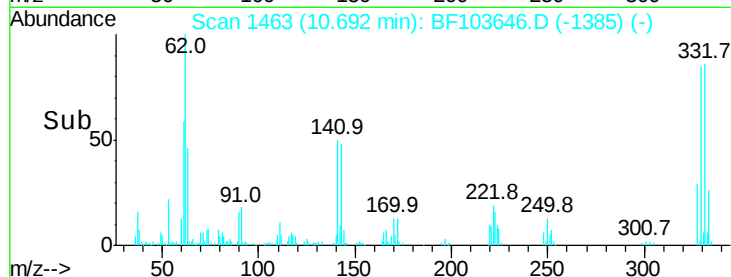
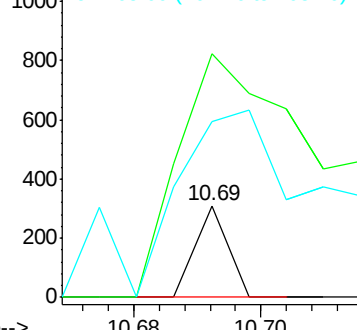
105 191.3 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.497 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.23 min

Lab File: BF103646.D

Acq: 14 Mar 2018 17:45

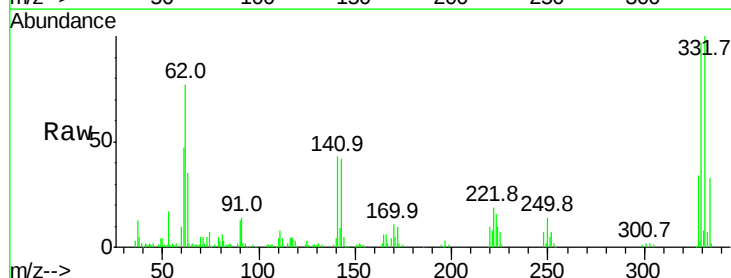
Tgt Ion:248 Resp: 9841

Ion Ratio Lower Upper

248 100

250 217.5 76.9 115.3#

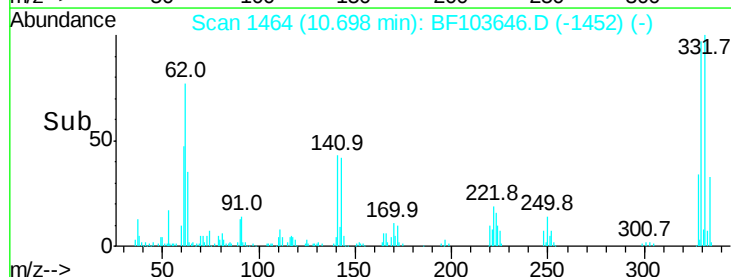
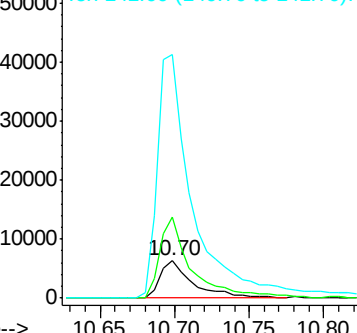
141 651.4 74.4 111.6#

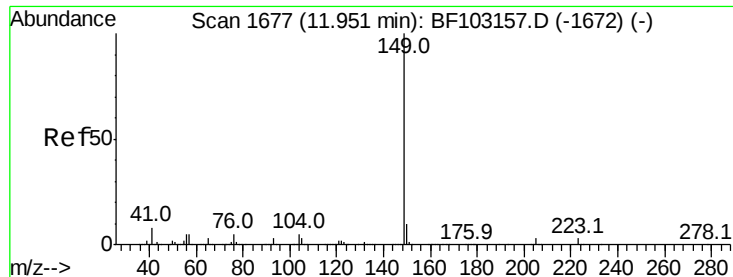


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

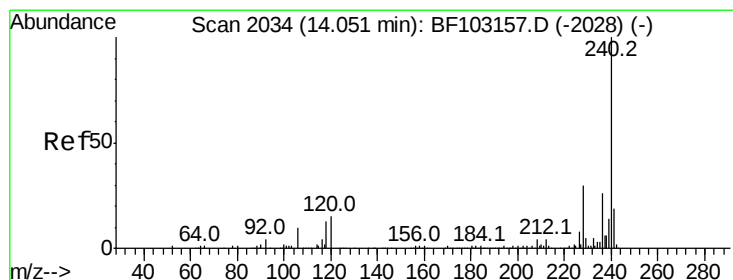
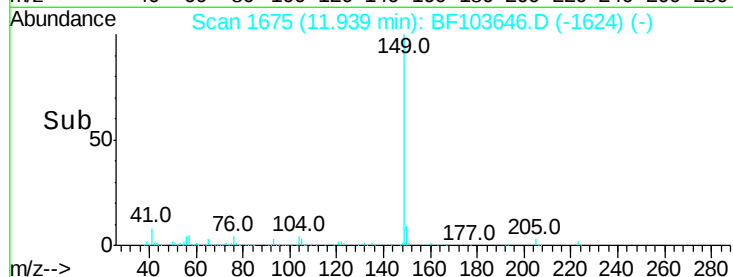
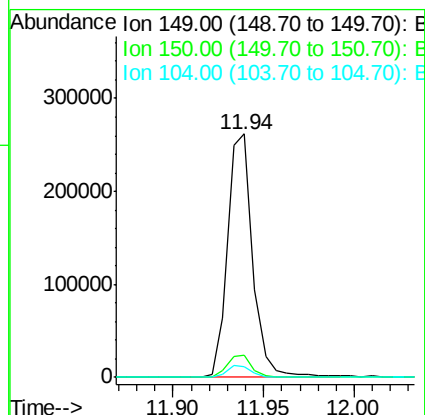
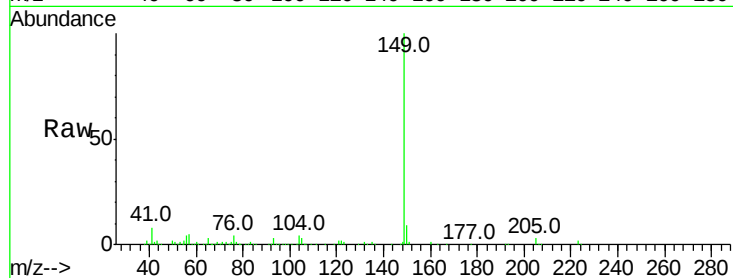




#73
Di-n-butylphthalate
Concen: 9.508 ng
RT: 11.94 min Scan# 1675
Delta R.T. 0.00 min
Lab File: BF103646.D
Acq: 14 Mar 2018 17:45

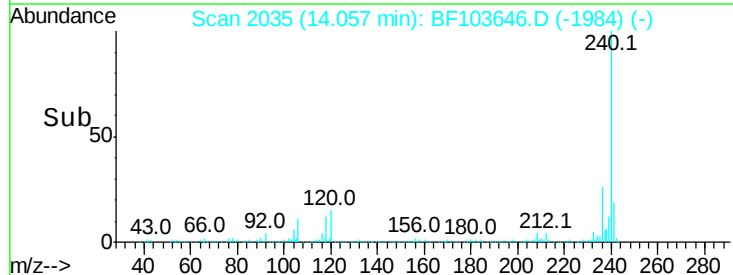
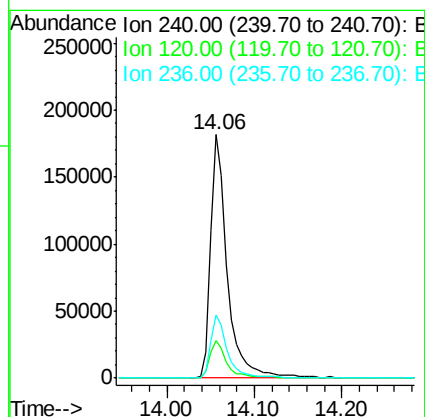
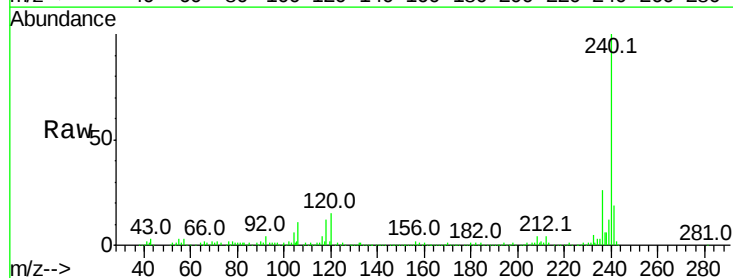
Instrument :
BNA_F
ClientSampleId :

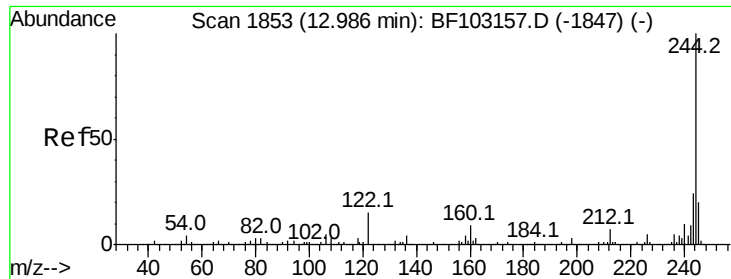
Tot Ion:149 Resp: 252956
Ion Ratio Lower Upper
149 100
150 9.1 7.8 11.6
104 4.4 3.8 5.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103646.D
Acq: 14 Mar 2018 17:45

Tgt Ion:240 Resp: 241797
Ion Ratio Lower Upper
240 100
120 15.2 9.5 14.3#
236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 59.719 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.01 min

Lab File: BF103646.D

Acq: 14 Mar 2018 17:45

Instrument :

BNA_F

ClientSampleId :

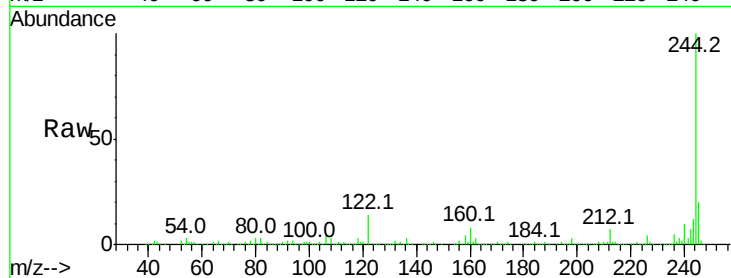
Tot Ion:244 Resp: 600695

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

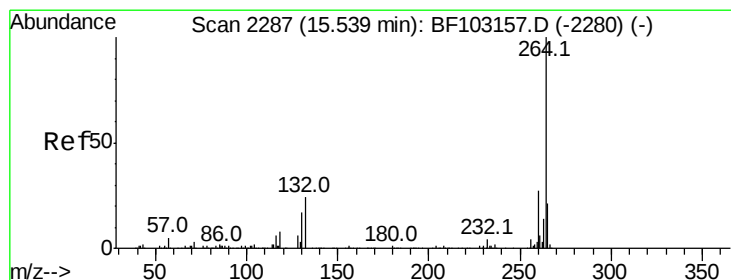
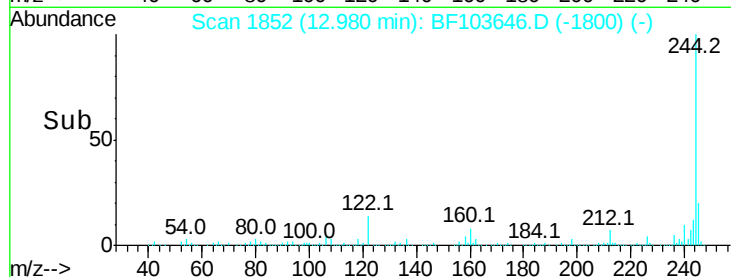
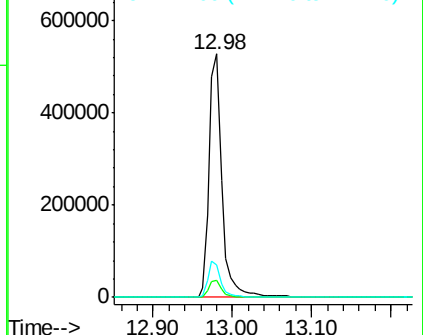
122 13.5 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BF103646.D

Acq: 14 Mar 2018 17:45

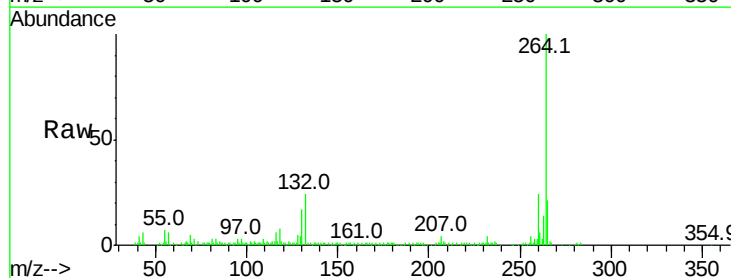
Tgt Ion:264 Resp: 196749

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

