

Data Path : Z:\HPCHEM1\BNA_F\Data\BF111517\
 Data File : BF100586.D
 Acq On : 15 Nov 2017 14:23
 Operator : SJ/JU
 Sample : I6441-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9A-9B

Quant Time: Nov 15 15:40:01 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	122524	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	479762	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	201175	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	308881	20.00	ng	0.00
75) Chrysene-d12	14.04	240	260892	20.00	ng	-0.01
86) Perylene-d12	15.52	264	265038	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	661362	86.53	ng	0.00
7) Phenol-d6	6.51	99	787109	83.51	ng	0.00
23) Nitrobenzene-d5	7.45	82	487962	67.24	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	161709	78.88	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	846161	64.05	ng	0.00
78) Terphenyl-d14	12.99	244	542622	47.79	ng	0.00

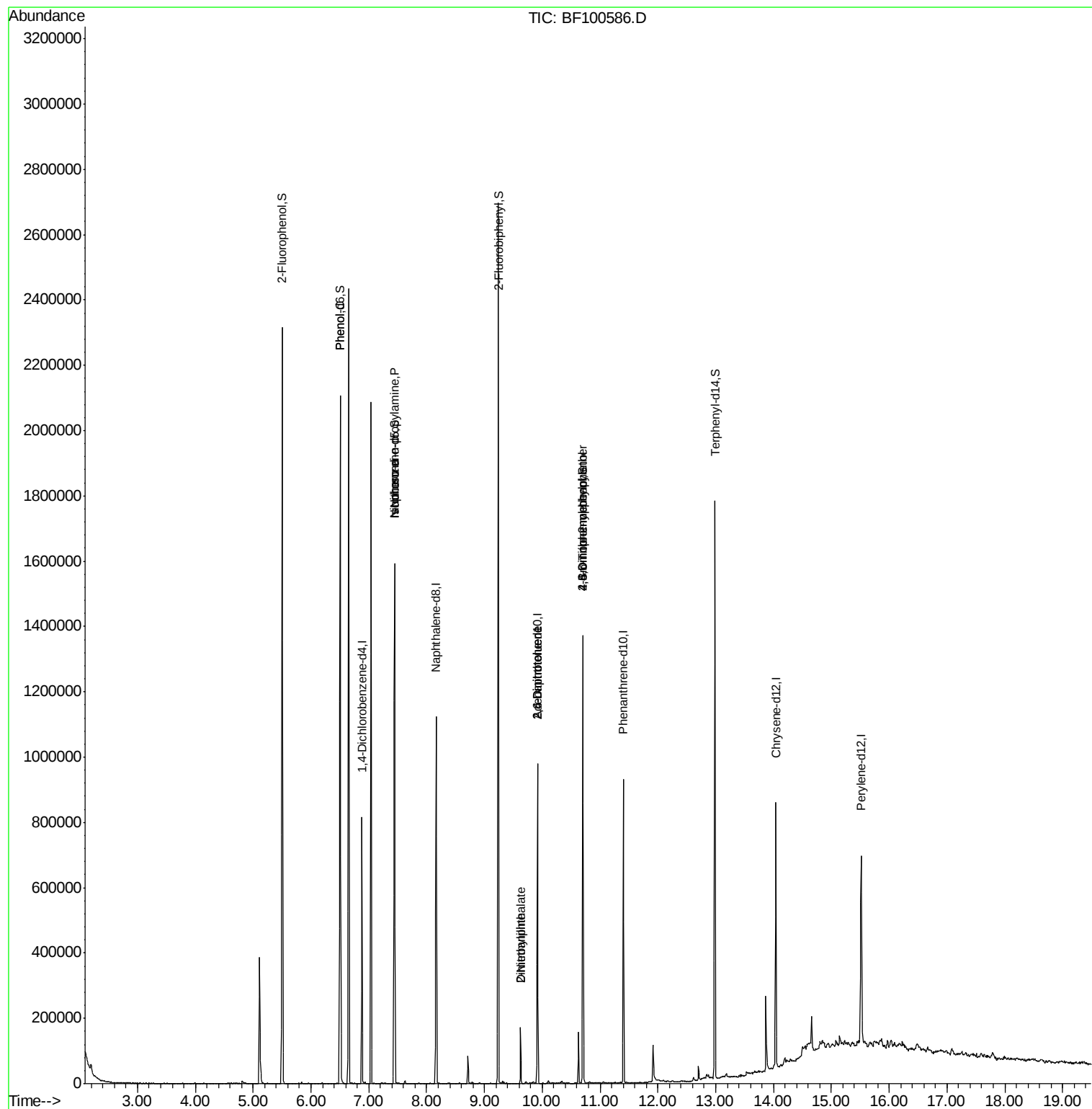
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	41093	4.153	ng	81
19) n-Nitroso-di-n-propylamine	7.45	70	63887	9.774	ng	# 81
25) Isophorone	7.45	82	487825	31.990	ng	# 64
47) 2-Nitroaniline	9.63	65	547	2.922	ng	# 1
49) Dimethylphthalate	9.63	163	59896	3.899	ng	100
50) 2,6-Dinitrotoluene	9.92	165	24840	8.170	ng	# 25
56) 2,4-Dinitrotoluene	9.92	165	24840	6.476	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.70	198	307	8.732	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	9812	2.963	ng	# 1

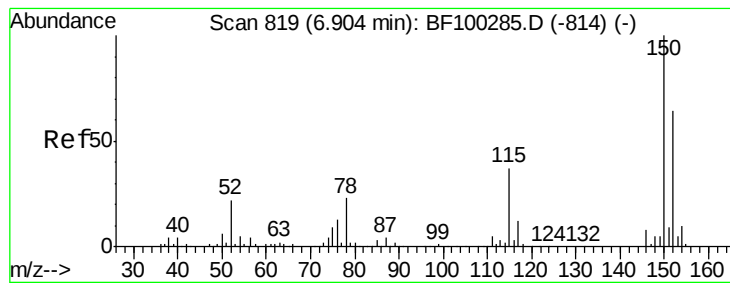
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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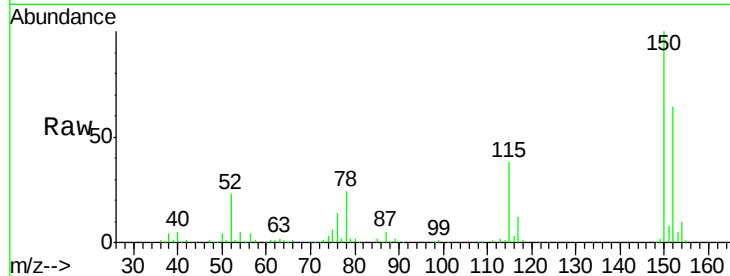


#1

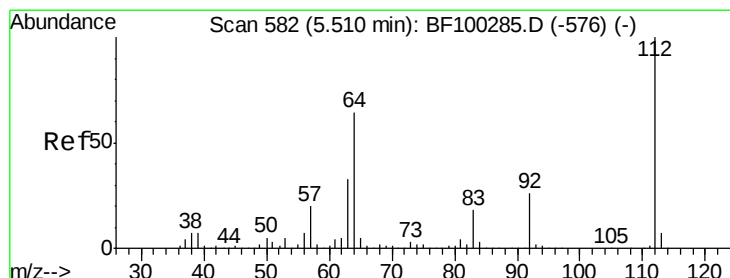
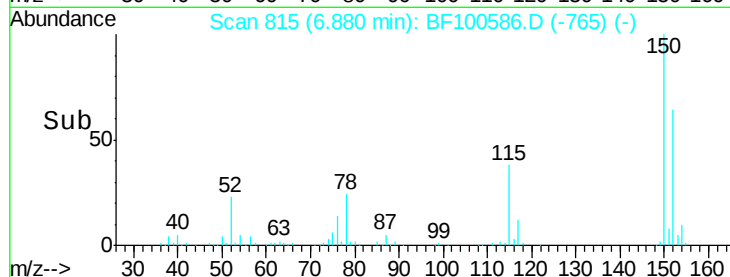
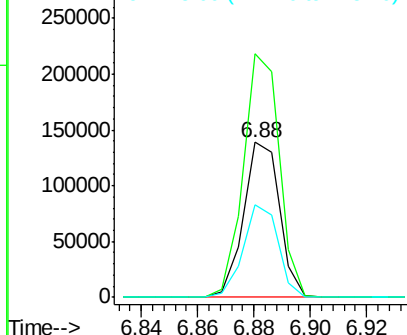
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100586.D
Acq: 15 Nov 2017 14:23

Instrument :
BNA_F
ClientSampled :
TP-9A-9B

Tgt Ion:152 Resp: 122524
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 60.1 50.1 75.1



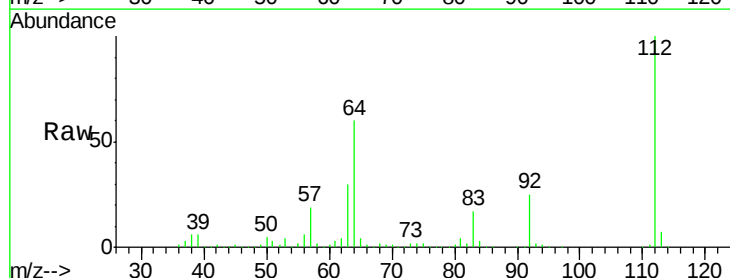
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



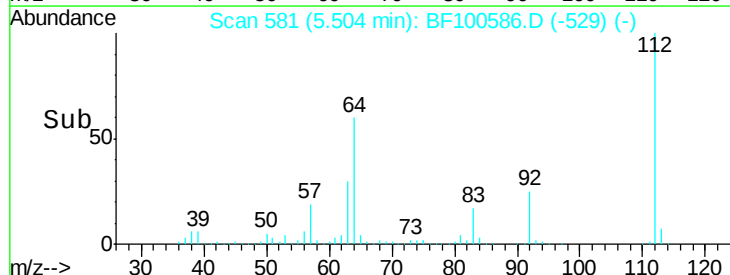
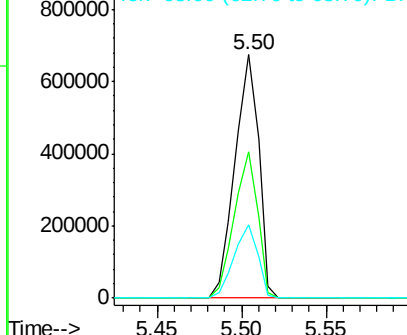
#5

2-Fluorophenol
Concen: 86.526 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100586.D
Acq: 15 Nov 2017 14:23

Tgt Ion:112 Resp: 661362
Ion Ratio Lower Upper
112 100
64 60.4 47.9 71.9
63 30.4 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: 83.509 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100586.D

Acq: 15 Nov 2017 14:23

Instrument :

BNA_F

ClientSampleId :

TP-9A-9B

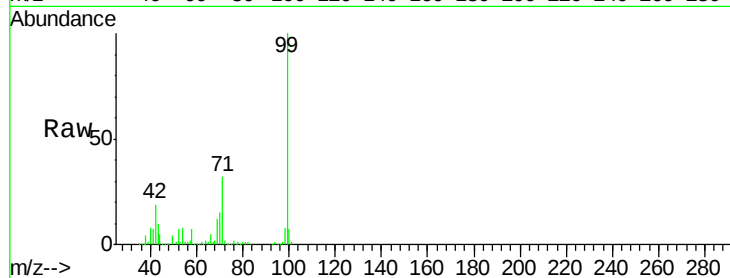
Tgt Ion: 99 Resp: 787109

Ion Ratio Lower Upper

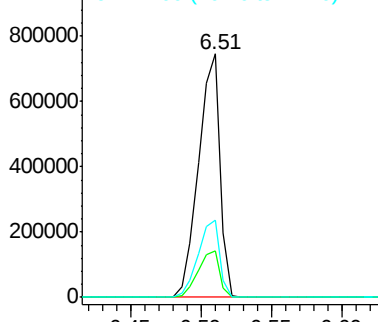
99 100

42 18.9 14.5 21.7

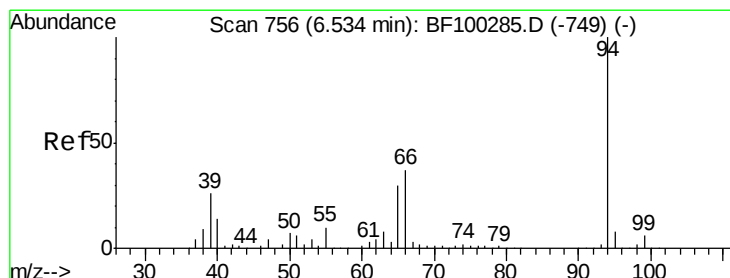
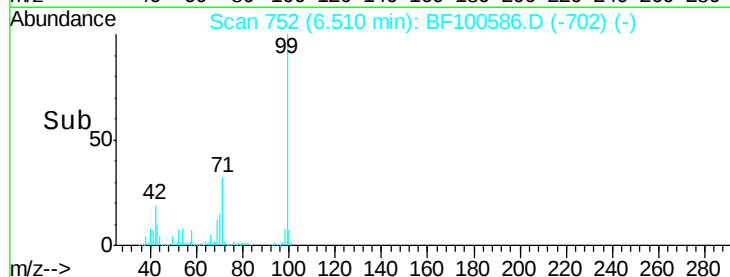
71 31.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->



#10

Phenol

Concen: 4.153 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100586.D

Acq: 15 Nov 2017 14:23

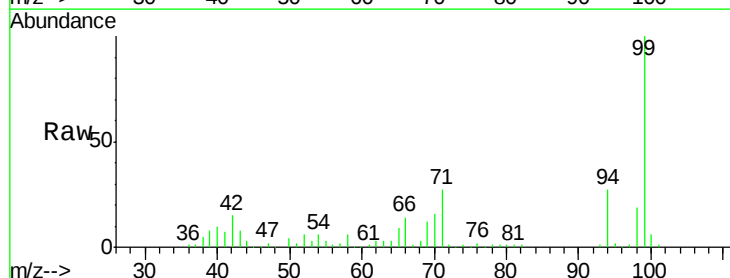
Tgt Ion: 94 Resp: 41093

Ion Ratio Lower Upper

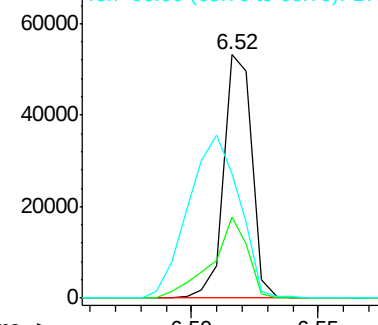
94 100

65 33.4 7.9 47.9

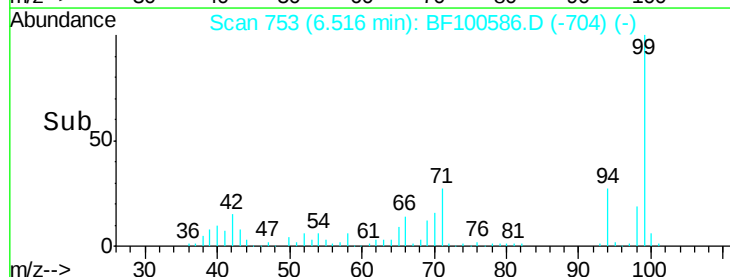
66 51.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 9.774 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF100586.D

Acq: 15 Nov 2017 14:23

Instrument :

BNA_F

ClientSampled :

TP-9A-9B

Tgt Ion: 70 Resp: 63887

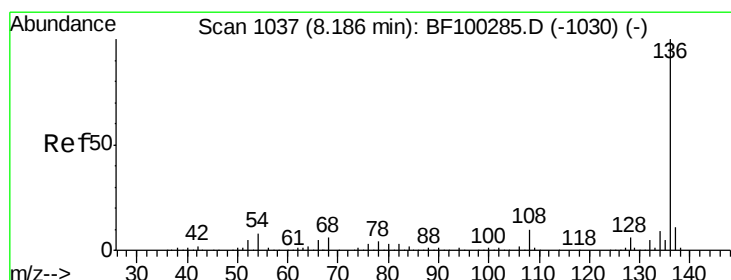
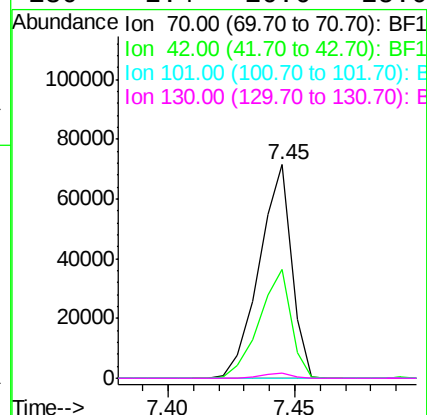
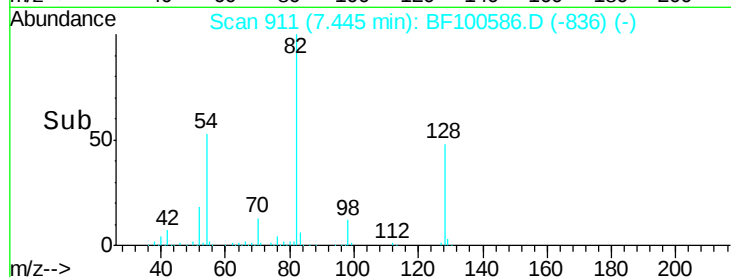
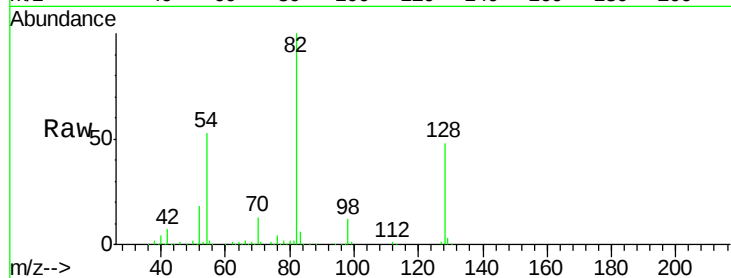
Ion Ratio Lower Upper

70 100

42 50.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100586.D

Acq: 15 Nov 2017 14:23

Tgt Ion: 136 Resp: 479762

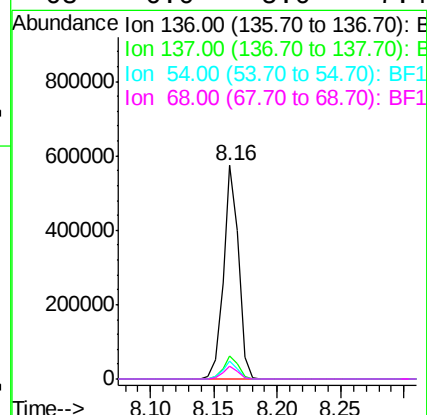
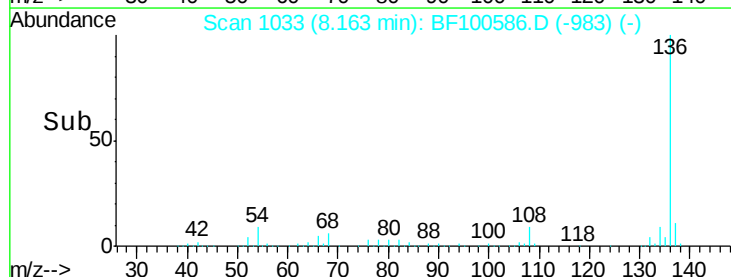
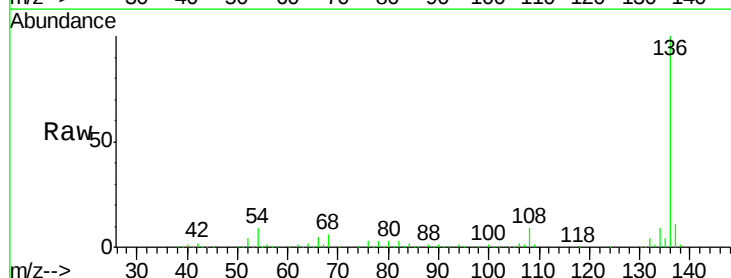
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.5 6.6 9.8

68 6.0 5.0 7.4

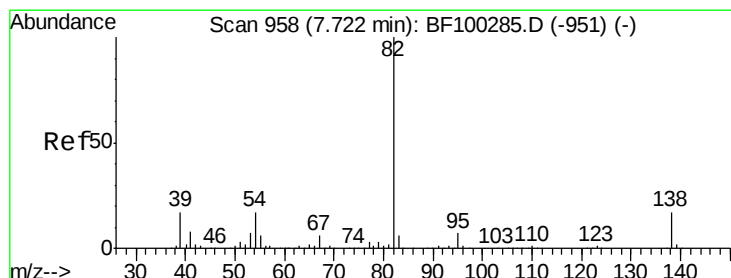
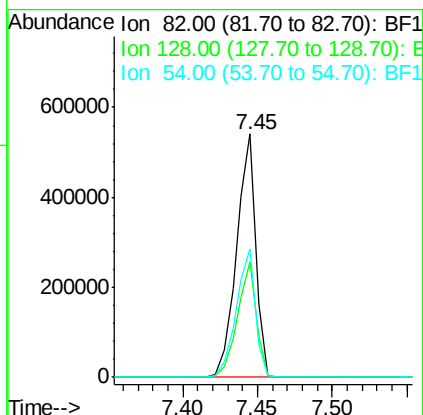
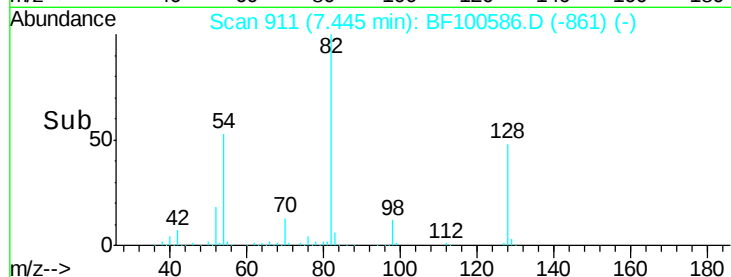
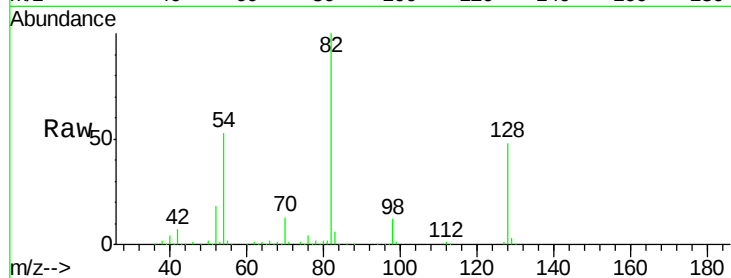




#23
Nitrobenzene-d5
Concen: 67.243 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100586.D
Acq: 15 Nov 2017 14:23

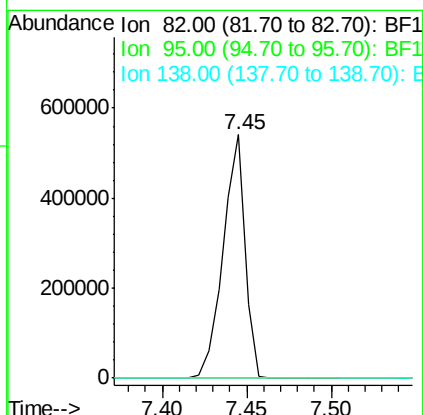
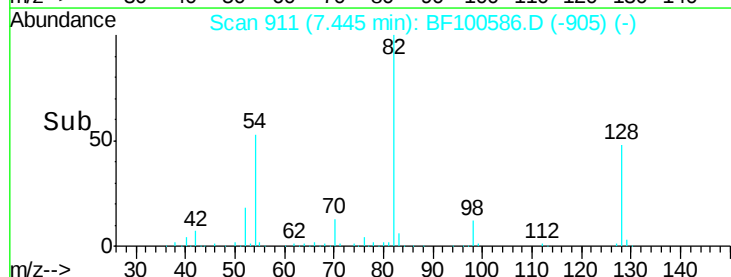
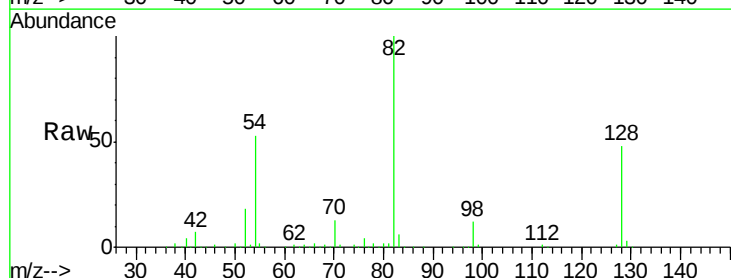
Instrument :
BNA_F
ClientSampleId :
TP-9A-9B

Tgt Ion: 82 Resp: 487962
Ion Ratio Lower Upper
82 100
128 47.6 36.1 54.1
54 52.7 41.4 62.2



#25
Isophorone
Concen: 31.990 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100586.D
Acq: 15 Nov 2017 14:23

Tgt Ion: 82 Resp: 487825
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

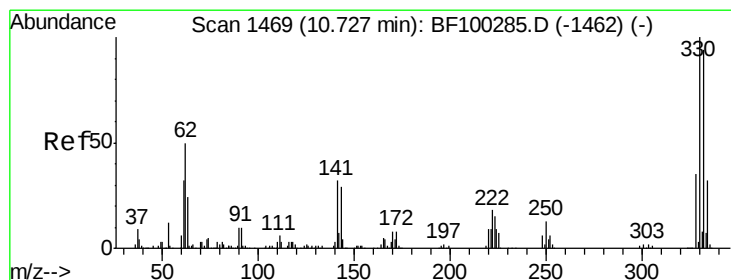
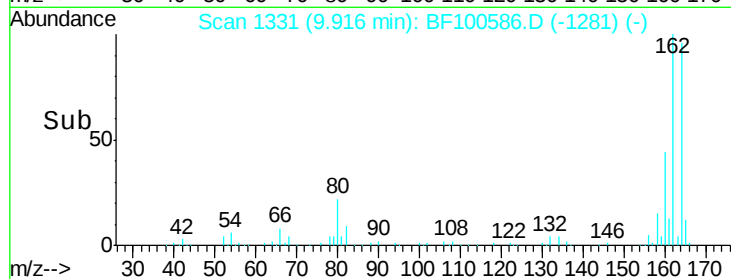
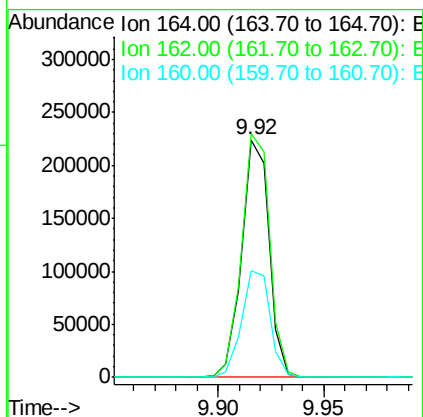
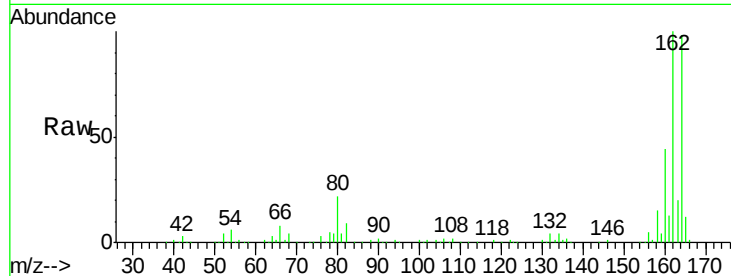




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100586.D
 Acq: 15 Nov 2017 14:23

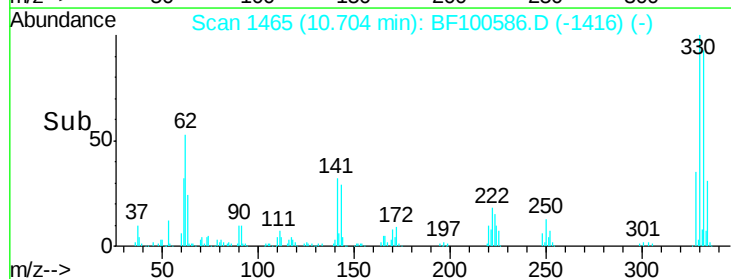
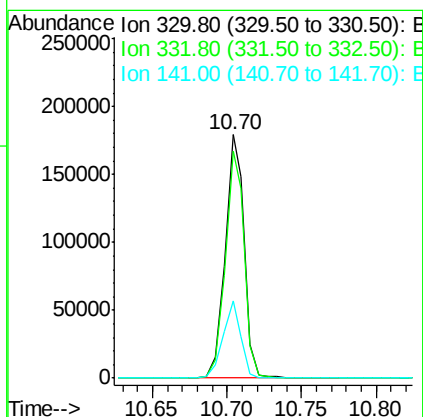
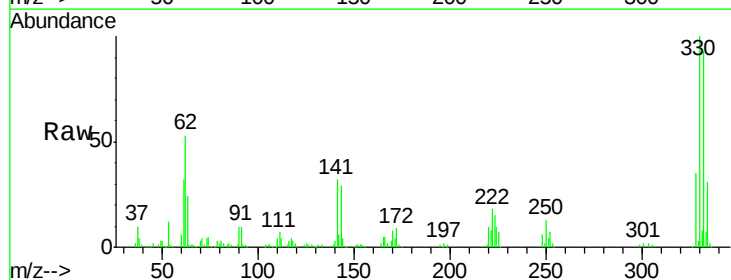
Instrument :
 BNA_F
 ClientSampleId :
 TP-9A-9B

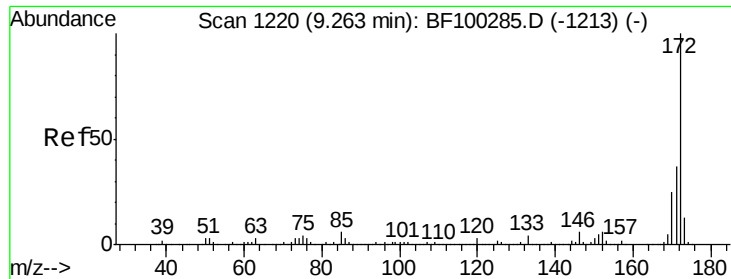
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	45.0	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 78.883 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100586.D
 Acq: 15 Nov 2017 14:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.0	115.6
141	29.5	29.9	44.9#

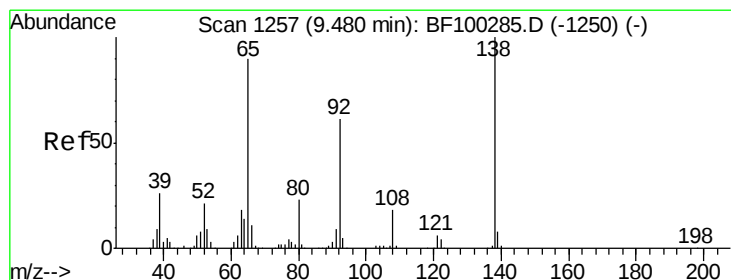
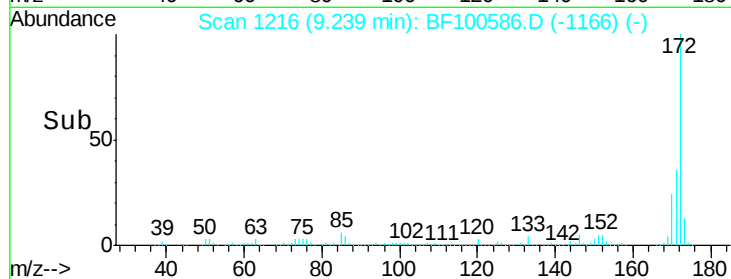
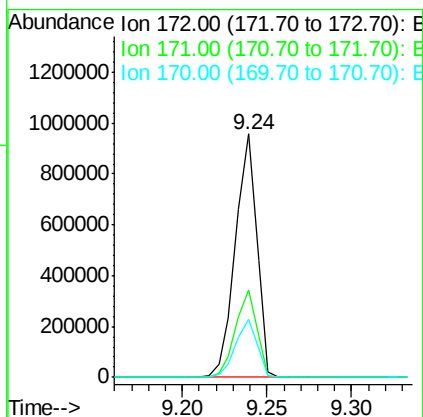
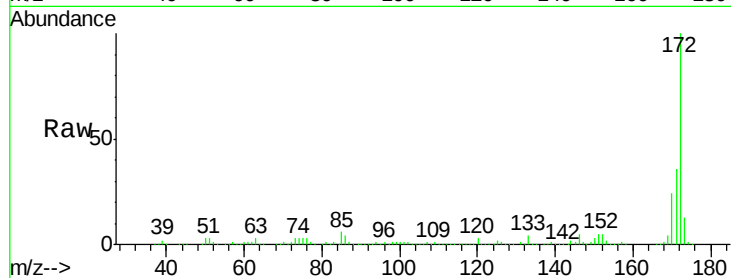




#44
2-Fluorobiphenyl
Concen: 64.047 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100586.D
Acq: 15 Nov 2017 14:23

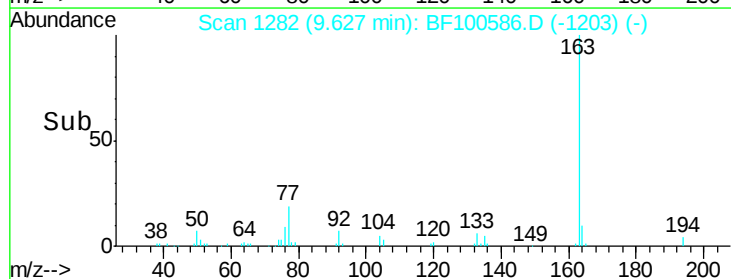
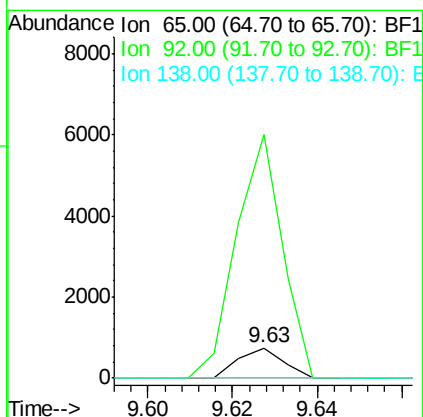
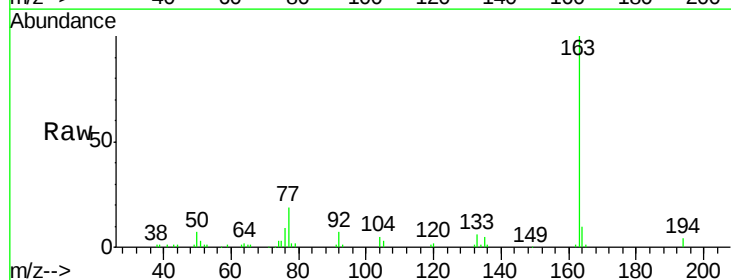
Instrument :
BNA_F
ClientSampleId :
TP-9A-9B

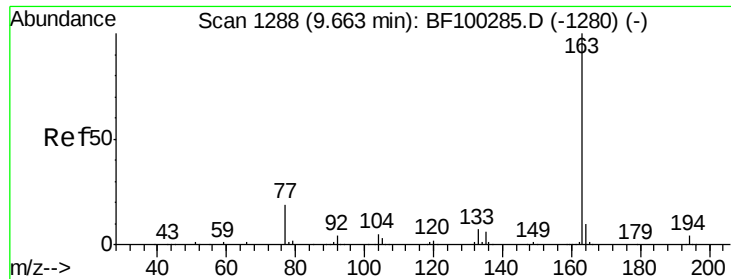
Tgt Ion: 172 Resp: 846161
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.0 19.6 29.4



#47
2-Nitroaniline
Concen: 2.922 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100586.D
Acq: 15 Nov 2017 14:23

Tgt Ion: 65 Resp: 547
Ion Ratio Lower Upper
65 100
92 802.9 55.8 83.6#
138 0.0 91.2 136.8#

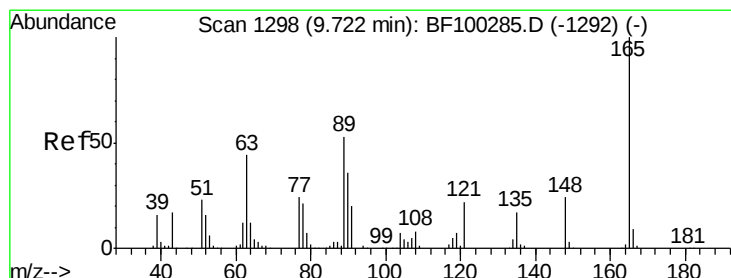
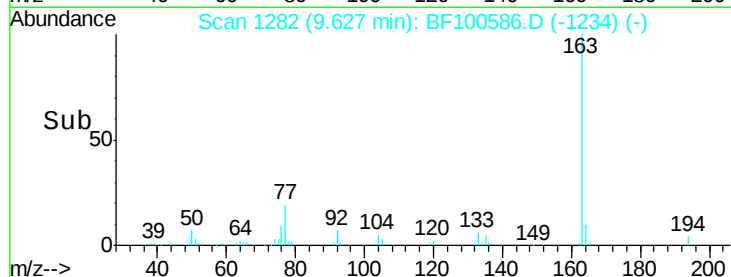
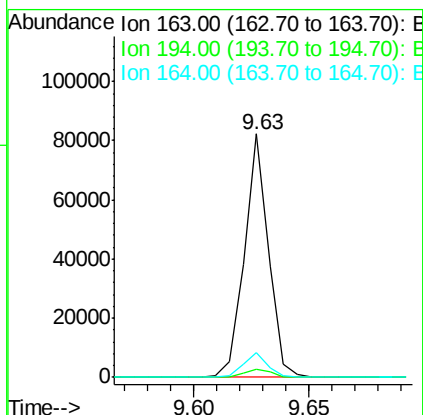
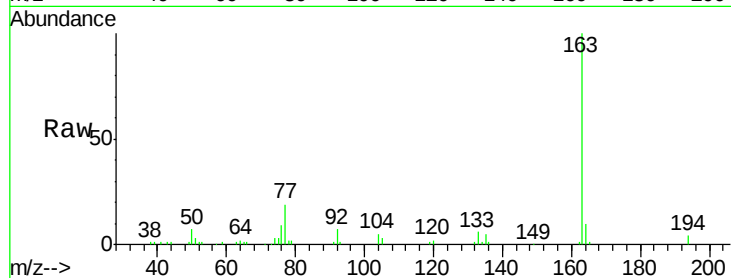




#49
Dimethylphthalate
Concen: 3.899 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100586.D
Acq: 15 Nov 2017 14:23

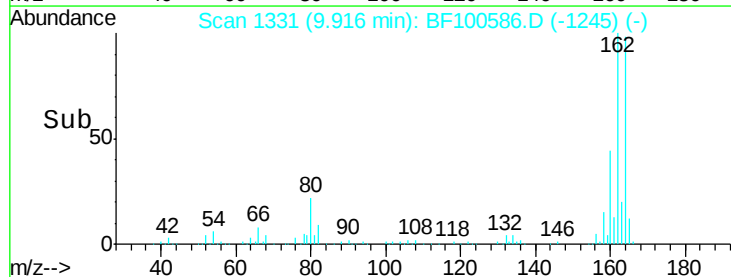
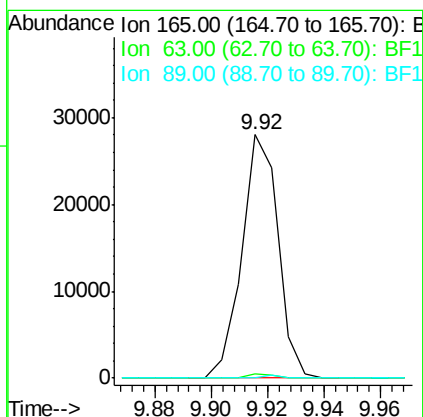
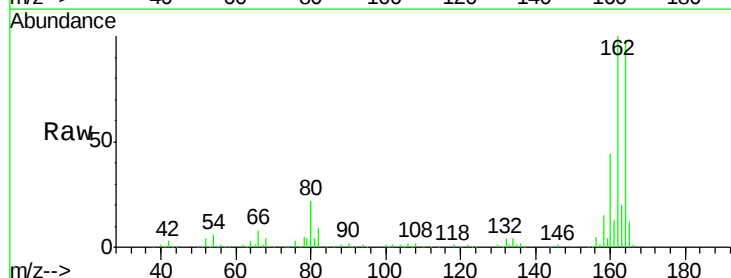
Instrument :
BNA_F
ClientSampled :
TP-9A-9B

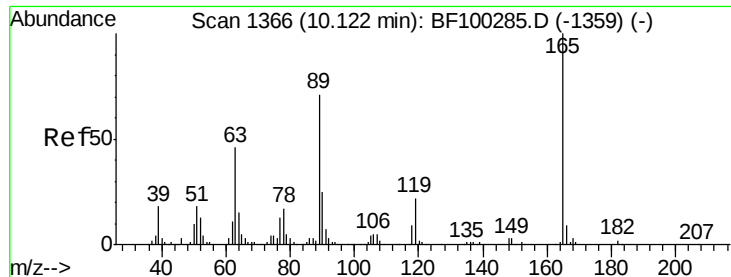
Tgt Ion:163 Resp: 59896
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 8.170 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF100586.D
Acq: 15 Nov 2017 14:23

Tgt Ion:165 Resp: 24840
Ion Ratio Lower Upper
165 100
63 1.7 44.7 67.1#
89 0.0 44.0 66.0#

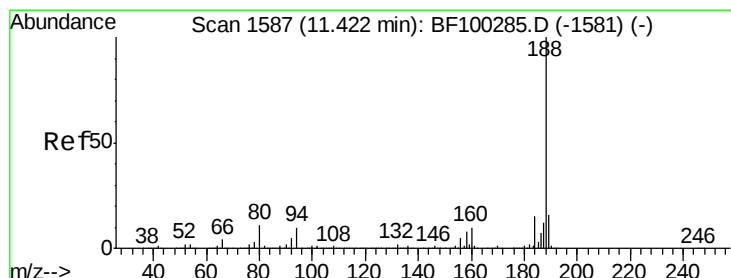
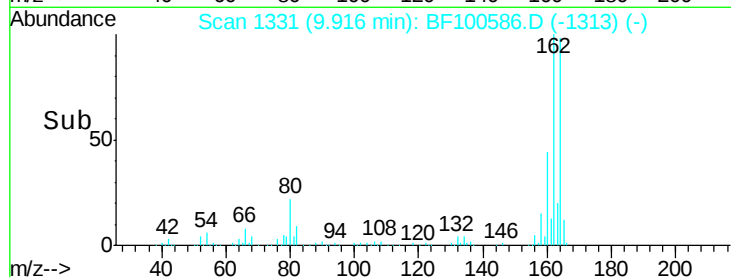
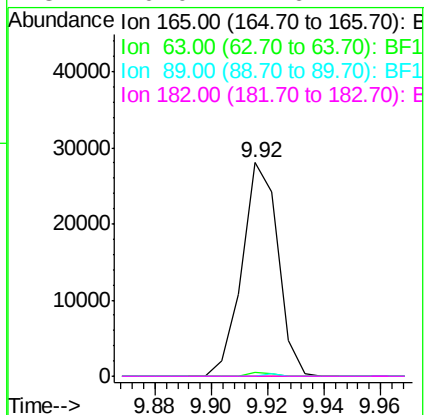
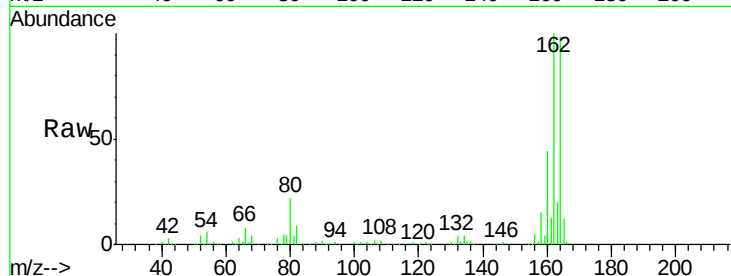




#56
 2,4-Dinitrotoluene
 Concen: 6.476 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100586.D
 Acq: 15 Nov 2017 14:23

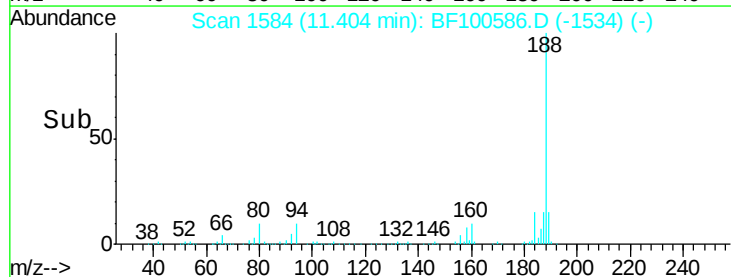
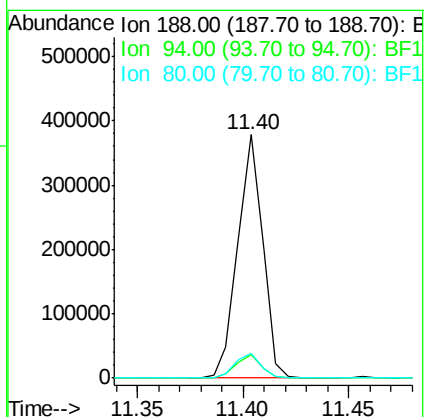
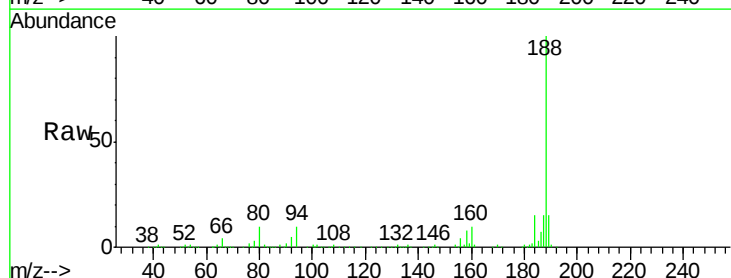
Instrument :
 BNA_F
 ClientSampleId :
 TP-9A-9B

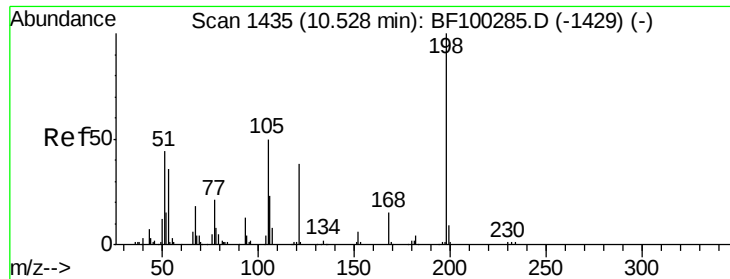
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF100586.D
 Acq: 15 Nov 2017 14:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.4	9.2	13.8

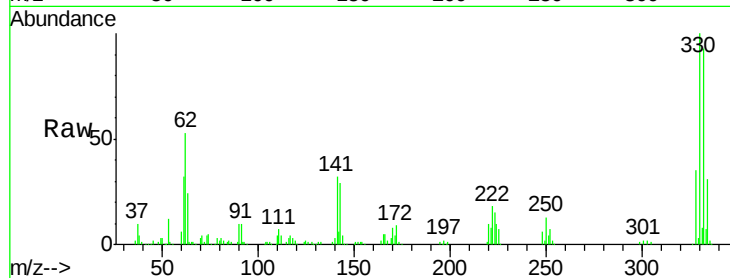




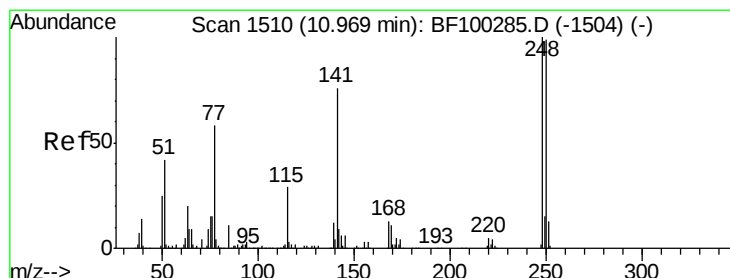
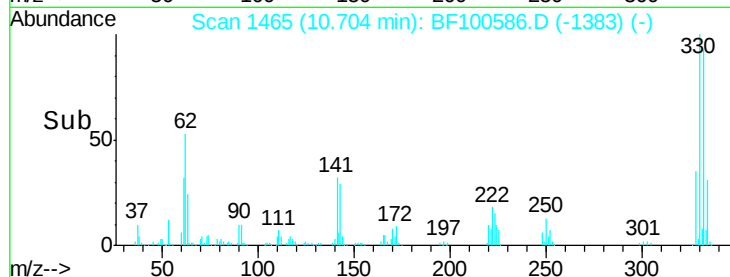
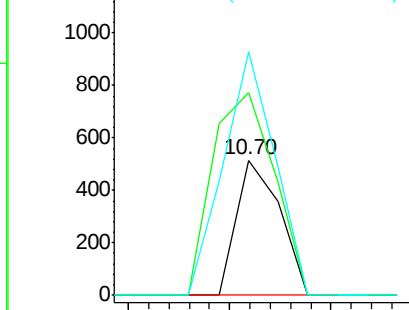
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.732 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.18 min
 Lab File: BF100586.D
 Acq: 15 Nov 2017 14:23

Instrument :
 BNA_F
 ClientSampleId :
 TP-9A-9B

Tgt Ion:198 Resp: 307
 Ion Ratio Lower Upper
 198 100
 51 150.2 37.7 77.7#
 105 180.5 36.3 76.3#

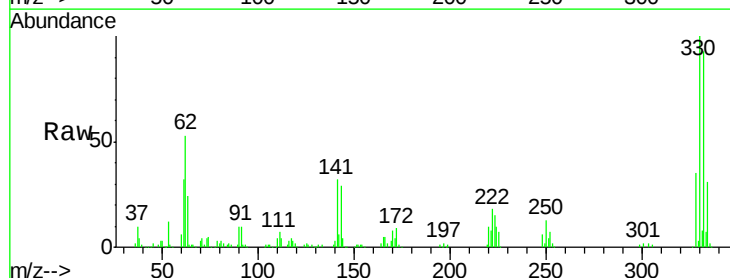


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

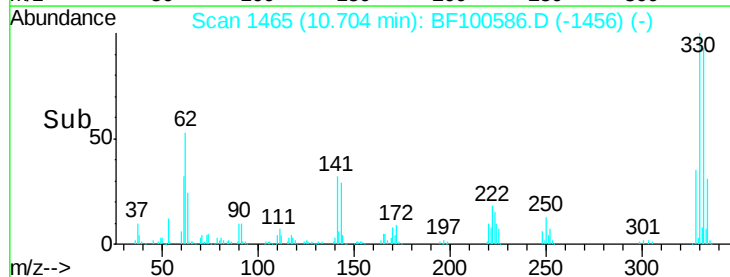
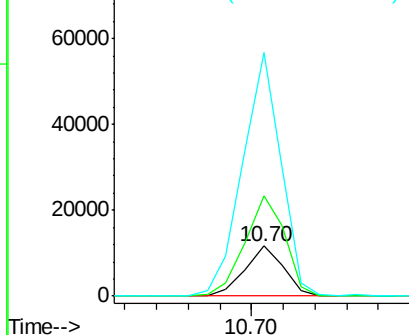


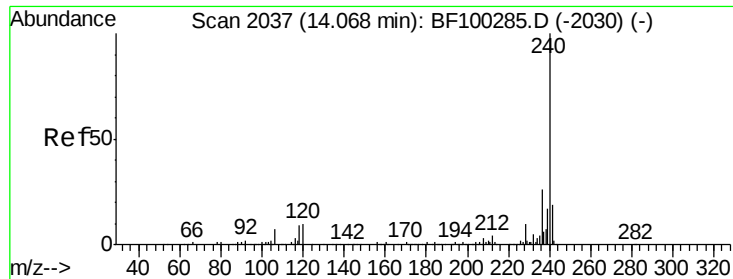
#66
 4-Bromophenyl-phenylether
 Concen: 2.963 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF100586.D
 Acq: 15 Nov 2017 14:23

Tgt Ion:248 Resp: 9812
 Ion Ratio Lower Upper
 248 100
 250 202.6 76.9 115.3#
 141 489.8 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100586.D

Acq: 15 Nov 2017 14:23

Instrument :

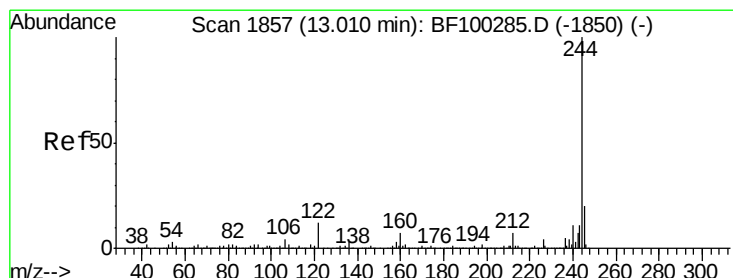
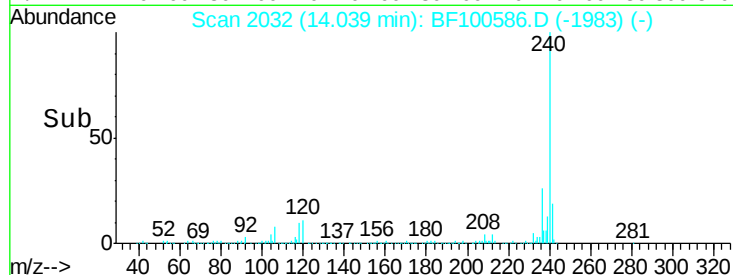
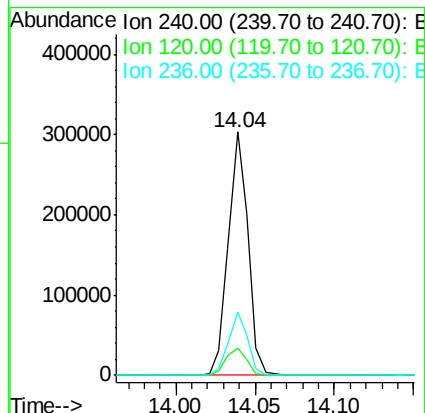
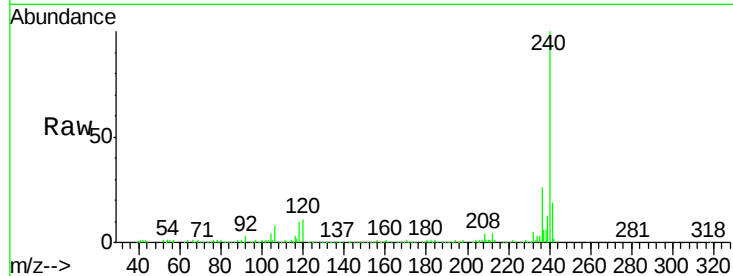
BNA_F

ClientSampleId :

TP-9A-9B

Tgt Ion:240 Resp: 260892

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.8	20.7	31.1



#78

Terphenyl-d14

Concen: 47.789 ng

RT: 12.99 min Scan# 1853

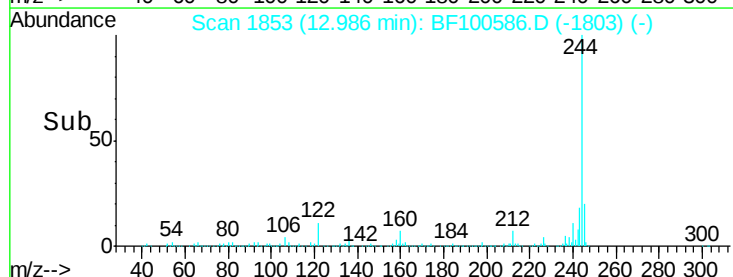
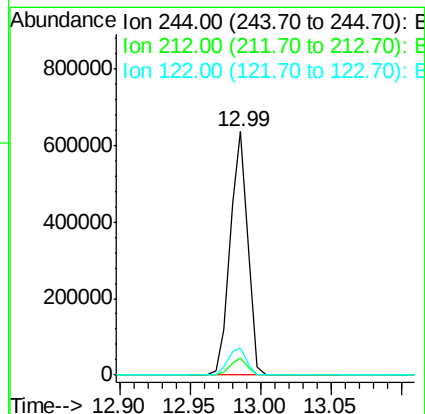
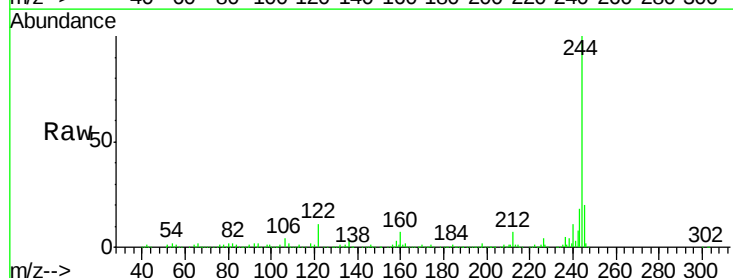
Delta R.T. -0.01 min

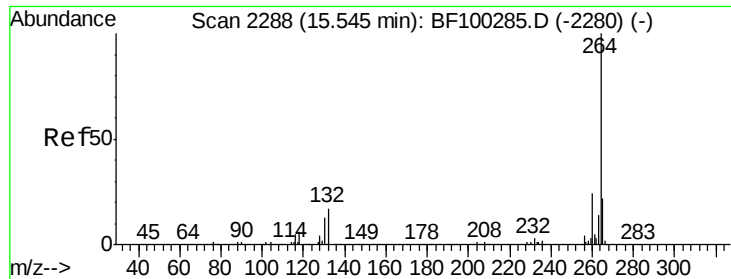
Lab File: BF100586.D

Acq: 15 Nov 2017 14:23

Tgt Ion:244 Resp: 542622

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF100586.D
Acq: 15 Nov 2017 14:23

Instrument :
BNA_F
ClientSampleId :
TP-9A-9B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.5	26.3

