

Data File : BF100445.D
Acq On : 11 Nov 2017 17:17
Operator : SJ/JU
Sample : I6388-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3N-2

Quant Time: Nov 13 01:10:20 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	148133	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	515975	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	189159	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	315096	20.00	ng	0.00
75) Chrysene-d12	14.07	240	318533	20.00	ng	0.00
86) Perylene-d12	15.55	264	225215	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	844434	91.38	ng	0.01
7) Phenol-d6	6.53	99	1008579	88.51	ng	0.00
23) Nitrobenzene-d5	7.46	82	592183	75.88	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	141987	73.66	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	861929	69.38	ng	0.00
78) Terphenyl-d14	13.01	244	632406	45.62	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.54	94	36305	3.03	ng	98
19) n-Nitroso-di-n-propylamine	7.46	70	78073	9.88	ng	# 82
25) Isophorone	7.46	82	589408	35.94	ng	# 64
47) 2-Nitroaniline	9.65	65	349	2.88	ng	# 1
49) Dimethylphthalate	9.65	163	40919	2.83	ng	# 99
50) 2,6-Dinitrotoluene	9.94	165	24656	8.62	ng	# 25
56) 2,4-Dinitrotoluene	9.94	165	24656	6.84	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	125	8.63	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	8621	2.55	ng	# 1

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

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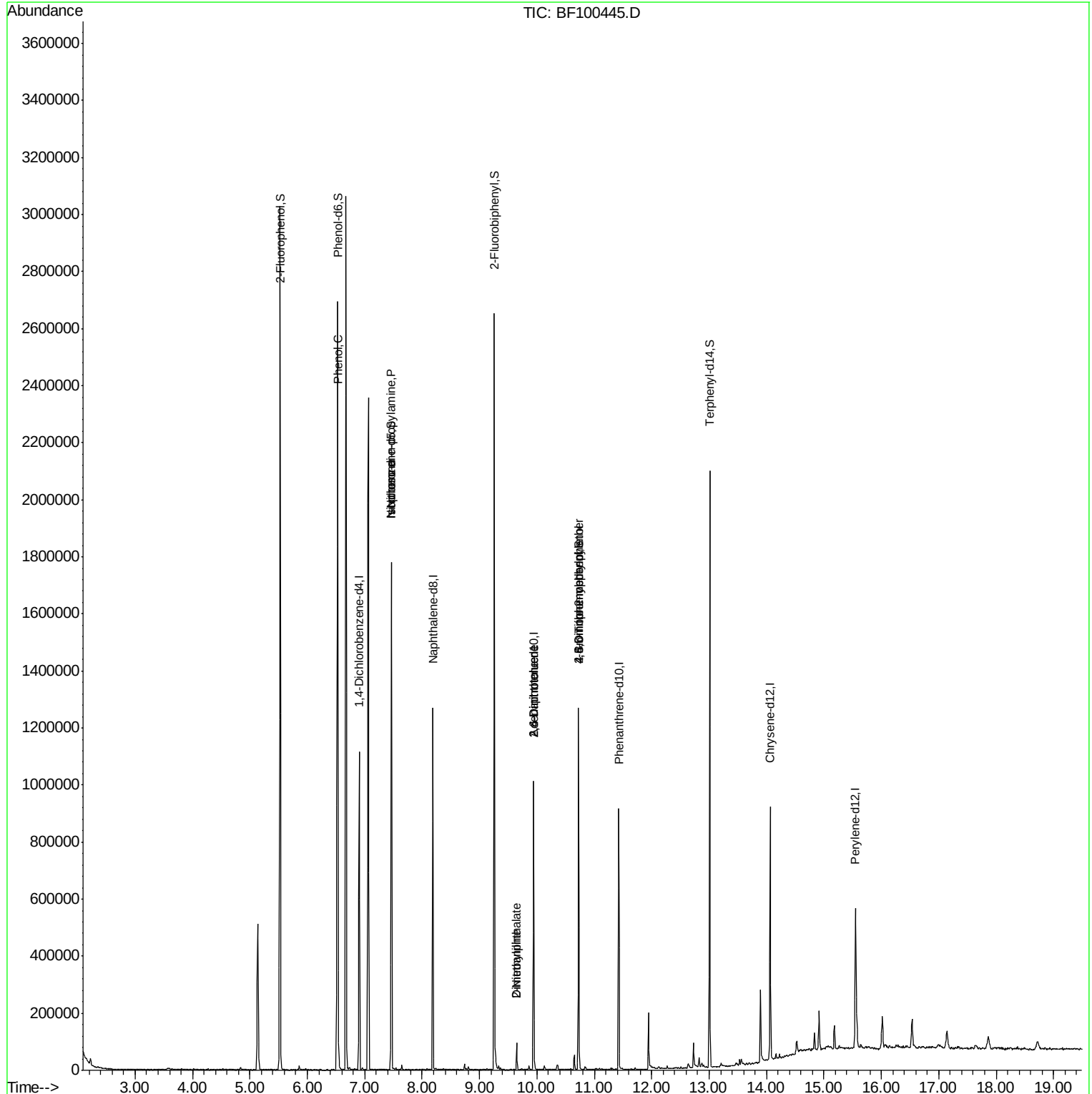
Quant Time: Nov 13 01:10:20 2017

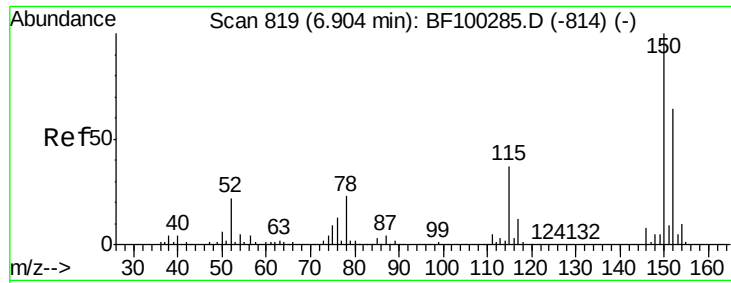
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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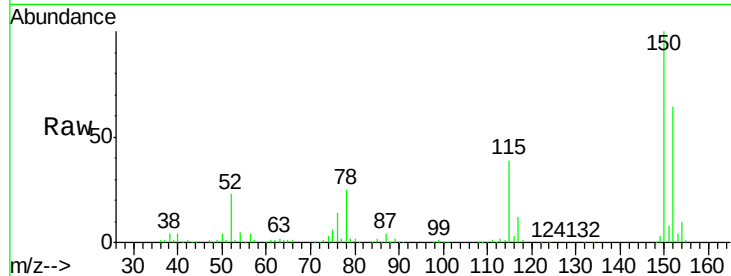


#1

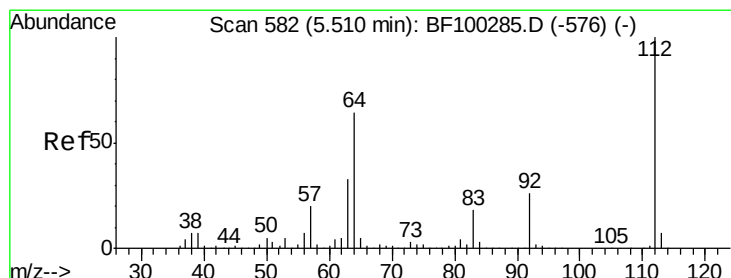
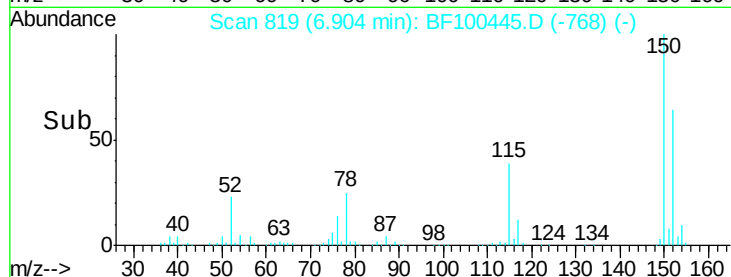
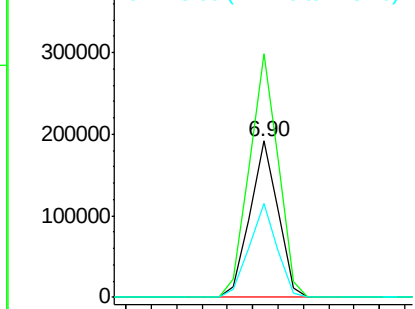
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100445.D
Acq: 11 Nov 2017 17:17

Instrument :
BNA_F
ClientSampleId :
3N-2

Tgt Ion:152 Resp: 148133
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 60.0 50.1 75.1



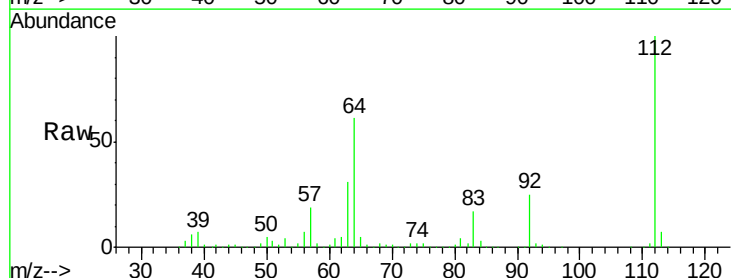
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



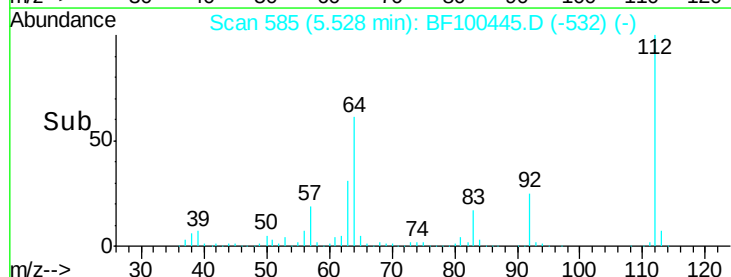
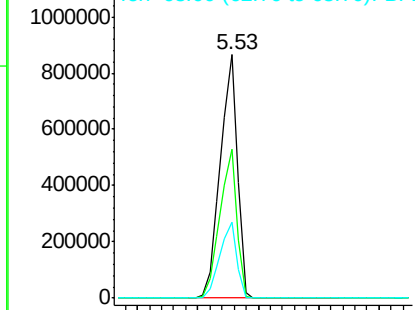
#5

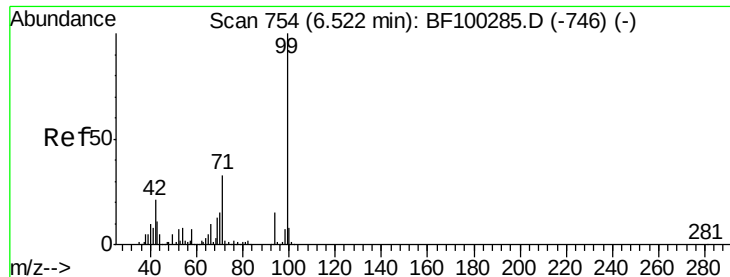
2-Fluorophenol
Concen: 91.38 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF100445.D
Acq: 11 Nov 2017 17:17

Tgt Ion:112 Resp: 844434
Ion Ratio Lower Upper
112 100
64 61.1 47.9 71.9
63 31.4 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: 88.51 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF100445.D

Acq: 11 Nov 2017 17:17

Instrument :

BNA_F

ClientSampleId :

3N-2

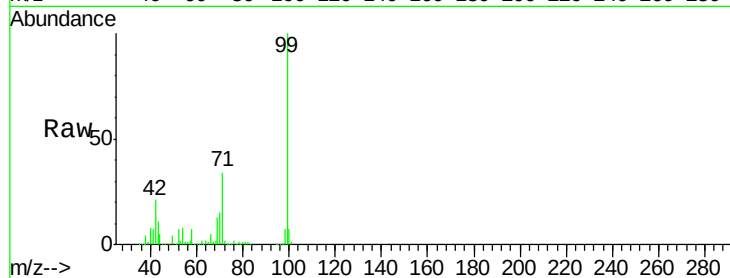
Tgt Ion: 99 Resp: 1008579

Ion Ratio Lower Upper

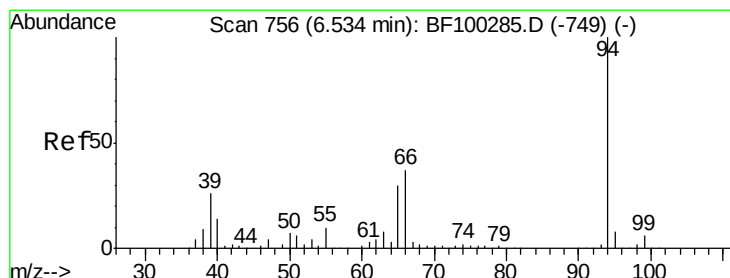
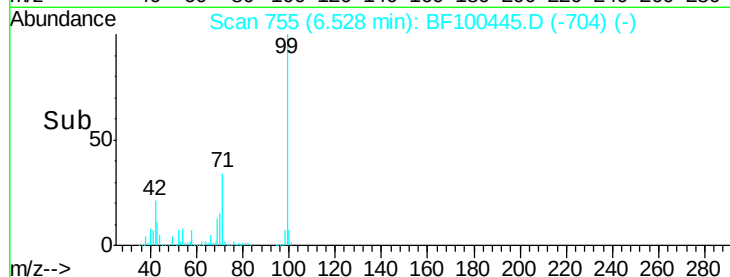
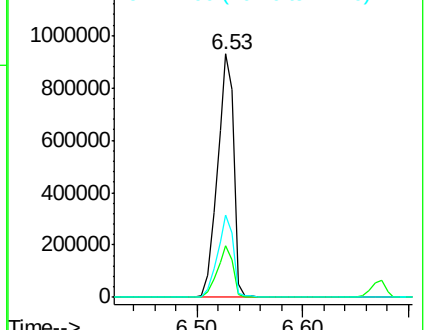
99 100

42 21.1 14.5 21.7

71 33.7 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



#10

Phenol

Concen: 3.03 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF100445.D

Acq: 11 Nov 2017 17:17

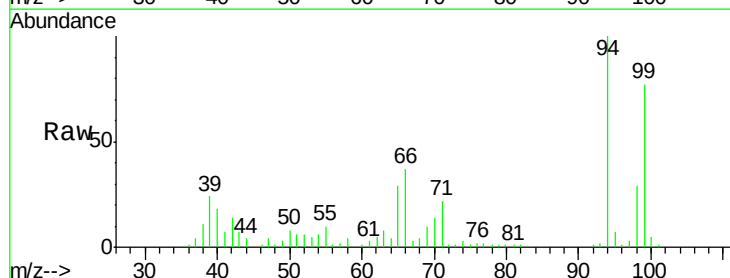
Tgt Ion: 94 Resp: 36305

Ion Ratio Lower Upper

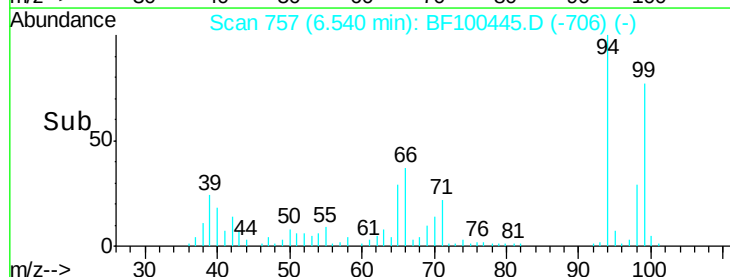
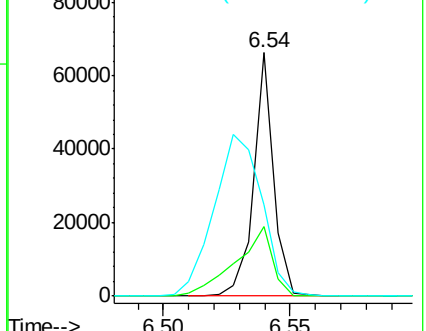
94 100

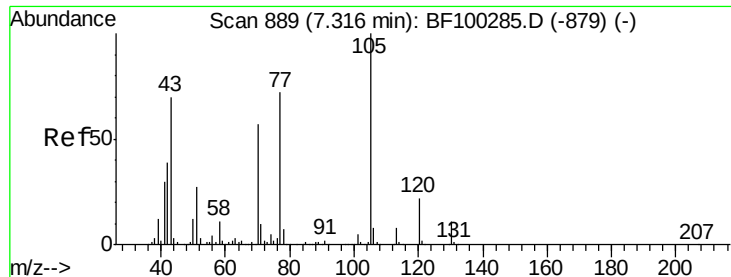
65 28.8 7.9 47.9

66 37.4 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

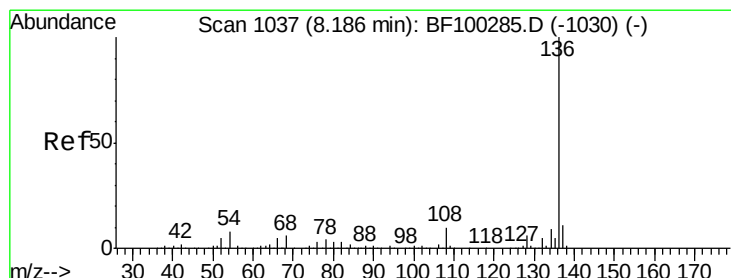
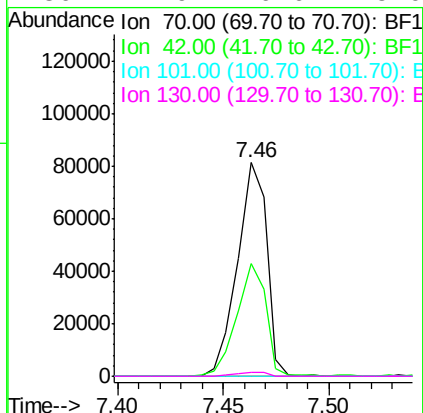
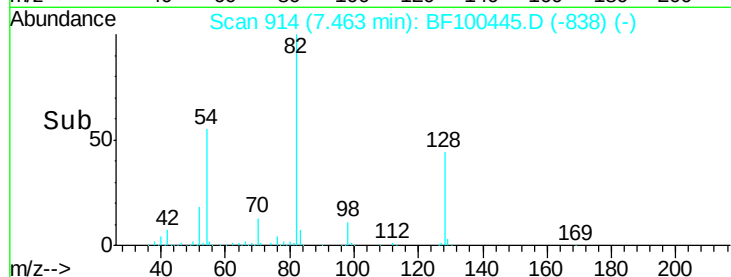
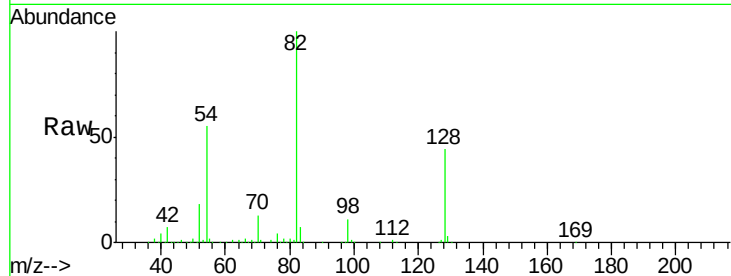




#19
n-Nitroso-di-n-propylamine
Concen: 9.88 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100445.D
Acq: 11 Nov 2017 17:17

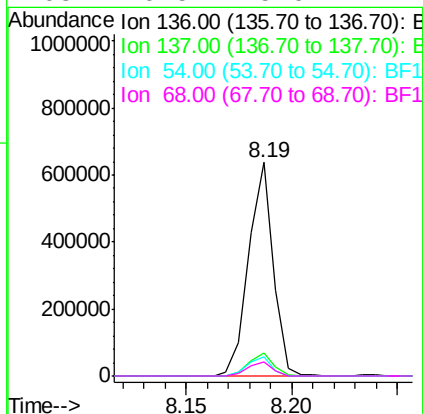
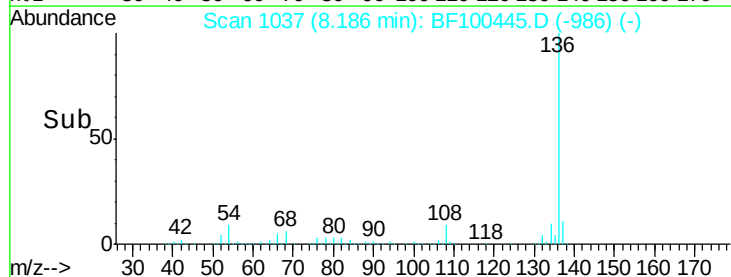
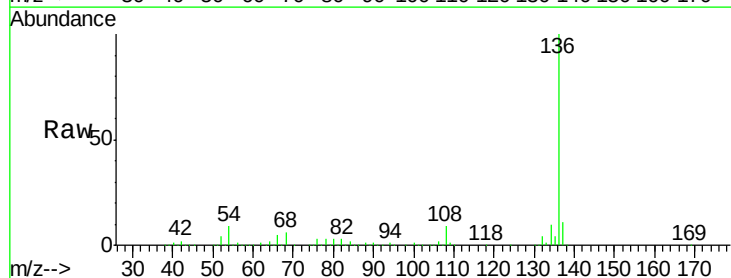
Instrument :
BNA_F
ClientSampleId :
3N-2

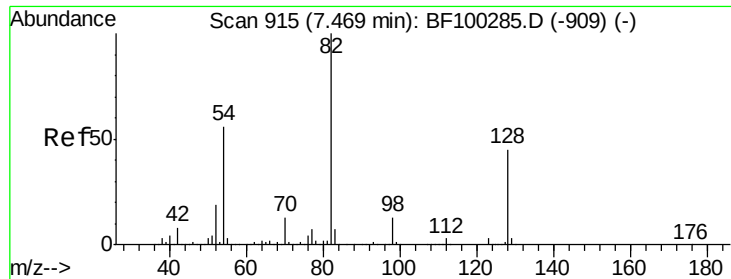
Tgt Ion: 70 Resp: 78073
Ion Ratio Lower Upper
70 100
42 52.7 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100445.D
Acq: 11 Nov 2017 17:17

Tgt Ion: 136 Resp: 515975
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.8 6.6 9.8
68 6.5 5.0 7.4

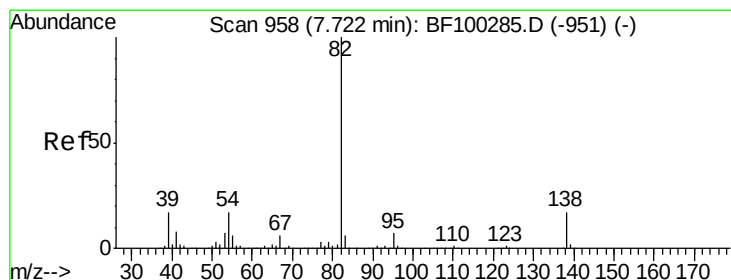
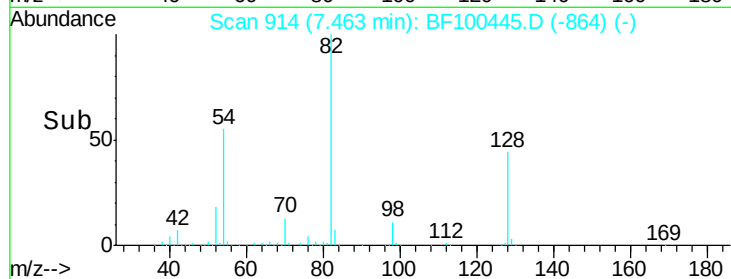
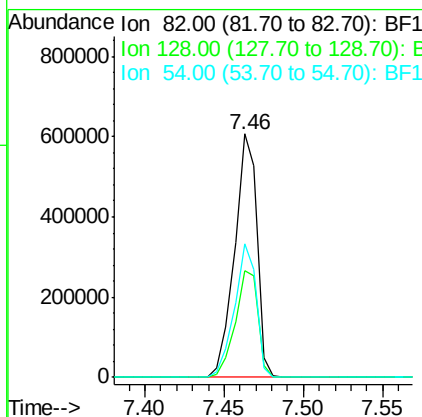
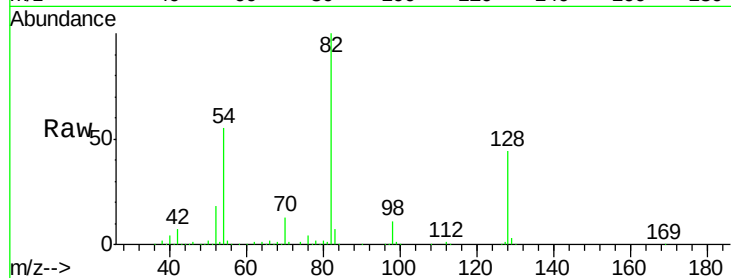




#23
 Nitrobenzene-d5
 Concen: 75.88 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100445.D
 Acq: 11 Nov 2017 17:17

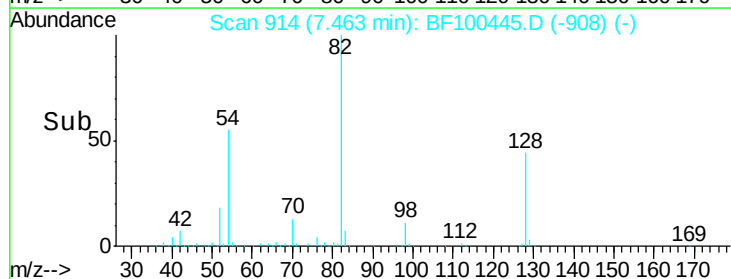
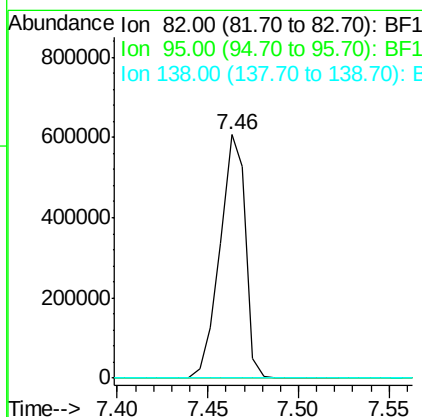
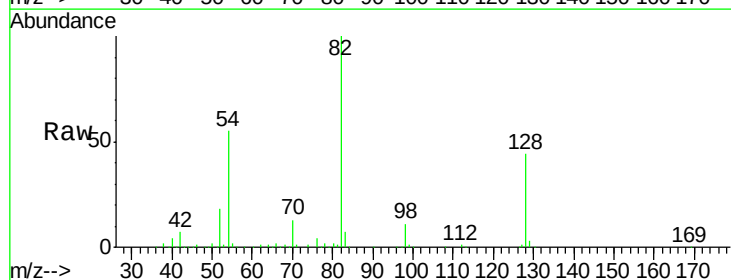
Instrument :
 BNA_F
 ClientSampleId :
 3N-2

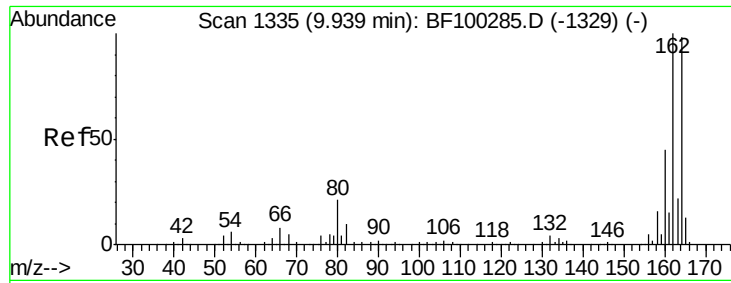
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	55.0	41.4	62.2



#25
 Isophorone
 Concen: 35.94 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.26 min
 Lab File: BF100445.D
 Acq: 11 Nov 2017 17:17

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

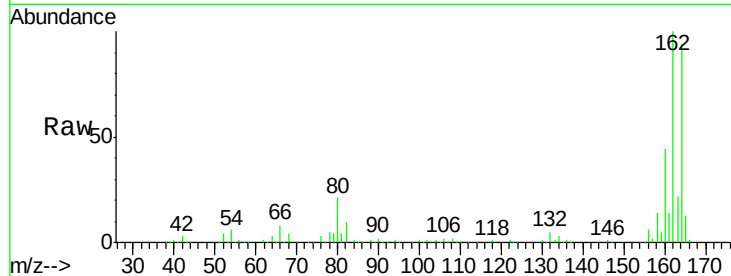




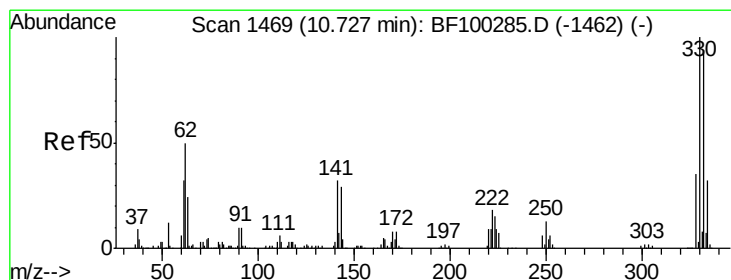
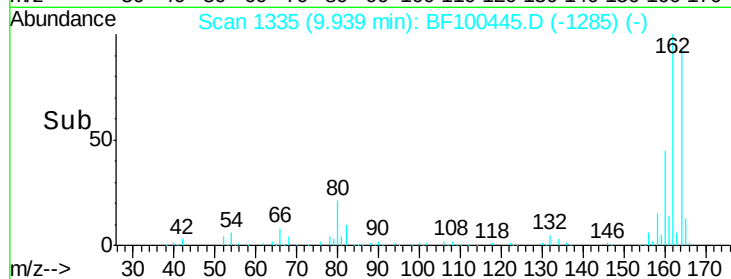
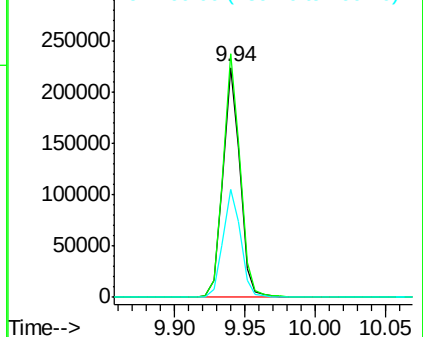
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100445.D
 Acq: 11 Nov 2017 17:17

Instrument :
 BNA_F
 ClientSampleId :
 3N-2

Tgt Ion:164 Resp: 189159
 Ion Ratio Lower Upper
 164 100
 162 105.9 86.1 129.1
 160 47.1 38.3 57.5

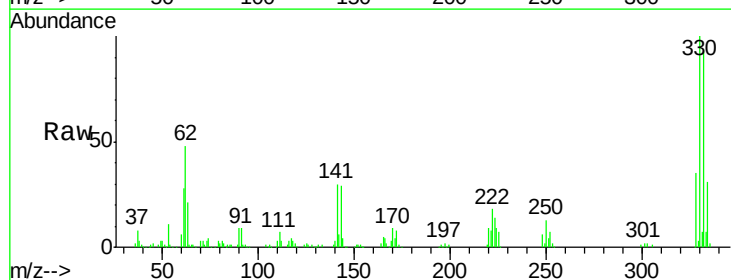


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

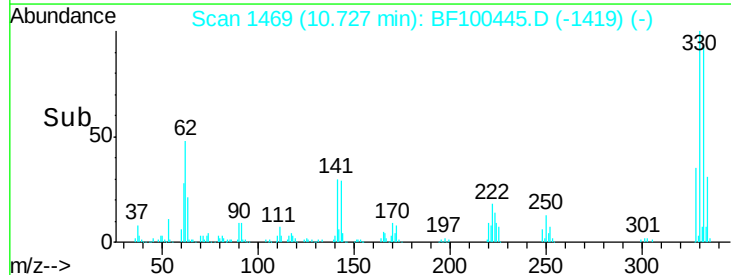
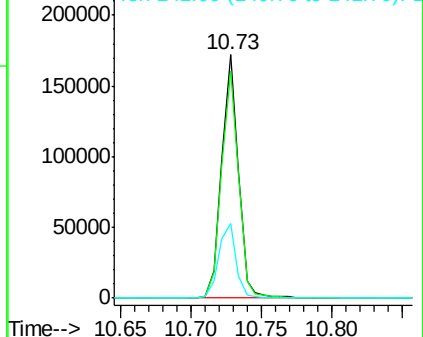


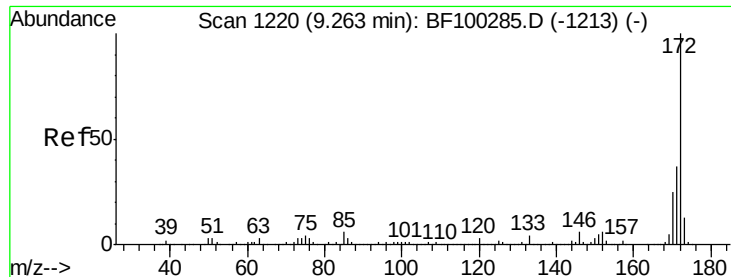
#41
 2,4,6-Tribromophenol
 Concen: 73.66 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100445.D
 Acq: 11 Nov 2017 17:17

Tgt Ion:330 Resp: 141987
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 31.8 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

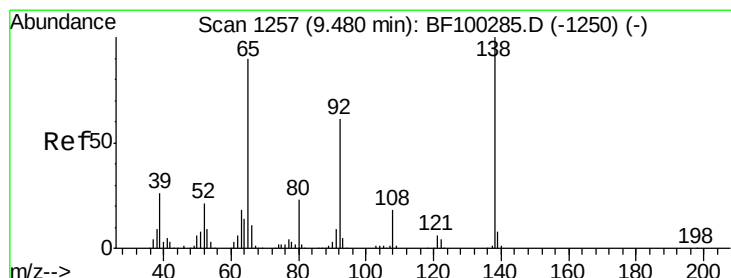
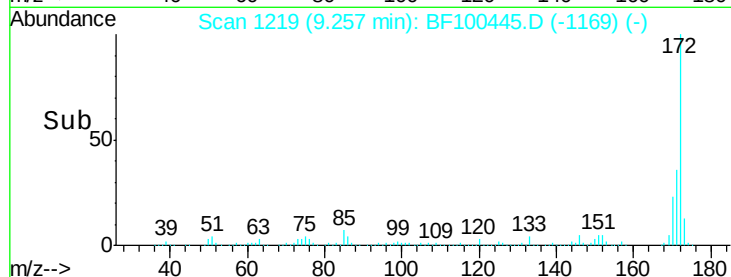
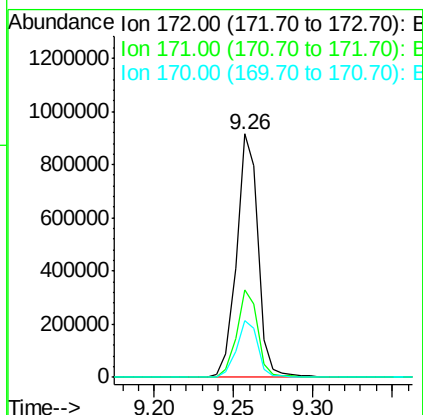
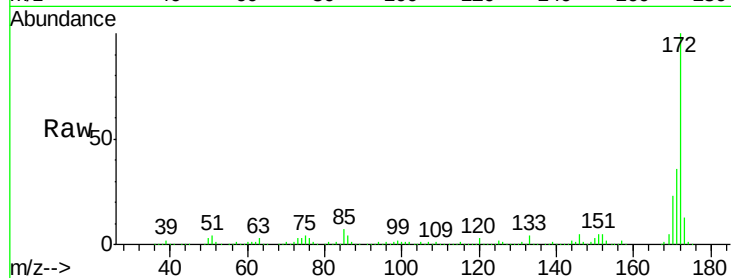




#44
2-Fluorobiphenyl
Concen: 69.38 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100445.D
Acq: 11 Nov 2017 17:17

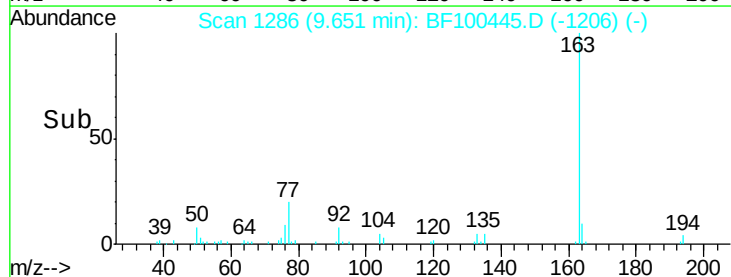
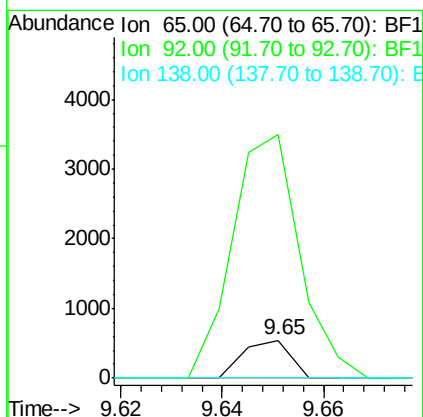
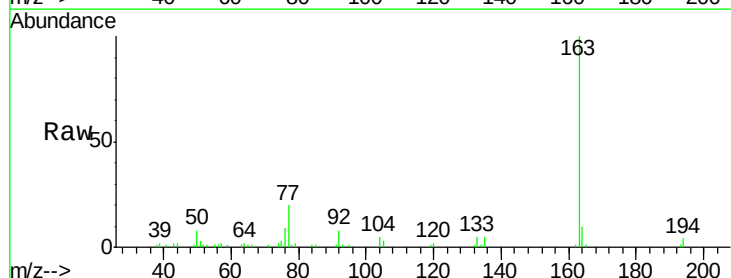
Instrument :
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ClientSampleId :
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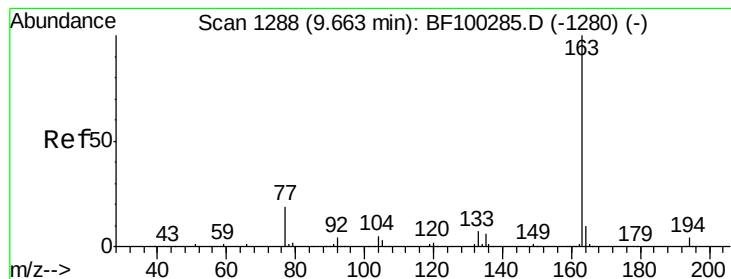
Tgt Ion: 172 Resp: 861929
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.5 19.6 29.4



#47
2-Nitroaniline
Concen: 2.88 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.17 min
Lab File: BF100445.D
Acq: 11 Nov 2017 17:17

Tgt Ion: 65 Resp: 349
Ion Ratio Lower Upper
65 100
92 648.4 55.8 83.6#
138 0.0 91.2 136.8#





#49

Dimethylphthalate

Concen: 2.83 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF100445.D

Acq: 11 Nov 2017 17:17

Instrument :

BNA_F

ClientSampleId :

3N-2

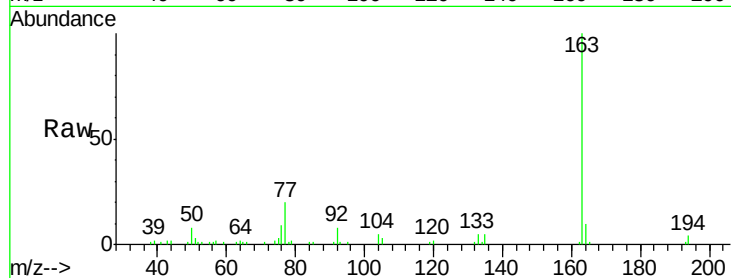
Tgt Ion:163 Resp: 40919

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

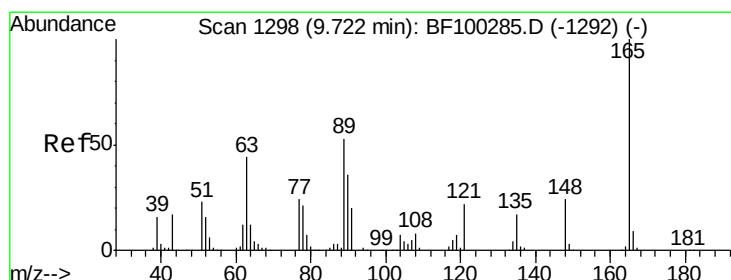
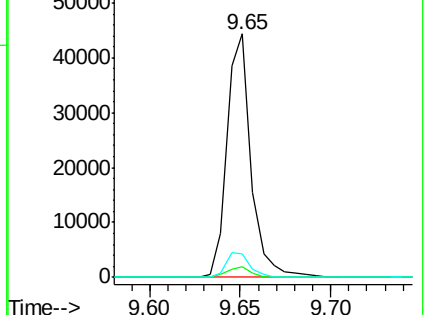
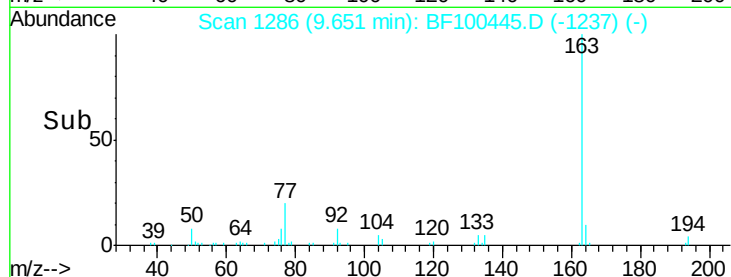
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 8.62 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.22 min

Lab File: BF100445.D

Acq: 11 Nov 2017 17:17

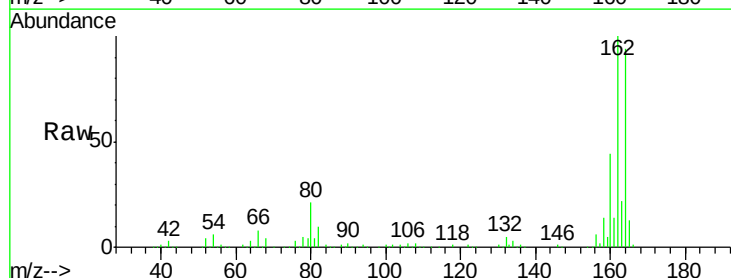
Tgt Ion:165 Resp: 24656

Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

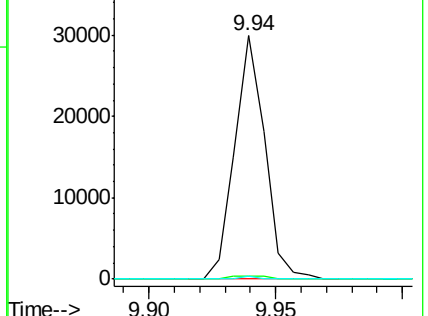
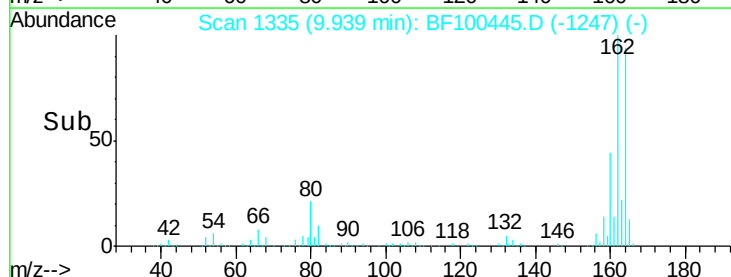
89 1.3 44.0 66.0#

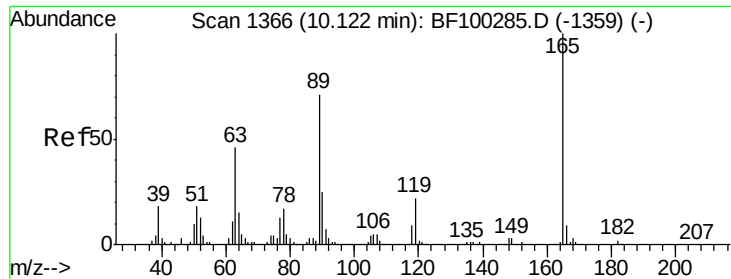


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

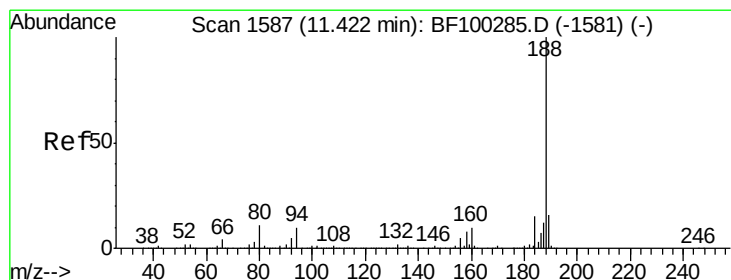
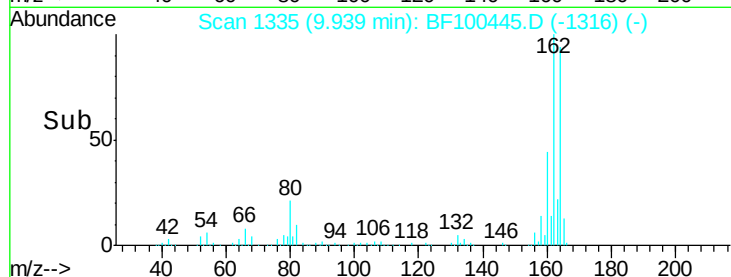
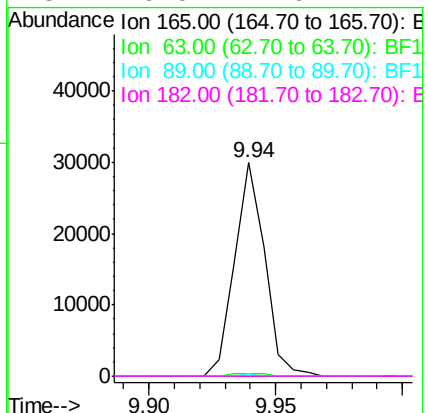
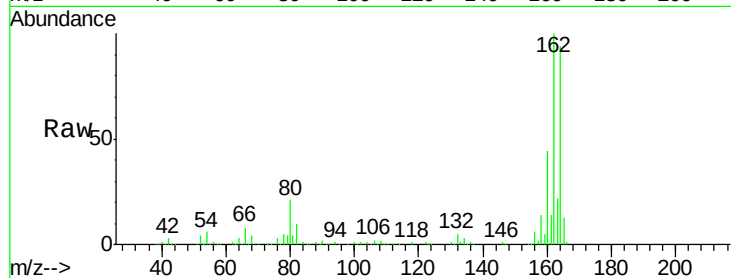




#56
 2,4-Dinitrotoluene
 Concen: 6.84 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100445.D
 Acq: 11 Nov 2017 17:17

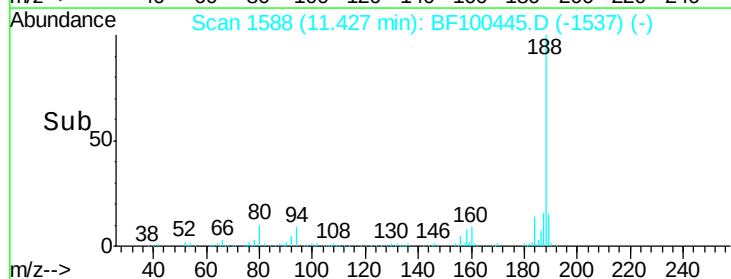
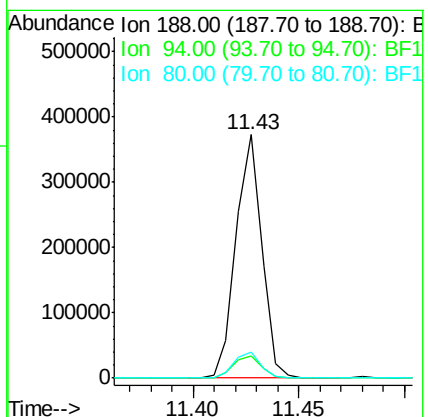
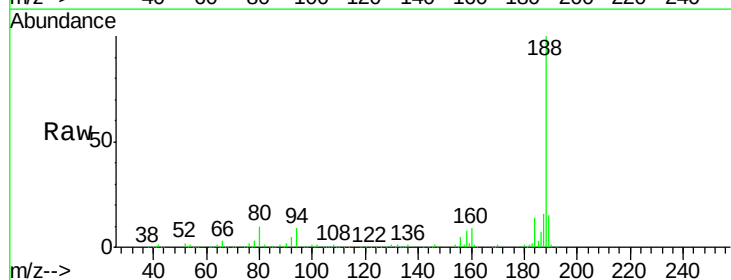
Instrument :
 BNA_F
 ClientSampleId :
 3N-2

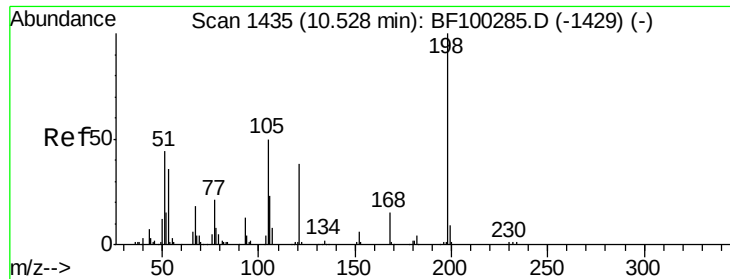
Tgt Ion:	165	Resp:	24656
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF100445.D
 Acq: 11 Nov 2017 17:17

Tgt Ion:	188	Resp:	315096
Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.4	9.2	13.8

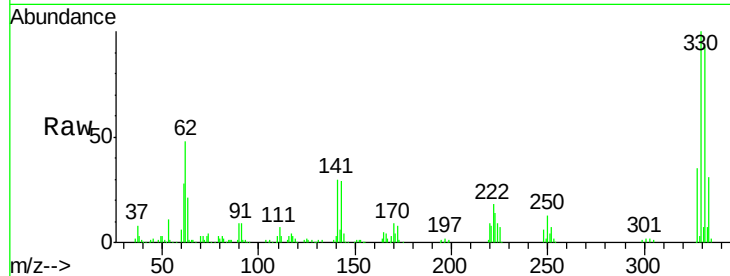




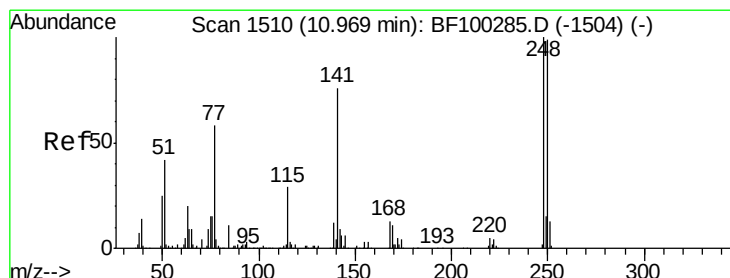
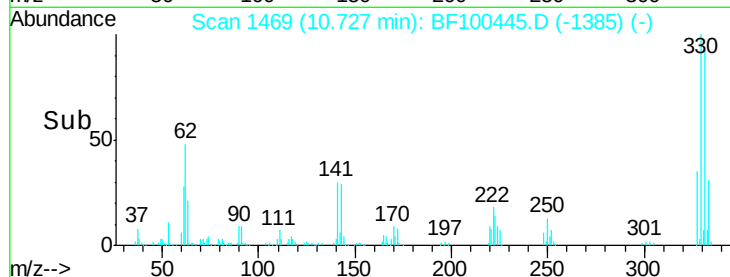
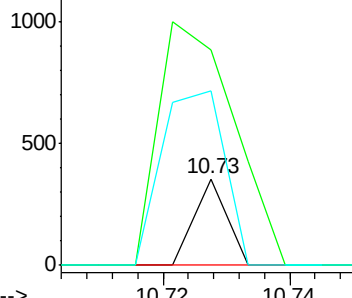
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.63 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.19 min
 Lab File: BF100445.D
 Acq: 11 Nov 2017 17:17

Instrument :
 BNA_F
 ClientSampleId :
 3N-2

Tgt Ion:198 Resp: 125
 Ion Ratio Lower Upper
 198 100
 51 249.2 37.7 77.7#
 105 201.7 36.3 76.3#

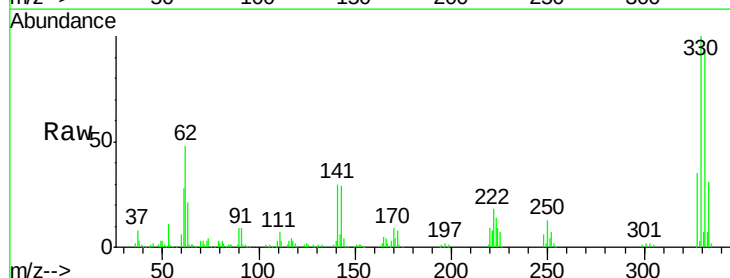


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

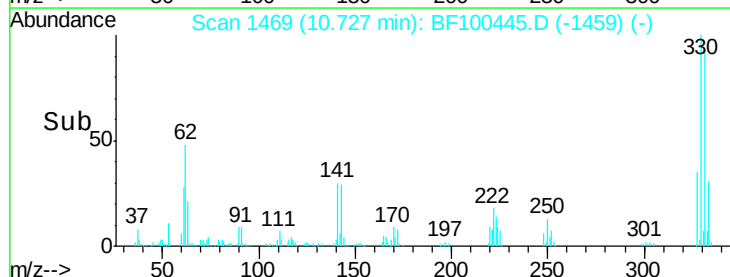
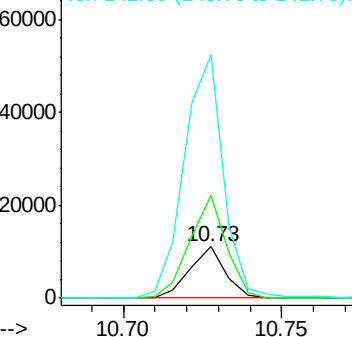


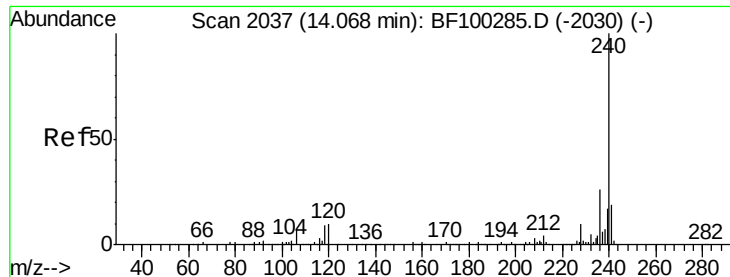
#66
 4-Bromophenyl-phenylether
 Concen: 2.55 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.24 min
 Lab File: BF100445.D
 Acq: 11 Nov 2017 17:17

Tgt Ion:248 Resp: 8621
 Ion Ratio Lower Upper
 248 100
 250 201.3 76.9 115.3#
 141 473.9 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: 20.00 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF100445.D

Acq: 11 Nov 2017 17:17

Instrument :

BNA_F

ClientSampleId :

3N-2

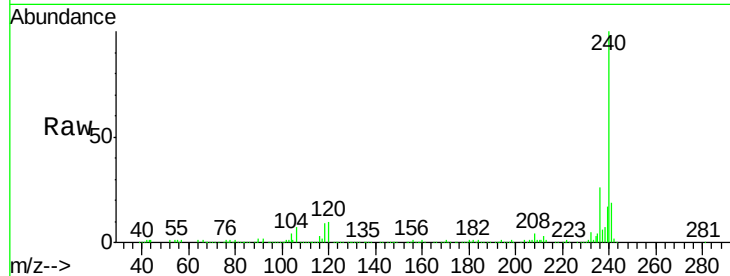
Tgt Ion:240 Resp: 318533

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

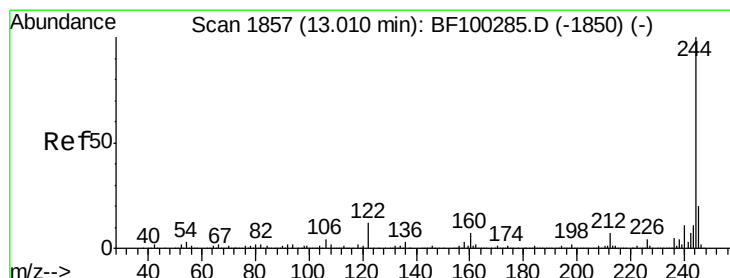
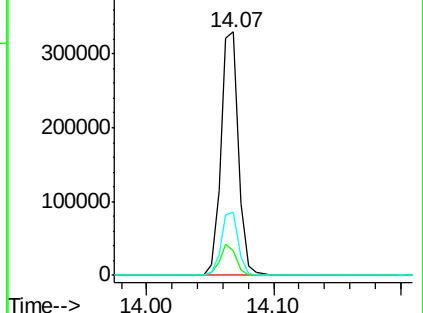
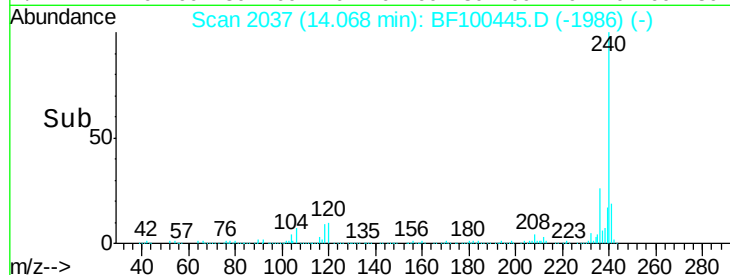
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 45.62 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100445.D

Acq: 11 Nov 2017 17:17

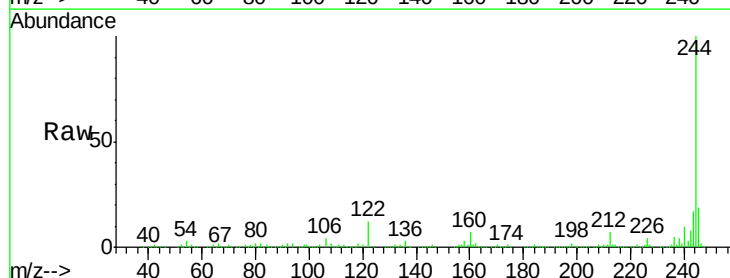
Tgt Ion:244 Resp: 632406

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

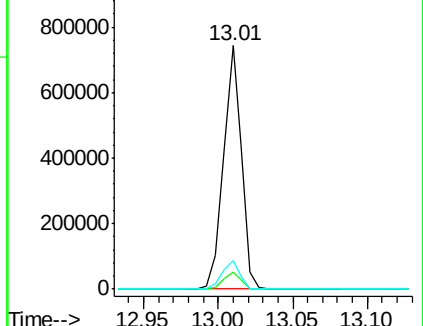
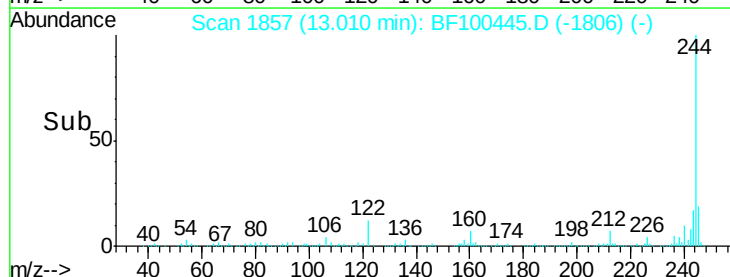
122 11.5 11.0 16.4

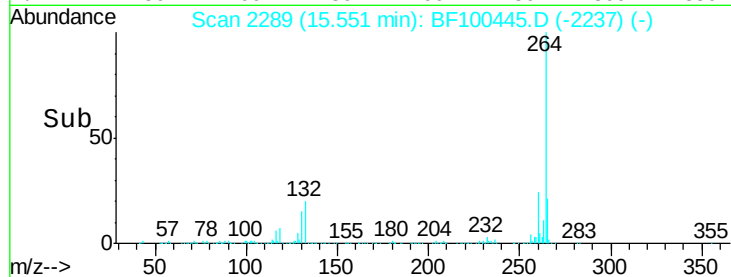
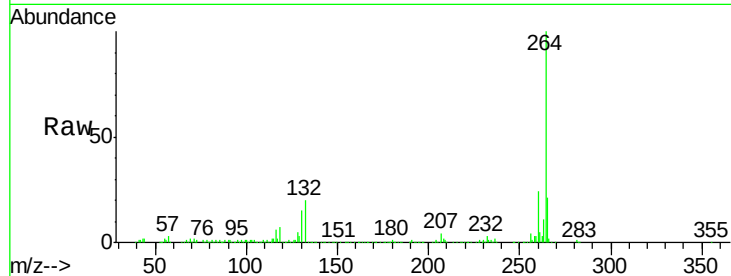
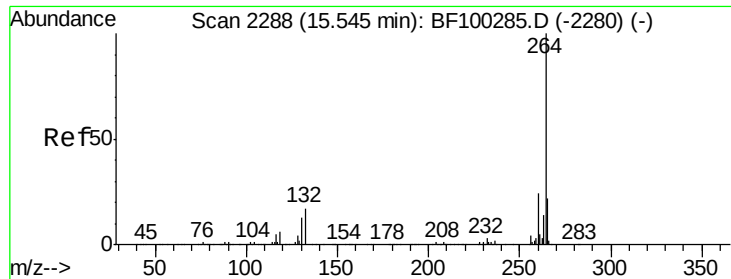


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.55 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BF100445.D

Acq: 11 Nov 2017 17:17

Instrument :

BNA_F

ClientSampleId :

3N-2

Tgt Ion: 264 Resp: 225215

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.2 17.5 26.3

