

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100333.D
 Acq On : 9 Nov 2017 11:14
 Operator : SJ/JU
 Sample : I6285-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 16:05:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	187655	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	738025	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	334867	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	590080	20.00	ng	0.00
75) Chrysene-d12	14.06	240	359205	20.00	ng	-0.01
86) Perylene-d12	15.54	264	418599	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1086523	92.81	ng	0.01
7) Phenol-d6	6.52	99	1313266	90.97	ng	0.00
23) Nitrobenzene-d5	7.46	82	837234	75.00	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	305287	89.47	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1324004	60.21	ng	0.00
78) Terphenyl-d14	13.00	244	952804	60.95	ng	0.00

Target Compounds

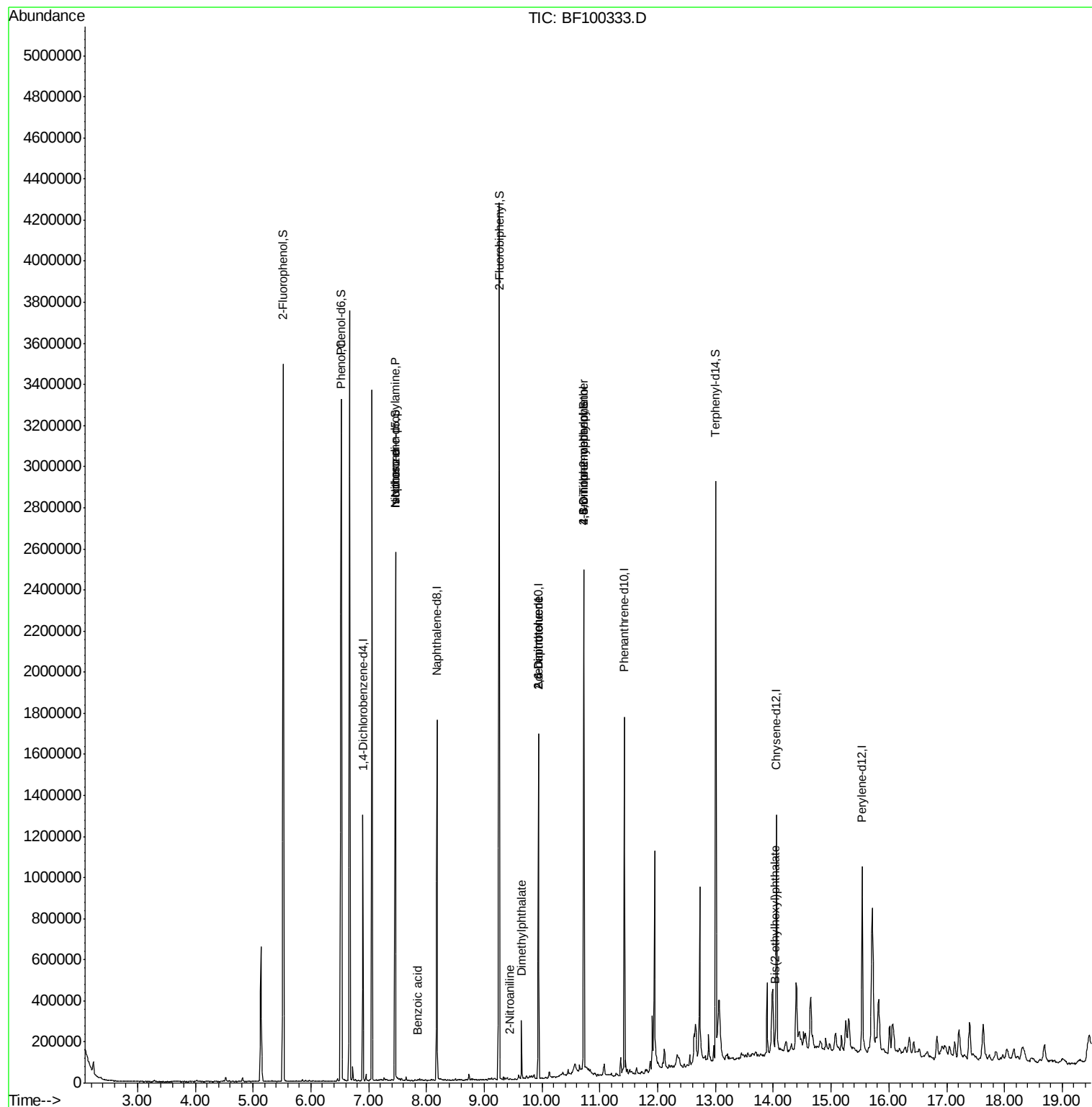
						Qvalue
10) Phenol	6.53	94	64093	4.229	ng	97
19) n-Nitroso-di-n-propylamine	7.46	70	113071	11.294	ng	# 81
25) Isophorone	7.46	82	836683	35.667	ng	# 64
32) Benzoic acid	7.85	122	861	9.457	ng	# 78
47) 2-Nitroaniline	9.45	65	122	2.802	ng	# 2
49) Dimethylphthalate	9.65	163	97482	3.813	ng	# 98
50) 2,6-Dinitrotoluene	9.93	165	44150	8.724	ng	# 25
56) 2,4-Dinitrotoluene	9.93	165	44150	6.915	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	650	8.749	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	19390	3.065	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.03	149	27990	2.038	ng	96

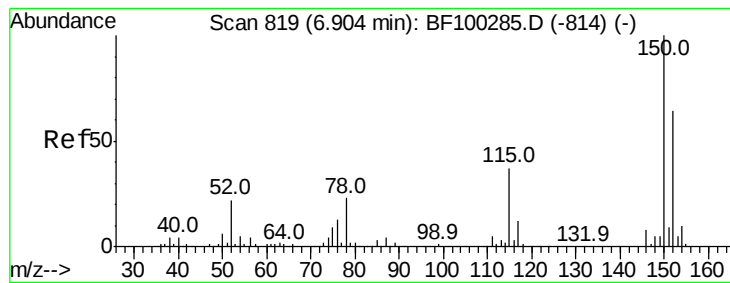
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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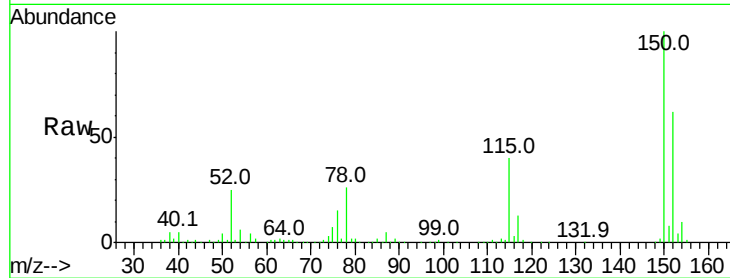


#1

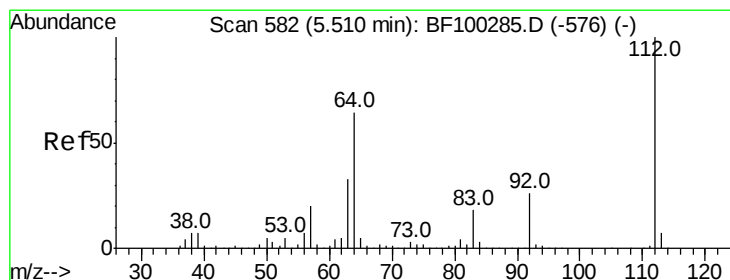
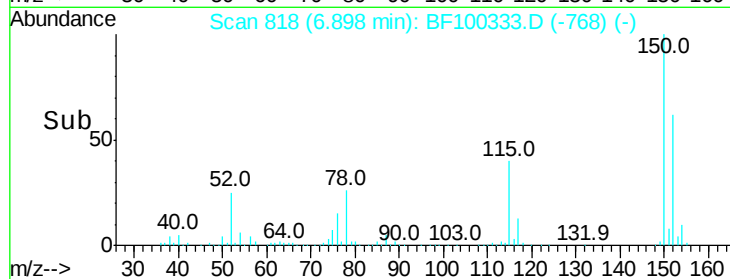
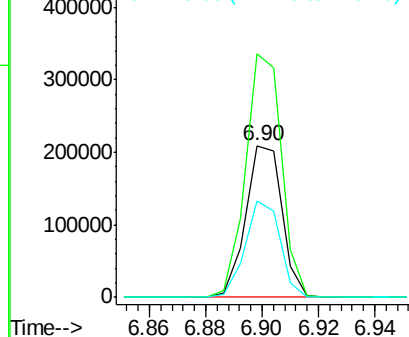
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100333.D
Acq: 9 Nov 2017 11:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 187655
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 63.3 50.1 75.1



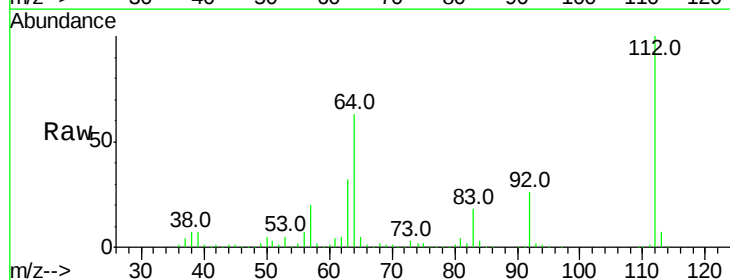
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



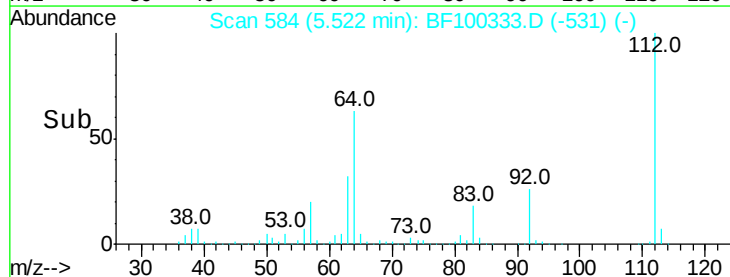
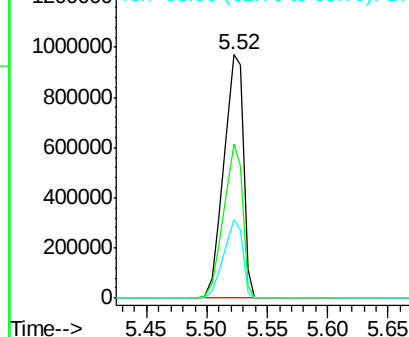
#5

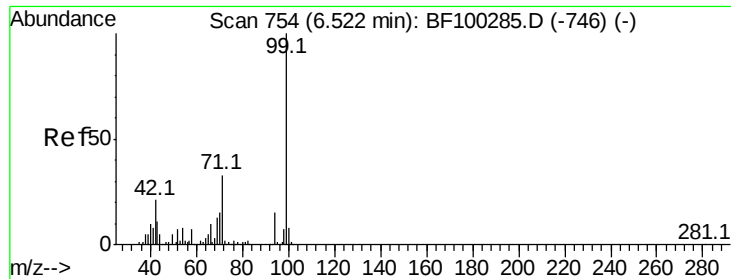
2-Fluorophenol
Concen: 92.813 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100333.D
Acq: 9 Nov 2017 11:14

Tgt Ion:112 Resp: 1086523
Ion Ratio Lower Upper
112 100
64 63.2 47.9 71.9
63 32.3 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: 90.973 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF100333.D

Acq: 9 Nov 2017 11:14

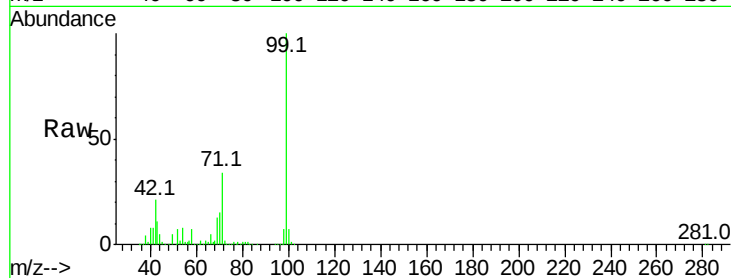
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1313266

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	33.8	25.4	38.0



Abundance

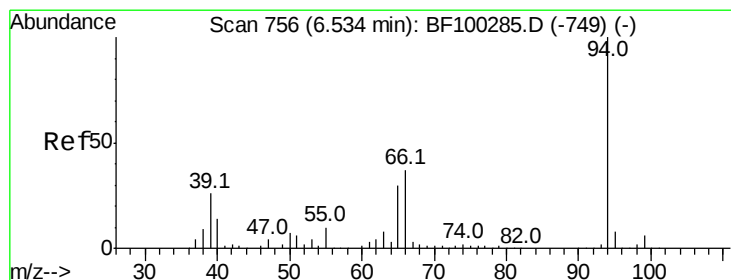
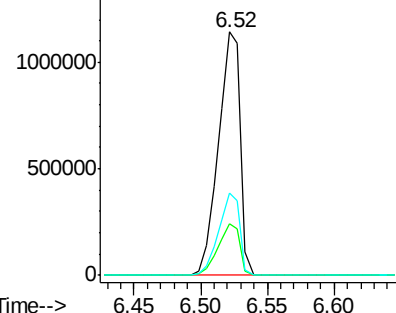
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

6.52

Time-->



#10

Phenol

Concen: 4.229 ng

RT: 6.53 min Scan# 756

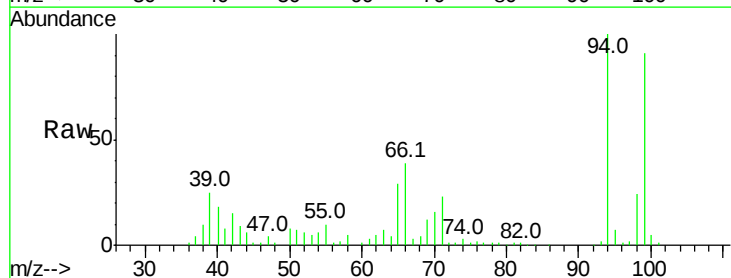
Delta R.T. -0.01 min

Lab File: BF100333.D

Acq: 9 Nov 2017 11:14

Tgt Ion: 94 Resp: 64093

Ion	Ratio	Lower	Upper
94	100		
65	29.2	7.9	47.9
66	38.7	16.2	56.2



Abundance

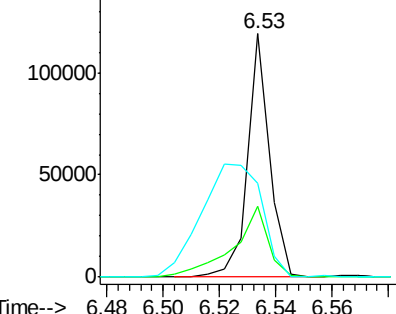
Ion 94.00 (93.70 to 94.70): BF1

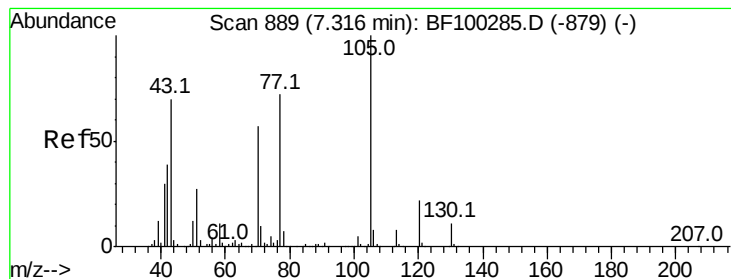
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

6.53

Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 11.294 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100333.D

Acq: 9 Nov 2017 11:14

Instrument :

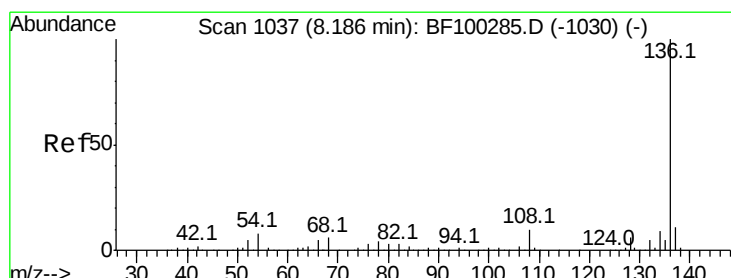
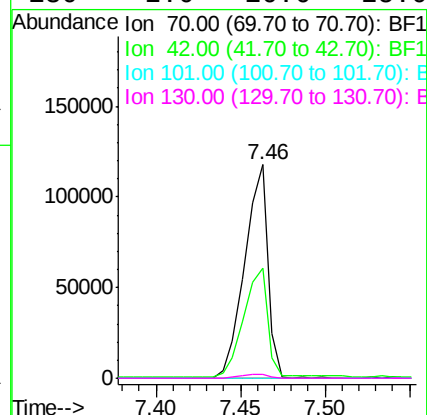
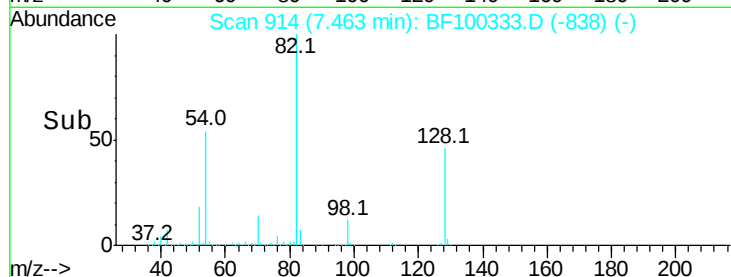
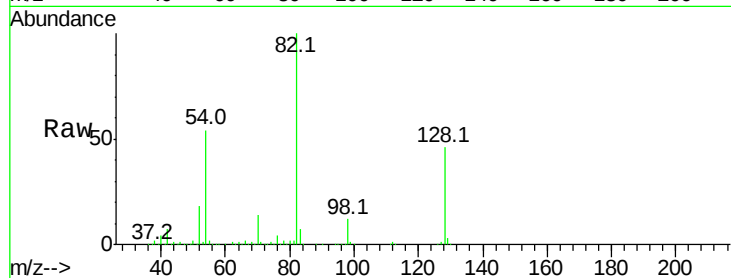
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 113071

Ion Ratio Lower Upper

70	100		
42	51.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

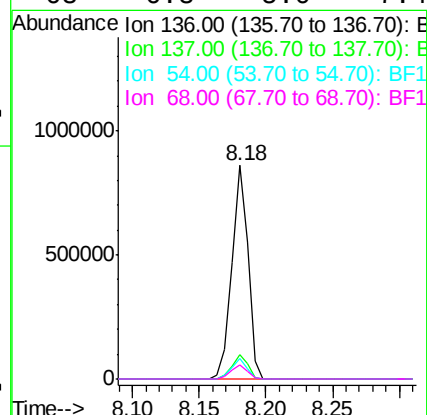
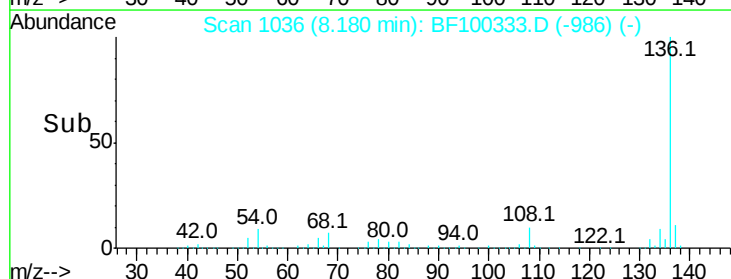
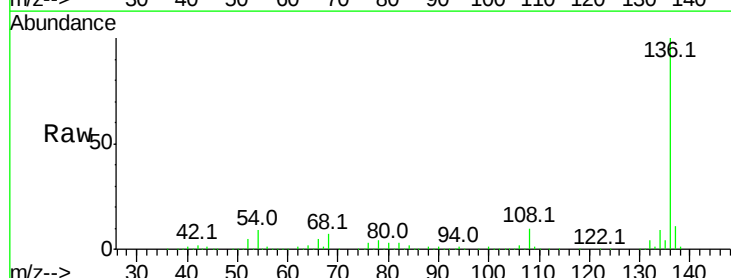
Lab File: BF100333.D

Acq: 9 Nov 2017 11:14

Tgt Ion:136 Resp: 738025

Ion Ratio Lower Upper

136	100		
137	11.2	8.9	13.3
54	9.4	6.6	9.8
68	6.8	5.0	7.4

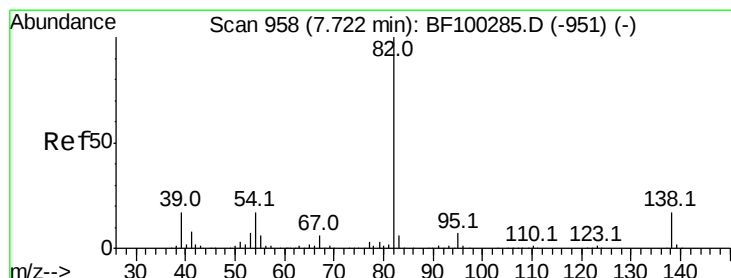
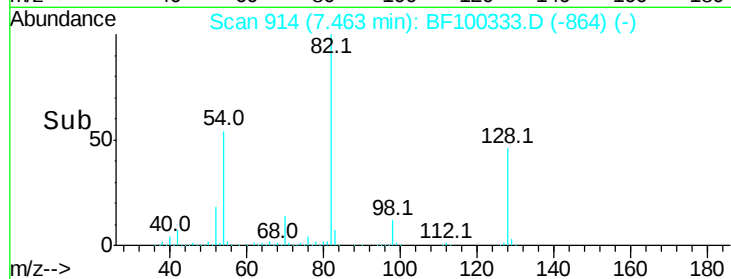
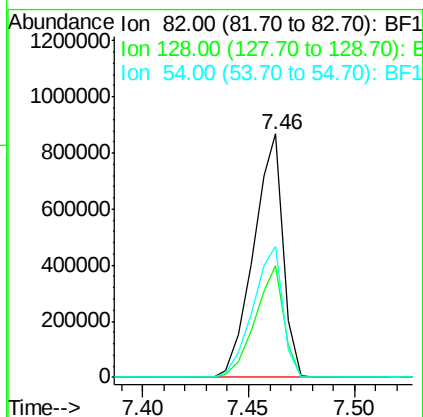
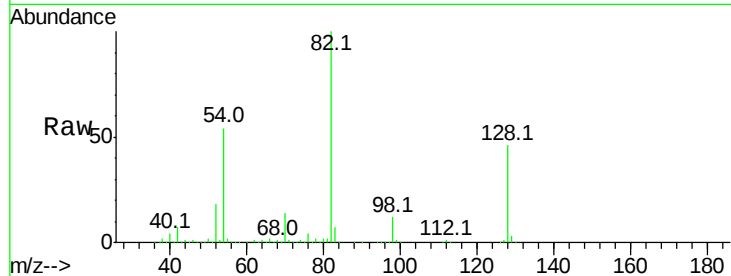




#23
Nitrobenzene-d5
Concen: 75.001 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100333.D
Acq: 9 Nov 2017 11:14

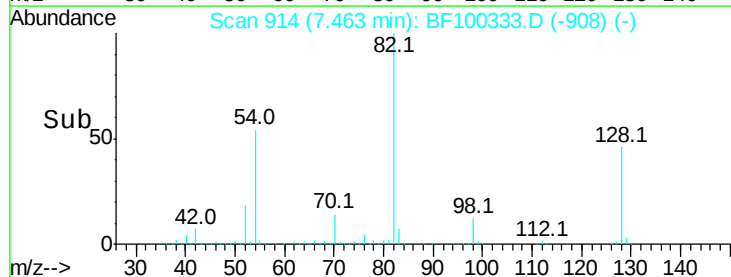
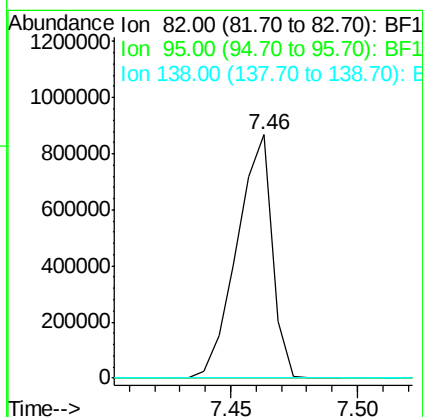
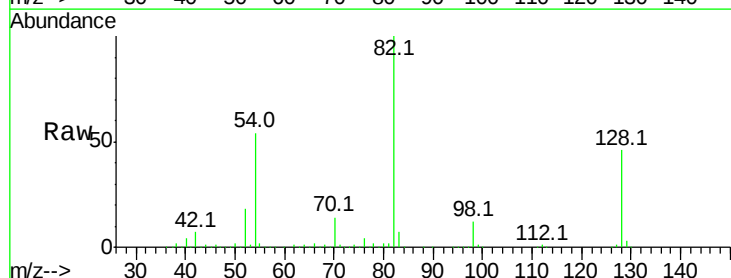
Instrument :
BNA_F
ClientSampled :

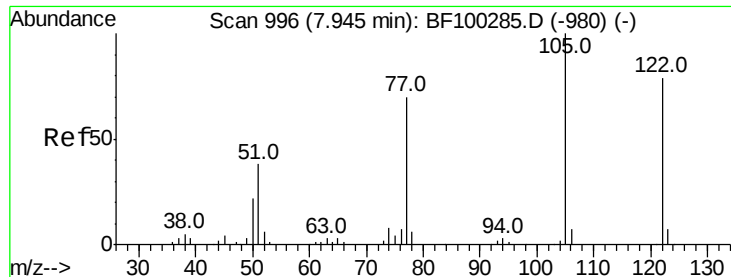
Tot Ion	82	Resp	837234
Ion Ratio	100	Lower	Upper
128	46.0	36.1	54.1
54	53.9	41.4	62.2



#25
Isophorone
Concen: 35.667 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.26 min
Lab File: BF100333.D
Acq: 9 Nov 2017 11:14

Tgt Ion	82	Resp	836683
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

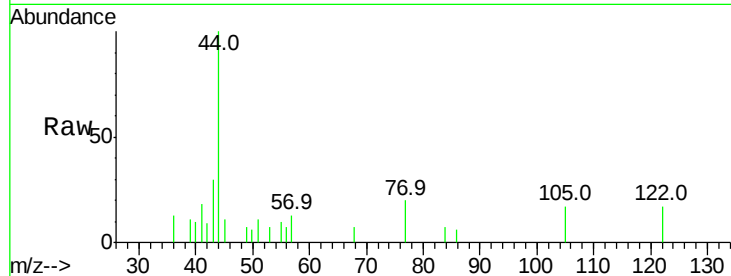




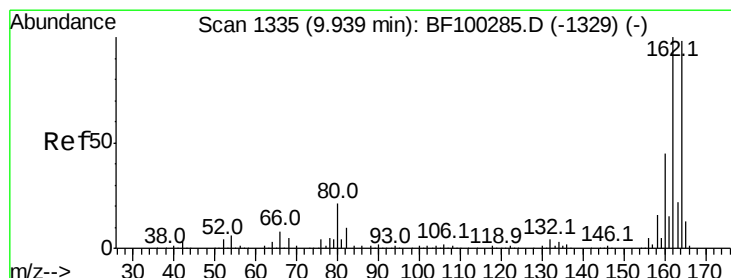
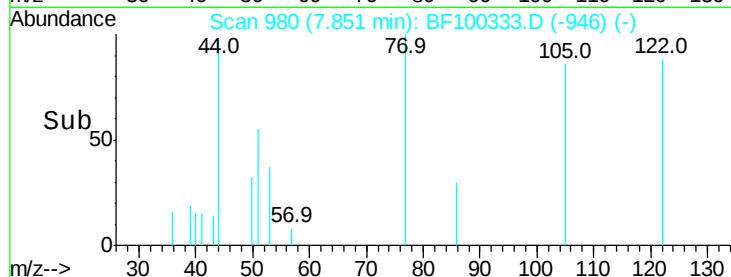
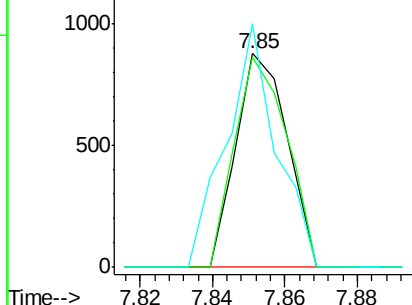
#32
Benzoic acid
Concen: 9.457 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.10 min
Lab File: BF100333.D
Acq: 9 Nov 2017 11:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 861
Ion Ratio Lower Upper
122 100
105 98.4 101.1 141.1#
77 113.9 70.7 110.7#

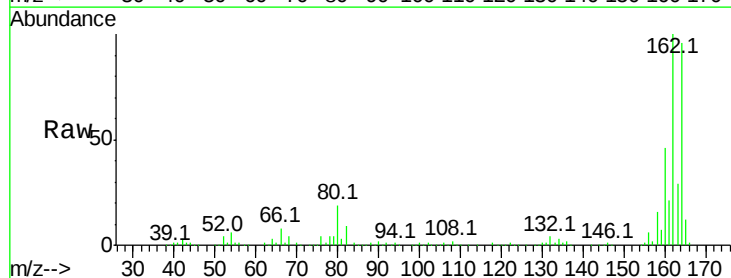


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

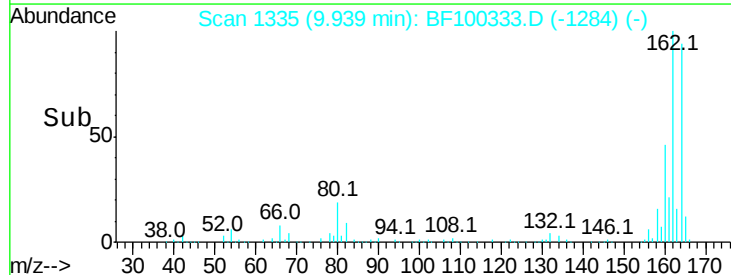
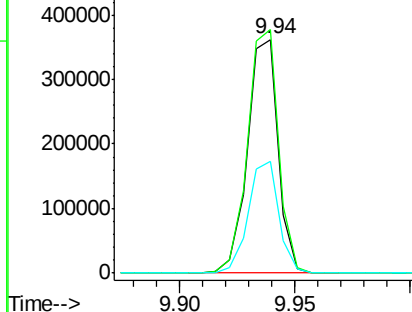


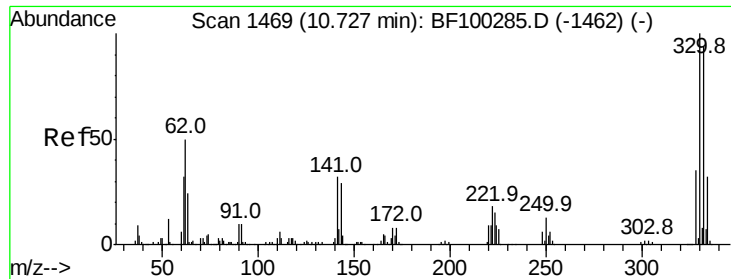
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF100333.D
Acq: 9 Nov 2017 11:14

Tgt Ion:164 Resp: 334867
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 47.8 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

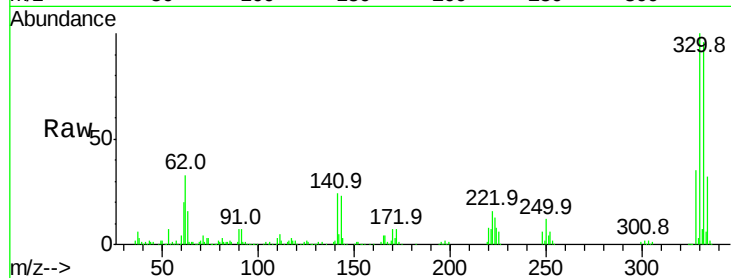




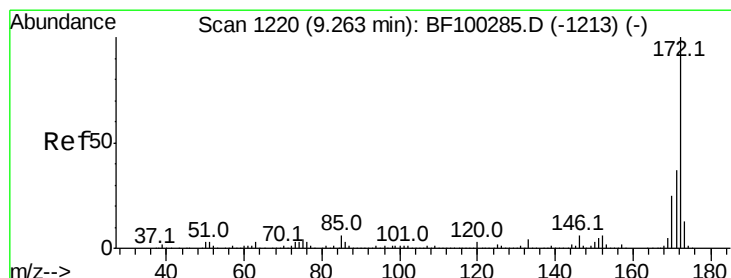
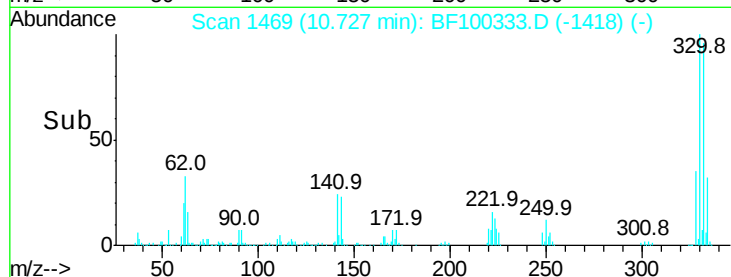
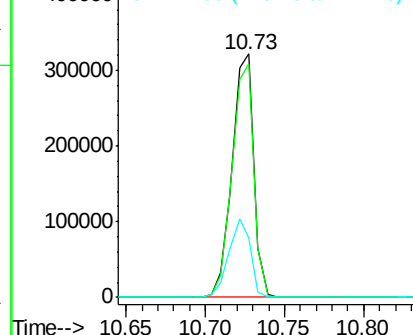
#41
 2,4,6-Tribromophenol
 Concen: 89.467 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF100333.D
 Acq: 9 Nov 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 305287
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 32.0 29.9 44.9

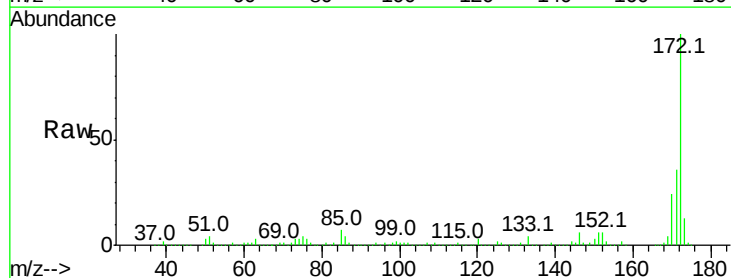


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

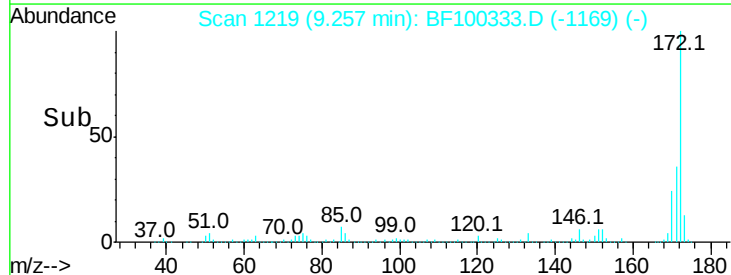
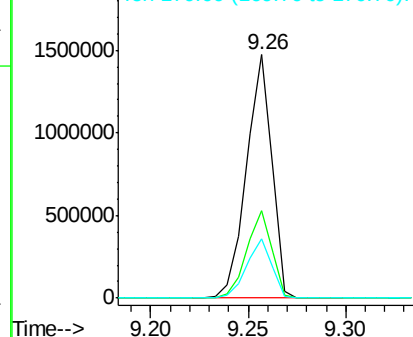


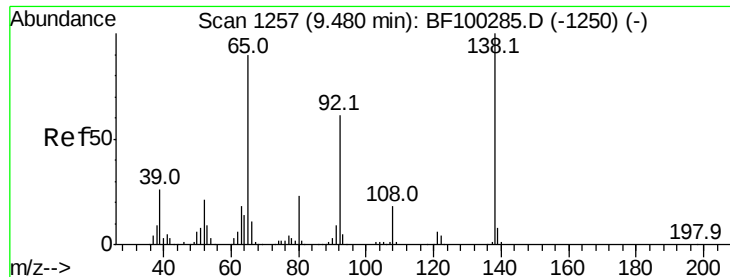
#44
 2-Fluorobiphenyl
 Concen: 60.205 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100333.D
 Acq: 9 Nov 2017 11:14

Tgt Ion:172 Resp: 1324004
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.4 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

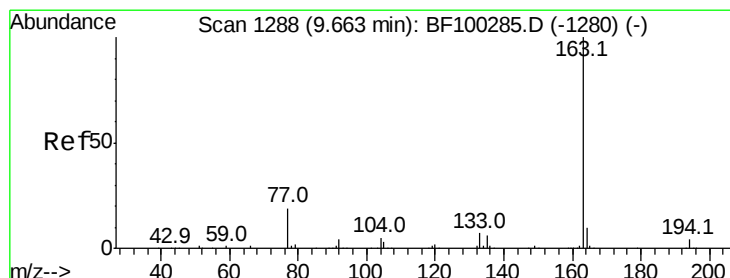
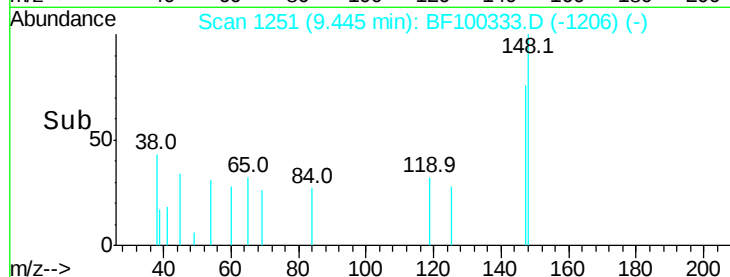
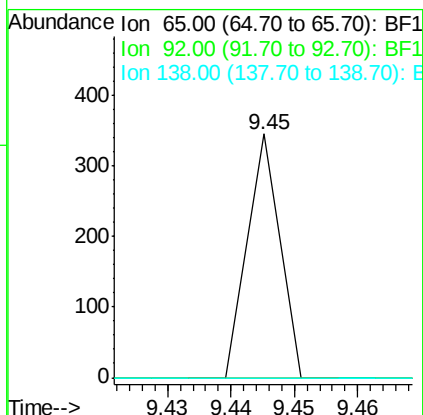
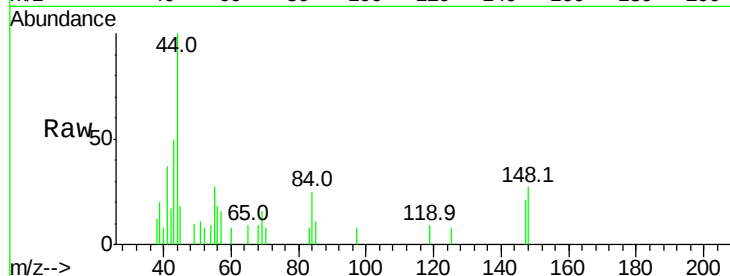




#47
2-Nitroaniline
Concen: 2.802 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.04 min
Lab File: BF100333.D
Acq: 9 Nov 2017 11:14

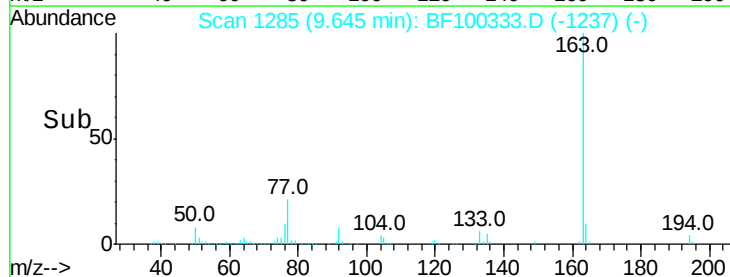
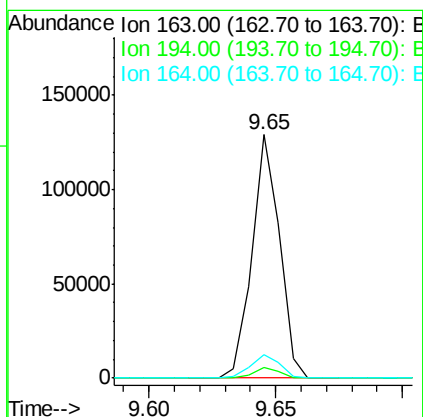
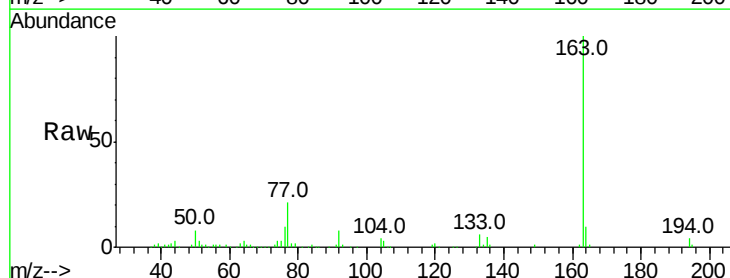
Instrument :
BNA_F
ClientSampleId :

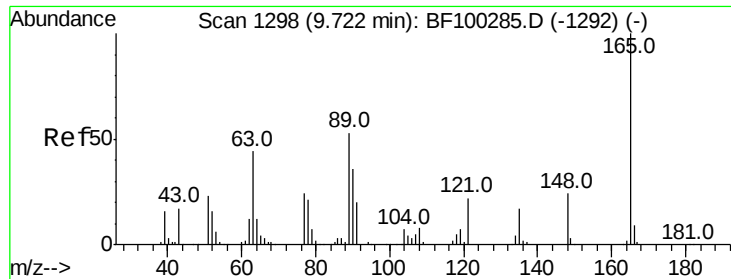
Tot Ion: 65 Resp: 122
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 3.813 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100333.D
Acq: 9 Nov 2017 11:14

Tgt Ion:163 Resp: 97482
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 9.6 8.2 12.2

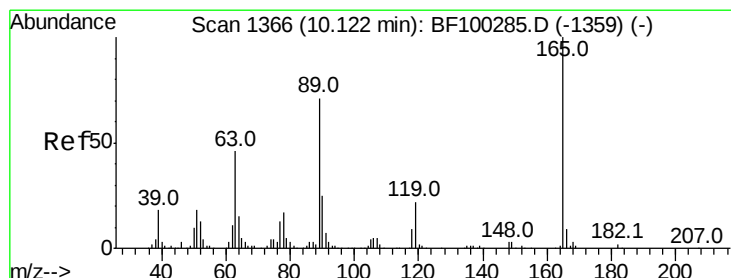
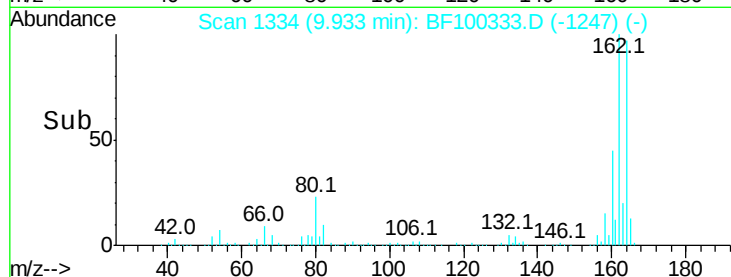
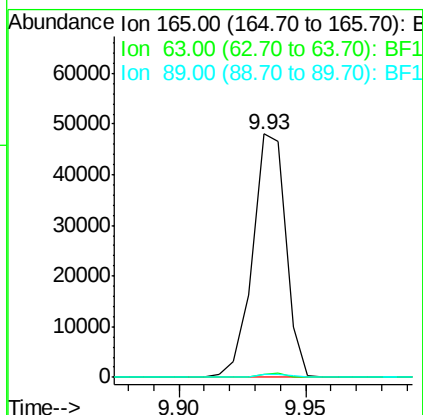
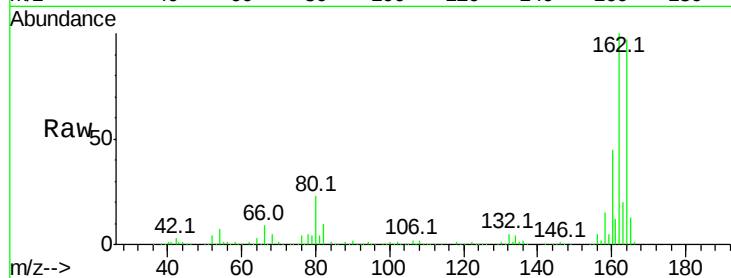




#50
 2,6-Dinitrotoluene
 Concen: 8.724 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.21 min
 Lab File: BF100333.D
 Acq: 9 Nov 2017 11:14

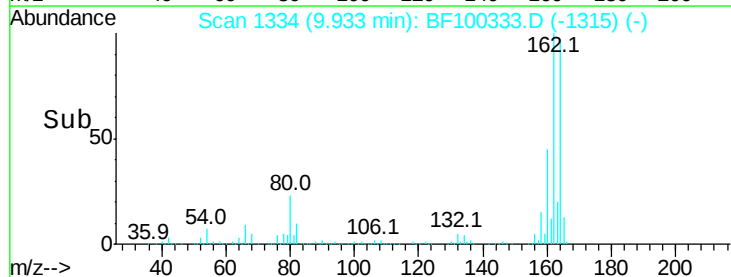
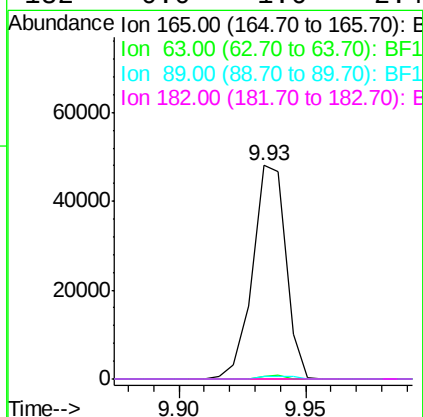
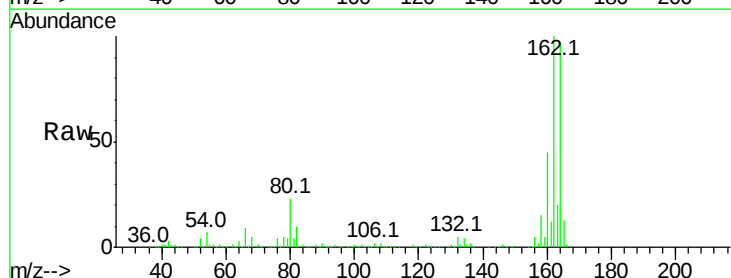
Instrument :
 BNA_F
 ClientSampleId :

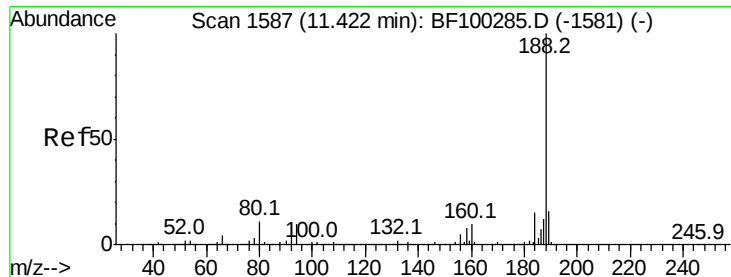
Tot Ion:165 Resp: 44150
 Ion Ratio Lower Upper
 165 100
 63 1.2 44.7 67.1#
 89 1.4 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.915 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.19 min
 Lab File: BF100333.D
 Acq: 9 Nov 2017 11:14

Tgt Ion:165 Resp: 44150
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#

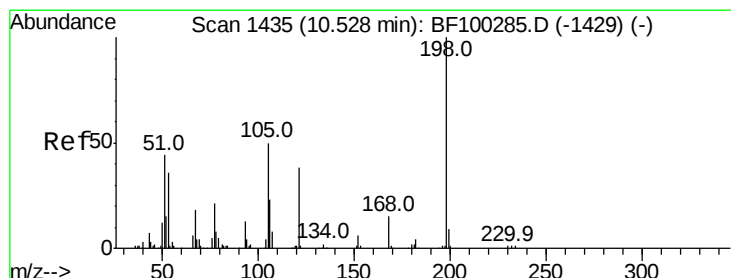
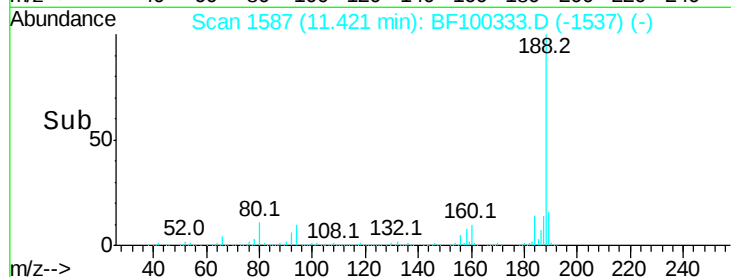
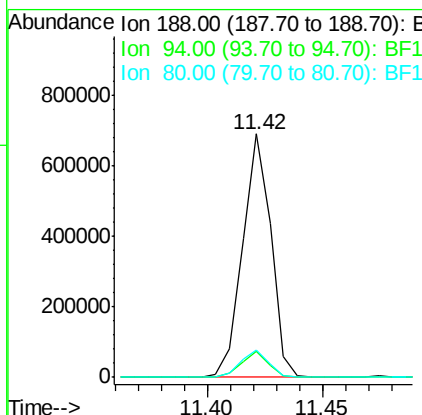
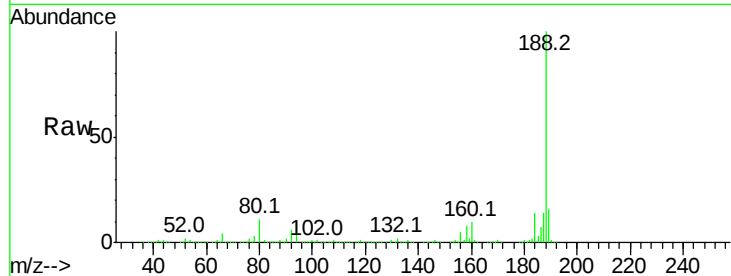




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100333.D
Acq: 9 Nov 2017 11:14

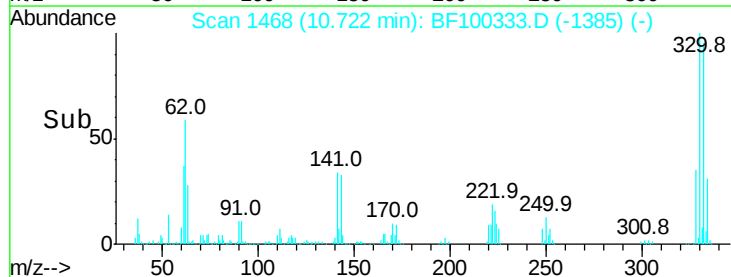
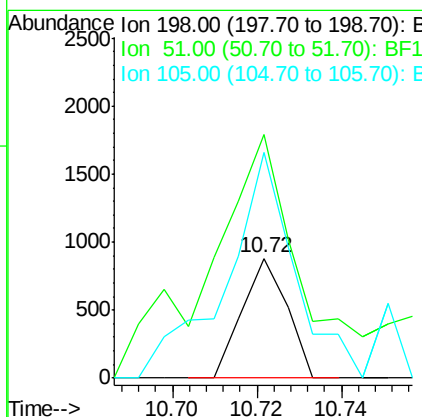
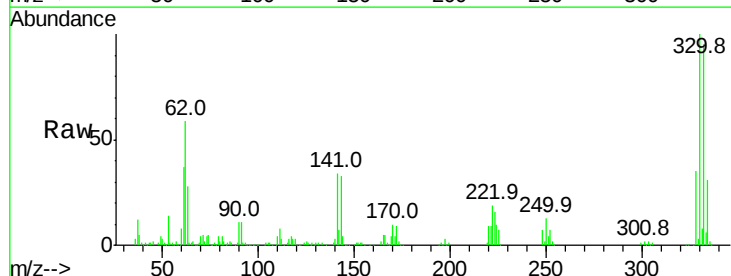
Instrument :
BNA_F
ClientSampled :

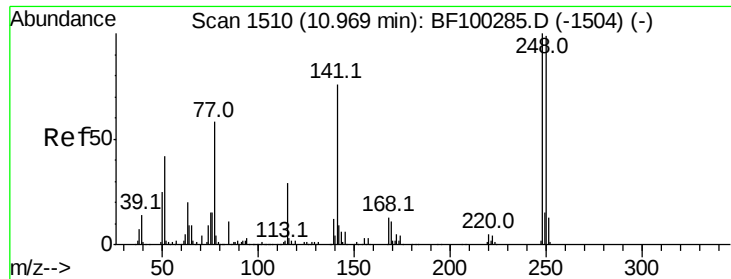
Tot Ion:188 Resp: 590080
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.749 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF100333.D
Acq: 9 Nov 2017 11:14

Tgt Ion:198 Resp: 650
Ion Ratio Lower Upper
198 100
51 203.9 37.7 77.7#
105 188.5 36.3 76.3#

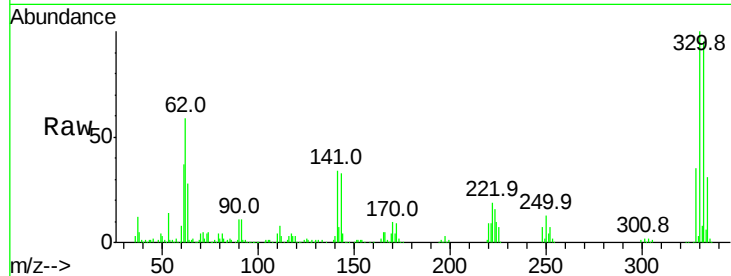




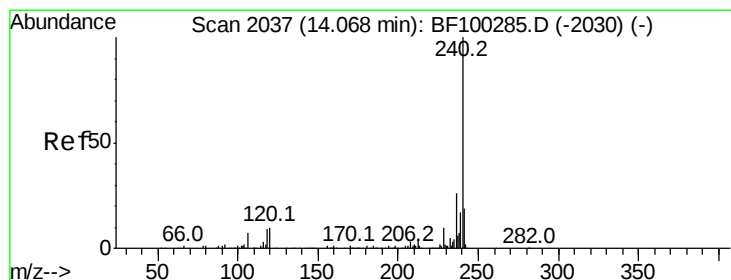
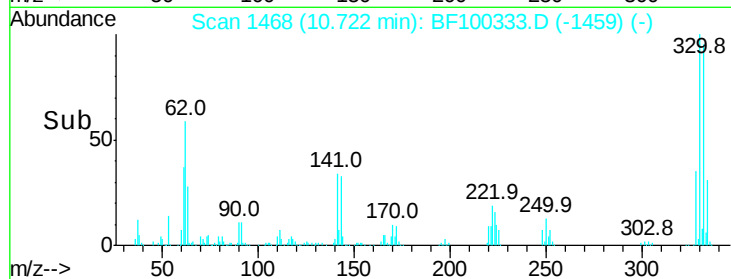
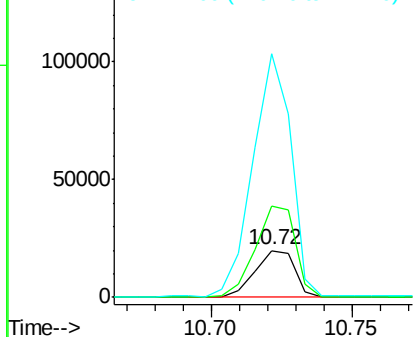
#66
 4-Bromophenyl-phenylether
 Concen: 3.065 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.25 min
 Lab File: BF100333.D
 Acq: 9 Nov 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 19390
 Ion Ratio Lower Upper
 248 100
 250 195.0 76.9 115.3#
 141 522.5 74.4 111.6#

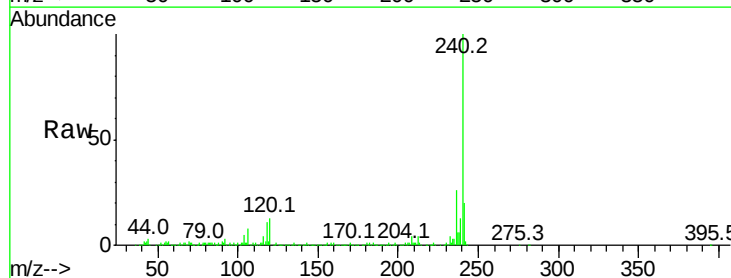


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

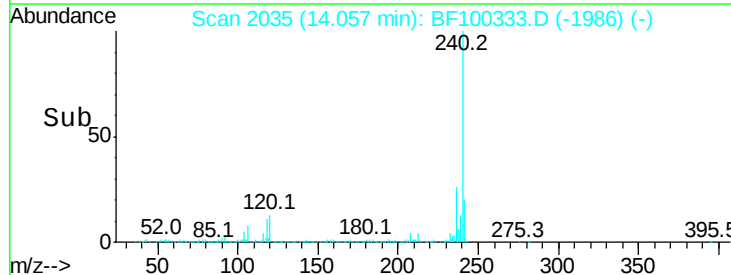
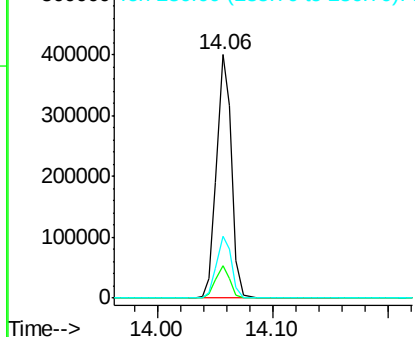


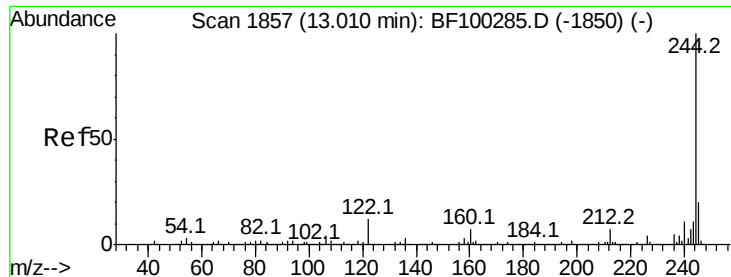
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF100333.D
 Acq: 9 Nov 2017 11:14

Tgt Ion:240 Resp: 359205
 Ion Ratio Lower Upper
 240 100
 120 13.2 9.5 14.3
 236 25.6 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

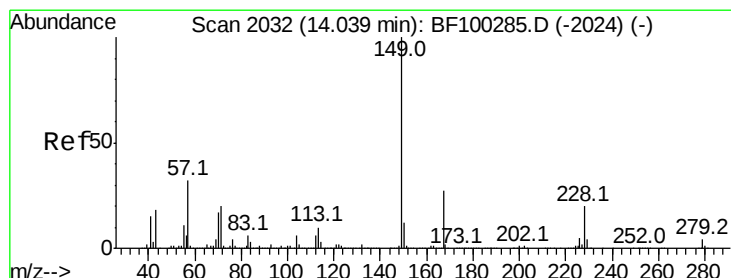
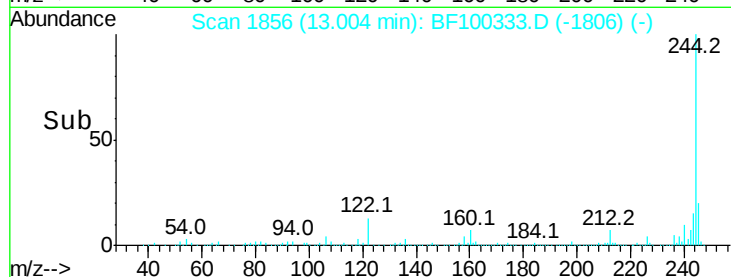
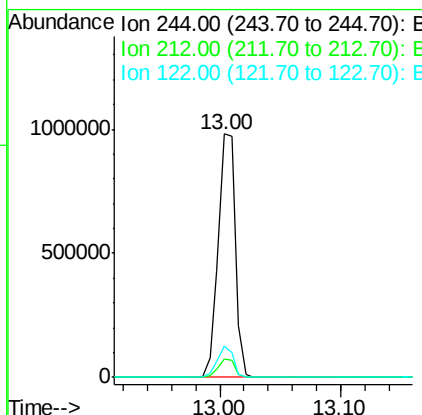
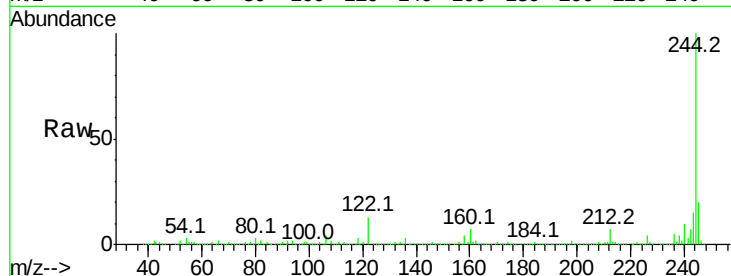




#78
 Terphenyl-d14
 Concen: 60.948 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF100333.D
 Acq: 9 Nov 2017 11:14

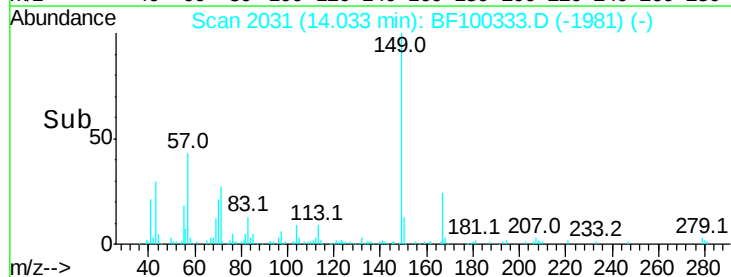
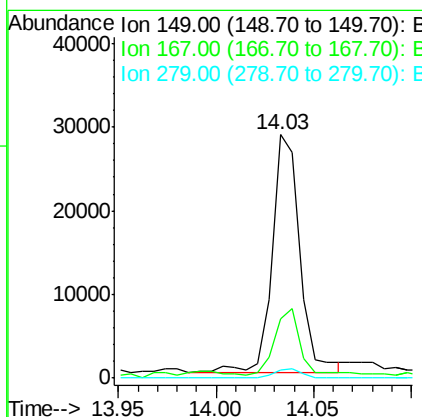
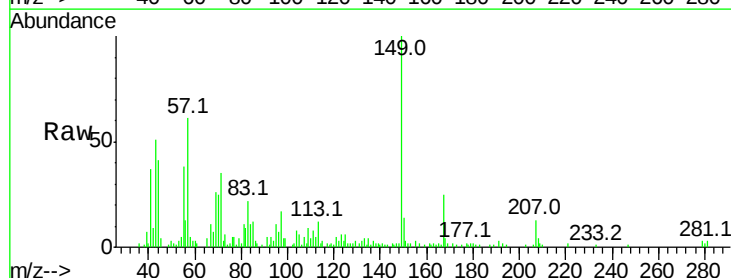
Instrument :
 BNA_F
 ClientSampled :

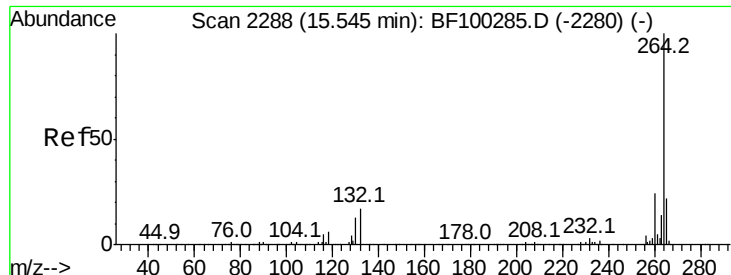
Tot Ion:244 Resp: 952804
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 12.7 11.0 16.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.038 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF100333.D
 Acq: 9 Nov 2017 11:14

Tgt Ion:149 Resp: 27990
 Ion Ratio Lower Upper
 149 100
 167 24.6 21.3 31.9
 279 3.1 3.0 4.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF100333.D
 Acq: 9 Nov 2017 11:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 418599
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.3 17.5 26.3

