

Data Path : U:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102265.D
 Acq On : 20 Jan 2018 14:59
 Operator : SJ/JU
 Sample : J1115-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 01:22:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

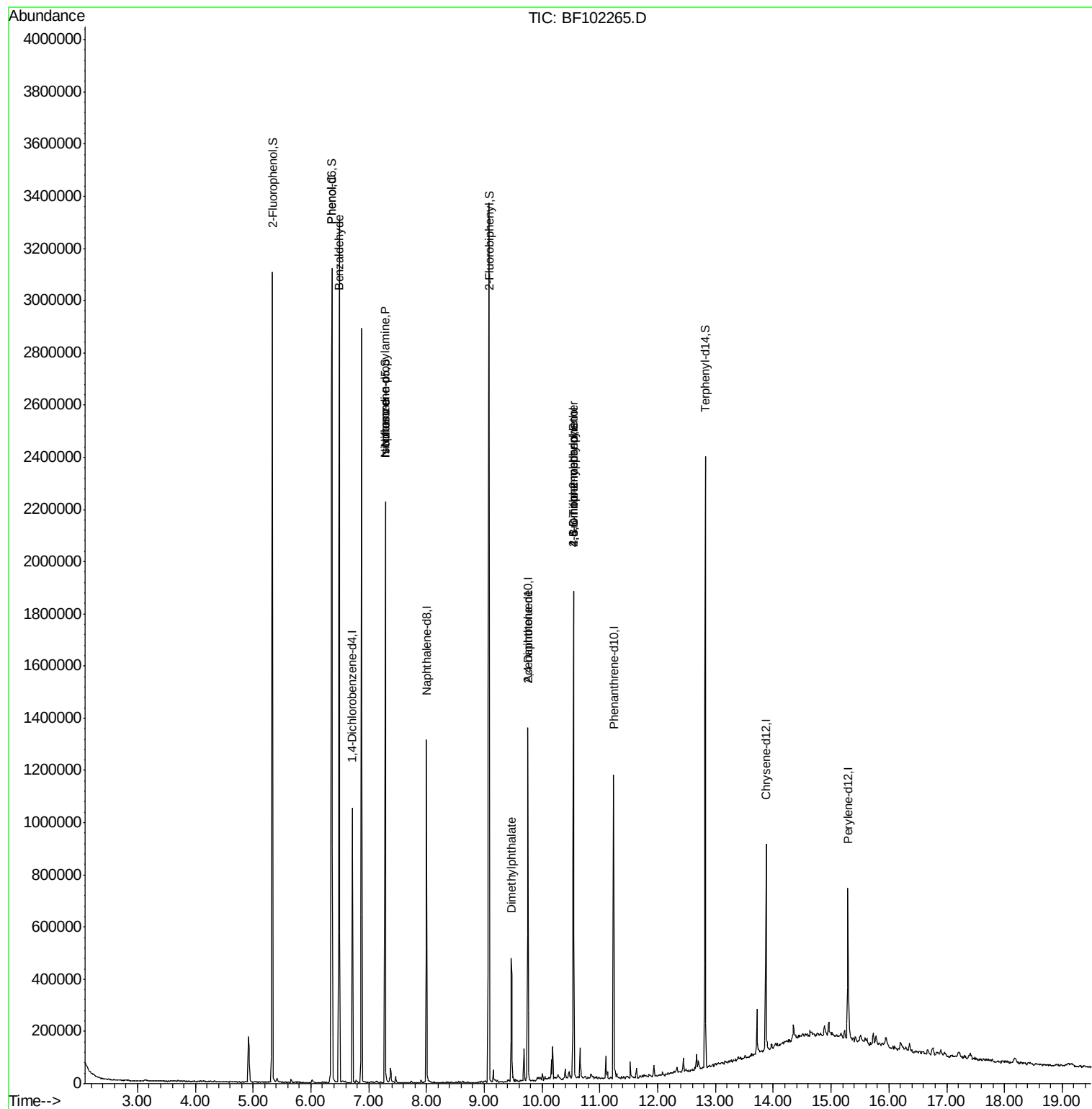
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147038	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	609228	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	262487	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	408344	20.00	ng	0.00
75) Chrysene-d12	13.87	240	271852	20.00	ng	0.00
86) Perylene-d12	15.29	264	241908	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	950179	91.25	ng	0.00
7) Phenol-d6	6.36	99	1138540	91.64	ng	0.00
23) Nitrobenzene-d5	7.29	82	713964	68.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	224938	98.20	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1107011	65.89	ng	0.00
78) Terphenyl-d14	12.82	244	746768	57.03	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	20389	2.364	ng	82
10) Phenol	6.37	94	46088	3.283	ng	# 72
19) n-Nitroso-di-n-propylamine	7.29	70	93168	11.443	ng	# 79
25) Isophorone	7.29	82	713952	34.852	ng	# 64
49) Dimethylphthalate	9.47	163	181463	8.618	ng	99
56) 2,4-Dinitrotoluene	9.75	165	32872	6.235	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	376	5.812	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	14227	3.299	ng	# 1

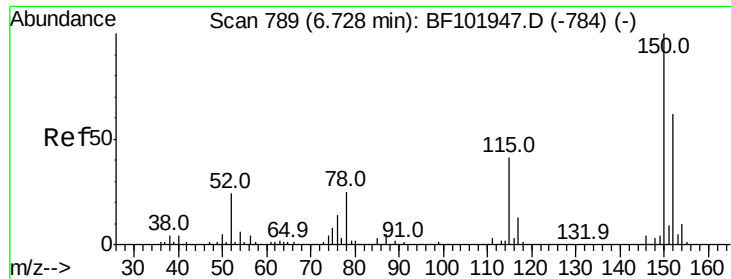
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : J1115-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Jan 22 01:22:20 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 19 13:31:35 2018
Response via : Initial Calibration



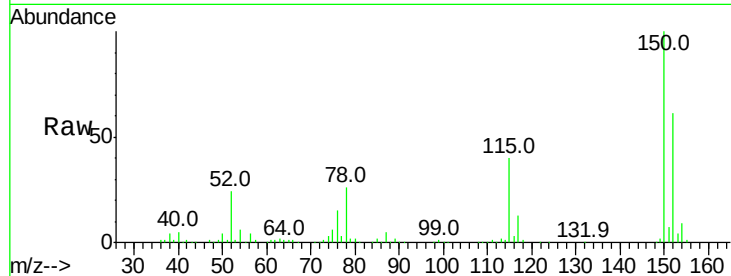


#1

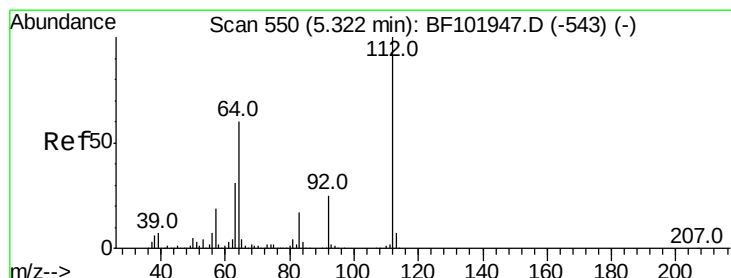
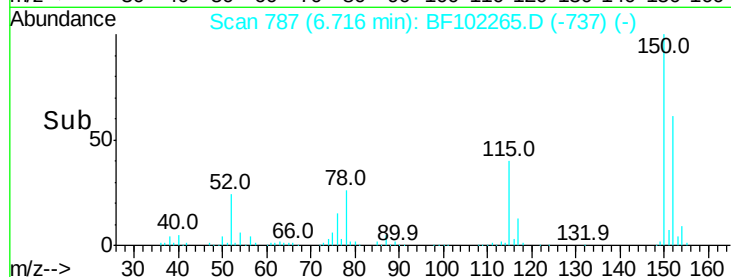
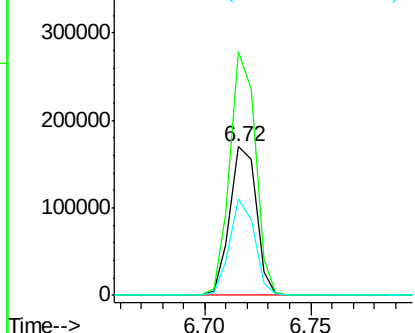
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF102265.D
 Acq: 20 Jan 2018 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.6	124.6	186.8
115	64.8	50.1	75.1



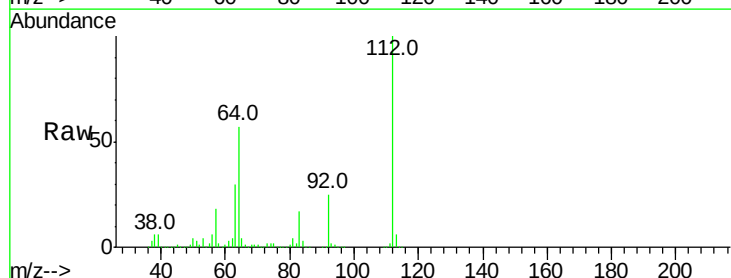
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



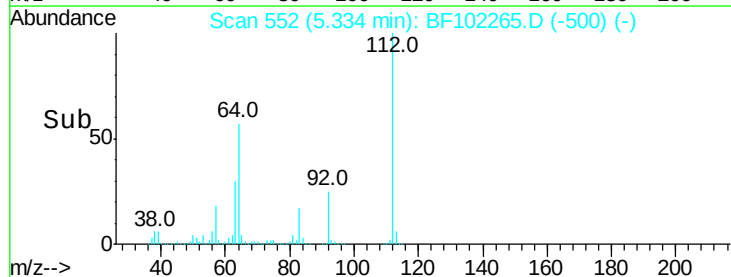
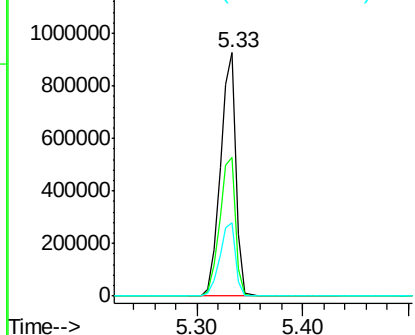
#5

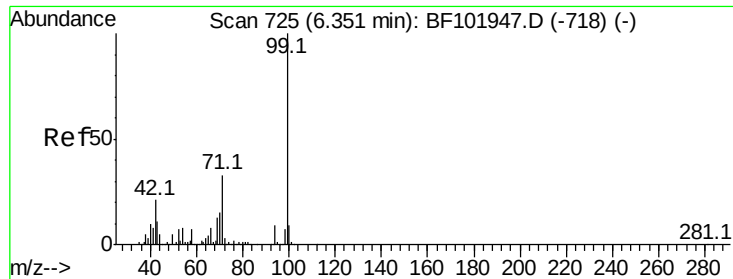
2-Fluorophenol
 Concen: 91.251 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102265.D
 Acq: 20 Jan 2018 14:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	30.1	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: 91.643 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102265.D

Acq: 20 Jan 2018 14:59

Instrument :

BNA_F

ClientSampled :

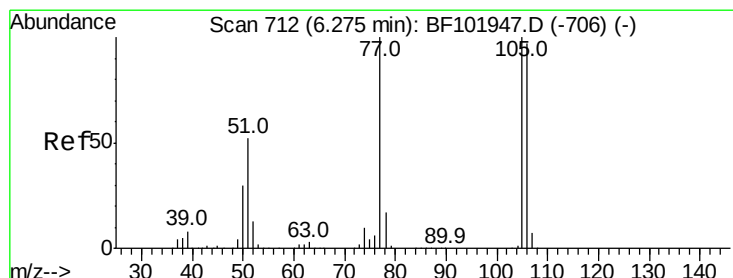
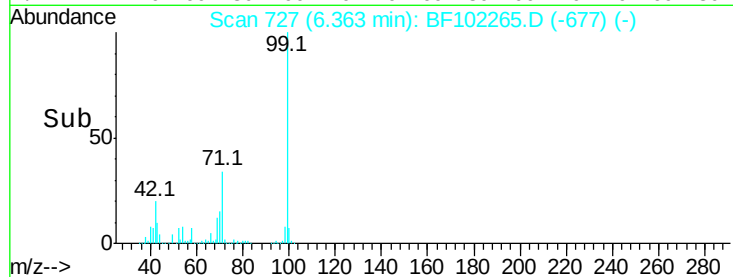
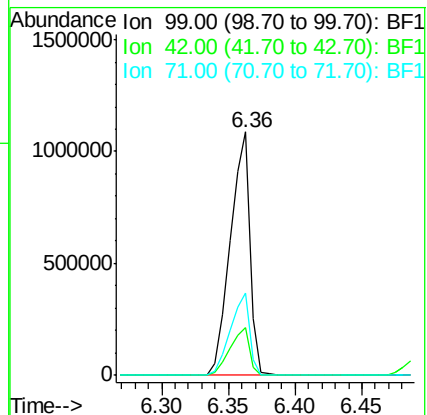
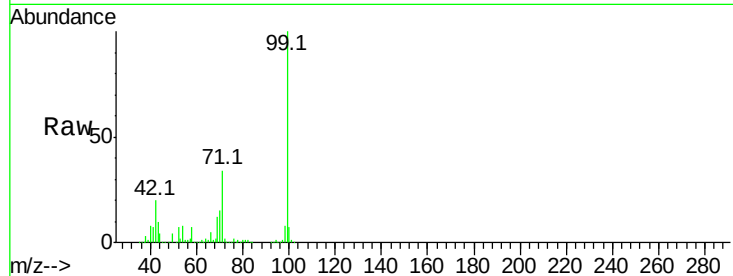
Tot Ion: 99 Resp: 1138540

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 33.9 25.4 38.0



#9

Benzaldehyde

Concen: 2.364 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF102265.D

Acq: 20 Jan 2018 14:59

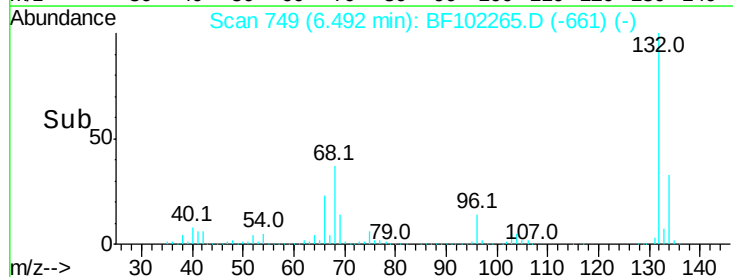
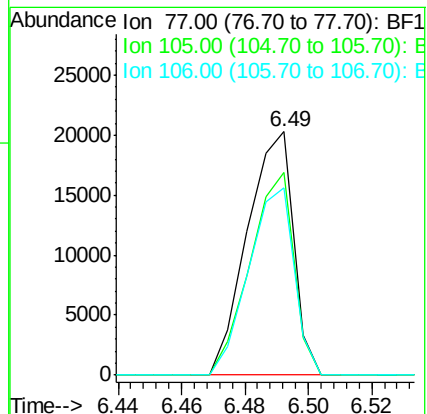
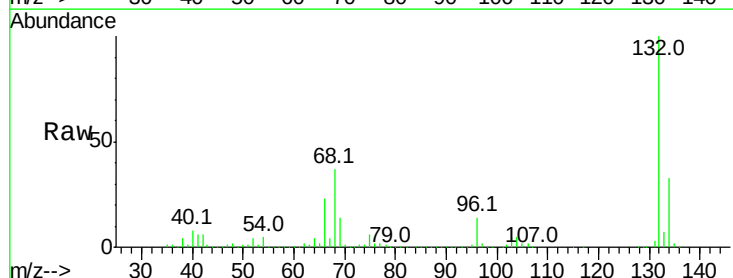
Tgt Ion: 77 Resp: 20389

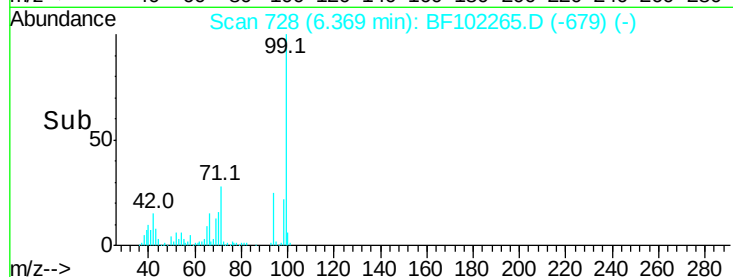
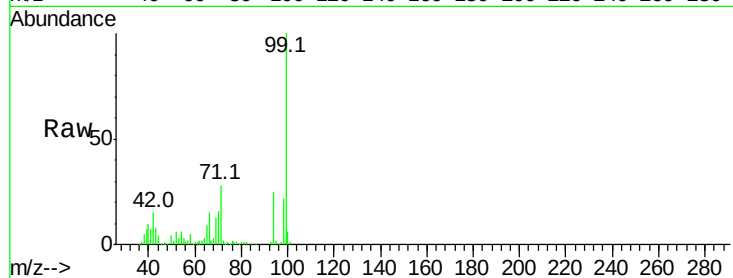
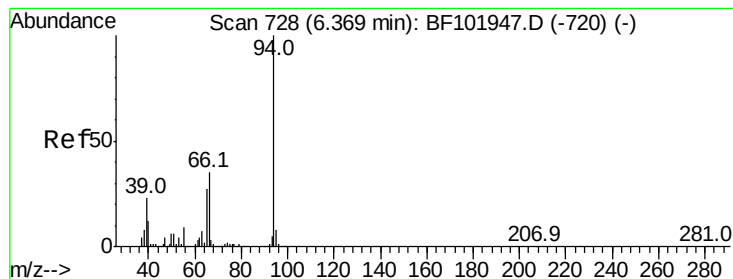
Ion Ratio Lower Upper

77 100

105 83.1 81.1 121.1

106 76.9 74.5 114.5





#10

Phenol

Concen: 3.283 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102265.D

Acq: 20 Jan 2018 14:59

Instrument :

BNA_F

ClientSampleId :

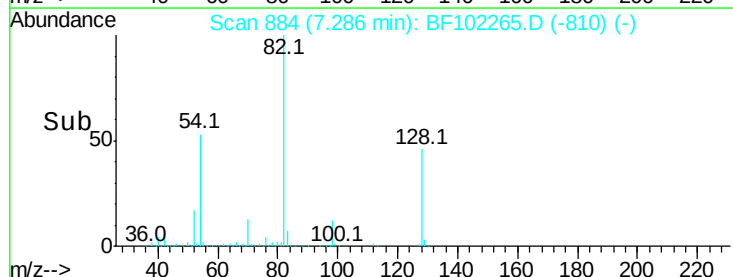
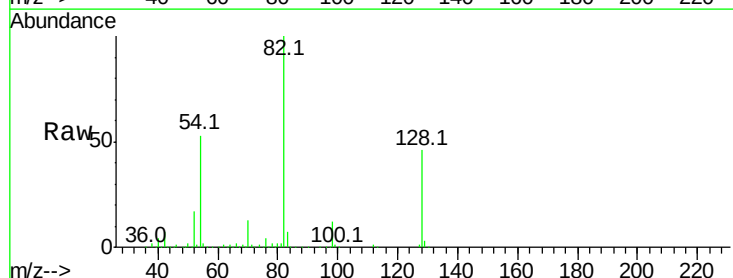
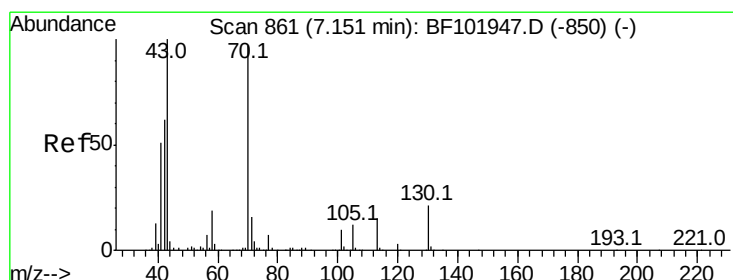
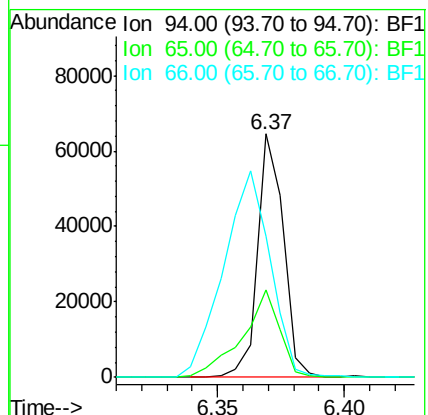
Tot Ion: 94 Resp: 46088

Ion Ratio Lower Upper

94 100

65 36.1 7.9 47.9

66 57.9 16.2 56.2#



#19

n-Nitroso-di-n-propylamine

Concen: 11.443 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102265.D

Acq: 20 Jan 2018 14:59

Tgt Ion: 70 Resp: 93168

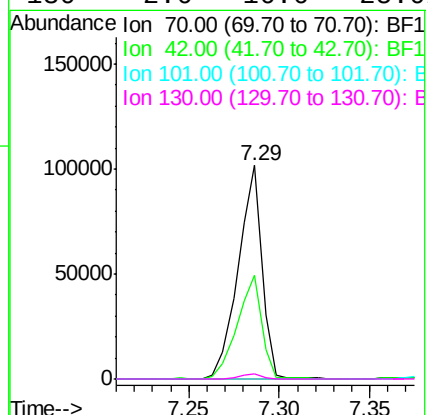
Ion Ratio Lower Upper

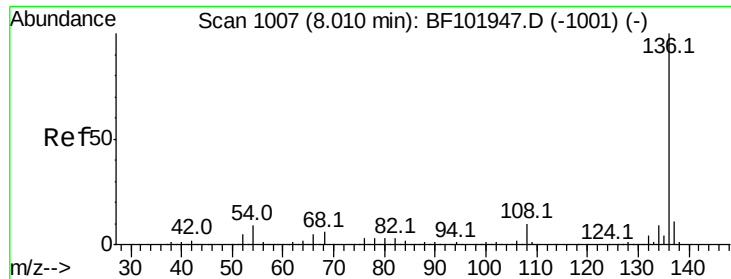
70 100

42 48.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

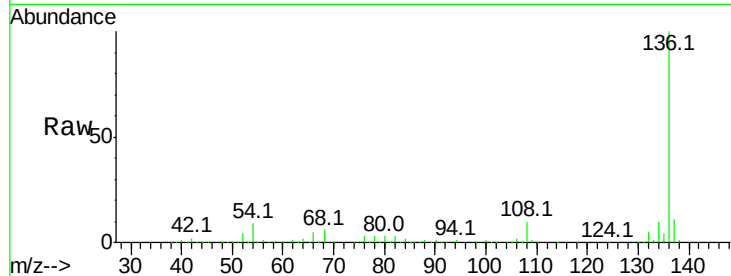




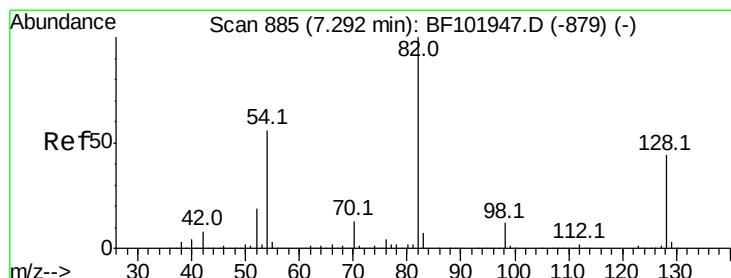
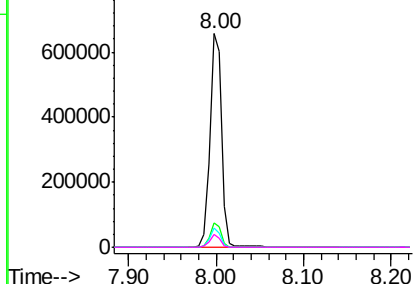
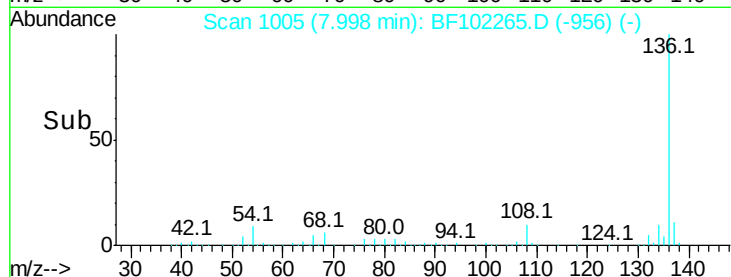
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102265.D
Acq: 20 Jan 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	609228
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.9	6.6	9.8
68	6.1	5.0	7.4

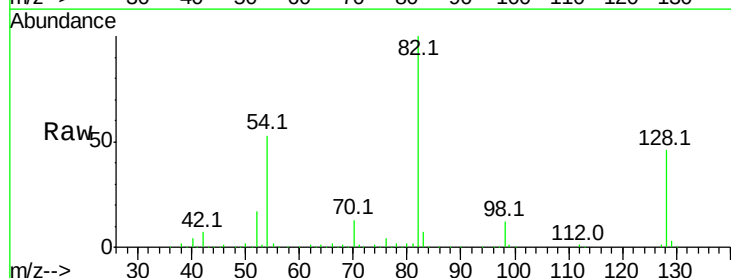


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

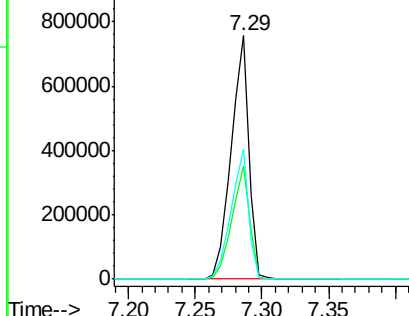
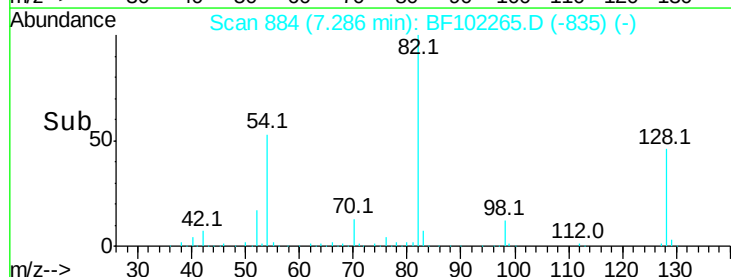


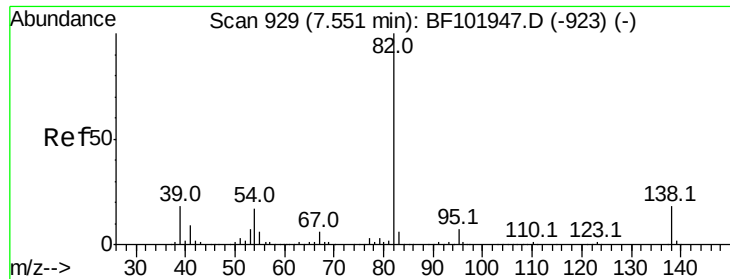
#23
Nitrobenzene-d5
Concen: 68.867 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102265.D
Acq: 20 Jan 2018 14:59

Tgt Ion:	82	Resp:	713964
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	53.4	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: 34.852 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102265.D

Acq: 20 Jan 2018 14:59

Instrument :

BNA_F

ClientSampleId :

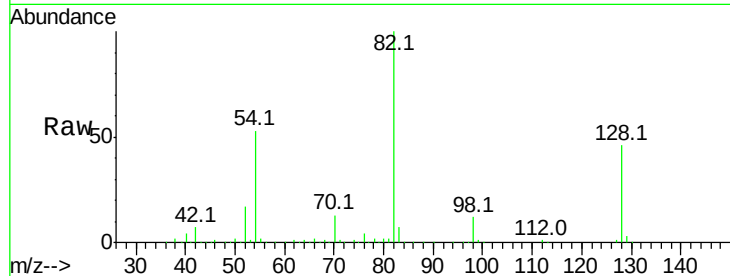
Tot Ion: 82 Resp: 713952

Ion Ratio Lower Upper

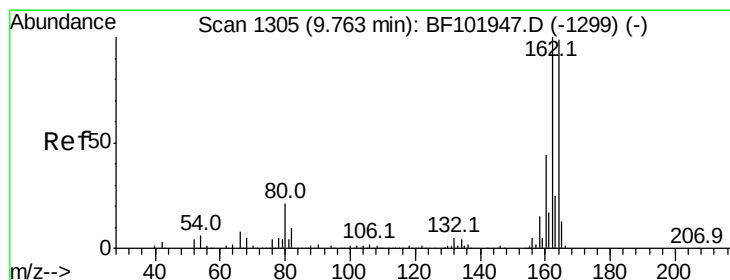
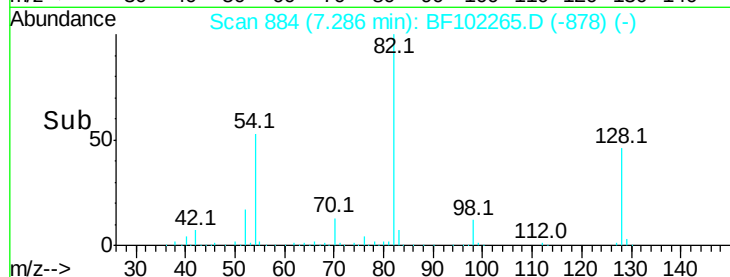
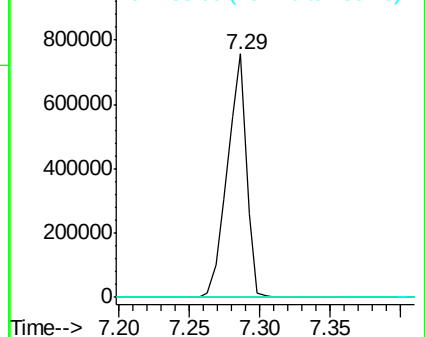
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102265.D

Acq: 20 Jan 2018 14:59

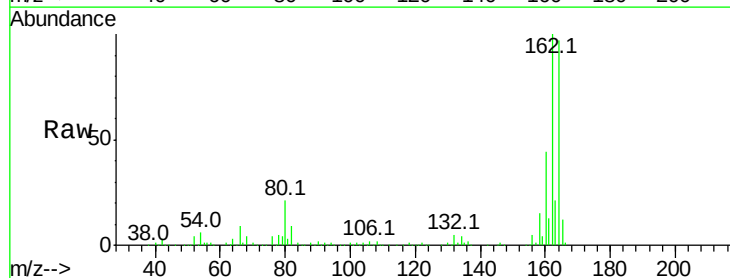
Tgt Ion:164 Resp: 262487

Ion Ratio Lower Upper

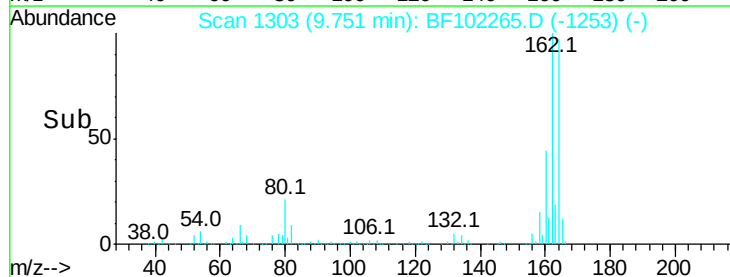
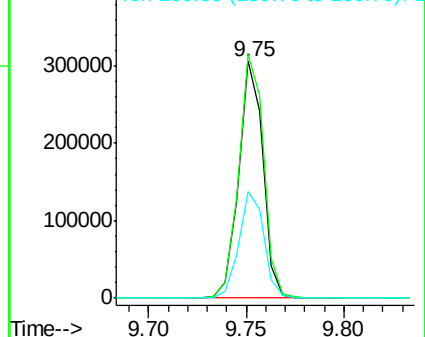
164 100

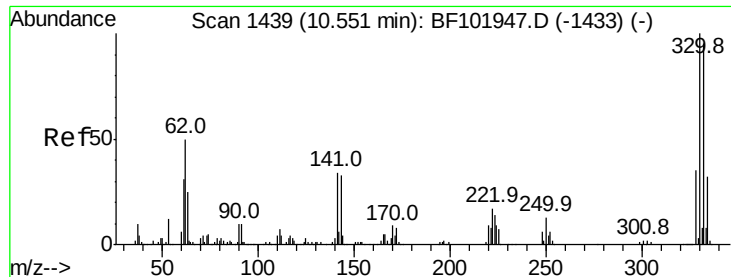
162 102.7 86.1 129.1

160 44.8 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

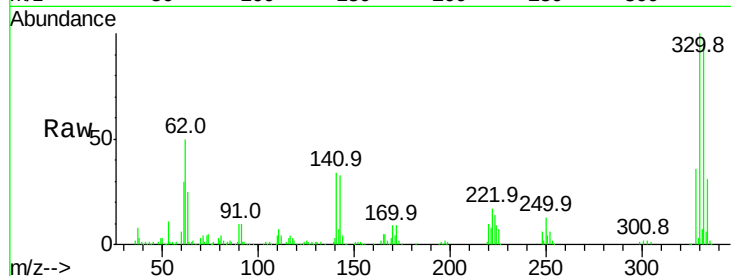




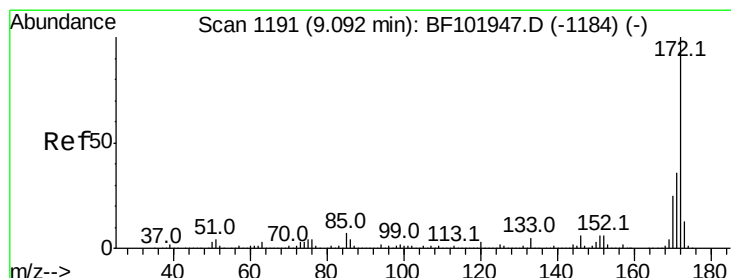
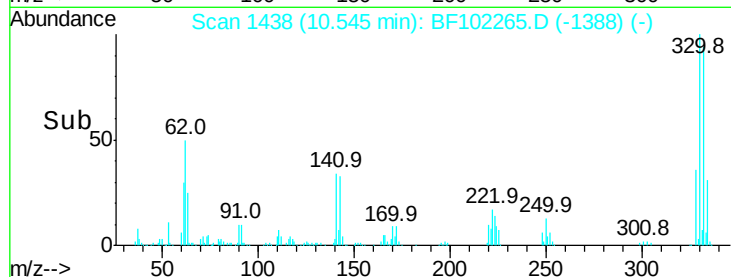
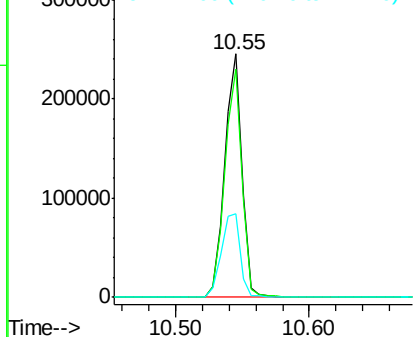
#41
 2,4,6-Tribromophenol
 Concen: 98.197 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102265.D
 Acq: 20 Jan 2018 14:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	37.8	29.9	44.9

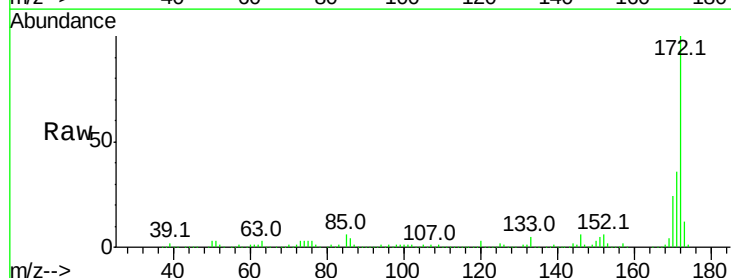


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

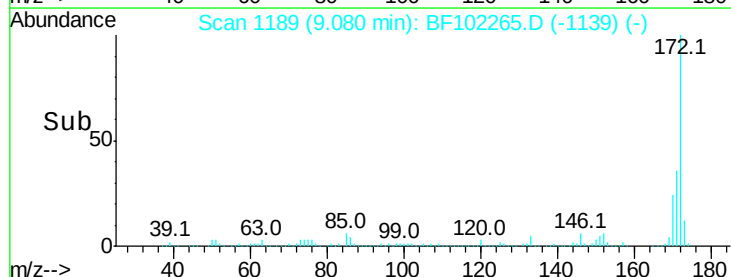
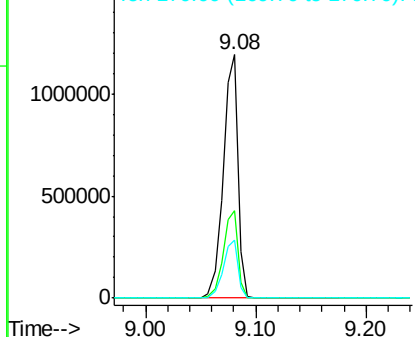


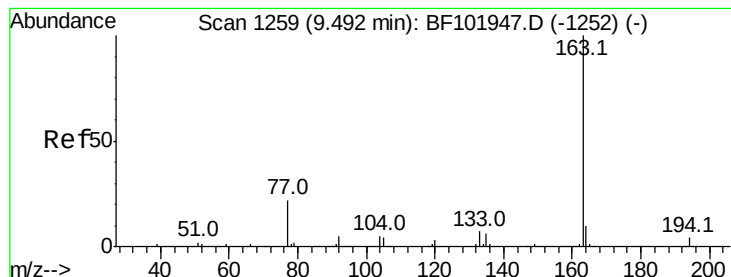
#44
 2-Fluorobiphenyl
 Concen: 65.887 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102265.D
 Acq: 20 Jan 2018 14:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	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





#49

Dimethylphthalate

Concen: 8.618 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF102265.D

Acq: 20 Jan 2018 14:59

Instrument :

BNA_F

ClientSampled :

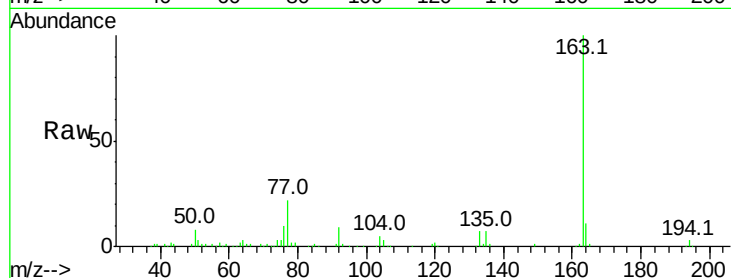
Tot Ion:163 Resp: 181463

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

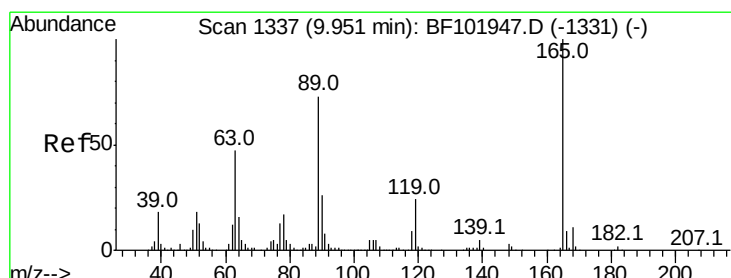
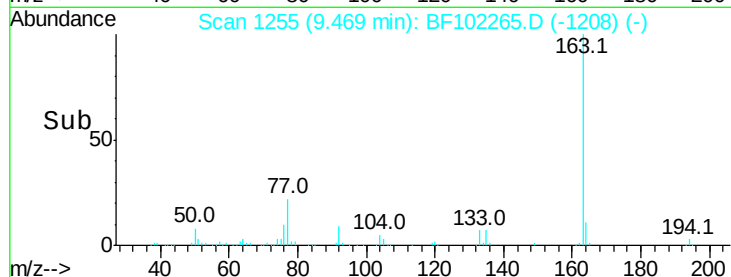
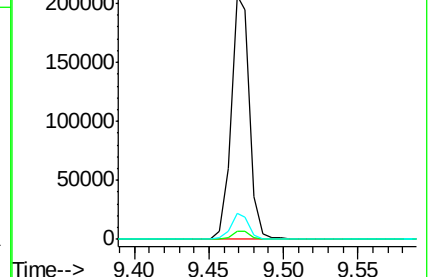
164 10.8 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.235 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.21 min

Lab File: BF102265.D

Acq: 20 Jan 2018 14:59

Tgt Ion:165 Resp: 32872

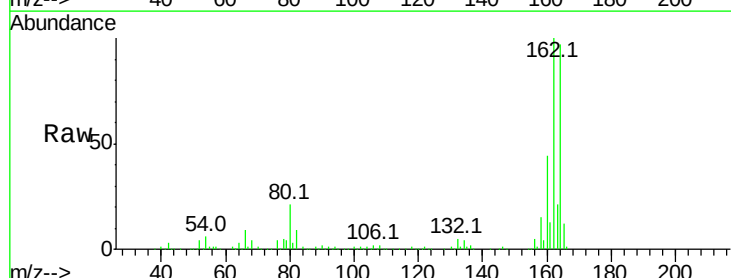
Ion Ratio Lower Upper

165 100

63 1.7 36.4 54.6#

89 1.0 57.8 86.6#

182 0.0 1.6 2.4#

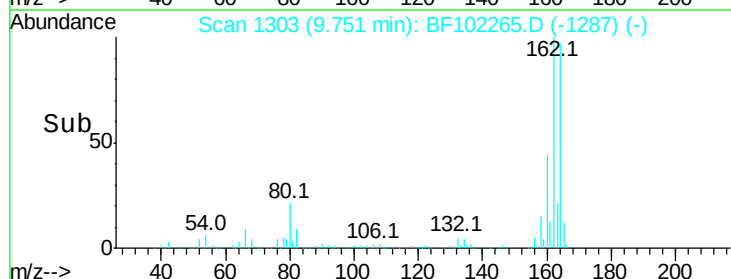
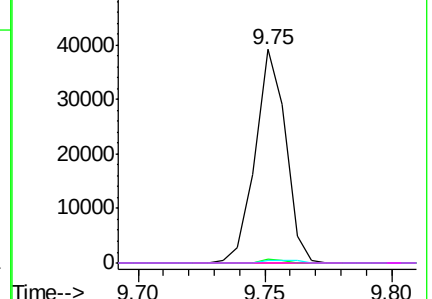


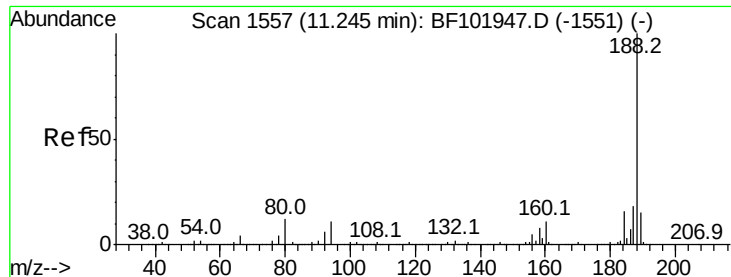
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

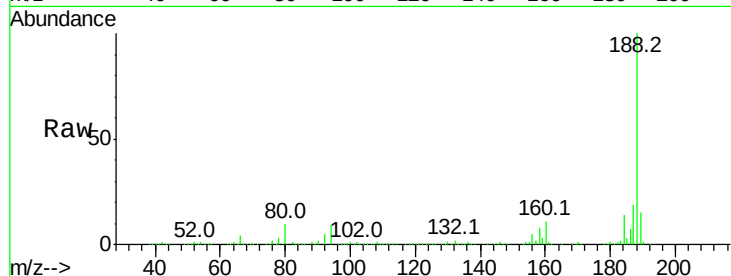




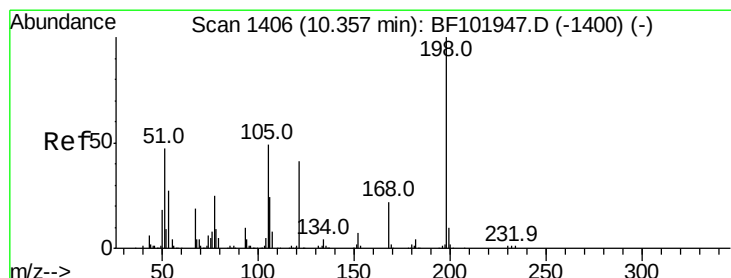
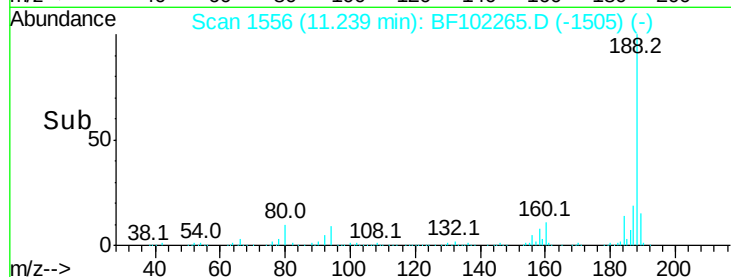
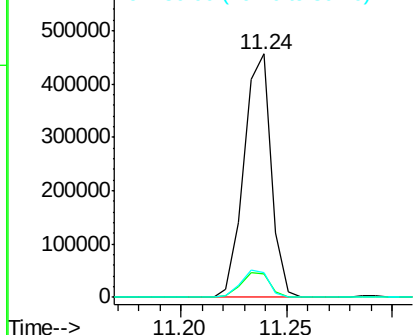
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102265.D
Acq: 20 Jan 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 408344
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.1 9.2 13.8

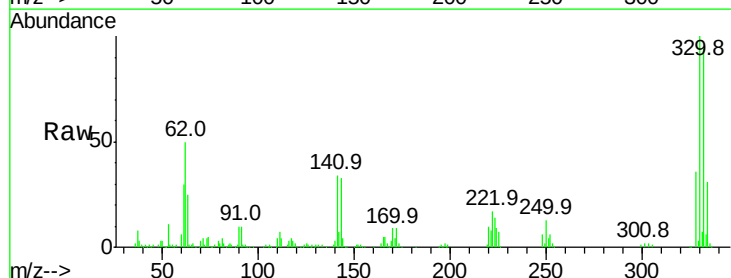


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

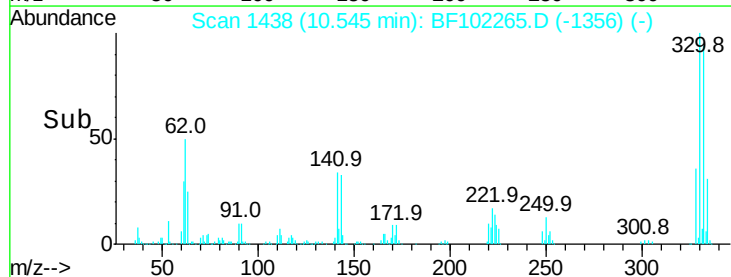
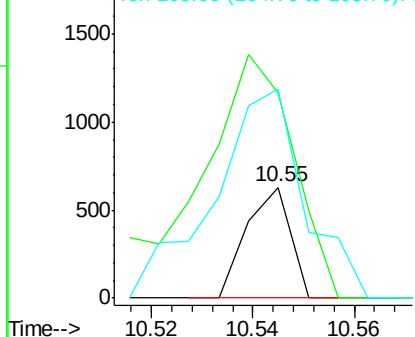


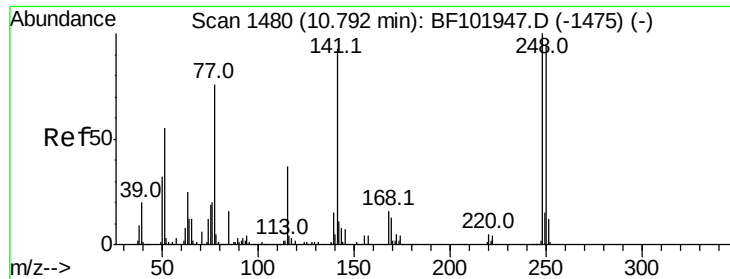
#64
4,6-Dinitro-2-methylphenol
Concen: 5.812 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF102265.D
Acq: 20 Jan 2018 14:59

Tgt Ion:198 Resp: 376
Ion Ratio Lower Upper
198 100
51 185.4 37.7 77.7#
105 188.9 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

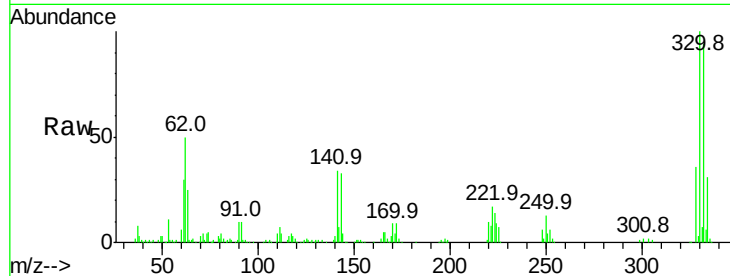




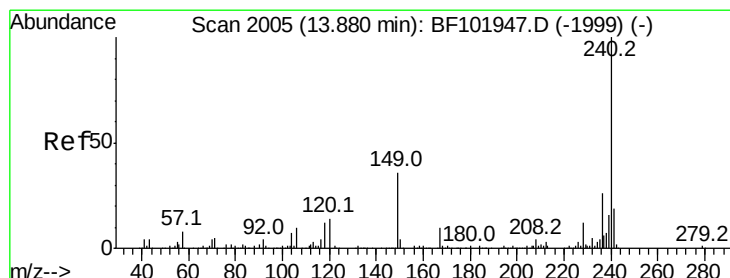
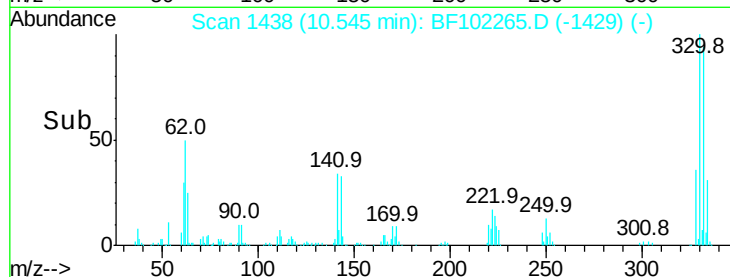
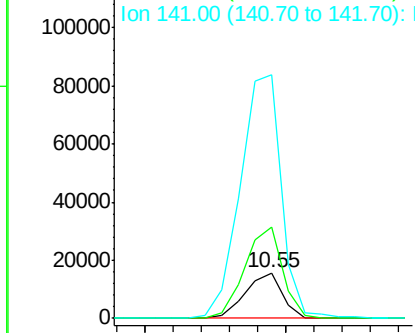
#66
4-Bromophenyl-phenylether
Concen: 3.299 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF102265.D
Acq: 20 Jan 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 14227
Ion Ratio Lower Upper
248 100
250 201.0 76.9 115.3#
141 533.3 74.4 111.6#

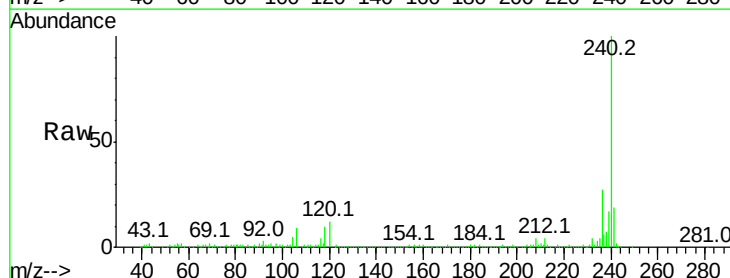


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

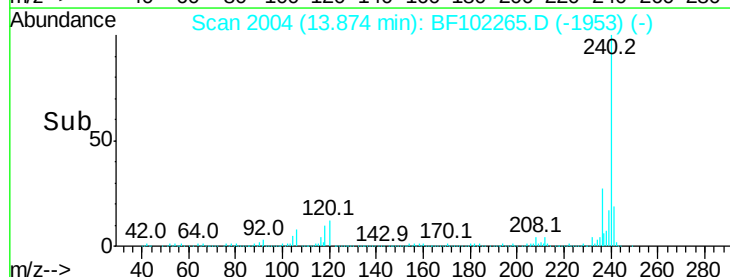
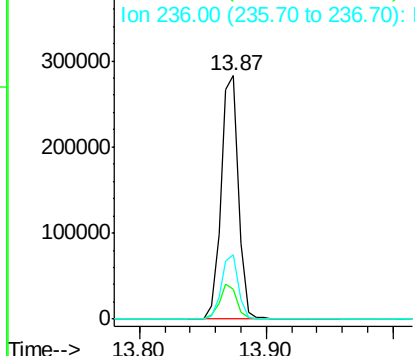


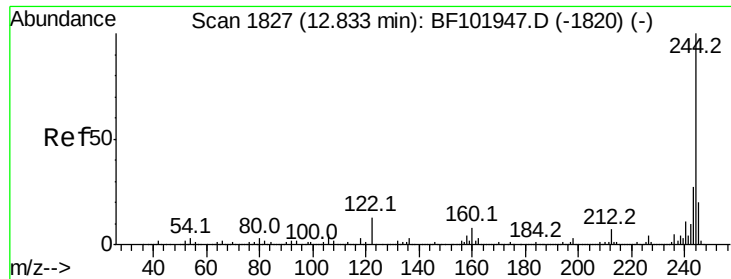
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF102265.D
Acq: 20 Jan 2018 14:59

Tgt Ion:240 Resp: 271852
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 26.6 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: 57.034 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102265.D

Acq: 20 Jan 2018 14:59

Instrument :

BNA_F

ClientSampleId :

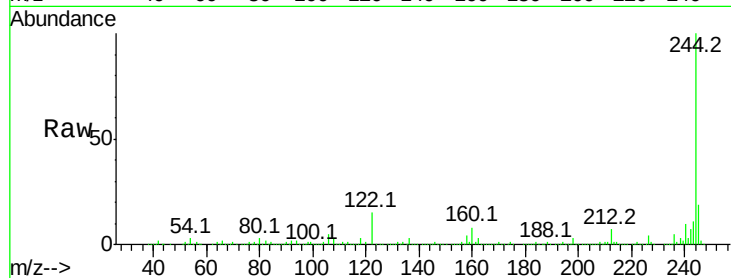
Tot Ion:244 Resp: 746768

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

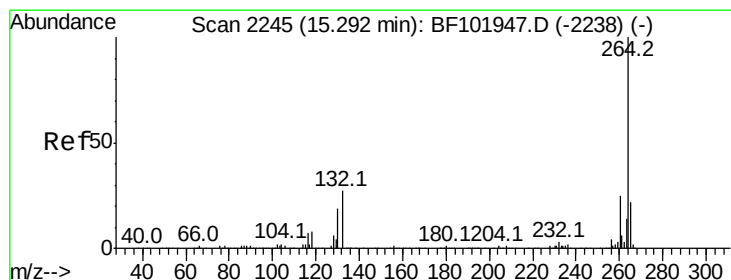
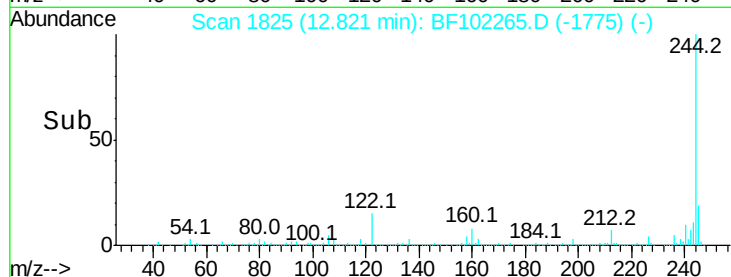
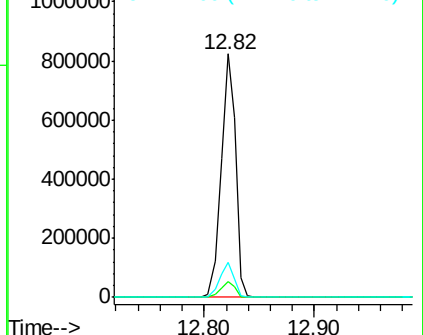
122 14.5 11.0 16.4



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: 15.29 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BF102265.D

Acq: 20 Jan 2018 14:59

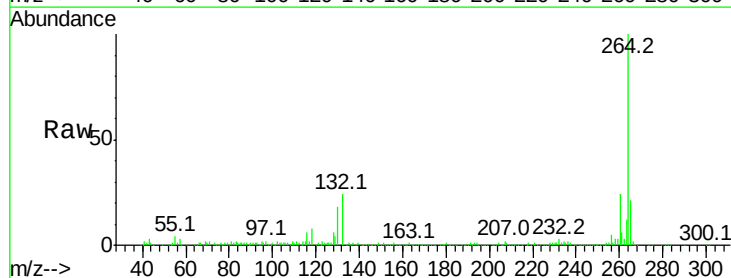
Tgt Ion:264 Resp: 241908

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.1 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

