

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103289.D
 Acq On : 28 Feb 2018 3:47
 Operator : SJ/JU
 Sample : J1683-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 05:49:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	136990	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	554073	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	216492	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	318251	20.00	ng	0.00
75) Chrysene-d12	14.05	240	228204	20.00	ng	0.00
86) Perylene-d12	15.55	264	179965	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	618178	68.25	ng	0.00
7) Phenol-d6	6.50	99	442003	39.88	ng	0.00
23) Nitrobenzene-d5	7.44	82	966370	99.60	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	214027	116.80	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1361756	119.19	ng	0.00
78) Terphenyl-d14	12.99	244	946823	99.74	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	964	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.44	70	129322	18.75	ng	79
25) Isophorone	7.44	82	961223	50.30	ng	64
32) Benzoic acid	8.13	122	125	6.93	ng	59
49) Dimethylphthalate	9.62	163	36158	2.08	ng	97
50) 2,6-Dinitrotoluene	9.91	165	27687	7.60	ng	26
56) 2,4-Dinitrotoluene	9.91	165	27687	6.01	ng	24
59) Diethylphthalate	10.32	149	58941	3.55	ng	98
64) 4,6-Dinitro-2-methylphenol	10.70	198	127	5.00	ng	1
66) 4-Bromophenyl-phenylether	10.70	248	13882	4.19	ng	1

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

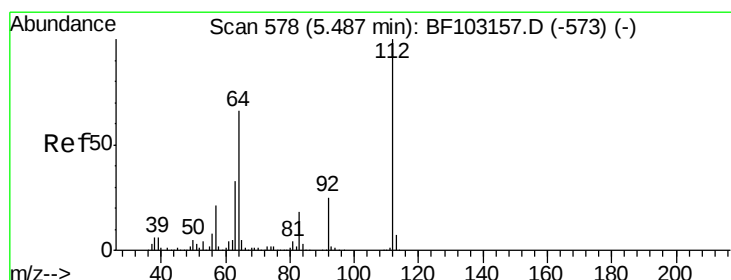
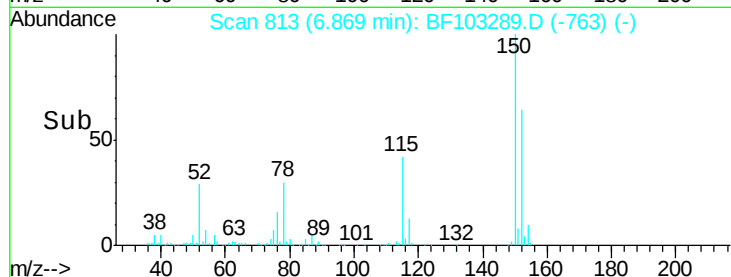
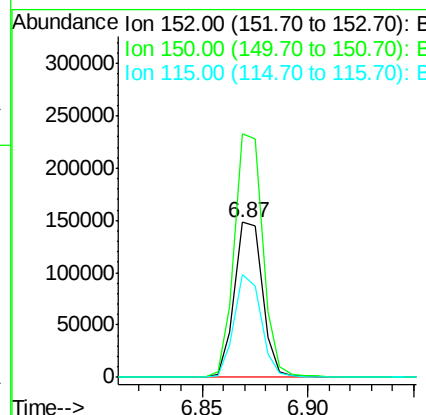
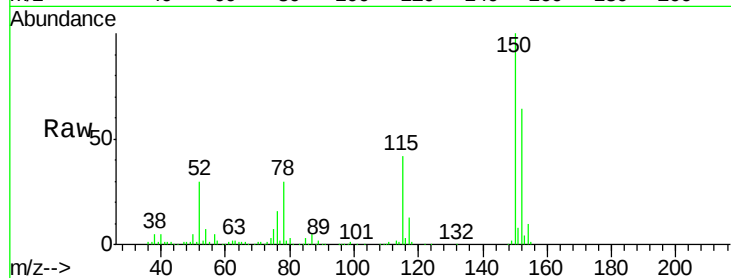


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF103289.D
Acq: 28 Feb 2018 3:47

Instrument :
BNA_F
ClientSampleId :

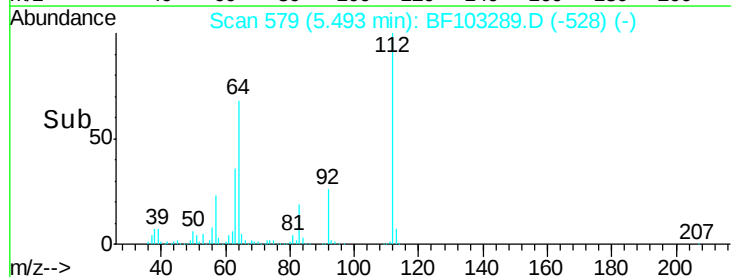
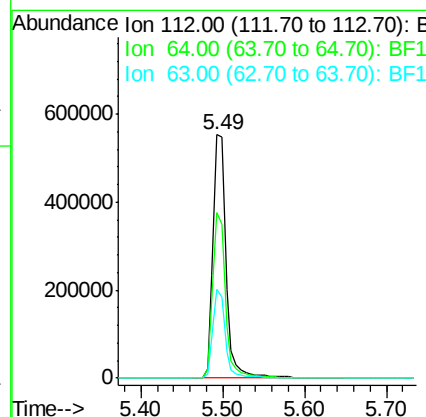
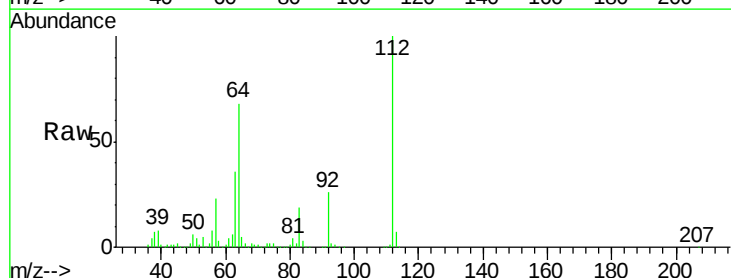
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	66.3	50.1	75.1

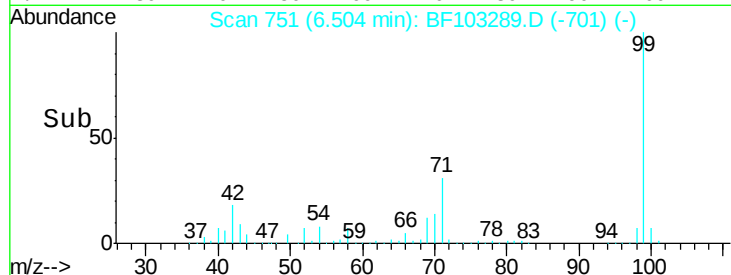
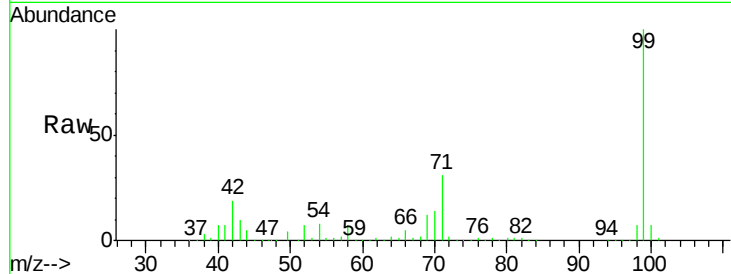


#5

2-Fluorophenol
Concen: 68.25 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF103289.D
Acq: 28 Feb 2018 3:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	47.9	71.9
63	36.3	23.7	35.5#





#7

Phenol-d6

Concen: 39.88 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103289.D

Acq: 28 Feb 2018 3:47

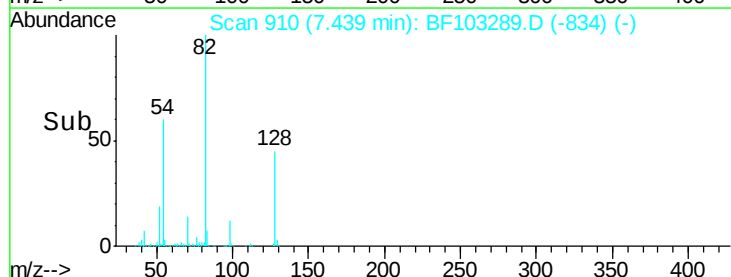
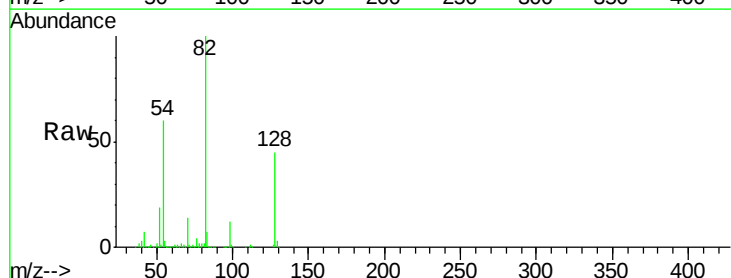
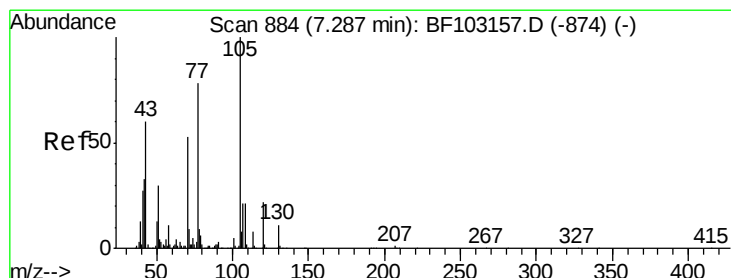
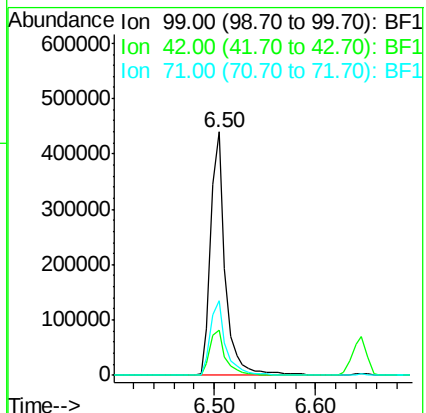
Tot Ion: 99 Resp: 442003

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 30.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.75 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103289.D

Acq: 28 Feb 2018 3:47

Tgt Ion: 70 Resp: 129322

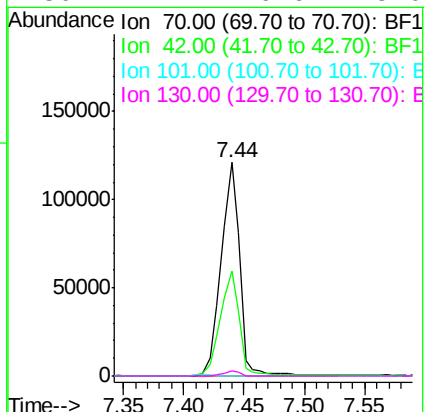
Ion Ratio Lower Upper

70 100

42 48.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

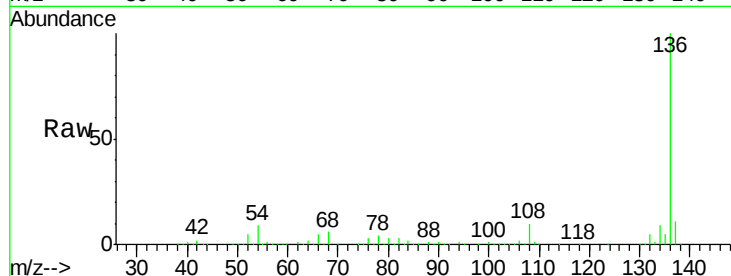




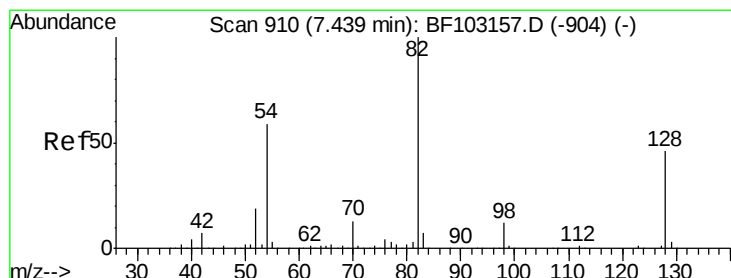
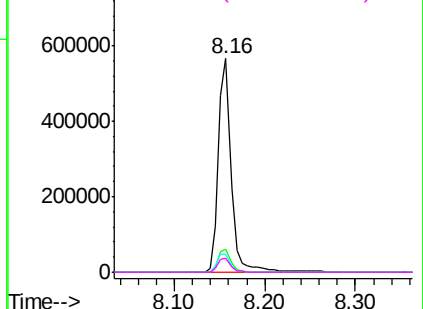
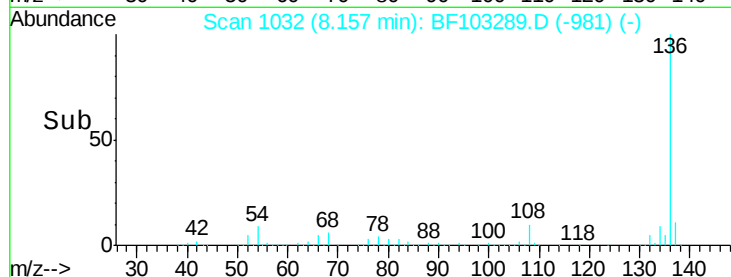
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103289.D
Acq: 28 Feb 2018 3:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	554073
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	8.7	6.6 9.8
68	6.4	5.0 7.4

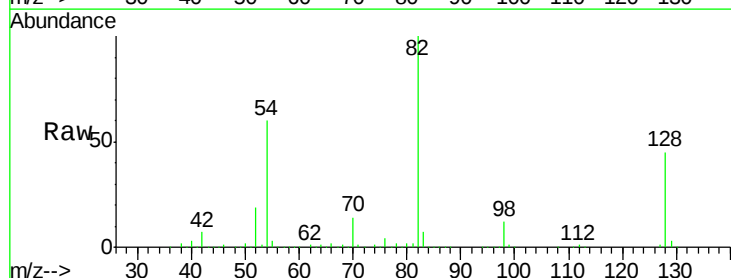


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

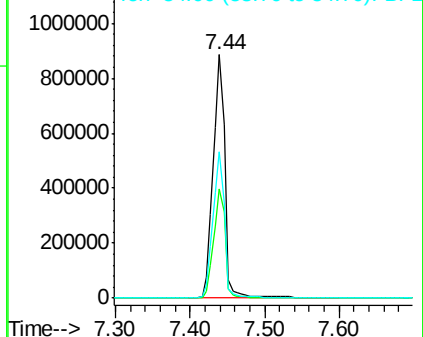
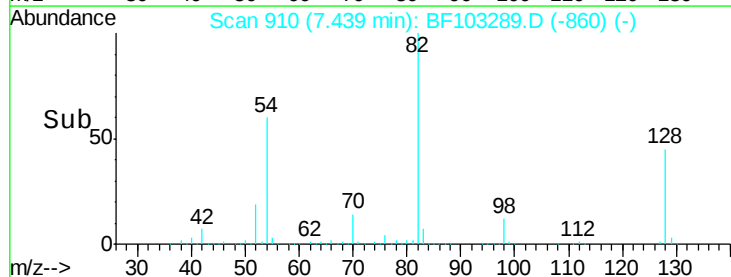


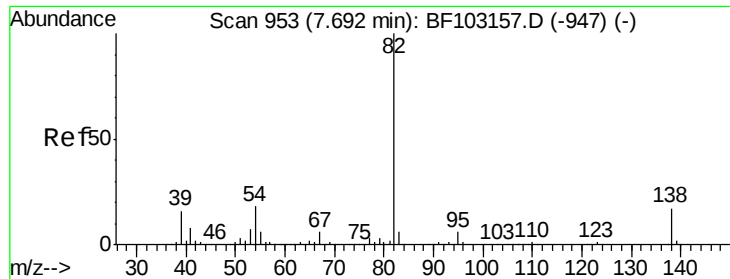
#23
Nitrobenzene-d5
Concen: 99.60 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103289.D
Acq: 28 Feb 2018 3:47

Tgt Ion: 82	Resp:	966370
Ion Ratio	Lower	Upper
82	100	
128	44.9	36.1 54.1
54	60.0	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: 50.30 ng

RT: 7.44 min Scan# 910

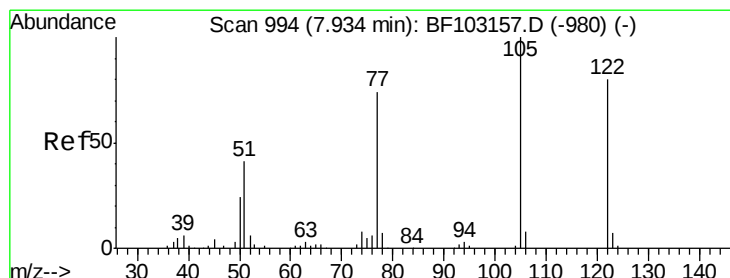
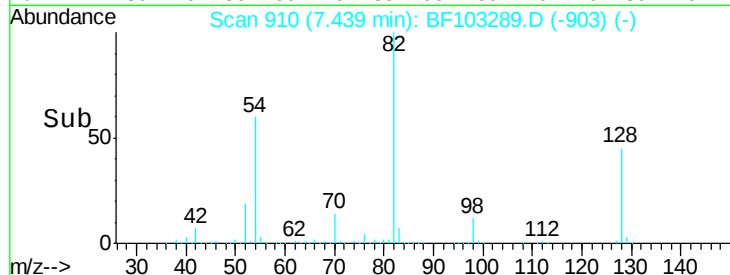
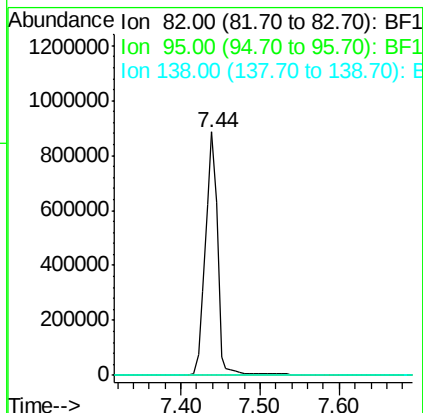
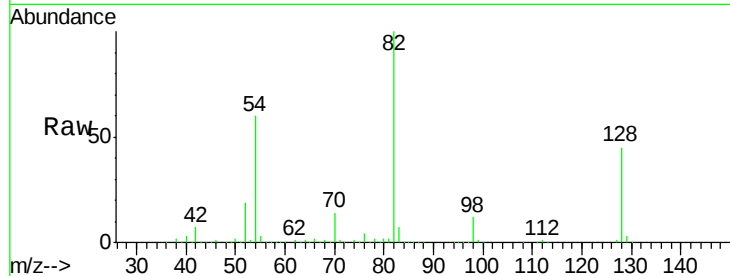
Delta R.T. -0.26 min

Lab File: BF103289.D

Acq: 28 Feb 2018 3:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 961223
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#



#32

Benzoic acid

Concen: 6.93 ng

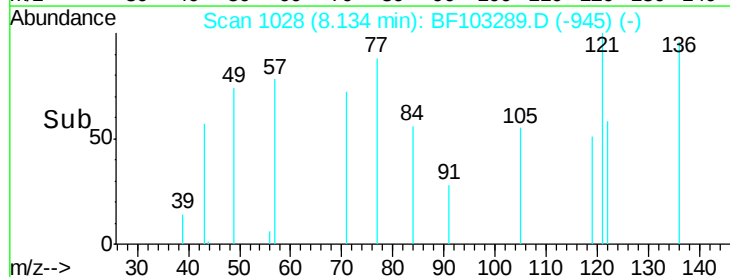
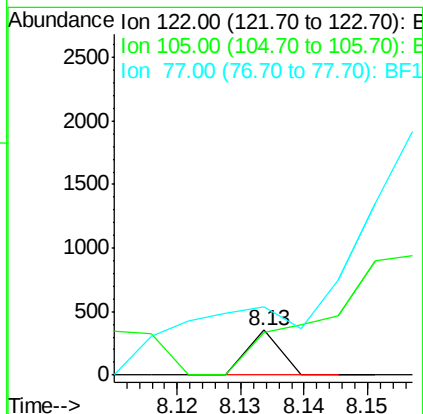
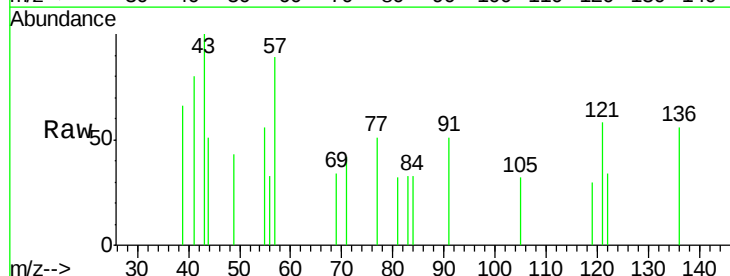
RT: 8.13 min Scan# 1028

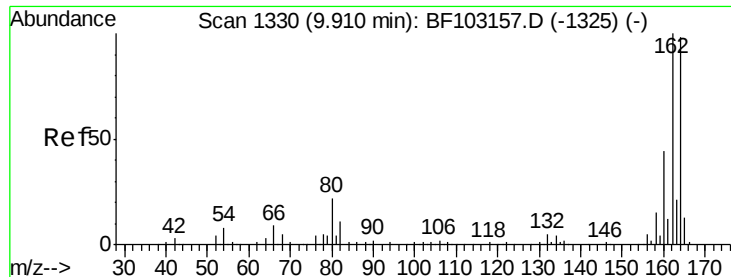
Delta R.T. 0.19 min

Lab File: BF103289.D

Acq: 28 Feb 2018 3:47

Tgt Ion: 122 Resp: 125
Ion Ratio Lower Upper
122 100
105 94.6 101.1 141.1#
77 150.4 70.7 110.7#

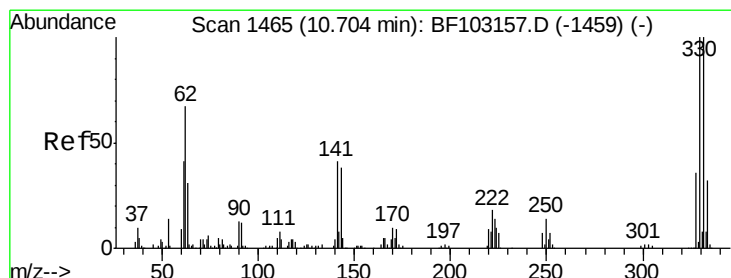
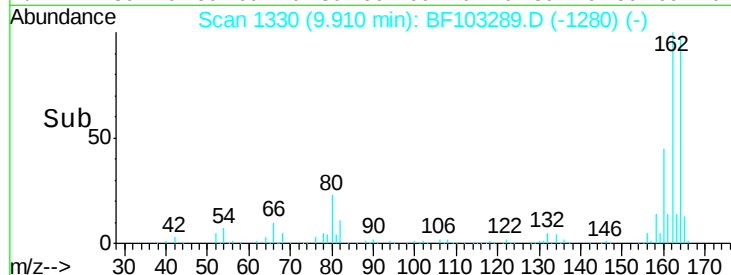
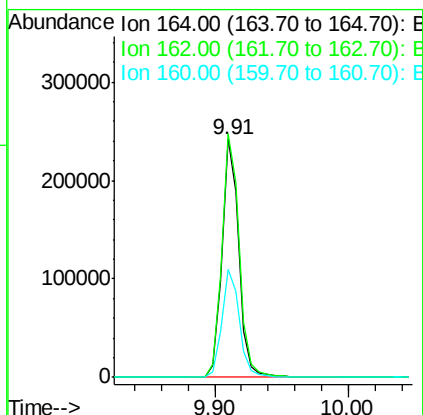
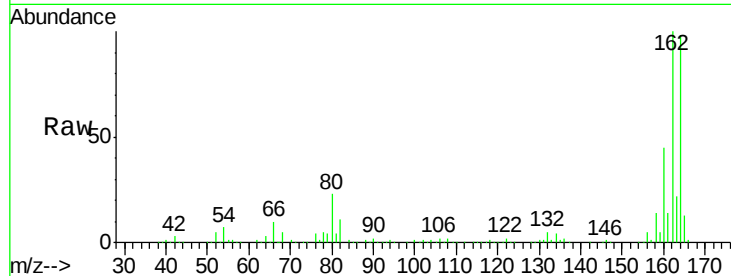




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103289.D
 Acq: 28 Feb 2018 3:47

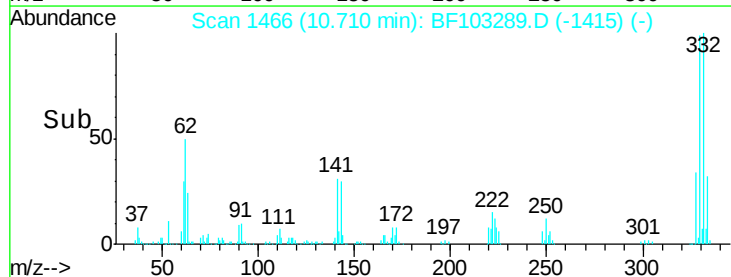
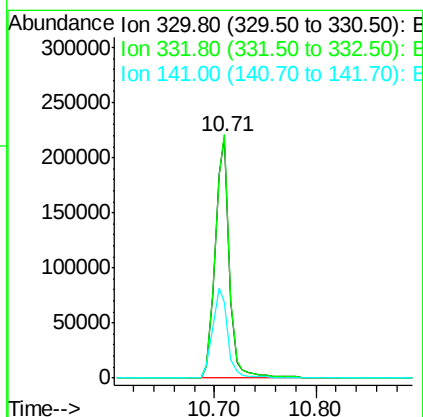
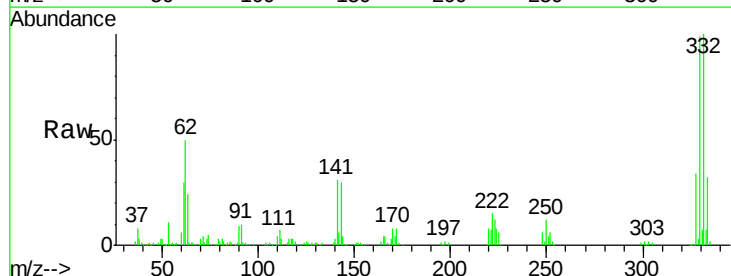
Instrument :
 BNA_F
 ClientSampleId :

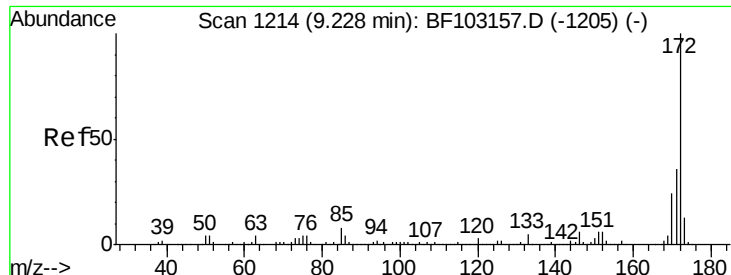
Tot Ion:164 Resp: 216492
 Ion Ratio Lower Upper
 164 100
 162 102.2 86.1 129.1
 160 45.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 116.80 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103289.D
 Acq: 28 Feb 2018 3:47

Tgt Ion:330 Resp: 214027
 Ion Ratio Lower Upper
 330 100
 332 101.1 77.0 115.6
 141 40.3 29.9 44.9



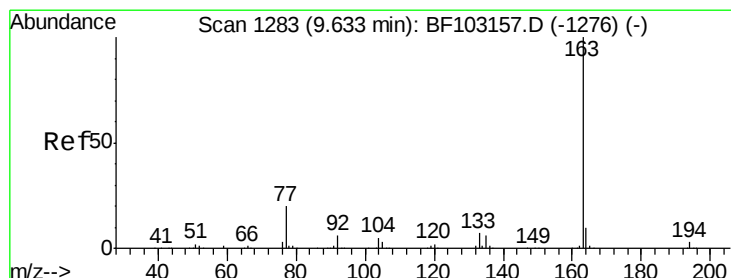
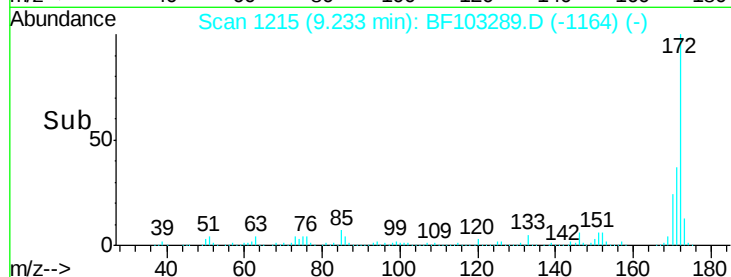
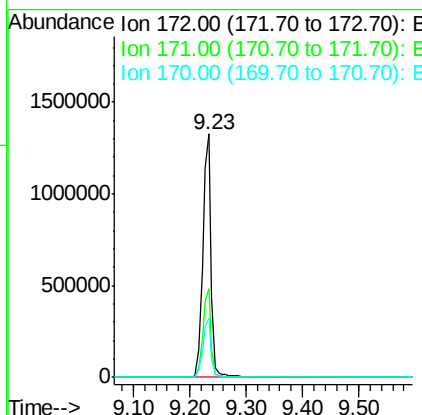
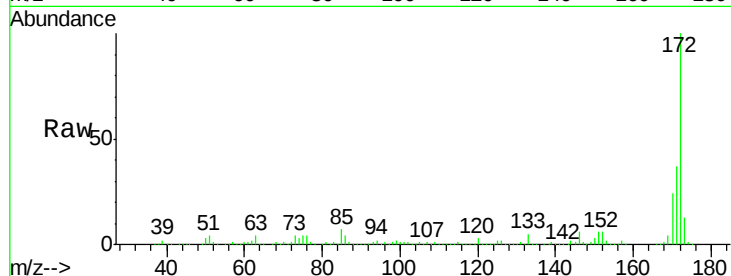


#44
 2-Fluorobiphenyl
 Concen: 119.19 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103289.D
 Acq: 28 Feb 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1361756

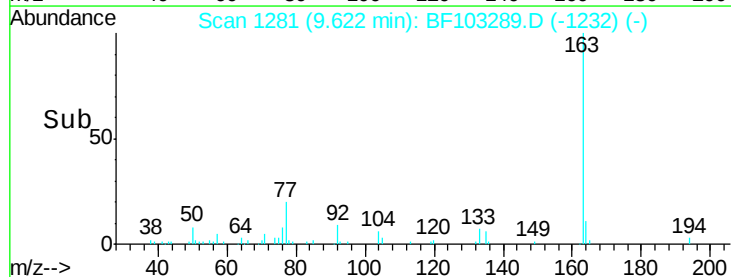
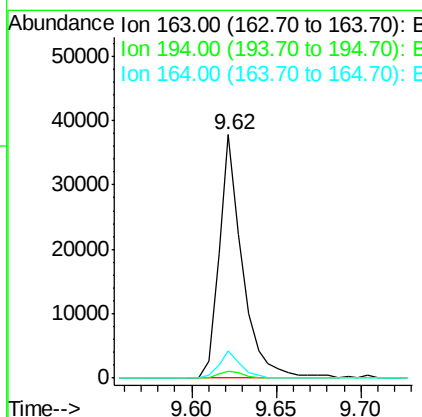
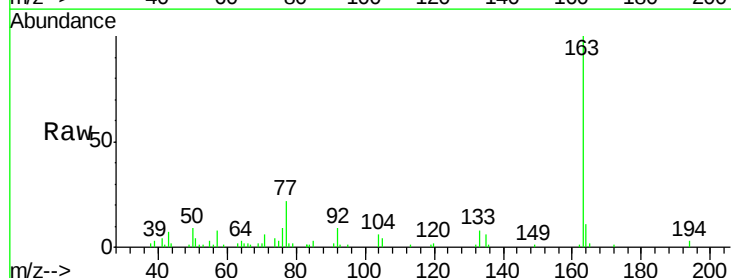
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.3	19.6	29.4

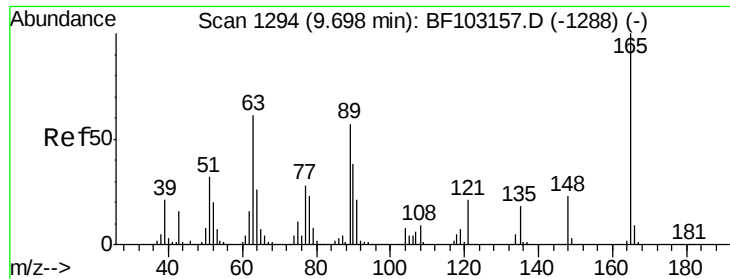


#49
 Dimethylphthalate
 Concen: 2.08 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF103289.D
 Acq: 28 Feb 2018 3:47

Tgt Ion:163 Resp: 36158

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	11.4	8.2	12.2

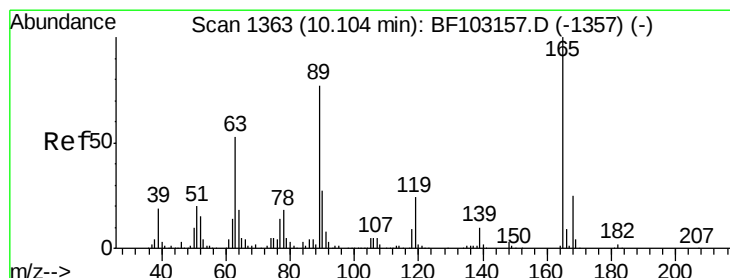
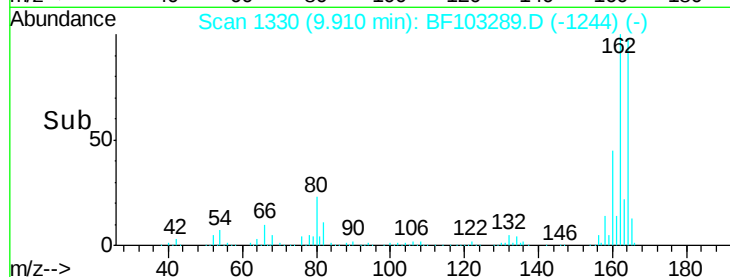
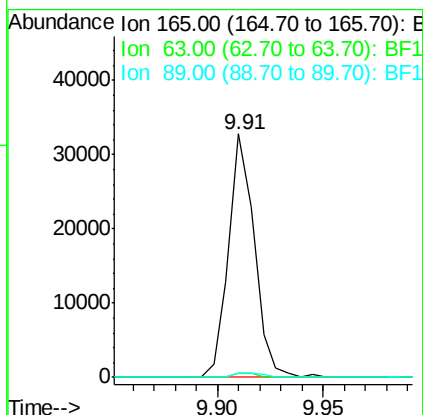
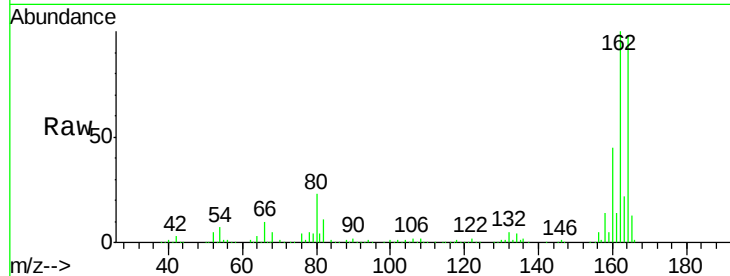




#50
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF103289.D
Acq: 28 Feb 2018 3:47

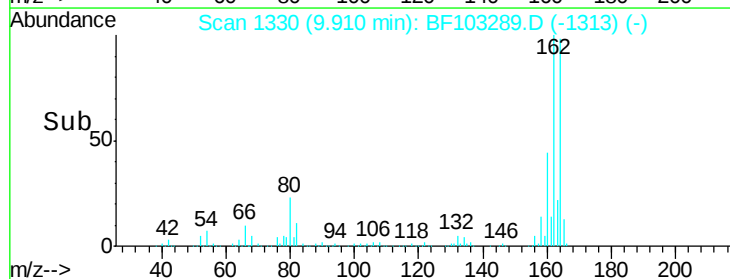
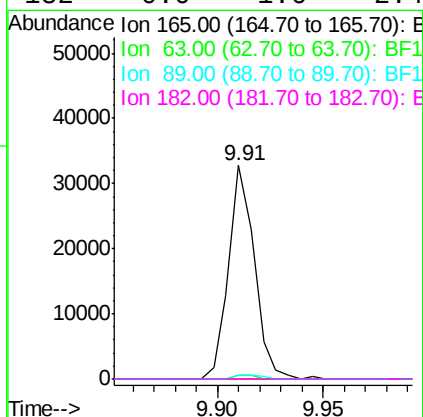
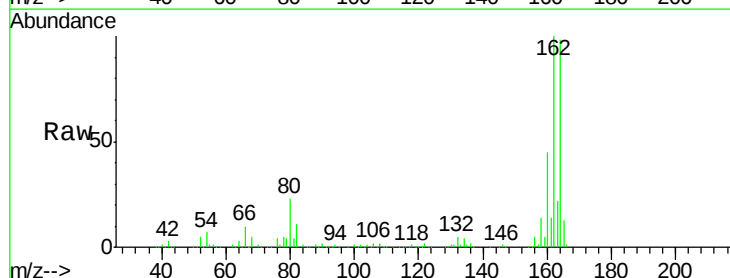
Instrument :
BNA_F
ClientSampleId :

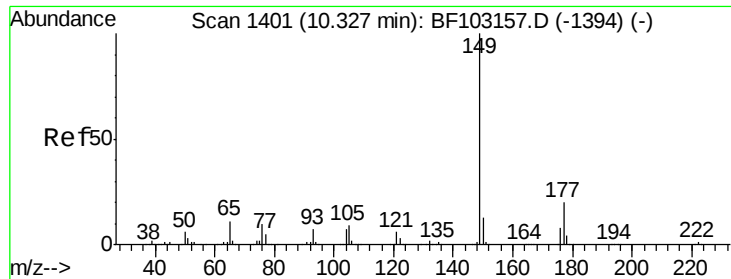
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	2.0	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF103289.D
Acq: 28 Feb 2018 3:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

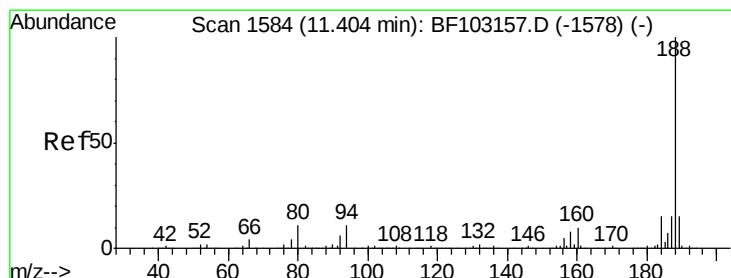
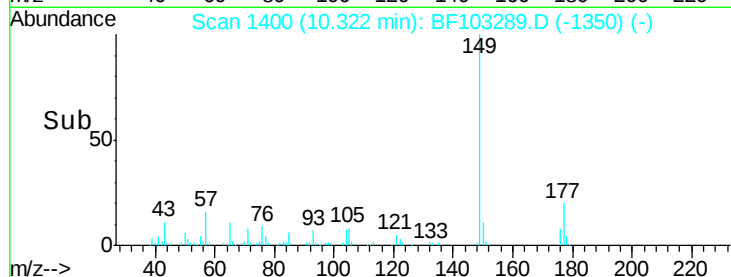
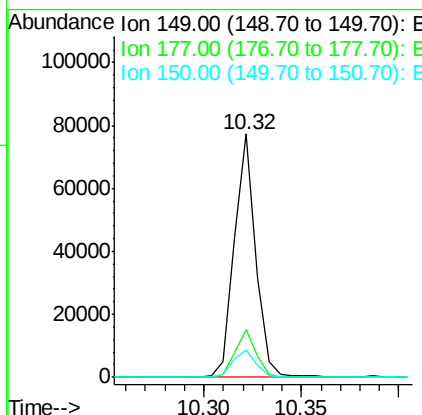
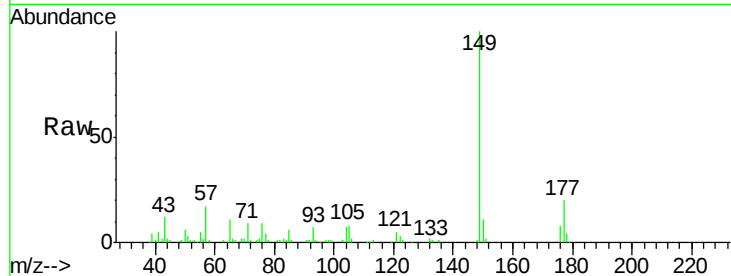




#59
Diethylphthalate
Concen: 3.55 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103289.D
Acq: 28 Feb 2018 3:47

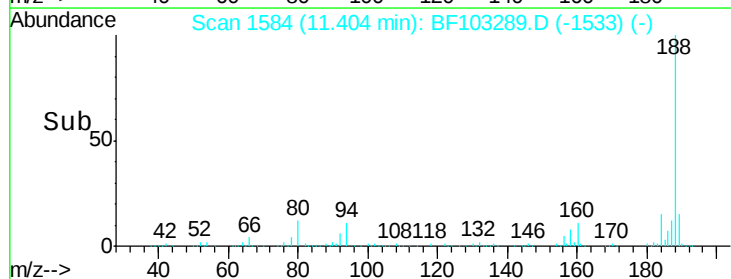
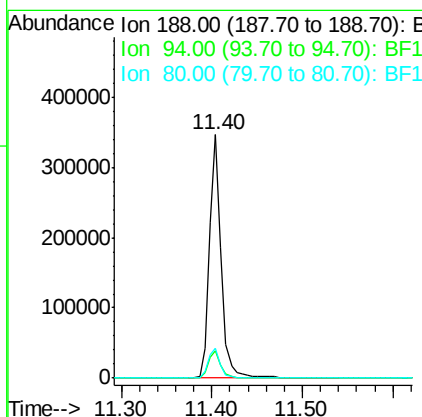
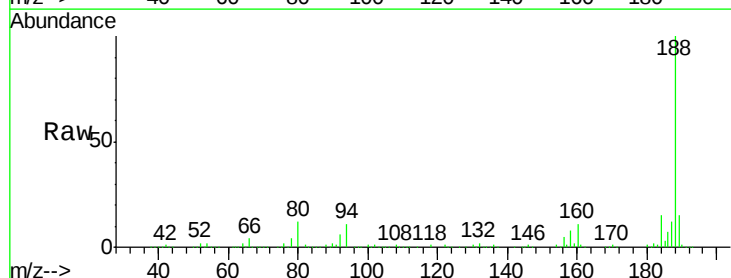
Instrument :
BNA_F
ClientSampled :

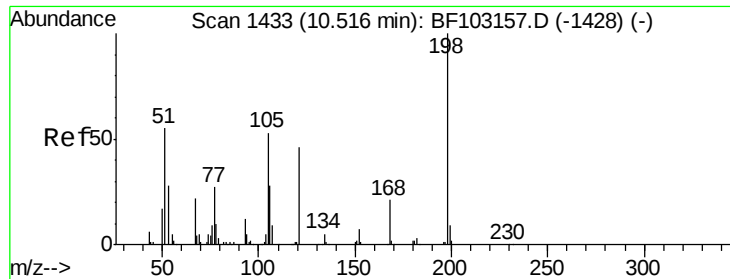
Tot Ion:149 Resp: 58941
Ion Ratio Lower Upper
149 100
177 19.6 16.1 24.1
150 11.1 10.1 15.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103289.D
Acq: 28 Feb 2018 3:47

Tgt Ion:188 Resp: 318251
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.1 9.2 13.8

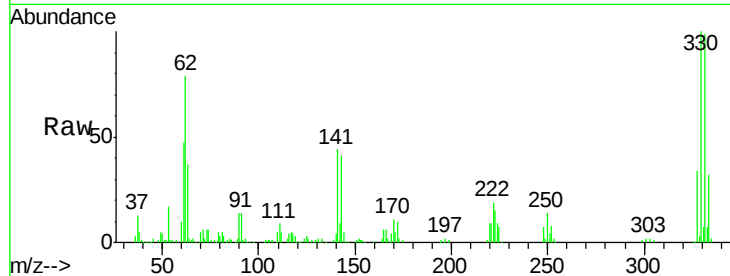




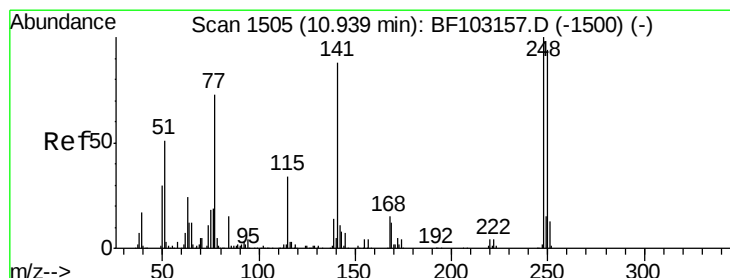
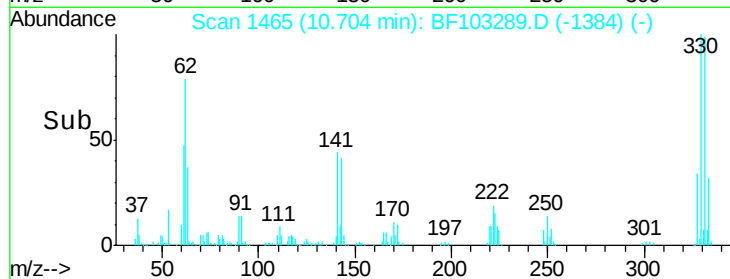
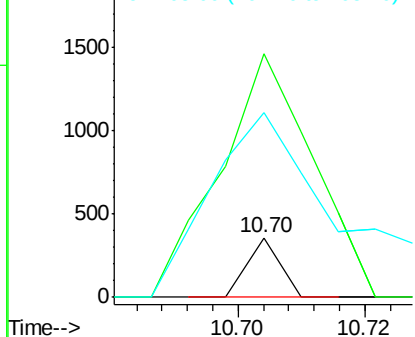
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.00 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.18 min
 Lab File: BF103289.D
 Acq: 28 Feb 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 127
 Ion Ratio Lower Upper
 198 100
 51 407.5 37.7 77.7#
 105 309.5 36.3 76.3#

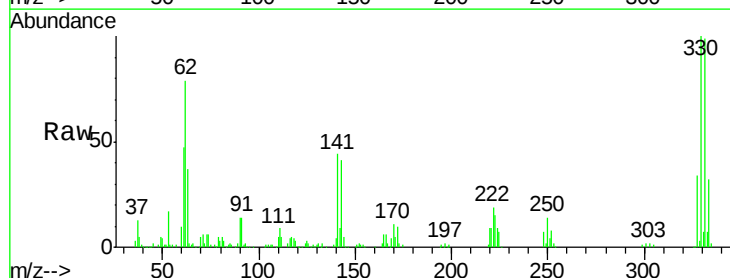


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

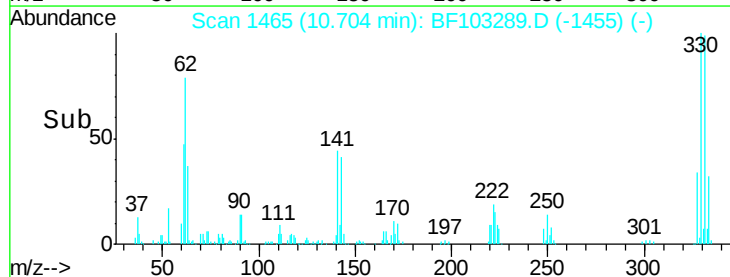
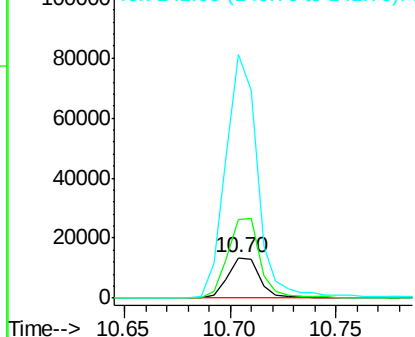


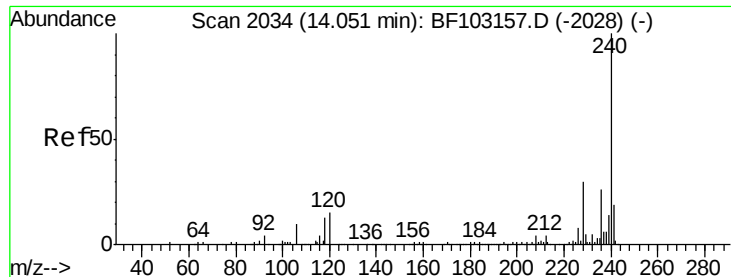
#66
 4-Bromophenyl-phenylether
 Concen: 4.19 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.24 min
 Lab File: BF103289.D
 Acq: 28 Feb 2018 3:47

Tgt Ion:248 Resp: 13882
 Ion Ratio Lower Upper
 248 100
 250 194.4 76.9 115.3#
 141 604.1 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: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103289.D

Acq: 28 Feb 2018 3:47

Instrument :

BNA_F

ClientSampleId :

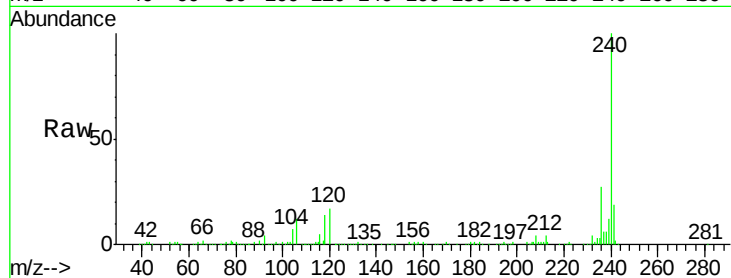
Tot Ion:240 Resp: 228204

Ion Ratio Lower Upper

240 100

120 16.7 9.5 14.3#

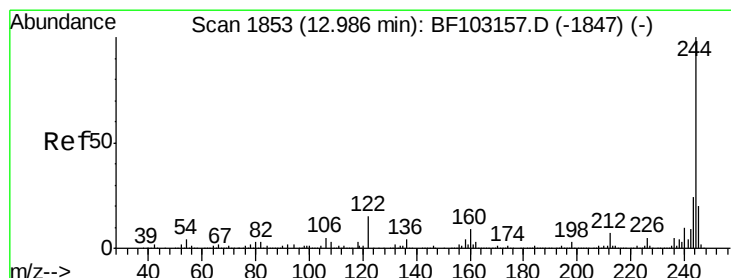
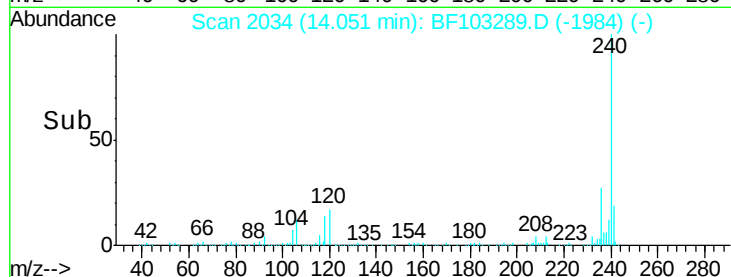
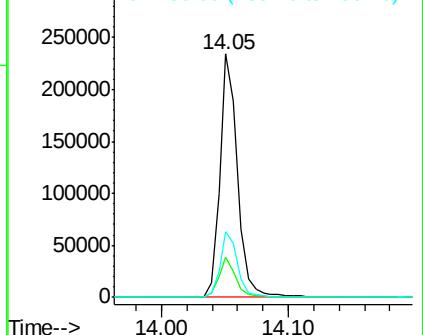
236 27.0 20.7 31.1



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: 99.74 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103289.D

Acq: 28 Feb 2018 3:47

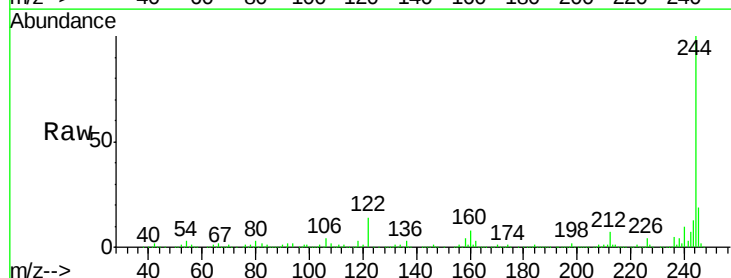
Tgt Ion:244 Resp: 946823

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

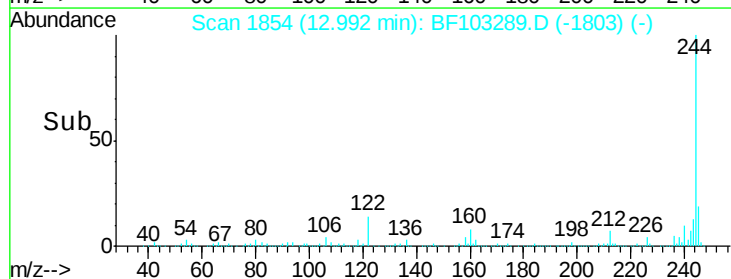
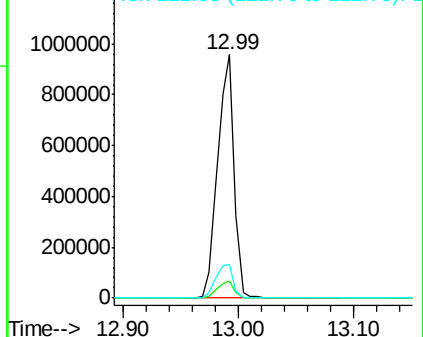
122 13.6 11.0 16.4

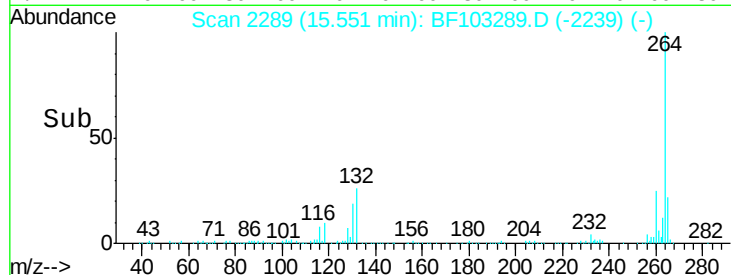
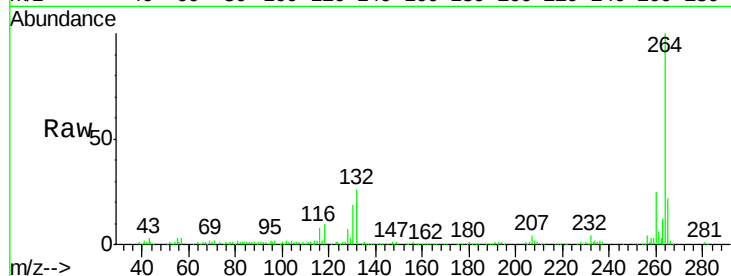
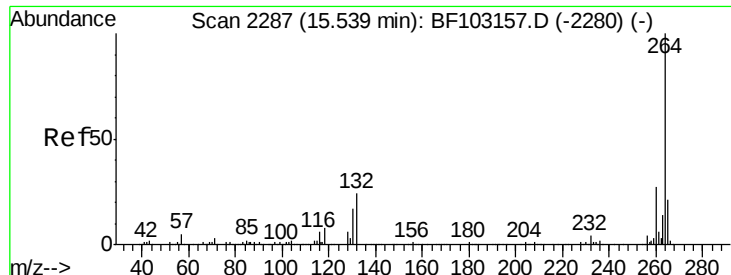


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BF103289.D
 Acq: 28 Feb 2018 3:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	179965
Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	22.3	17.5	26.3

