

Data Path : Z:\HPCHEM1\BNA F\Data\BF112916\
 Data File : BF091329.D
 Acq On : 29 Nov 2016 16:12
 Operator : UM/SJ
 Sample : H5696-01RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 16:52:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

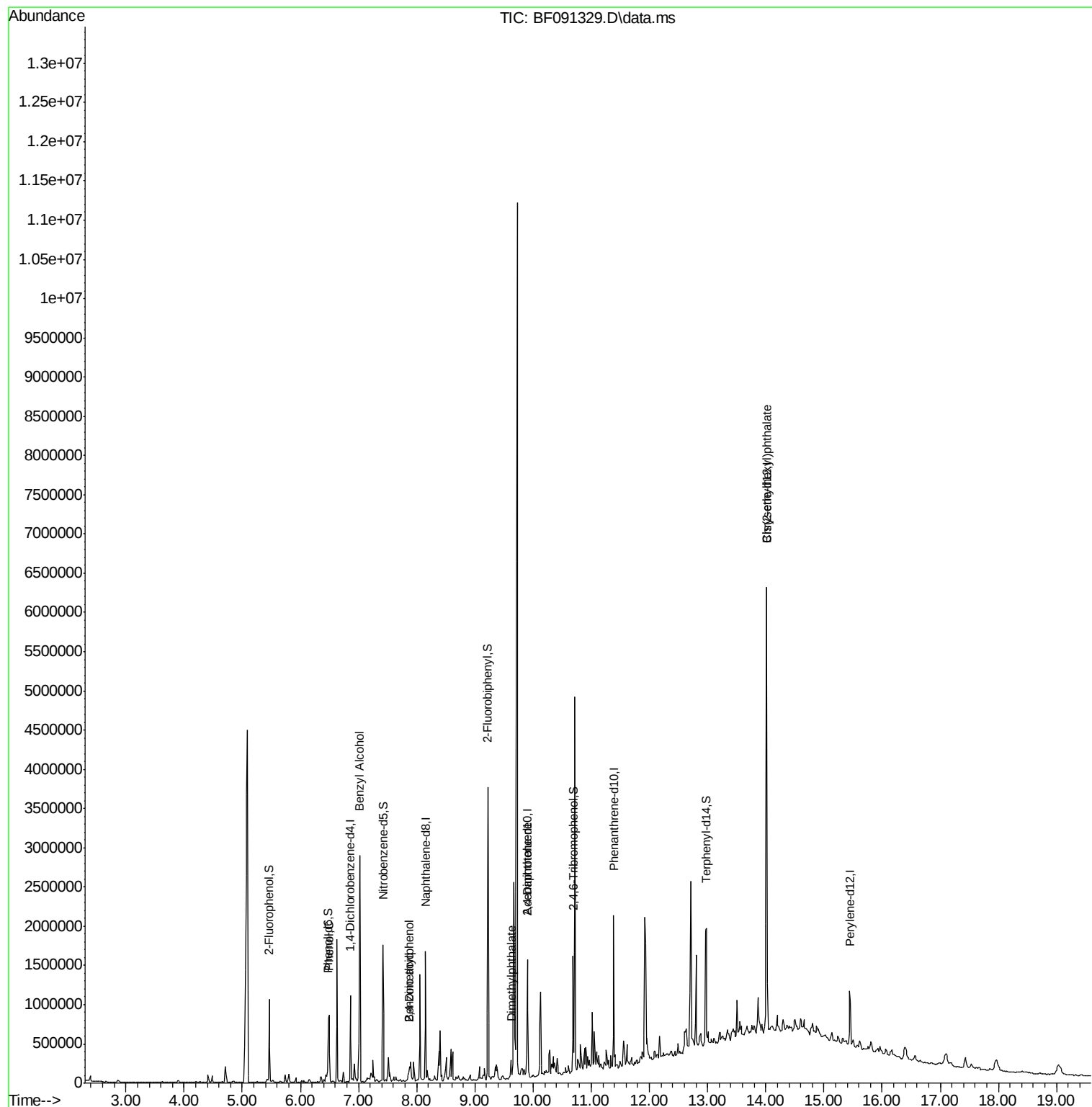
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.859	152	183452	20.00	ng	-0.02
21) Naphthalene-d8	8.150	136	785030	20.00	ng	-0.02
38) Acenaphthene-d10	9.899	164	405246	20.00	ng	-0.02
63) Phenanthrene-d10	11.385	188	695116	20.00	ng	-0.02
75) Chrysene-d12	14.014	240	384338	20.00	ng	-0.03
86) Perylene-d12	15.442	264	407660	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	274811	24.47	ng	0.00
7) Phenol-d6	6.481	99	245296	17.74	ng	-0.02
23) Nitrobenzene-d5	7.419	82	643481	45.94	ng	-0.03
41) 2,4,6-Tribromophenol	10.688	330	164697	42.93	ng	-0.02
44) 2-Fluorobiphenyl	9.225	172	1208334	53.99	ng	-0.02
78) Terphenyl-d14	12.974	244	737911	41.73	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.493	94	227544	13.99	ng	93
15) Benzyl Alcohol	7.019	79	27309	2.47	ng	# 47
27) 2,4-Dimethylphenol	7.876	122	53490	4.37	ng	# 3
32) Benzoic acid	7.876	122	53490	5.93	ng	93
49) Dimethylphthalate	9.625	163	97104	3.96	ng	98
56) 2,4-Dinitrotoluene	9.899	165	53591	7.53	ng	# 35
83) Bis(2-ethylhexyl)phtha...	14.014	149	1191972	86.10	ng	# 93

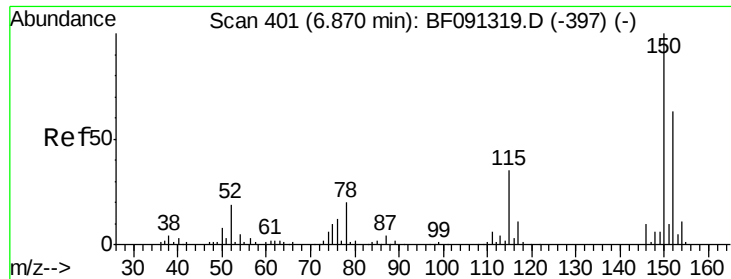
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.859 min Scan# 401

Delta R.T. -0.017 min

Lab File: BF091329.D

Acq: 29 Nov 2016 16:12

Instrument :

BNA_F

ClientSampleId :

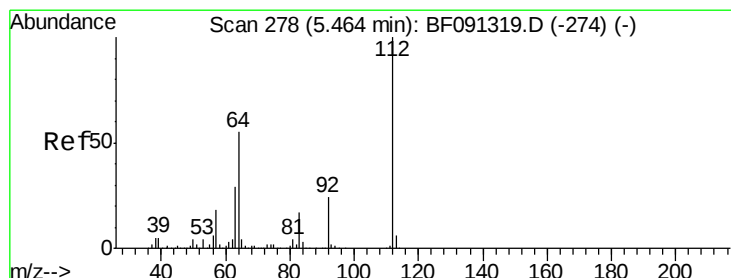
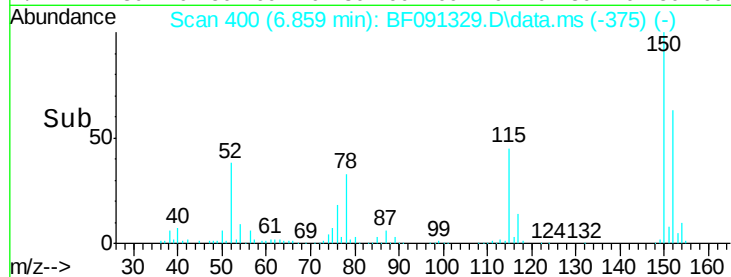
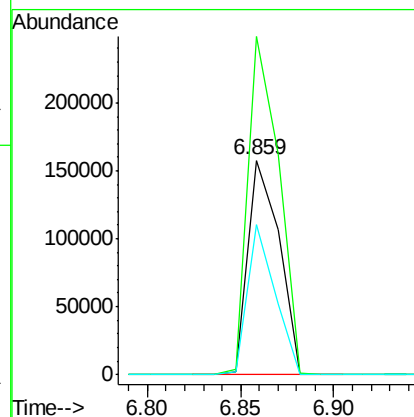
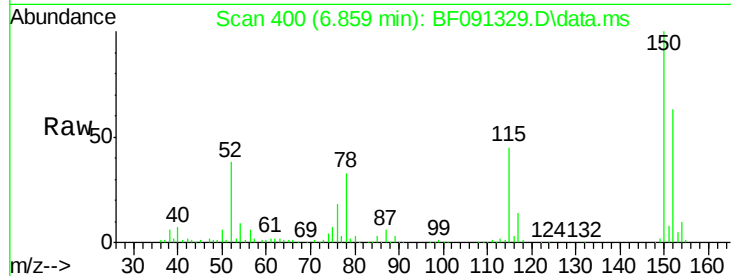
Tot Ion:152 Resp: 183452

Ion Ratio Lower Upper

152 100

150 157.8 122.5 183.7

115 70.3 51.8 77.8



#5

2-Fluorophenol

Concen: 24.47 ng

RT: 5.464 min Scan# 278

Delta R.T. -0.005 min

Lab File: BF091329.D

Acq: 29 Nov 2016 16:12

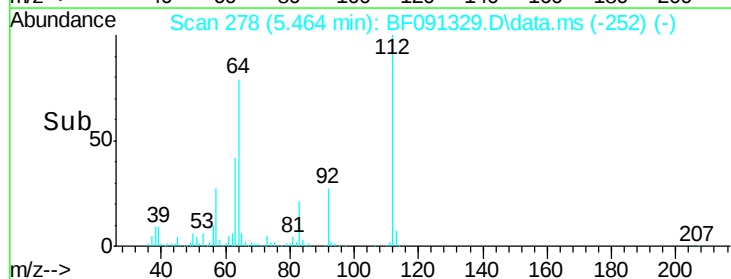
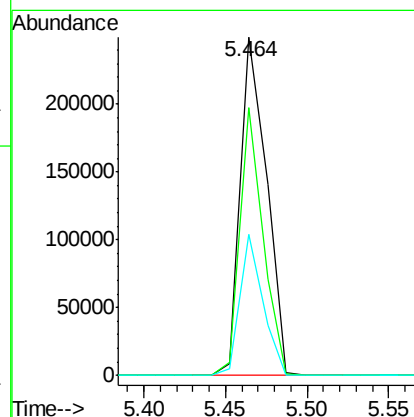
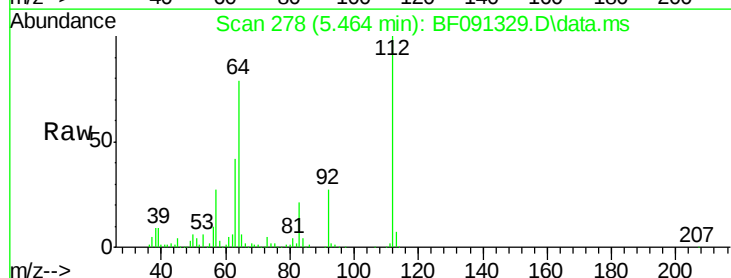
Tgt Ion:112 Resp: 274811

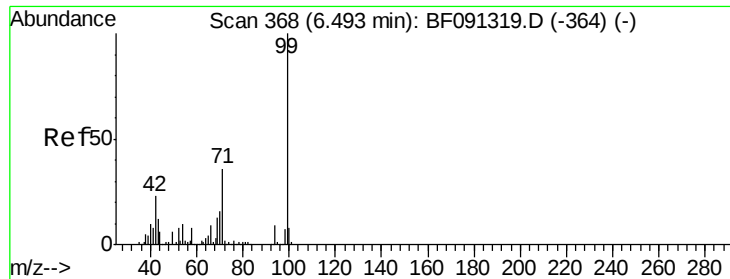
Ion Ratio Lower Upper

112 100

64 79.1 61.5 92.3

63 41.6 33.3 49.9





#7

Phenol-d6

Concen: 17.74 ng

RT: 6.481 min Scan# 367

Delta R.T. -0.017 min

Lab File: BF091329.D

Acq: 29 Nov 2016 16:12

Instrument :

BNA_F

ClientSampleId :

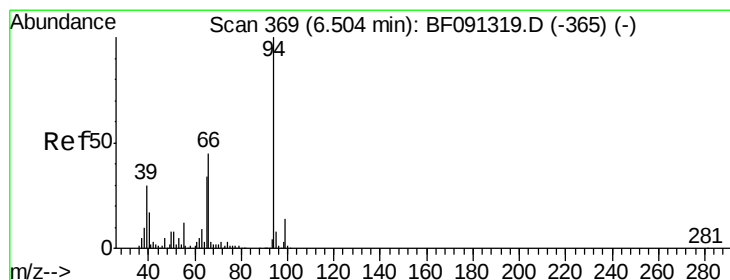
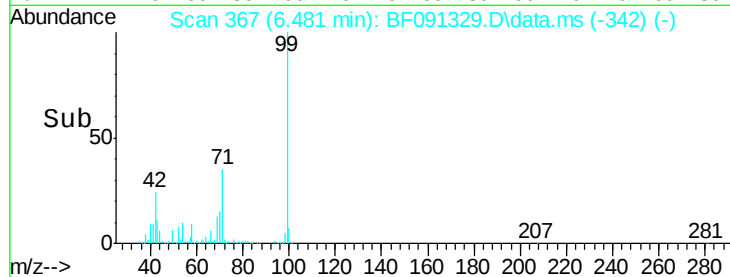
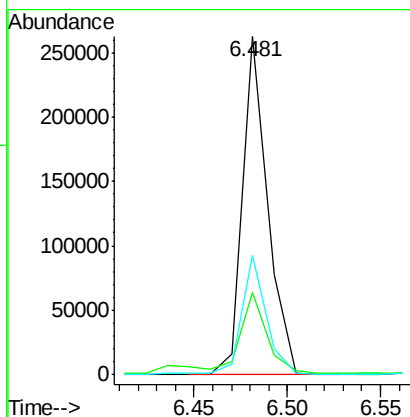
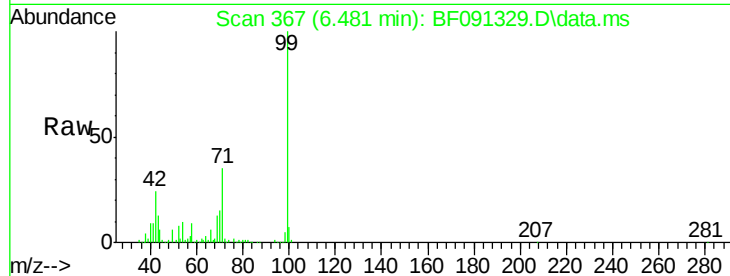
Tot Ion: 99 Resp: 245296

Ion Ratio Lower Upper

99 100

42 24.2 20.6 31.0

71 35.1 29.9 44.9



#10

Phenol

Concen: 13.99 ng

RT: 6.493 min Scan# 368

Delta R.T. -0.029 min

Lab File: BF091329.D

Acq: 29 Nov 2016 16:12

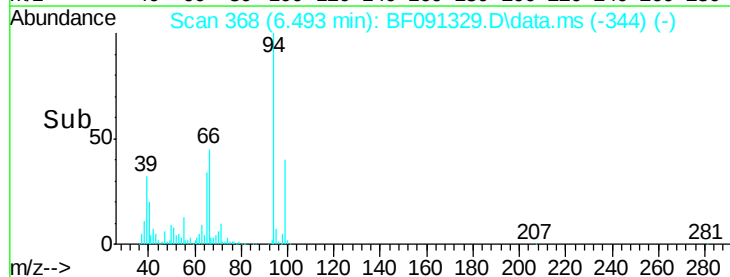
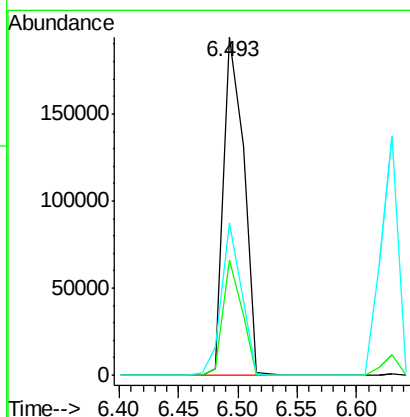
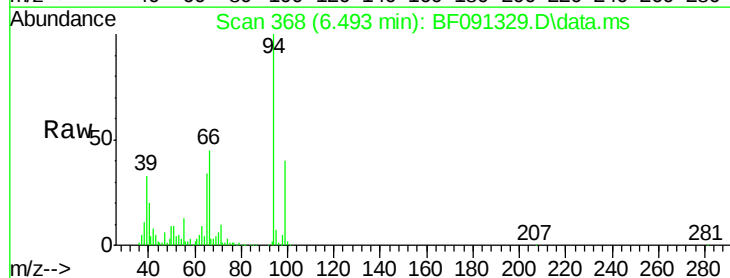
Tgt Ion: 94 Resp: 227544

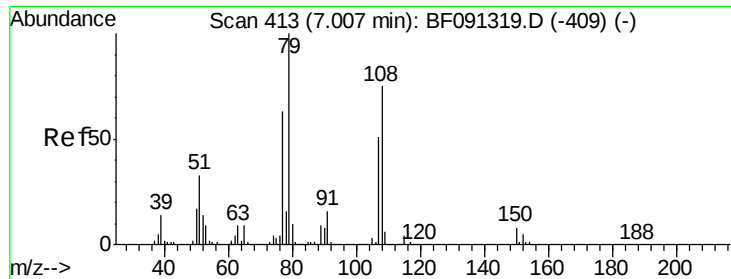
Ion Ratio Lower Upper

94 100

65 34.0 16.9 56.9

66 45.0 30.6 70.6





#15

Benzyl Alcohol

Concen: 2.47 ng

RT: 7.019 min Scan# 41

Delta R.T. -0.006 min

Lab File: BF091329.D

Acq: 29 Nov 2016 16:12

Instrument :

BNA_F

ClientSampleId :

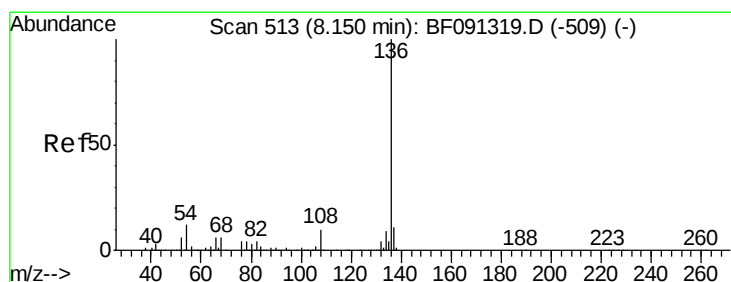
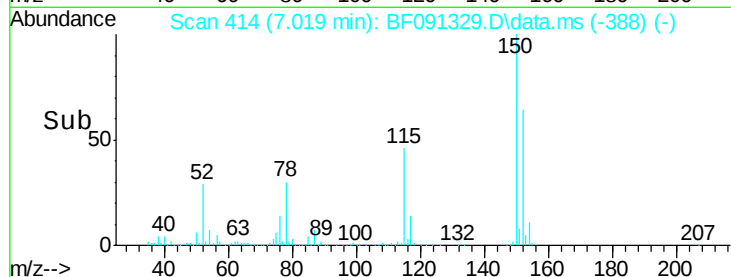
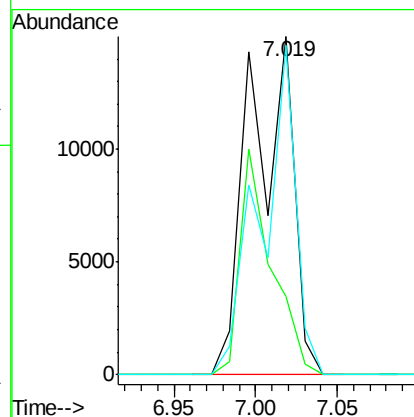
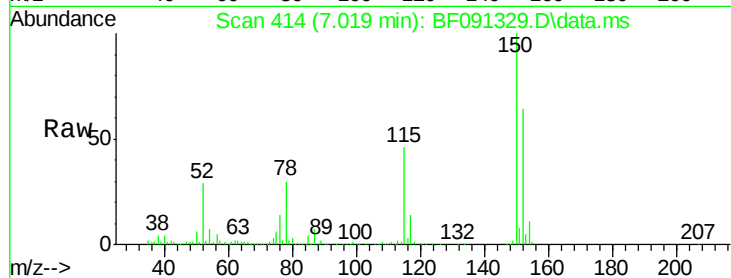
Tot Ion: 79 Resp: 27309

Ion Ratio Lower Upper

79 100

108 23.2 62.7 94.1#

77 97.2 51.7 77.5#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.150 min Scan# 513

Delta R.T. -0.017 min

Lab File: BF091329.D

Acq: 29 Nov 2016 16:12

Tgt Ion: 136 Resp: 785030

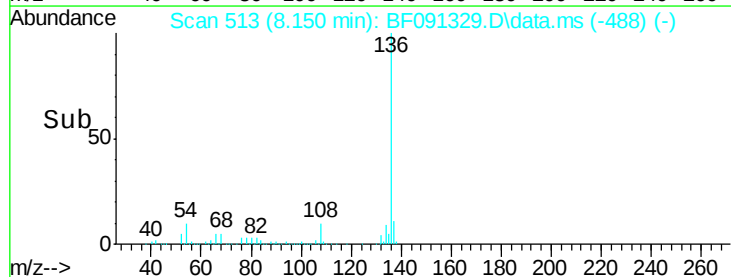
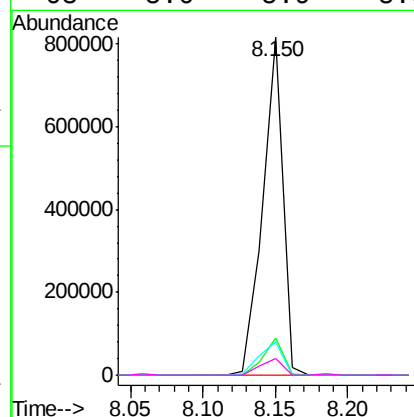
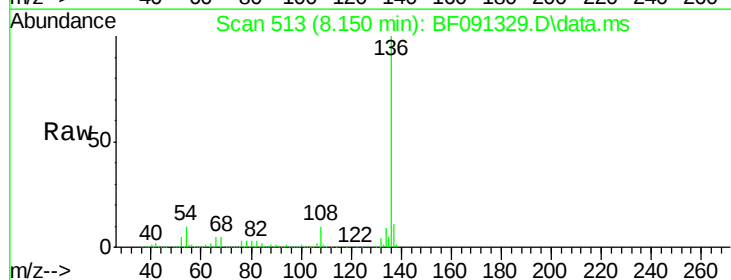
Ion Ratio Lower Upper

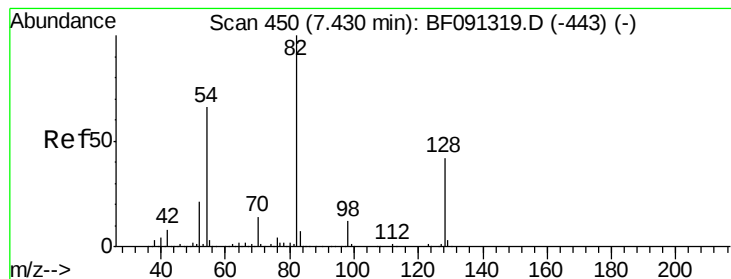
136 100

137 11.0 9.1 13.7

54 9.8 9.1 13.7

68 5.0 5.9 8.9#





#23

Nitrobenzene-d5

Concen: 45.94 ng

RT: 7.419 min Scan# 44

Delta R.T. -0.029 min

Lab File: BF091329.D

Acq: 29 Nov 2016 16:12

Instrument :

BNA_F

ClientSampleId :

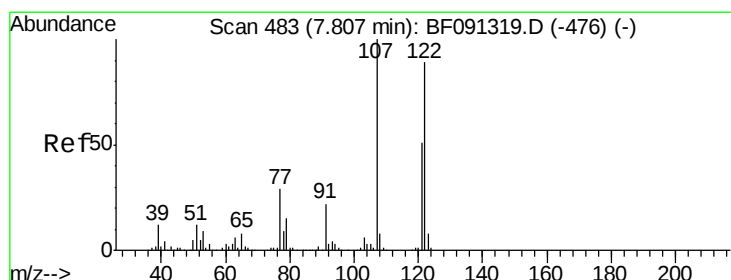
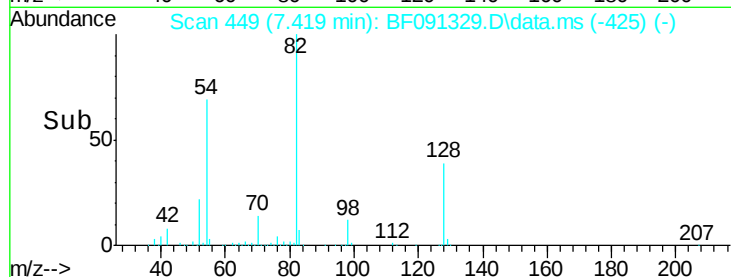
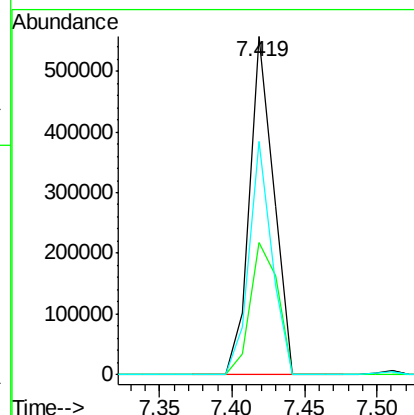
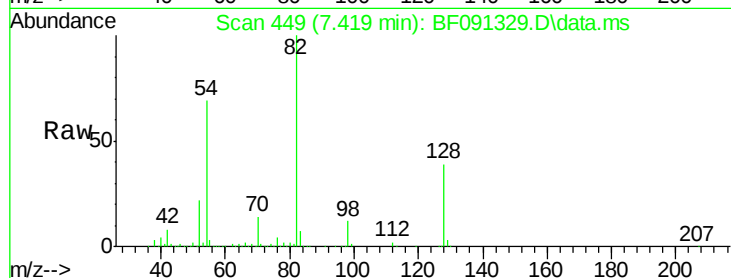
Tot Ion: 82 Resp: 643481

Ion Ratio Lower Upper

82 100

128 38.9 31.8 47.6

54 68.9 49.1 73.7



#27

2,4-Dimethylphenol

Concen: 4.37 ng

RT: 7.876 min Scan# 489

Delta R.T. 0.063 min

Lab File: BF091329.D

Acq: 29 Nov 2016 16:12

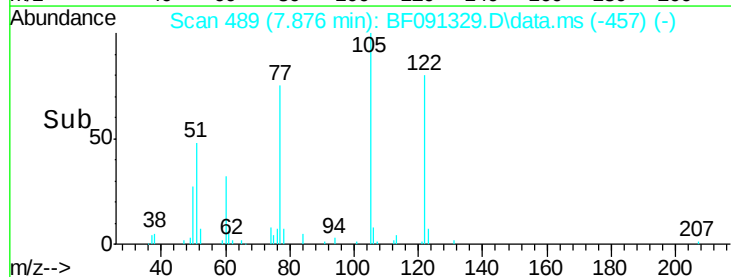
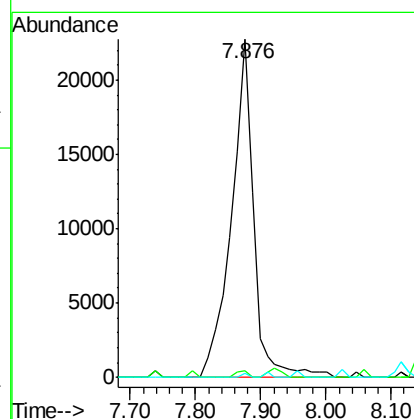
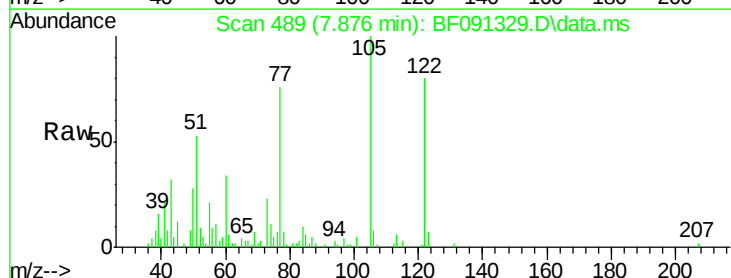
Tgt Ion: 122 Resp: 53490

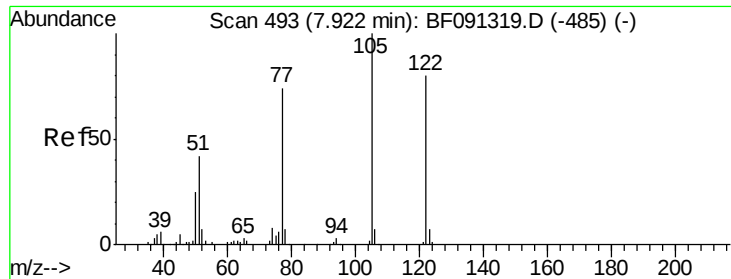
Ion Ratio Lower Upper

122 100

107 1.8 96.8 145.2#

121 1.3 47.7 71.5#

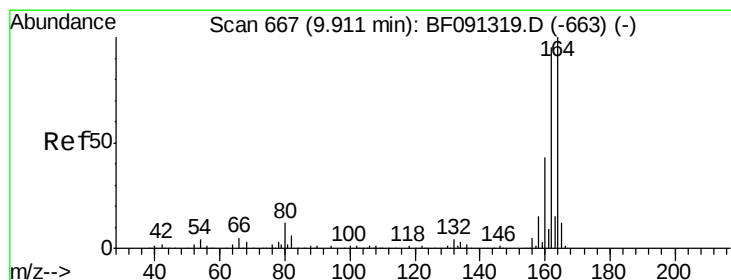
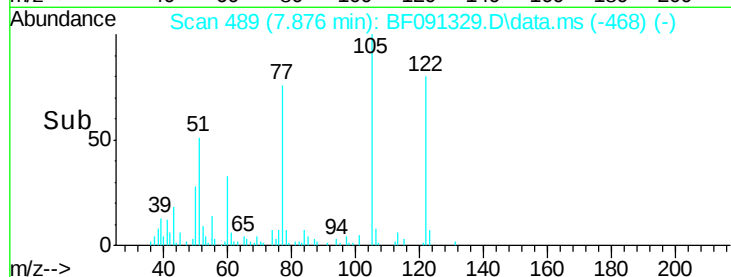
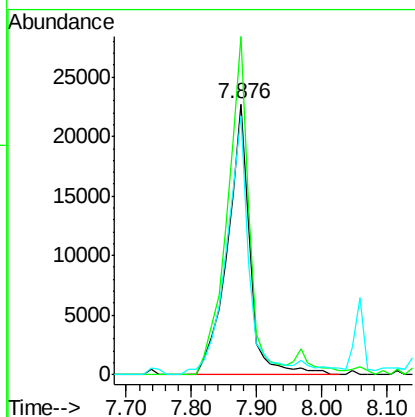
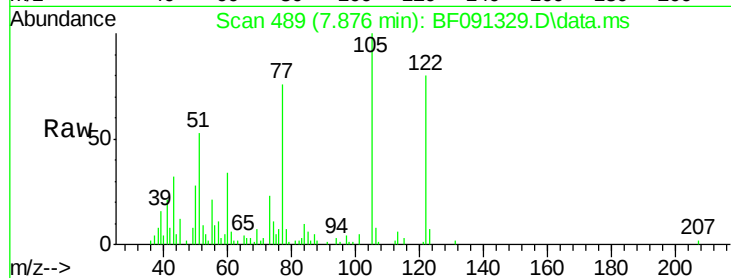




#32
Benzoic acid
Concen: 5.93 ng
RT: 7.876 min Scan# 48
Delta R.T. -0.062 min
Lab File: BF091329.D
Acq: 29 Nov 2016 16:12

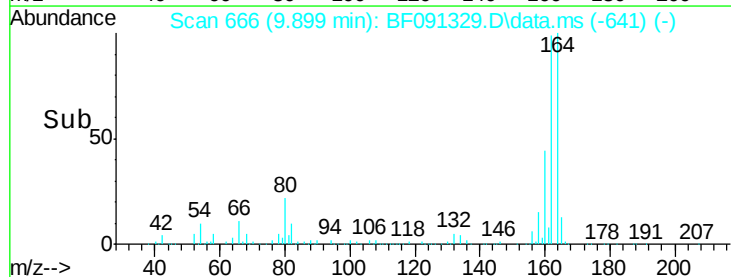
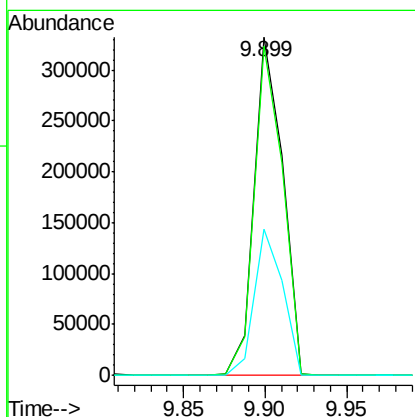
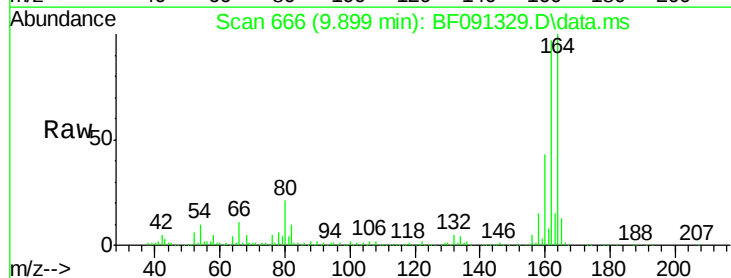
Instrument :
BNA_F
ClientSampleId :

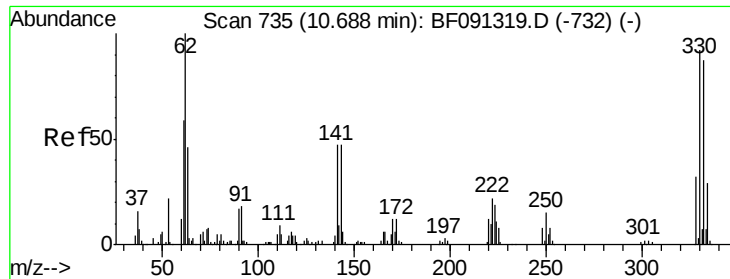
Tot Ion:122 Resp: 53490
Ion Ratio Lower Upper
122 100
105 124.9 113.0 153.0
77 95.4 82.0 122.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.899 min Scan# 666
Delta R.T. -0.017 min
Lab File: BF091329.D
Acq: 29 Nov 2016 16:12

Tgt Ion:164 Resp: 405246
Ion Ratio Lower Upper
164 100
162 97.3 82.6 124.0
160 43.2 36.7 55.1

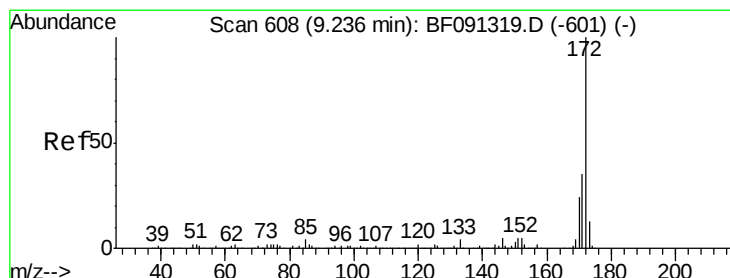
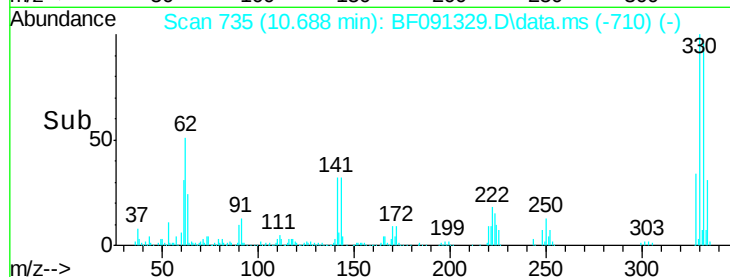
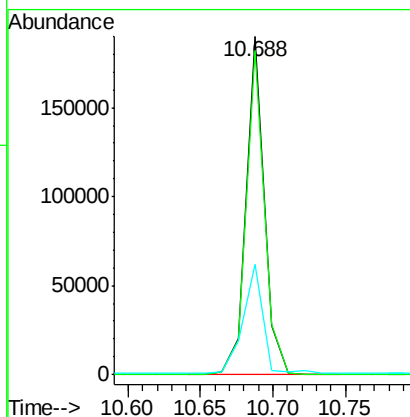
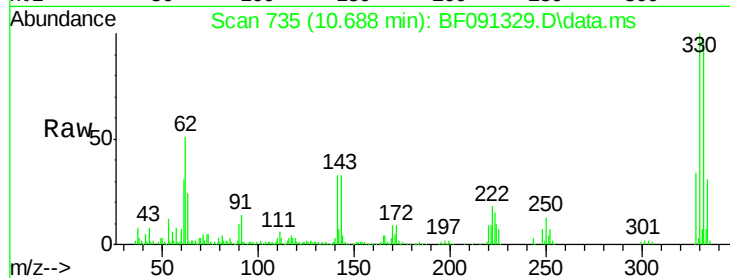




#41
 2,4,6-Tribromophenol
 Concen: 42.93 ng
 RT: 10.688 min Scan# 73
 Delta R.T. -0.017 min
 Lab File: BF091329.D
 Acq: 29 Nov 2016 16:12

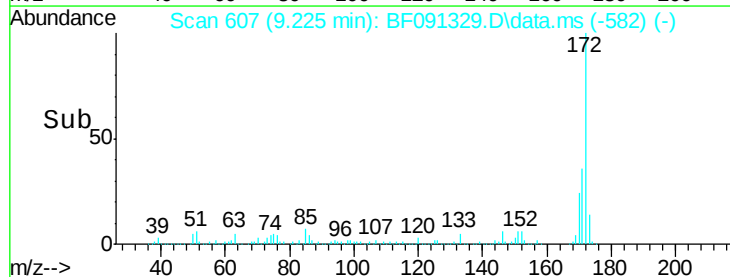
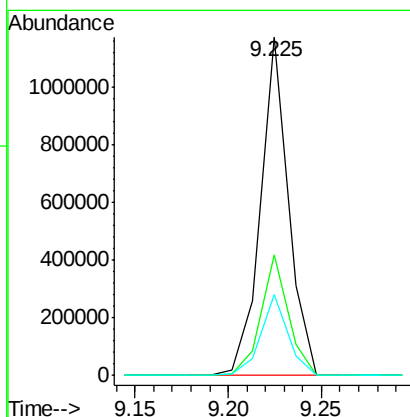
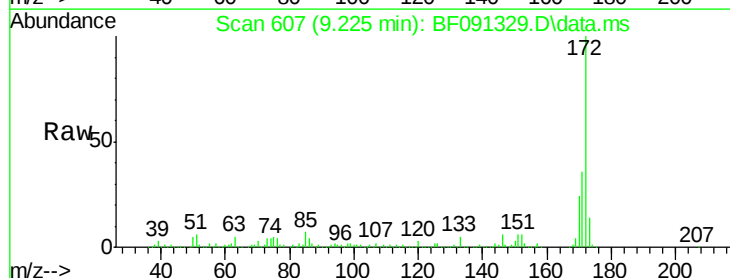
Instrument :
 BNA_F
 ClientSampleId :

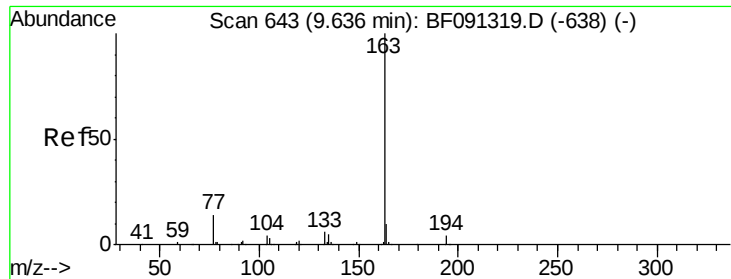
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.4
141	36.0	33.6	50.4



#44
 2-Fluorobiphenyl
 Concen: 53.99 ng
 RT: 9.225 min Scan# 607
 Delta R.T. -0.016 min
 Lab File: BF091329.D
 Acq: 29 Nov 2016 16:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.0	19.7	29.5

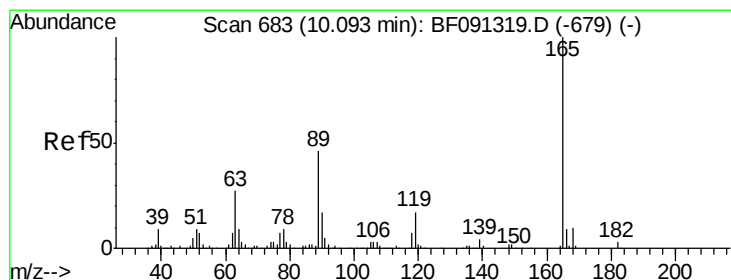
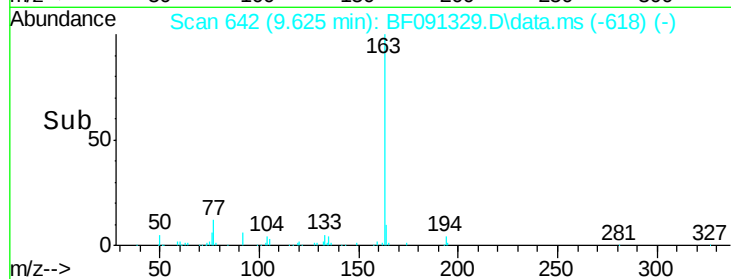
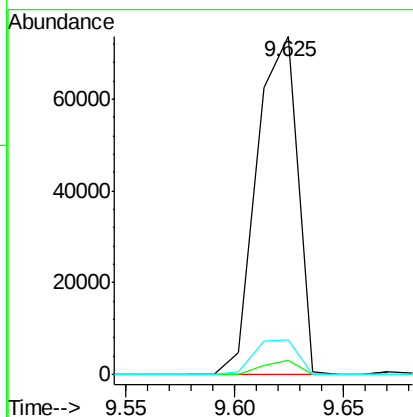
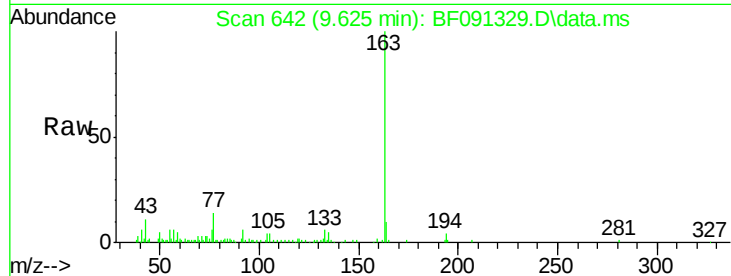




#49
Dimethylphthalate
Concen: 3.96 ng
RT: 9.625 min Scan# 641
Delta R.T. -0.029 min
Lab File: BF091329.D
Acq: 29 Nov 2016 16:12

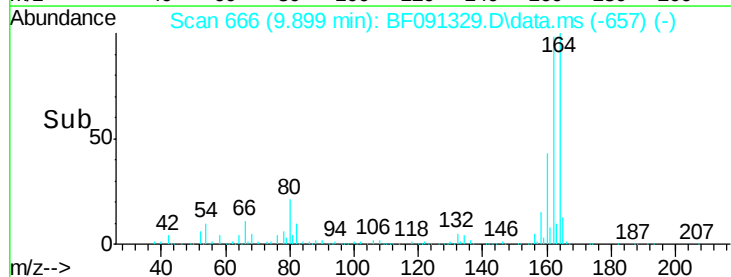
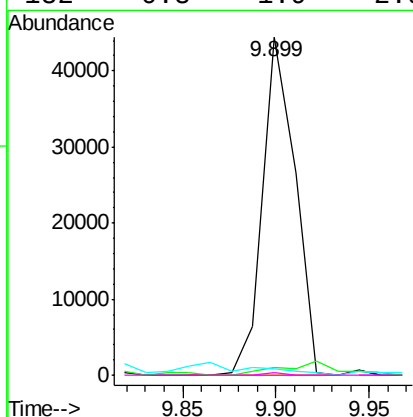
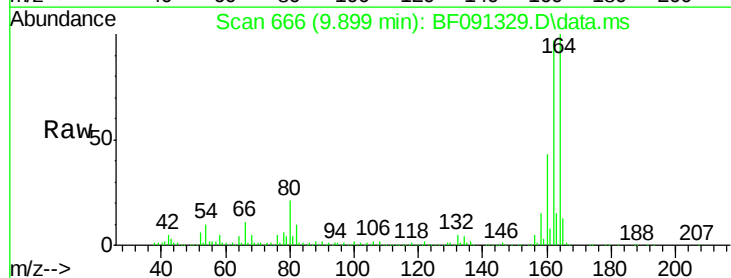
Instrument :
BNA_F
ClientSampleId :

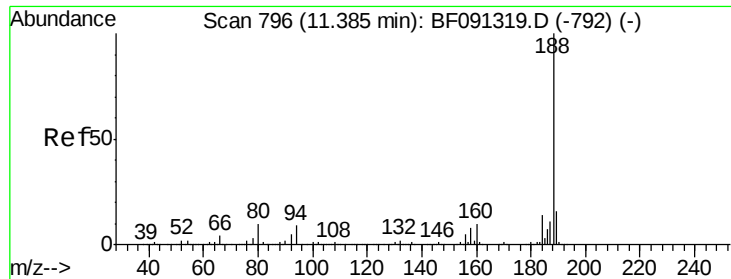
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.4
164	10.3	7.8	11.8



#56
2,4-Dinitrotoluene
Concen: 7.53 ng
RT: 9.899 min Scan# 666
Delta R.T. -0.200 min
Lab File: BF091329.D
Acq: 29 Nov 2016 16:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	29.0	43.4#
89	2.0	43.1	64.7#
182	0.8	1.9	2.9#

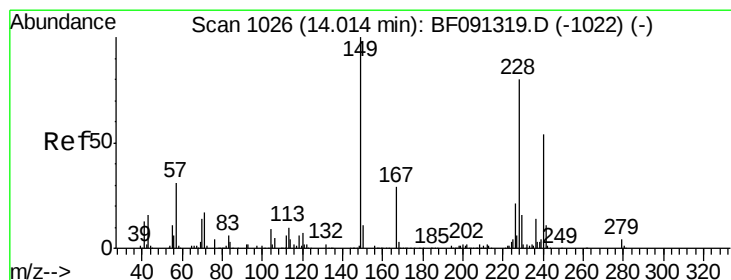
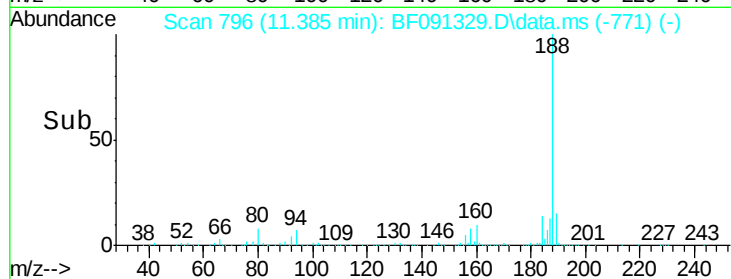
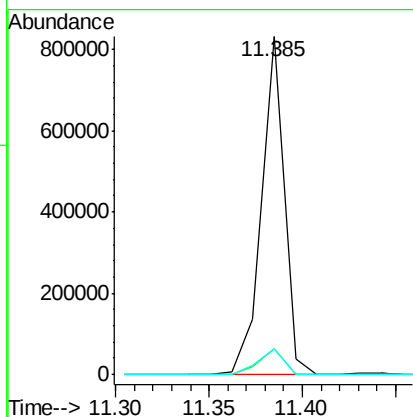
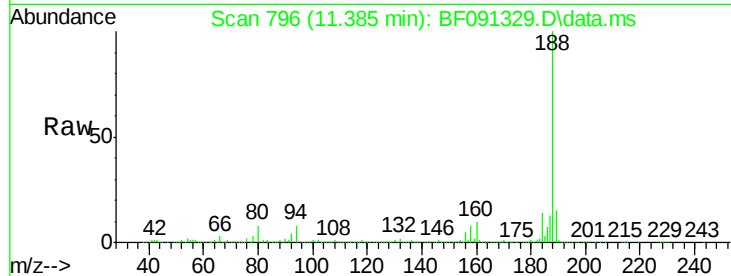




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.385 min Scan# 796
 Delta R.T. -0.017 min
 Lab File: BF091329.D
 Acq: 29 Nov 2016 16:12

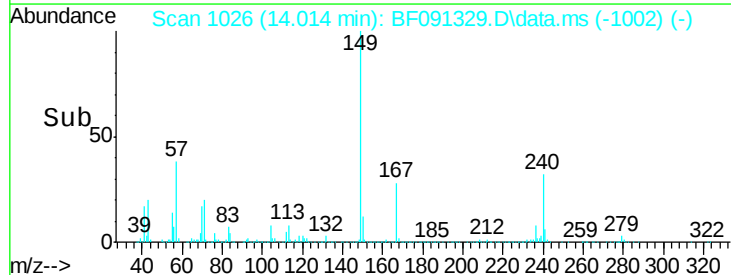
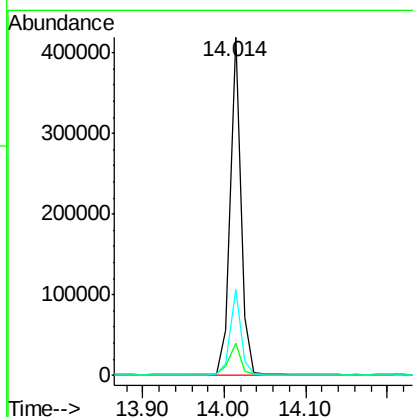
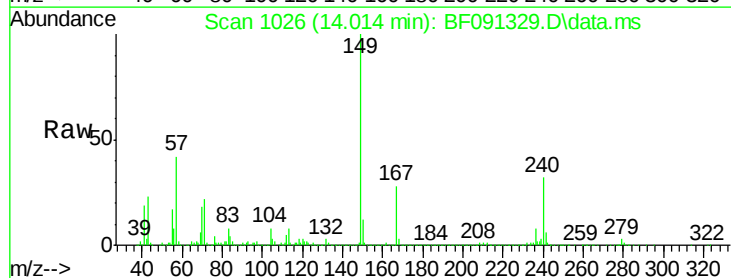
Instrument :
 BNA_F
 ClientSampleId :

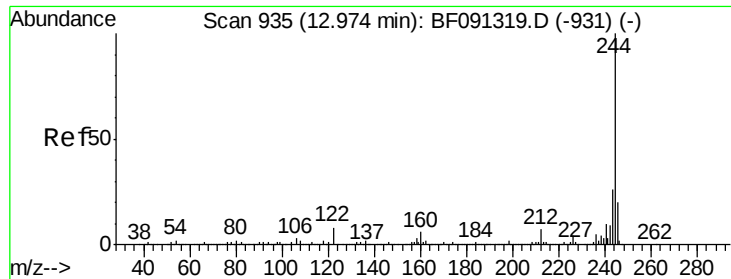
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	9.2	13.8#
80	7.7	10.5	15.7#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.014 min Scan# 1026
 Delta R.T. -0.029 min
 Lab File: BF091329.D
 Acq: 29 Nov 2016 16:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	12.1	18.1#
236	25.4	21.0	31.6





#78

Terphenyl-d14

Concen: 41.73 ng

RT: 12.974 min Scan# 93

Delta R.T. -0.017 min

Lab File: BF091329.D

Acq: 29 Nov 2016 16:12

Instrument :

BNA_F

ClientSampleId :

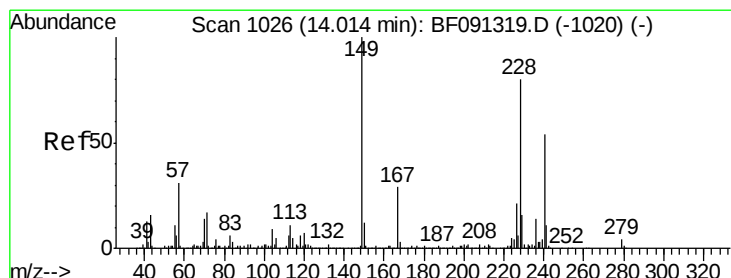
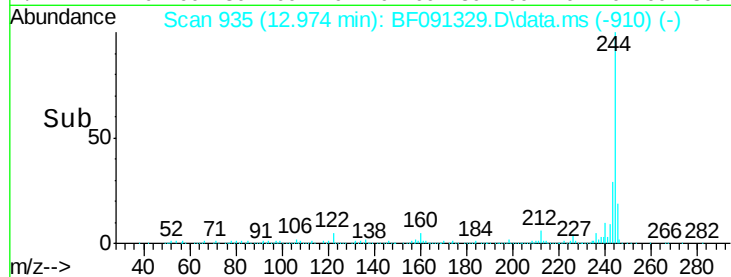
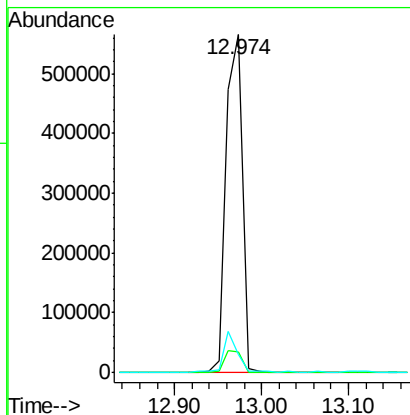
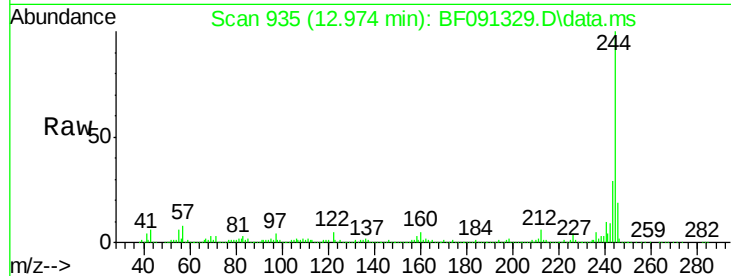
Tot Ion:244 Resp: 737911

Ion Ratio Lower Upper

244 100

212 5.9 6.5 9.7#

122 5.4 9.5 14.3#



#83

Bis(2-ethylhexyl)phthalate

Concen: 86.10 ng

RT: 14.014 min Scan# 1026

Delta R.T. -0.017 min

Lab File: BF091329.D

Acq: 29 Nov 2016 16:12

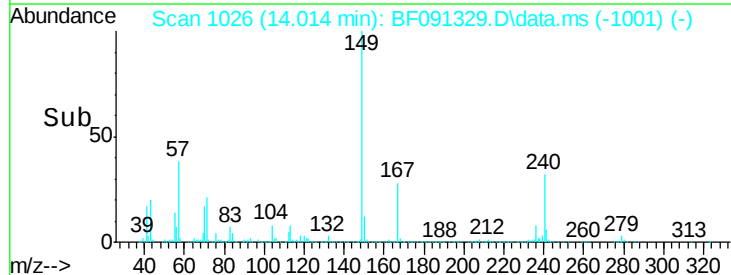
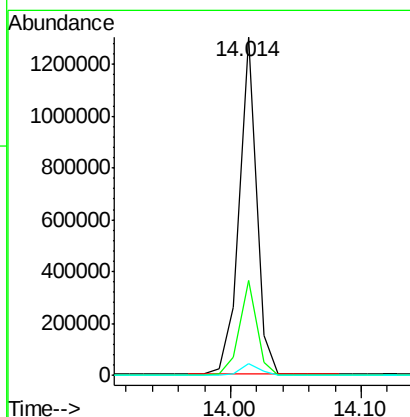
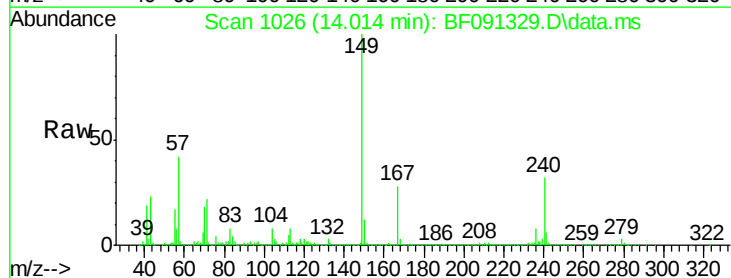
Tgt Ion:149 Resp: 1191972

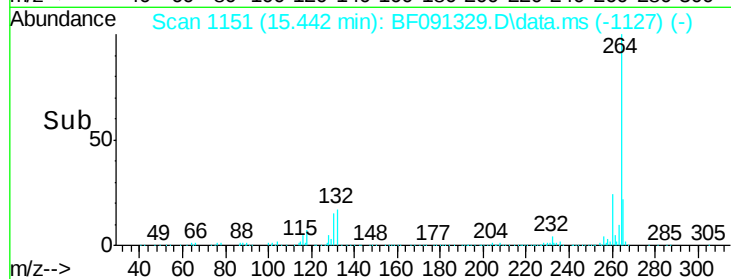
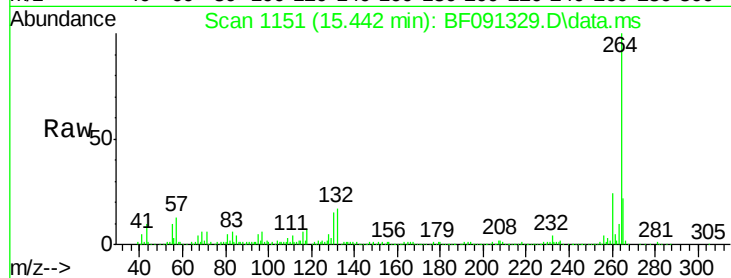
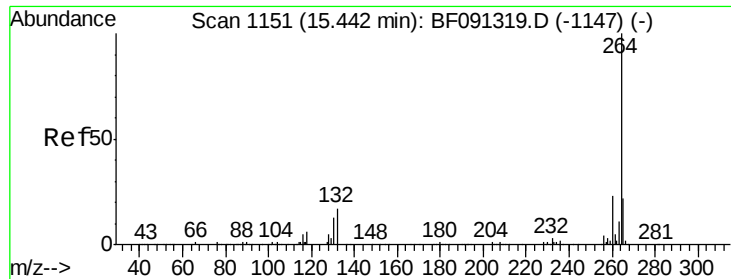
Ion Ratio Lower Upper

149 100

167 27.9 19.6 29.4

279 3.3 1.9 2.9#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.442 min Scan# 11

Delta R.T. -0.029 min

Lab File: BF091329.D

Acq: 29 Nov 2016 16:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 407660

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 22.3 17.0 25.6

