

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088133.D
 Acq On : 18 Jun 2016 14:45
 Operator : UM/SJ
 Sample : H3501-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELD DUPLICATE

Quant Time: Jun 20 05:16:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

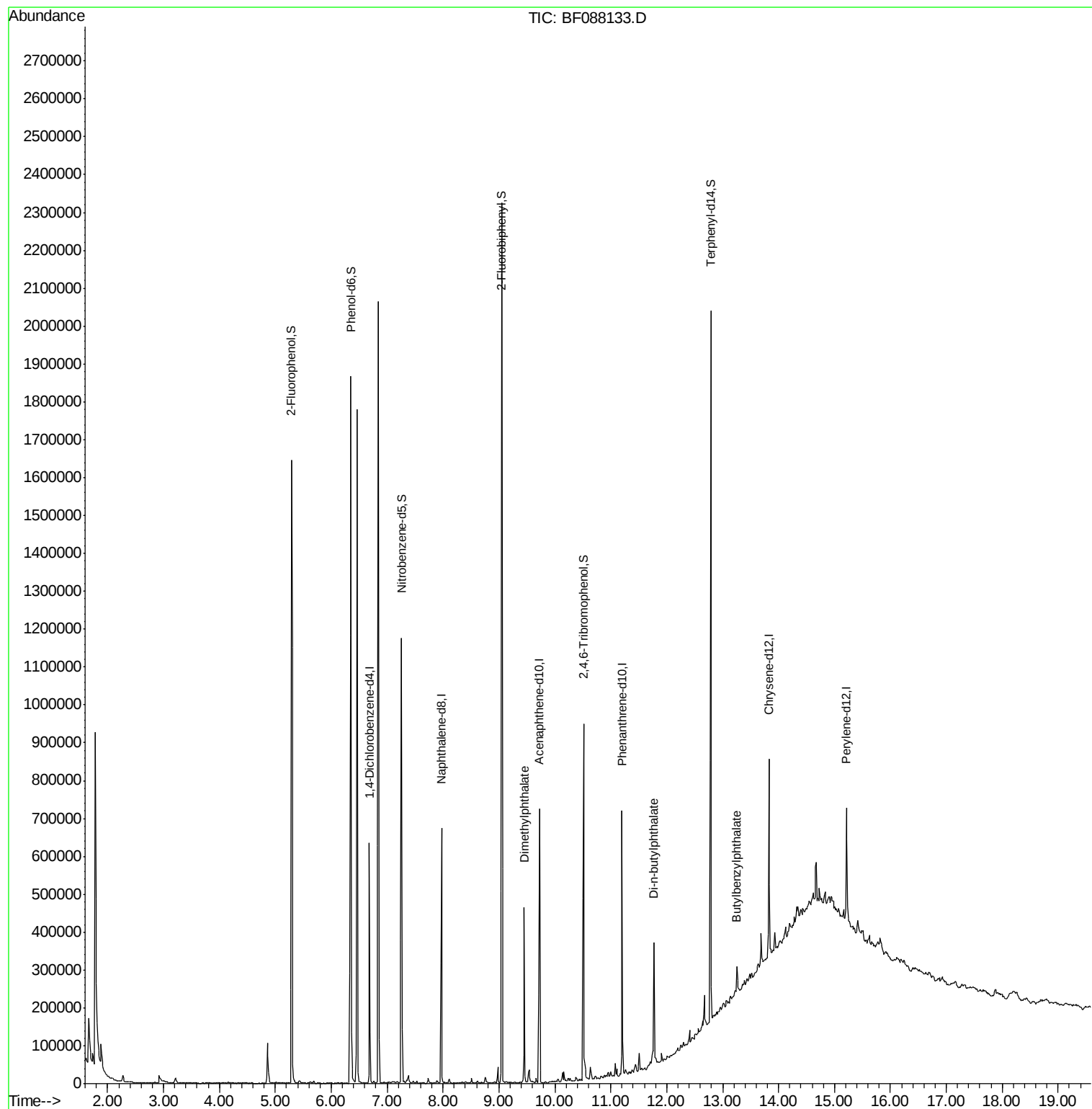
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	96072	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	363387	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	147728	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	230949	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	185144	20.00	ng	-0.02
86) Perylene-d12	15.21	264	146968	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	689002	122.60	ng	0.01
7) Phenol-d6	6.35	99	820194	120.43	ng	0.00
23) Nitrobenzene-d5	7.26	82	415070	66.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	127372	81.66	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	813179	86.58	ng	-0.02
78) Terphenyl-d14	12.79	244	606719	74.57	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	185296	17.32	ng	99
73) Di-n-butylphthalate	11.77	149	155675	10.75	ng	98
79) Butylbenzylphthalate	13.26	149	18968	3.12	ng	# 77

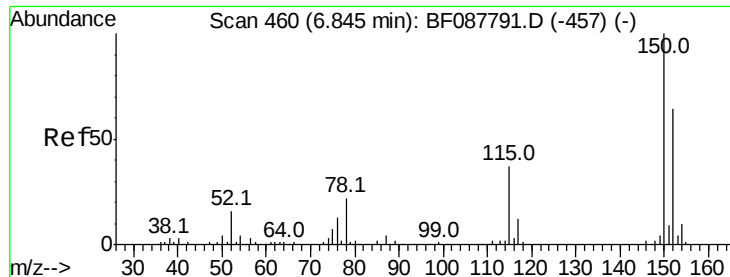
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088133.D

Acq: 18 Jun 2016 14:45

Instrument :

BNA_F

ClientSampleId :

FIELD DUPLICATE

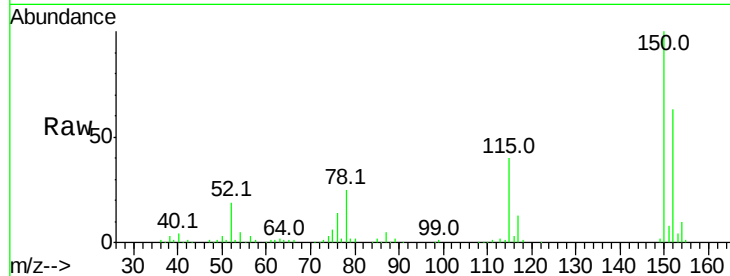
Tot Ion:152 Resp: 96072

Ion Ratio Lower Upper

152 100

150 157.7 123.8 185.6

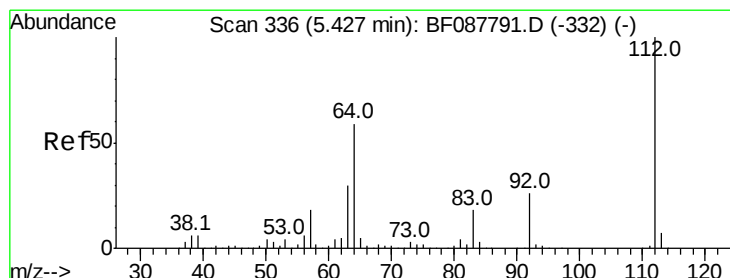
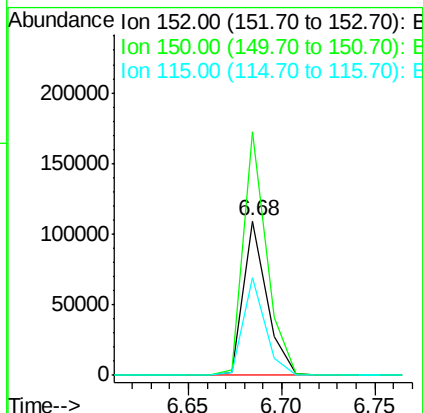
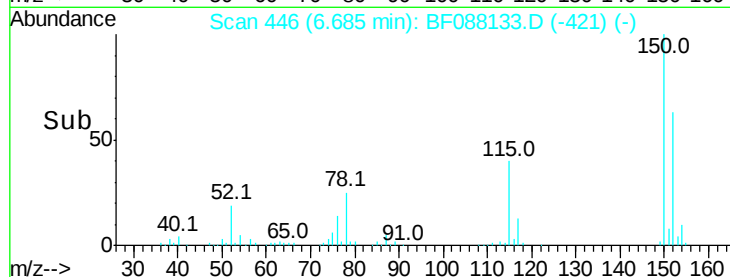
115 63.5 39.6 59.4#



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: 122.60 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF088133.D

Acq: 18 Jun 2016 14:45

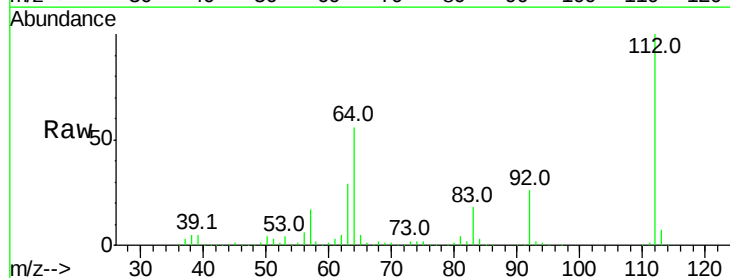
Tgt Ion:112 Resp: 689002

Ion Ratio Lower Upper

112 100

64 56.3 42.2 63.2

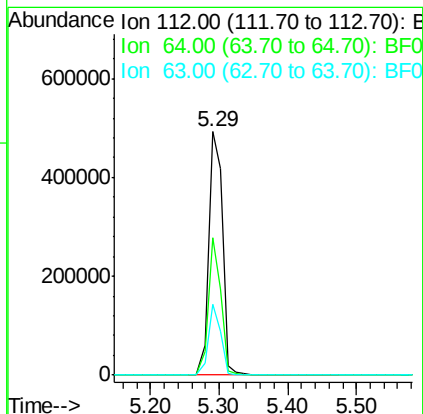
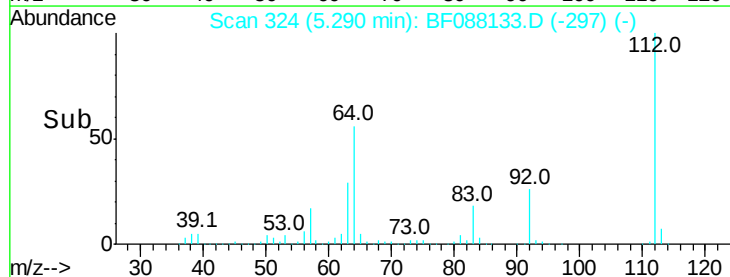
63 29.0 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.43 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088133.D

Acq: 18 Jun 2016 14:45

Instrument :

BNA_F

ClientSampleId :

FIELD DUPLICATE

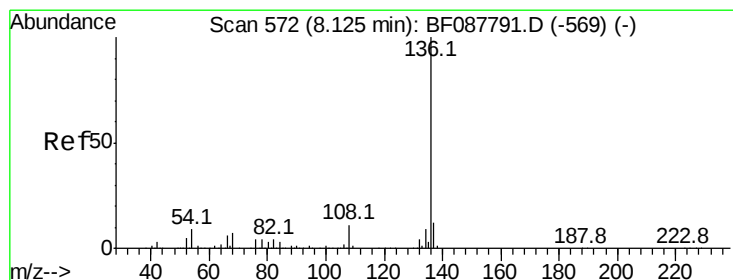
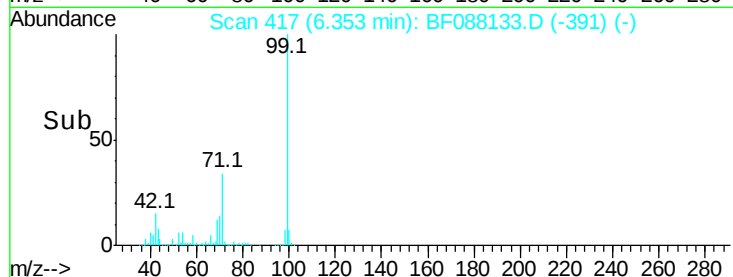
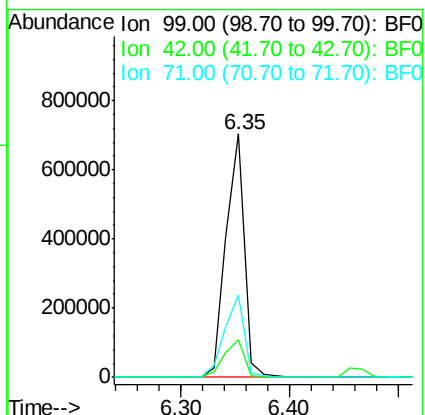
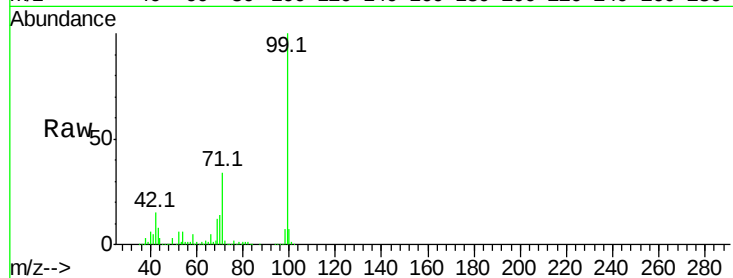
Tot Ion: 99 Resp: 820194

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

71 34.0 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088133.D

Acq: 18 Jun 2016 14:45

Tgt Ion: 136 Resp: 363387

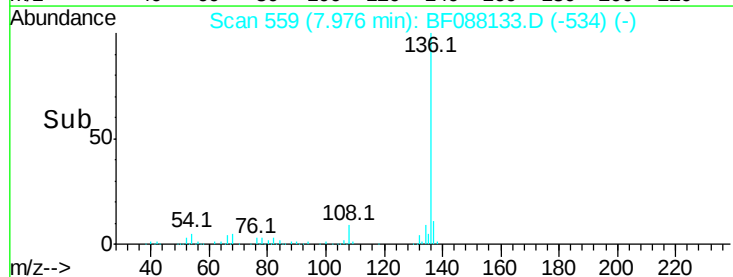
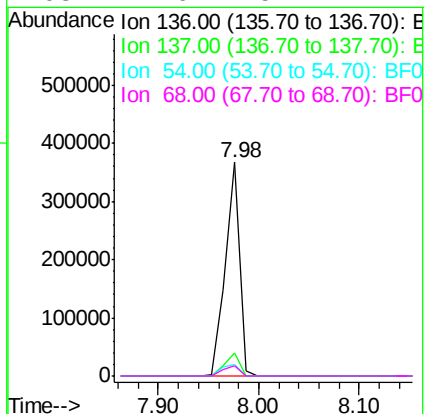
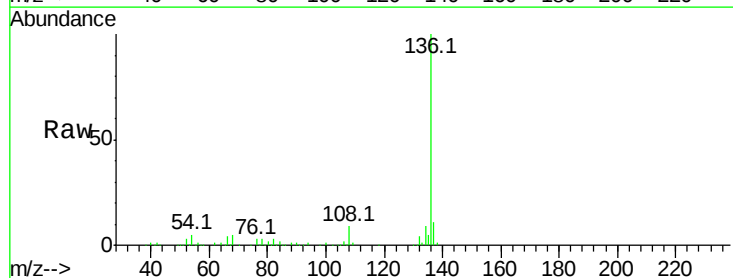
Ion Ratio Lower Upper

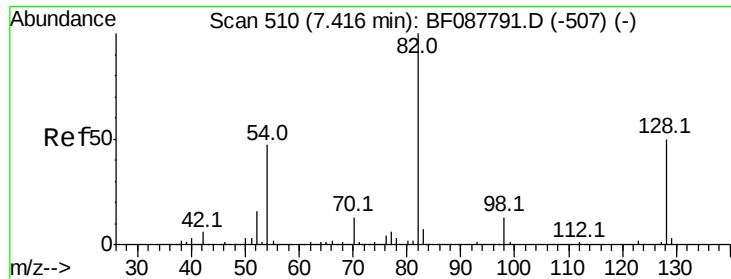
136 100

137 10.6 9.1 13.7

54 5.3 6.6 10.0#

68 4.6 5.1 7.7#

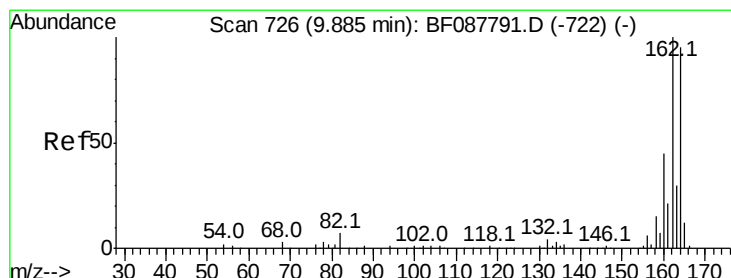
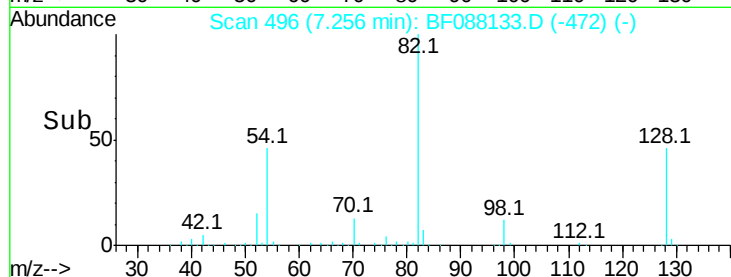
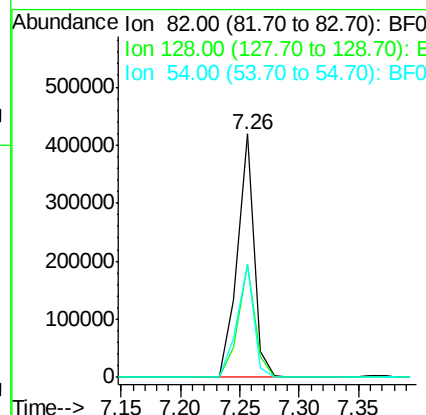
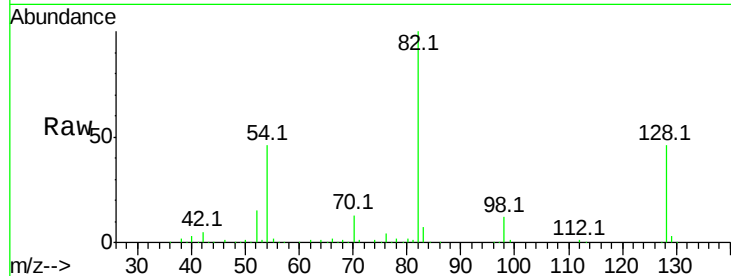




#23
 Nitrobenzene-d5
 Concen: 66.70 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088133.D
 Acq: 18 Jun 2016 14:45

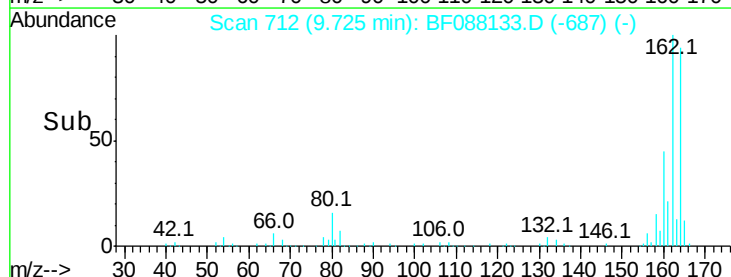
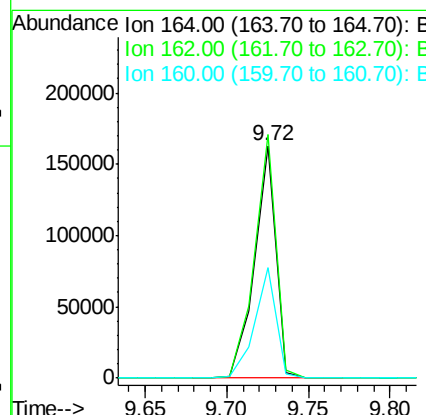
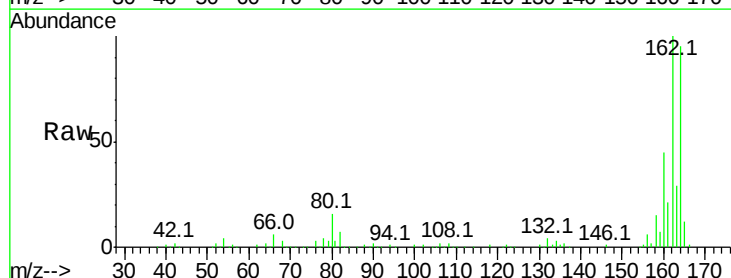
Instrument :
 BNA_F
 ClientSampleId :
 FIELD DUPLICATE

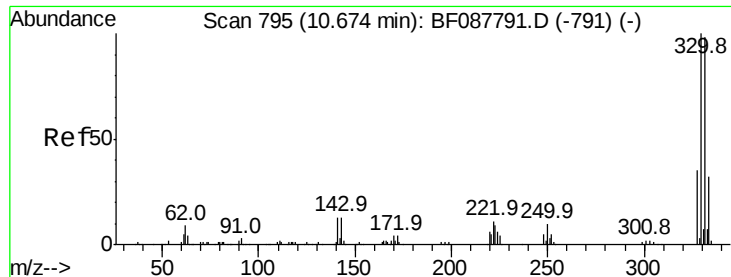
Tot Ion	82	Resp	415070
Ion Ratio	Lower	Upper	
82	100		
128	46.2	35.9	53.9
54	46.3	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088133.D
 Acq: 18 Jun 2016 14:45

Tgt Ion	164	Resp	147728
Ion Ratio	Lower	Upper	
164	100		
162	104.9	85.4	128.2
160	47.7	39.5	59.3

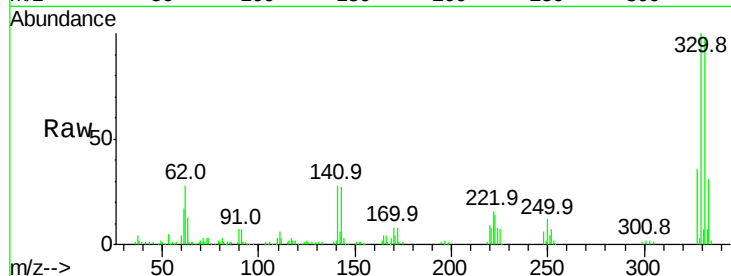




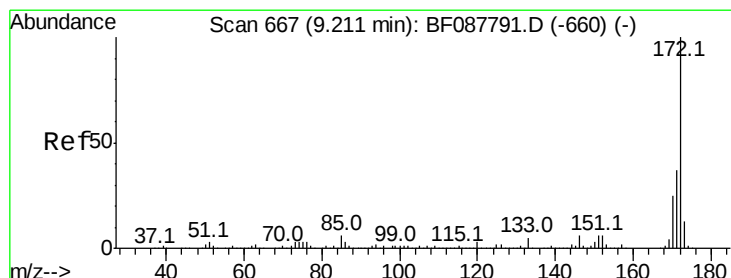
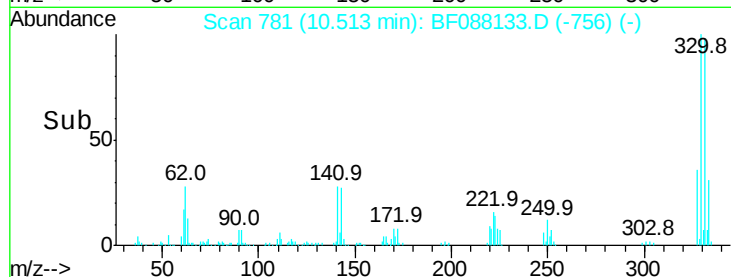
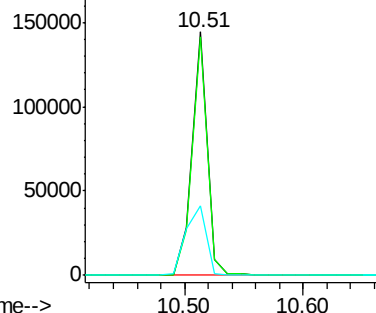
#41
 2,4,6-Tribromophenol
 Concen: 81.66 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088133.D
 Acq: 18 Jun 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 FIELD DUPLICATE

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	0.0	0.0#
141	38.5	0.0	0.0#

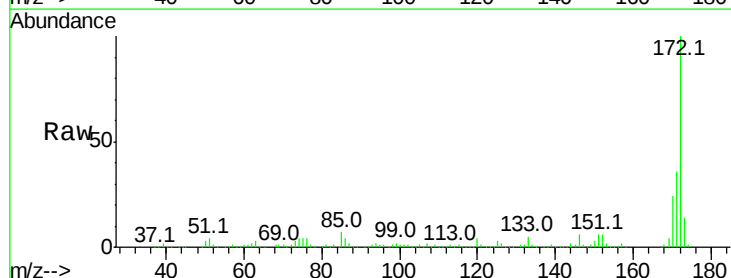


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

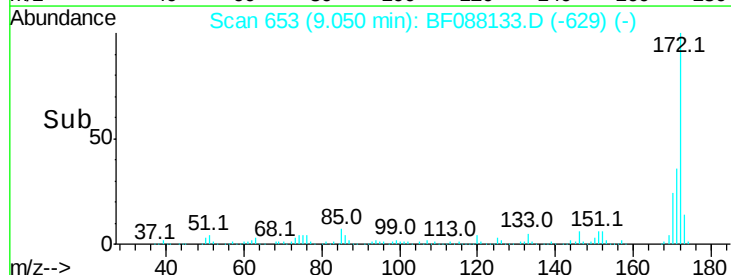
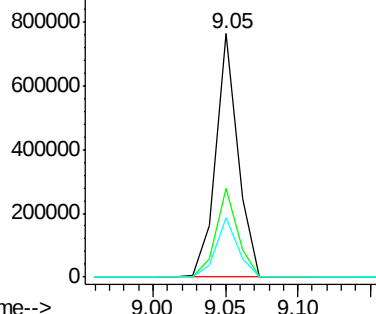


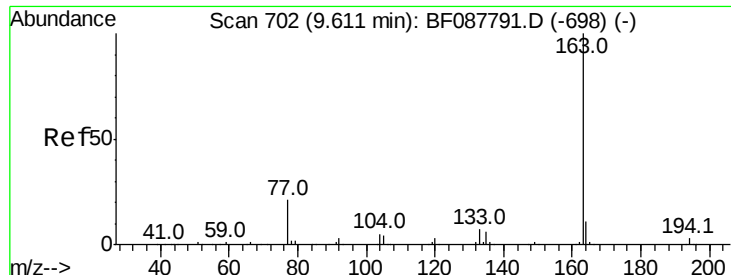
#44
 2-Fluorobiphenyl
 Concen: 86.58 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088133.D
 Acq: 18 Jun 2016 14:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.2	19.2	28.8



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

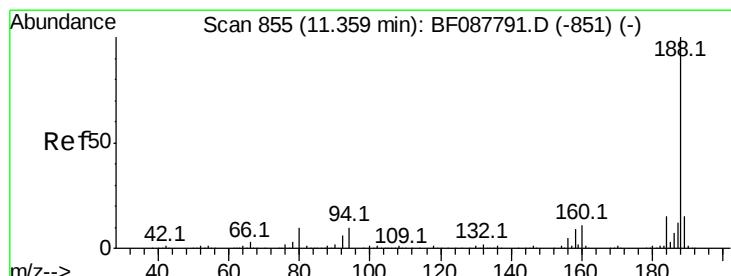
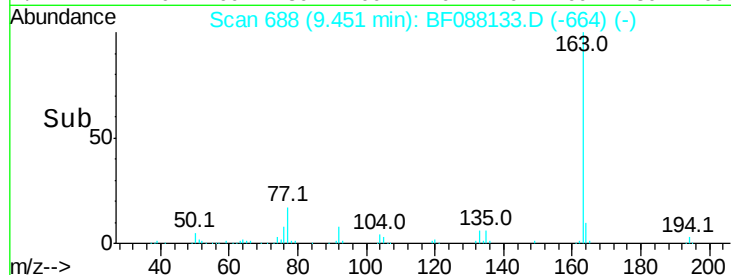
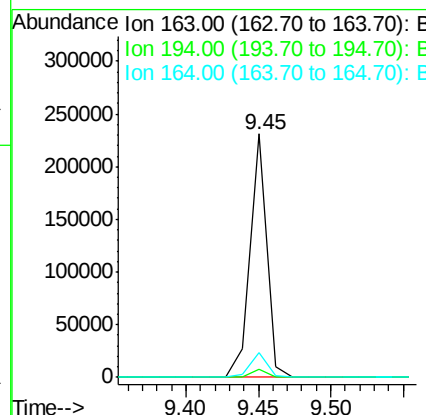
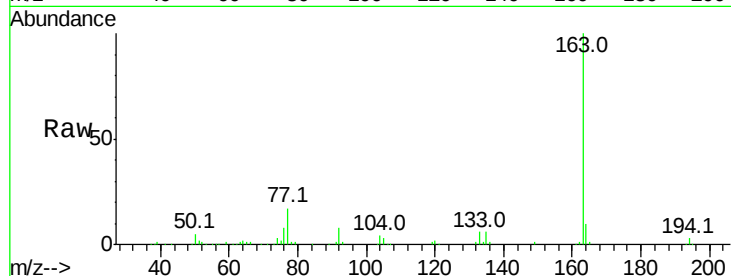




#49
Dimethylphthalate
Concen: 17.32 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF088133.D
Acq: 18 Jun 2016 14:45

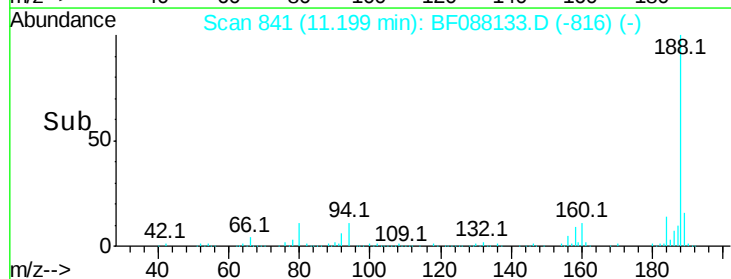
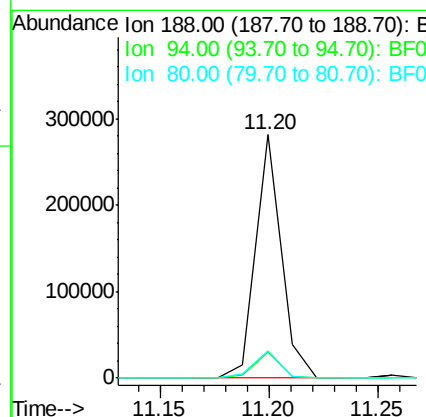
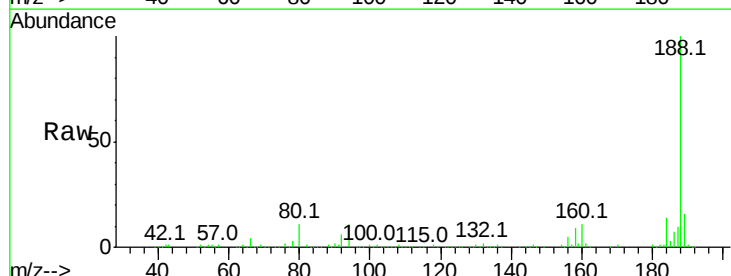
Instrument :
BNA_F
ClientSampleId :
FIELD DUPLICATE

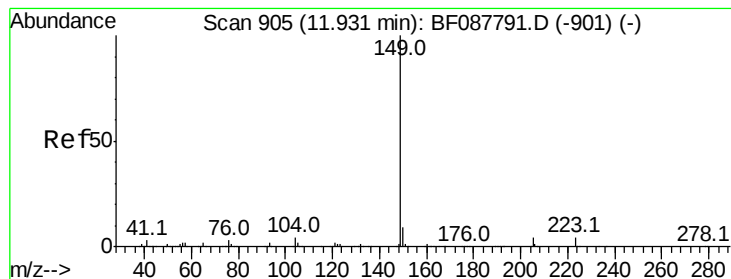
Tot Ion:163 Resp: 185296
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 9.9 8.3 12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088133.D
Acq: 18 Jun 2016 14:45

Tgt Ion:188 Resp: 230949
Ion Ratio Lower Upper
188 100
94 10.6 9.0 13.6
80 11.1 10.0 15.0





#73

Di-n-butylphthalate

Concen: 10.75 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF088133.D

Acq: 18 Jun 2016 14:45

Instrument :

BNA_F

ClientSampleId :

FIELD DUPLICATE

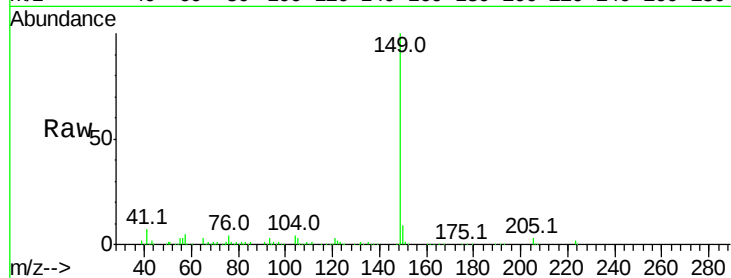
Tot Ion:149 Resp: 155675

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

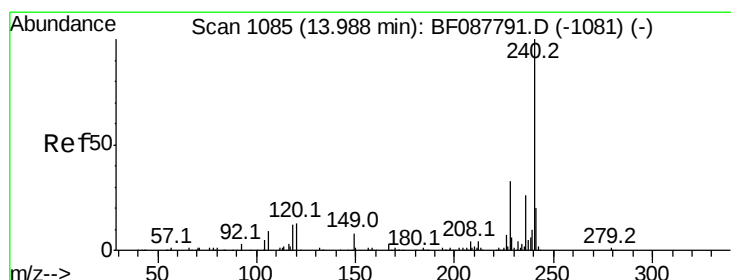
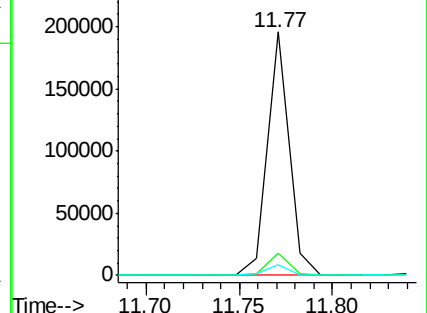
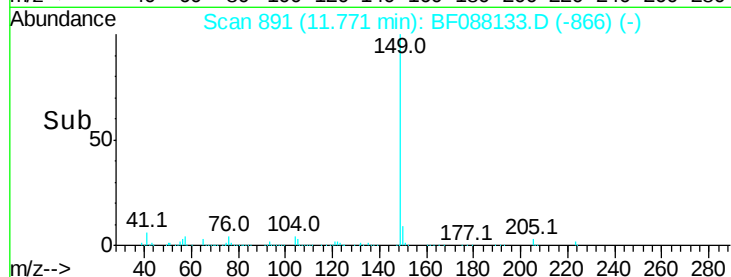
104 4.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088133.D

Acq: 18 Jun 2016 14:45

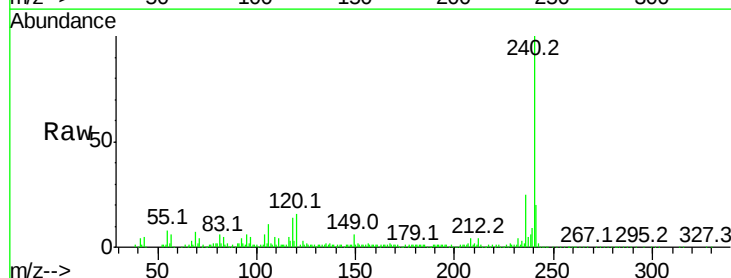
Tgt Ion:240 Resp: 185144

Ion Ratio Lower Upper

240 100

120 16.4 6.8 10.2#

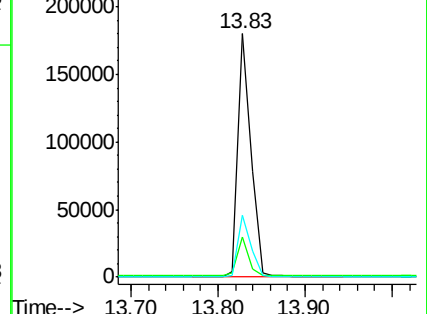
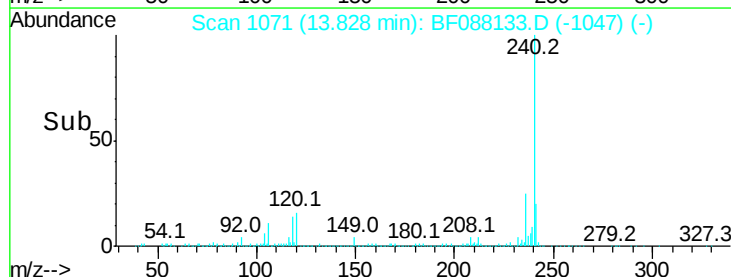
236 25.2 20.2 30.2

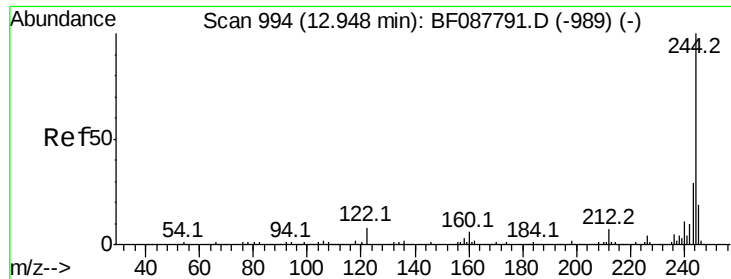


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

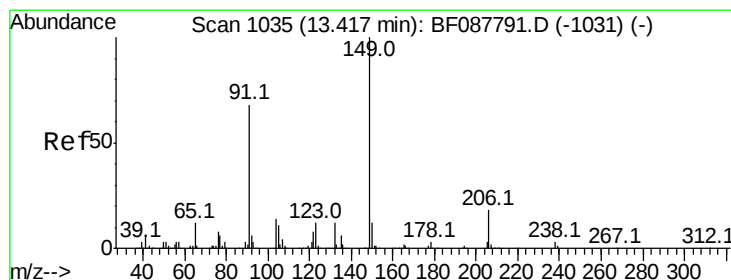
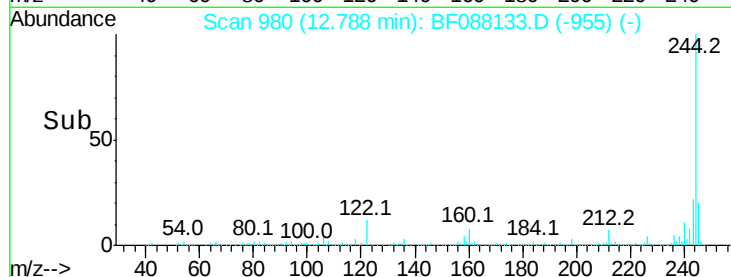
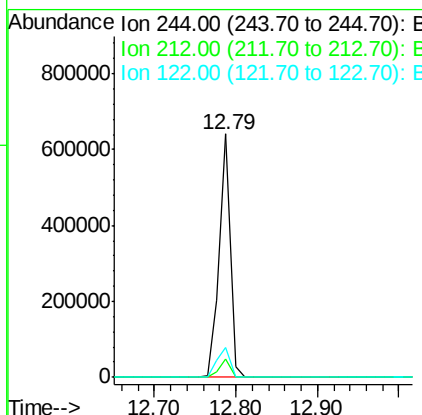
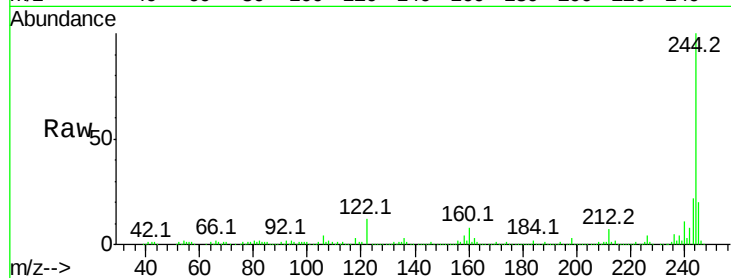




#78
 Terphenyl-d14
 Concen: 74.57 ng
 RT: 12.79 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF088133.D
 Acq: 18 Jun 2016 14:45

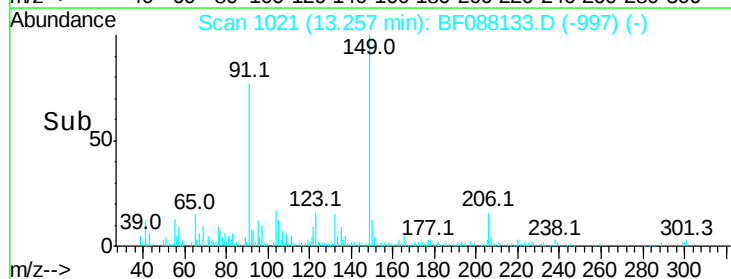
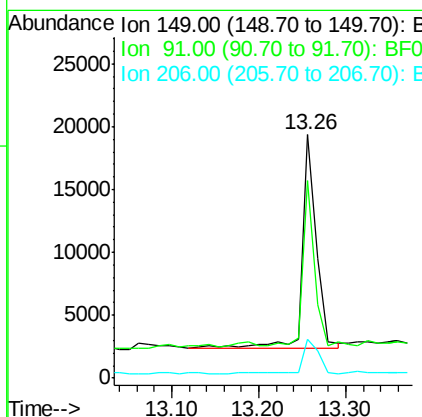
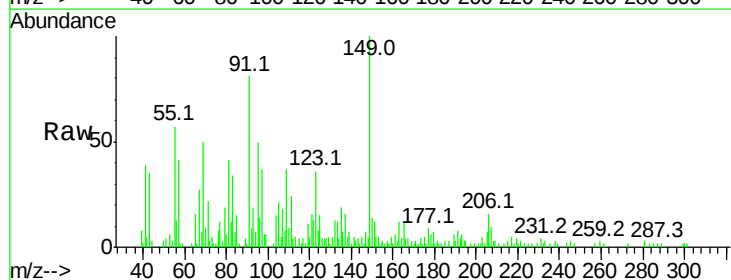
Instrument :
 BNA_F
 ClientSampleId :
 FIELD DUPLICATE

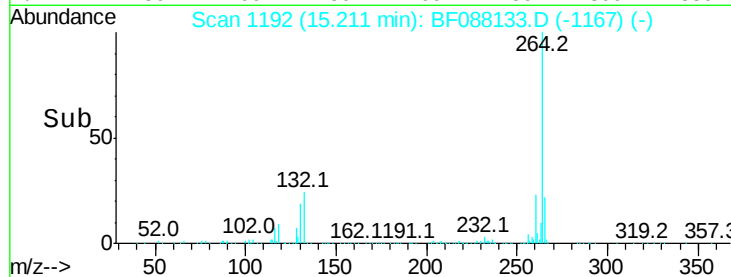
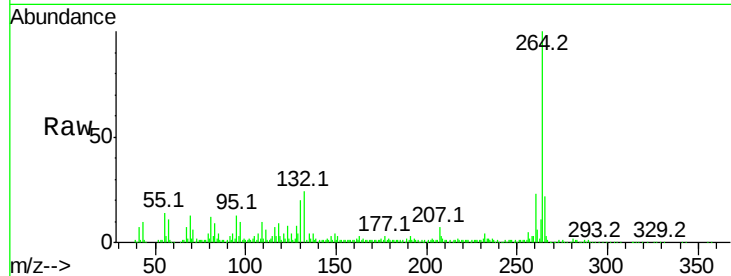
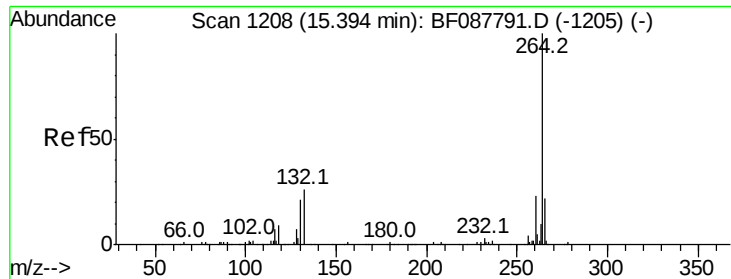
Tot Ion:244 Resp: 606719
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 12.2 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 3.12 ng
 RT: 13.26 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF088133.D
 Acq: 18 Jun 2016 14:45

Tgt Ion:149 Resp: 18968
 Ion Ratio Lower Upper
 149 100
 91 81.0 48.0 72.0#
 206 15.8 16.0 24.0#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.21 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF088133.D

Acq: 18 Jun 2016 14:45

Instrument :

BNA_F

ClientSampleId :

FIELD DUPLICATE

Tot Ion: 264 Resp: 146968

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.0 16.9 25.3

