

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091887.D
 Acq On : 22 Dec 2016 15:47
 Operator : UM/SJ
 Sample : H6182-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-51(11.5-13.5)-121916

Manual Integrations
 APPROVED

SOHIL
 12/23/2016 5:52:54 PM

Quant Time: Dec 23 02:42:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	305527	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	1055015	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	468589	20.00	ng	0.01
63) Phenanthrene-d10	11.28	188	645911	20.00	ng	0.01
75) Chrysene-d12	13.91	240	544989	20.00	ng	0.00
86) Perylene-d12	15.31	264	518532	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2419861	132.25	ng	0.07
7) Phenol-d6	6.46	99	3098883	138.71	ng	0.06
23) Nitrobenzene-d5	7.32	82	1899581	100.12	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	389737	100.50	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	2763880	127.27	ng	0.01
78) Terphenyl-d14	12.87	244	1636940	72.85	ng	0.01
Target Compounds						
10) Phenol	6.48	94	176268m	6.92	ng	Qvalue
49) Dimethylphthalate	9.52	163	335716	11.20	ng	# 88
83) Bis(2-ethylhexyl)phthalate	13.89	149	665152	31.06	ng	94

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

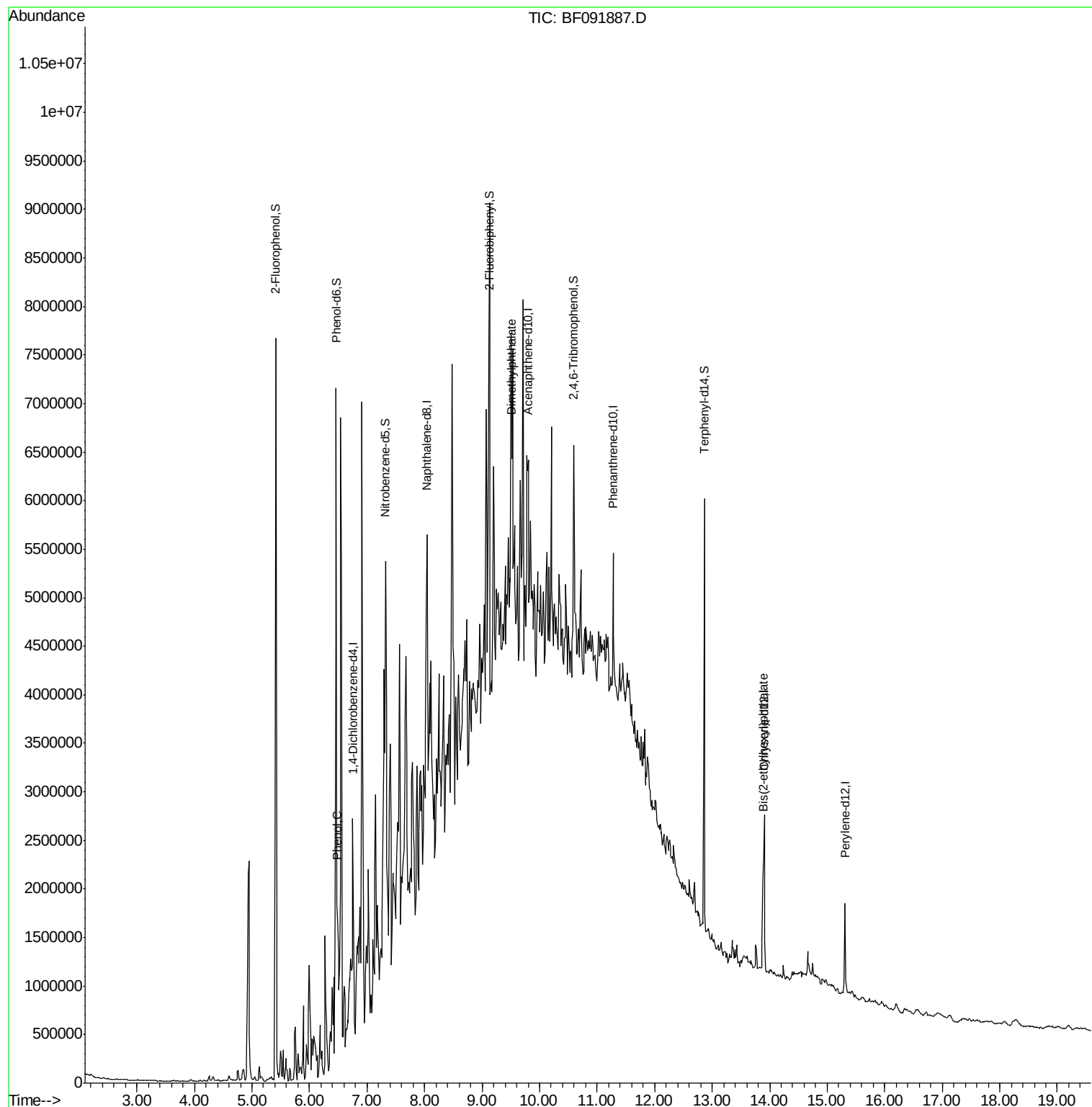
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091887.D
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Operator : UM/SJ
Sample : H6182-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

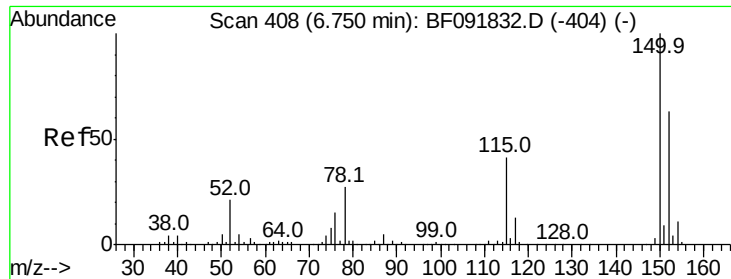
Instrument :
BNA_F
ClientSampleId :
SB-51(11.5-13.5)-121916

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12/23/2016 5:52:54 PM

Quant Time: Dec 23 02:42:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration





#1

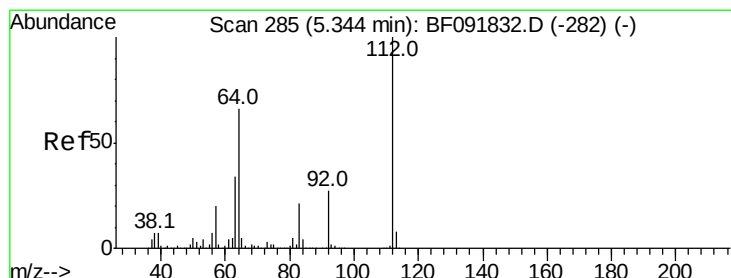
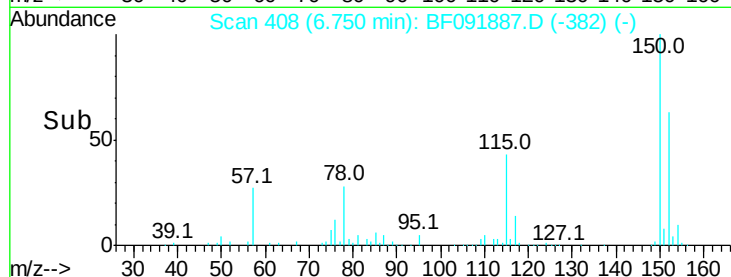
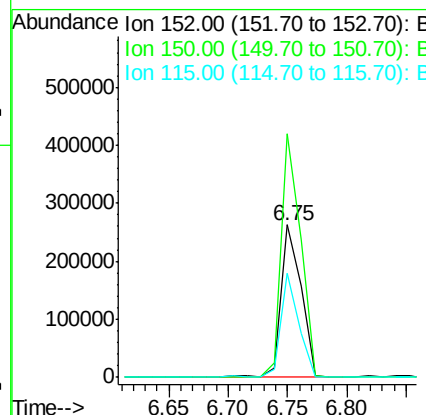
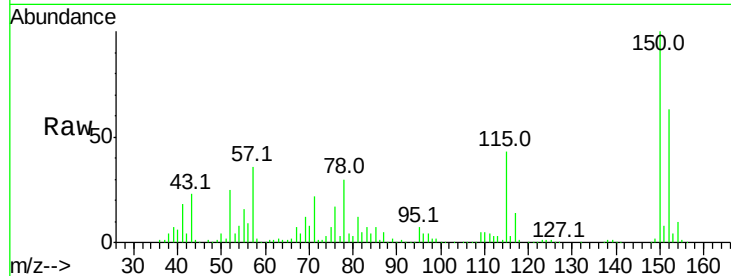
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF091887.D
Acq: 22 Dec 2016 15:47

Instrument :
BNA_F
ClientSampleId :
SB-51(11.5-13.5)-121916

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.9	187.3
115	68.0	46.0	69.0

Manual Integrations
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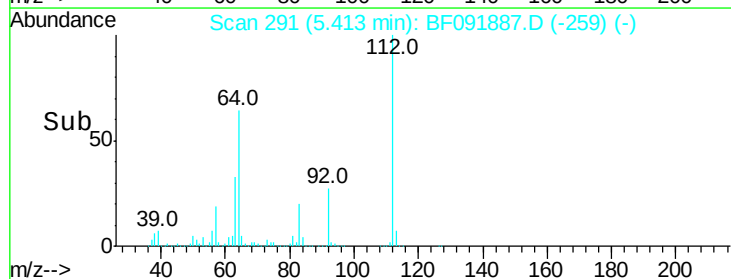
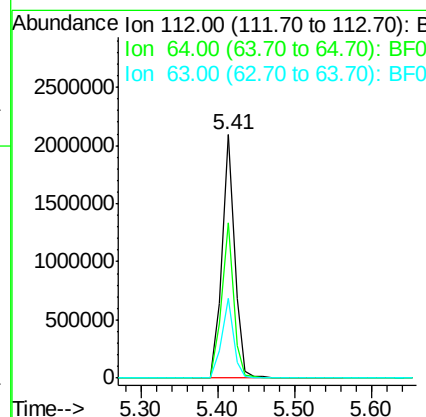
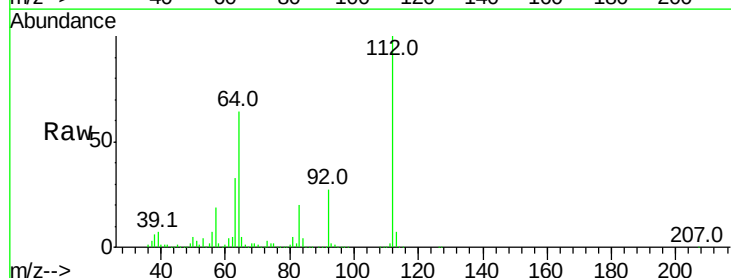
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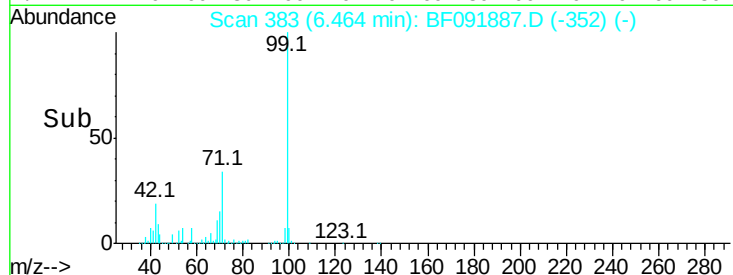
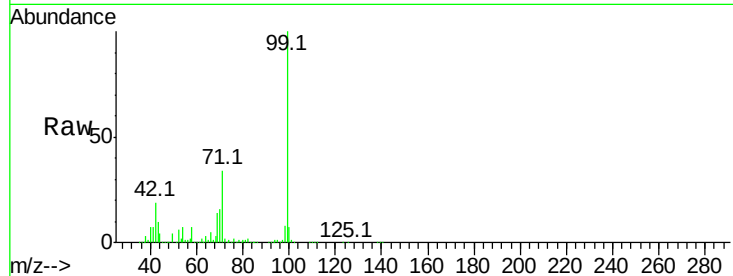
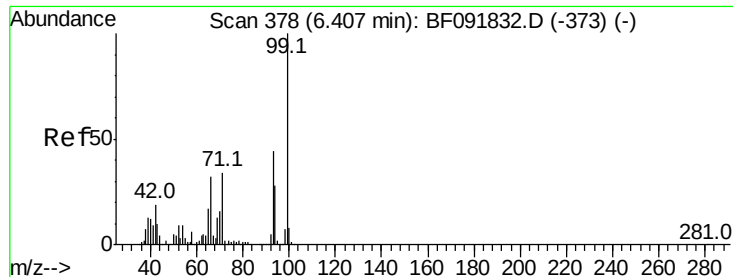


#5

2-Fluorophenol
Concen: 132.25 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.07 min
Lab File: BF091887.D
Acq: 22 Dec 2016 15:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	46.1	69.1
63	32.5	23.8	35.6





#7

Phenol-d6

Concen: 138.71 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.06 min

Lab File: BF091887.D

Acq: 22 Dec 2016 15:47

Tot Ion: 99 Resp: 3098883

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

71 34.4 27.5 41.3

Instrument :

BNA_F

ClientSampleId :

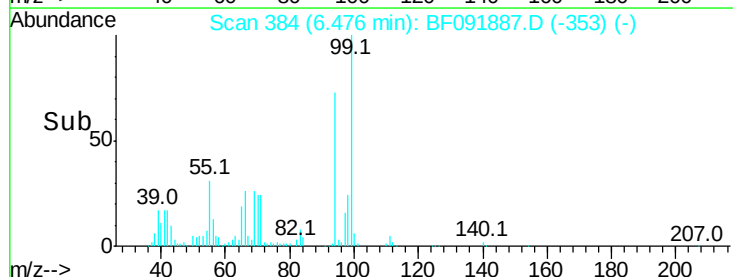
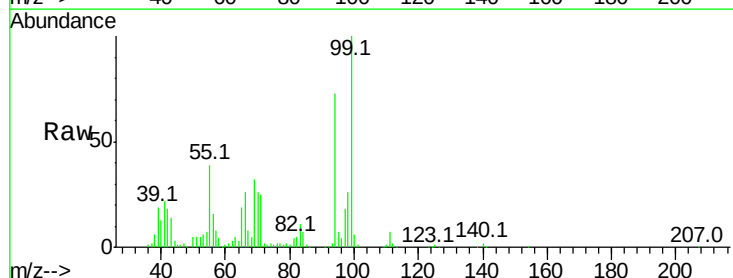
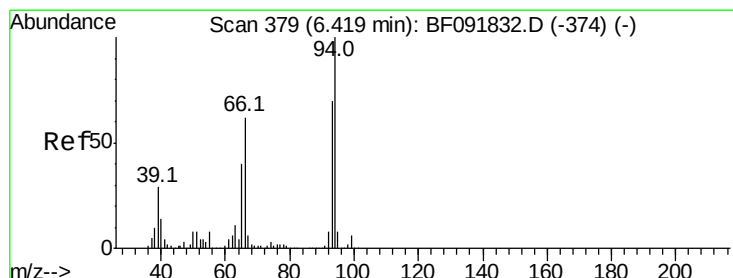
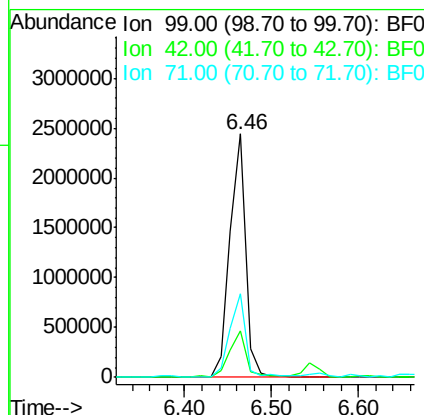
SB-51(11.5-13.5)-121916

Manual Integrations

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#10

Phenol

Concen: 6.92 ng m

RT: 6.48 min Scan# 384

Delta R.T. 0.06 min

Lab File: BF091887.D

Acq: 22 Dec 2016 15:47

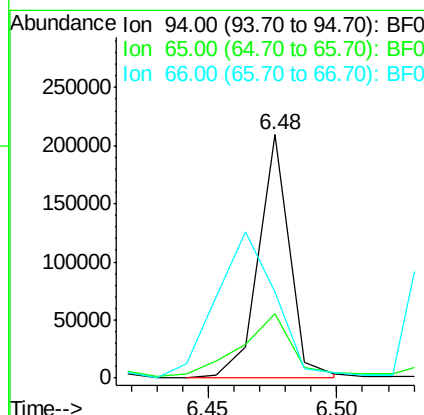
Tgt Ion: 94 Resp: 176268

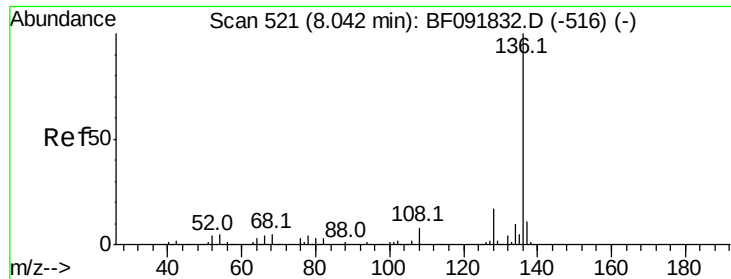
Ion Ratio Lower Upper

94 100

65 26.4 21.4 61.4

66 35.2 44.0 84.0#





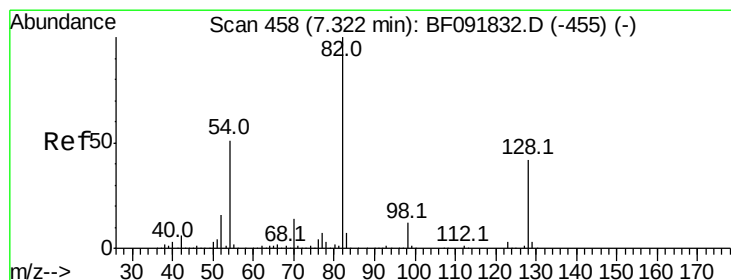
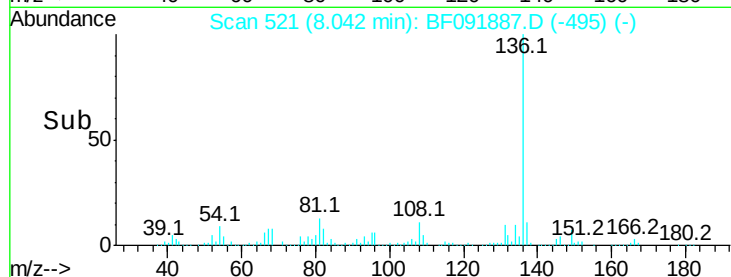
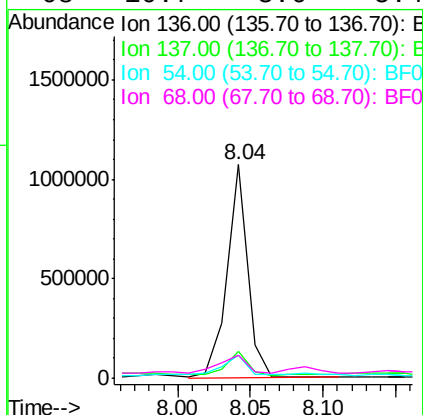
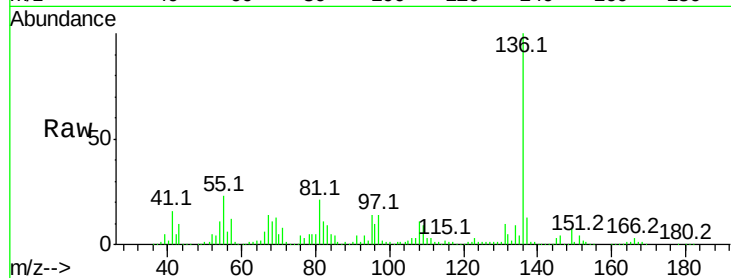
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091887.D
Acq: 22 Dec 2016 15:47

Instrument :
BNA_F
ClientSampleId :
SB-51(11.5-13.5)-121916

Tot Ion	136	Resp	1055015
Ion	Ratio	Lower	Upper
136	100		
137	12.7	8.4	12.6#
54	10.7	4.5	6.7#
68	10.7	3.6	5.4#

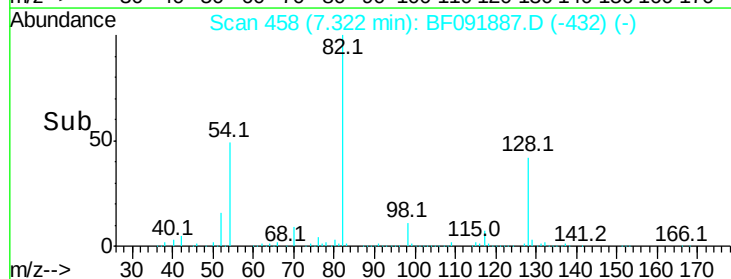
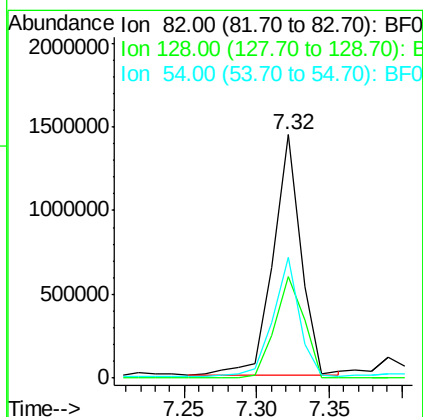
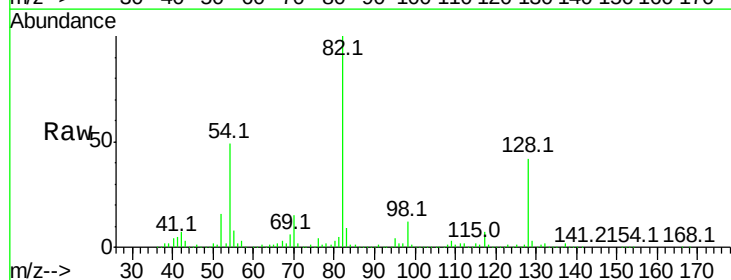
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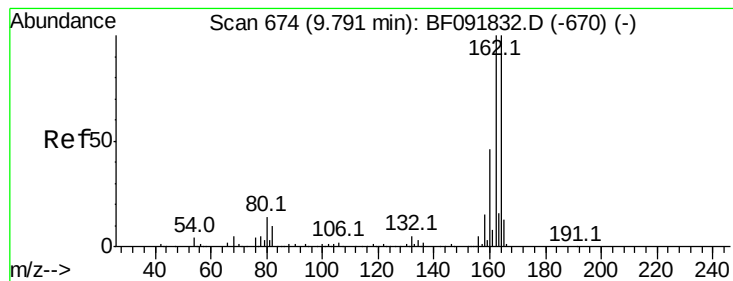
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#23
Nitrobenzene-d5
Concen: 100.12 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF091887.D
Acq: 22 Dec 2016 15:47

Tgt Ion	82	Resp	1899581
Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	52.0
54	49.4	39.5	59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.01 min

Lab File: BF091887.D

Acq: 22 Dec 2016 15:47

Instrument :

BNA_F

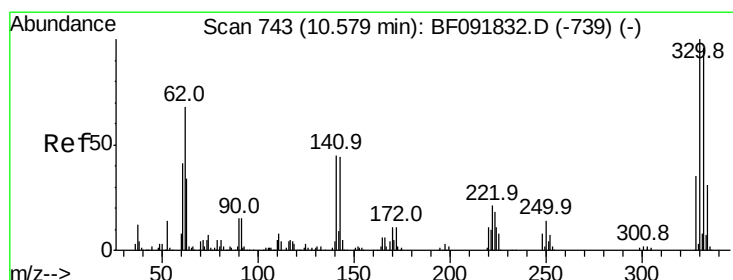
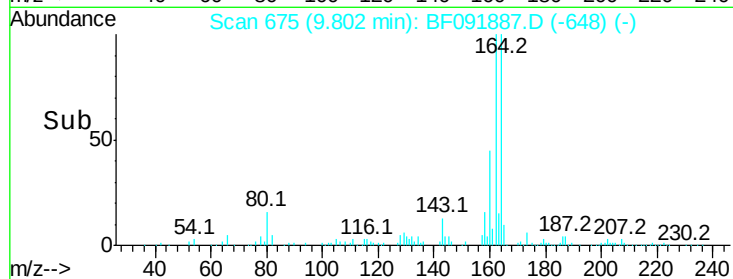
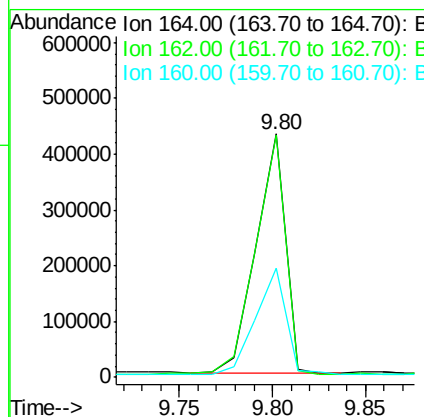
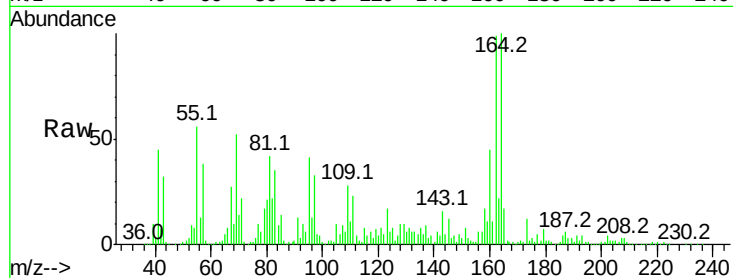
ClientSampleId :

SB-51(11.5-13.5)-121916

Tot Ion:	164	Resp:	468589
Ion Ratio	Lower	Upper	
164	100		
162	99.5	80.2	120.2
160	45.1	36.9	55.3

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 100.50 ng

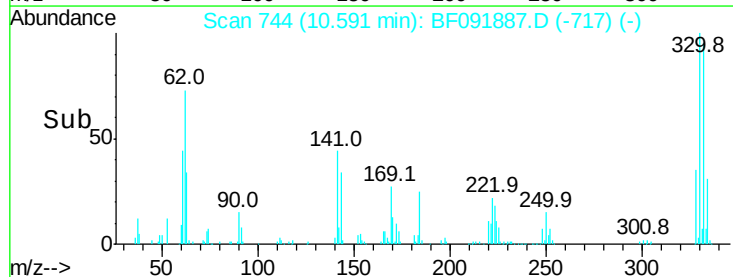
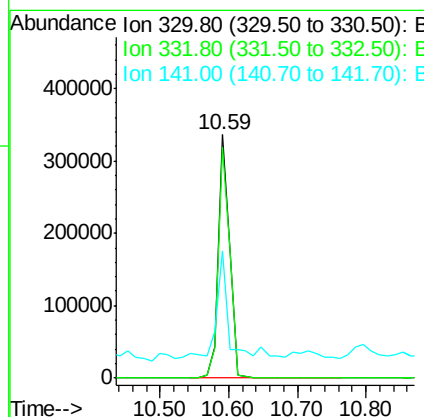
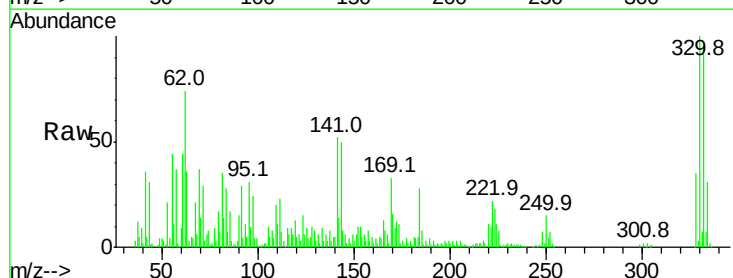
RT: 10.59 min Scan# 744

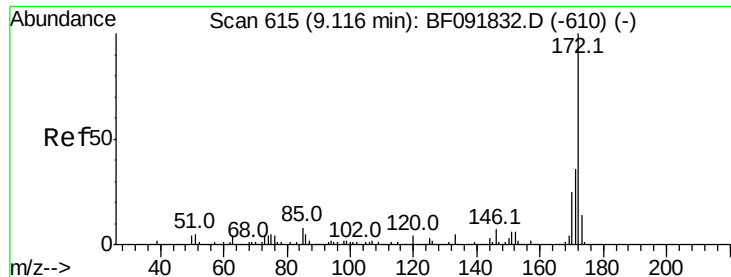
Delta R.T. 0.01 min

Lab File: BF091887.D

Acq: 22 Dec 2016 15:47

Tgt Ion:	330	Resp:	389737
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.4	116.2
141	44.0	34.1	51.1





#44

2-Fluorobiphenyl

Concen: 127.27 ng

RT: 9.13 min Scan# 616

Delta R.T. 0.01 min

Lab File: BF091887.D

Acq: 22 Dec 2016 15:47

Instrument :

BNA_F

ClientSampleId :

SB-51(11.5-13.5)-121916

Tot Ion:172 Resp: 2763880

Ion Ratio Lower Upper

172 100

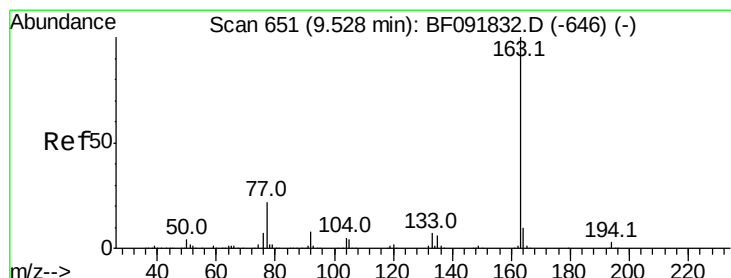
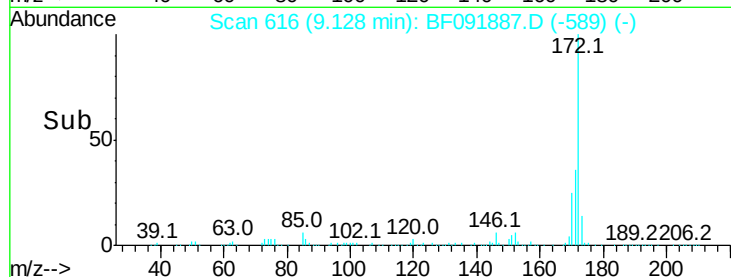
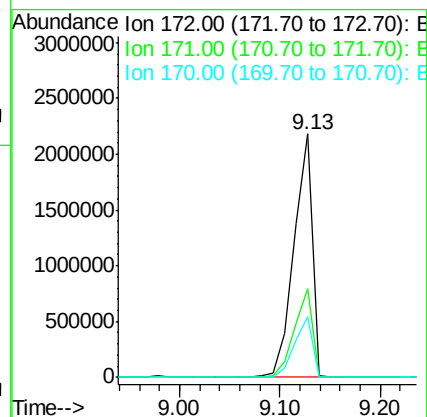
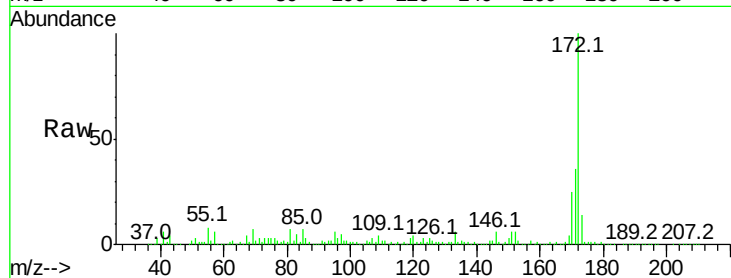
171 36.3 29.4 44.0

170 25.1 20.2 30.4

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#49

Dimethylphthalate

Concen: 11.20 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091887.D

Acq: 22 Dec 2016 15:47

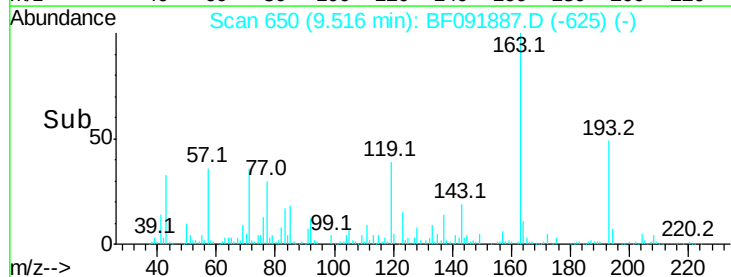
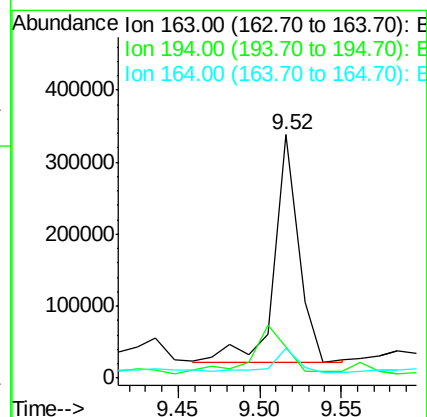
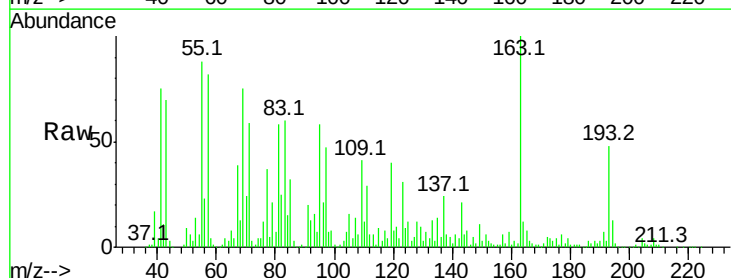
Tgt Ion:163 Resp: 335716

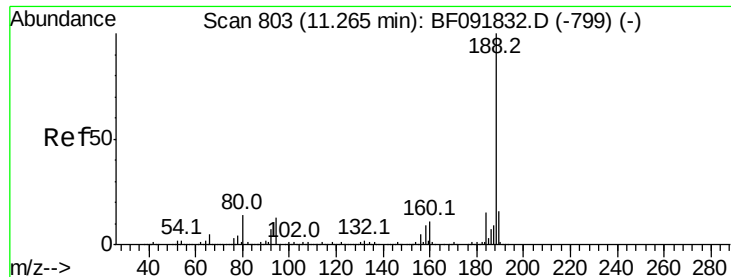
Ion Ratio Lower Upper

163 100

194 12.6 3.0 4.4#

164 12.4 8.0 12.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF091887.D

Acq: 22 Dec 2016 15:47

Instrument :

BNA_F

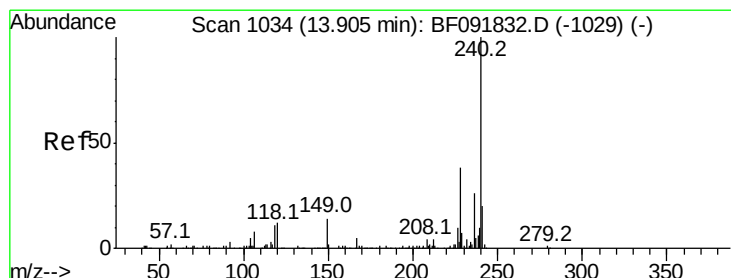
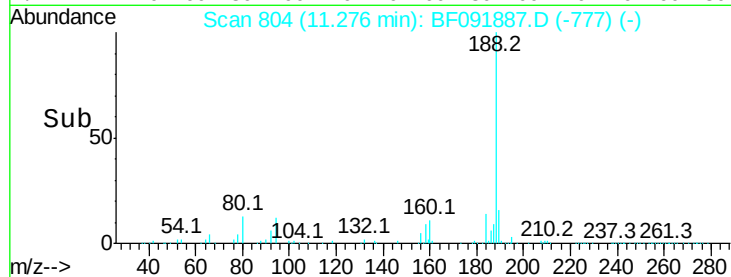
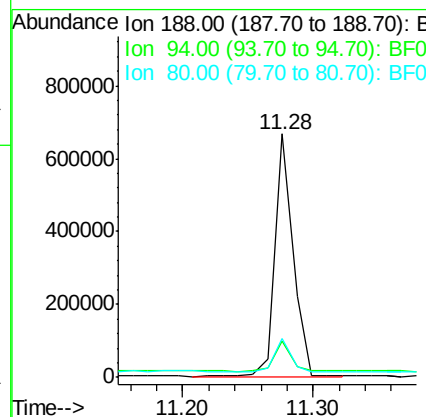
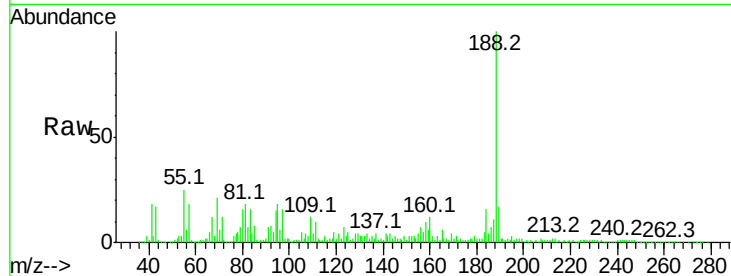
ClientSampleId :

SB-51(11.5-13.5)-121916

Tot Ion:	188	Resp:	645911
Ion Ratio	Lower	Upper	
188	100		
94	14.7	10.0	15.0
80	15.8	11.2	16.8

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

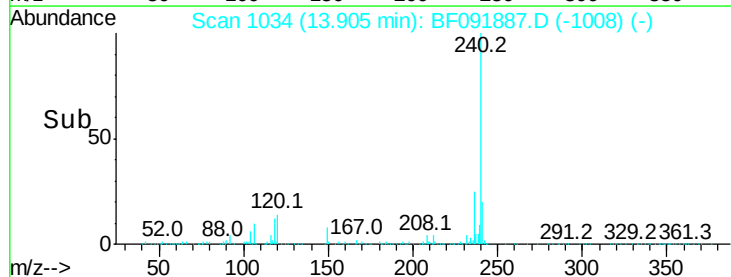
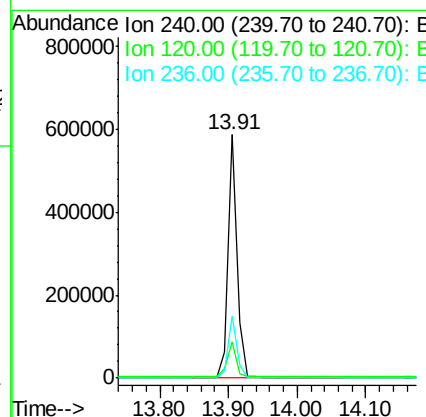
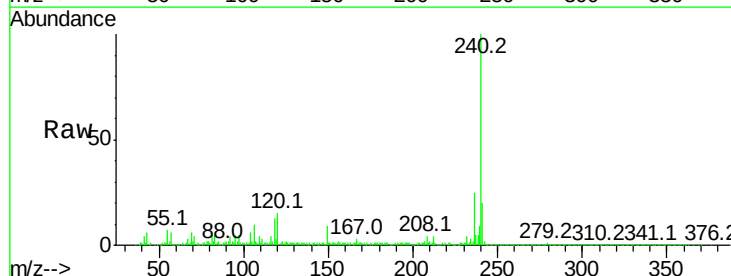
RT: 13.91 min Scan# 1034

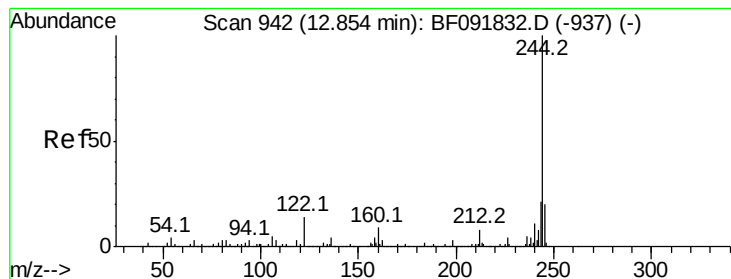
Delta R.T. -0.00 min

Lab File: BF091887.D

Acq: 22 Dec 2016 15:47

Tgt Ion:	240	Resp:	544989
Ion Ratio	Lower	Upper	
240	100		
120	14.6	12.9	19.3
236	25.4	20.9	31.3





#78

Terphenyl-d14

Concen: 72.85 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF091887.D

Acq: 22 Dec 2016 15:47

Instrument :

BNA_F

ClientSampleId :

SB-51(11.5-13.5)-121916

Tot Ion:244 Resp: 1636940

Ion Ratio Lower Upper

244 100

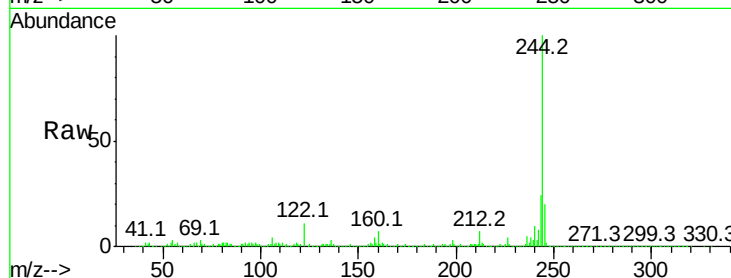
212 7.1 6.2 9.2

122 10.9 11.4 17.2#

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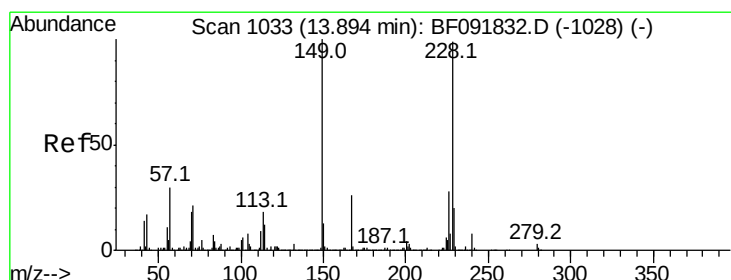
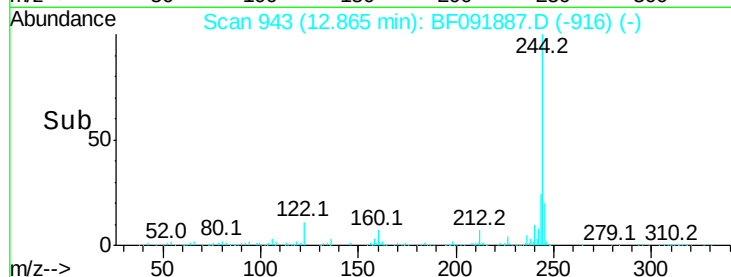
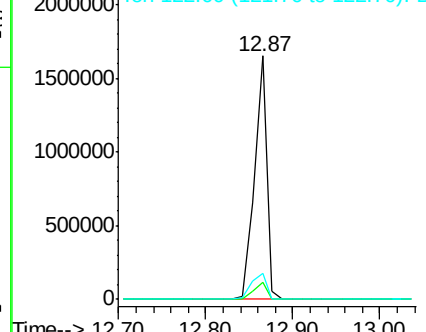
12/23/2016 5:52:54 PM



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 31.06 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF091887.D

Acq: 22 Dec 2016 15:47

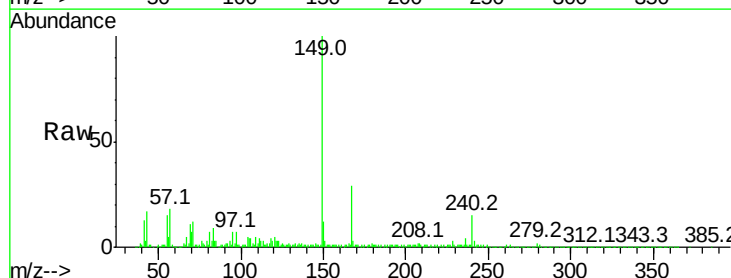
Tgt Ion:149 Resp: 665152

Ion Ratio Lower Upper

149 100

167 28.6 20.2 30.4

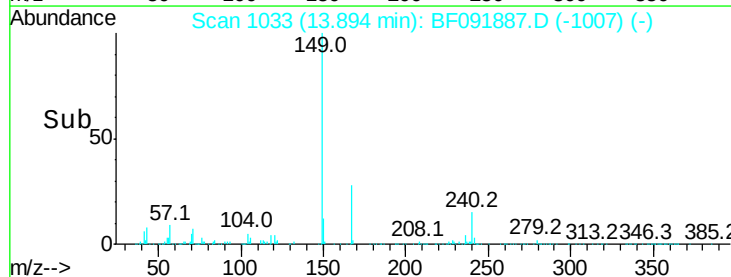
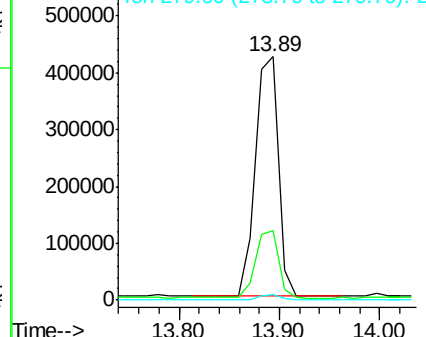
279 2.2 1.8 2.8

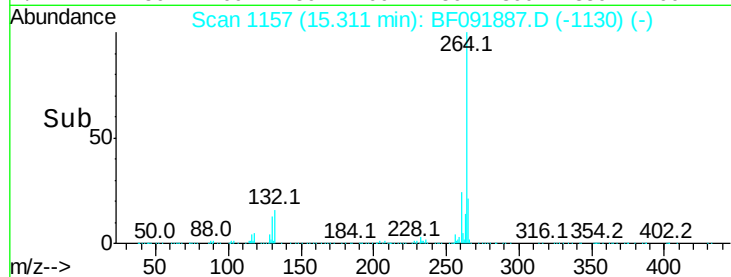
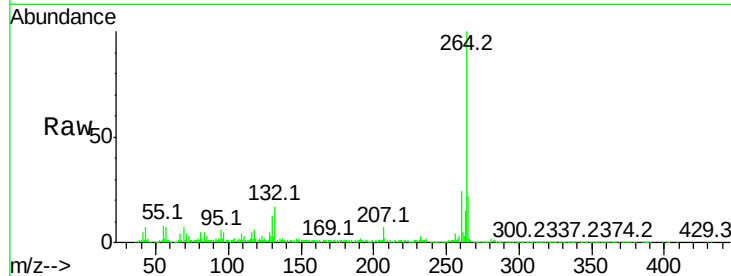
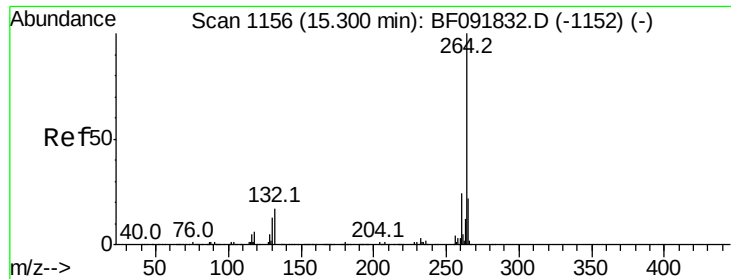


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF091887.D
Acq: 22 Dec 2016 15:47

Instrument :
BNA_F
ClientSampleId :
SB-51(11.5-13.5)-121916

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.9	17.4	26.0

Manual Integrations
APPROVED

SOHIL
12/23/2016 5:52:54 PM

