

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097624.D
 Acq On : 12 Aug 2017 7:09
 Operator : SJ/JU
 Sample : I4704-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-5-OILY-GRAVEL

Quant Time: Aug 14 01:50:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

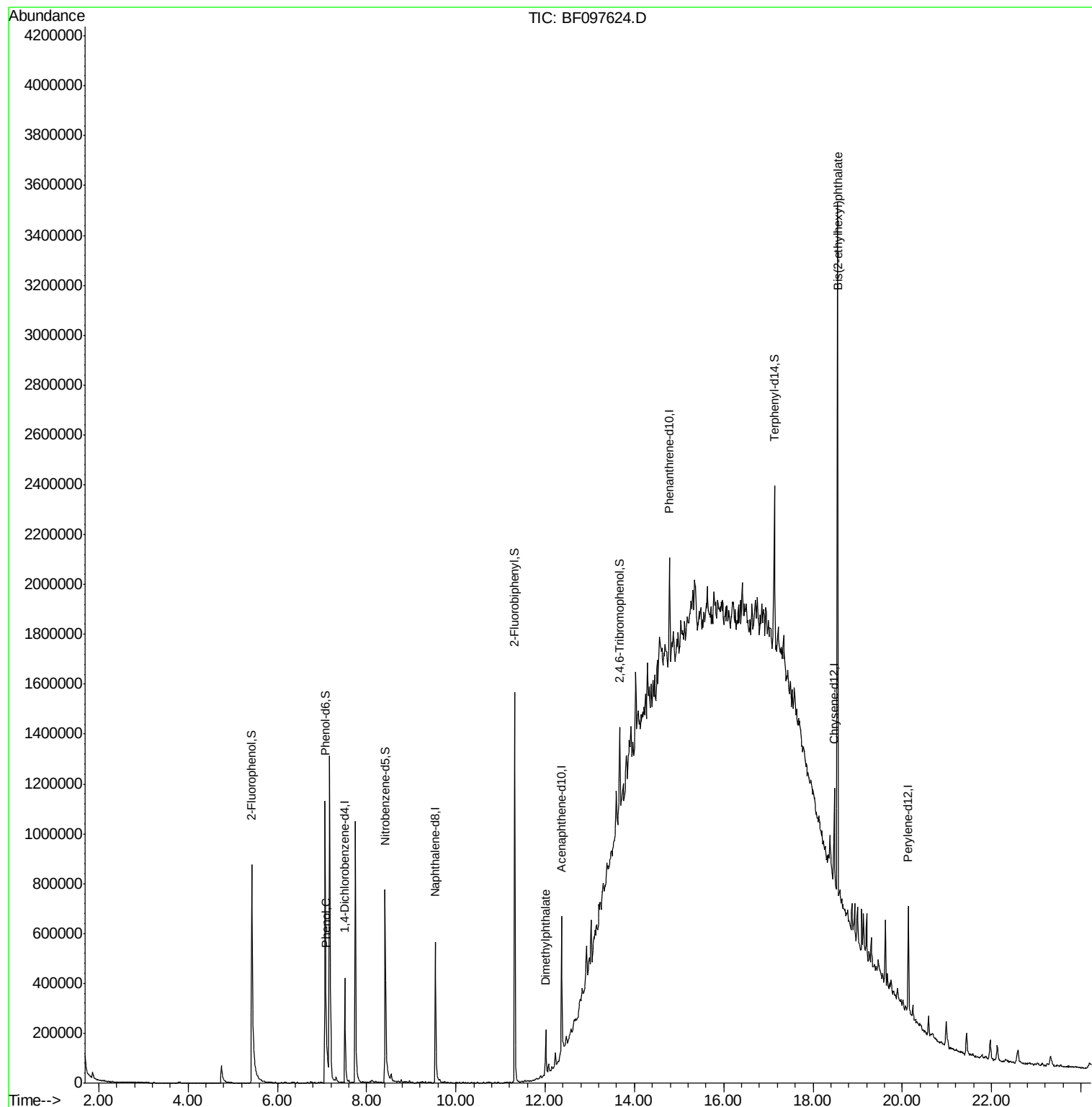
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	98192	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	393544	20.00	ng	0.00
38) Acenaphthene-d10	12.36	164	158941	20.00	ng	0.00
63) Phenanthrene-d10	14.78	188	183343	20.00	ng	0.02
75) Chrysene-d12	18.47	240	186026	20.00	ng	0.01
86) Perylene-d12	20.13	264	186595	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	543190	87.93	ng	0.02
7) Phenol-d6	7.07	99	681203	88.89	ng	0.01
23) Nitrobenzene-d5	8.42	82	403700	64.32	ng	0.00
41) 2,4,6-Tribromophenol	13.67	330	82600	68.36	ng	0.00
44) 2-Fluorobiphenyl	11.32	172	666470	63.28	ng	0.00
78) Terphenyl-d14	17.13	244	340118	37.84	ng	0.01
Target Compounds						
10) Phenol	7.09	94	22672	2.702	ng	Qvalue # 58
49) Dimethylphthalate	12.01	163	104746	8.551	ng	99
83) Bis(2-ethylhexyl)phthalate	18.55	149	1134735	124.056	ng	99

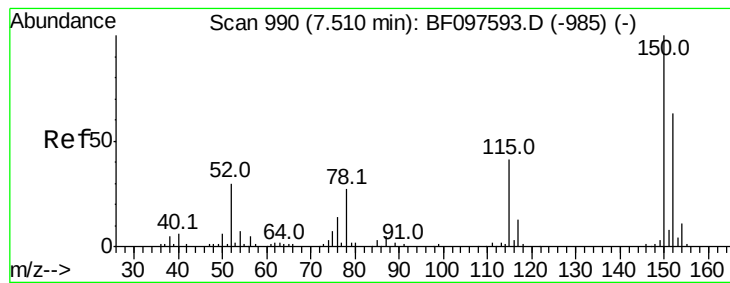
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.51 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF097624.D

Acq: 12 Aug 2017 7:09

Instrument :

BNA_F

ClientSampleId :

DRUM-5-OILY-GRAVEL

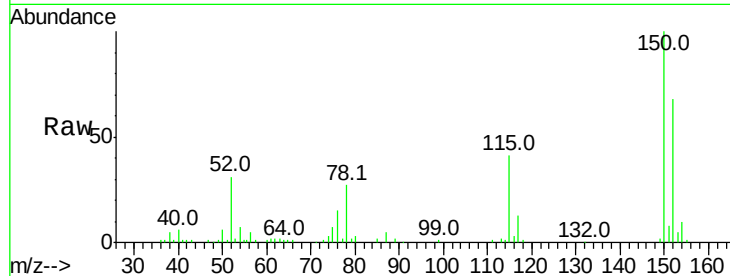
Tot Ion:152 Resp: 98192

Ion Ratio Lower Upper

152 100

150 147.0 126.2 189.2

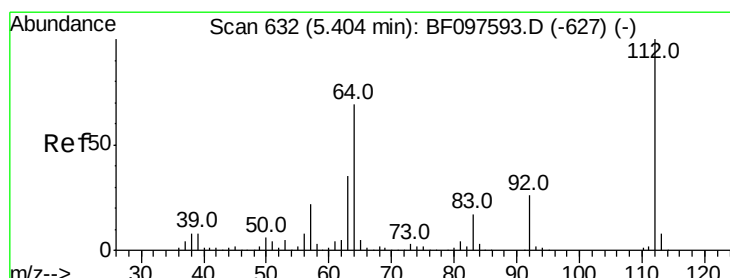
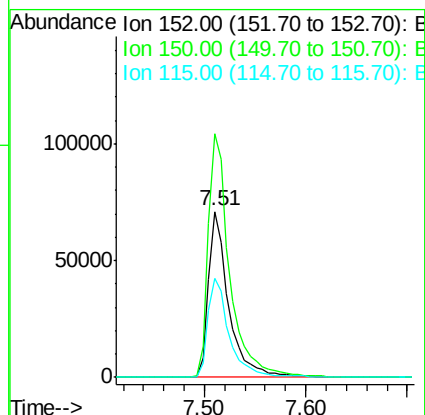
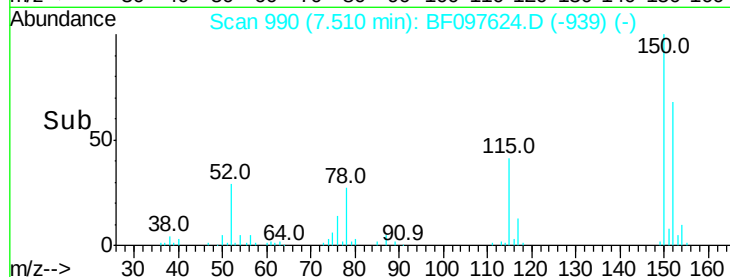
115 60.1 52.2 78.2



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: 87.930 ng

RT: 5.43 min Scan# 636

Delta R.T. 0.02 min

Lab File: BF097624.D

Acq: 12 Aug 2017 7:09

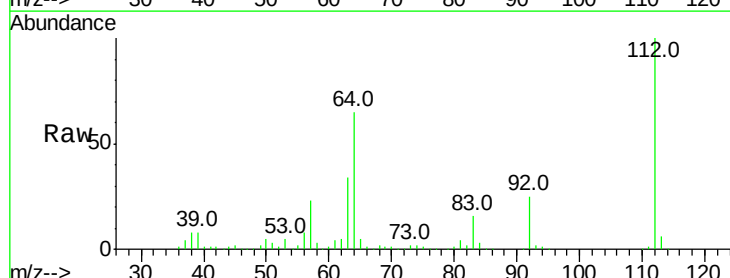
Tgt Ion:112 Resp: 543190

Ion Ratio Lower Upper

112 100

64 64.6 46.0 69.0

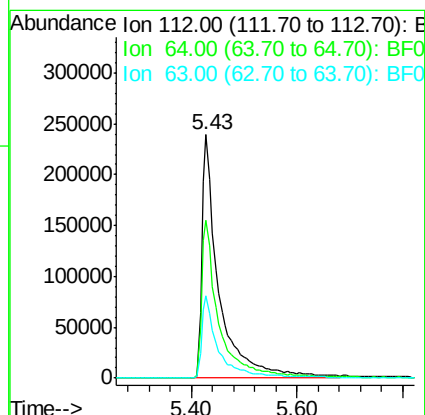
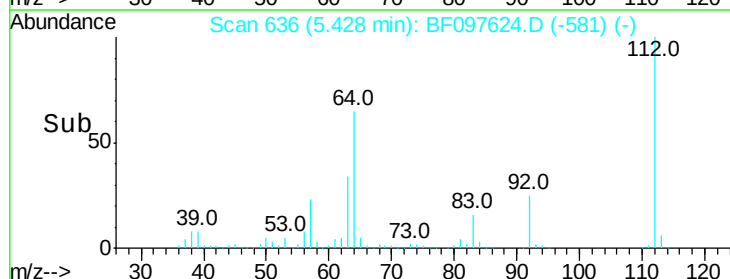
63 33.7 23.4 35.0

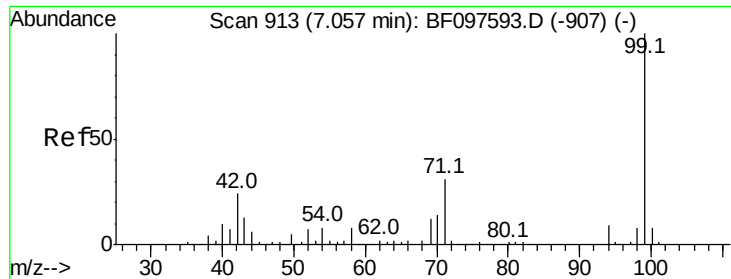


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 88.891 ng

RT: 7.07 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF097624.D

Acq: 12 Aug 2017 7:09

Instrument :

BNA_F

ClientSampleId :

DRUM-5-OILY-GRAVEL

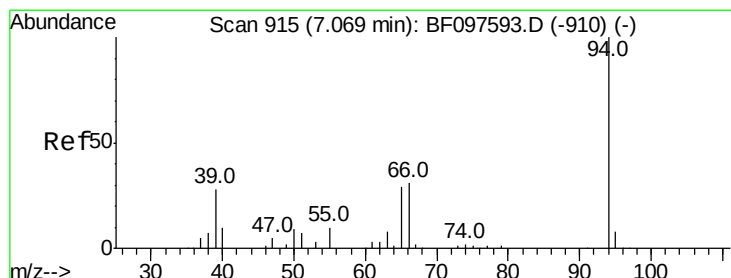
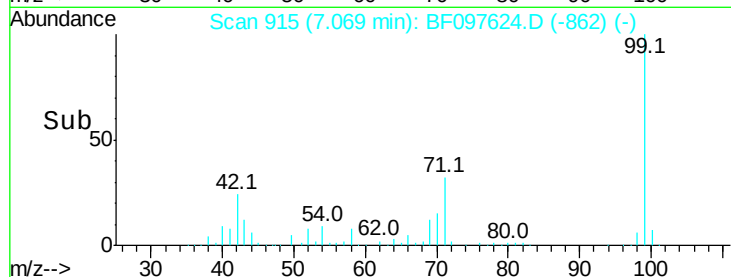
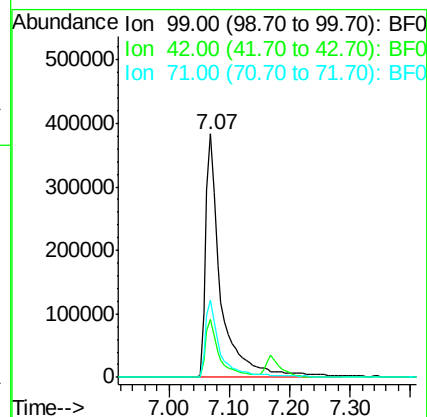
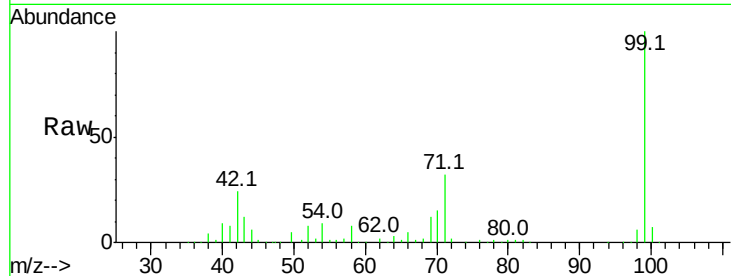
Tot Ion: 99 Resp: 681203

Ion Ratio Lower Upper

99 100

42 24.1 13.5 20.3#

71 31.9 24.5 36.7



#10

Phenol

Concen: 2.702 ng

RT: 7.09 min Scan# 919

Delta R.T. 0.02 min

Lab File: BF097624.D

Acq: 12 Aug 2017 7:09

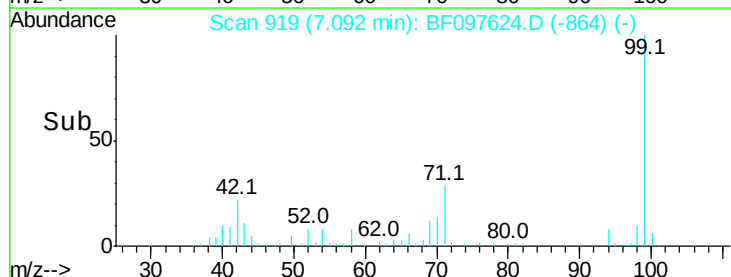
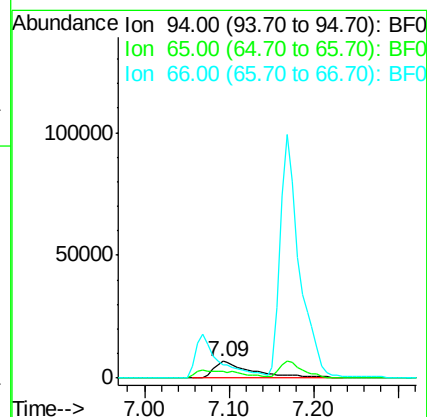
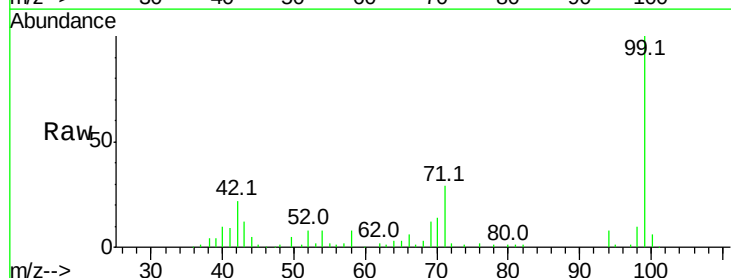
Tgt Ion: 94 Resp: 22672

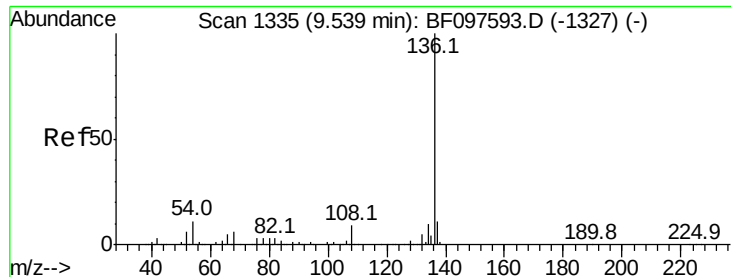
Ion Ratio Lower Upper

94 100

65 39.5 9.9 49.9

66 81.2 23.1 63.1#

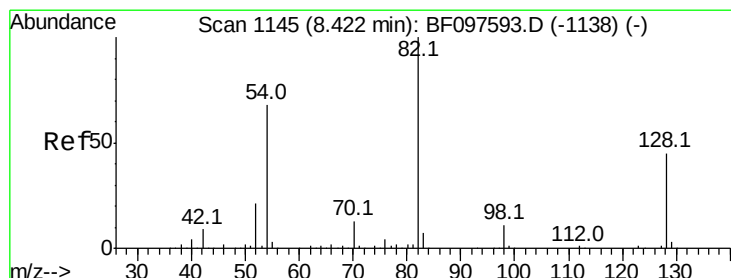
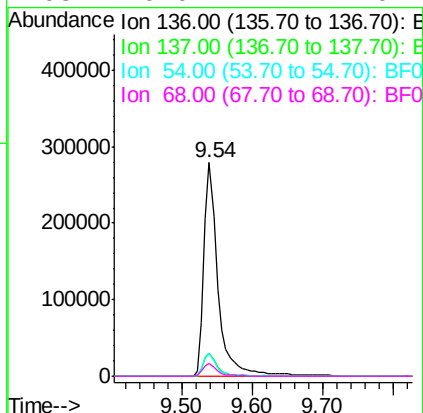
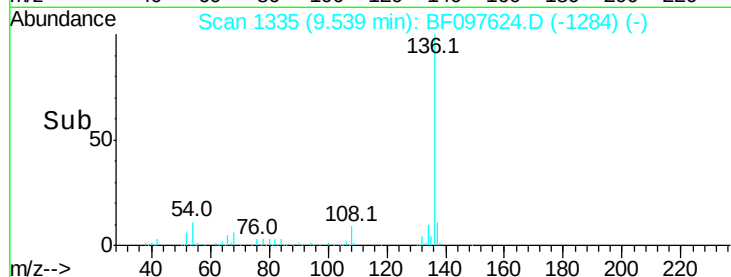
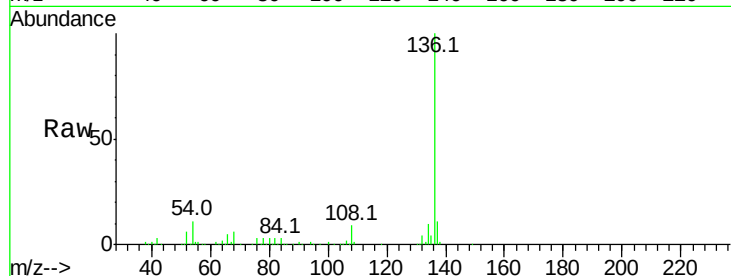




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.54 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF097624.D
Acq: 12 Aug 2017 7:09

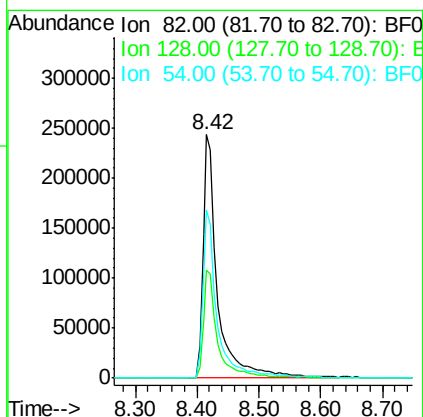
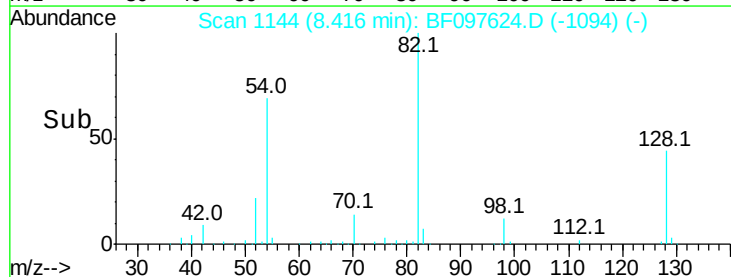
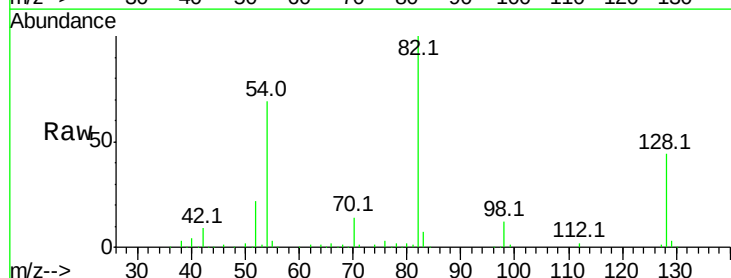
Instrument :
BNA_F
ClientSampleId :
DRUM-5-OILY-GRAVEL

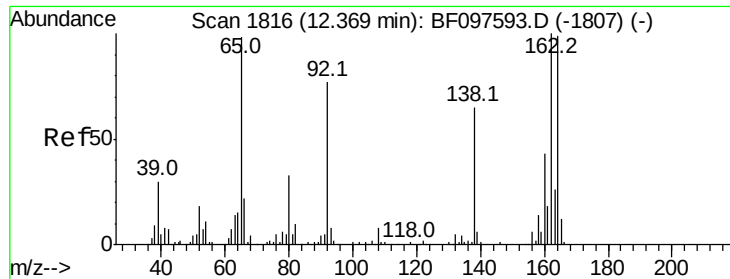
Tot Ion:136	Resp:	393544
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	10.5	4.9 7.3#
68	6.0	4.1 6.1



#23
Nitrobenzene-d5
Concen: 64.323 ng
RT: 8.42 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF097624.D
Acq: 12 Aug 2017 7:09

Tgt Ion: 82	Resp:	403700
Ion Ratio	Lower	Upper
82	100	
128	44.2	34.0 51.0
54	68.8	42.2 63.2#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 12.36 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF097624.D

Acq: 12 Aug 2017 7:09

Instrument :

BNA_F

ClientSampleId :

DRUM-5-OILY-GRAVEL

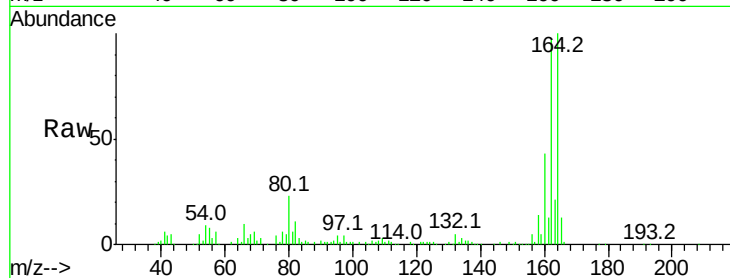
Tot Ion:164 Resp: 158941

Ion Ratio Lower Upper

164 100

162 97.5 82.6 123.8

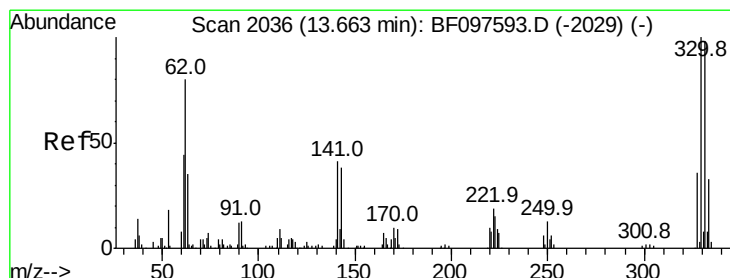
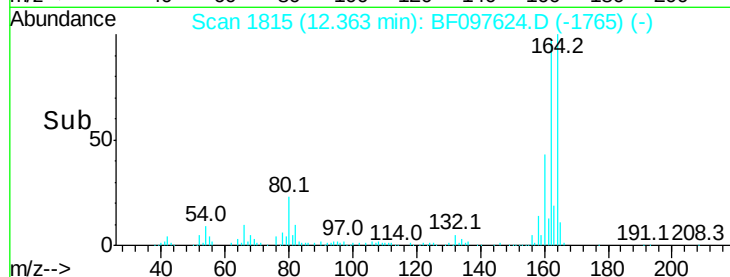
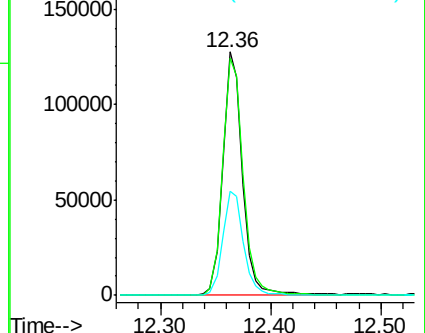
160 42.7 36.2 54.2



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: 68.364 ng

RT: 13.67 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BF097624.D

Acq: 12 Aug 2017 7:09

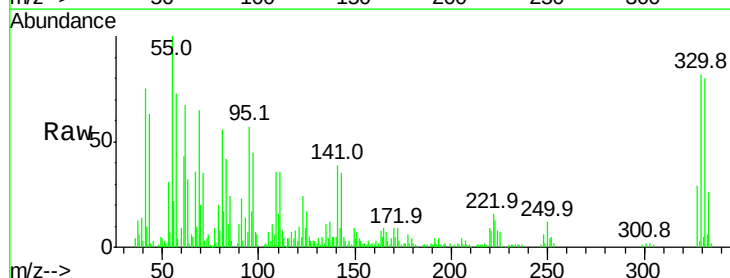
Tgt Ion:330 Resp: 82600

Ion Ratio Lower Upper

330 100

332 94.3 76.6 115.0

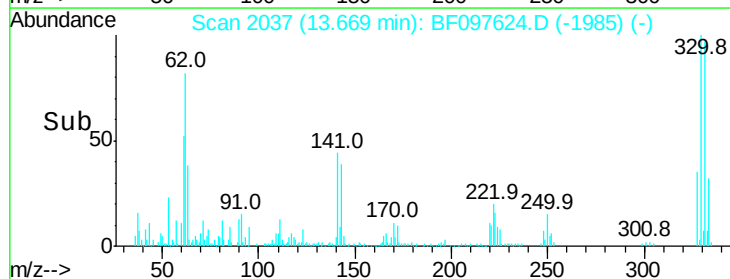
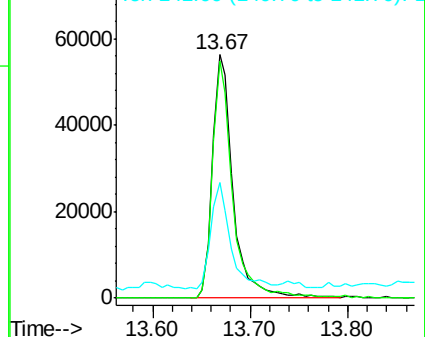
141 41.4 31.4 47.2

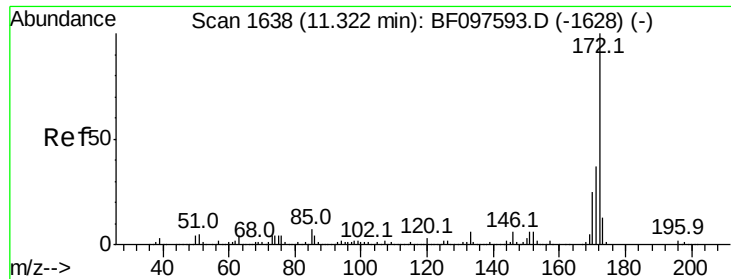


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

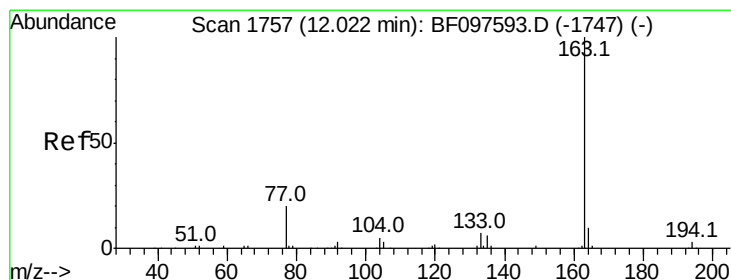
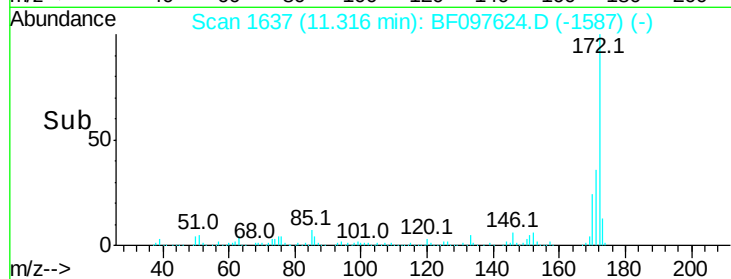
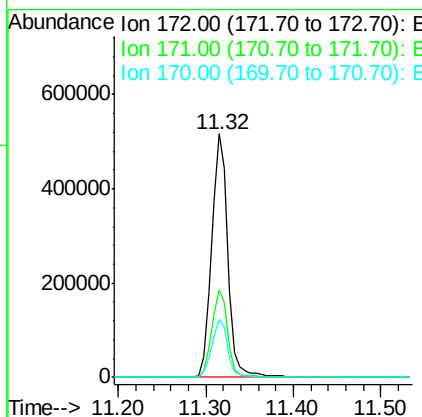
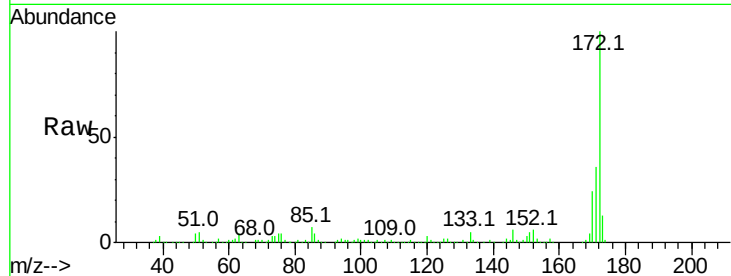




#44
2-Fluorobiphenyl
Concen: 63.283 ng
RT: 11.32 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BF097624.D
Acq: 12 Aug 2017 7:09

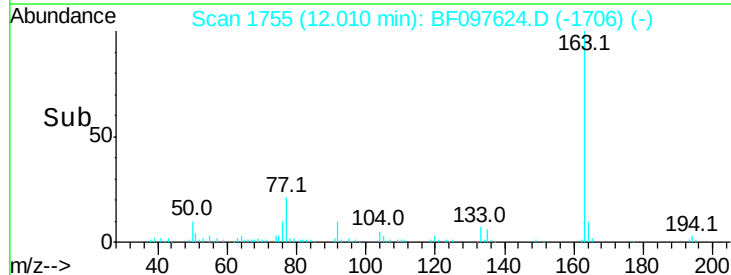
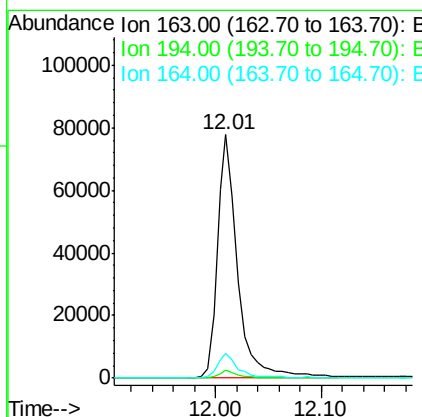
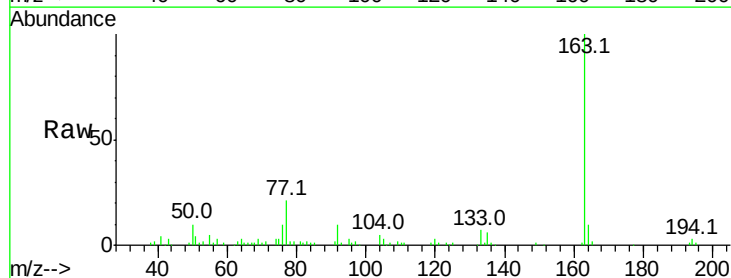
Instrument :
BNA_F
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DRUM-5-OILY-GRAVEL

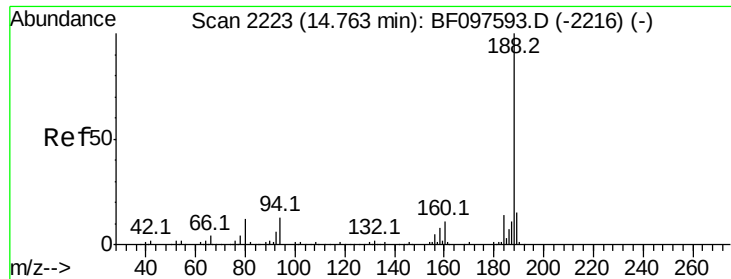
Tot Ion:172 Resp: 666470
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.8 19.8 29.8



#49
Dimethylphthalate
Concen: 8.551 ng
RT: 12.01 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF097624.D
Acq: 12 Aug 2017 7:09

Tgt Ion:163 Resp: 104746
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.3 8.4 12.6

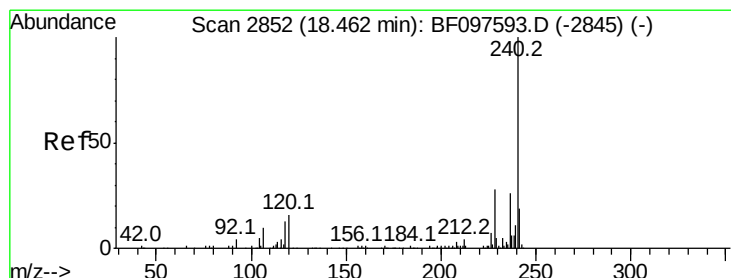
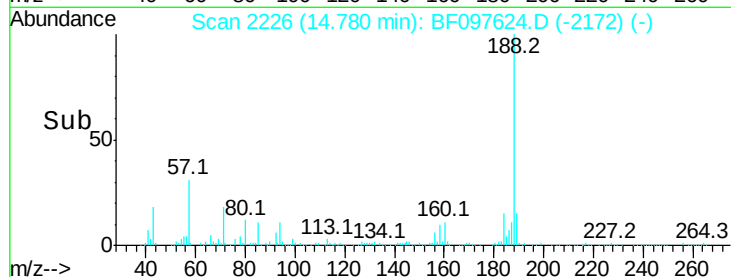
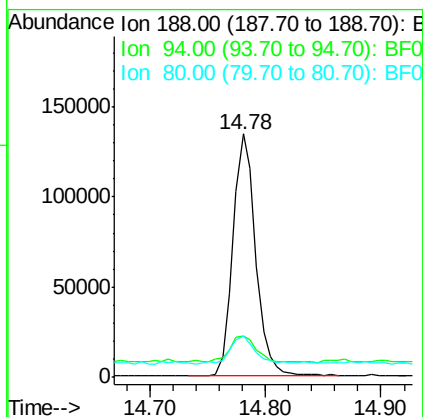
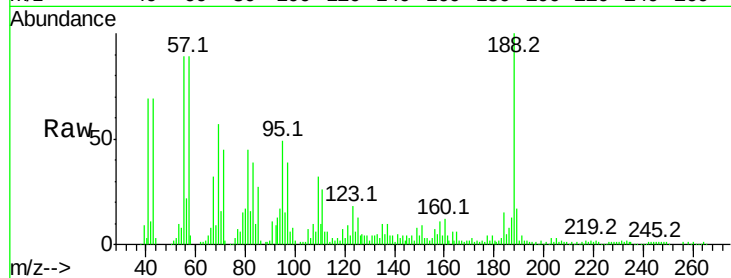




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 2226
Delta R.T. 0.02 min
Lab File: BF097624.D
Acq: 12 Aug 2017 7:09

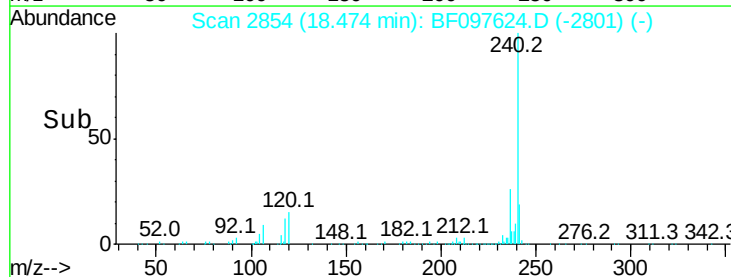
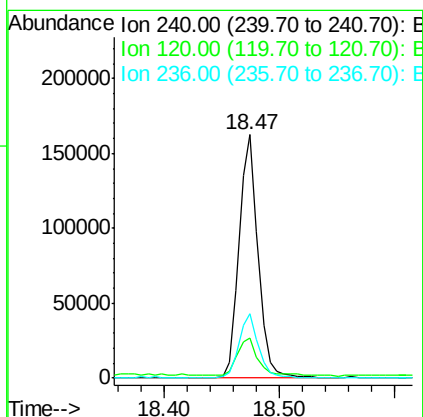
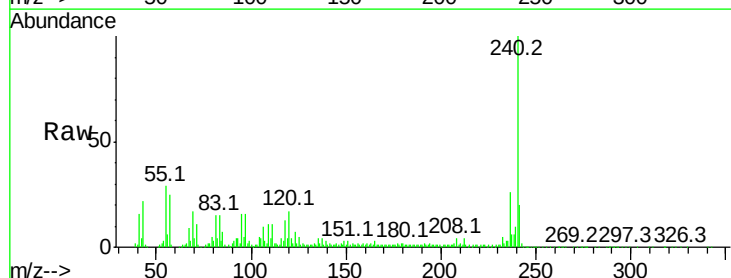
Instrument :
BNA_F
ClientSampleId :
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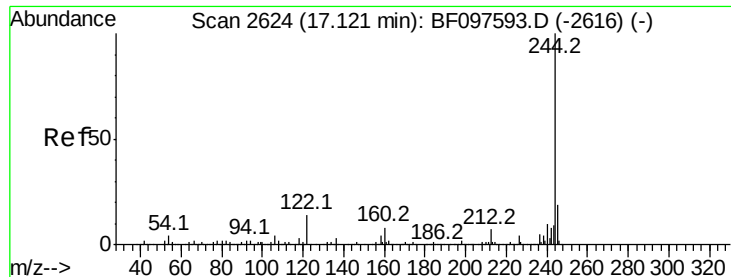
Tot Ion:188 Resp: 183343
Ion Ratio Lower Upper
188 100
94 17.2 9.4 14.2#
80 17.3 10.2 15.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.47 min Scan# 2854
Delta R.T. 0.01 min
Lab File: BF097624.D
Acq: 12 Aug 2017 7:09

Tgt Ion:240 Resp: 186026
Ion Ratio Lower Upper
240 100
120 16.6 5.8 8.8#
236 26.5 20.5 30.7





#78

Terphenyl-d14

Concen: 37.840 ng

RT: 17.13 min Scan# 2626

Delta R.T. 0.01 min

Lab File: BF097624.D

Acq: 12 Aug 2017 7:09

Instrument :

BNA_F

ClientSampleId :

DRUM-5-OILY-GRAVEL

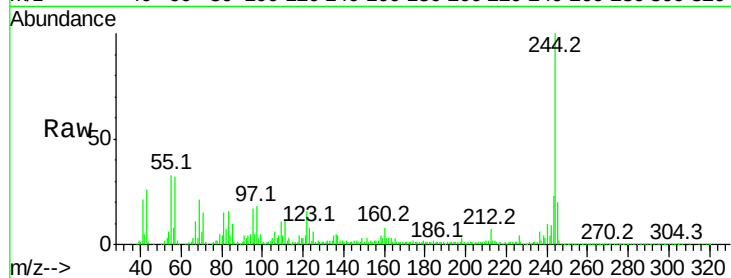
Tot Ion:244 Resp: 340118

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

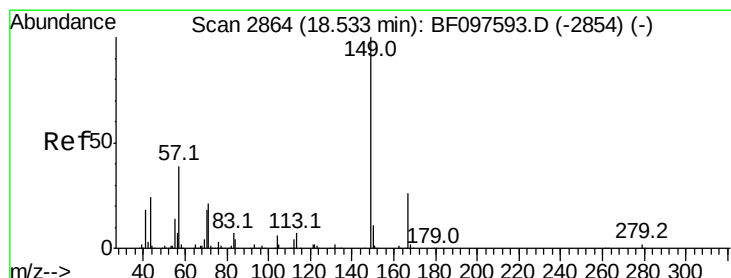
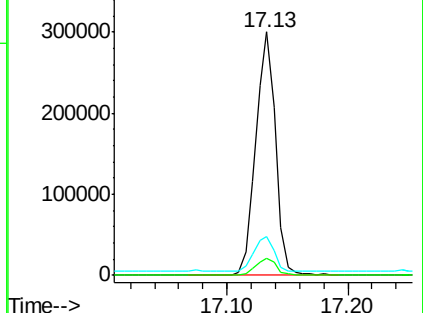
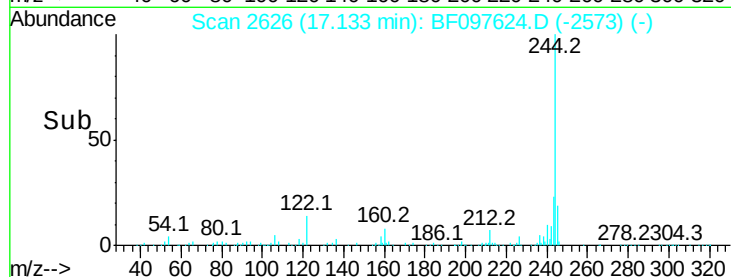
122 15.8 10.3 15.5#



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: 124.056 ng

RT: 18.55 min Scan# 2867

Delta R.T. 0.02 min

Lab File: BF097624.D

Acq: 12 Aug 2017 7:09

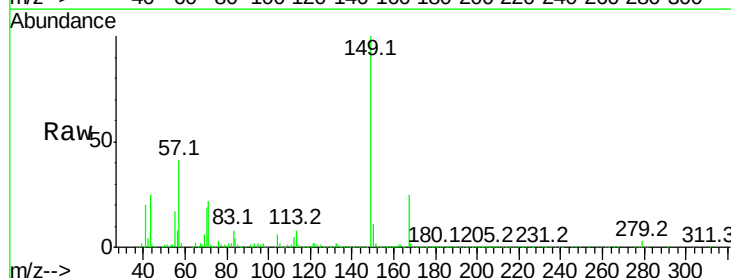
Tgt Ion:149 Resp: 1134735

Ion Ratio Lower Upper

149 100

167 25.5 21.0 31.4

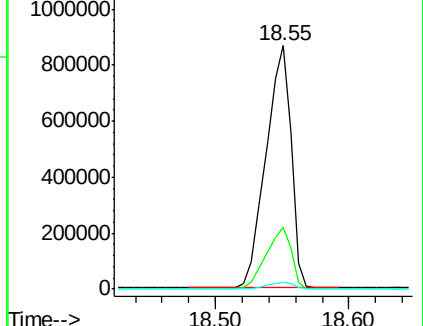
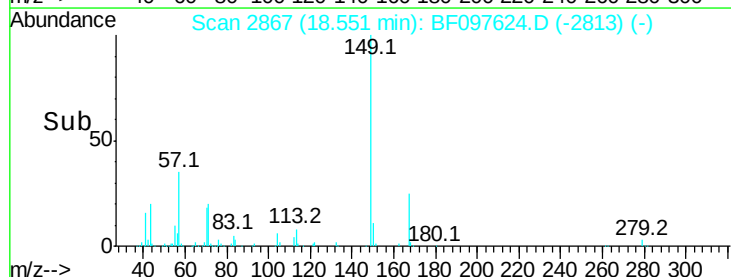
279 2.7 1.9 2.9

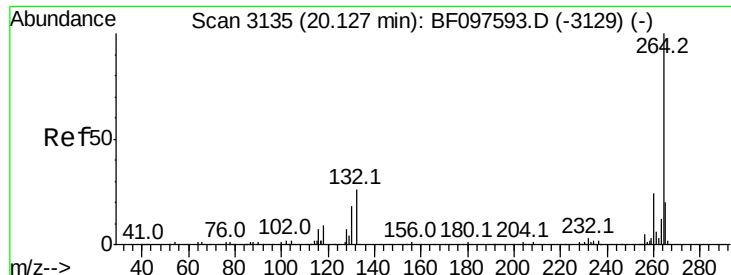


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 20.13 min Scan# 3136
 Delta R.T. 0.01 min
 Lab File: BF097624.D
 Acq: 12 Aug 2017 7:09

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-5-OILY-GRAVEL

Tot Ion:	264	Resp:	186595
Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.5	29.3
265	21.3	17.2	25.8

