

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092287.D
 Acq On : 16 Jan 2017 16:14
 Operator : UM/SJ
 Sample : I1219-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC011217-LIQUID-TODT-HILL

Quant Time: Jan 17 01:05:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:52:12 2017
 Response via : Initial Calibration

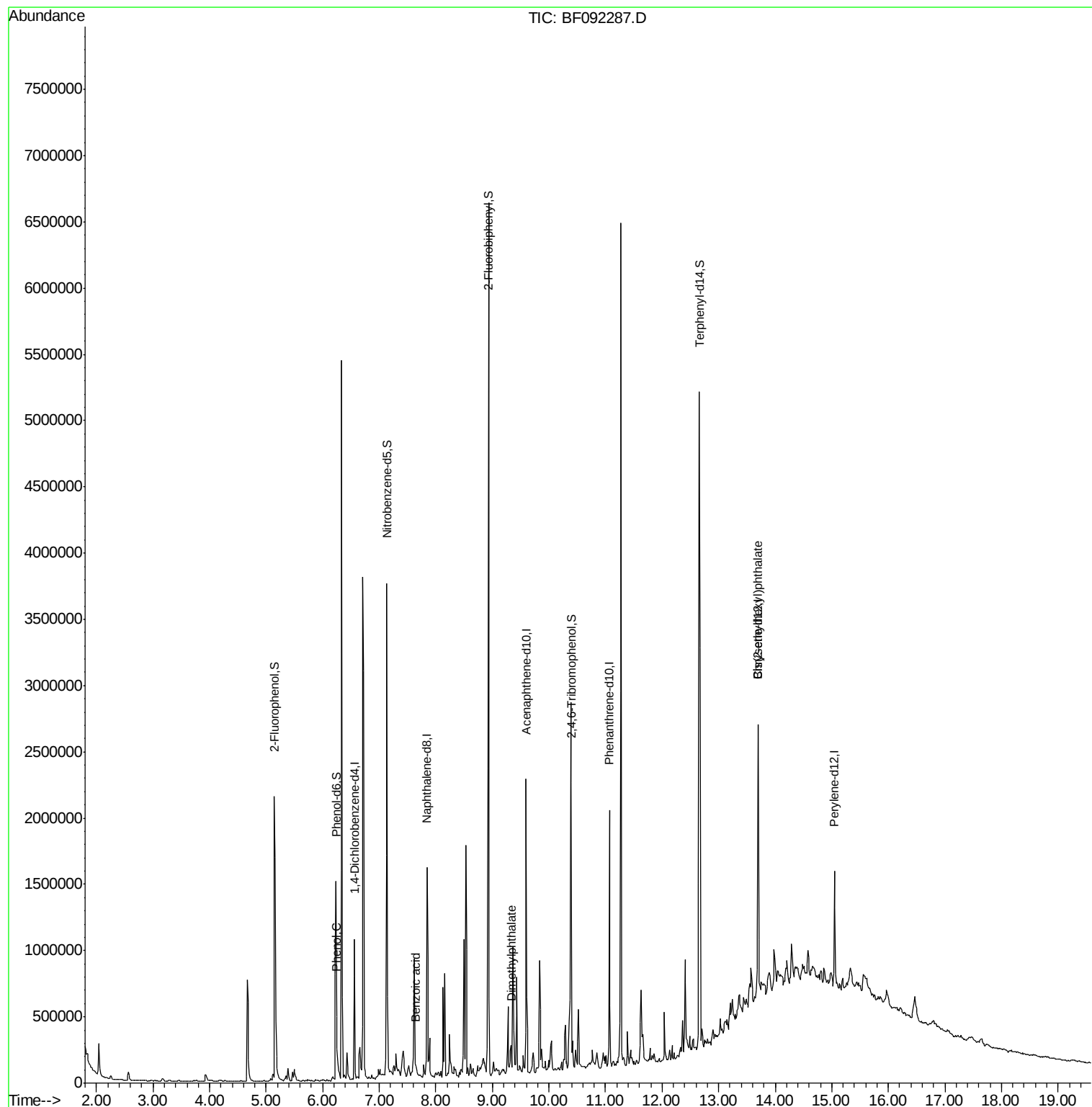
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	221346	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	882655	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	443174	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	694371	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	540485	20.00	ng	-0.01
86) Perylene-d12	15.05	264	444843	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	979607	73.90	ng	0.00
7) Phenol-d6	6.23	99	777876	48.06	ng	0.00
23) Nitrobenzene-d5	7.14	82	1412202	88.97	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	511487	139.46	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	2142203	101.55	ng	0.00
78) Terphenyl-d14	12.66	244	2180056	97.82	ng	0.00
Target Compounds						
10) Phenol	6.24	94	45296	2.46	ng	83
32) Benzoic acid	7.65	122	27511	2.68	ng	93
49) Dimethylphthalate	9.33	163	61748	2.18	ng	99
83) Bis(2-ethylhexyl)phthalate	13.70	149	128680	6.06	ng	98

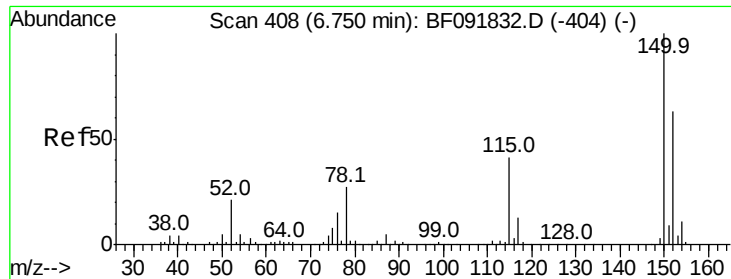
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092287.D

Acq: 16 Jan 2017 16:14

Instrument :

BNA_F

ClientSampleId :

WC011217-LIQUID-TODT-HILL

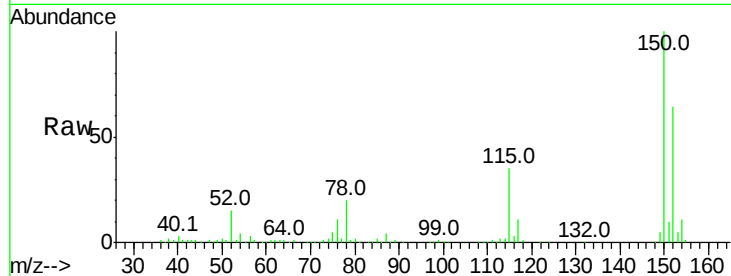
Tot Ion:152 Resp: 221346

Ion Ratio Lower Upper

152 100

150 155.6 124.9 187.3

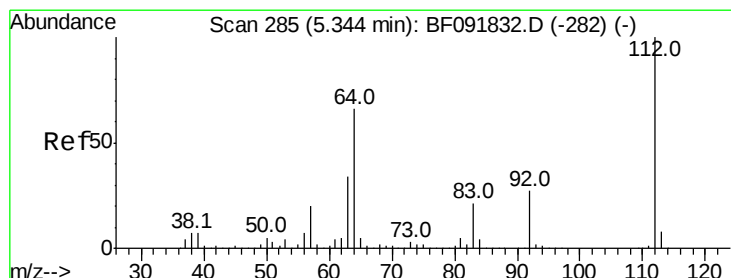
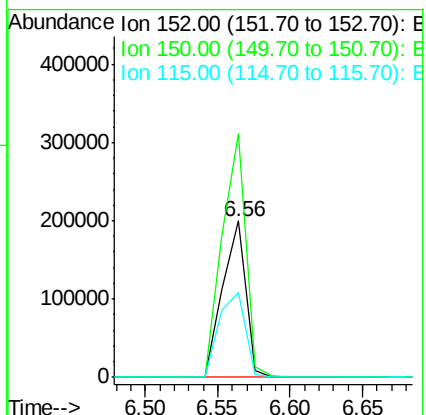
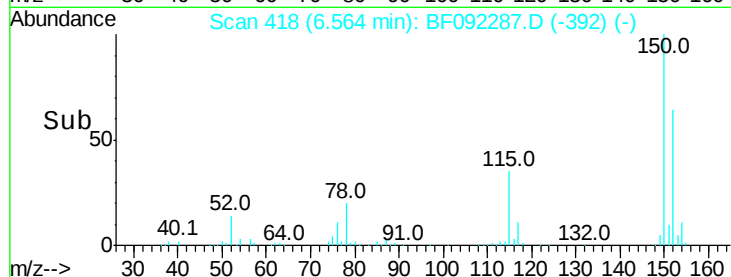
115 54.5 46.0 69.0



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: 73.90 ng

RT: 5.15 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF092287.D

Acq: 16 Jan 2017 16:14

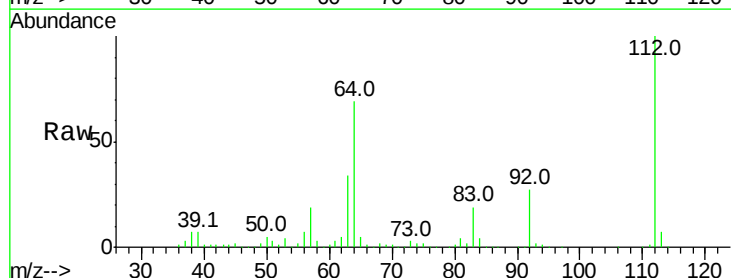
Tgt Ion:112 Resp: 979607

Ion Ratio Lower Upper

112 100

64 68.7 46.1 69.1

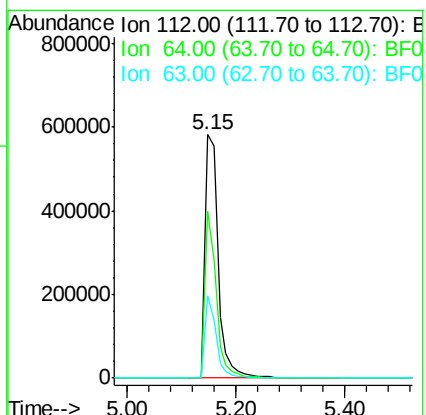
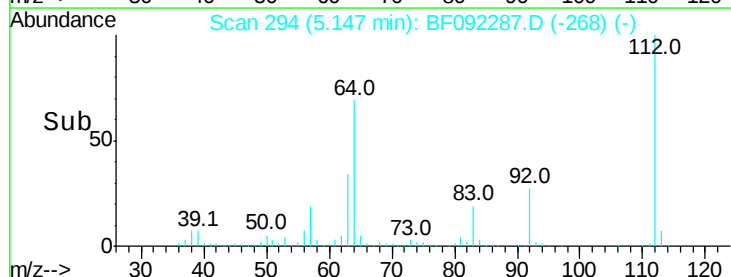
63 33.8 23.8 35.6



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: 48.06 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092287.D

Acq: 16 Jan 2017 16:14

Instrument :

BNA_F

ClientSampleId :

WC011217-LIQUID-TODT-HILL

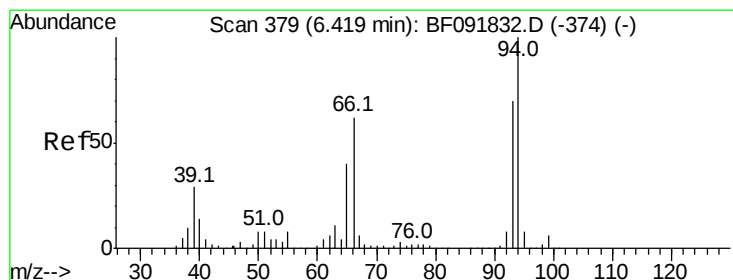
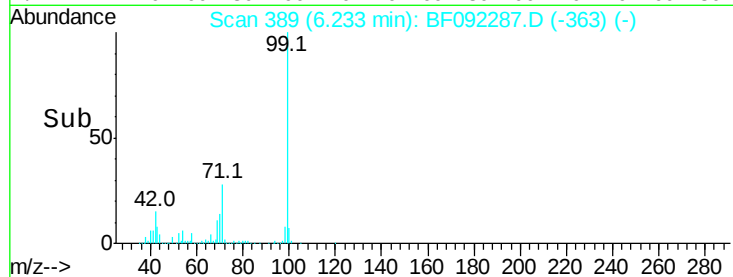
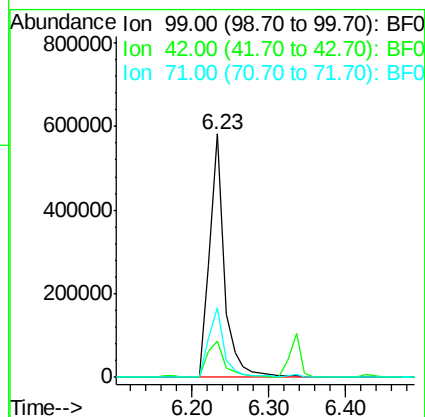
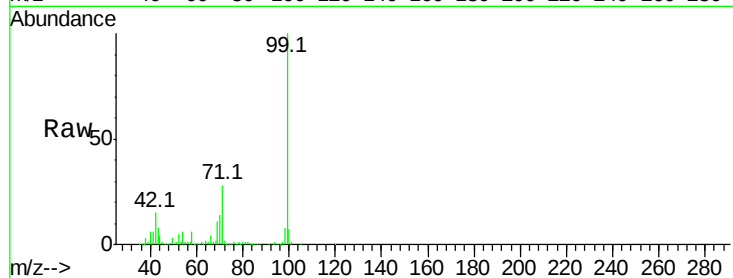
Tot Ion: 99 Resp: 777876

Ion Ratio Lower Upper

99 100

42 15.1 15.6 23.4#

71 28.4 27.5 41.3



#10

Phenol

Concen: 2.46 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF092287.D

Acq: 16 Jan 2017 16:14

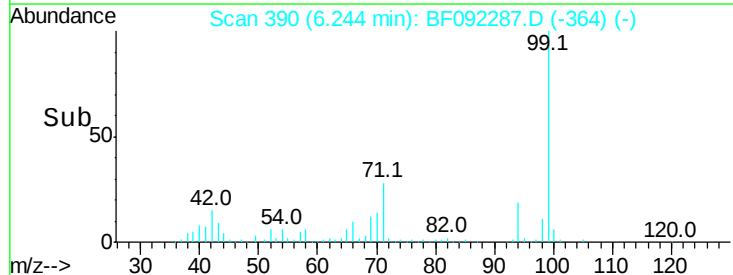
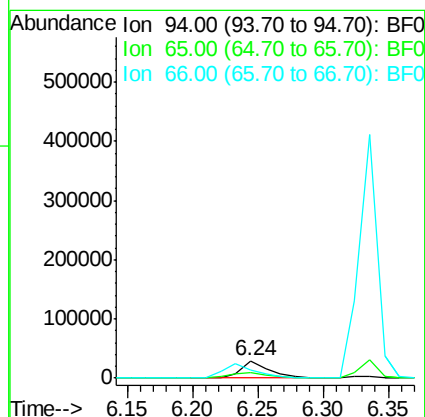
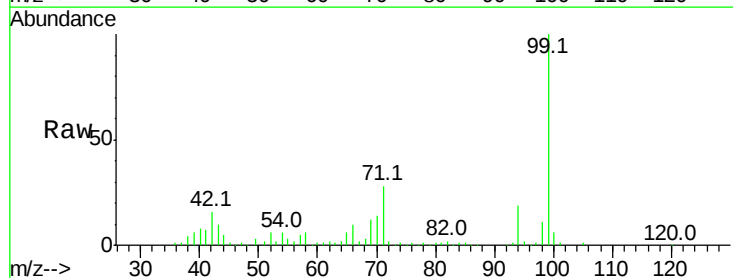
Tgt Ion: 94 Resp: 45296

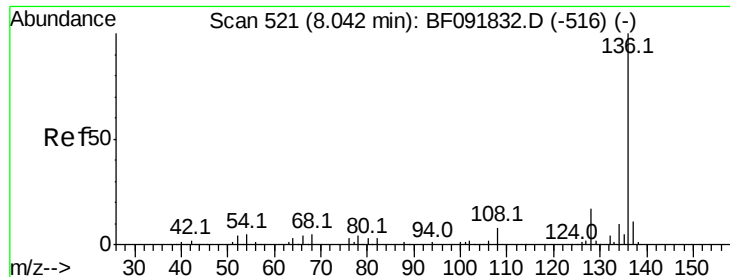
Ion Ratio Lower Upper

94 100

65 30.3 21.4 61.4

66 50.7 44.0 84.0

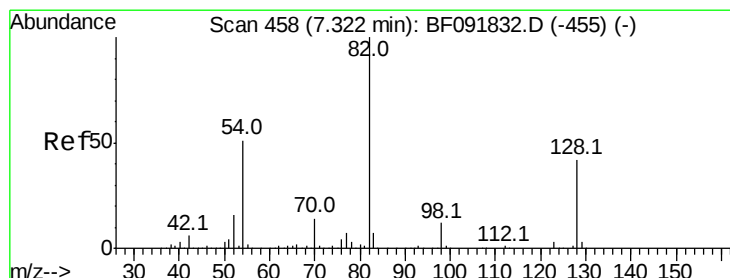
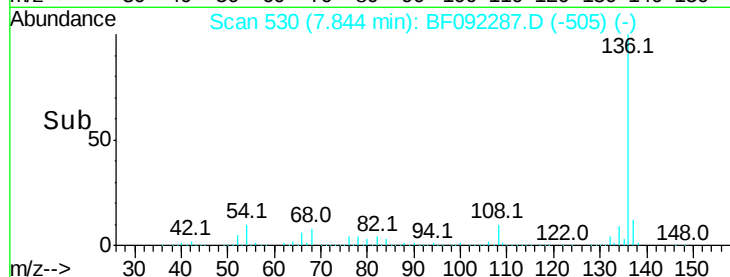
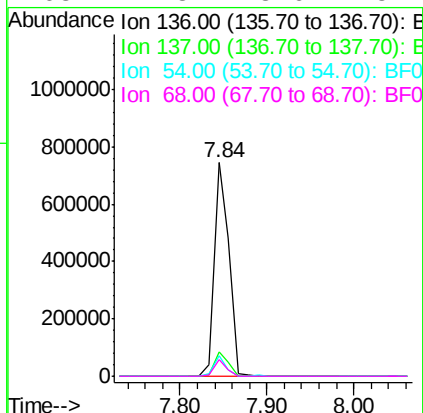
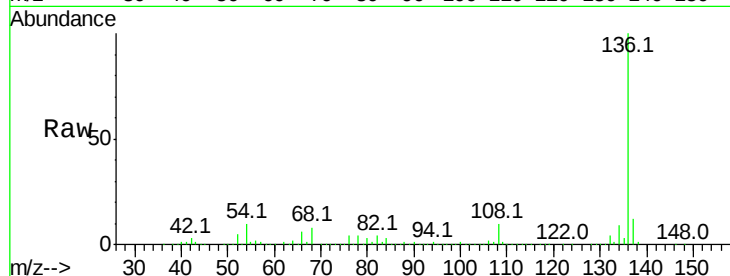




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF092287.D
Acq: 16 Jan 2017 16:14

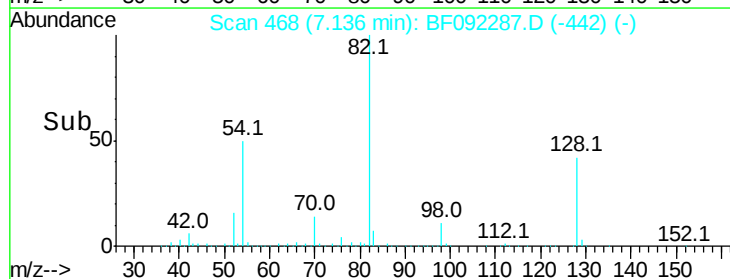
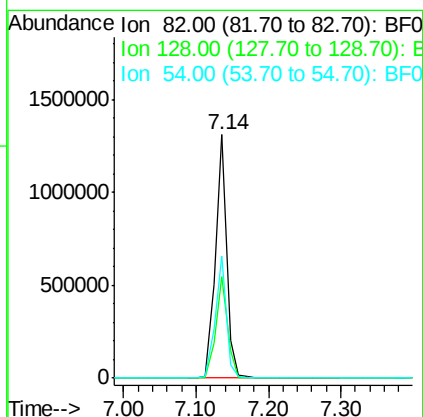
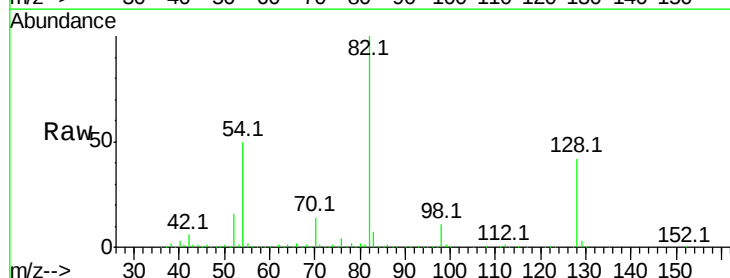
Instrument :
BNA_F
ClientSampleId :
WC011217-LIQUID-TODT-HILL

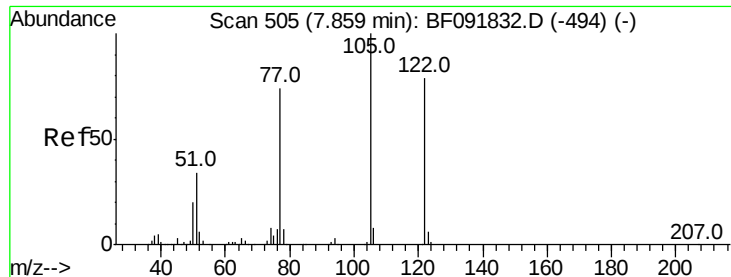
Tot Ion:	136	Resp:	882655
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	9.8	4.5	6.7#
68	7.8	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 88.97 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF092287.D
Acq: 16 Jan 2017 16:14

Tgt Ion:	82	Resp:	1412202
Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	52.0
54	50.4	39.5	59.3





#32

Benzoic acid

Concen: 2.68 ng

RT: 7.65 min Scan# 513

Delta R.T. -0.06 min

Lab File: BF092287.D

Acq: 16 Jan 2017 16:14

Instrument :

BNA_F

ClientSampleId :

WC011217-LIQUID-TODT-HILL

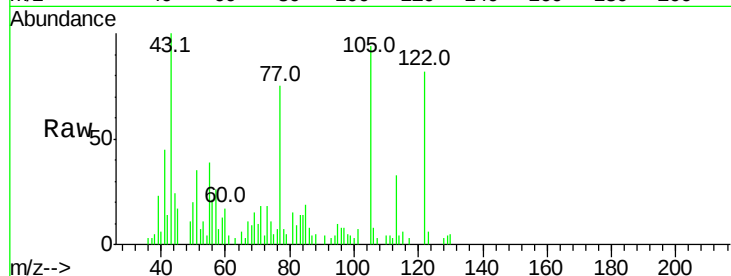
Tot Ion:122 Resp: 27511

Ion Ratio Lower Upper

122 100

105 115.2 107.2 147.2

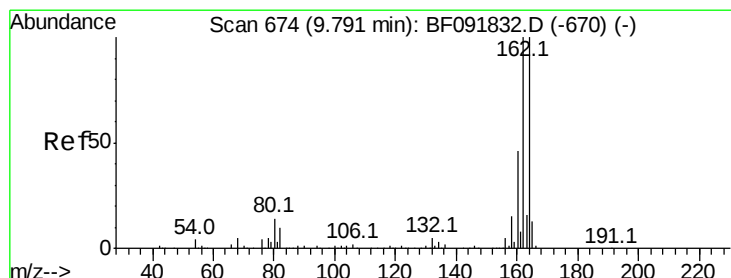
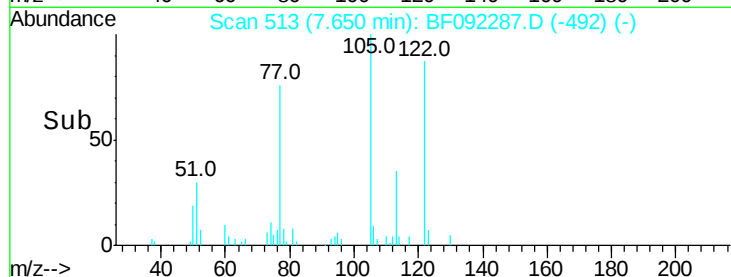
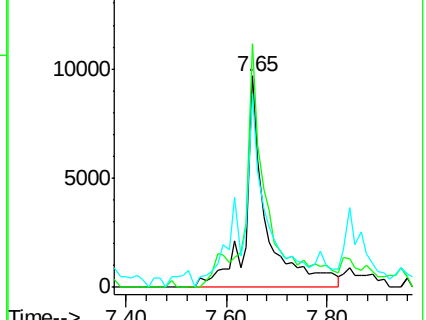
77 91.7 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092287.D

Acq: 16 Jan 2017 16:14

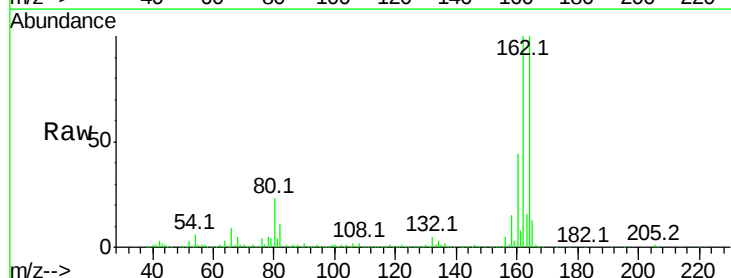
Tgt Ion:164 Resp: 443174

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.2

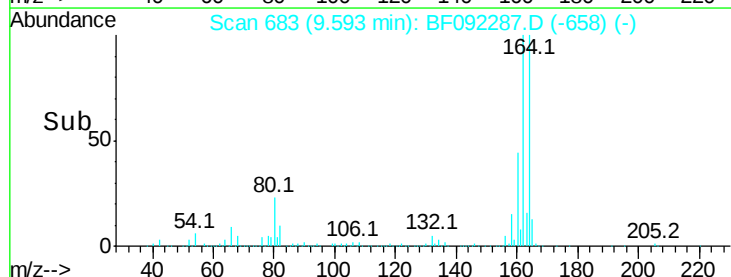
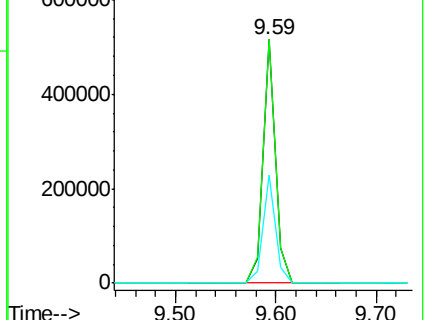
160 44.5 36.9 55.3

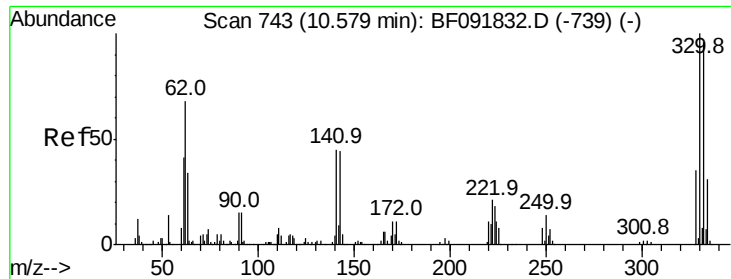


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

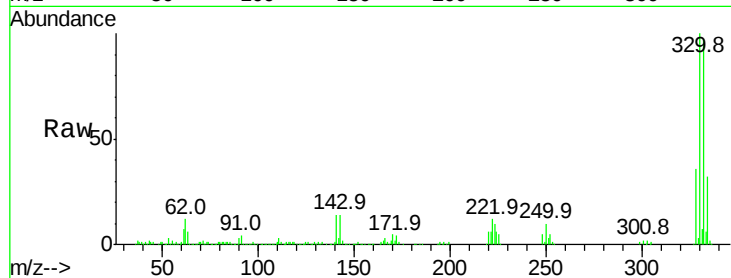




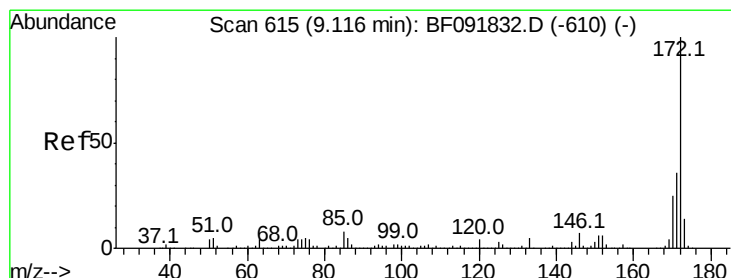
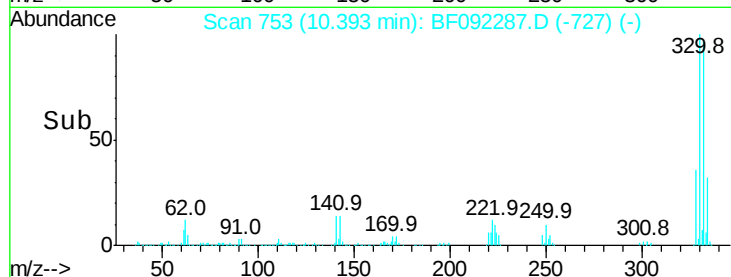
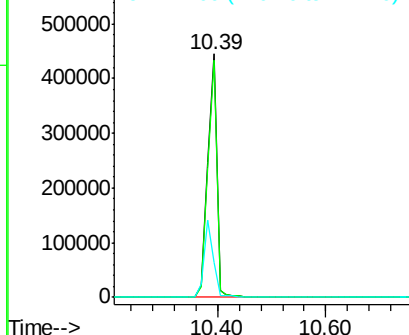
#41
 2,4,6-Tribromophenol
 Concen: 139.46 ng
 RT: 10.39 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092287.D
 Acq: 16 Jan 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :
 WC011217-LIQUID-TODT-HILL

Tot Ion:330 Resp: 511487
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 31.6 34.1 51.1#

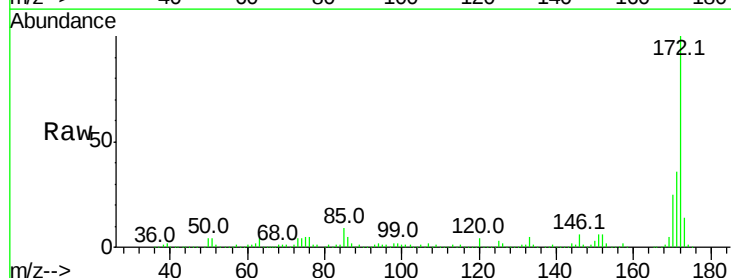


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

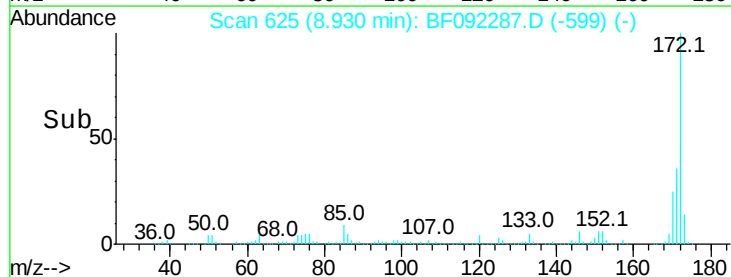
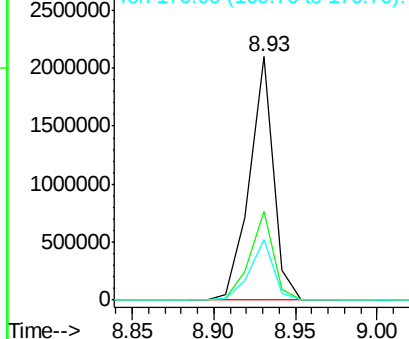


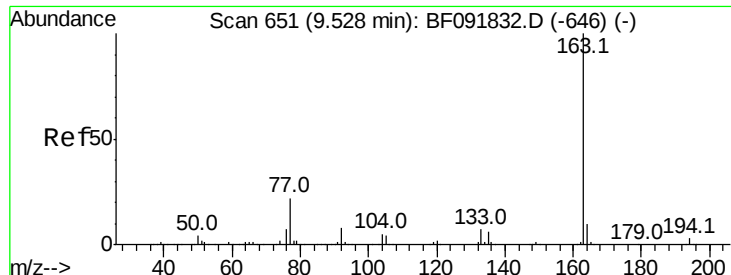
#44
 2-Fluorobiphenyl
 Concen: 101.55 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092287.D
 Acq: 16 Jan 2017 16:14

Tgt Ion:172 Resp: 2142203
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.8 20.2 30.4



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

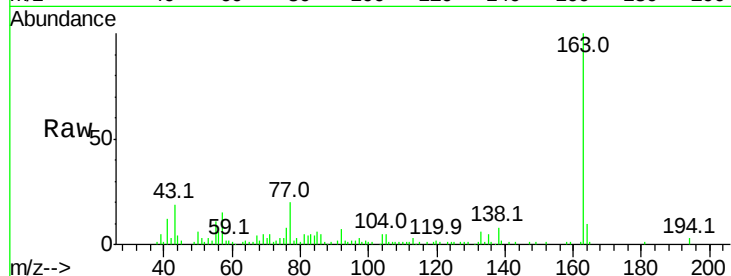




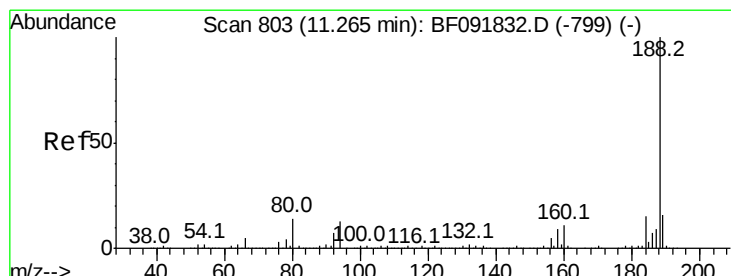
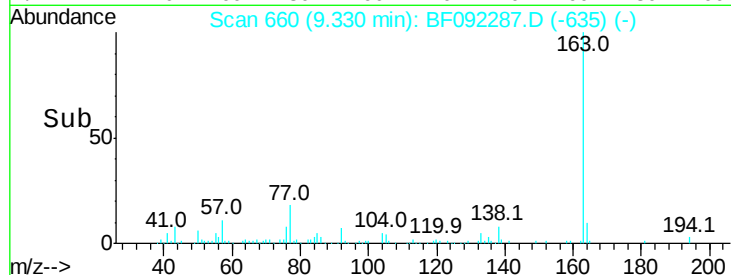
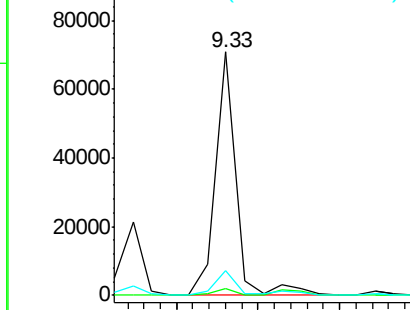
#49
Dimethylphthalate
Concen: 2.18 ng
RT: 9.33 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF092287.D
Acq: 16 Jan 2017 16:14

Instrument :
BNA_F
ClientSampleId :
WC011217-LIQUID-TODT-HILL

Tot Ion:163 Resp: 61748
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 9.9 8.0 12.0

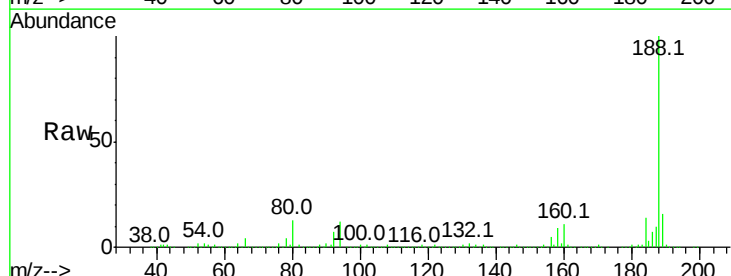


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

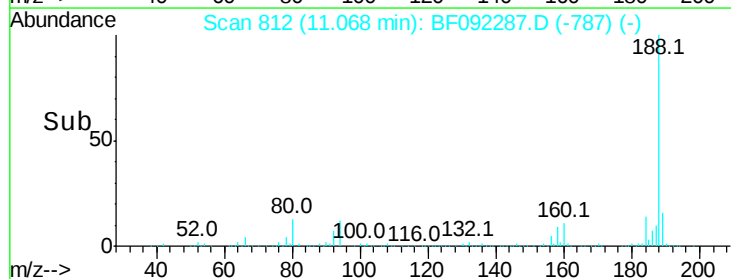
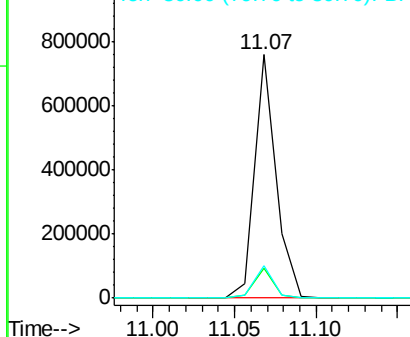


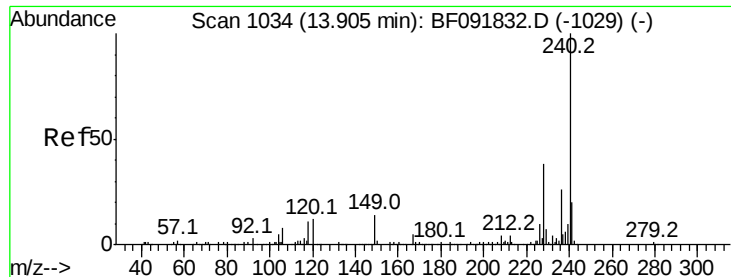
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092287.D
Acq: 16 Jan 2017 16:14

Tgt Ion:188 Resp: 694371
Ion Ratio Lower Upper
188 100
94 12.0 10.0 15.0
80 13.2 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF092287.D

Acq: 16 Jan 2017 16:14

Instrument :

BNA_F

ClientSampleId :

WC011217-LIQUID-TODT-HILL

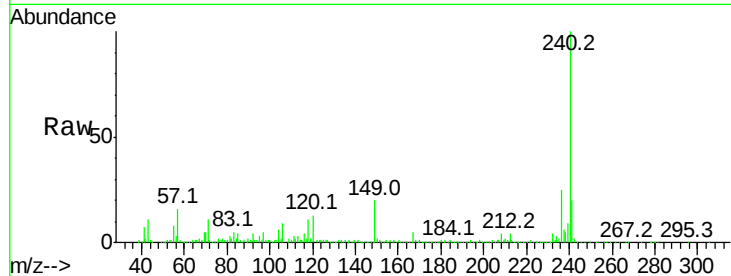
Tot Ion:240 Resp: 540485

Ion Ratio Lower Upper

240 100

120 12.8 12.9 19.3#

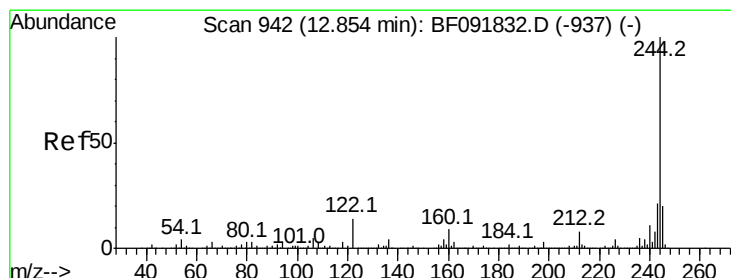
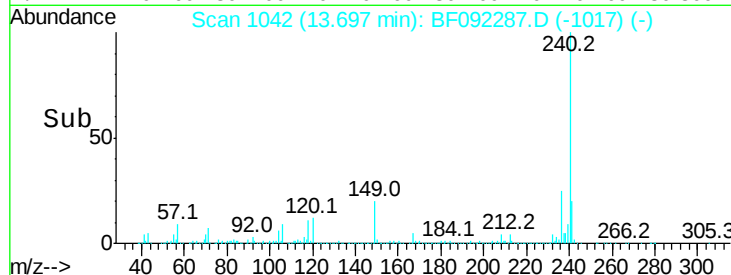
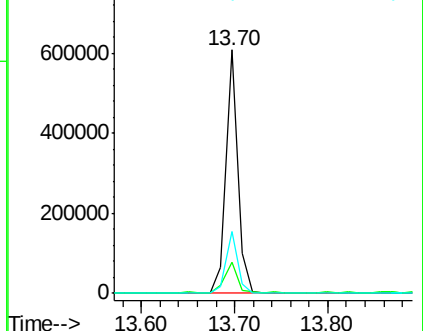
236 25.3 20.9 31.3



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: 97.82 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF092287.D

Acq: 16 Jan 2017 16:14

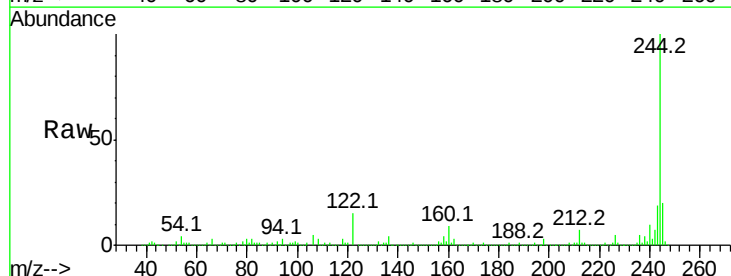
Tgt Ion:244 Resp: 2180056

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

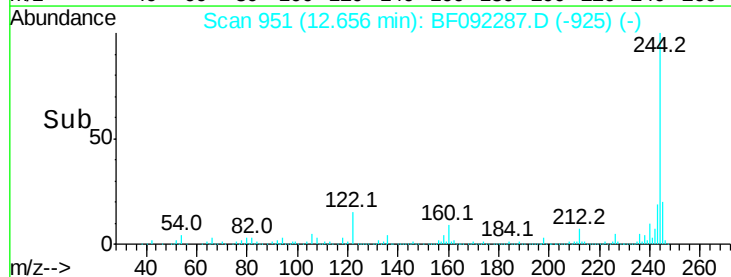
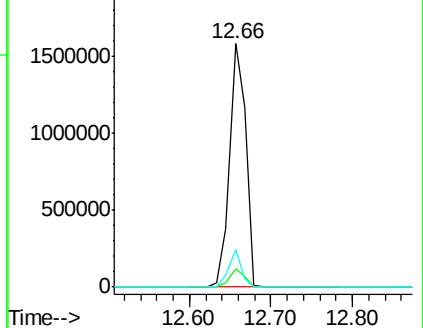
122 15.3 11.4 17.2

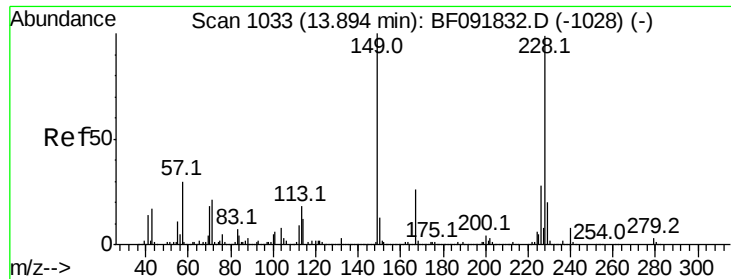


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

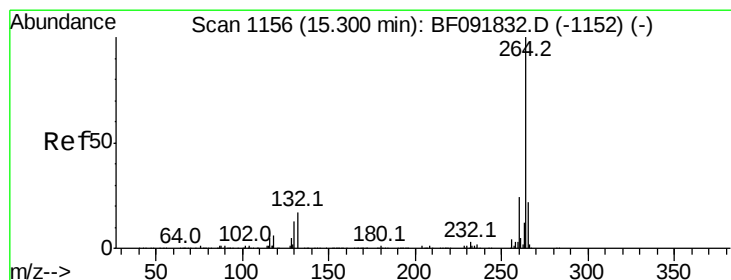
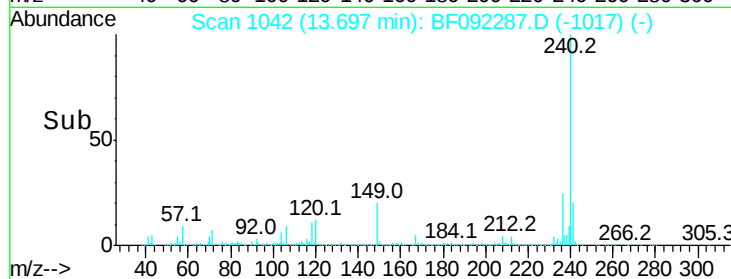
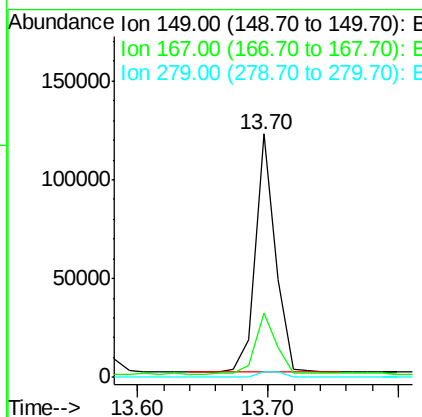
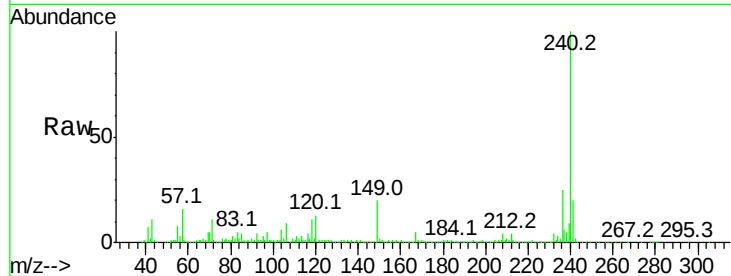




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.06 ng
 RT: 13.70 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF092287.D
 Acq: 16 Jan 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :
 WC011217-LIQUID-TODT-HILL

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.6	20.2	30.4
279	2.2	1.8	2.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF092287.D
 Acq: 16 Jan 2017 16:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.3	17.4	26.0

