

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 00:43:23 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

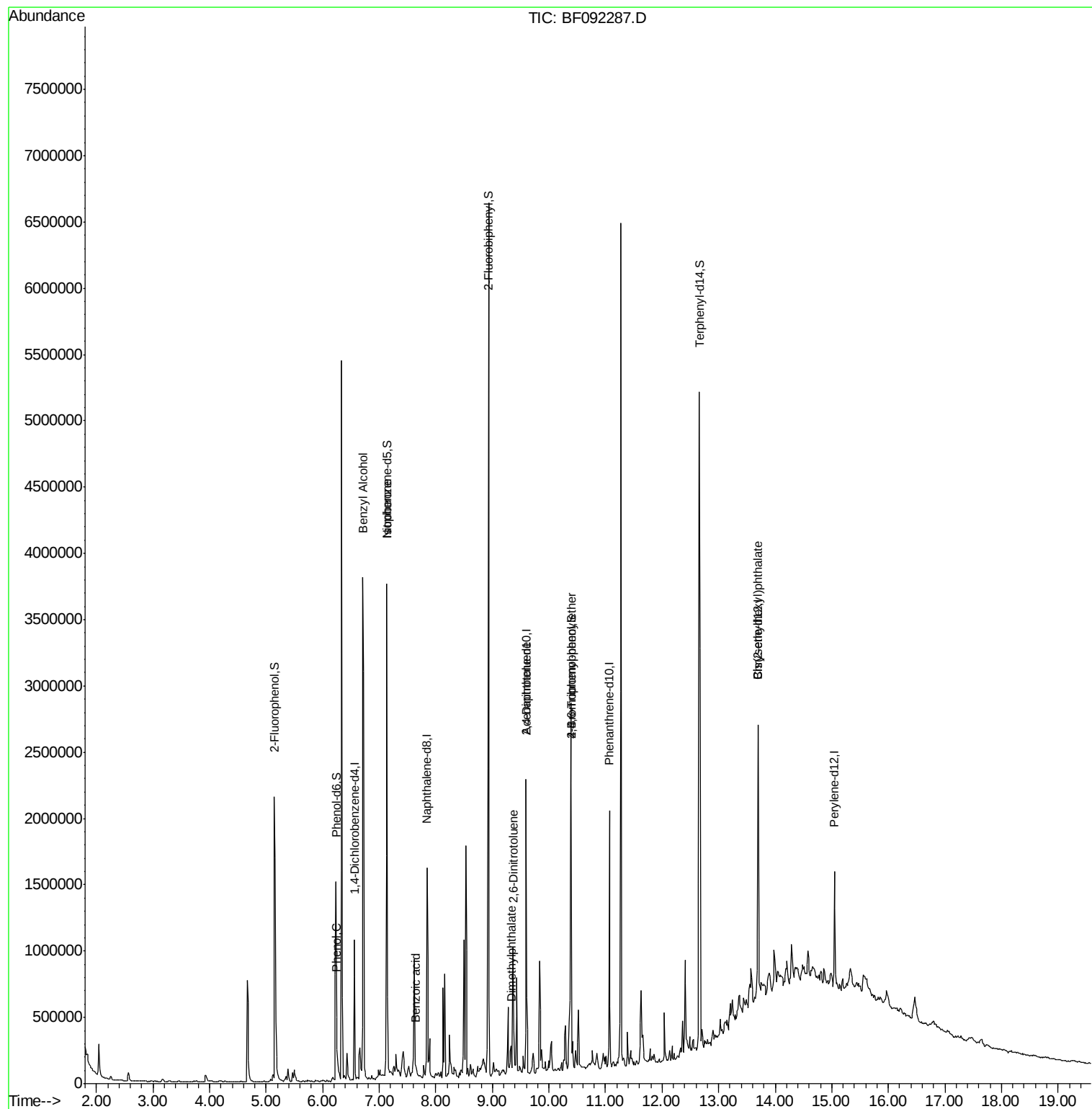
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	221346	20.00	ng	-0.08
21) Naphthalene-d8	7.84	136	882655	20.00	ng	-0.09
38) Acenaphthene-d10	9.59	164	443174	20.00	ng	-0.09
63) Phenanthrene-d10	11.07	188	694371	20.00	ng	-0.09
75) Chrysene-d12	13.70	240	540485	20.00	ng	-0.09
86) Perylene-d12	15.05	264	444843	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	980160	73.94	ng	-0.09
7) Phenol-d6	6.23	99	777876	48.06	ng	-0.08
23) Nitrobenzene-d5	7.14	82	1412202	88.97	ng	-0.08
41) 2,4,6-Tribromophenol	10.39	330	511243	139.39	ng	-0.08
44) 2-Fluorobiphenyl	8.93	172	2142203	101.55	ng	-0.08
78) Terphenyl-d14	12.66	244	2180056	97.82	ng	-0.09
Target Compounds						
9) Benzaldehyde	6.12	77	1113	Below Cal	#	77
10) Phenol	6.24	94	45296	2.46	ng	83
15) Benzyl Alcohol	6.71	79	39036	3.10	ng	# 46
25) Isophorone	7.14	82	1399417	47.79	ng	# 65
32) Benzoic acid	7.65	122	27511	2.68	ng	93
49) Dimethylphthalate	9.33	163	61748	2.18	ng	99
50) 2,6-Dinitrotoluene	9.36	165	60262	9.71	ng	# 35
56) 2,4-Dinitrotoluene	9.59	165	58553	7.52	ng	# 20
66) 4-Bromophenyl-phenylether	10.39	248	30450	4.22	ng	# 1
71) Anthracene	11.15	178	1638	Below Cal	#	45
73) Di-n-butylphthalate	11.65	149	92515	Below Cal	#	98
74) Fluoranthene	12.27	202	4829	Below Cal		72
76) Benzidine	12.66	184	27856	Below Cal		98
83) Bis(2-ethylhexyl)phthalate	13.70	149	128680	6.06	ng	98

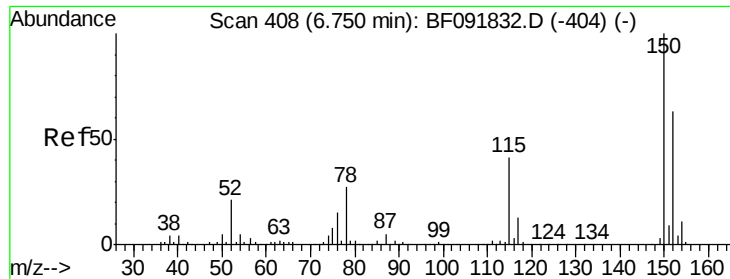
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.08 min

Lab File: BF092287.D

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Instrument :

BNA_F

ClientSampleId :

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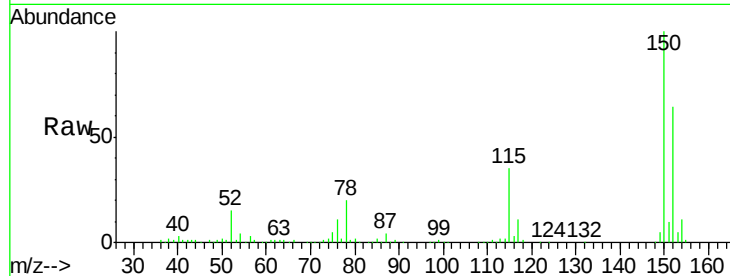
Tgt Ion:152 Resp: 221346

Ion Ratio Lower Upper

152 100

150 155.6 124.9 187.3

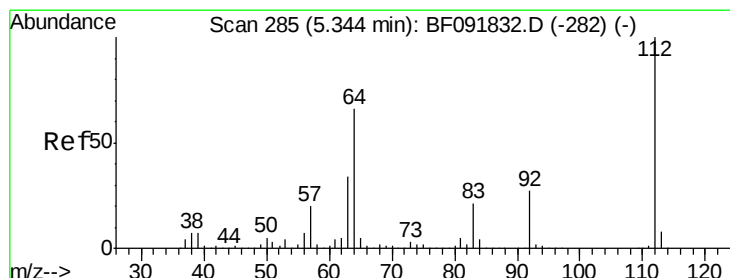
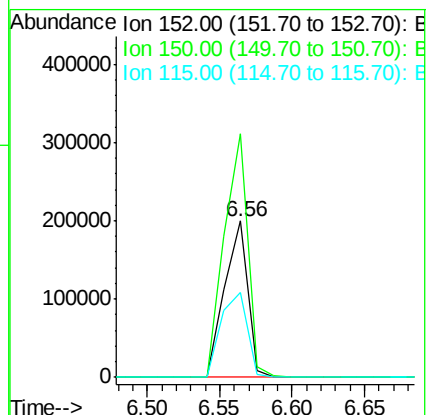
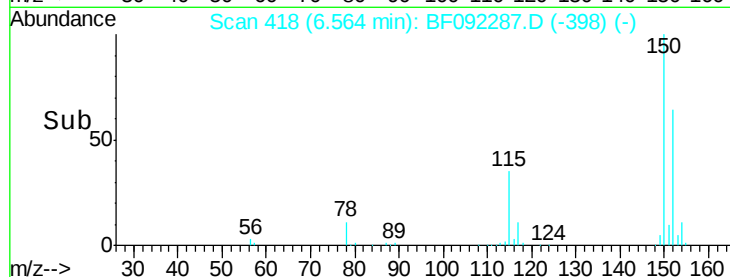
115 54.5 46.0 69.0



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: 73.94 ng

RT: 5.15 min Scan# 294

Delta R.T. -0.09 min

Lab File: BF092287.D

Acq: 16 Jan 2017 16:14

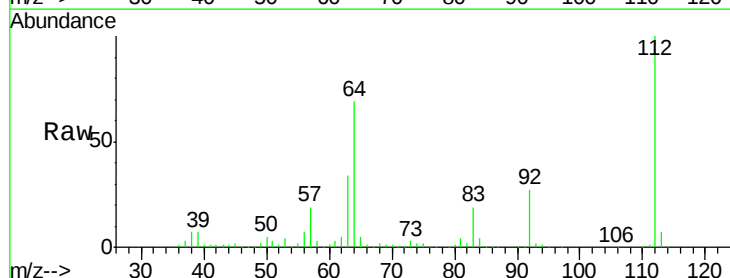
Tgt Ion:112 Resp: 980160

Ion Ratio Lower Upper

112 100

64 68.7 46.1 69.1

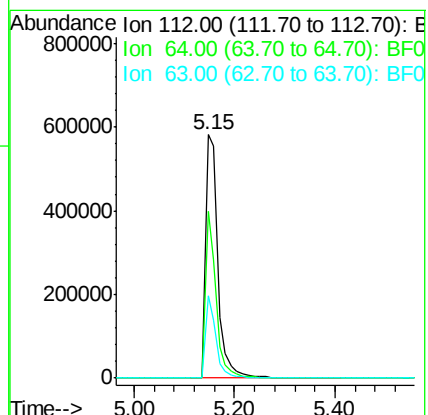
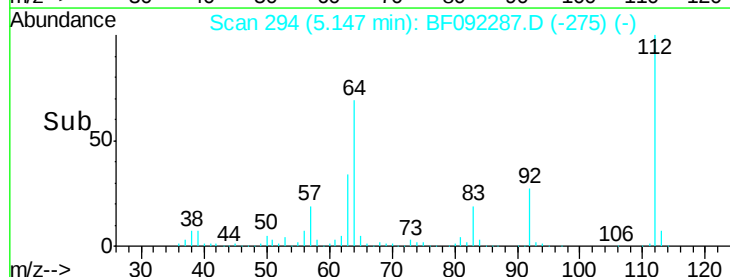
63 33.8 23.8 35.6

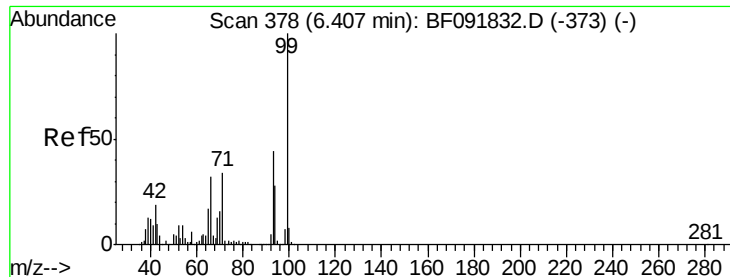


Abundance Ion 112.00 (111.70 to 112.70): E

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. -0.08 min

Lab File: BF092287.D

Acq: 16 Jan 2017 16:14

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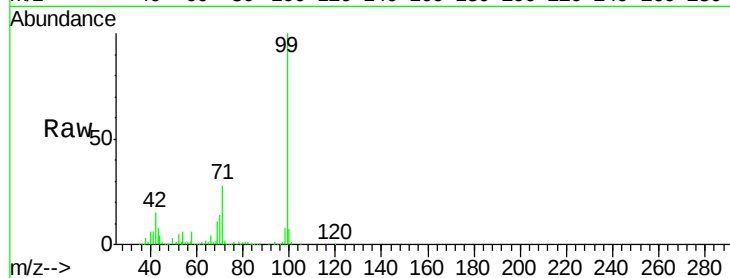
Tgt Ion: 99 Resp: 777876

Ion Ratio Lower Upper

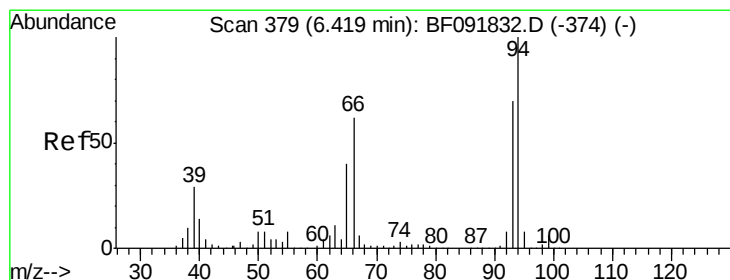
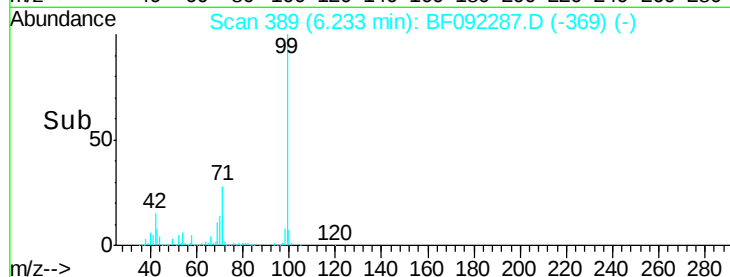
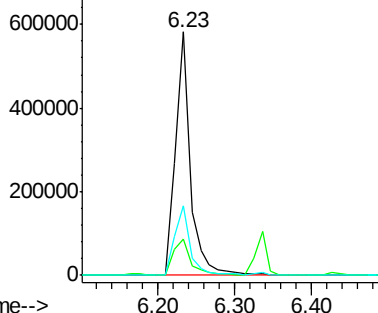
99 100

42 15.1 15.6 23.4#

71 28.4 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.46 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.08 min

Lab File: BF092287.D

Acq: 16 Jan 2017 16:14

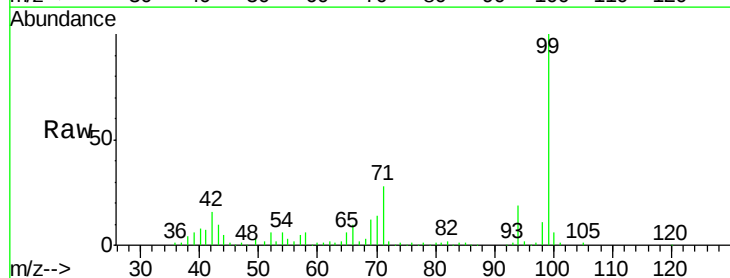
Tgt Ion: 94 Resp: 45296

Ion Ratio Lower Upper

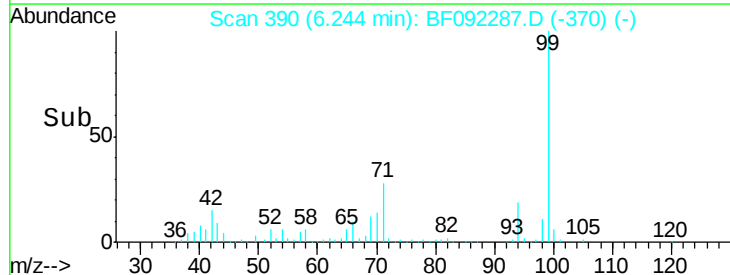
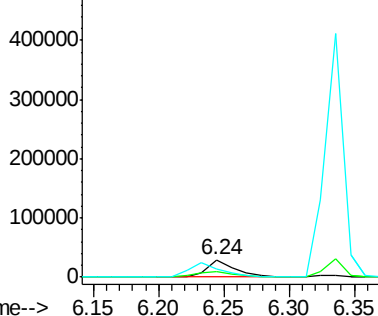
94 100

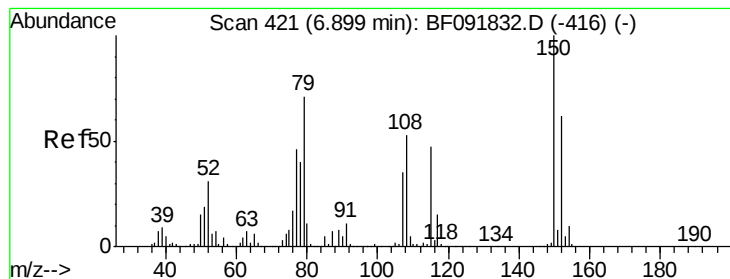
65 30.3 21.4 61.4

66 50.7 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 3.10 ng

RT: 6.71 min Scan# 431

Delta R.T. -0.09 min

Lab File: BF092287.D

Acq: 16 Jan 2017 16:14

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WC011217-LIQUID-TODT-HILL

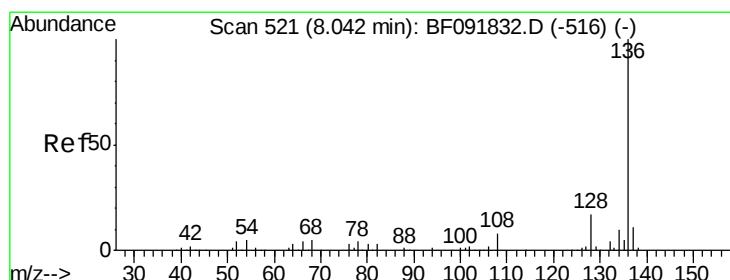
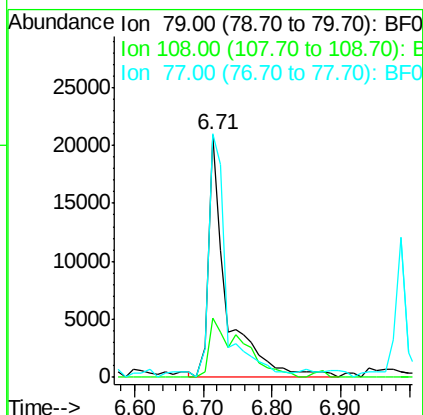
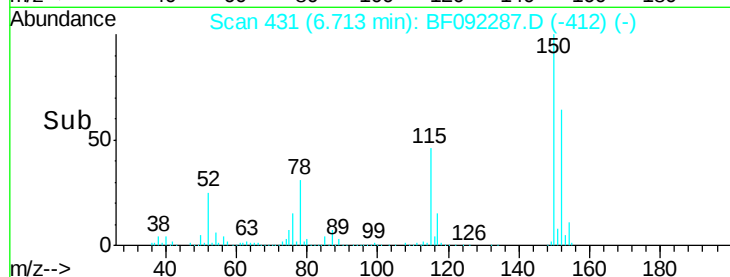
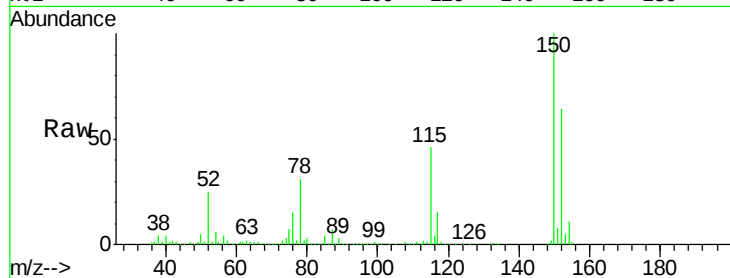
Tgt Ion: 79 Resp: 39036

Ion Ratio Lower Upper

79 100

108 24.6 61.4 92.0#

77 100.5 50.9 76.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 530

Delta R.T. -0.09 min

Lab File: BF092287.D

Acq: 16 Jan 2017 16:14

Tgt Ion: 136 Resp: 882655

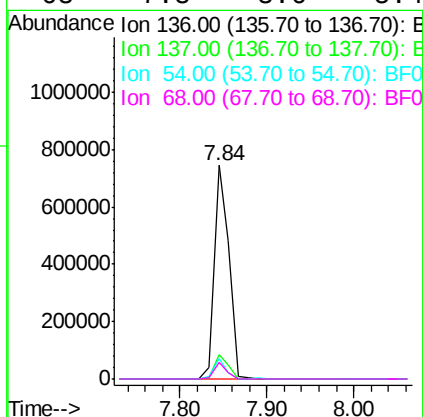
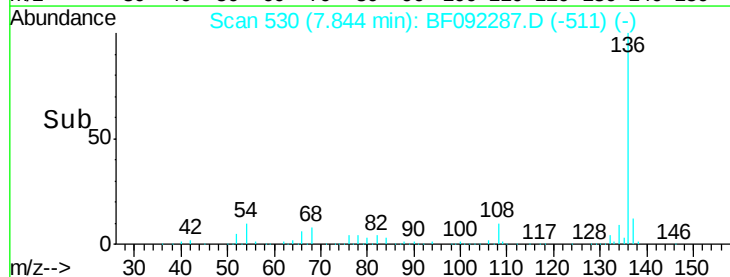
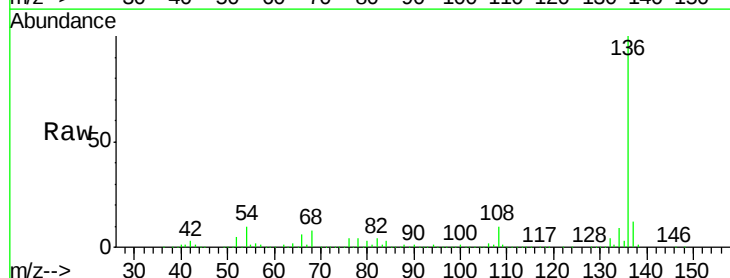
Ion Ratio Lower Upper

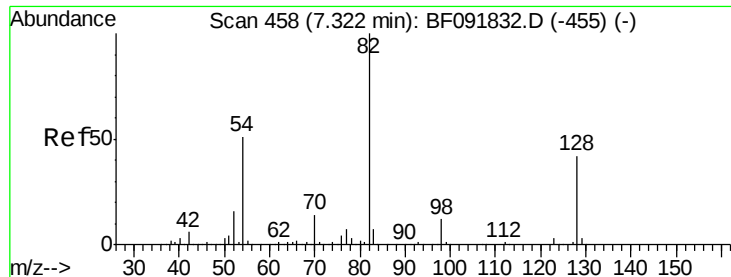
136 100

137 11.5 8.4 12.6

54 9.8 4.5 6.7#

68 7.8 3.6 5.4#

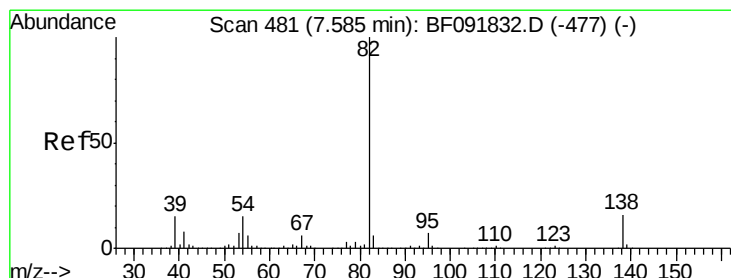
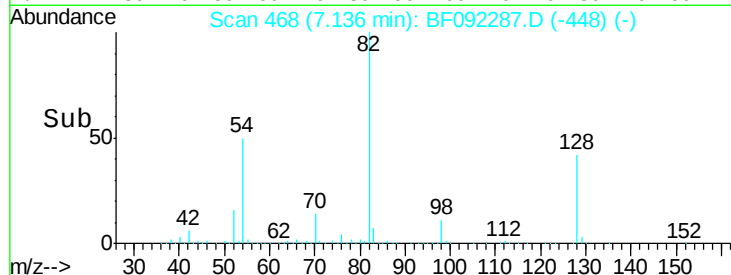
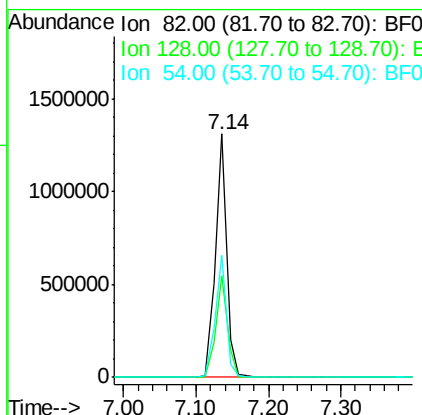
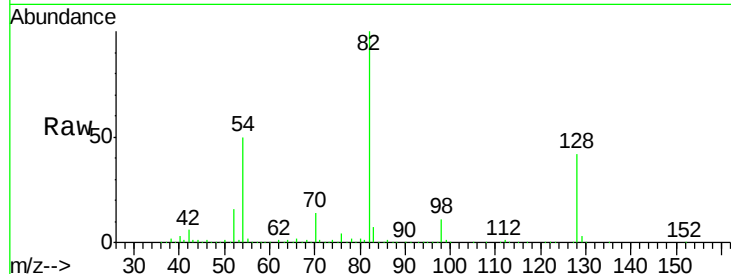




#23
 Nitrobenzene-d5
 Concen: 88.97 ng
 RT: 7.14 min Scan# 468
 Delta R.T. -0.08 min
 Lab File: BF092287.D
 Acq: 16 Jan 2017 16:14

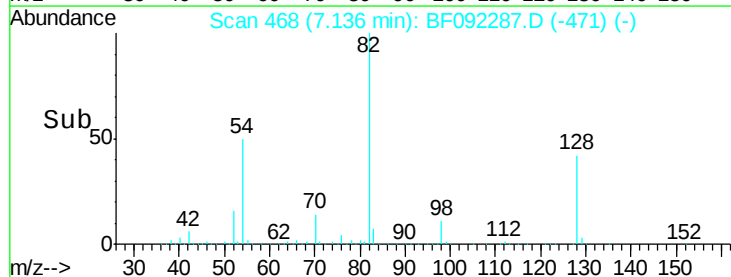
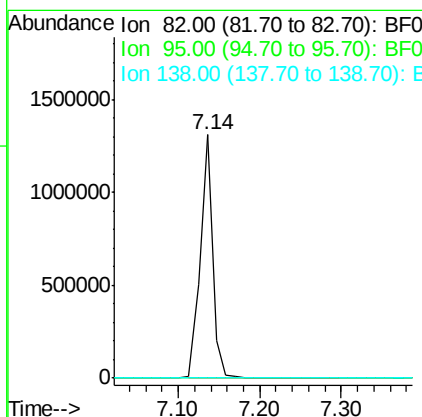
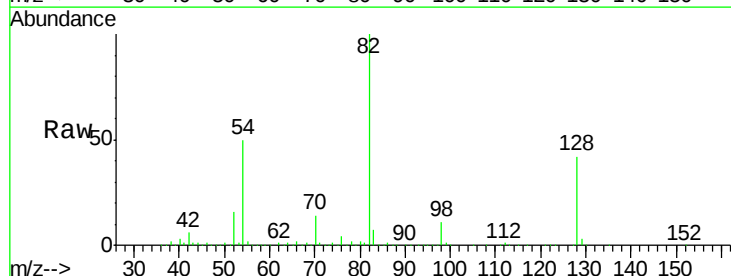
Instrument :
 BNA_F
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 WC011217-LIQUID-TODT-HILL

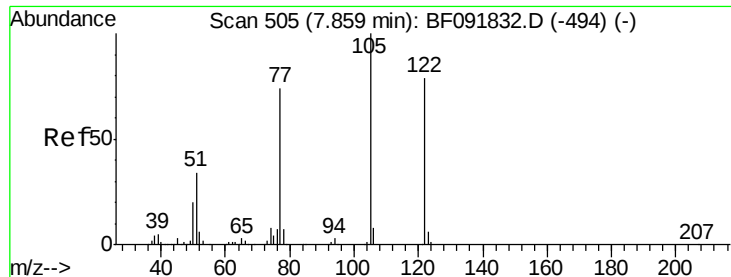
Tgt Ion: 82 Resp: 1412202
 Ion Ratio Lower Upper
 82 100
 128 41.8 34.6 52.0
 54 50.4 39.5 59.3



#25
 Isophorone
 Concen: 47.79 ng
 RT: 7.14 min Scan# 468
 Delta R.T. -0.34 min
 Lab File: BF092287.D
 Acq: 16 Jan 2017 16:14

Tgt Ion: 82 Resp: 1399417
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.6 8.4#
 138 0.0 14.6 22.0#

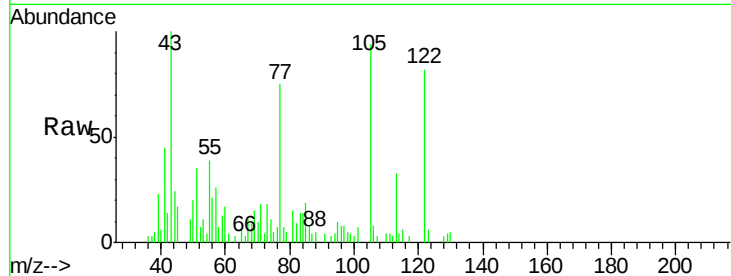




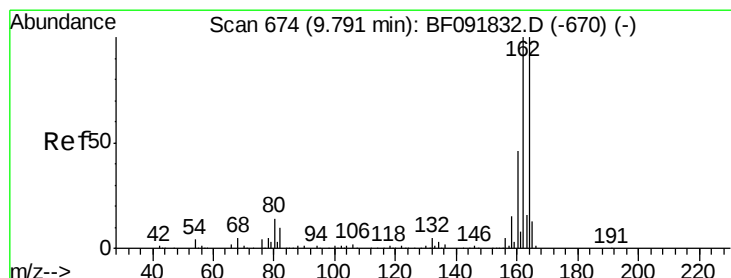
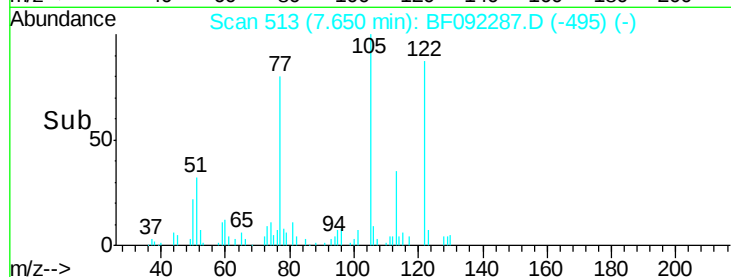
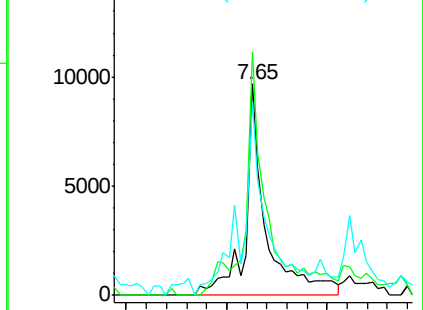
#32
Benzoic acid
Concen: 2.68 ng
RT: 7.65 min Scan# 513
Delta R.T. -0.10 min
Lab File: BF092287.D
Acq: 16 Jan 2017 16:14

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

Tgt Ion:122 Resp: 27511
Ion Ratio Lower Upper
122 100
105 115.2 107.2 147.2
77 91.7 74.5 114.5

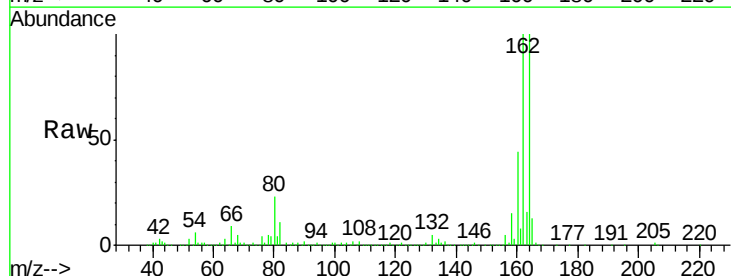


Abundance Ion 122.00 (121.70 to 122.70): E
15000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

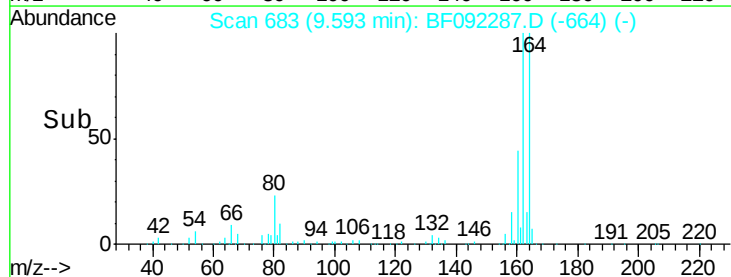
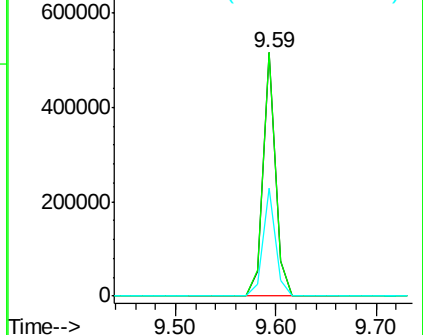


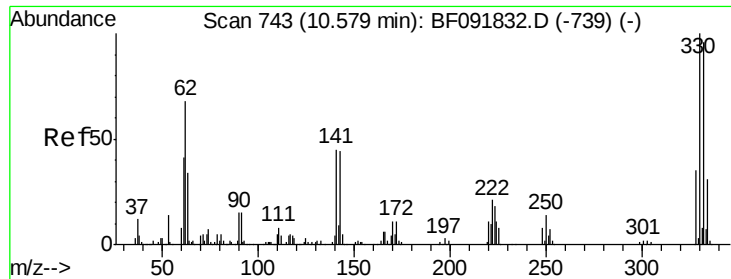
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 683
Delta R.T. -0.09 min
Lab File: BF092287.D
Acq: 16 Jan 2017 16:14

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

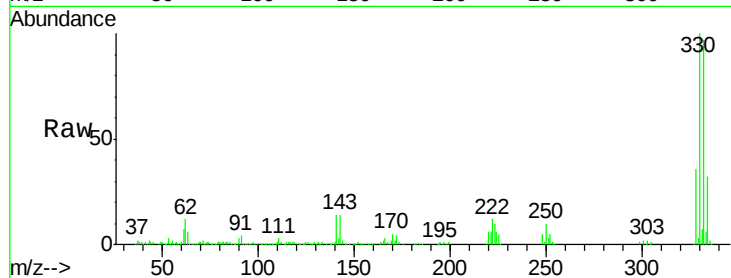




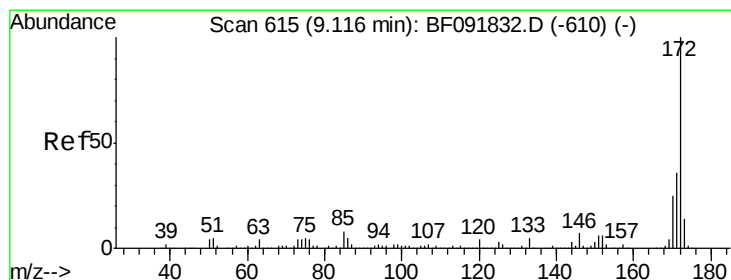
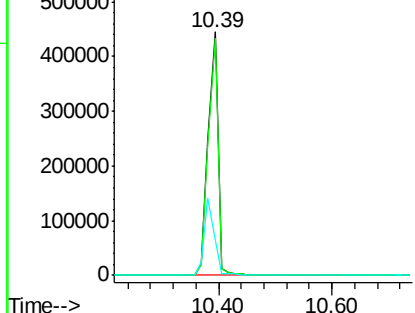
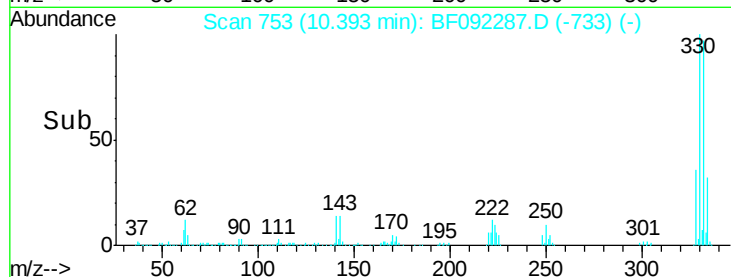
#41
 2,4,6-Tribromophenol
 Concen: 139.39 ng
 RT: 10.39 min Scan# 753
 Delta R.T. -0.08 min
 Lab File: BF092287.D
 Acq: 16 Jan 2017 16:14

Instrument :
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 ClientSampleId :
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Tgt Ion:330 Resp: 511243
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 31.7 34.1 51.1#

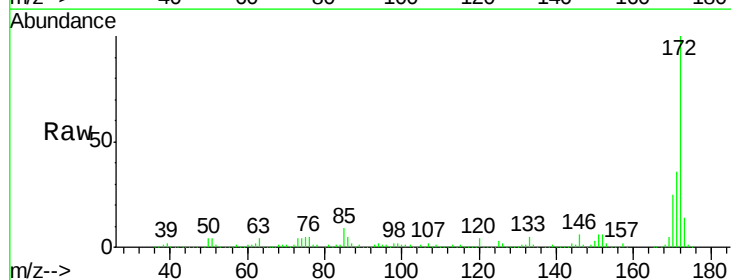


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

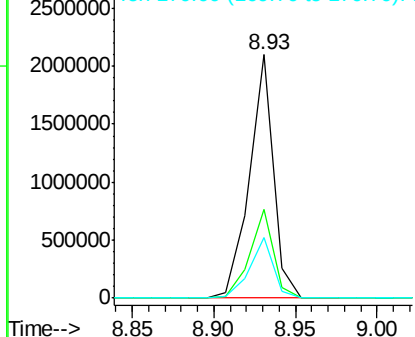
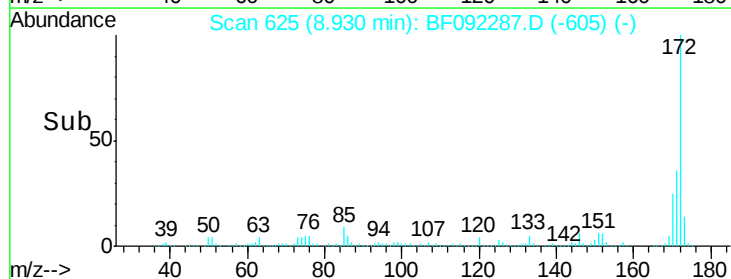


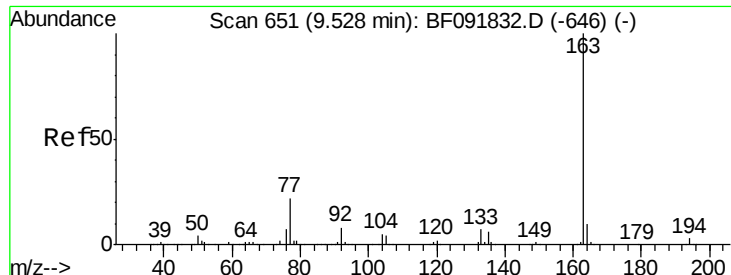
#44
 2-Fluorobiphenyl
 Concen: 101.55 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.08 min
 Lab File: BF092287.D
 Acq: 16 Jan 2017 16:14

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

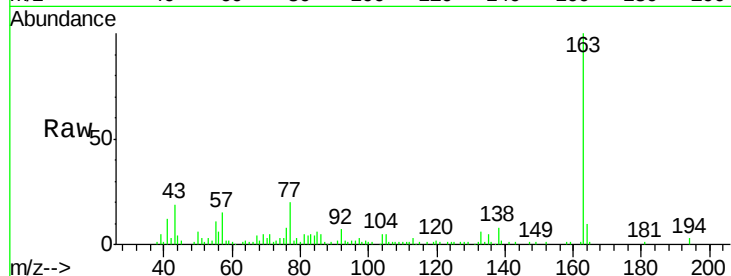




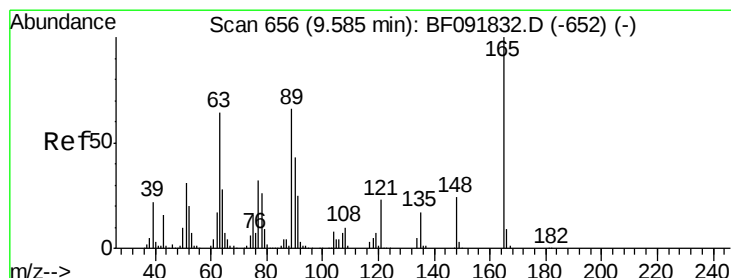
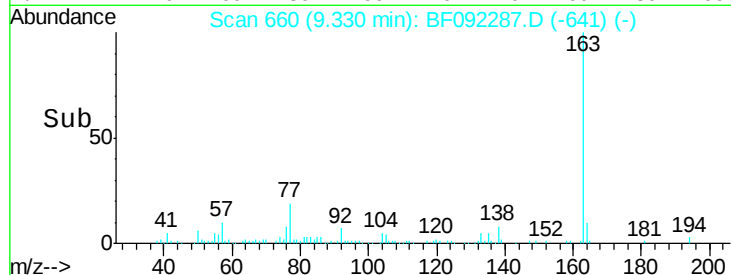
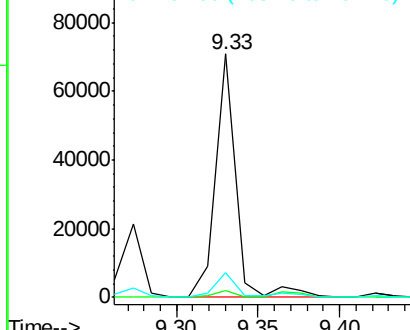
#49
Dimethylphthalate
Concen: 2.18 ng
RT: 9.33 min Scan# 660
Delta R.T. -0.09 min
Lab File: BF092287.D
Acq: 16 Jan 2017 16:14

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

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

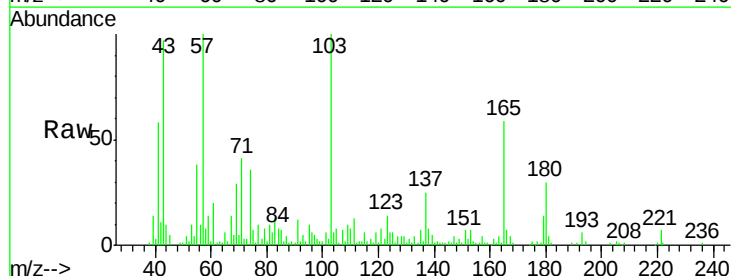


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

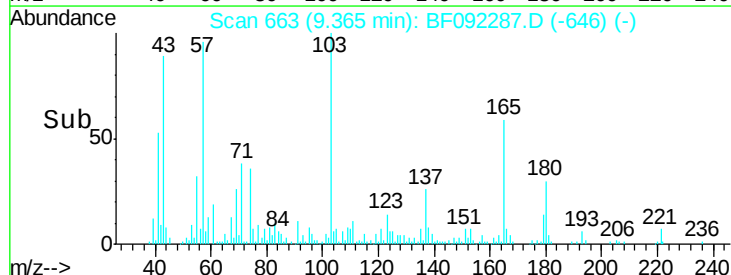
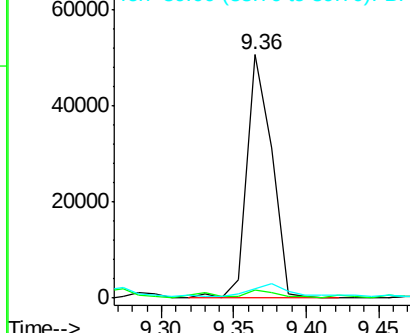


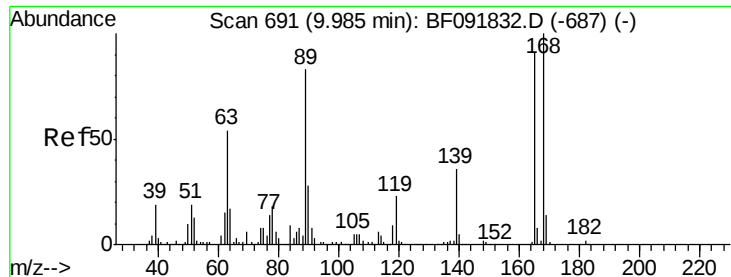
#50
2,6-Dinitrotoluene
Concen: 9.71 ng
RT: 9.36 min Scan# 663
Delta R.T. -0.11 min
Lab File: BF092287.D
Acq: 16 Jan 2017 16:14

Tgt Ion:165 Resp: 60262
Ion Ratio Lower Upper
165 100
63 3.5 36.2 54.4#
89 4.1 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

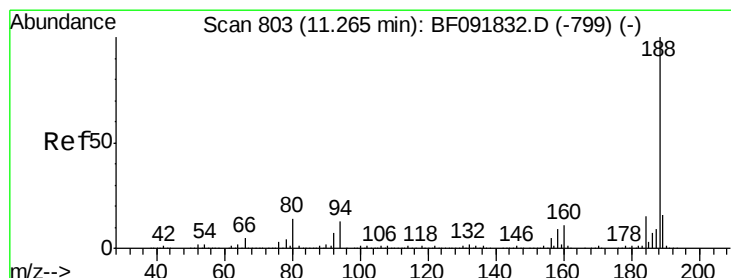
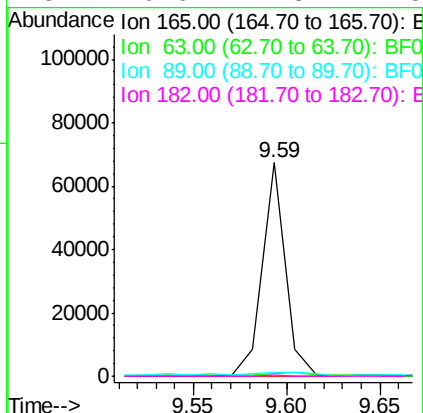
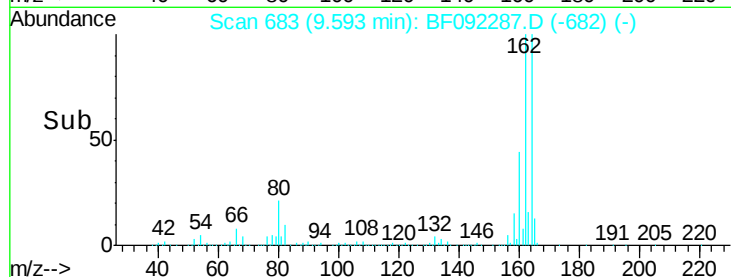
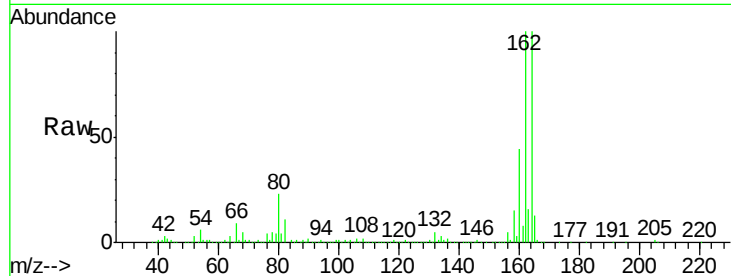




#56
 2,4-Dinitrotoluene
 Concen: 7.52 ng
 RT: 9.59 min Scan# 683
 Delta R.T. -0.29 min
 Lab File: BF092287.D
 Acq: 16 Jan 2017 16:14

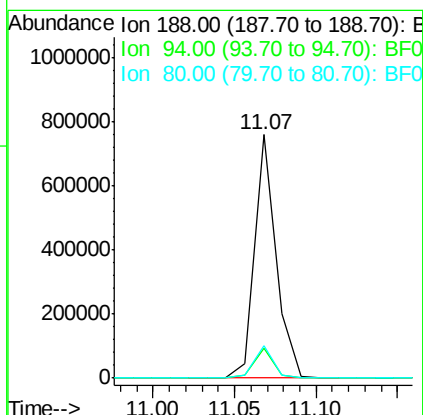
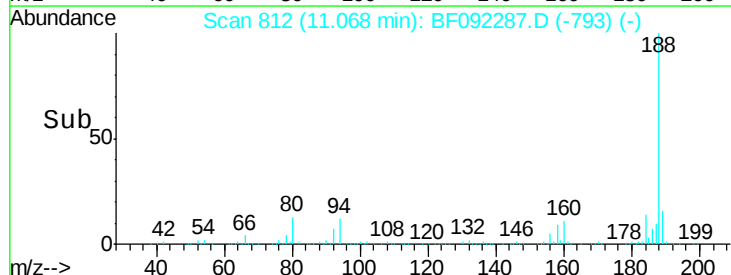
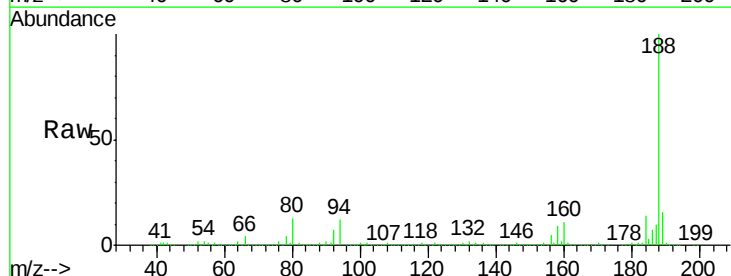
Instrument :
 BNA_F
 ClientSampleId :
 WC011217-LIQUID-TODT-HILL

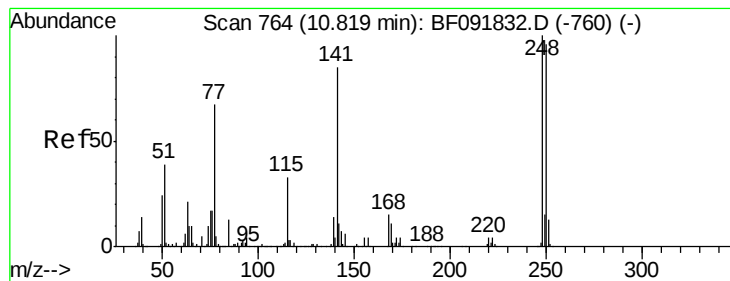
Tgt Ion:	165	Resp:	58553
Ion Ratio	Lower	Upper	
165	100		
63	1.4	40.2	60.4#
89	1.9	62.5	93.7#
182	0.6	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. -0.09 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





#66

4-Bromophenyl-phenylether

Concen: 4.22 ng

RT: 10.39 min Scan# 753

Delta R.T. -0.32 min

Lab File: BF092287.D

Acq: 16 Jan 2017 16:14

Instrument :

BNA_F

ClientSampleId :

WC011217-LIQUID-TODT-HILL

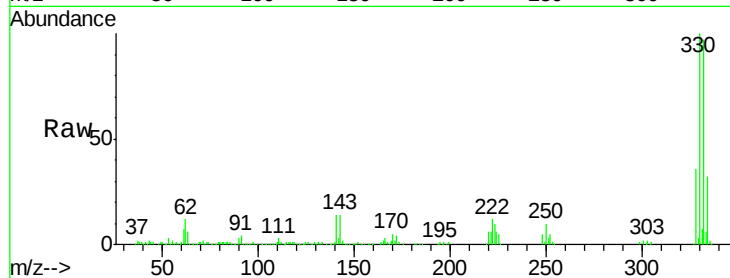
Tgt Ion:248 Resp: 30450

Ion Ratio Lower Upper

248 100

250 200.5 76.9 115.3#

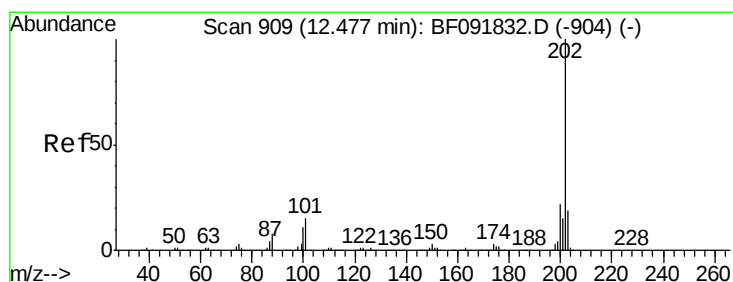
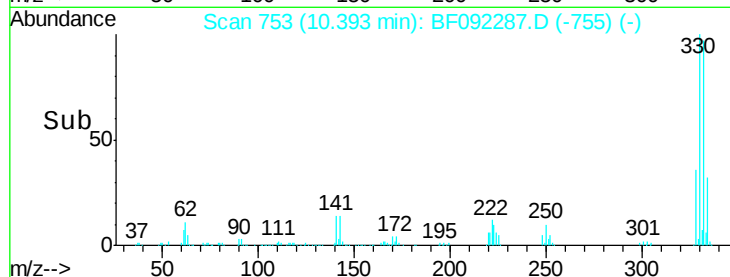
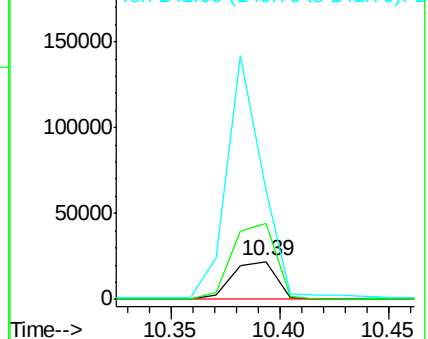
141 288.0 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.27 min Scan# 917

Delta R.T. -0.10 min

Lab File: BF092287.D

Acq: 16 Jan 2017 16:14

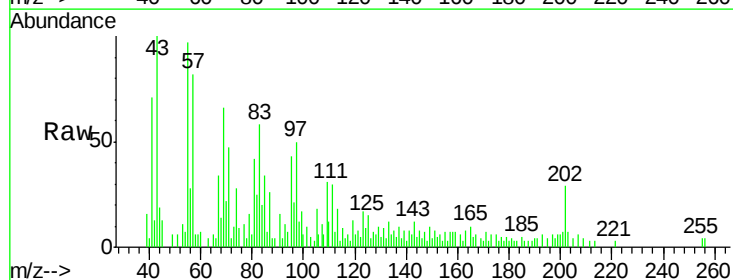
Tgt Ion:202 Resp: 4829

Ion Ratio Lower Upper

202 100

101 34.3 0.0 34.6

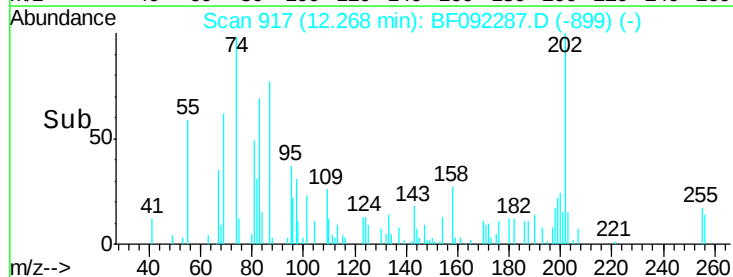
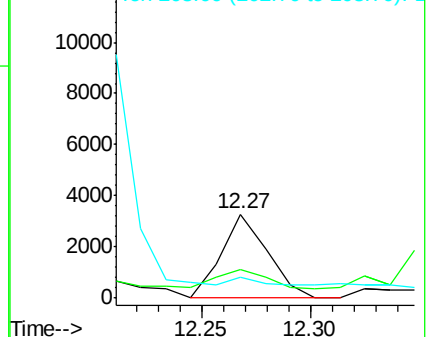
203 24.3 0.0 38.7

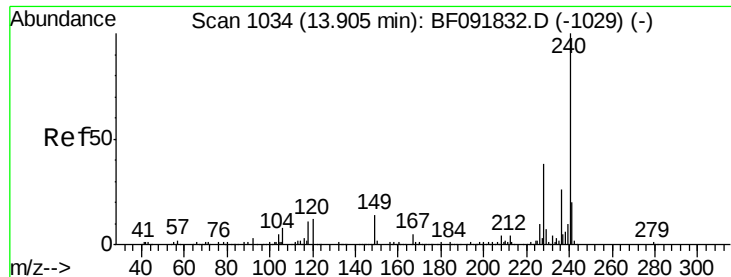


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1042

Delta R.T. -0.09 min

Lab File: BF092287.D

Acq: 16 Jan 2017 16:14

Instrument :

BNA_F

ClientSampleId :

WC011217-LIQUID-TODT-HILL

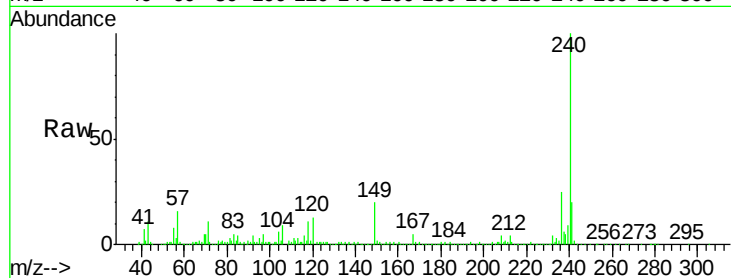
Tgt Ion:240 Resp: 540485

Ion Ratio Lower Upper

240 100

120 12.8 12.9 19.3#

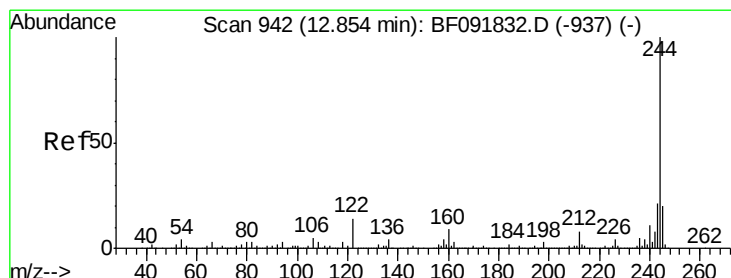
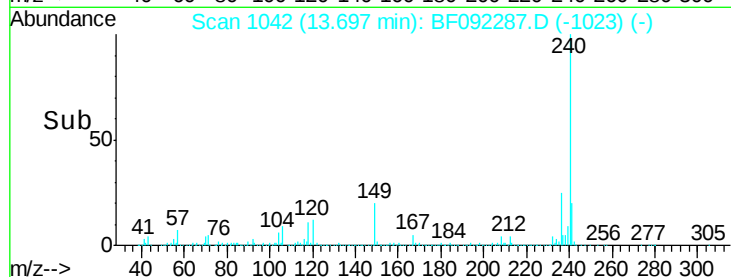
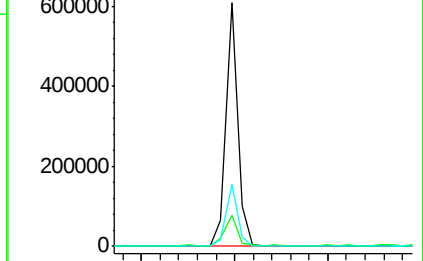
236 25.3 20.9 31.3



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. -0.09 min

Lab File: BF092287.D

Acq: 16 Jan 2017 16:14

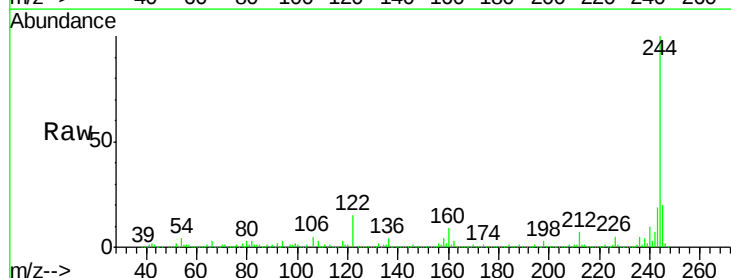
Tgt Ion:244 Resp: 2180056

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

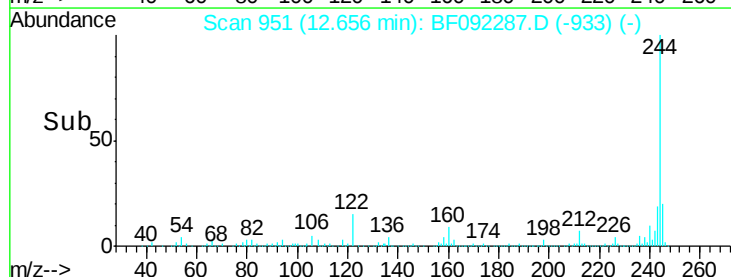
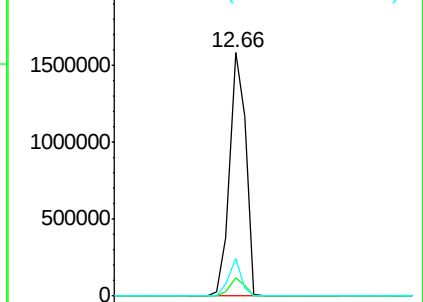
122 15.3 11.4 17.2

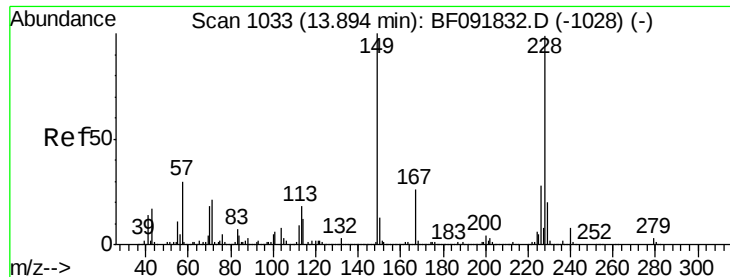


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

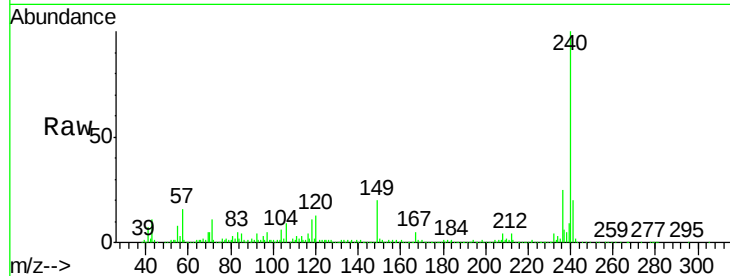




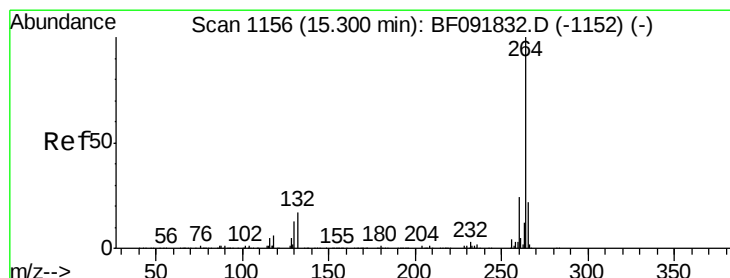
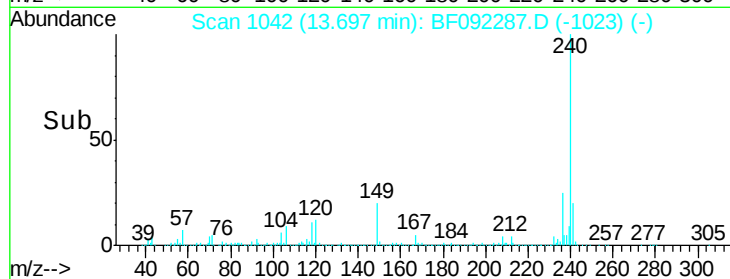
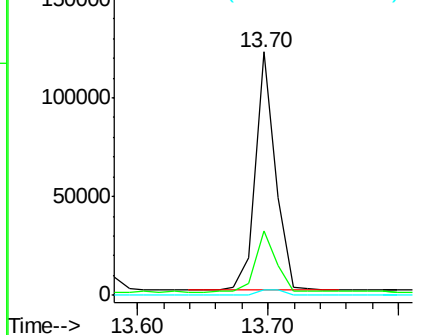
#83
Bis(2-ethylhexyl)phthalate
Concen: 6.06 ng
RT: 13.70 min Scan# 1042
Delta R.T. -0.09 min
Lab File: BF092287.D
Acq: 16 Jan 2017 16:14

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

Tgt Ion:149 Resp: 128680
Ion Ratio Lower Upper
149 100
167 26.6 20.2 30.4
279 2.2 1.8 2.8

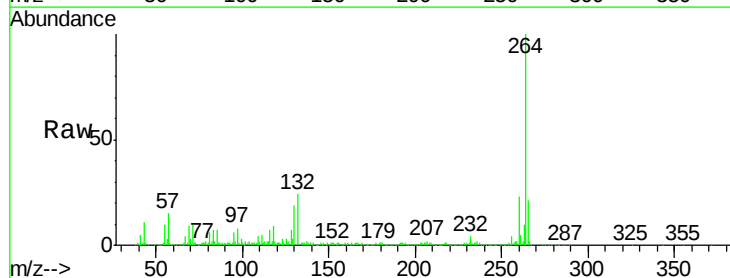


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. -0.10 min
Lab File: BF092287.D
Acq: 16 Jan 2017 16:14

Tgt Ion:264 Resp: 444843
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

