

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
 Data File : BF092312.D
 Acq On : 17 Jan 2017 6:05
 Operator : UM/SJ
 Sample : I1182-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217

Quant Time: Jan 17 06:36:10 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

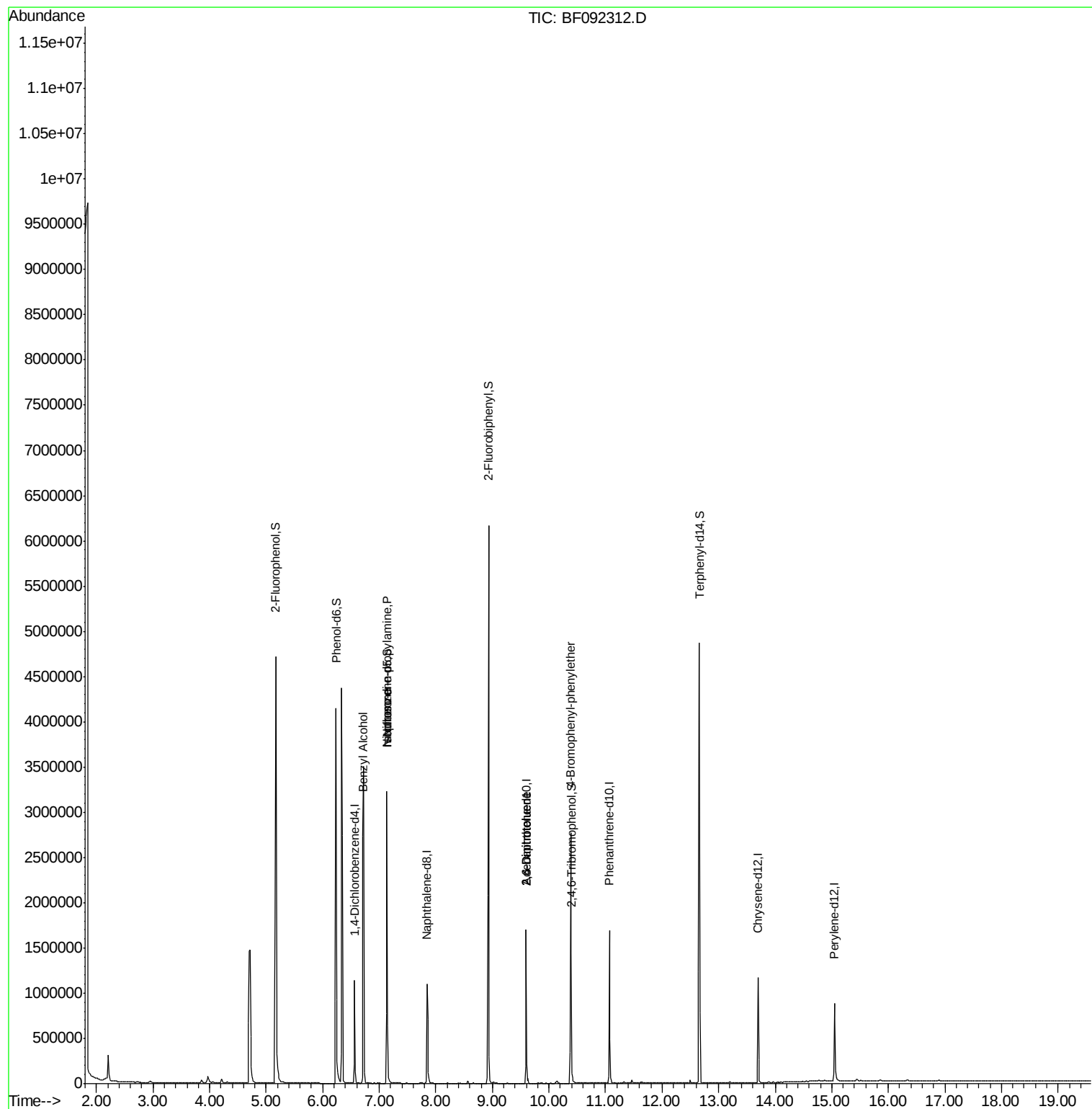
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	174820	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	663261	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	347228	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	631605	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	410282	20.00	ng	-0.01
86) Perylene-d12	15.05	264	451758	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	1633912	156.06	ng	0.02
7) Phenol-d6	6.23	99	1614014	126.26	ng	0.00
23) Nitrobenzene-d5	7.14	82	1165529	97.71	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	442228	153.89	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	1963120	121.36	ng	0.00
78) Terphenyl-d14	12.66	244	1560944	92.27	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.71	79	20680	2.08	ng	# 50
19) n-Nitroso-di-n-propylamine	7.14	70	153585	18.06	ng	# 76
25) Isophorone	7.14	82	1162962	52.85	ng	# 65
37) 2-Methylnaphthalene	8.56	142	8771	Below Cal		93
50) 2,6-Dinitrotoluene	9.59	165	43822	9.02	ng	# 30
56) 2,4-Dinitrotoluene	9.59	165	43822	7.18	ng	# 19
66) 4-Bromophenyl-phenylether	10.38	248	25401	3.87	ng	# 1
71) Anthracene	11.09	178	15356	Below Cal		97
73) Di-n-butylphthalate	11.65	149	4178	Below Cal	#	95
74) Fluoranthene	12.28	202	1270	Below Cal		61

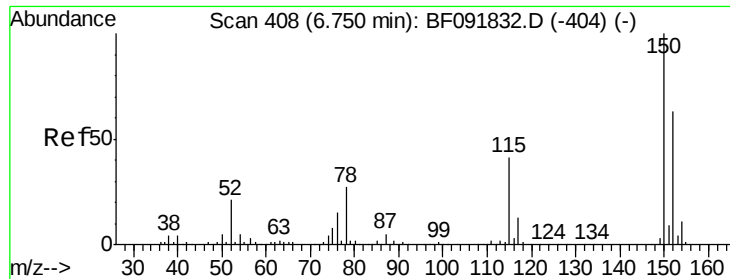
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092312.D

Acq: 17 Jan 2017 6:05

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217

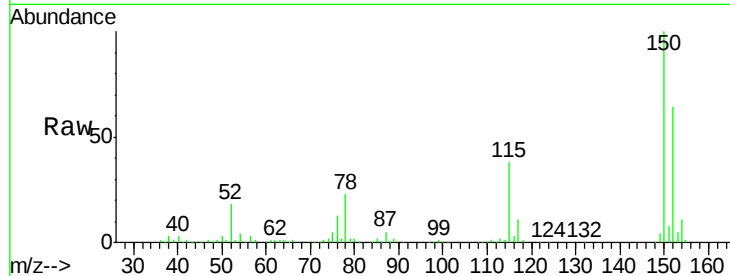
Tgt Ion:152 Resp: 174820

Ion Ratio Lower Upper

152 100

150 155.5 124.9 187.3

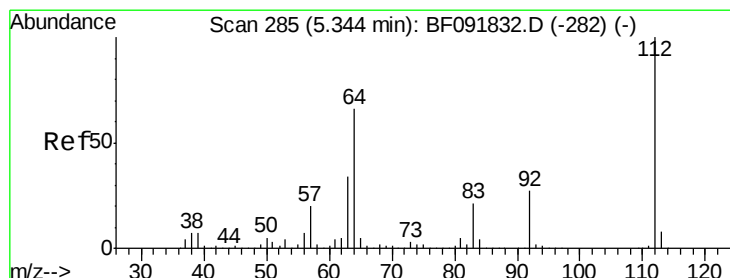
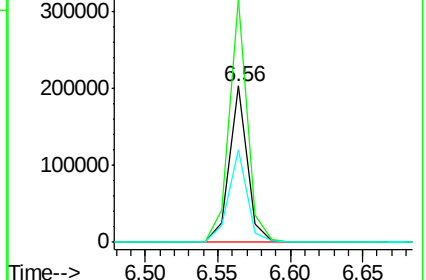
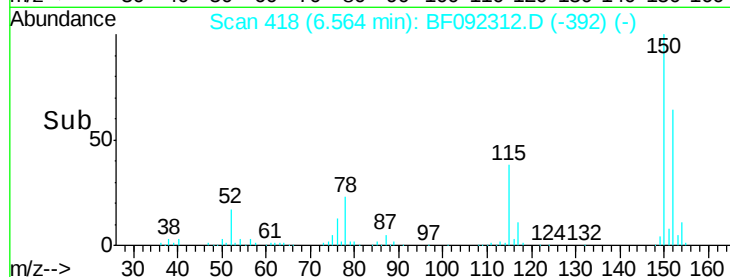
115 59.1 46.0 69.0



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: 156.06 ng

RT: 5.17 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF092312.D

Acq: 17 Jan 2017 6:05

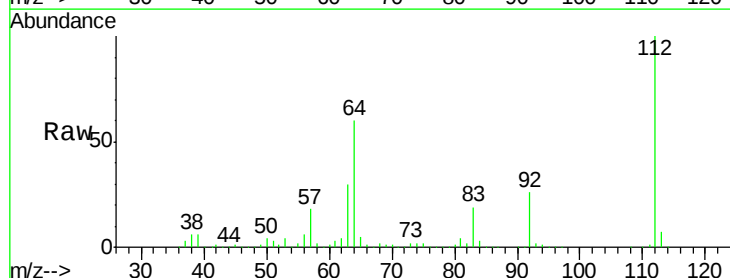
Tgt Ion:112 Resp: 1633912

Ion Ratio Lower Upper

112 100

64 59.9 46.1 69.1

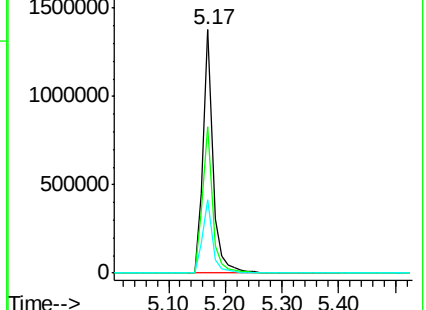
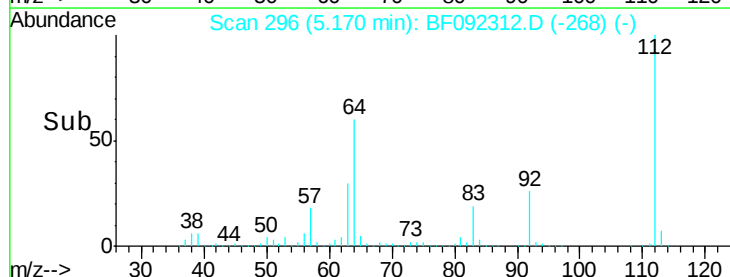
63 30.3 23.8 35.6

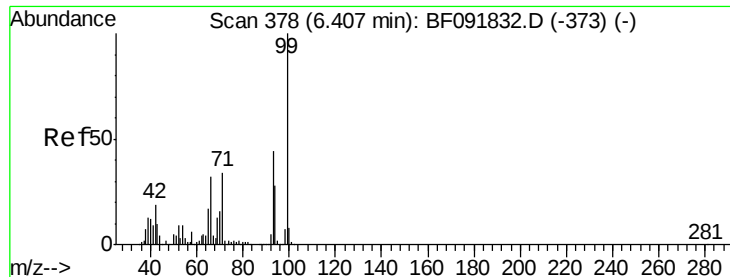


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.26 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092312.D

Acq: 17 Jan 2017 6:05

Instrument :

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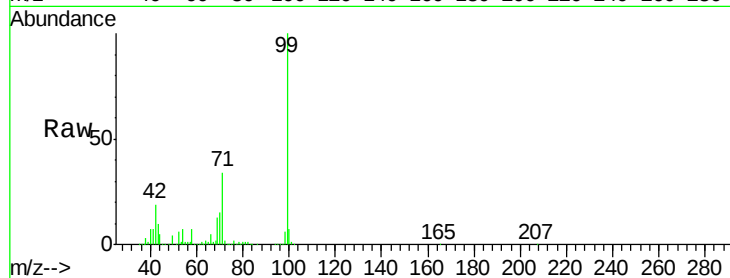
Tgt Ion: 99 Resp: 1614014

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

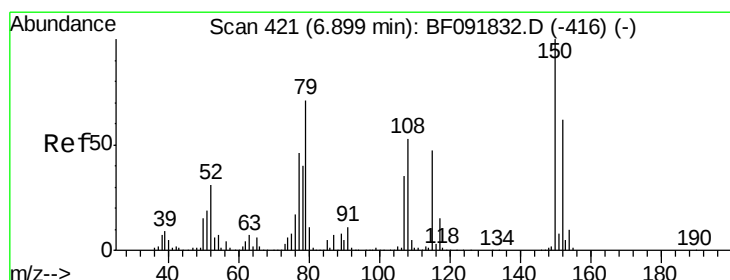
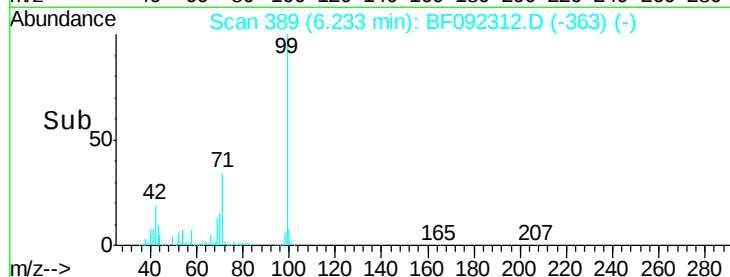
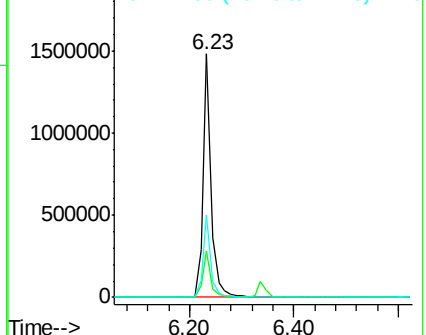
71 33.8 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 6.71 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF092312.D

Acq: 17 Jan 2017 6:05

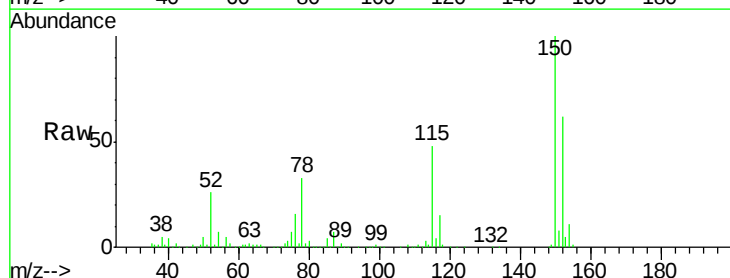
Tgt Ion: 79 Resp: 20680

Ion Ratio Lower Upper

79 100

108 26.4 61.4 92.0#

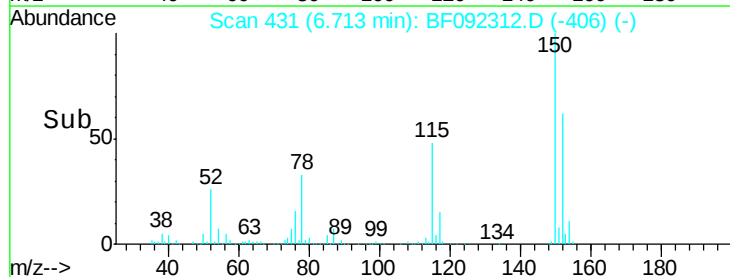
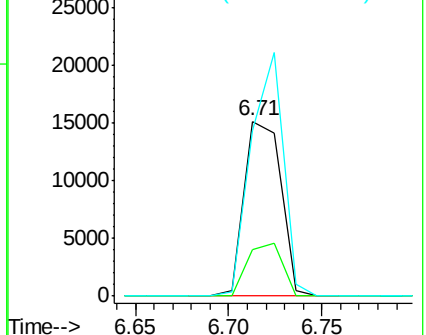
77 94.7 50.9 76.3#

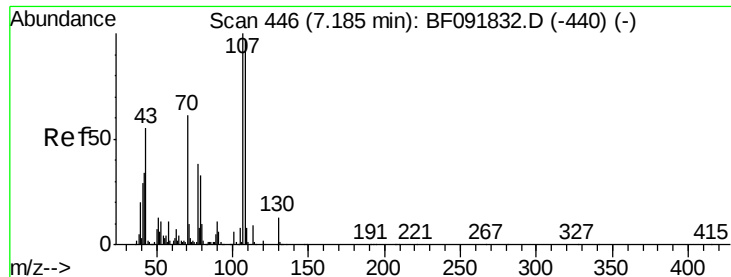


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

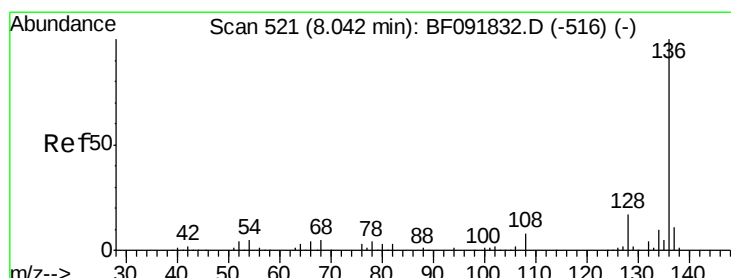
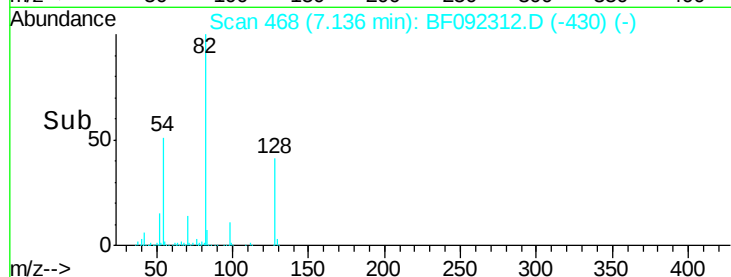
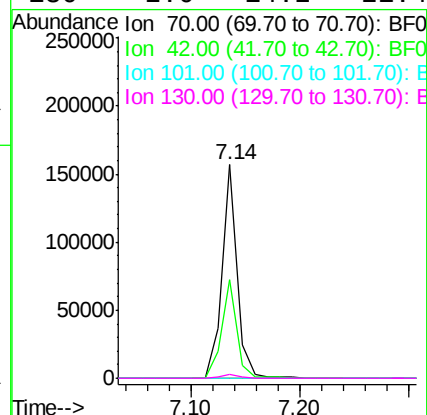
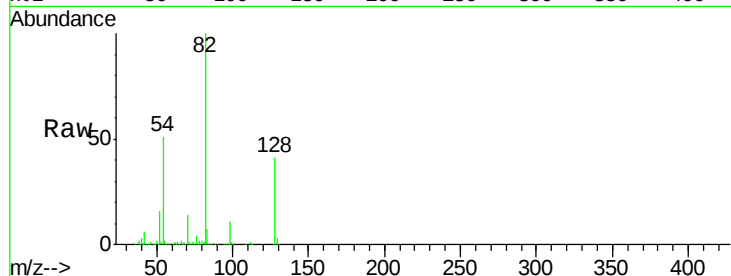




#19
n-Nitroso-di-n-propylamine
Concen: 18.06 ng
RT: 7.14 min Scan# 468
Delta R.T. 0.14 min
Lab File: BF092312.D
Acq: 17 Jan 2017 6:05

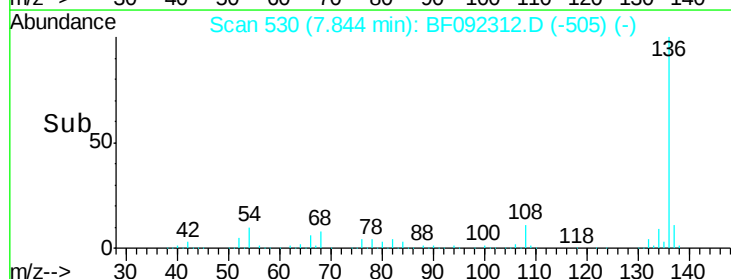
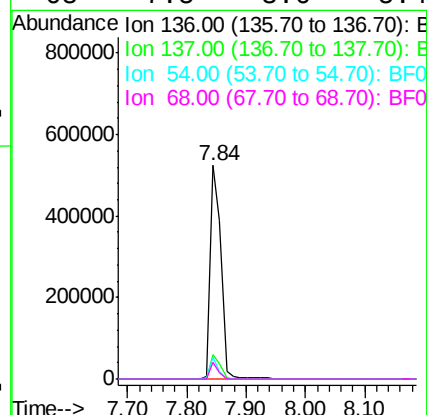
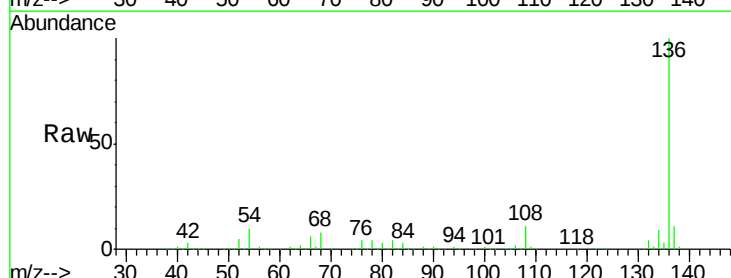
Instrument :
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ClientSampleId :
TOD-WCS-011217

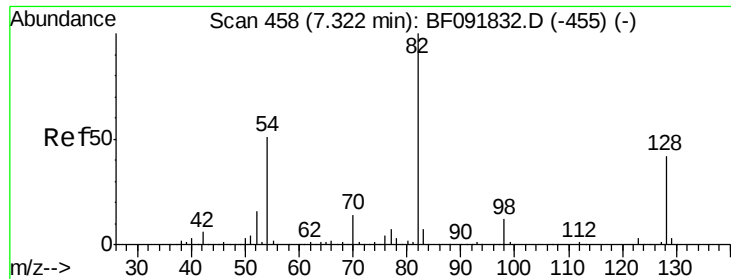
Tgt Ion: 70 Resp: 153585
Ion Ratio Lower Upper
70 100
42 46.2 49.4 74.0#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF092312.D
Acq: 17 Jan 2017 6:05

Tgt Ion: 136 Resp: 663261
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 10.0 4.5 6.7#
68 7.5 3.6 5.4#

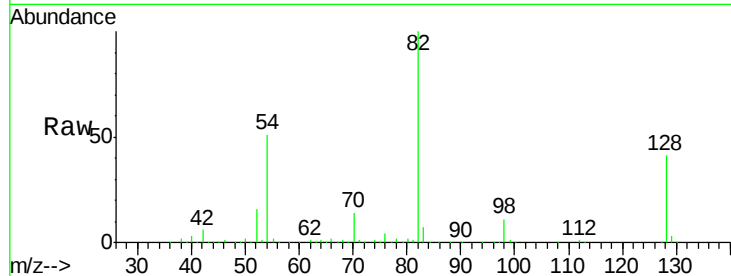




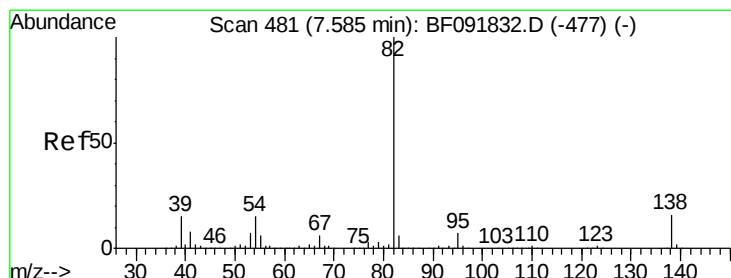
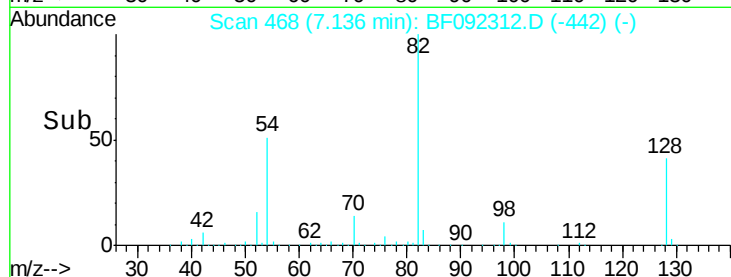
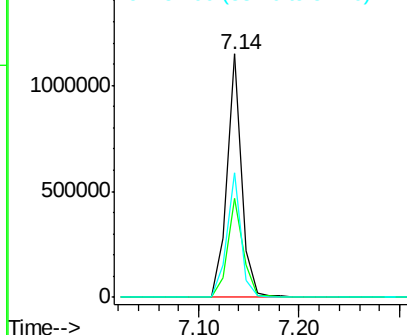
#23
 Nitrobenzene-d5
 Concen: 97.71 ng
 RT: 7.14 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF092312.D
 Acq: 17 Jan 2017 6:05

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217

Tgt Ion: 82 Resp: 1165529
 Ion Ratio Lower Upper
 82 100
 128 40.5 34.6 52.0
 54 51.2 39.5 59.3

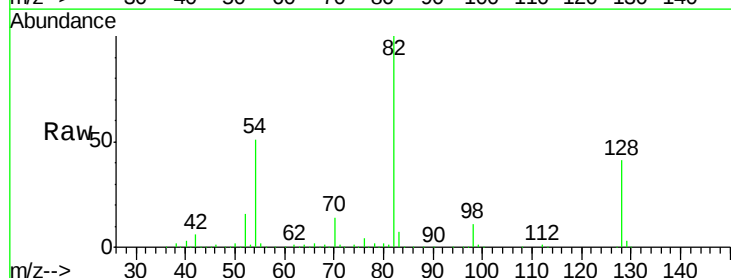


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

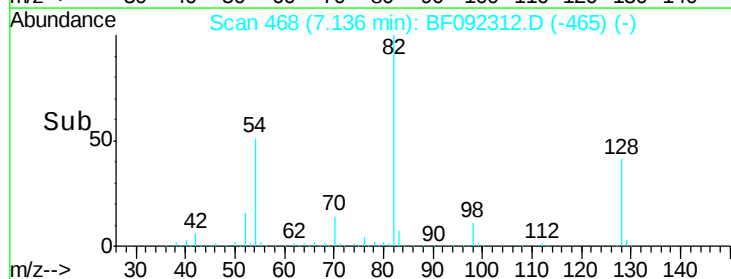
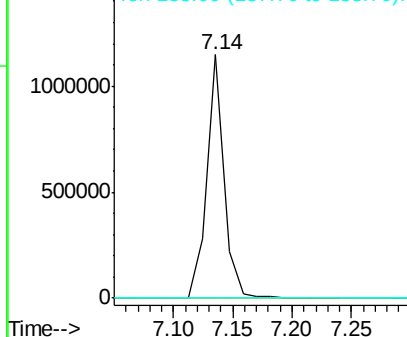


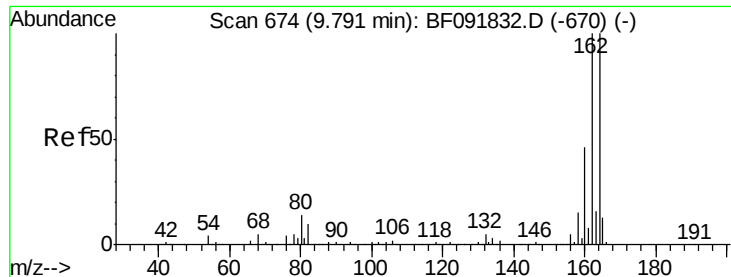
#25
 Isophorone
 Concen: 52.85 ng
 RT: 7.14 min Scan# 468
 Delta R.T. -0.26 min
 Lab File: BF092312.D
 Acq: 17 Jan 2017 6:05

Tgt Ion: 82 Resp: 1162962
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092312.D

Acq: 17 Jan 2017 6:05

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217

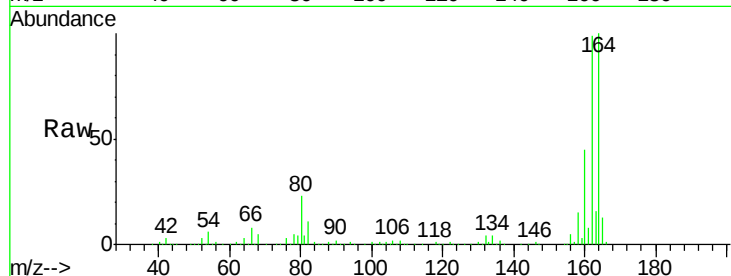
Tgt Ion:164 Resp: 347228

Ion Ratio Lower Upper

164 100

162 99.4 80.2 120.2

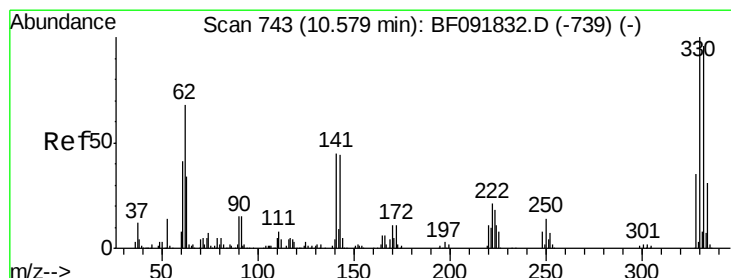
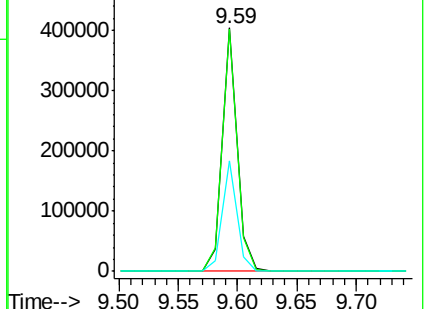
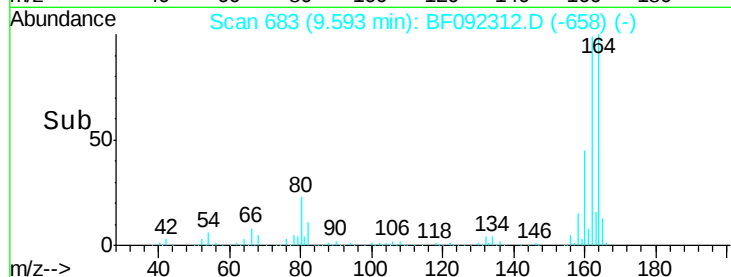
160 45.2 36.9 55.3



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: 153.89 ng

RT: 10.39 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF092312.D

Acq: 17 Jan 2017 6:05

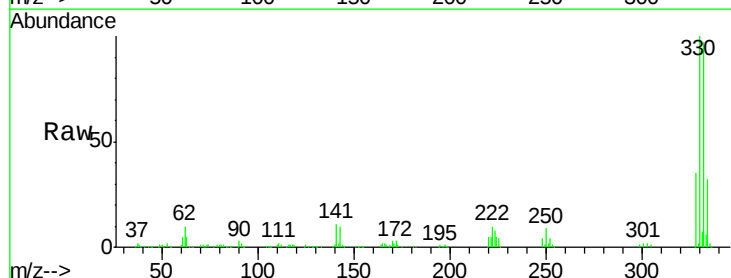
Tgt Ion:330 Resp: 442228

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

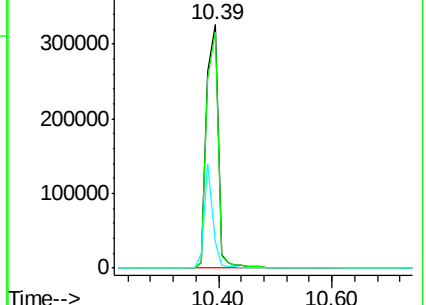
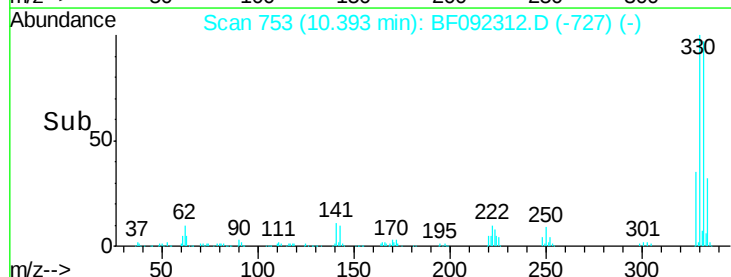
141 32.0 34.1 51.1#

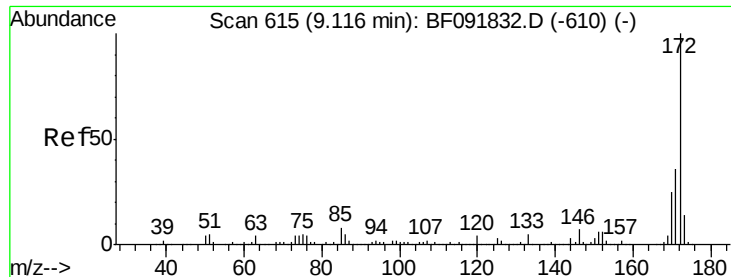


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

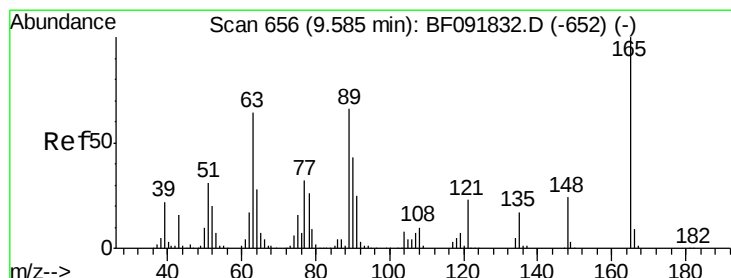
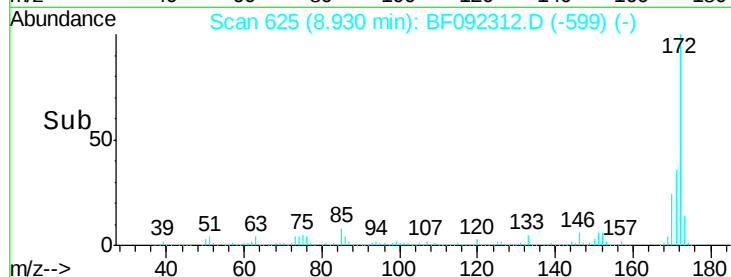
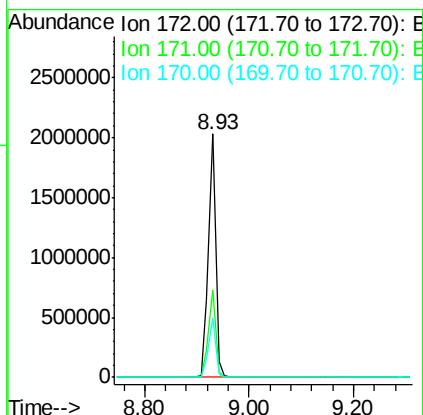
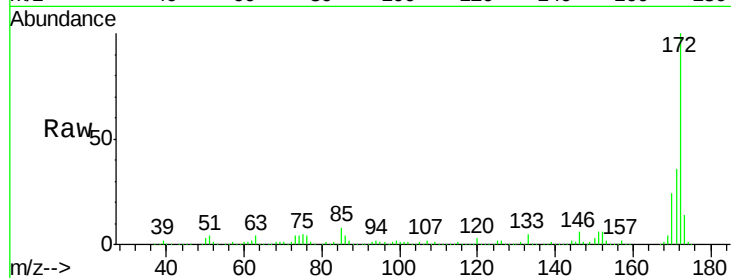




#44
 2-Fluorobiphenyl
 Concen: 121.36 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092312.D
 Acq: 17 Jan 2017 6:05

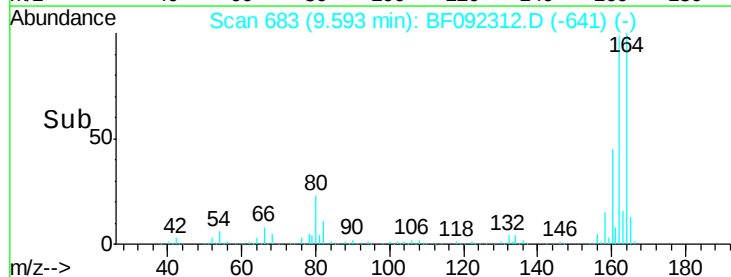
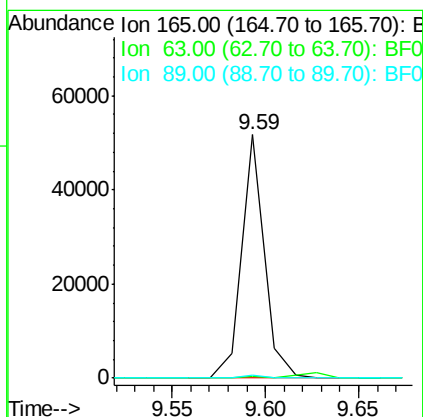
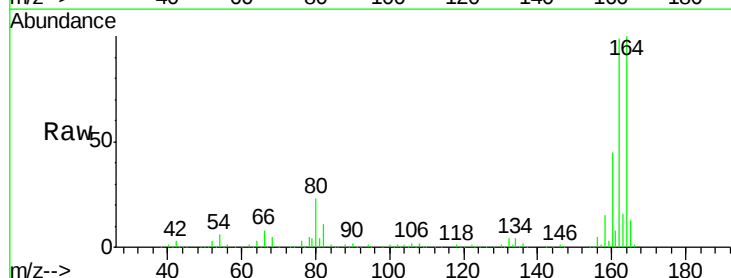
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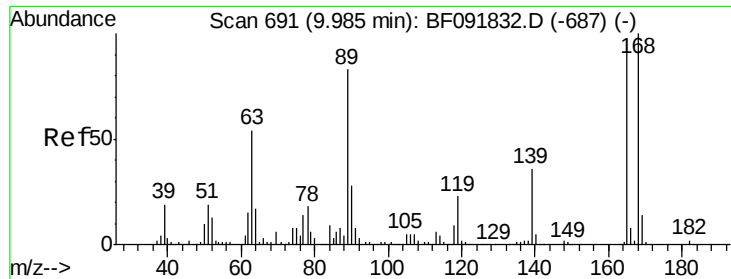
Tgt Ion:172 Resp: 1963120
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.5 20.2 30.4



#50
 2,6-Dinitrotoluene
 Concen: 9.02 ng
 RT: 9.59 min Scan# 683
 Delta R.T. 0.18 min
 Lab File: BF092312.D
 Acq: 17 Jan 2017 6:05

Tgt Ion:165 Resp: 43822
 Ion Ratio Lower Upper
 165 100
 63 0.8 36.2 54.4#
 89 1.1 40.2 60.4#

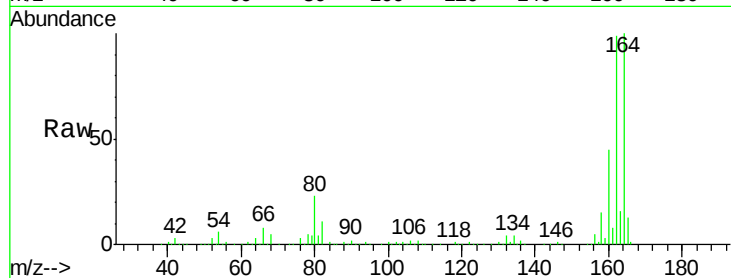




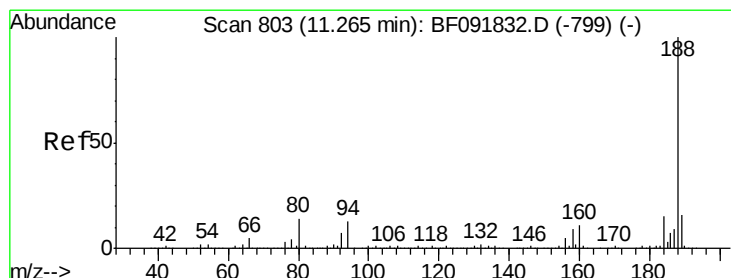
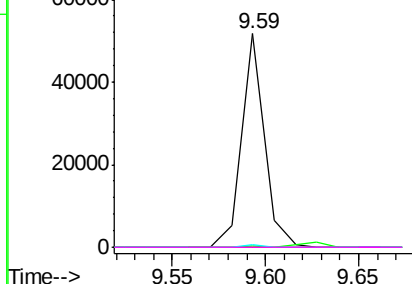
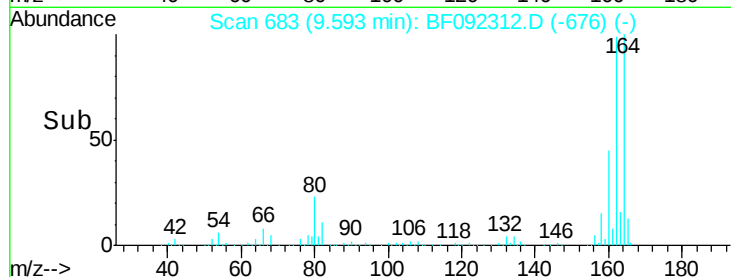
#56
 2,4-Dinitrotoluene
 Concen: 7.18 ng
 RT: 9.59 min Scan# 683
 Delta R.T. -0.22 min
 Lab File: BF092312.D
 Acq: 17 Jan 2017 6:05

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217

Tgt Ion:165 Resp: 43822
 Ion Ratio Lower Upper
 165 100
 63 0.8 40.2 60.4#
 89 1.1 62.5 93.7#
 182 0.0 1.8 2.8#

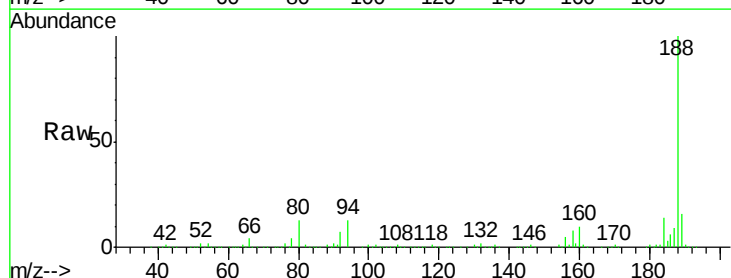


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

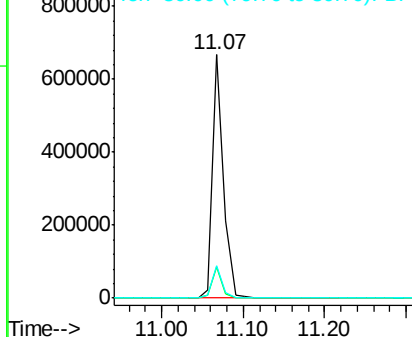
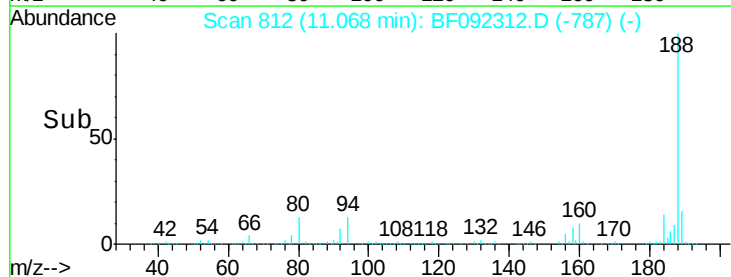


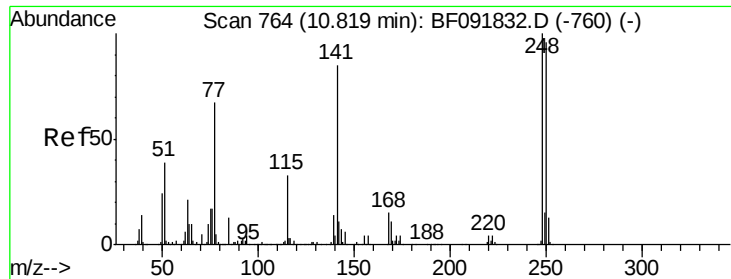
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF092312.D
 Acq: 17 Jan 2017 6:05

Tgt Ion:188 Resp: 631605
 Ion Ratio Lower Upper
 188 100
 94 12.5 10.0 15.0
 80 13.4 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

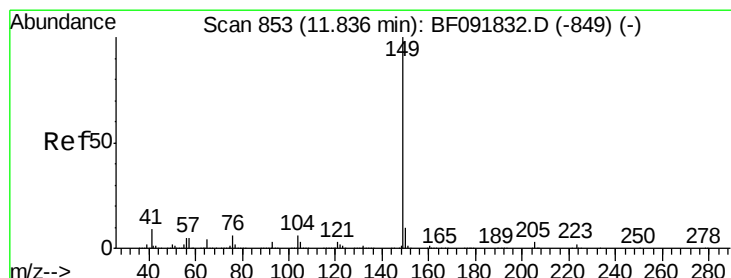
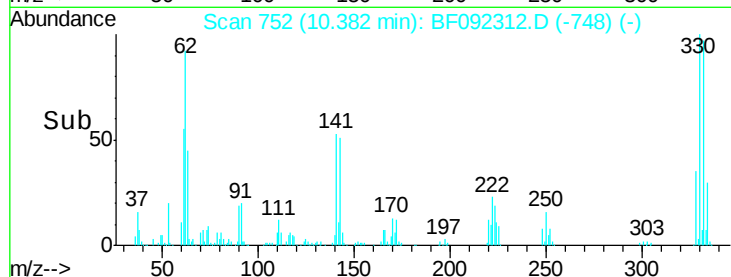
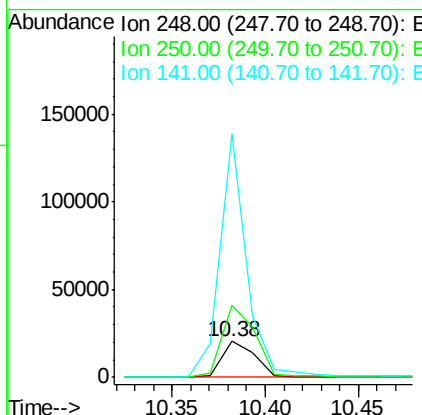
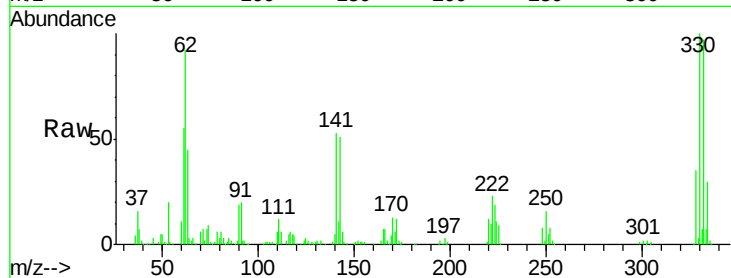




#66
 4-Bromophenyl-phenylether
 Concen: 3.87 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.25 min
 Lab File: BF092312.D
 Acq: 17 Jan 2017 6:05

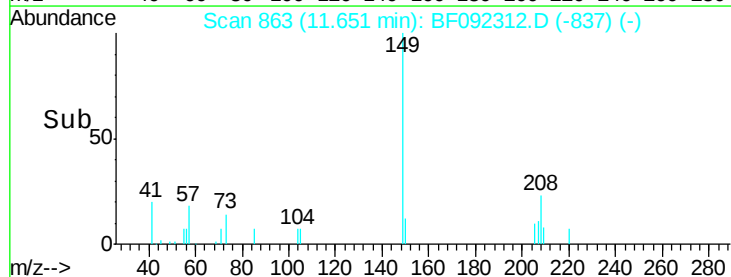
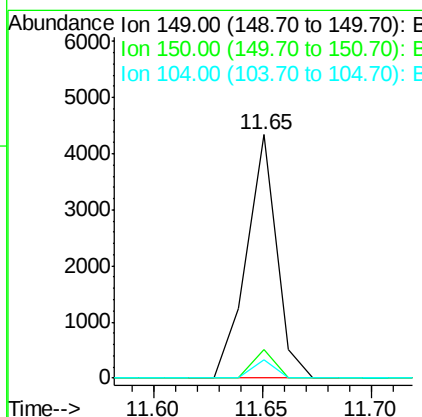
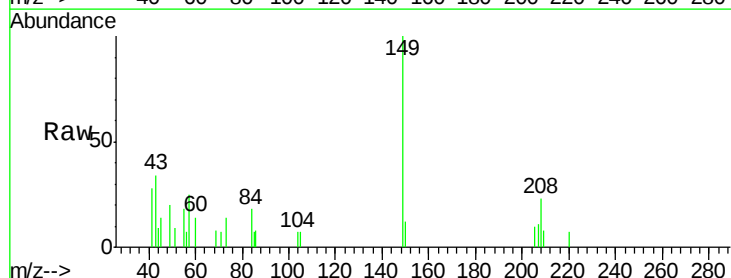
Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217

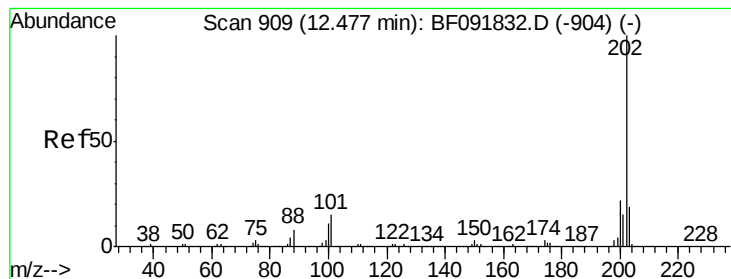
Tgt Ion:248 Resp: 25401
 Ion Ratio Lower Upper
 248 100
 250 200.9 76.9 115.3#
 141 679.1 68.2 102.4#



#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.65 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF092312.D
 Acq: 17 Jan 2017 6:05

Tgt Ion:149 Resp: 4178
 Ion Ratio Lower Upper
 149 100
 150 11.7 8.1 12.1
 104 7.3 4.6 7.0#





#74

Fluoranthene

Concen: Below Cal

RT: 12.28 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF092312.D

Acq: 17 Jan 2017 6:05

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217

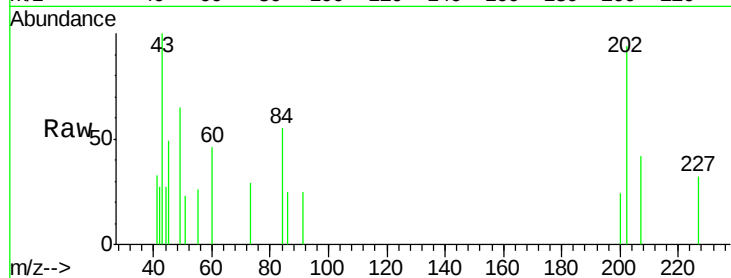
Tgt Ion: 202 Resp: 1270

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

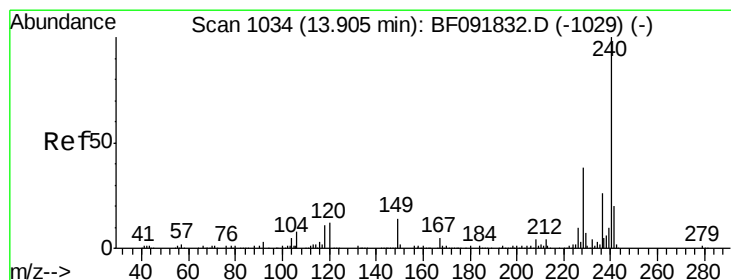
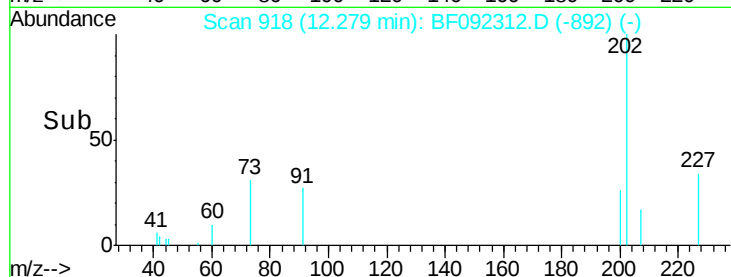
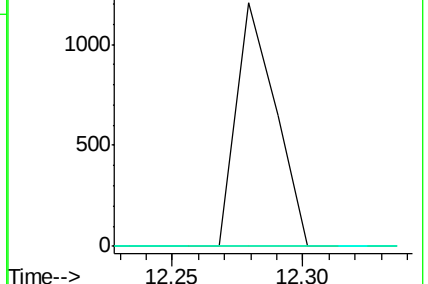
203 0.0 0.0 38.7



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. -0.01 min

Lab File: BF092312.D

Acq: 17 Jan 2017 6:05

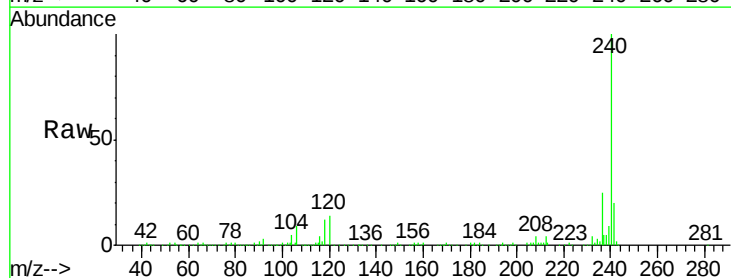
Tgt Ion: 240 Resp: 410282

Ion Ratio Lower Upper

240 100

120 13.6 12.9 19.3

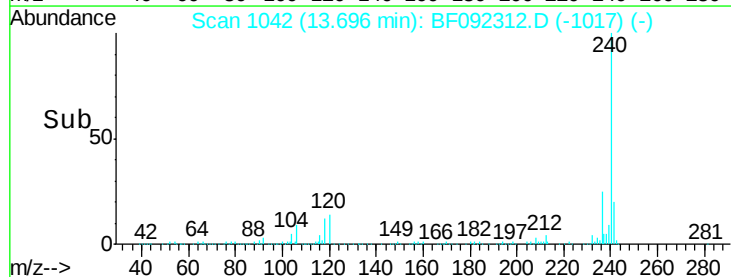
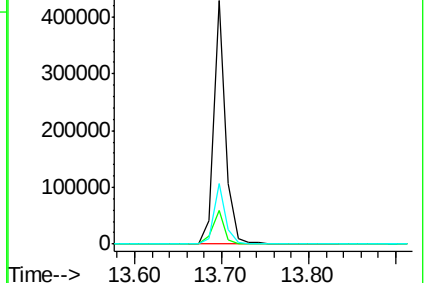
236 25.0 20.9 31.3

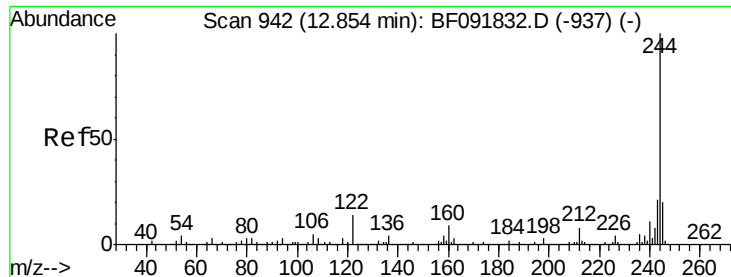


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

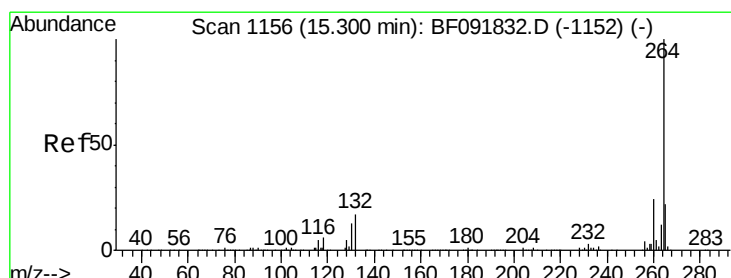
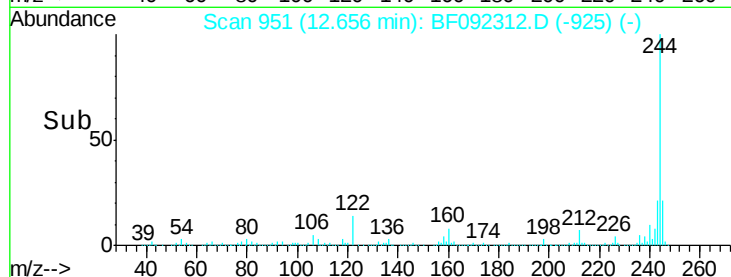
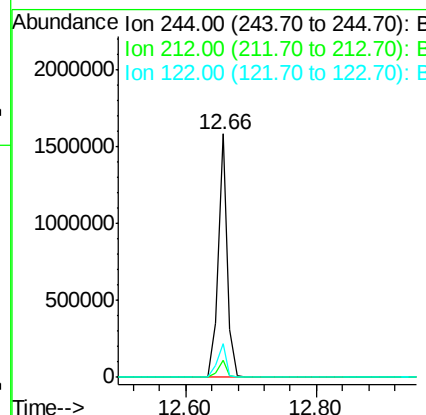
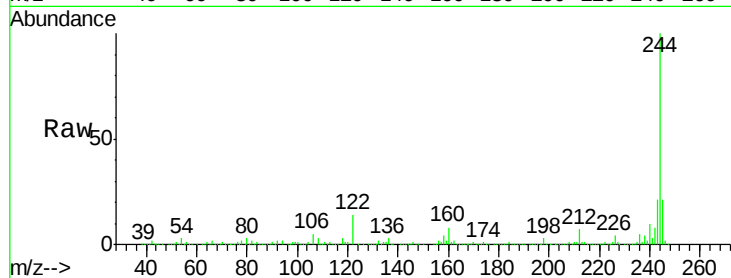




#78
 Terphenyl-d14
 Concen: 92.27 ng
 RT: 12.66 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF092312.D
 Acq: 17 Jan 2017 6:05

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217

Tgt Ion:244 Resp: 1560944
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 13.8 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF092312.D
 Acq: 17 Jan 2017 6:05

Tgt Ion:264 Resp: 451758
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 22.2 17.4 26.0

