

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
 Data File : BF092315.D
 Acq On : 17 Jan 2017 7:29
 Operator : UM/SJ
 Sample : I1219-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 17 09:55:50 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

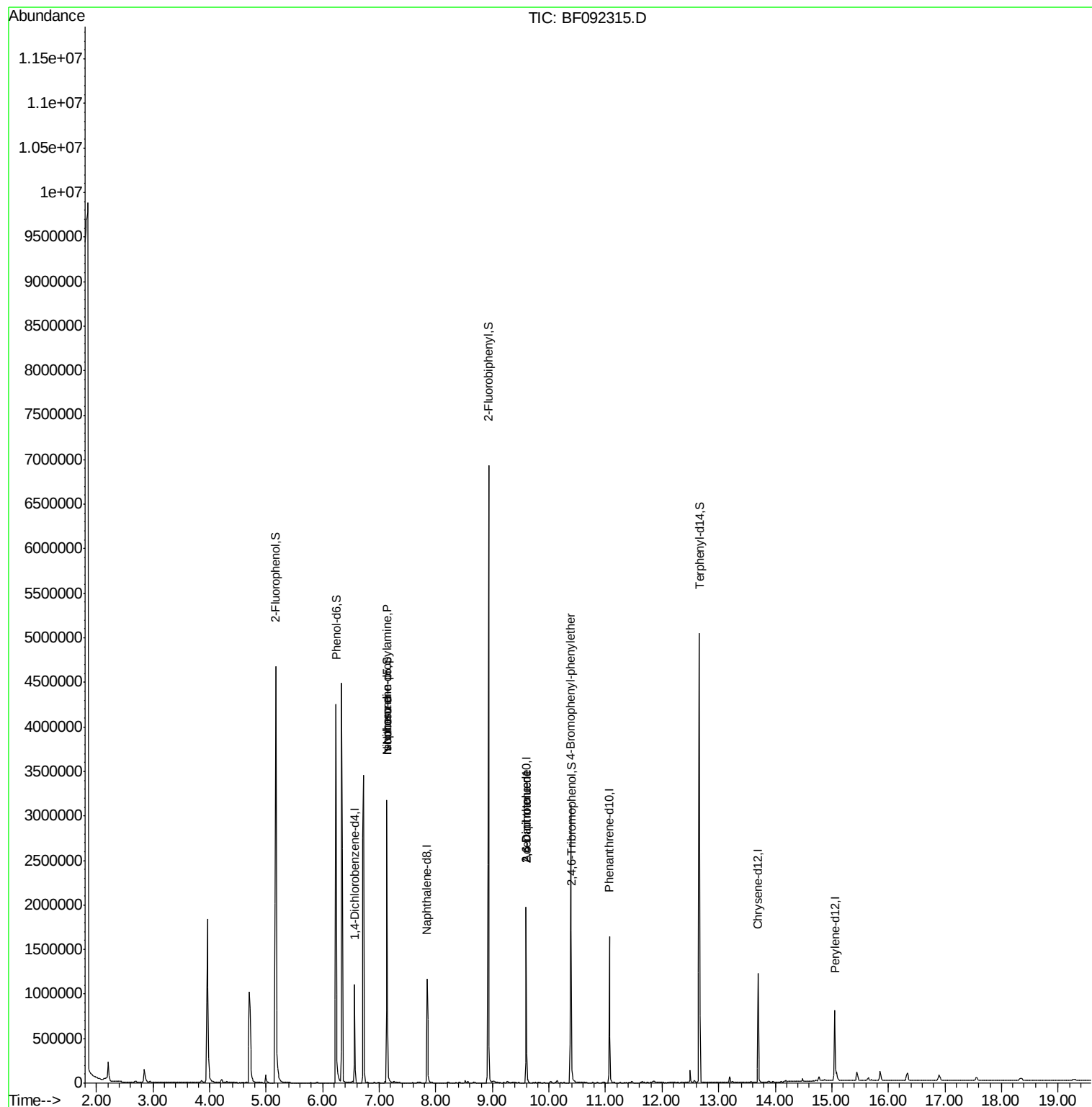
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	171501	20.00	ng	-0.08
21) Naphthalene-d8	7.84	136	688800	20.00	ng	-0.09
38) Acenaphthene-d10	9.59	164	418813	20.00	ng	-0.09
63) Phenanthrene-d10	11.07	188	636081	20.00	ng	-0.09
75) Chrysene-d12	13.70	240	426997	20.00	ng	-0.09
86) Perylene-d12	15.06	264	417959	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	1641853	159.85	ng	-0.07
7) Phenol-d6	6.23	99	1667409	132.97	ng	-0.08
23) Nitrobenzene-d5	7.14	82	1189219	96.00	ng	-0.08
41) 2,4,6-Tribromophenol	10.39	330	521835	150.56	ng	-0.08
44) 2-Fluorobiphenyl	8.93	172	2265146	115.43	ng	-0.08
78) Terphenyl-d14	12.66	244	1586968	90.14	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.14	70	156469	18.76	ng	# 77
25) Isophorone	7.14	82	1182677	51.75	ng	# 65
37) 2-Methylnaphthalene	8.56	142	6105	Below Cal		96
50) 2,6-Dinitrotoluene	9.59	165	53897	9.19	ng	# 30
56) 2,4-Dinitrotoluene	9.59	165	53900	7.32	ng	# 19
66) 4-Bromophenyl-phenylether	10.38	248	29847	4.51	ng	# 1
71) Anthracene	11.09	178	7700	Below Cal		96
73) Di-n-butylphthalate	11.65	149	7728	Below Cal	#	96
74) Fluoranthene	12.28	202	2133	Below Cal		97
76) Benzidine	12.66	184	21762	Below Cal	#	97

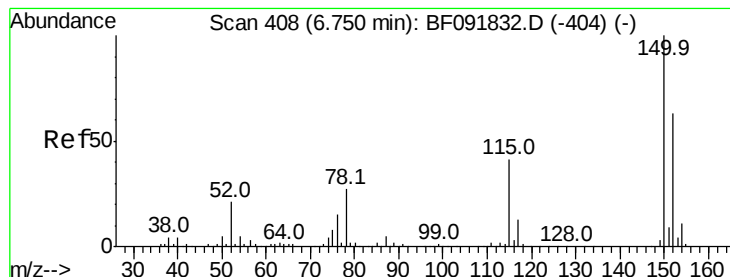
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092315.D

Acq: 17 Jan 2017 7:29

Instrument :

BNA_F

ClientSampleId :

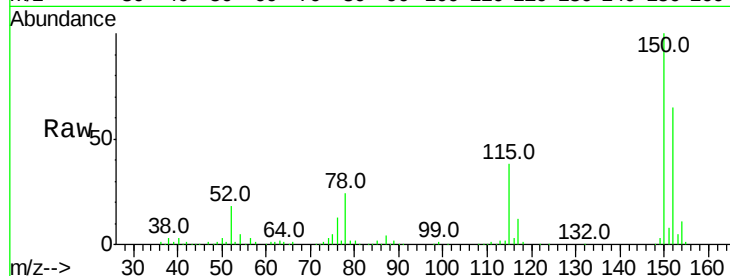
Tot Ion:152 Resp: 171501

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

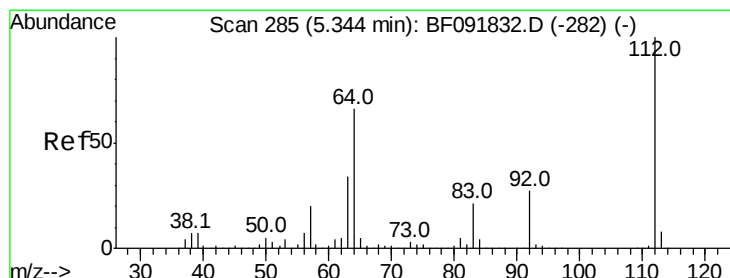
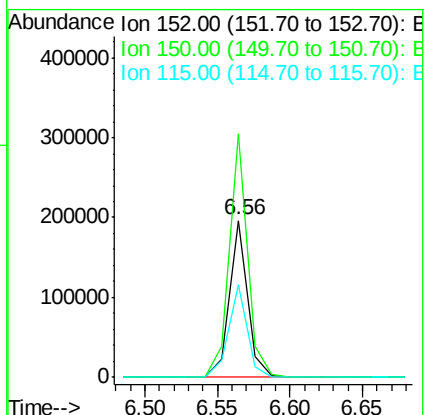
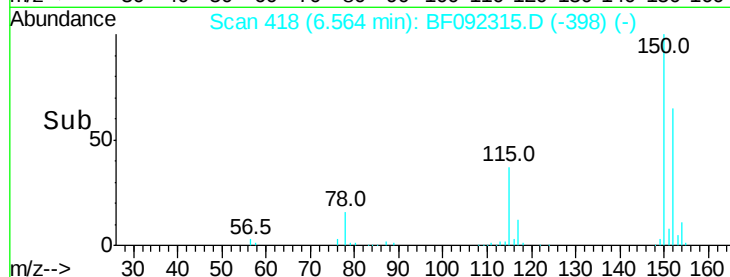
115 58.5 46.0 69.0



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: 159.85 ng

RT: 5.17 min Scan# 296

Delta R.T. -0.07 min

Lab File: BF092315.D

Acq: 17 Jan 2017 7:29

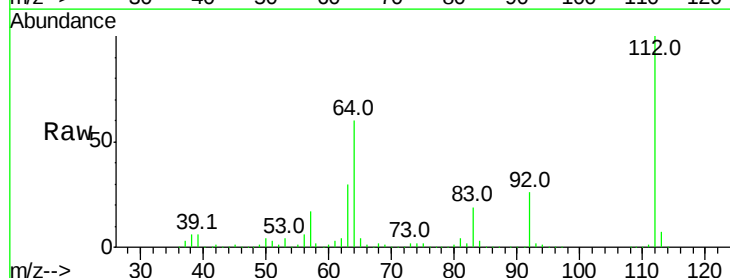
Tgt Ion:112 Resp: 1641853

Ion Ratio Lower Upper

112 100

64 59.6 46.1 69.1

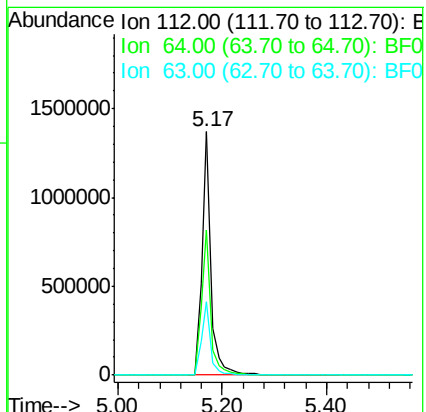
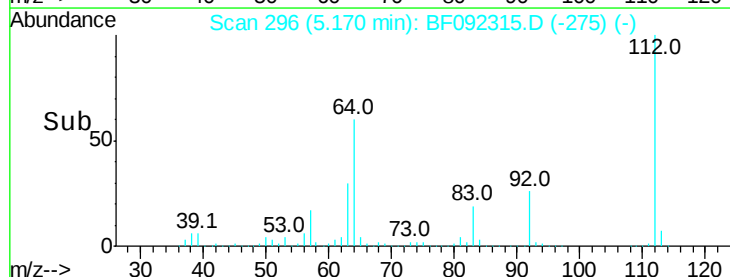
63 30.2 23.8 35.6



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: 132.97 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.08 min

Lab File: BF092315.D

Acq: 17 Jan 2017 7:29

Instrument :

BNA_F

ClientSampleId :

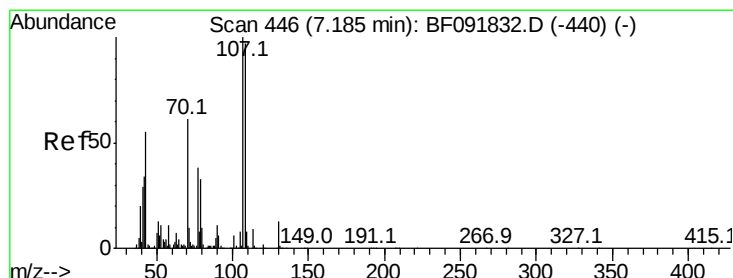
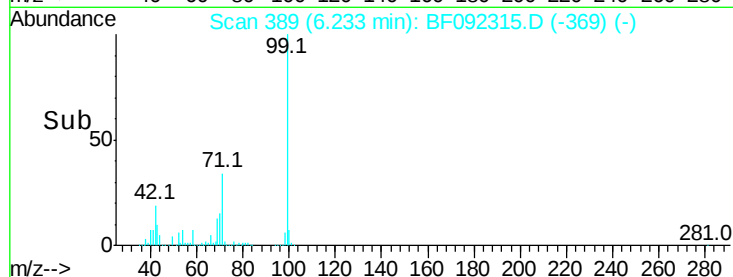
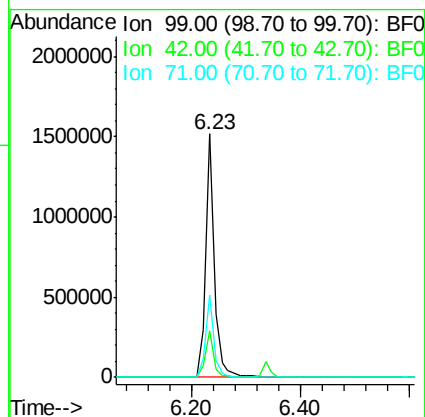
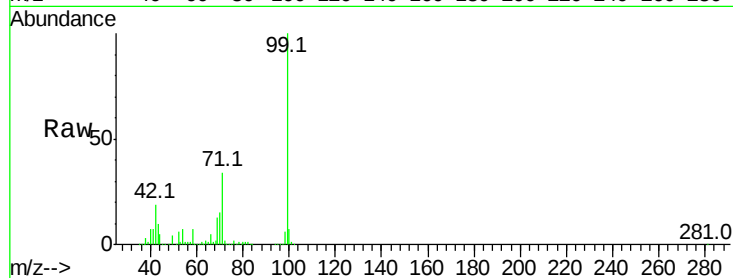
Tot Ion: 99 Resp: 1667409

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

71 33.7 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.76 ng

RT: 7.14 min Scan# 468

Delta R.T. 0.06 min

Lab File: BF092315.D

Acq: 17 Jan 2017 7:29

Tgt Ion: 70 Resp: 156469

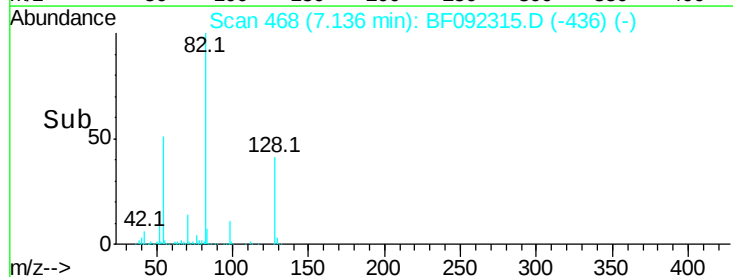
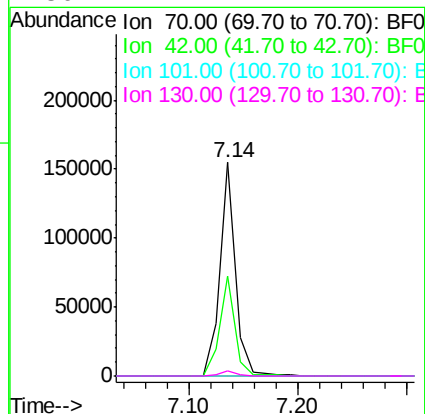
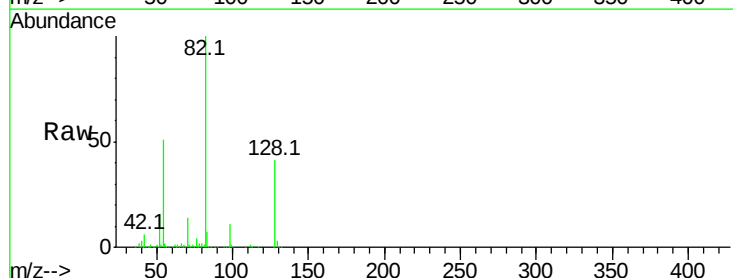
Ion Ratio Lower Upper

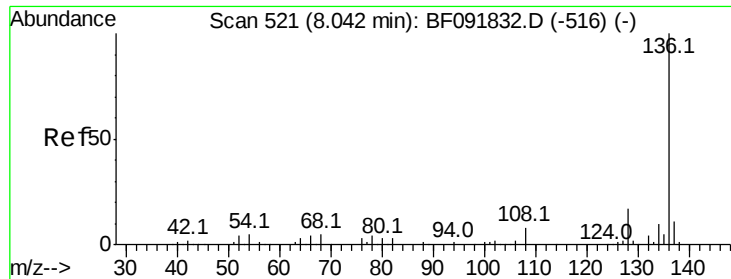
70 100

42 46.9 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

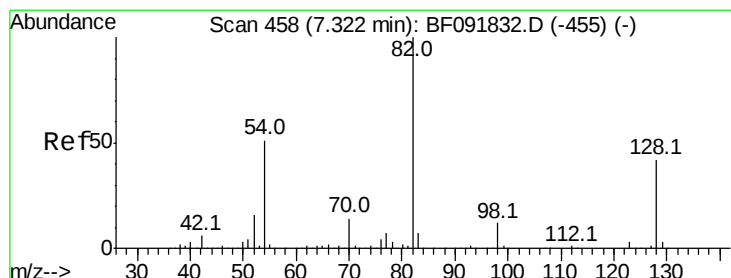
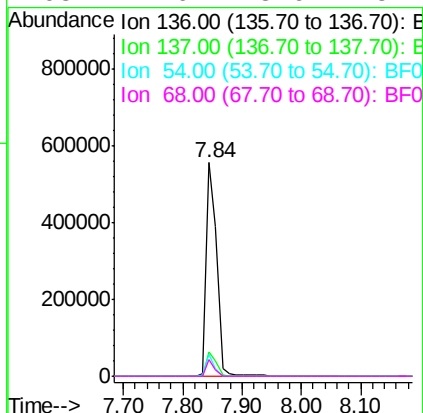
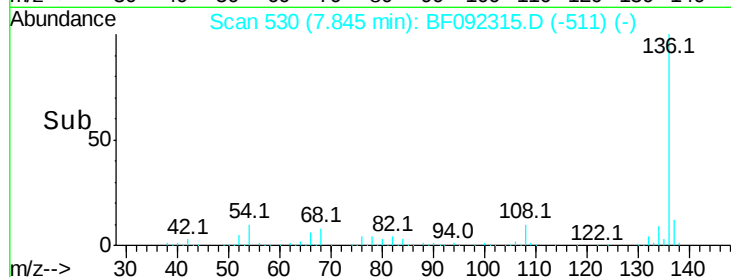
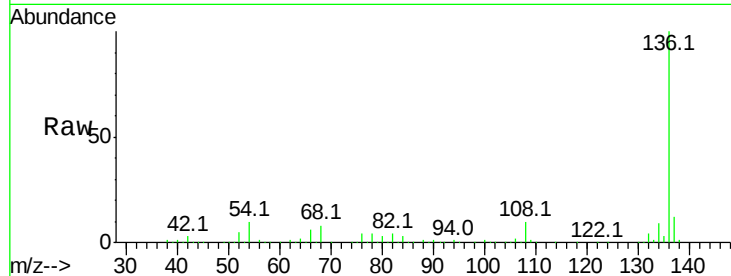




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092315.D
Acq: 17 Jan 2017 7:29

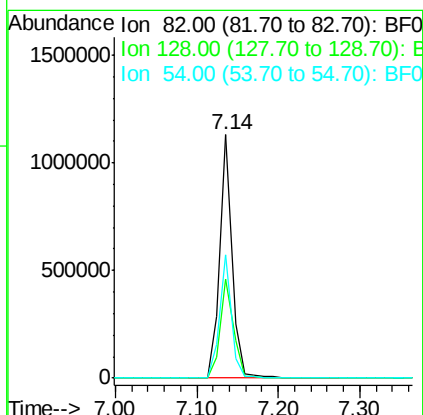
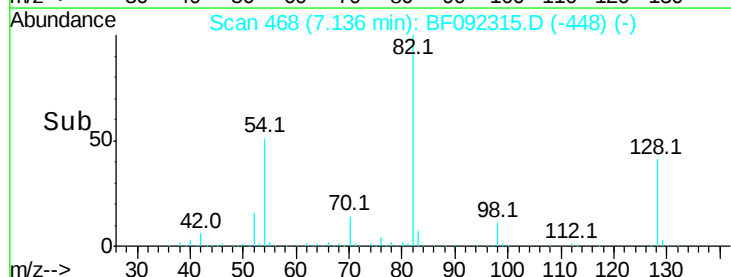
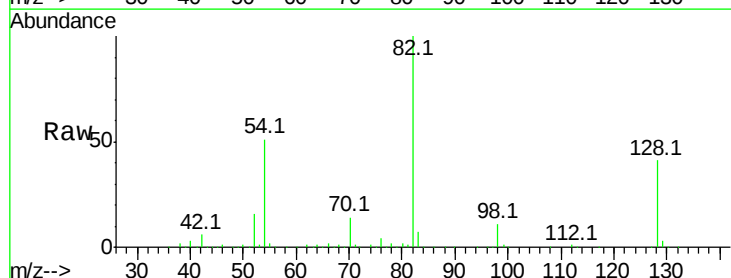
Instrument :
BNA_F
ClientSampleId :

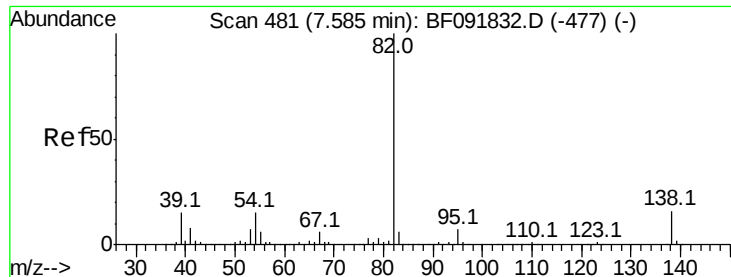
Tot Ion:136	Resp: 688800
Ion Ratio	Lower Upper
136 100	
137 11.5	8.4 12.6
54 10.0	4.5 6.7#
68 7.6	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 96.00 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.08 min
Lab File: BF092315.D
Acq: 17 Jan 2017 7:29

Tgt Ion: 82	Resp: 1189219
Ion Ratio	Lower Upper
82 100	
128 40.8	34.6 52.0
54 50.7	39.5 59.3





#25

Isophorone

Concen: 51.75 ng

RT: 7.14 min Scan# 468

Delta R.T. -0.34 min

Lab File: BF092315.D

Acq: 17 Jan 2017 7:29

Instrument :

BNA_F

ClientSampleId :

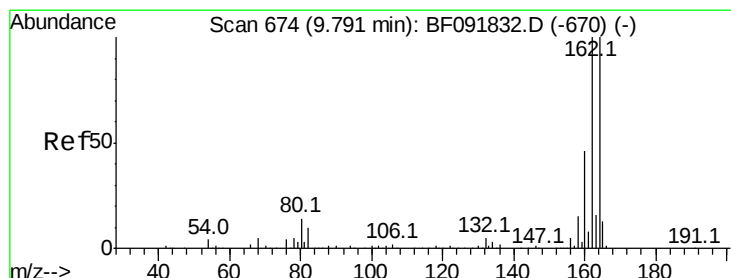
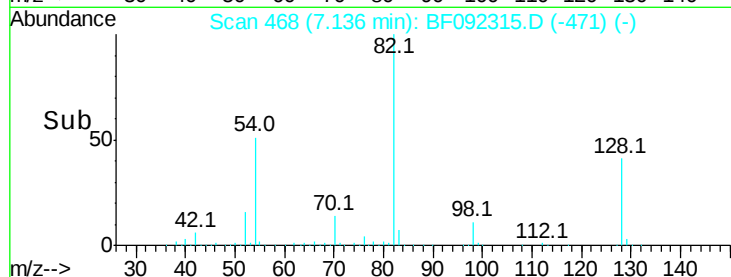
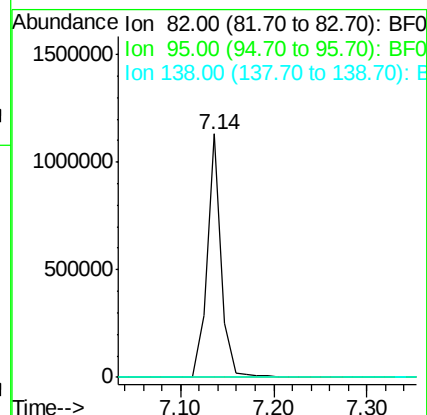
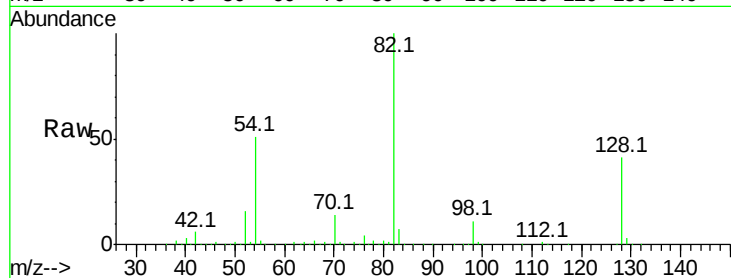
Tot Ion: 82 Resp: 1182677

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 683

Delta R.T. -0.09 min

Lab File: BF092315.D

Acq: 17 Jan 2017 7:29

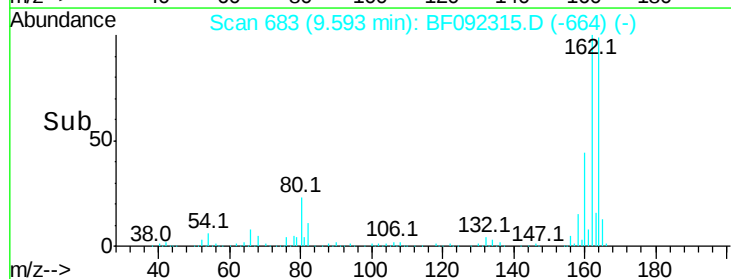
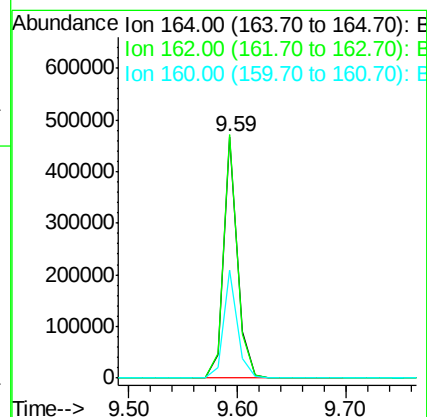
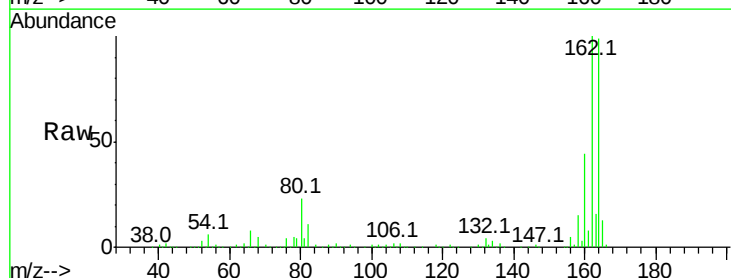
Tgt Ion:164 Resp: 418813

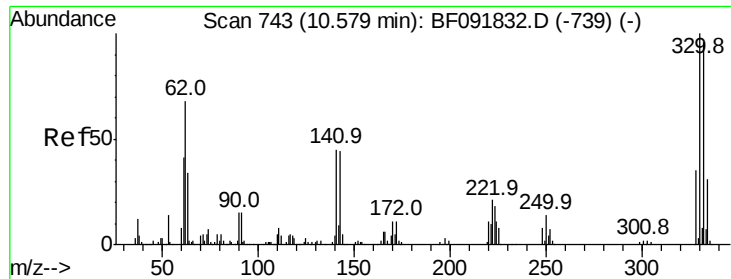
Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.2

160 44.6 36.9 55.3

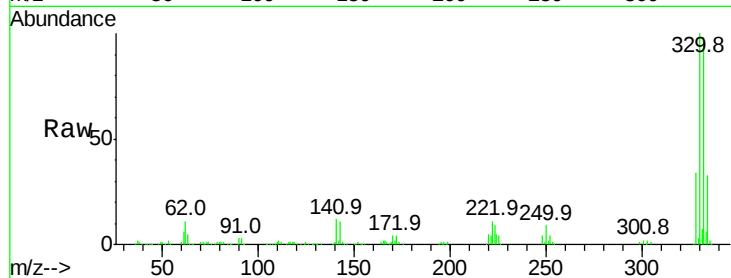




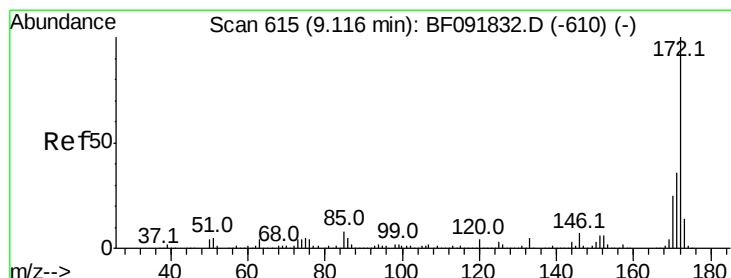
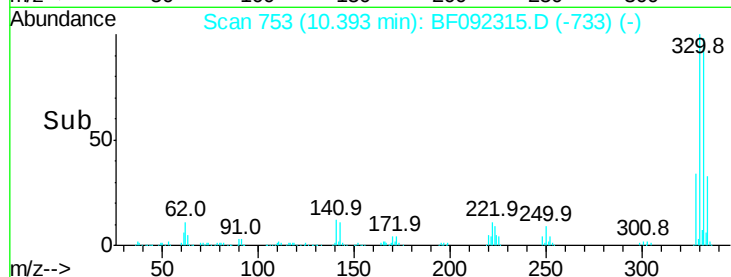
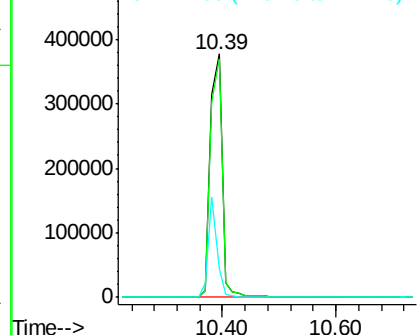
#41
 2,4,6-Tribromophenol
 Concen: 150.56 ng
 RT: 10.39 min Scan# 753
 Delta R.T. -0.08 min
 Lab File: BF092315.D
 Acq: 17 Jan 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	31.0	34.1	51.1#

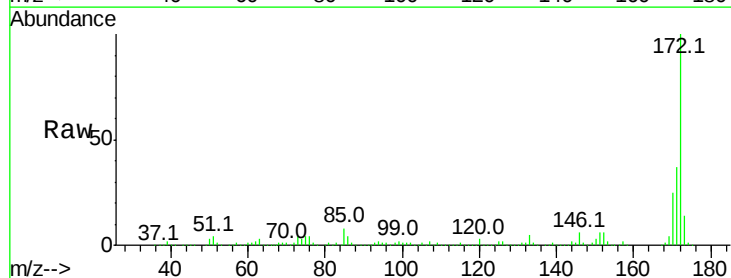


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

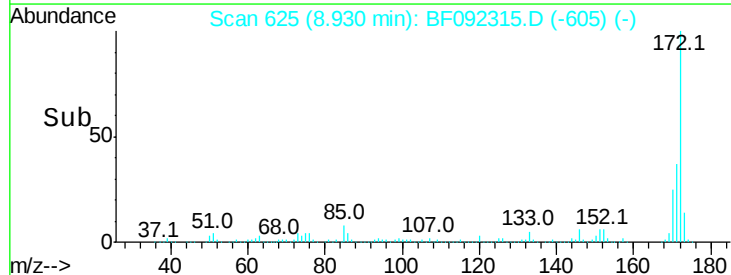
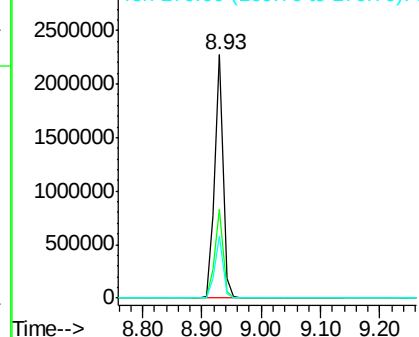


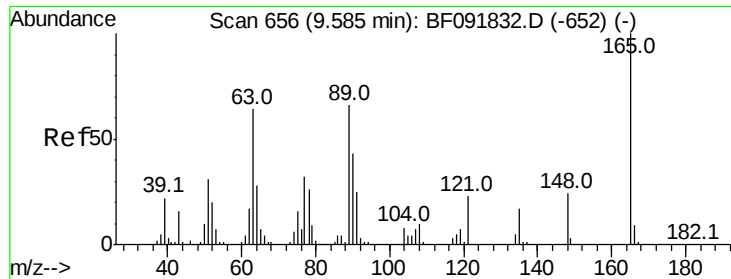
#44
 2-Fluorobiphenyl
 Concen: 115.43 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.08 min
 Lab File: BF092315.D
 Acq: 17 Jan 2017 7:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	25.3	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

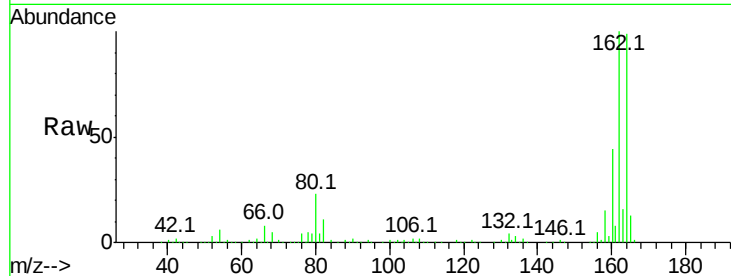




#50
2,6-Dinitrotoluene
Concen: 9.19 ng
RT: 9.59 min Scan# 683
Delta R.T. 0.12 min
Lab File: BF092315.D
Acq: 17 Jan 2017 7:29

Instrument :
BNA_F
ClientSampleId :

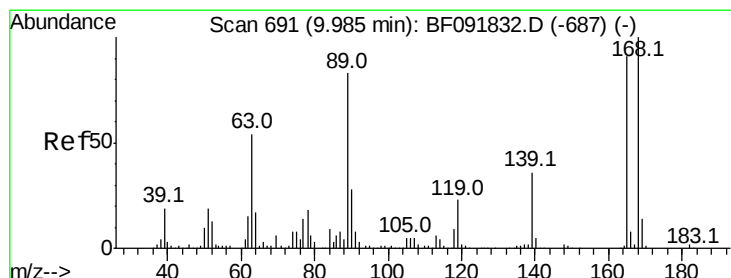
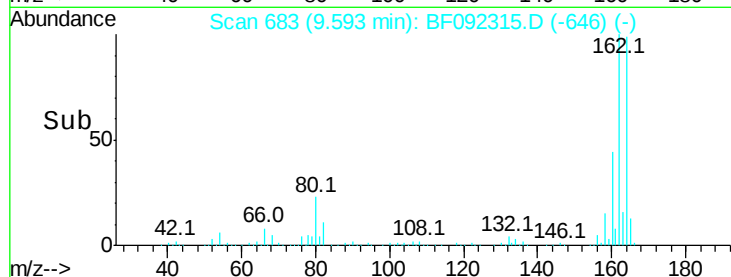
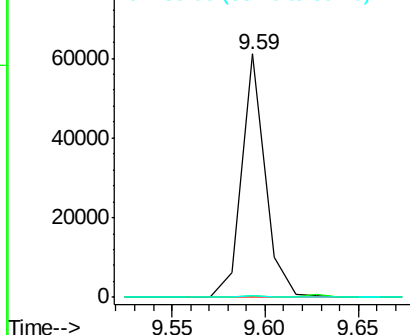
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.2	54.4#
89	0.8	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

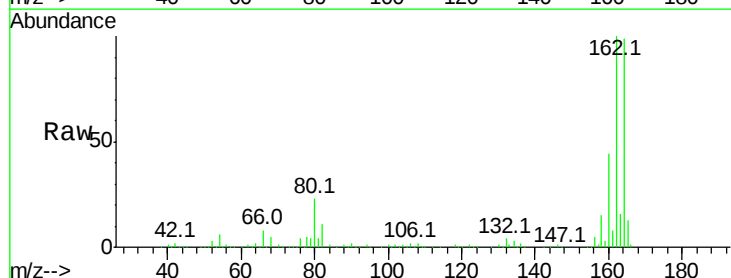
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
2,4-Dinitrotoluene
Concen: 7.32 ng
RT: 9.59 min Scan# 683
Delta R.T. -0.29 min
Lab File: BF092315.D
Acq: 17 Jan 2017 7:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	0.8	62.5	93.7#
182	0.0	1.8	2.8#

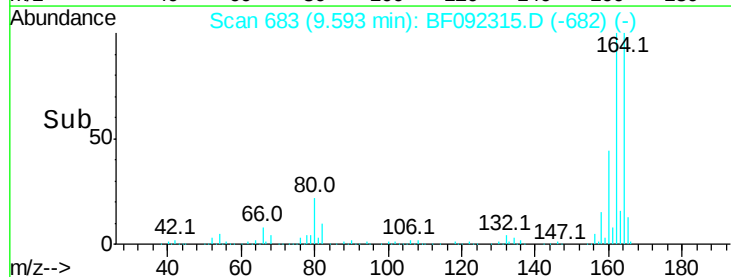
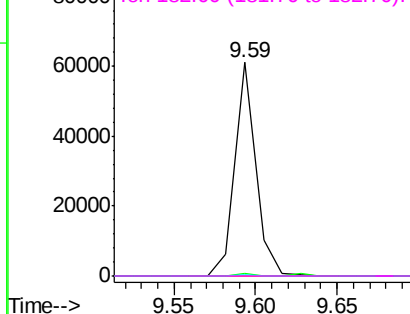


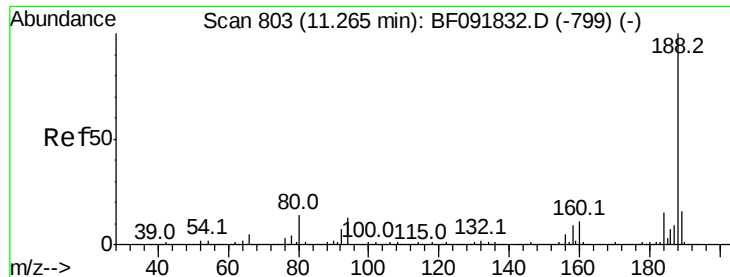
Abundance Ion 165.00 (164.70 to 165.70): E

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

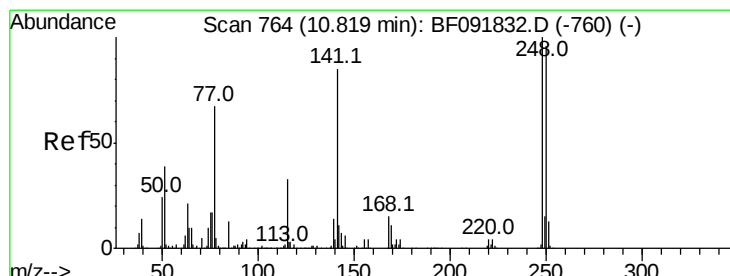
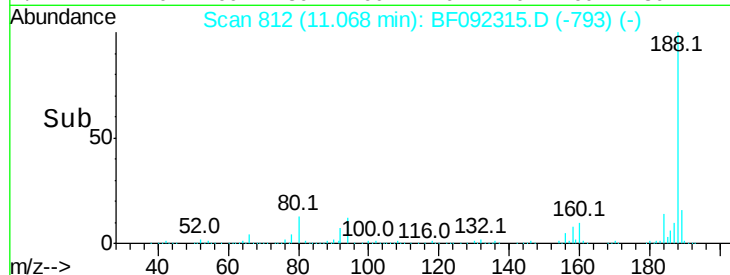
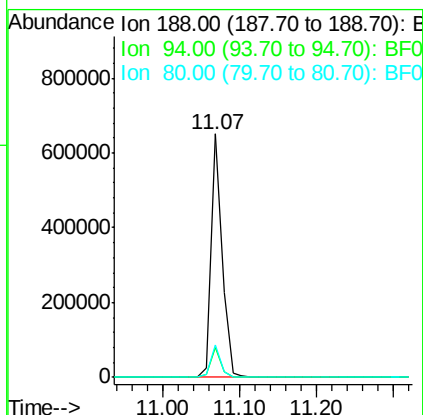
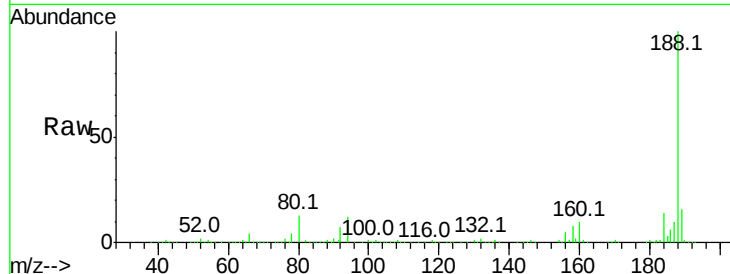




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. -0.09 min
 Lab File: BF092315.D
 Acq: 17 Jan 2017 7:29

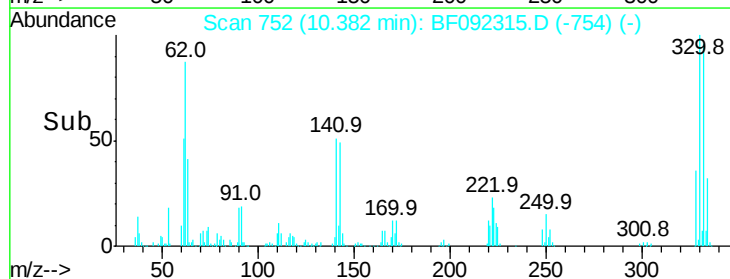
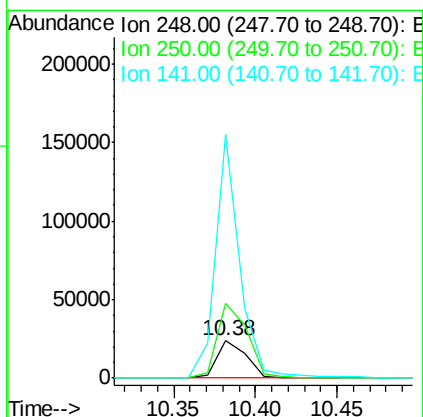
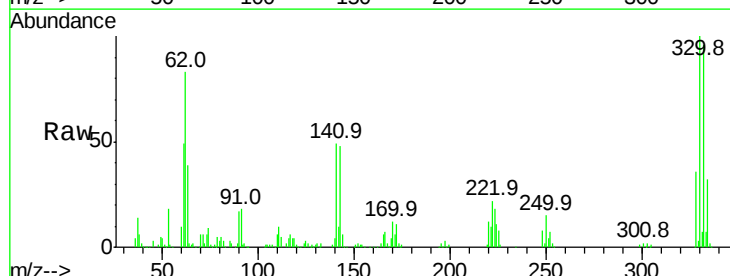
Instrument :
 BNA_F
 ClientSampleId :

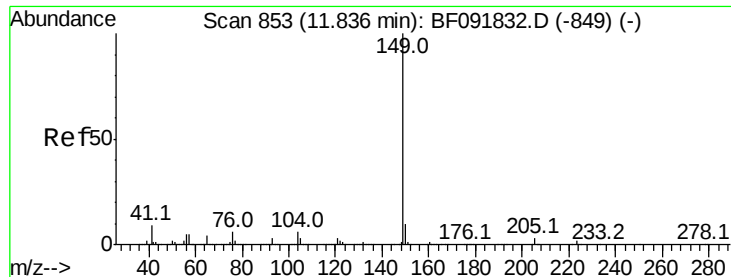
Tot Ion:188 Resp: 636081
 Ion Ratio Lower Upper
 188 100
 94 12.1 10.0 15.0
 80 13.3 11.2 16.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.51 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.33 min
 Lab File: BF092315.D
 Acq: 17 Jan 2017 7:29

Tgt Ion:248 Resp: 29847
 Ion Ratio Lower Upper
 248 100
 250 200.0 76.9 115.3#
 141 652.5 68.2 102.4#

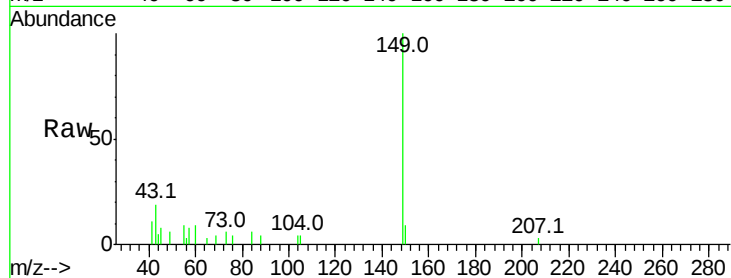




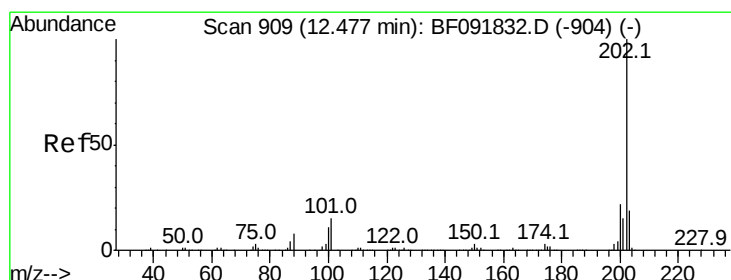
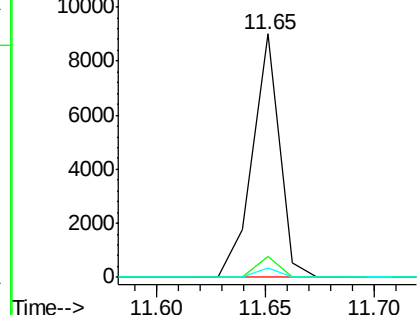
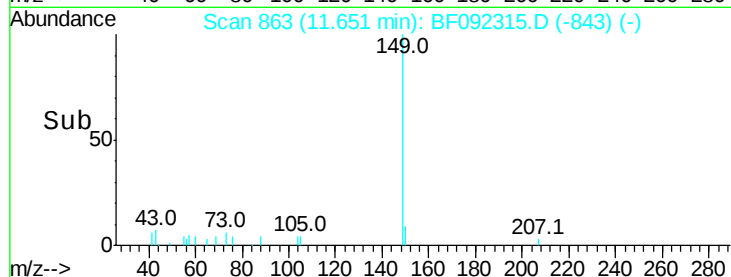
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.65 min Scan# 863
Delta R.T. -0.08 min
Lab File: BF092315.D
Acq: 17 Jan 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 7728
Ion Ratio Lower Upper
149 100
150 8.6 8.1 12.1
104 4.1 4.6 7.0#

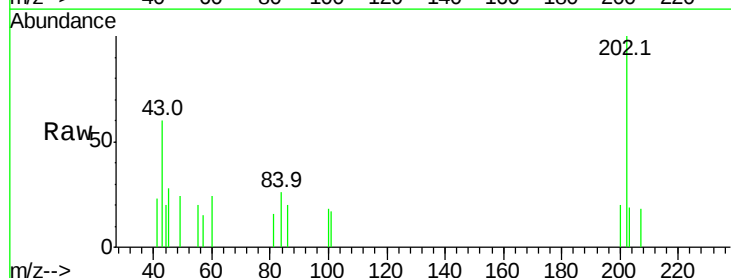


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

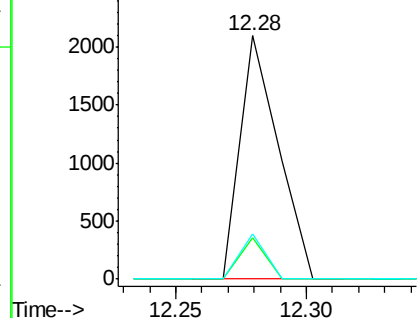
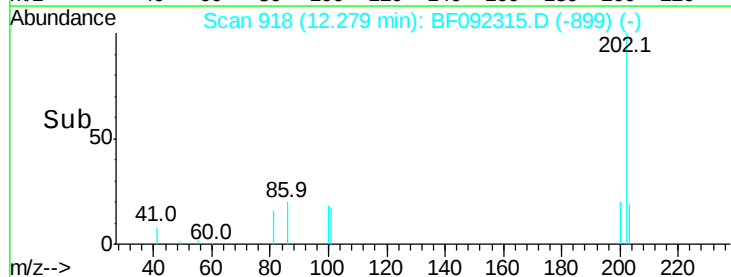


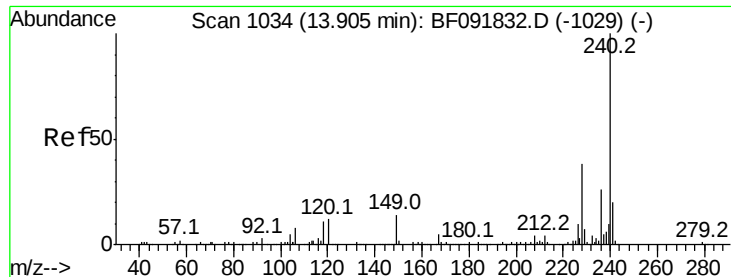
#74
Fluoranthene
Concen: Below Cal
RT: 12.28 min Scan# 918
Delta R.T. -0.09 min
Lab File: BF092315.D
Acq: 17 Jan 2017 7:29

Tgt Ion:202 Resp: 2133
Ion Ratio Lower Upper
202 100
101 17.1 0.0 34.6
203 18.6 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: BF092315.D

Acq: 17 Jan 2017 7:29

Instrument :

BNA_F

ClientSampleId :

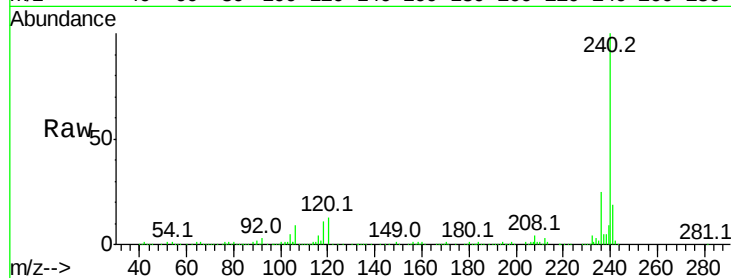
Tot Ion:240 Resp: 426997

Ion Ratio Lower Upper

240 100

120 13.1 12.9 19.3

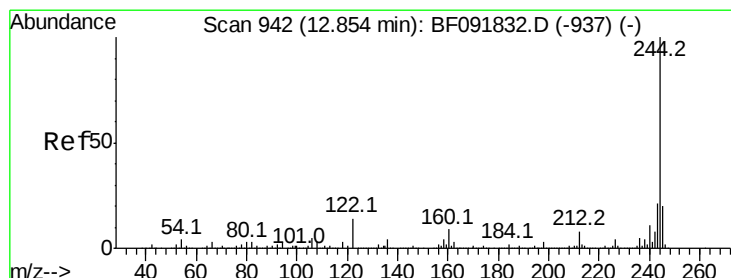
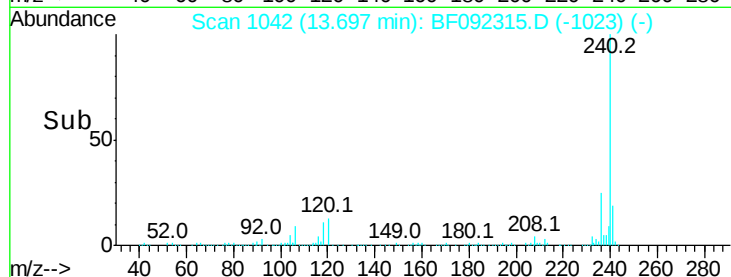
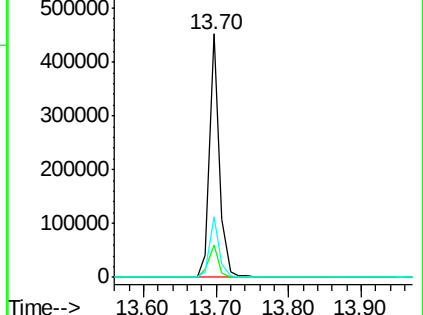
236 25.0 20.9 31.3



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: 90.14 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.09 min

Lab File: BF092315.D

Acq: 17 Jan 2017 7:29

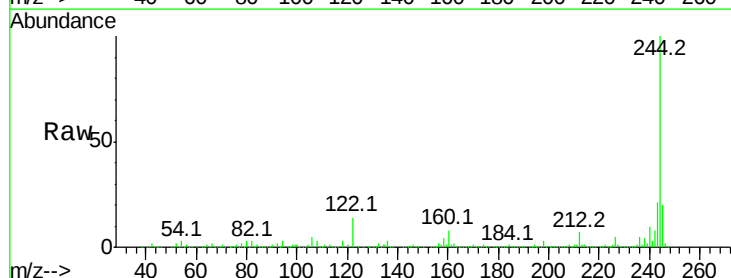
Tgt Ion:244 Resp: 1586968

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

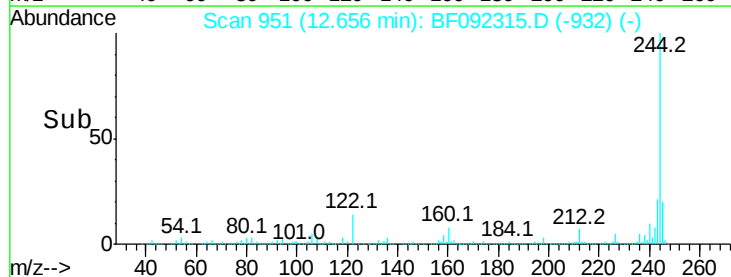
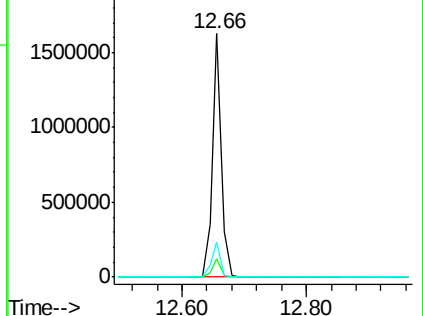
122 14.3 11.4 17.2

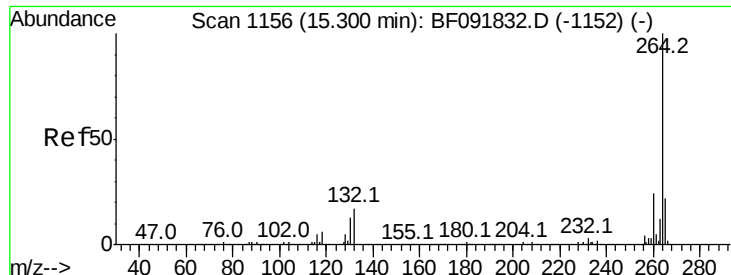


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

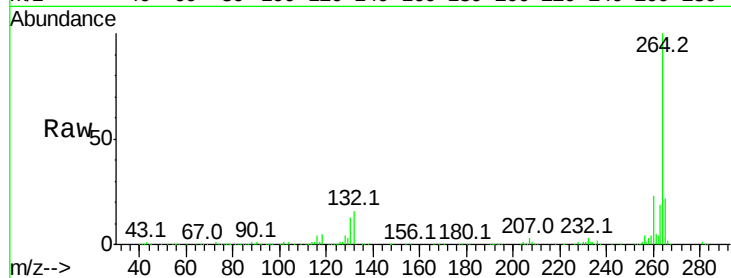




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1161
Delta R.T. -0.09 min
Lab File: BF092315.D
Acq: 17 Jan 2017 7:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.8	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

