

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122816\
 Data File : BF092007.D
 Acq On : 28 Dec 2016 21:10
 Operator : UM/SJ
 Sample : H6281-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 207TH-ST-FB-1-122216

Quant Time: Dec 29 00:41:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

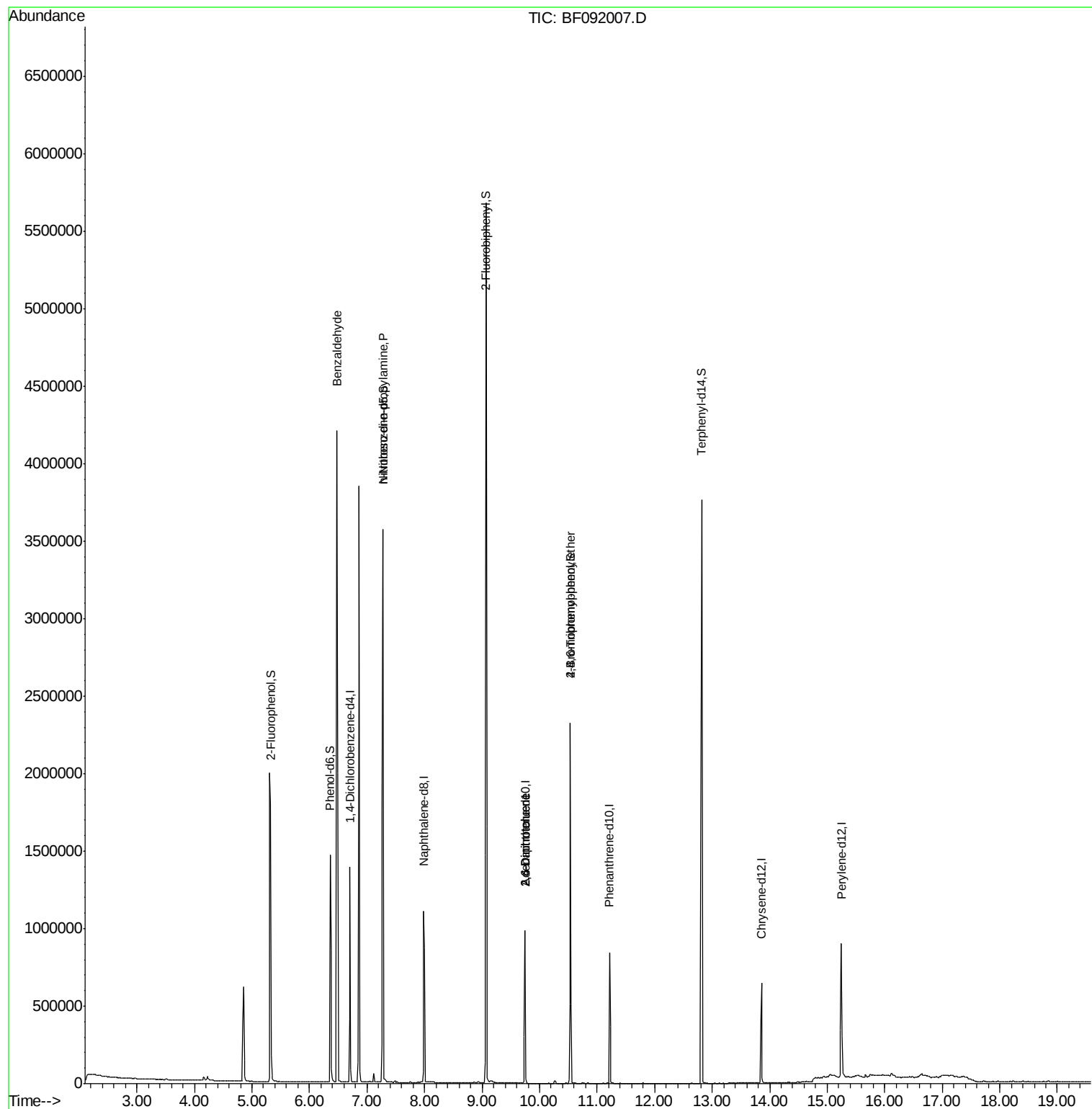
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	215682	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	724079	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	217174	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	347165	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	289061	20.00	ng	-0.01
86) Perylene-d12	15.24	264	385973	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	824182	63.81	ng	0.00
7) Phenol-d6	6.36	99	622907	39.50	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1389691	106.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	267307	148.73	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	2080578	216.20	ng	-0.01
78) Terphenyl-d14	12.82	244	1389194	116.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	30487	2.36	ng	# 68
19) n-Nitroso-di-n-propylamine	7.28	70	188268	17.94	ng	# 76
50) 2,6-Dinitrotoluene	9.74	165	28504	9.38	ng	# 29
56) 2,4-Dinitrotoluene	9.74	165	28504	7.47	ng	# 18
66) 4-Bromophenyl-phenylether	10.53	248	17211	4.77	ng	# 1
73) Di-n-butylphthalate	11.80	149	1734	Below Cal		# 76

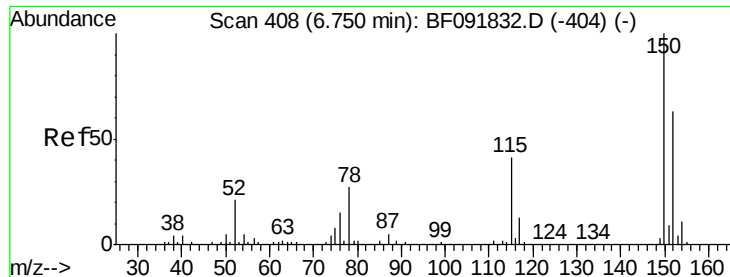
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 28 17:32:10 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092007.D

Acq: 28 Dec 2016 21:10

Instrument :

BNA_F

ClientSampleId :

207TH-ST-FB-1-122216

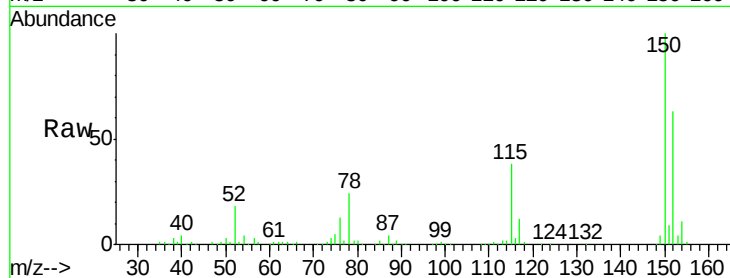
Tgt Ion:152 Resp: 215682

Ion Ratio Lower Upper

152 100

150 157.7 124.9 187.3

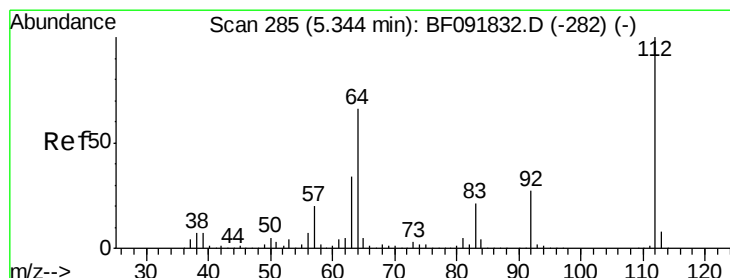
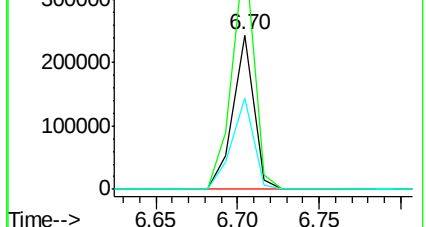
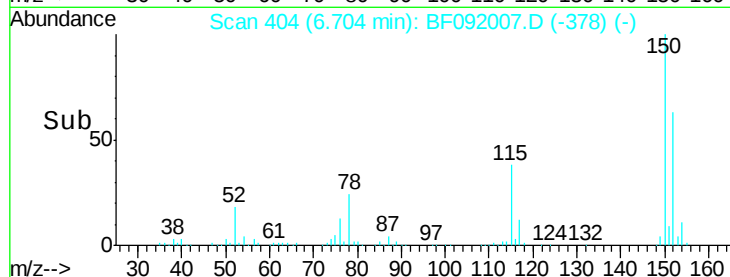
115 59.3 46.0 69.0



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: 63.81 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.00 min

Lab File: BF092007.D

Acq: 28 Dec 2016 21:10

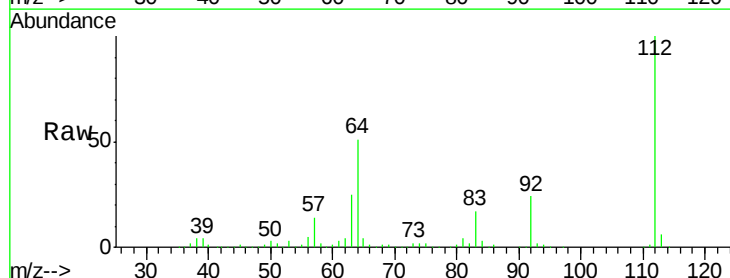
Tgt Ion:112 Resp: 824182

Ion Ratio Lower Upper

112 100

64 50.6 46.1 69.1

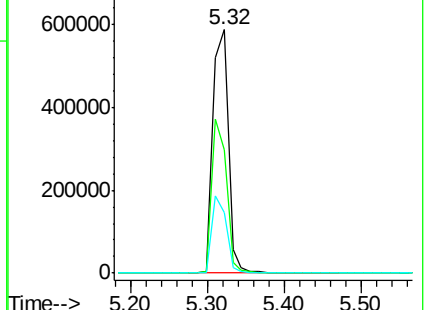
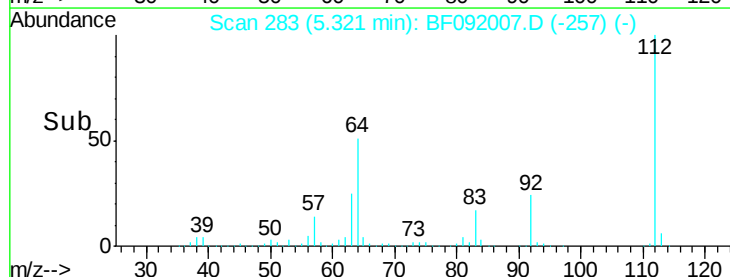
63 24.8 23.8 35.6



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: 39.50 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF092007.D

Acq: 28 Dec 2016 21:10

Instrument :

BNA_F

ClientSampleId :

207TH-ST-FB-1-122216

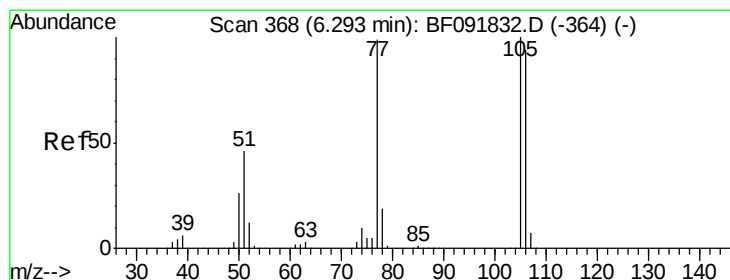
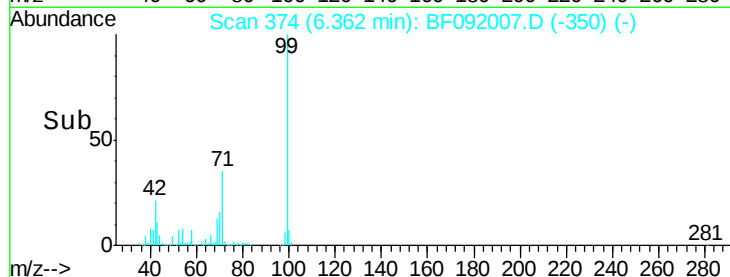
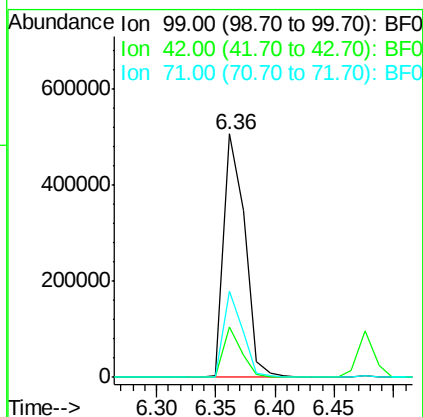
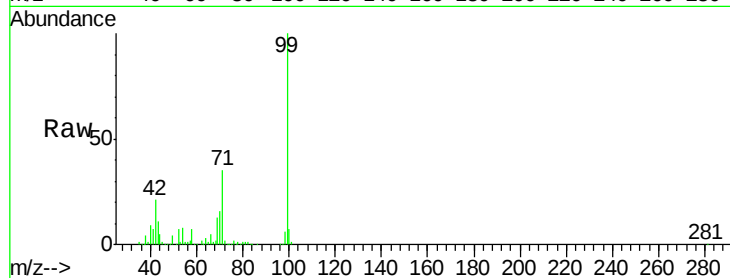
Tgt Ion: 99 Resp: 622907

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

71 35.3 27.5 41.3



#9

Benzaldehyde

Concen: 2.36 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.23 min

Lab File: BF092007.D

Acq: 28 Dec 2016 21:10

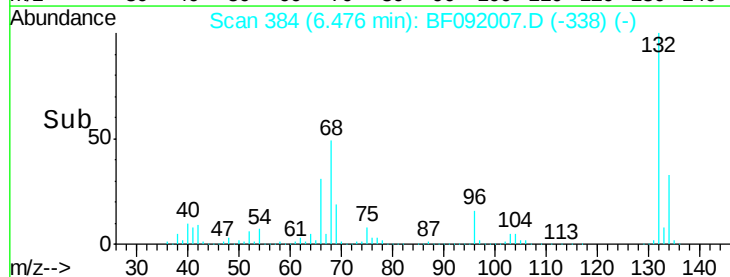
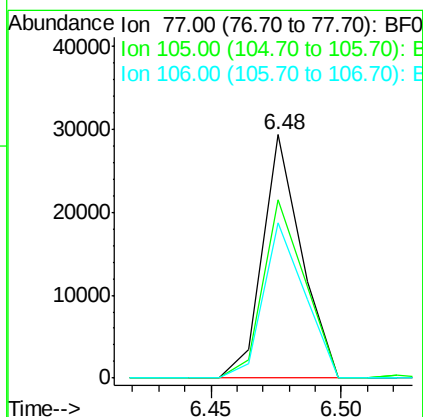
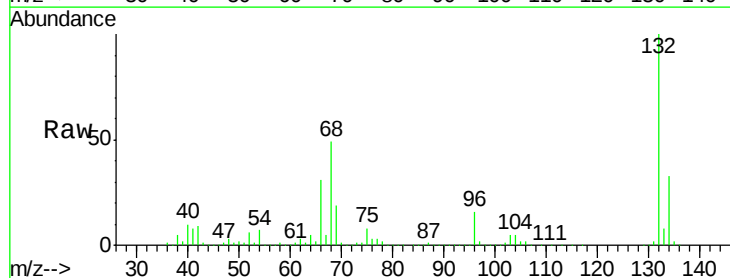
Tgt Ion: 77 Resp: 30487

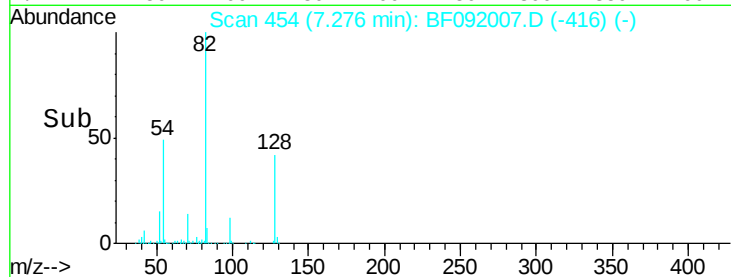
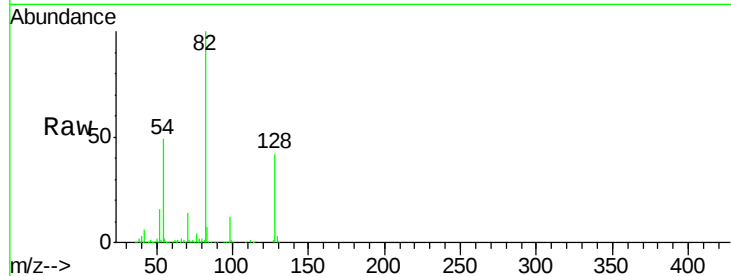
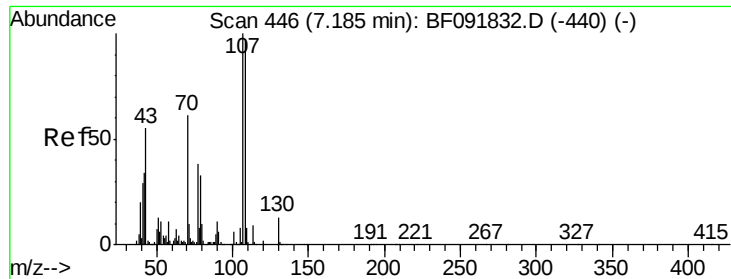
Ion Ratio Lower Upper

77 100

105 73.5 83.9 123.9#

106 63.7 77.6 117.6#

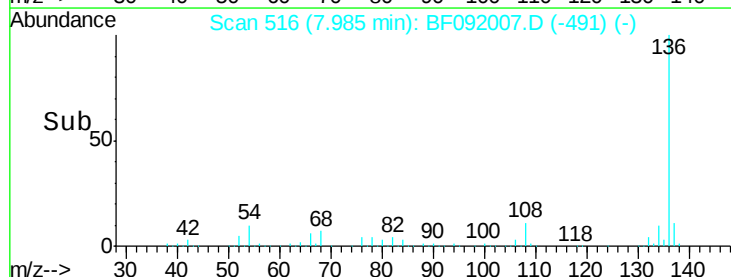
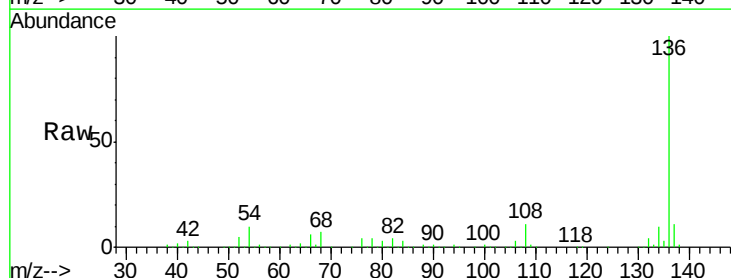
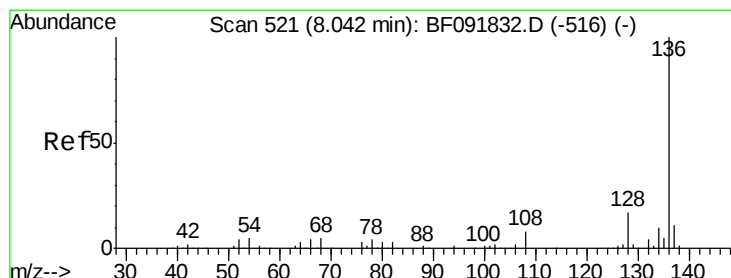
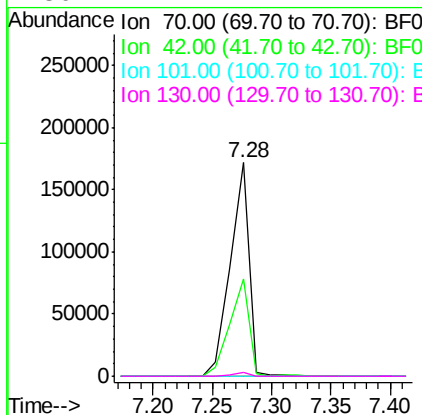




#19
n-Nitroso-di-n-propylamine
Concen: 17.94 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.14 min
Lab File: BF092007.D
Acq: 28 Dec 2016 21:10

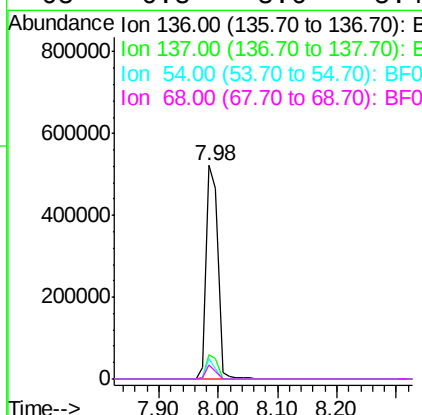
Instrument :
BNA_F
ClientSampleId :
207TH-ST-FB-1-122216

Tgt Ion:	70	Resp:	188268
Ion	Ratio	Lower	Upper
70	100		
42	45.5	49.4	74.0#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF092007.D
Acq: 28 Dec 2016 21:10

Tgt Ion:	136	Resp:	724079
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.8	4.5	6.7#
68	6.8	3.6	5.4#

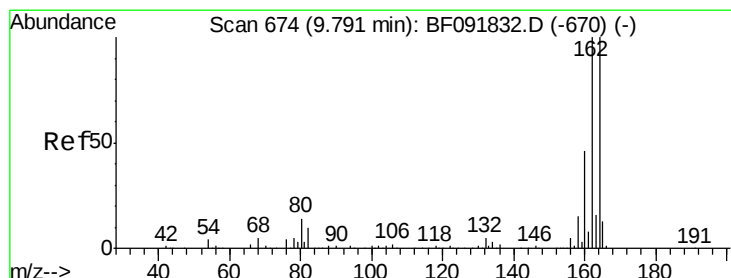
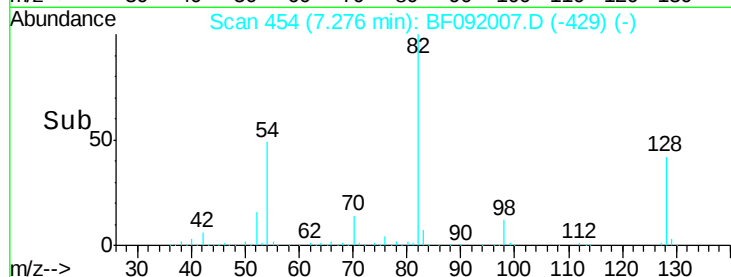
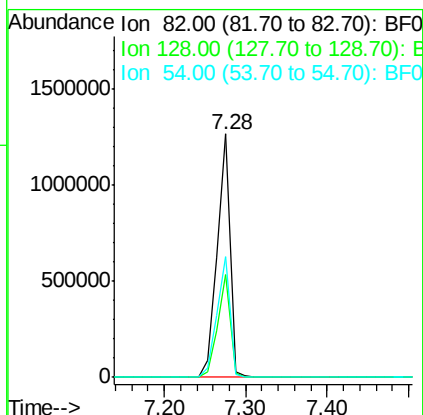
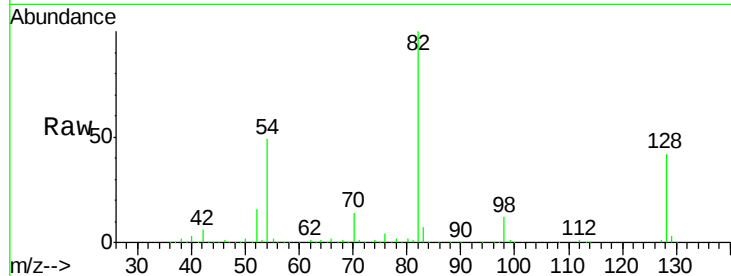




#23
 Nitrobenzene-d5
 Concen: 106.72 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF092007.D
 Acq: 28 Dec 2016 21:10

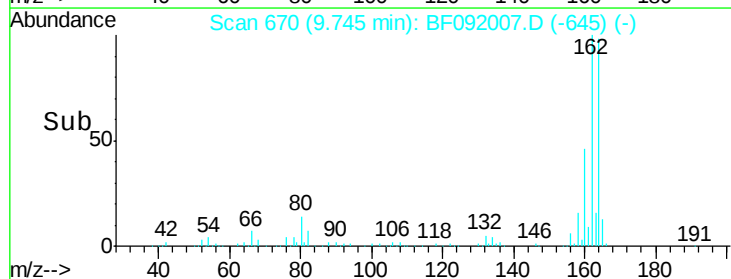
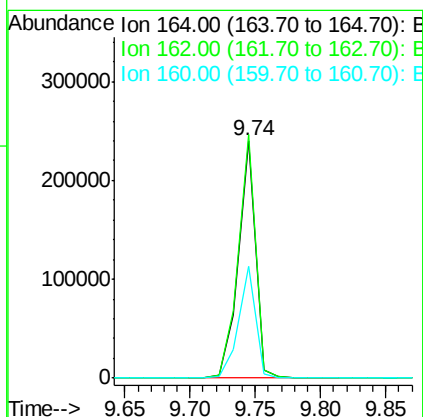
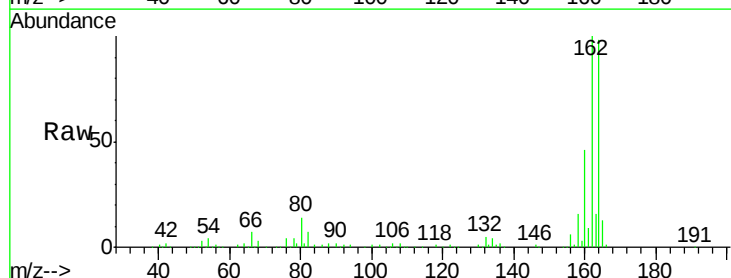
Instrument :
 BNA_F
 ClientSampleId :
 207TH-ST-FB-1-122216

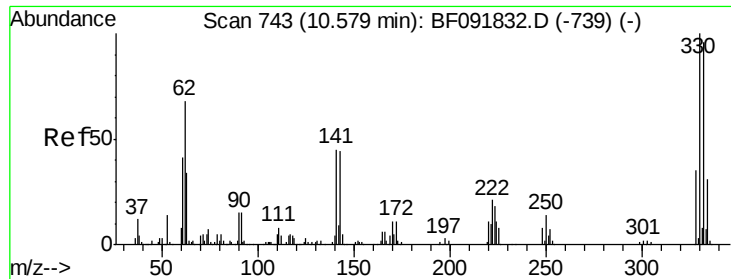
Tgt Ion: 82 Resp: 1389691
 Ion Ratio Lower Upper
 82 100
 128 42.0 34.6 52.0
 54 49.3 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF092007.D
 Acq: 28 Dec 2016 21:10

Tgt Ion: 164 Resp: 217174
 Ion Ratio Lower Upper
 164 100
 162 102.5 80.2 120.2
 160 47.2 36.9 55.3

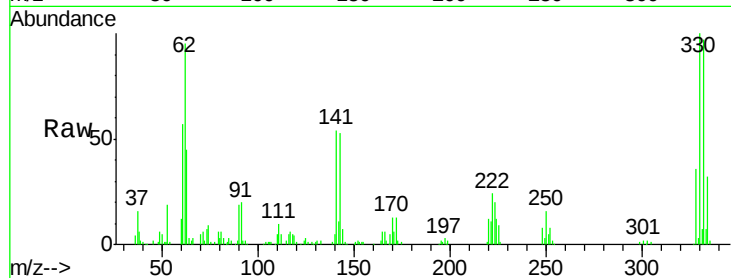




#41
 2,4,6-Tribromophenol
 Concen: 148.73 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF092007.D
 Acq: 28 Dec 2016 21:10

Instrument :
 BNA_F
 ClientSampleId :
 207TH-ST-FB-1-122216

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	40.7	34.1	51.1

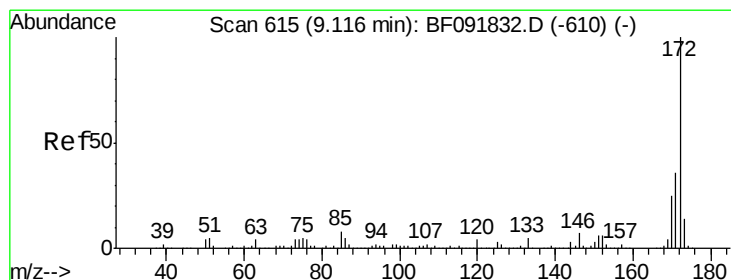
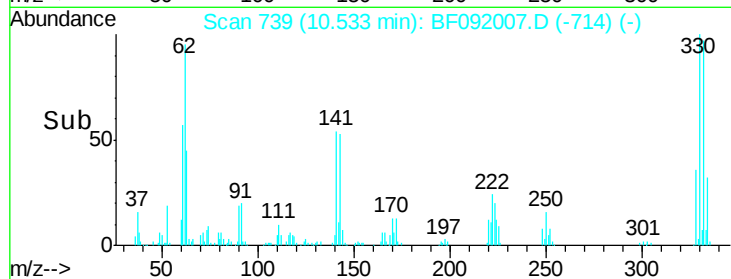
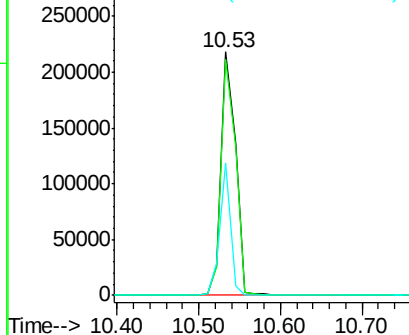


Abundance

Ion 329.80 (329.50 to 330.50): E

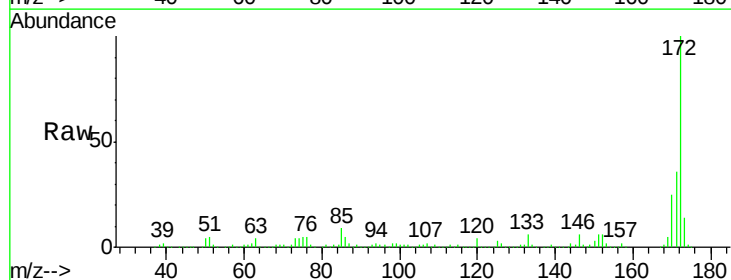
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 216.20 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF092007.D
 Acq: 28 Dec 2016 21:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.5	20.2	30.4

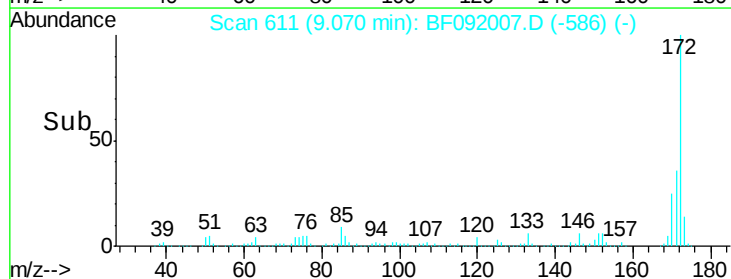
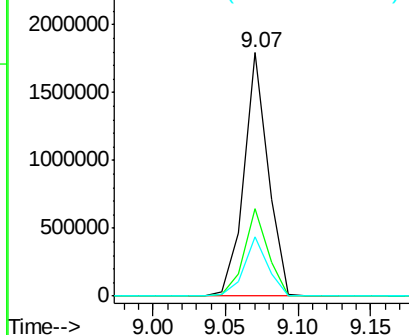


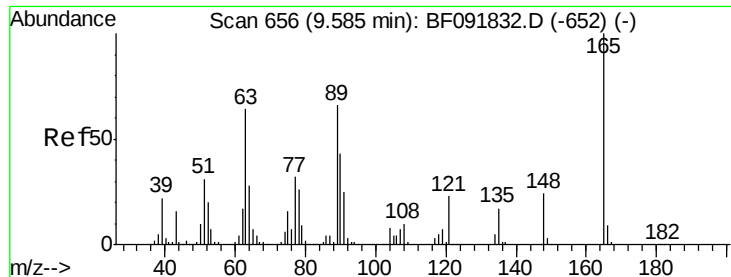
Abundance

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

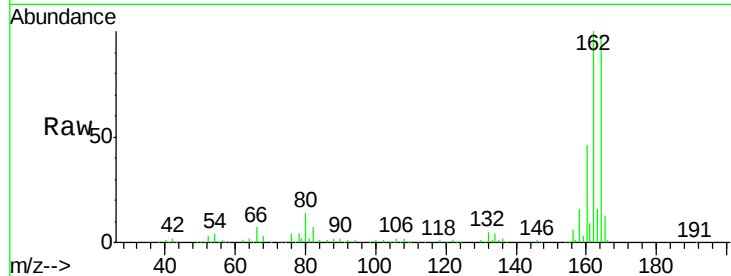




#50
 2,6-Dinitrotoluene
 Concen: 9.38 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.19 min
 Lab File: BF092007.D
 Acq: 28 Dec 2016 21:10

Instrument :
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 207TH-ST-FB-1-122216

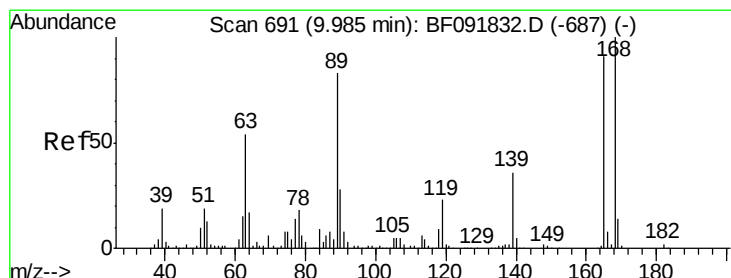
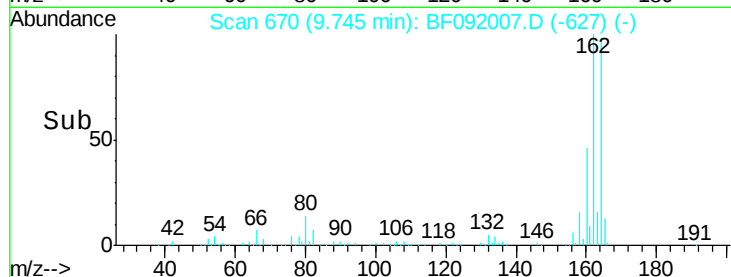
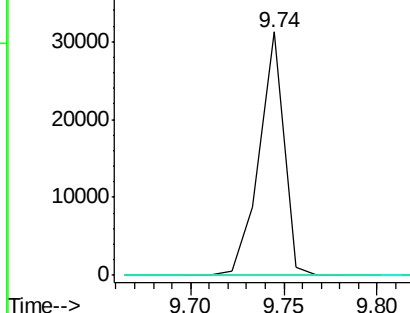
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	0.0	40.2	60.4#



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: 7.47 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.21 min
 Lab File: BF092007.D
 Acq: 28 Dec 2016 21:10

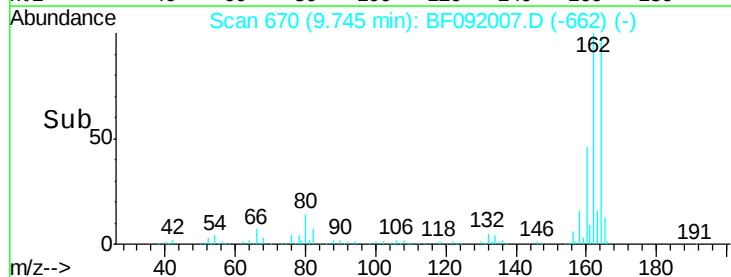
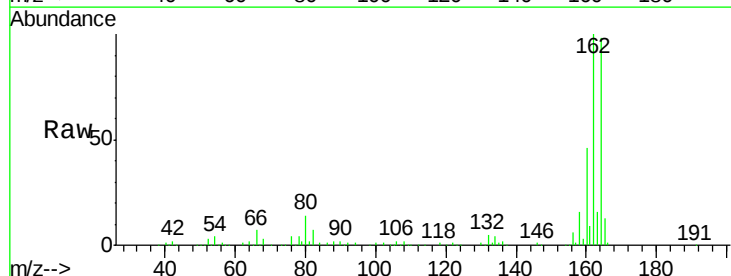
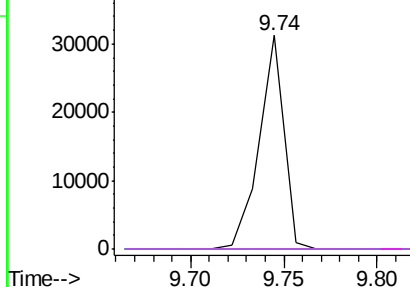
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	0.0	62.5	93.7#
182	0.0	1.8	2.8#

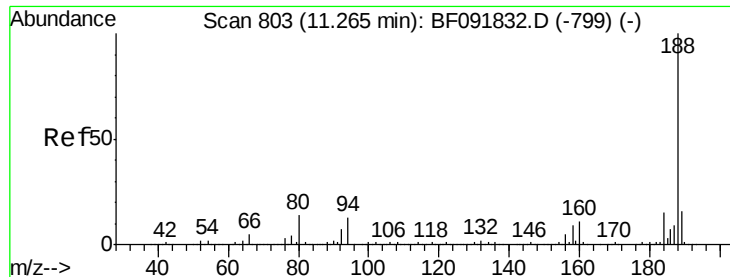
Abundance Ion 165.00 (164.70 to 165.70): E

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

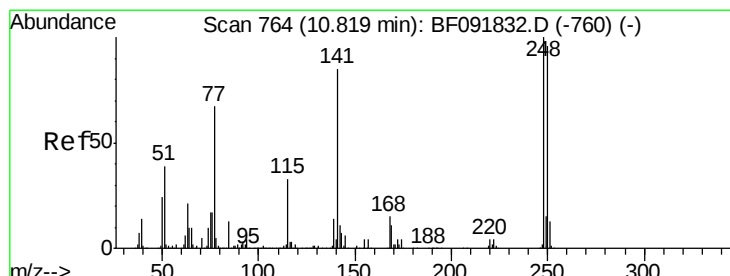
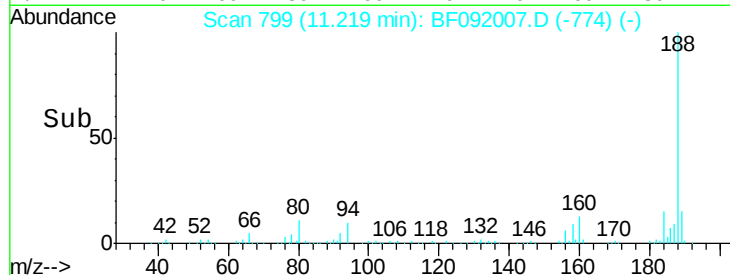
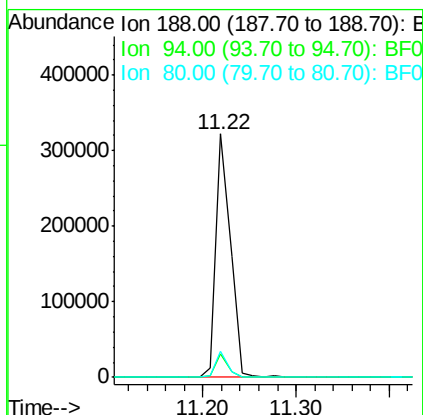
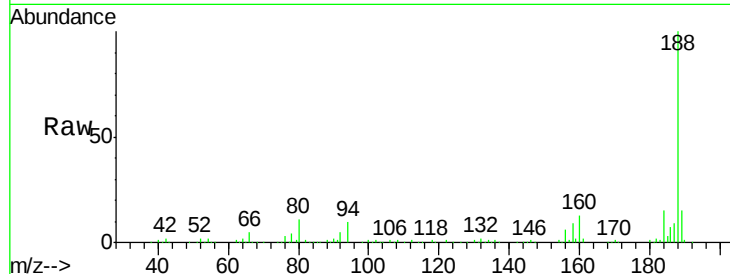




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF092007.D
 Acq: 28 Dec 2016 21:10

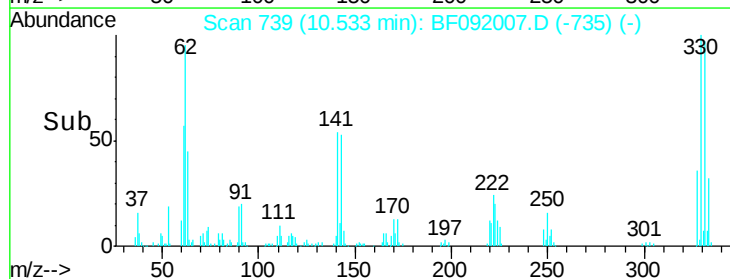
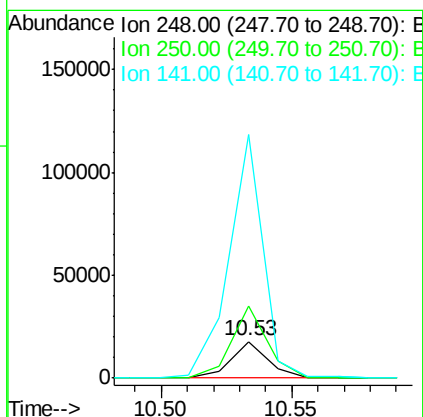
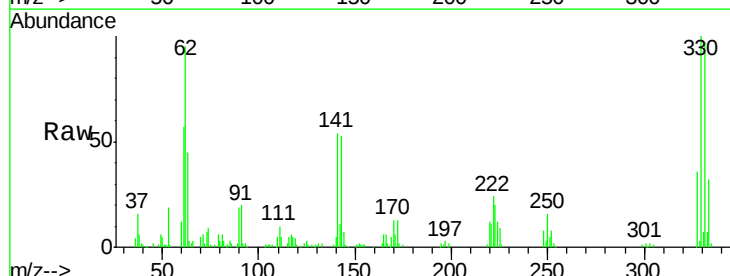
Instrument :
 BNA_F
 ClientSampleId :
 207TH-ST-FB-1-122216

Tgt Ion:188 Resp: 347165
 Ion Ratio Lower Upper
 188 100
 94 9.6 10.0 15.0#
 80 10.8 11.2 16.8#



#66
 4-Bromophenyl-phenylether
 Concen: 4.77 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.25 min
 Lab File: BF092007.D
 Acq: 28 Dec 2016 21:10

Tgt Ion:248 Resp: 17211
 Ion Ratio Lower Upper
 248 100
 250 198.9 76.9 115.3#
 141 671.9 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.80 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF092007.D

Acq: 28 Dec 2016 21:10

Instrument :

BNA_F

ClientSampleId :

207TH-ST-FB-1-122216

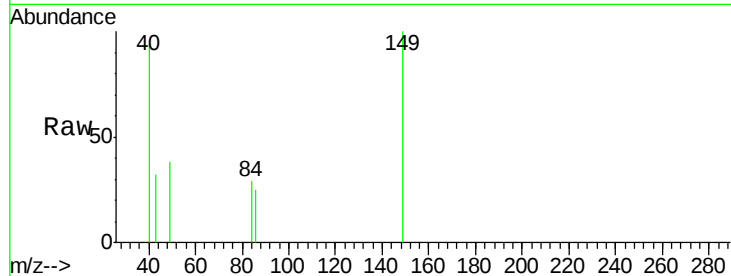
Tgt Ion:149 Resp: 1734

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

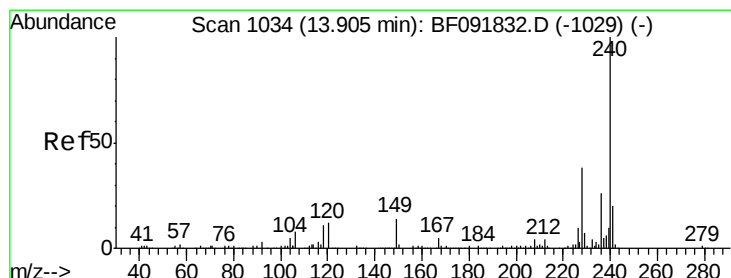
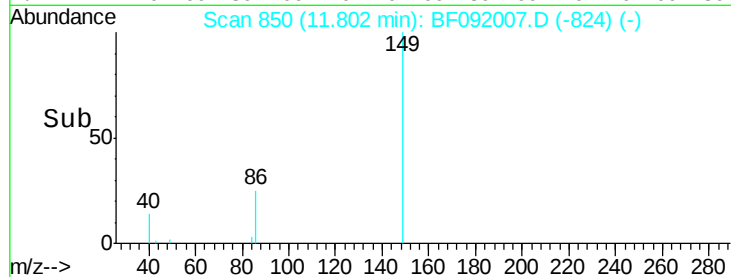
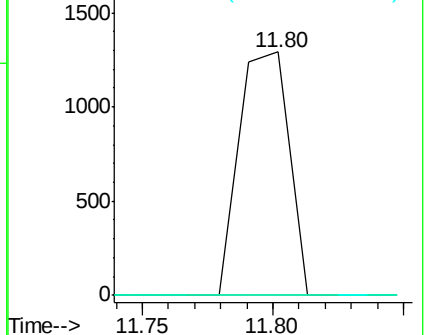
104 0.0 4.6 7.0#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF092007.D

Acq: 28 Dec 2016 21:10

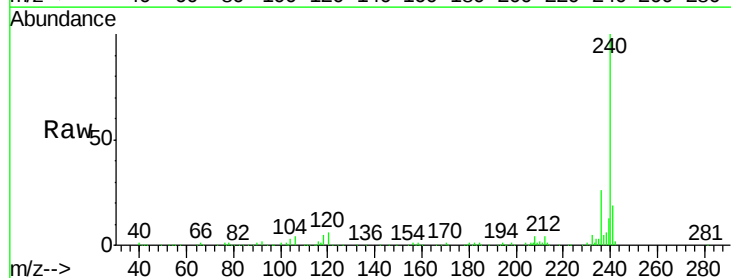
Tgt Ion:240 Resp: 289061

Ion Ratio Lower Upper

240 100

120 5.9 12.9 19.3#

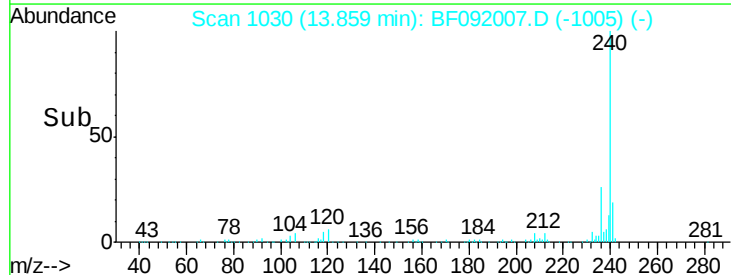
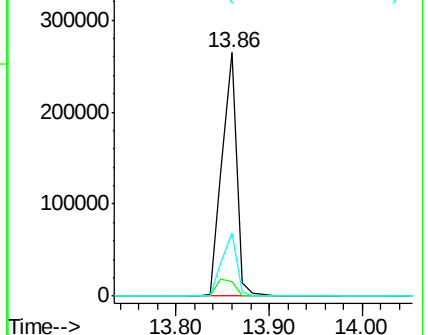
236 25.7 20.9 31.3

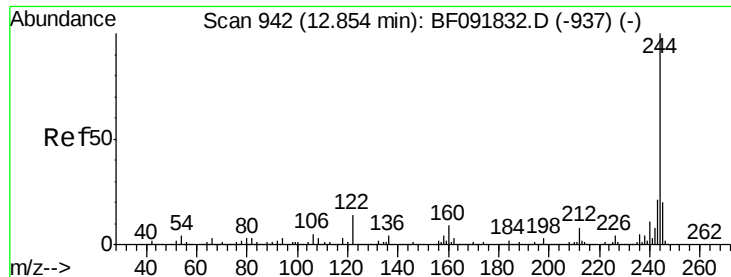


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

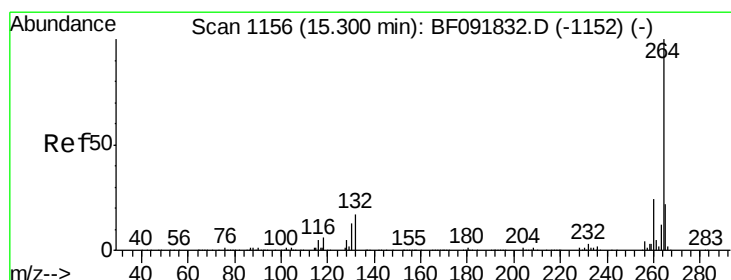
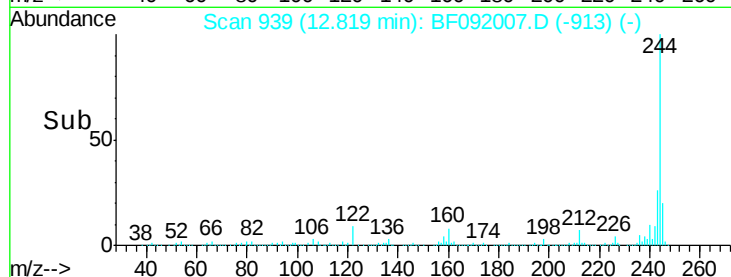
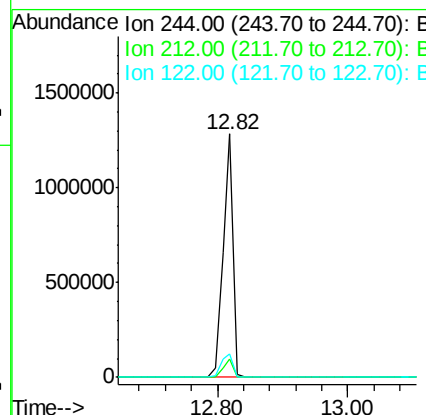
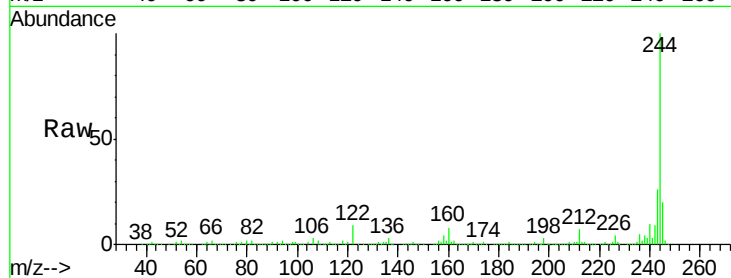




#78
 Terphenyl-d14
 Concen: 116.56 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF092007.D
 Acq: 28 Dec 2016 21:10

Instrument :
 BNA_F
 ClientSampleId :
 207TH-ST-FB-1-122216

Tgt Ion:244 Resp: 1389194
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.4 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF092007.D
 Acq: 28 Dec 2016 21:10

Tgt Ion:264 Resp: 385973
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.2 17.4 26.0

