

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
 Data File : BF092027.D
 Acq On : 29 Dec 2016 16:41
 Operator : UM/SJ
 Sample : H6281-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Dec 29 17:39:07 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

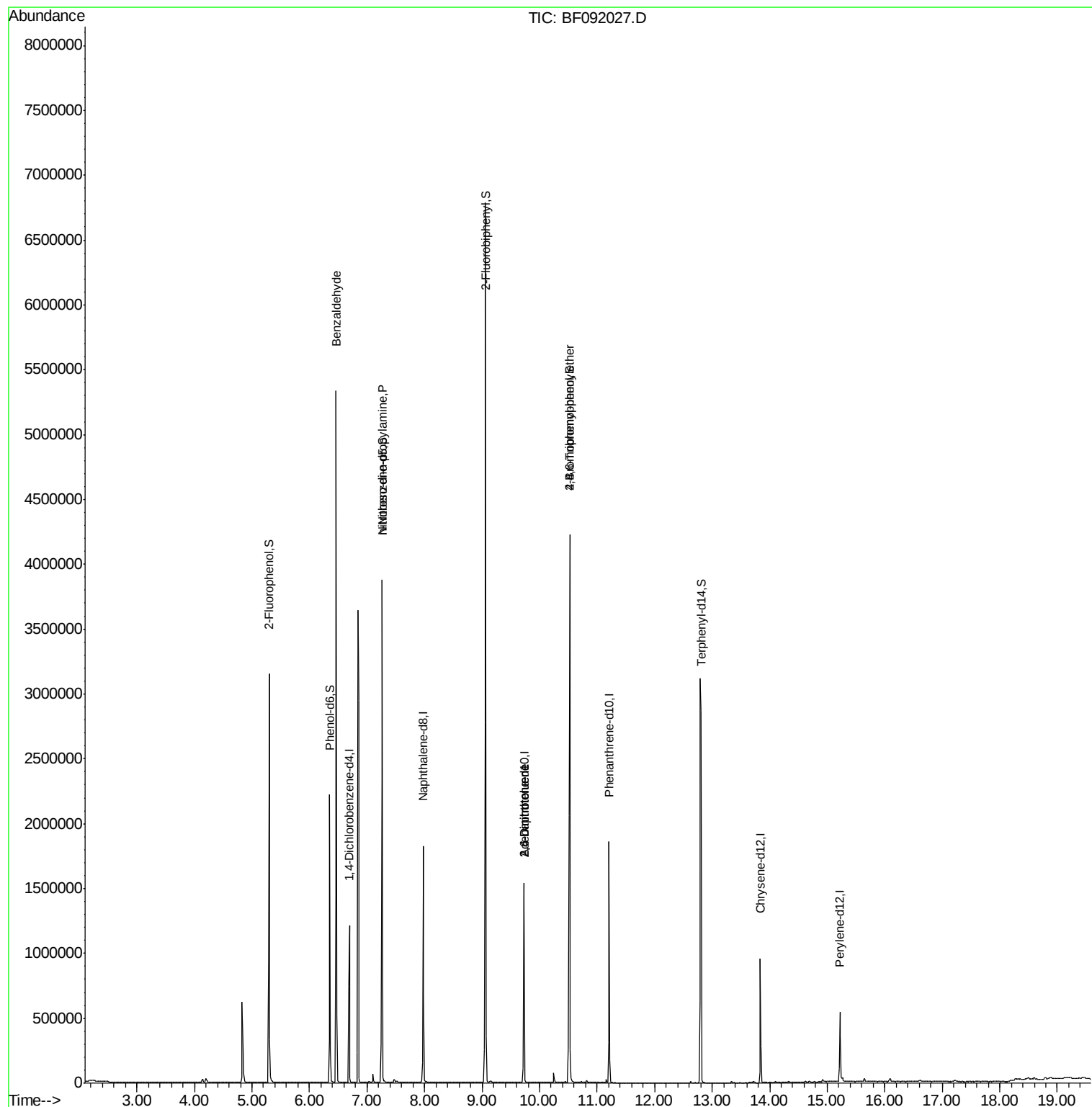
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	231155	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	917649	20.00	ng	-0.02
38) Acenaphthene-d10	9.73	164	498631	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	636289	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	339225	20.00	ng	-0.03
86) Perylene-d12	15.22	264	275512	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	891920	64.43	ng	-0.02
7) Phenol-d6	6.35	99	707119	41.84	ng	-0.03
23) Nitrobenzene-d5	7.26	82	1609151	97.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	522951	126.73	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	2271526	94.83	ng	-0.02
78) Terphenyl-d14	12.81	244	1555991	111.24	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.46	77	35161	2.56	ng	# 70
19) n-Nitroso-di-n-propylamine	7.26	70	213782	19.01	ng	# 74
50) 2,6-Dinitrotoluene	9.73	165	64273	9.21	ng	# 30
56) 2,4-Dinitrotoluene	9.73	165	64273	7.34	ng	# 19
66) 4-Bromophenyl-phenylether	10.52	248	36808	5.56	ng	# 1
71) Anthracene	11.23	178	350	Below Cal	#	59
73) Di-n-butylphthalate	11.78	149	1920	Below Cal	#	76
74) Fluoranthene	12.42	202	332	Below Cal		61

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092027.D
Acq On : 29 Dec 2016 16:41
Operator : UM/SJ
Sample : H6281-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Dec 29 17:39:07 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF092027.D

Acq: 29 Dec 2016 16:41

Instrument :

BNA_F

ClientSampleId :

207TH-ST-FB-1-122216

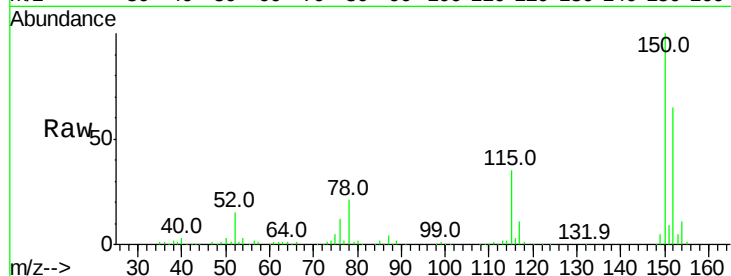
Tot Ion:152 Resp: 231155

Ion Ratio Lower Upper

152 100

150 154.2 124.9 187.3

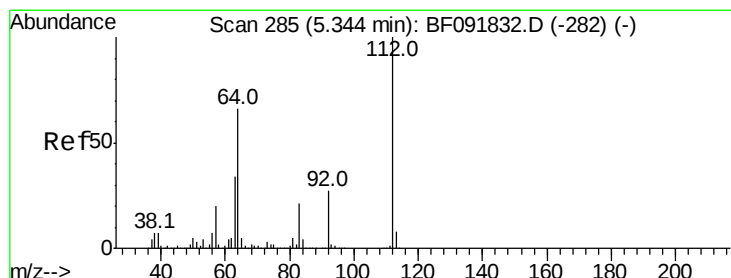
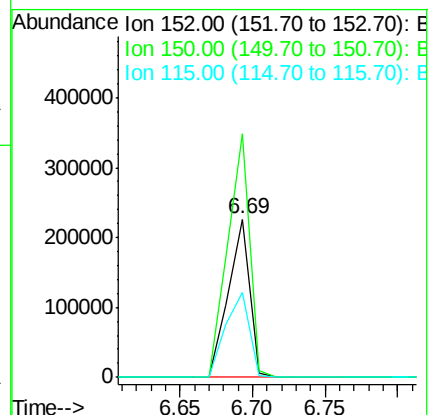
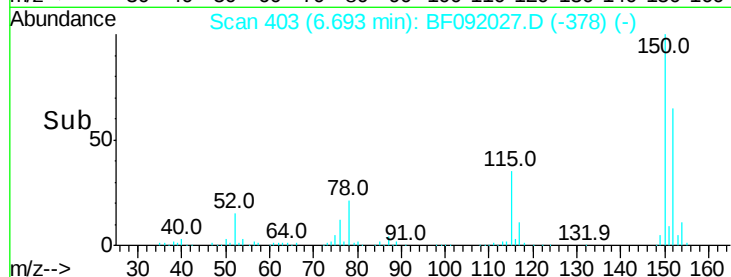
115 53.9 46.0 69.0



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: 64.43 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092027.D

Acq: 29 Dec 2016 16:41

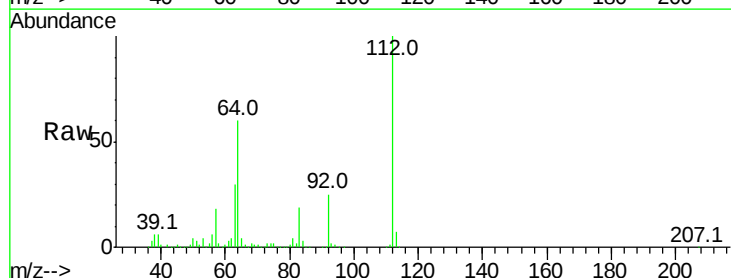
Tgt Ion:112 Resp: 891920

Ion Ratio Lower Upper

112 100

64 60.1 46.1 69.1

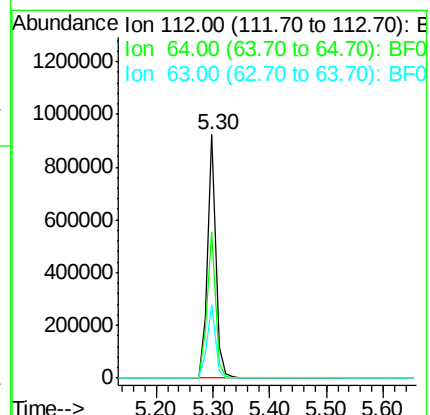
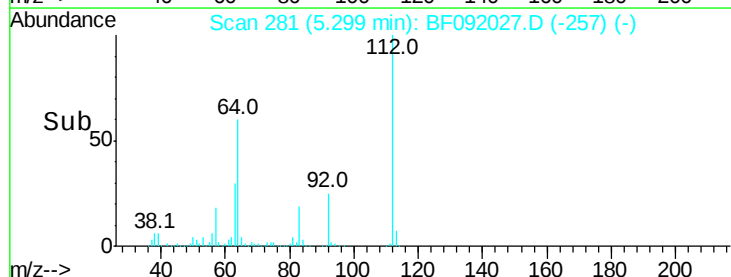
63 30.1 23.8 35.6

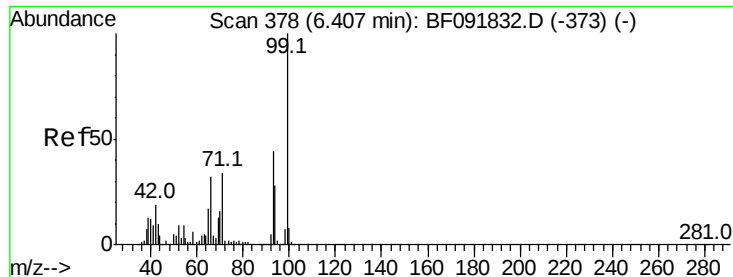


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.84 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092027.D

Acq: 29 Dec 2016 16:41

Instrument :

BNA_F

ClientSampleId :

207TH-ST-FB-1-122216

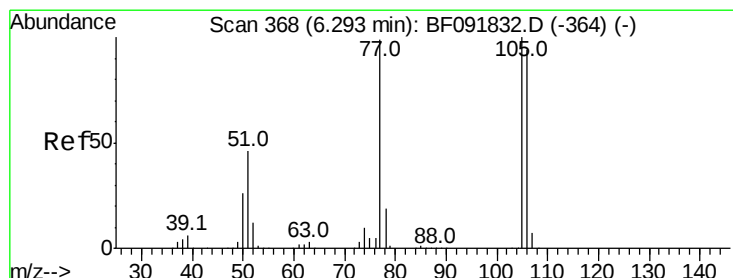
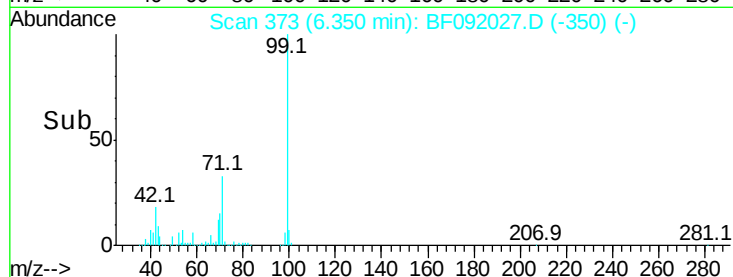
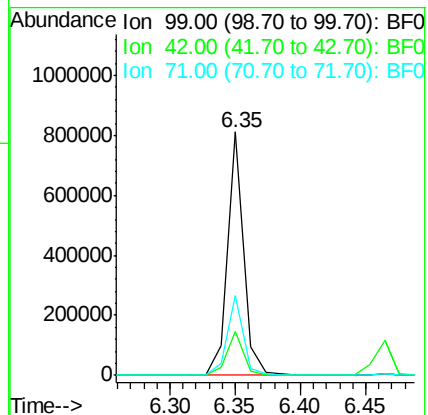
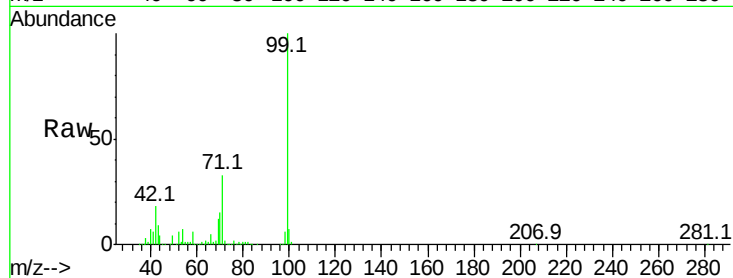
Tot Ion: 99 Resp: 707119

Ion Ratio Lower Upper

99 100

42 18.1 15.6 23.4

71 32.8 27.5 41.3



#9

Benzaldehyde

Concen: 2.56 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.22 min

Lab File: BF092027.D

Acq: 29 Dec 2016 16:41

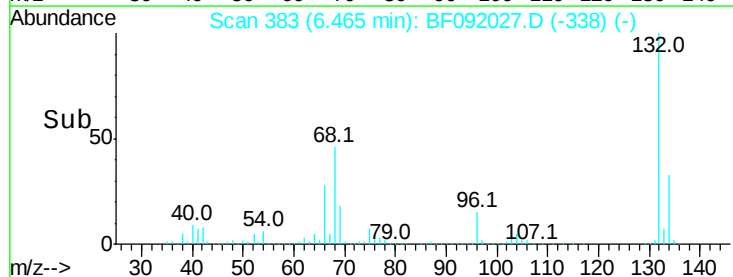
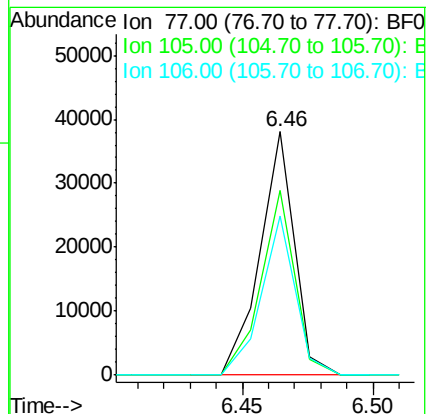
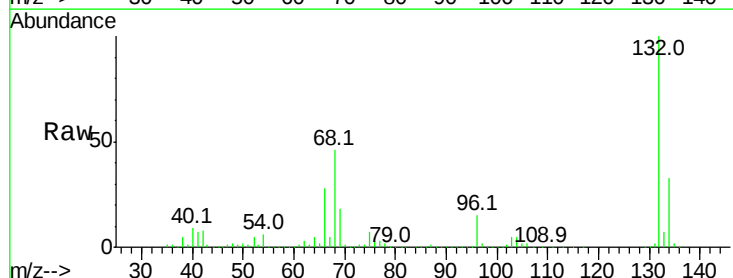
Tgt Ion: 77 Resp: 35161

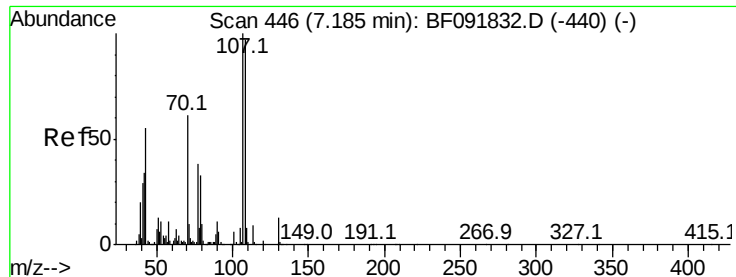
Ion Ratio Lower Upper

77 100

105 75.6 83.9 123.9#

106 65.5 77.6 117.6#





#19

n-Nitroso-di-n-propylamine

Concen: 19.01 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.13 min

Lab File: BF092027.D

Acq: 29 Dec 2016 16:41

Instrument :

BNA_F

ClientSampleId :

207TH-ST-FB-1-122216

Tot Ion: 70 Resp: 213782

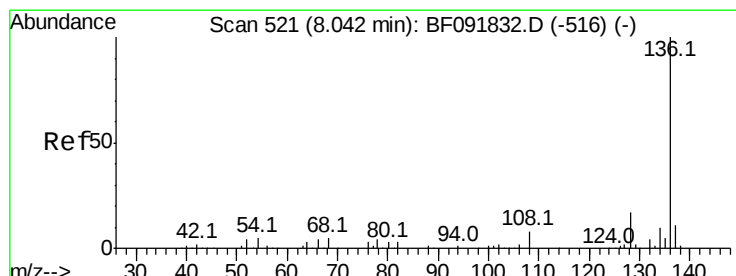
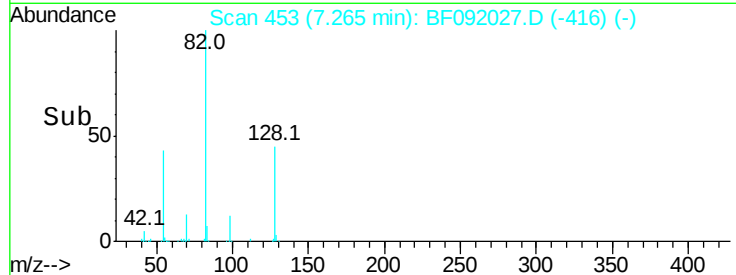
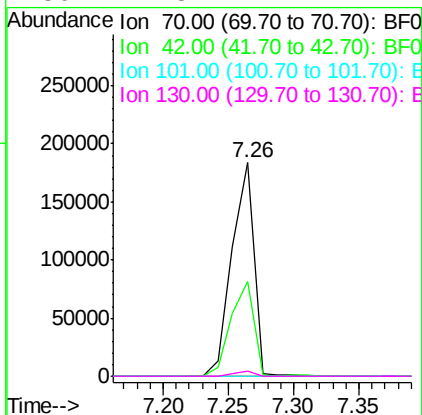
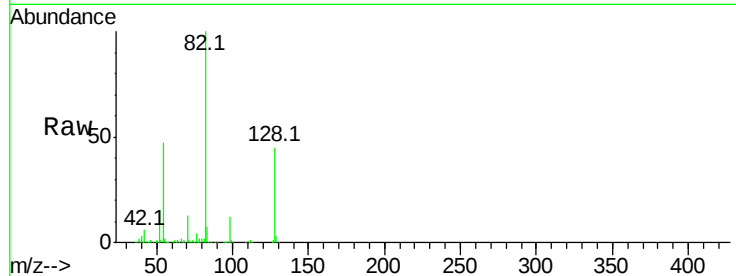
Ion Ratio Lower Upper

70 100

42 44.2 49.4 74.0#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF092027.D

Acq: 29 Dec 2016 16:41

Tgt Ion: 136 Resp: 917649

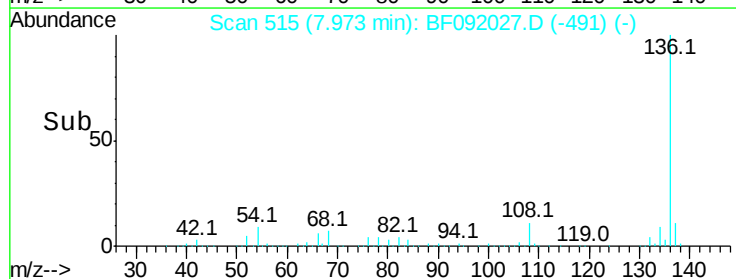
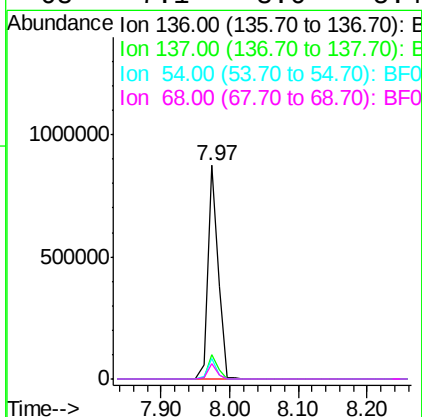
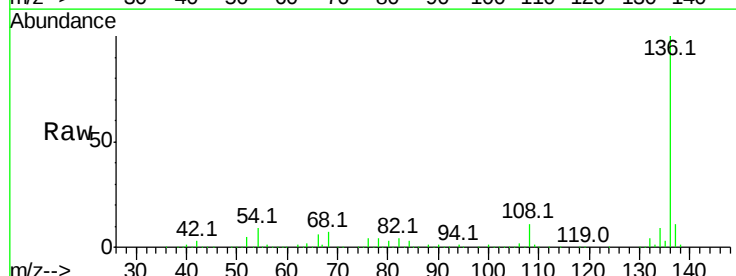
Ion Ratio Lower Upper

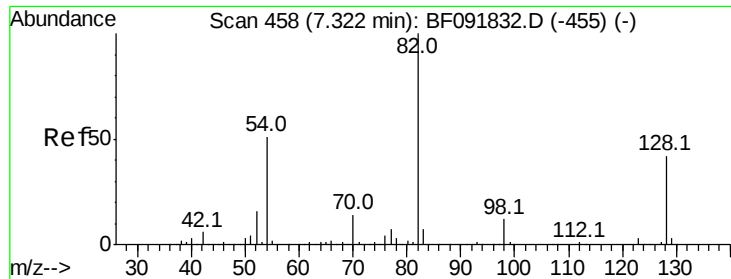
136 100

137 11.3 8.4 12.6

54 9.5 4.5 6.7#

68 7.1 3.6 5.4#



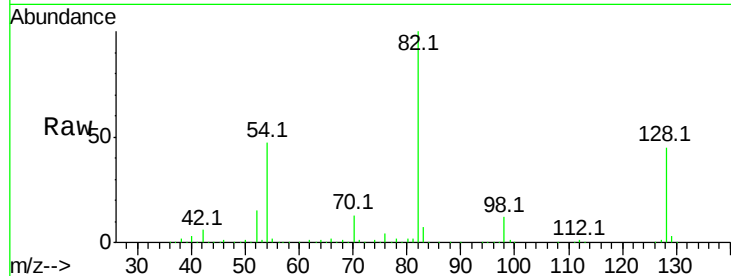


#23
 Nitrobenzene-d5
 Concen: 97.51 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF092027.D
 Acq: 29 Dec 2016 16:41

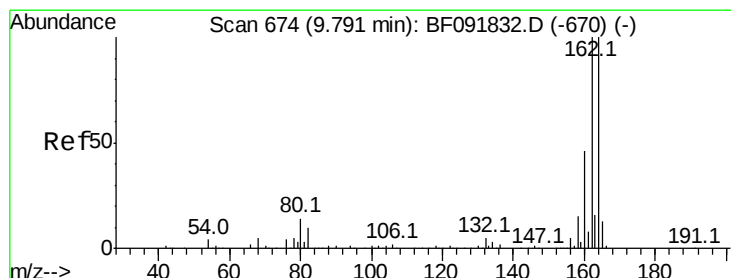
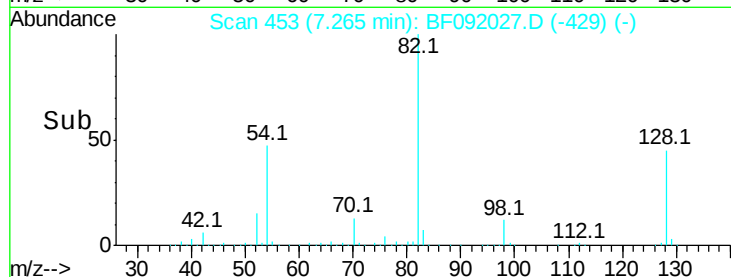
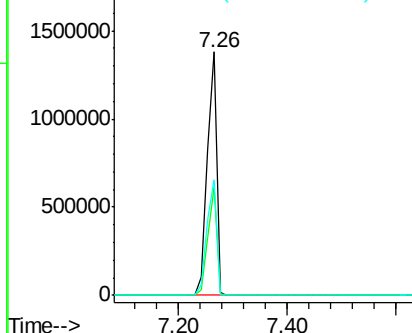
Instrument :
 BNA_F
 ClientSampleId :
 207TH-ST-FB-1-122216

Tot Ion: 82 Resp: 1609151

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.6	52.0
54	47.4	39.5	59.3



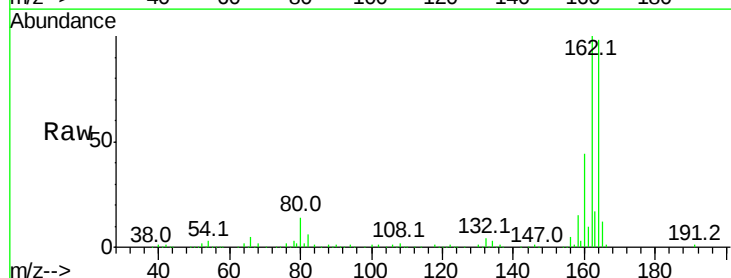
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



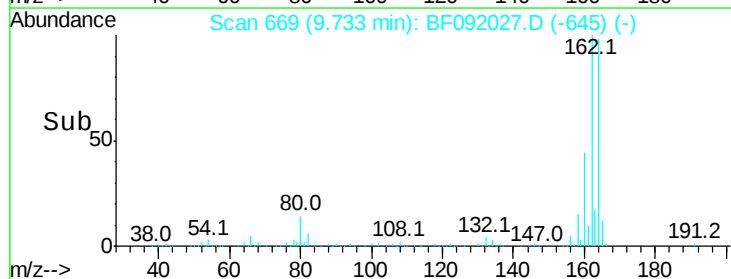
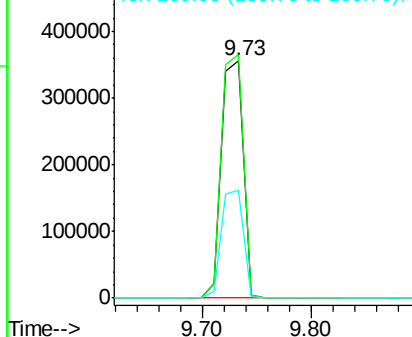
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF092027.D
 Acq: 29 Dec 2016 16:41

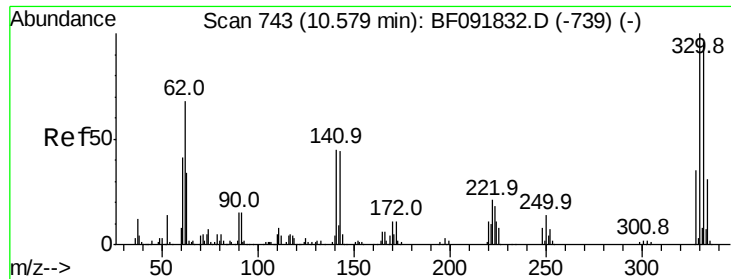
Tgt Ion:164 Resp: 498631

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.2	120.2
160	45.4	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

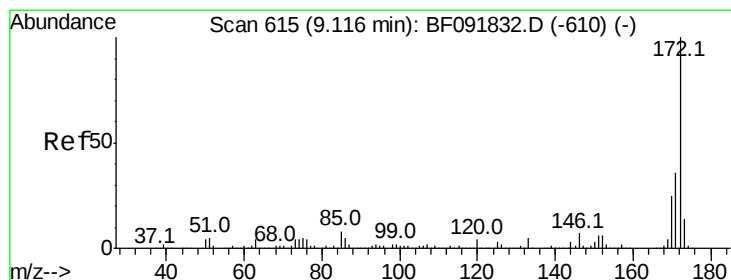
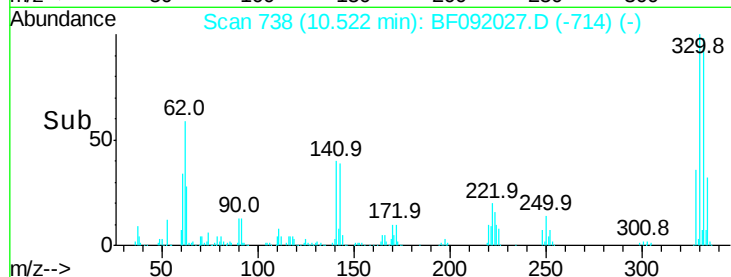
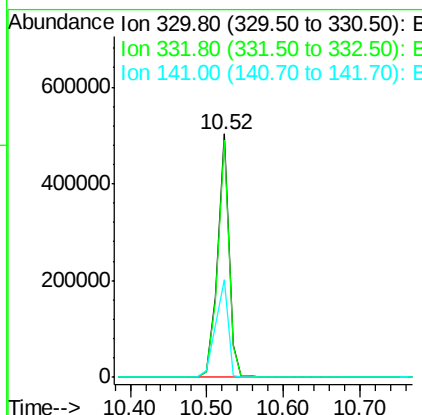
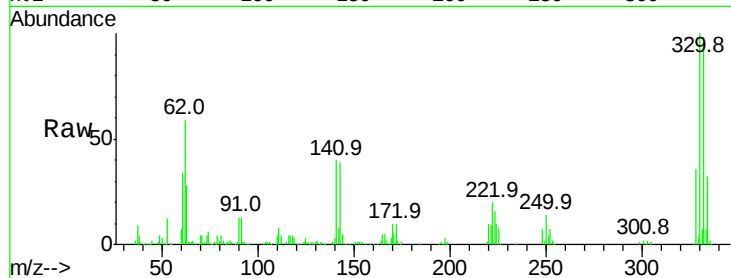




#41
 2,4,6-Tribromophenol
 Concen: 126.73 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF092027.D
 Acq: 29 Dec 2016 16:41

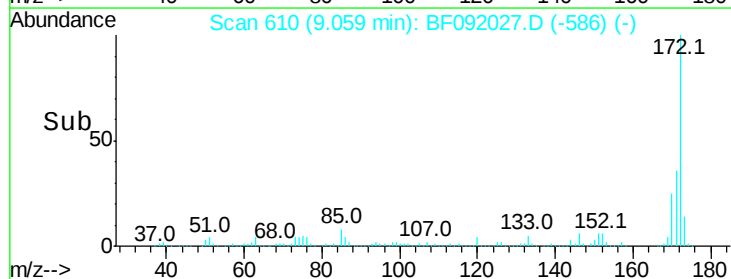
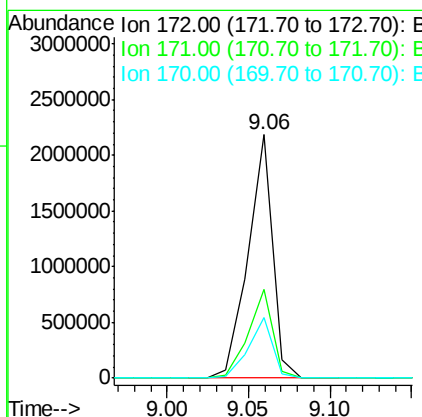
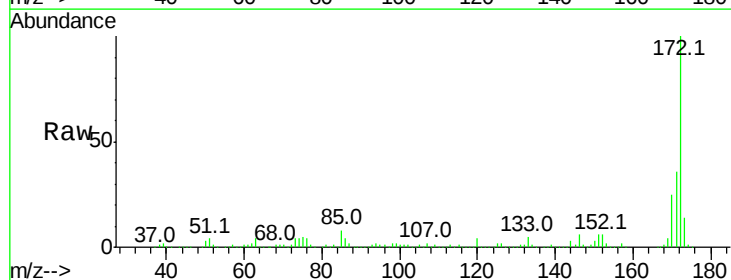
Instrument :
 BNA_F
 ClientSampleId :
 207TH-ST-FB-1-122216

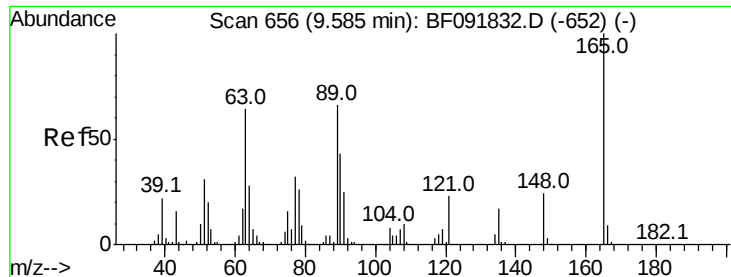
Tot Ion:330 Resp: 522951
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 43.4 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 94.83 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF092027.D
 Acq: 29 Dec 2016 16:41

Tgt Ion:172 Resp: 2271526
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.7 20.2 30.4

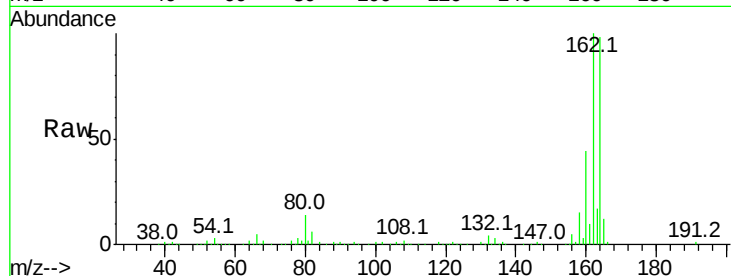




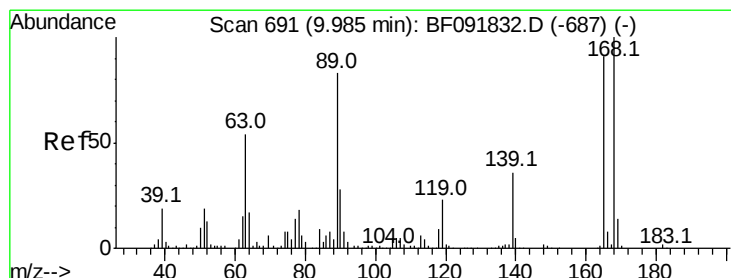
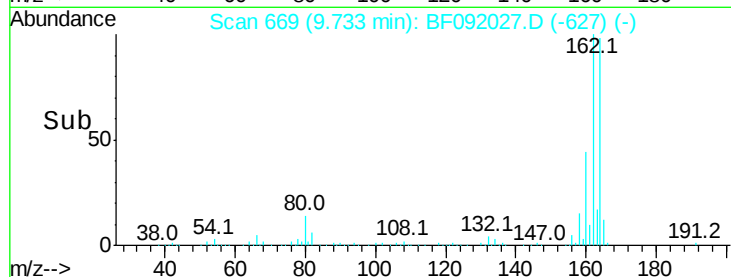
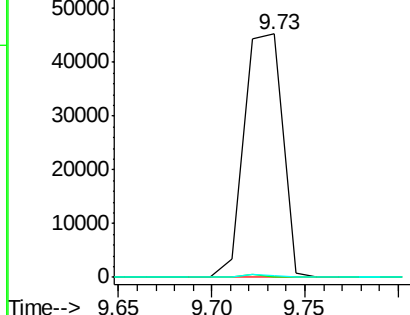
#50
2,6-Dinitrotoluene
Concen: 9.21 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.18 min
Lab File: BF092027.D
Acq: 29 Dec 2016 16:41

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

Tot Ion:165 Resp: 64273
Ion Ratio Lower Upper
165 100
63 0.0 36.2 54.4#
89 0.9 40.2 60.4#



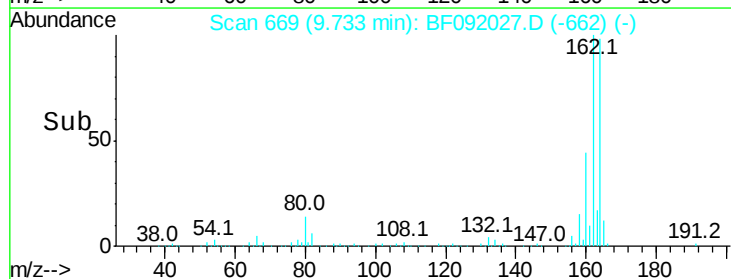
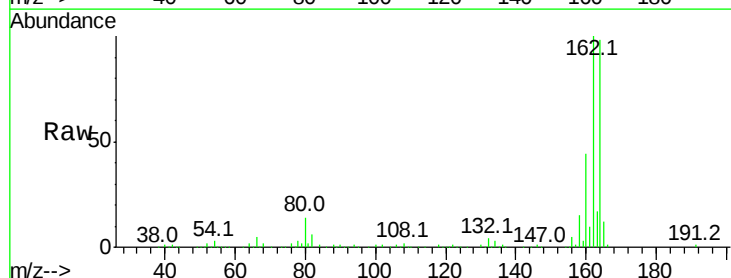
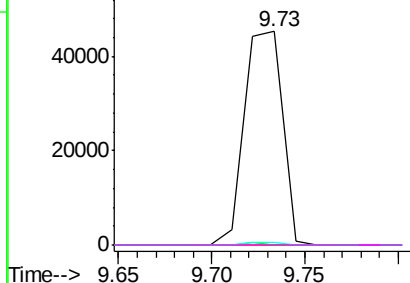
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

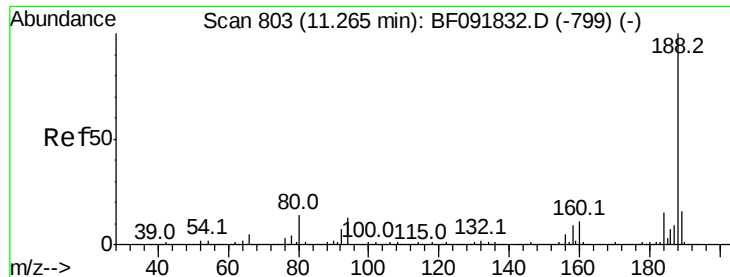


#56
2,4-Dinitrotoluene
Concen: 7.34 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.22 min
Lab File: BF092027.D
Acq: 29 Dec 2016 16:41

Tgt Ion:165 Resp: 64273
Ion Ratio Lower Upper
165 100
63 0.0 40.2 60.4#
89 0.9 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

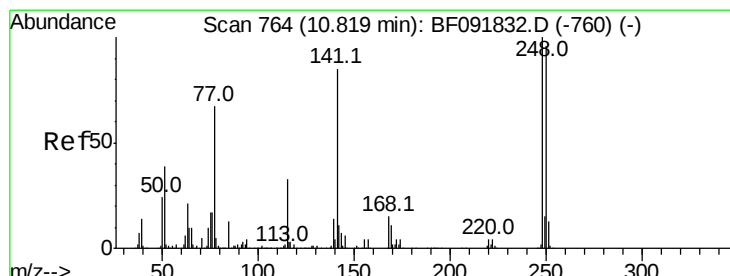
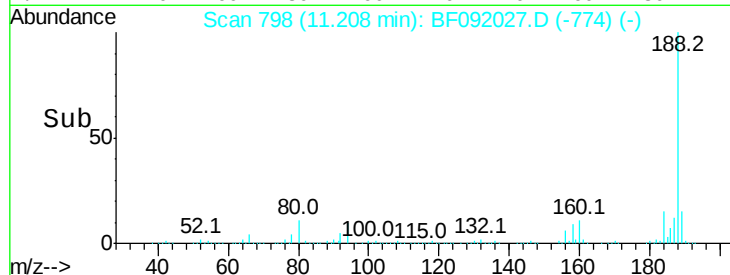
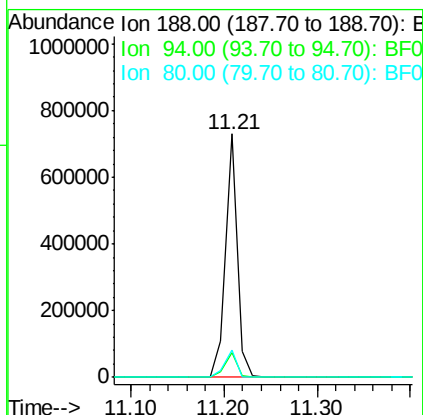
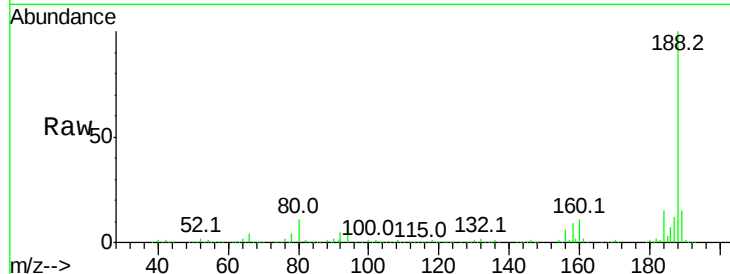




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF092027.D
 Acq: 29 Dec 2016 16:41

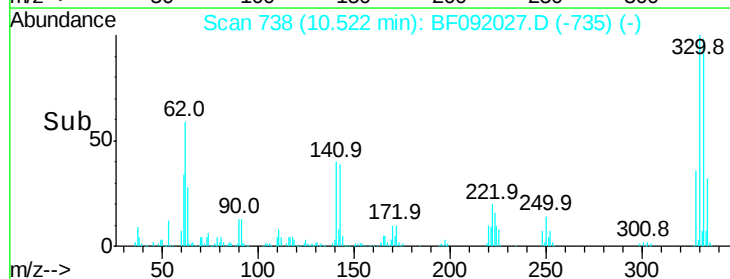
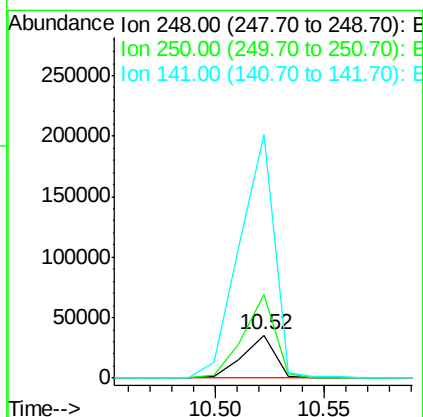
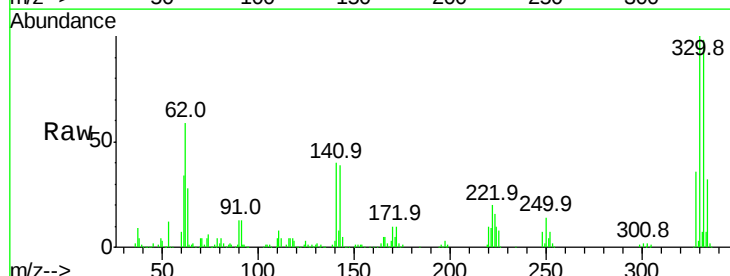
Instrument :
 BNA_F
 ClientSampleId :
 207TH-ST-FB-1-122216

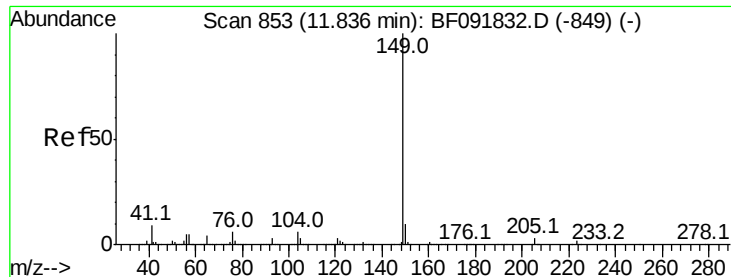
Tot Ion:188 Resp: 636289
 Ion Ratio Lower Upper
 188 100
 94 9.9 10.0 15.0#
 80 11.1 11.2 16.8#



#66
 4-Bromophenyl-phenylether
 Concen: 5.56 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.26 min
 Lab File: BF092027.D
 Acq: 29 Dec 2016 16:41

Tgt Ion:248 Resp: 36808
 Ion Ratio Lower Upper
 248 100
 250 194.5 76.9 115.3#
 141 563.2 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.78 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF092027.D

Acq: 29 Dec 2016 16:41

Instrument :

BNA_F

ClientSampleId :

207TH-ST-FB-1-122216

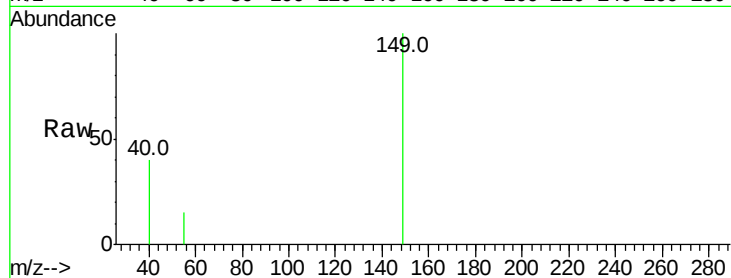
Tot Ion:149 Resp: 1920

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

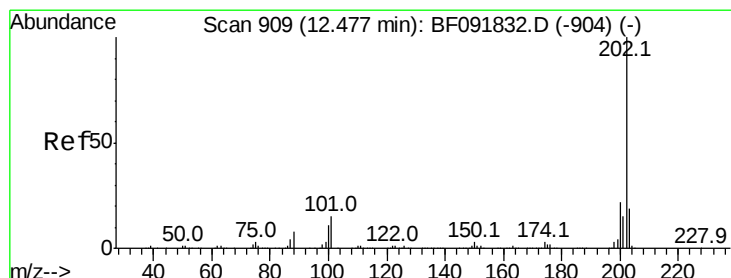
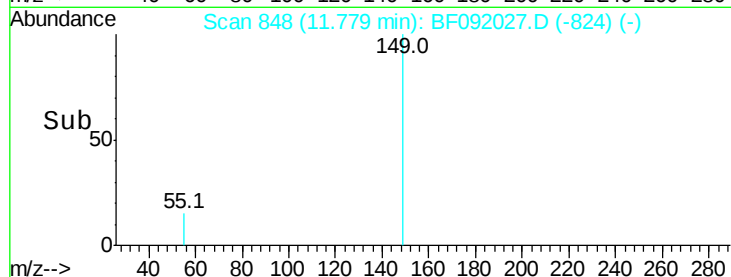
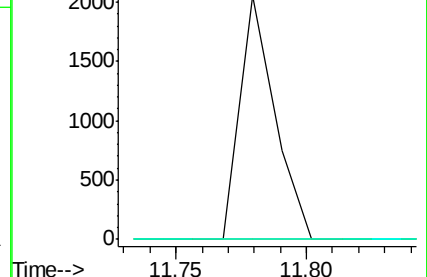
104 0.0 4.6 7.0#



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



#74

Fluoranthene

Concen: Below Cal

RT: 12.42 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF092027.D

Acq: 29 Dec 2016 16:41

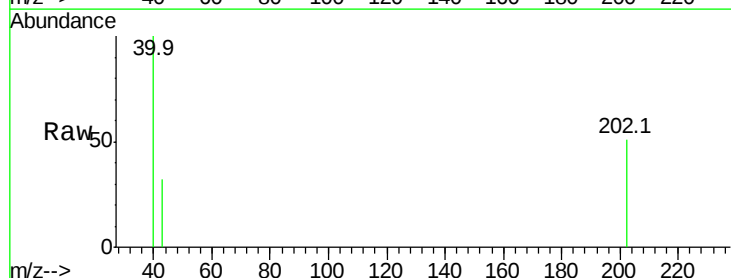
Tgt Ion:202 Resp: 332

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

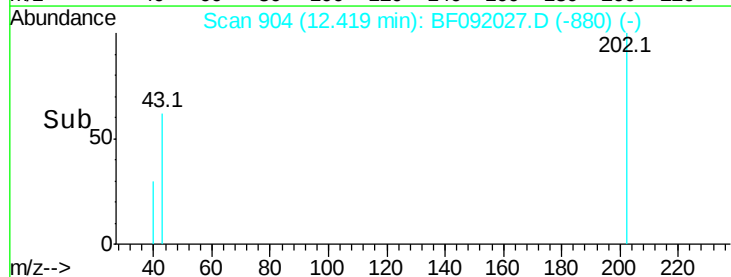
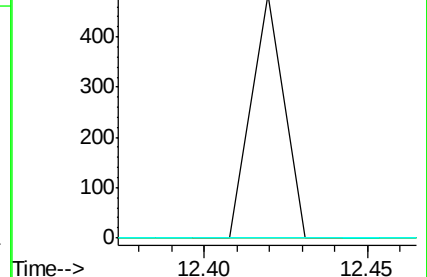
203 0.0 0.0 38.7

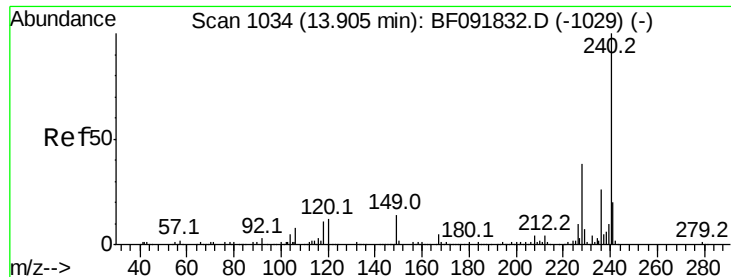


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.84 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF092027.D

Acq: 29 Dec 2016 16:41

Instrument :

BNA_F

ClientSampleId :

207TH-ST-FB-1-122216

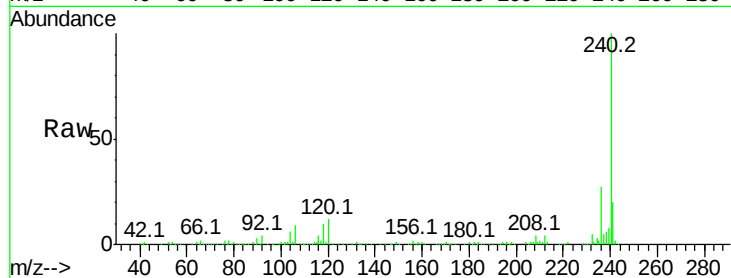
Tot Ion:240 Resp: 339225

Ion Ratio Lower Upper

240 100

120 11.9 12.9 19.3#

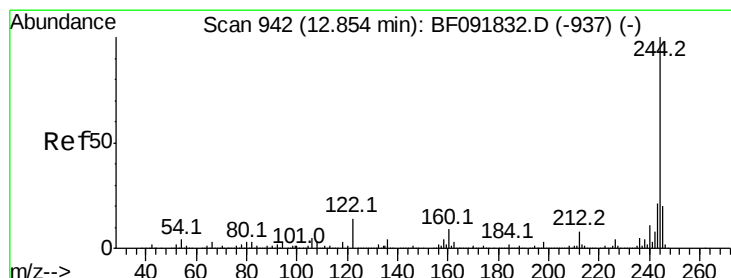
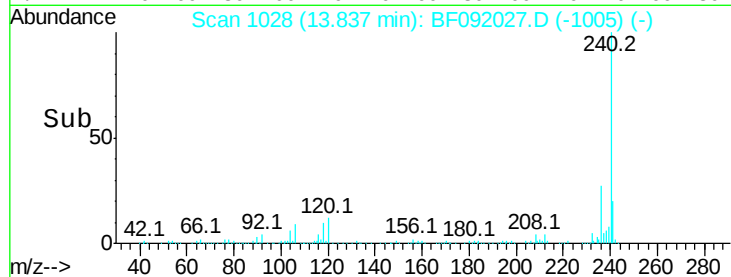
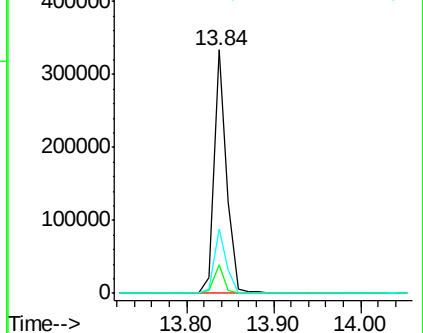
236 26.6 20.9 31.3



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: 111.24 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF092027.D

Acq: 29 Dec 2016 16:41

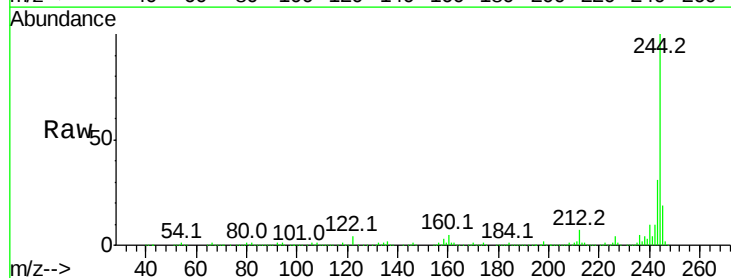
Tgt Ion:244 Resp: 1555991

Ion Ratio Lower Upper

244 100

212 6.5 6.2 9.2

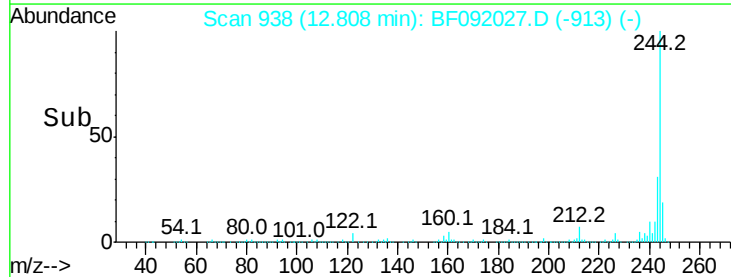
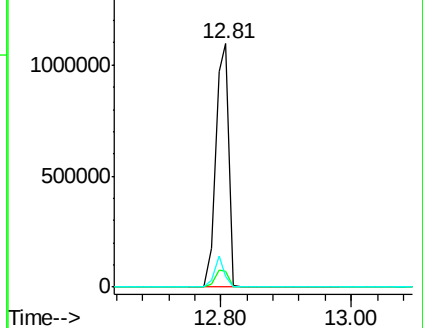
122 4.4 11.4 17.2#

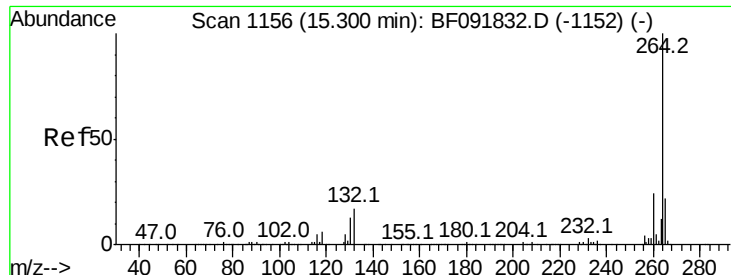


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

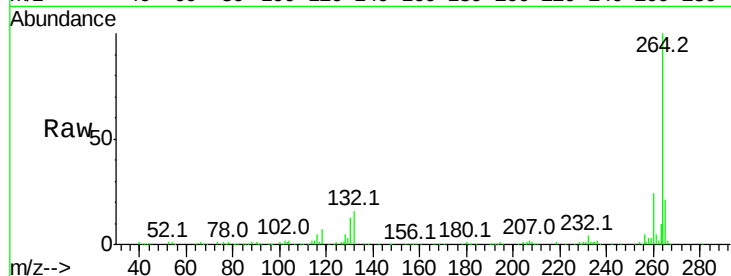




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF092027.D
Acq: 29 Dec 2016 16:41

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

Tot Ion:	264	Resp:	275512
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	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

