

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086867.D
 Acq On : 10 May 2016 18:44
 Operator : UM/SJ
 Sample : PB90456BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BL

Quant Time: May 11 03:44:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

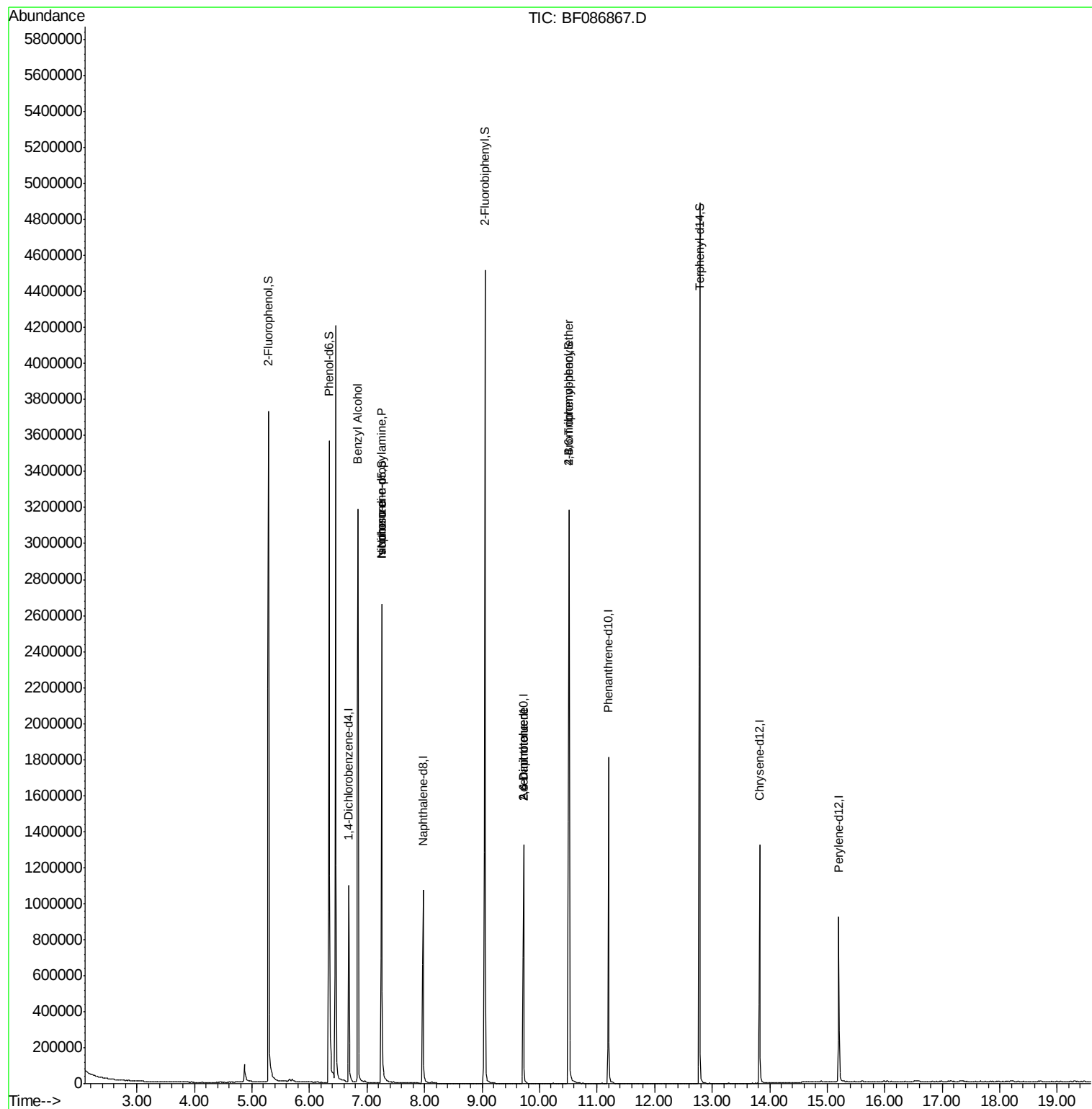
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	151801	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	620722	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	306319	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	615287	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	483457	20.00	ng	-0.01
86) Perylene-d12	15.20	264	382571	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1144218	127.65	ng	0.00
7) Phenol-d6	6.34	99	1357783	113.34	ng	-0.02
23) Nitrobenzene-d5	7.25	82	886875	71.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	396199	122.17	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1457390	79.96	ng	-0.01
78) Terphenyl-d14	12.79	244	1608728	70.60	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.84	79	16978	2.05	ng	# 39
19) n-Nitroso-di-n-propylamine	7.25	70	124108	14.82	ng	# 70
25) Isophorone	7.25	82	722289	31.49	ng	# 68
50) 2,6-Dinitrotoluene	9.72	165	37814	7.69	ng	# 20
56) 2,4-Dinitrotoluene	9.72	165	37816	6.21	ng	# 16
66) 4-Bromophenyl-phenylether	10.51	248	26290	4.21	ng	# 1

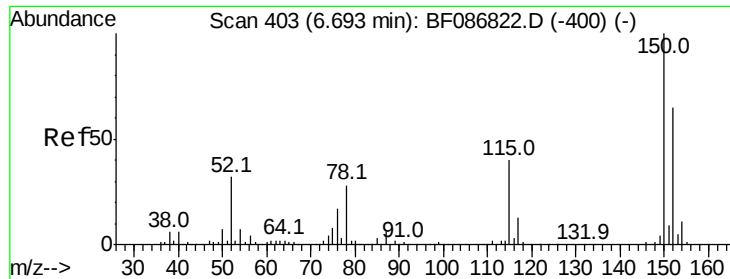
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086867.D

Acq: 10 May 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB90456BL

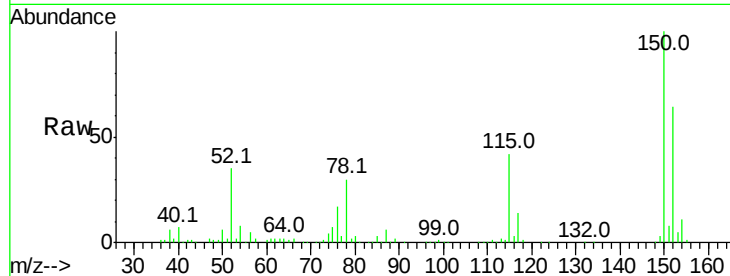
Tot Ion:152 Resp: 151801

Ion Ratio Lower Upper

152 100

150 156.9 125.8 188.6

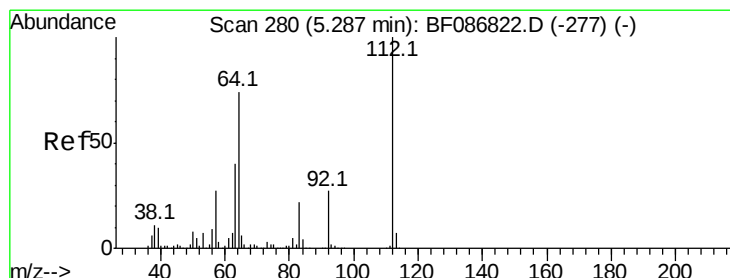
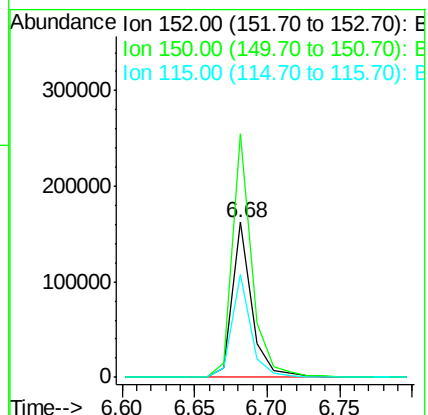
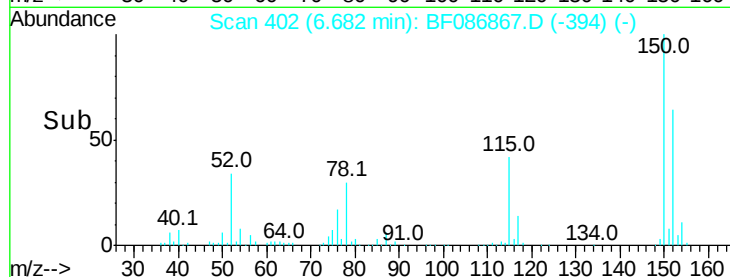
115 65.9 51.5 77.3



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: 127.65 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086867.D

Acq: 10 May 2016 18:44

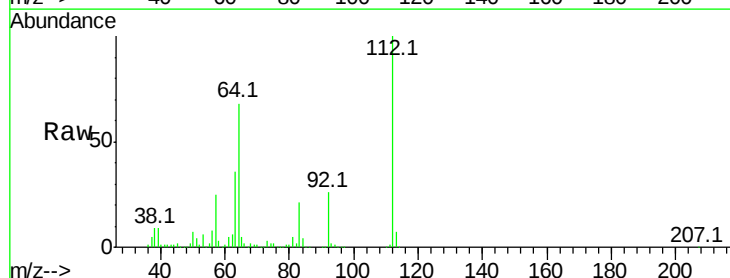
Tgt Ion:112 Resp: 1144218

Ion Ratio Lower Upper

112 100

64 67.8 52.1 78.1

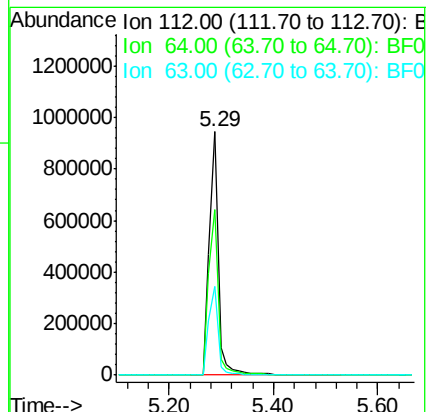
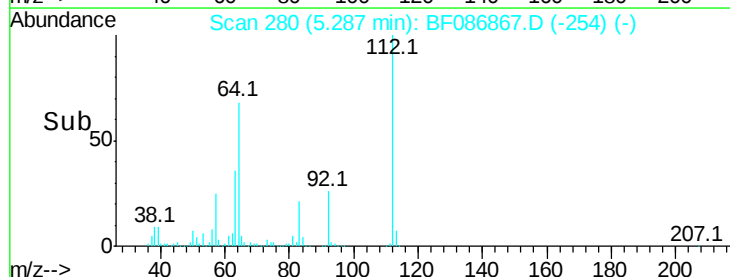
63 36.3 25.7 38.5

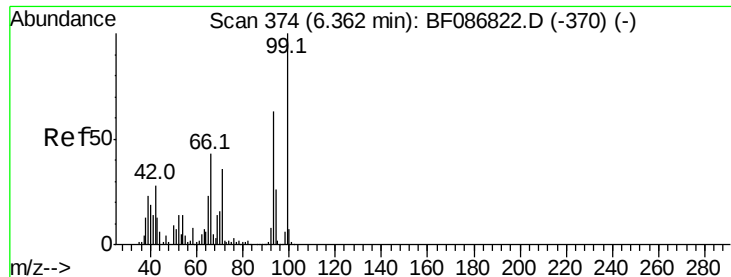


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.34 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF086867.D

Acq: 10 May 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB90456BL

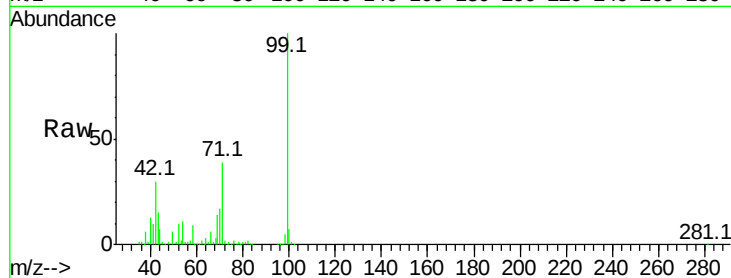
Tot Ion: 99 Resp: 1357783

Ion Ratio Lower Upper

99 100

42 30.5 13.6 20.4#

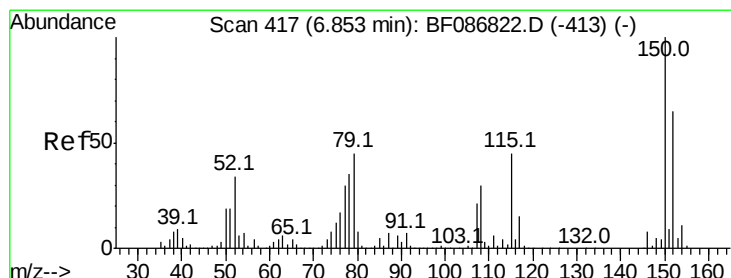
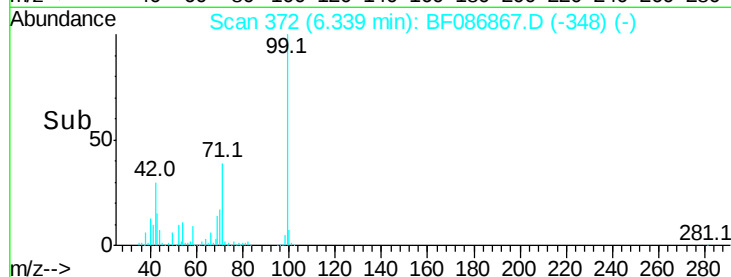
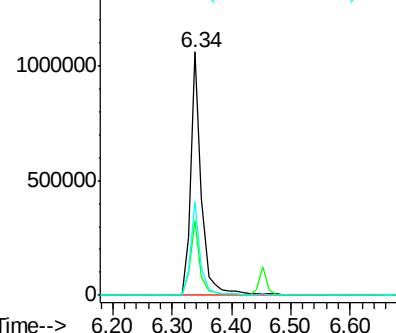
71 38.5 24.6 36.8#



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: 2.05 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF086867.D

Acq: 10 May 2016 18:44

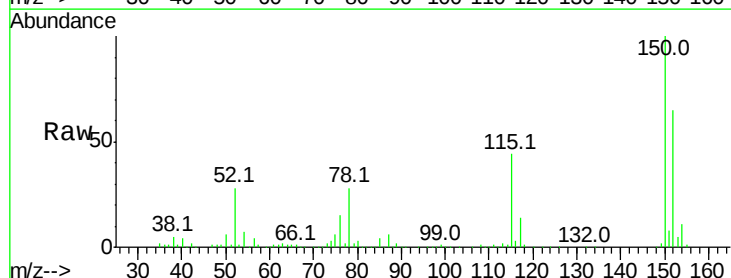
Tgt Ion: 79 Resp: 16978

Ion Ratio Lower Upper

79 100

108 33.9 68.4 102.6#

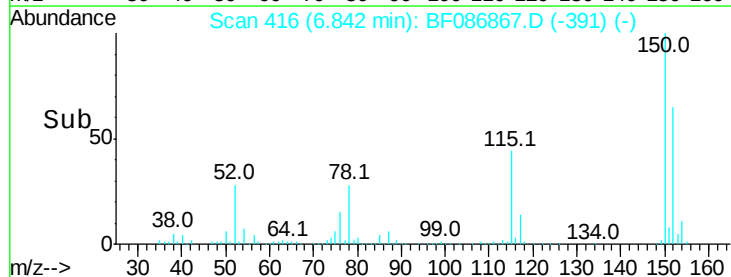
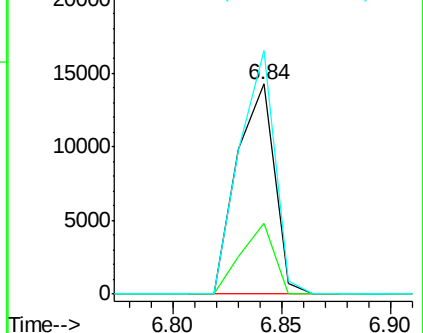
77 115.8 50.6 76.0#

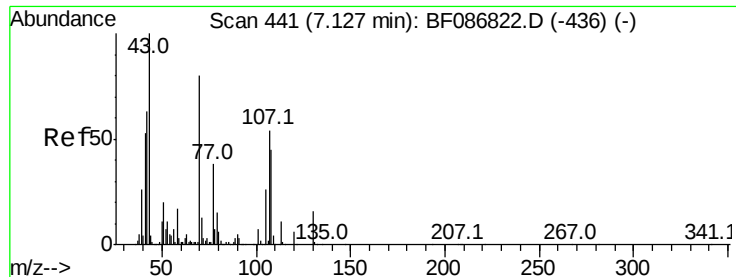


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

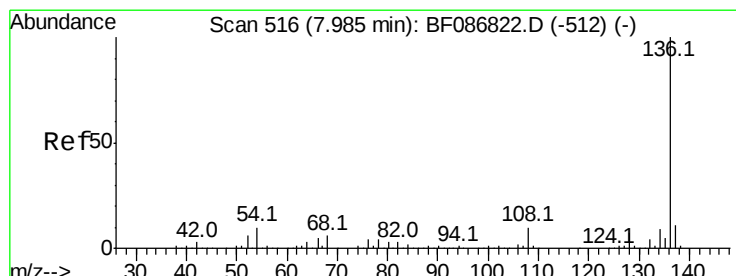
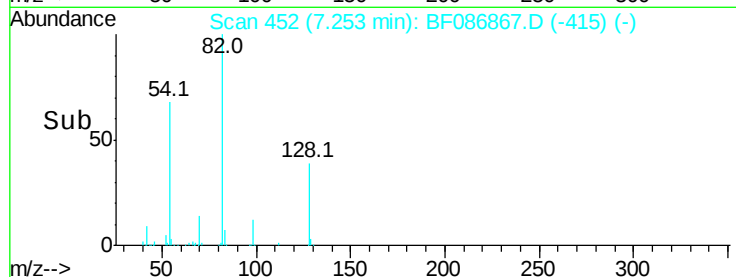
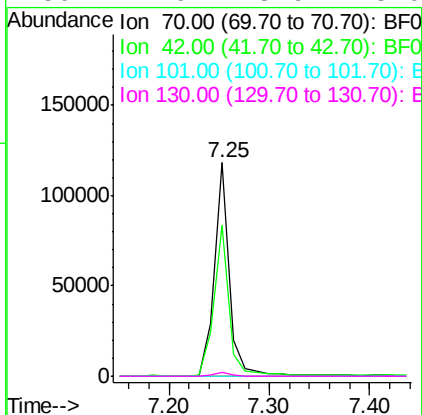
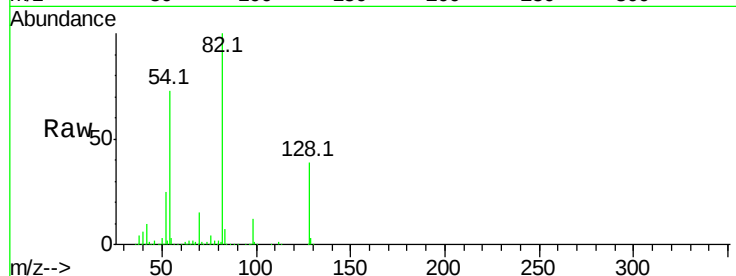




#19
n-Nitroso-di-n-propylamine
Concen: 14.82 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.13 min
Lab File: BF086867.D
Acq: 10 May 2016 18:44

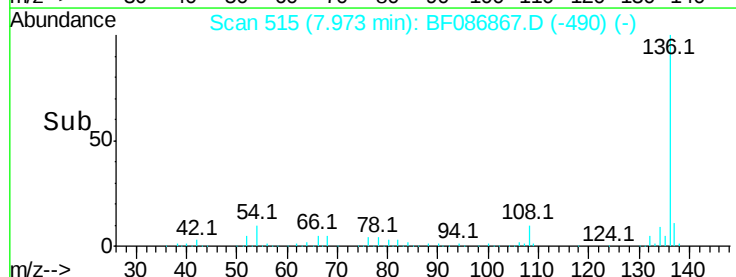
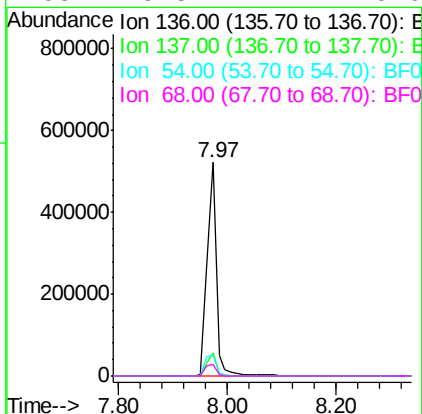
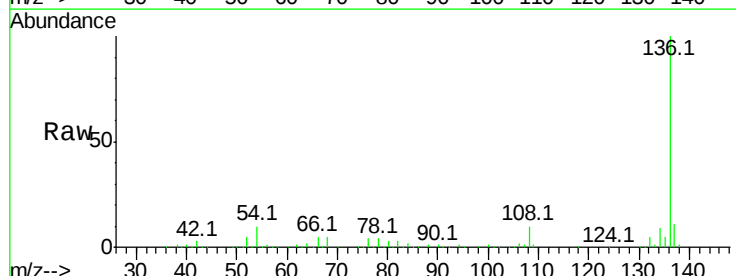
Instrument :
BNA_F
ClientSampleId :
PB90456BL

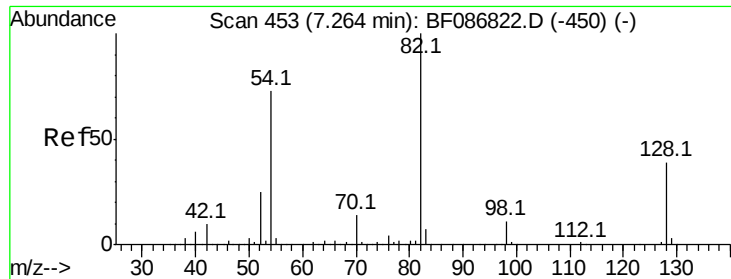
Tot Ion: 70 Resp: 124108
Ion Ratio Lower Upper
70 100
42 70.9 43.1 64.7#
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086867.D
Acq: 10 May 2016 18:44

Tgt Ion: 136 Resp: 620722
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.6 5.0 7.4#
68 5.5 4.4 6.6

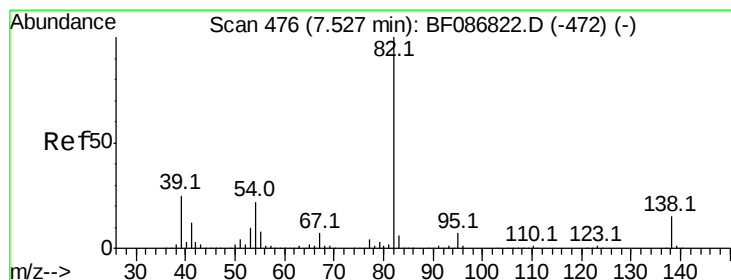
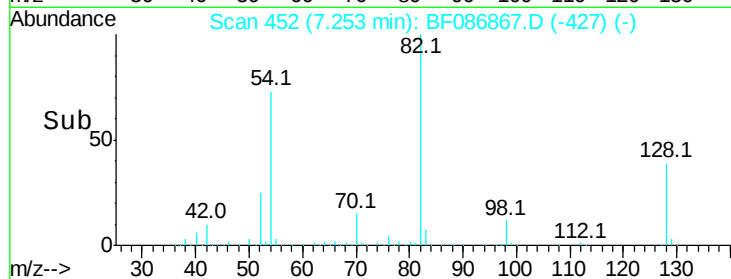
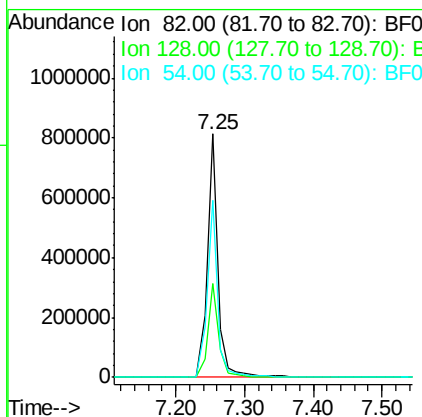
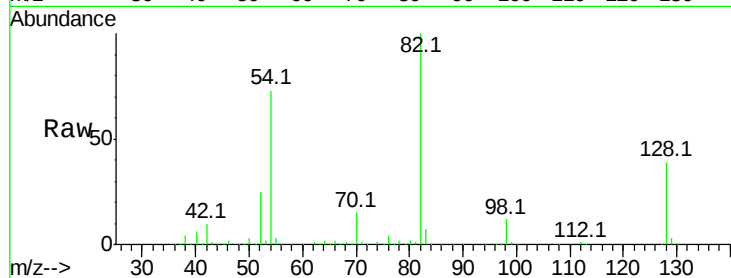




#23
 Nitrobenzene-d5
 Concen: 71.74 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF086867.D
 Acq: 10 May 2016 18:44

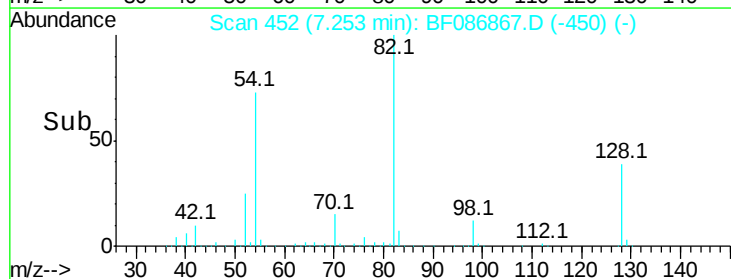
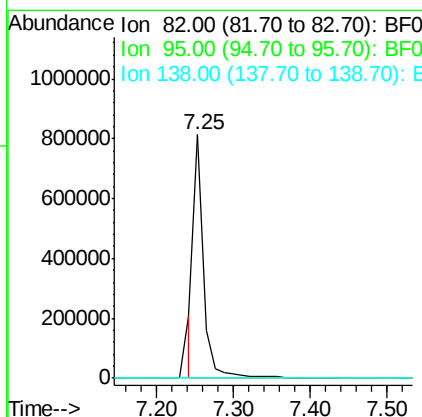
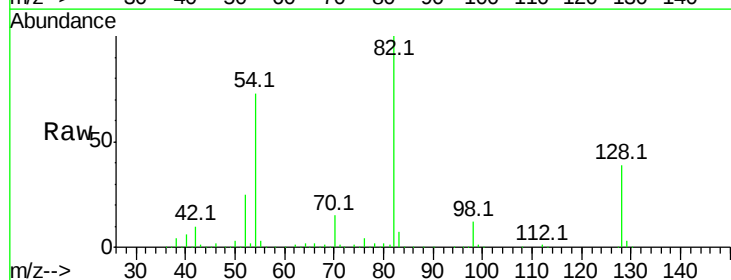
Instrument :
 BNA_F
 ClientSampleId :
 PB90456BL

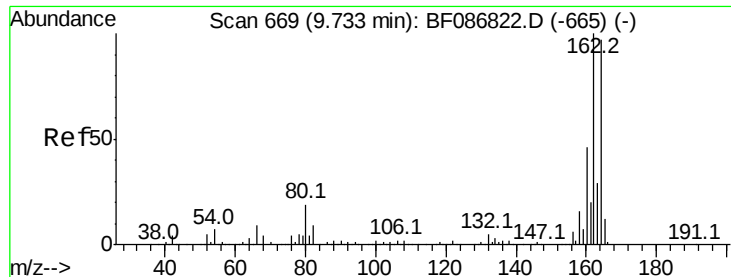
Tot Ion	82	Resp	886875
Ion Ratio	100	Lower	Upper
128	38.8	40.6	61.0#
54	72.6	38.1	57.1#



#25
 Isophorone
 Concen: 31.49 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.27 min
 Lab File: BF086867.D
 Acq: 10 May 2016 18:44

Tgt Ion	82	Resp	722289
Ion Ratio	100	Lower	Upper
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF086867.D

Acq: 10 May 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB90456BL

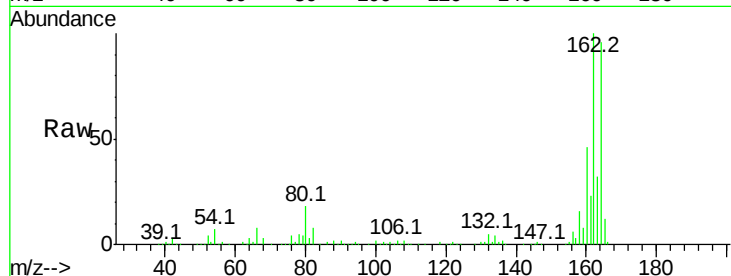
Tot Ion:164 Resp: 306319

Ion Ratio Lower Upper

164 100

162 103.7 82.8 124.2

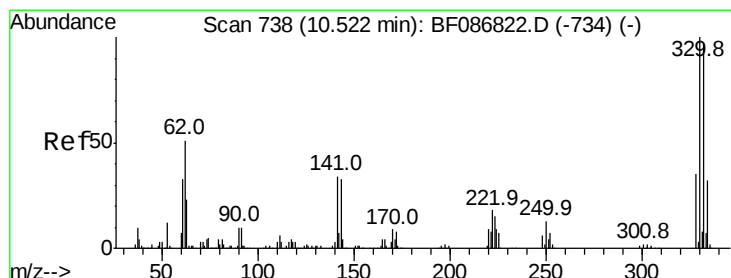
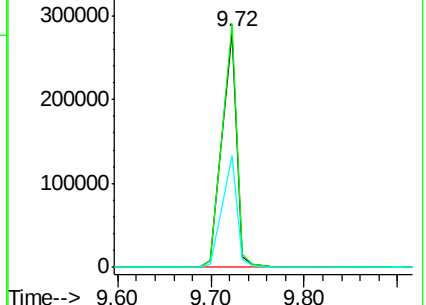
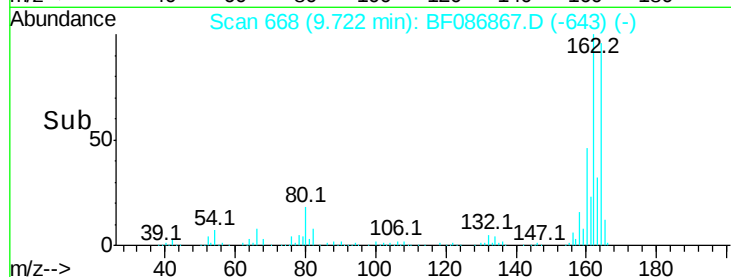
160 47.9 36.9 55.3



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: 122.17 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF086867.D

Acq: 10 May 2016 18:44

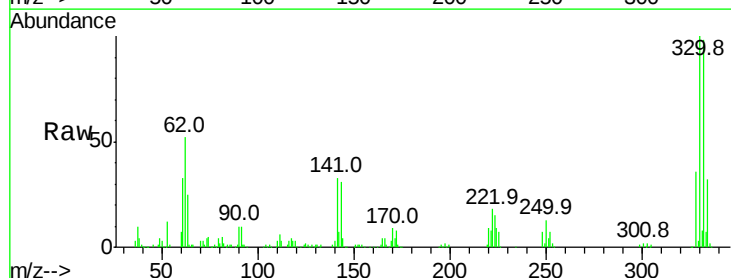
Tgt Ion:330 Resp: 396199

Ion Ratio Lower Upper

330 100

332 97.9 79.0 118.4

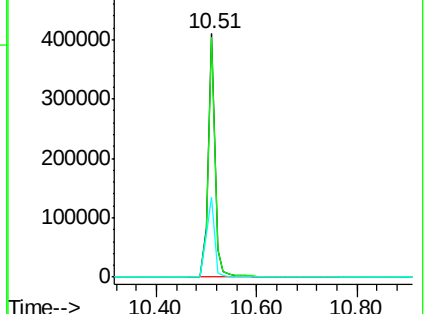
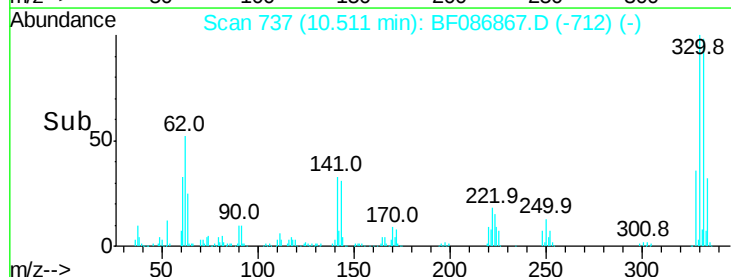
141 39.0 31.2 46.8

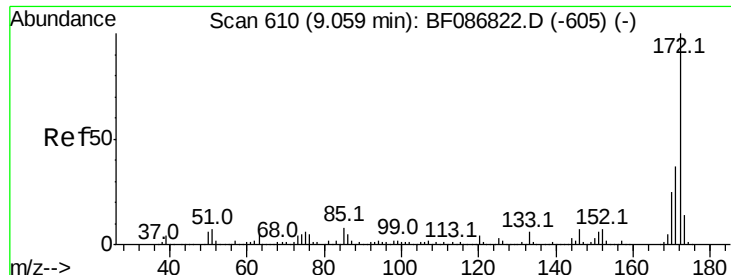


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



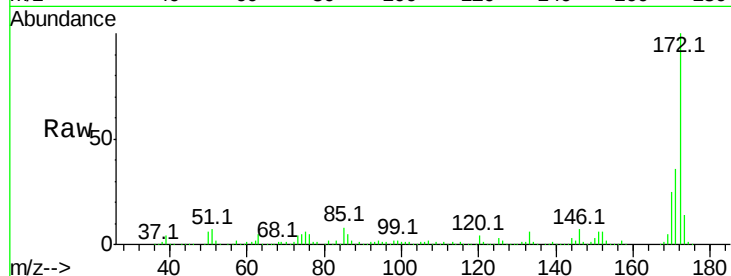


#44
 2-Fluorobiphenyl
 Concen: 79.96 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086867.D
 Acq: 10 May 2016 18:44

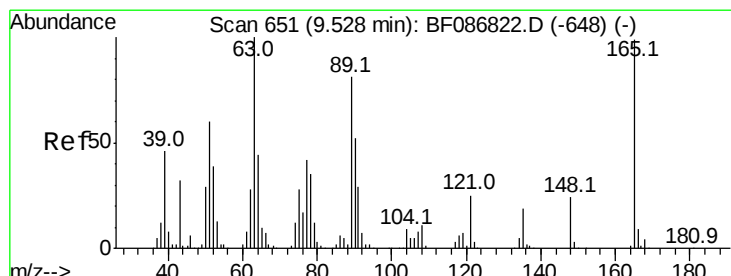
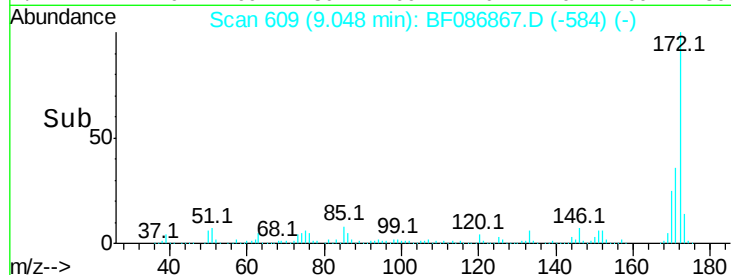
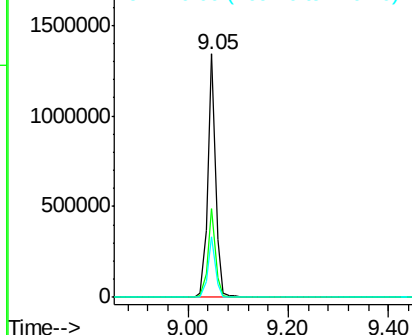
Instrument :
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Tot Ion:172 Resp: 1457390

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.9	19.8	29.8



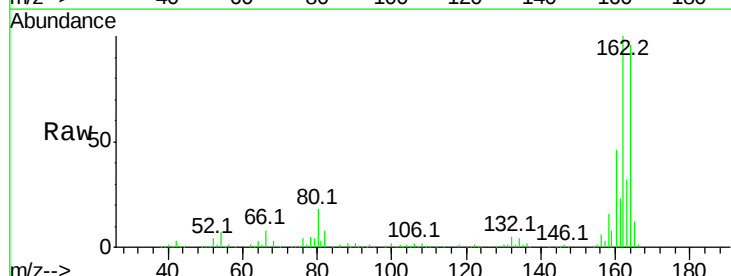
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



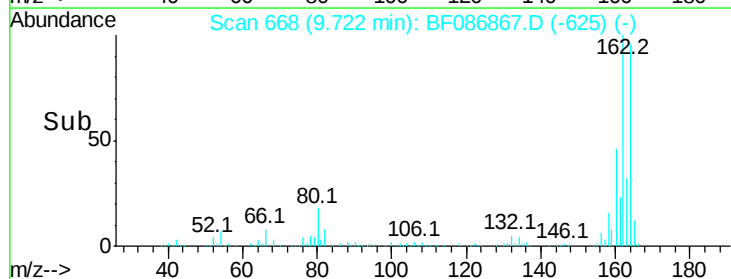
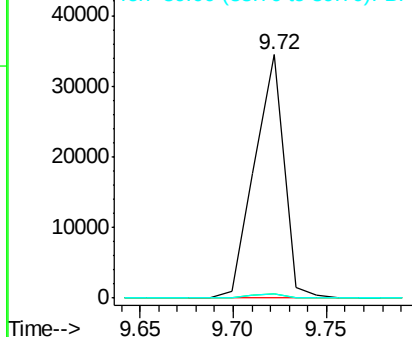
#50
 2,6-Dinitrotoluene
 Concen: 7.69 ng
 RT: 9.72 min Scan# 668
 Delta R.T. 0.19 min
 Lab File: BF086867.D
 Acq: 10 May 2016 18:44

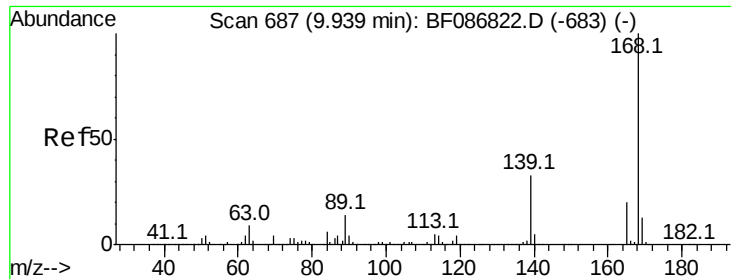
Tgt Ion:165 Resp: 37814

Ion	Ratio	Lower	Upper
165	100		
63	1.8	51.8	77.8#
89	1.8	50.7	76.1#



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

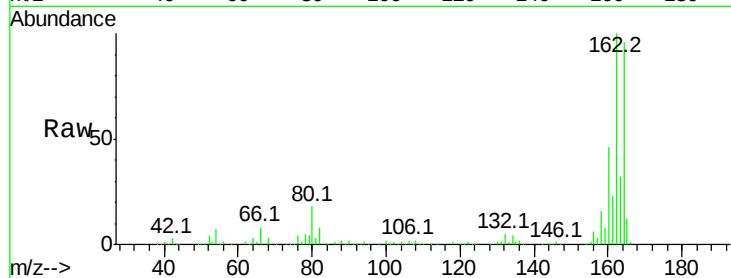




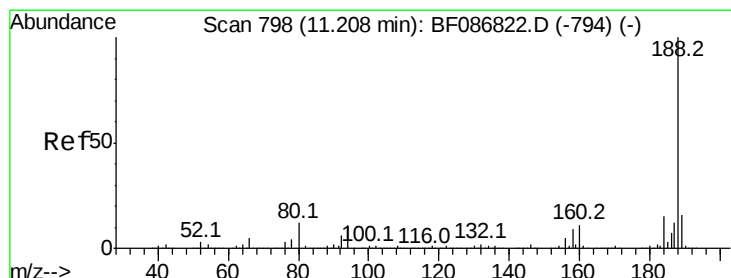
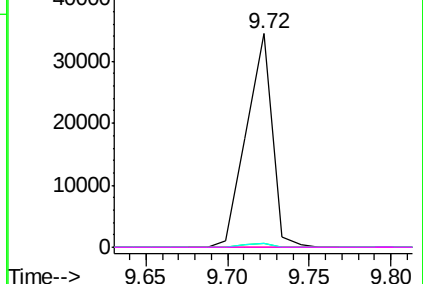
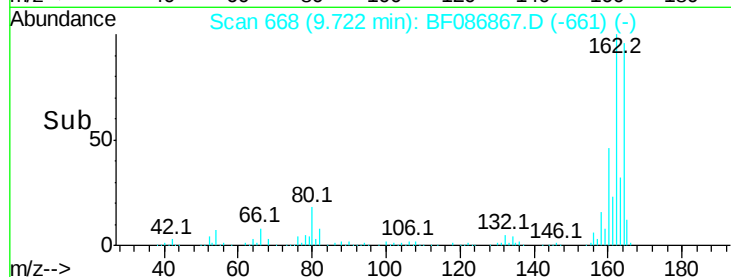
#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.22 min
 Lab File: BF086867.D
 Acq: 10 May 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BL

Tot Ion:165 Resp: 37816
 Ion Ratio Lower Upper
 165 100
 63 1.8 44.3 66.5#
 89 1.8 70.0 105.0#
 182 0.0 1.8 2.6#

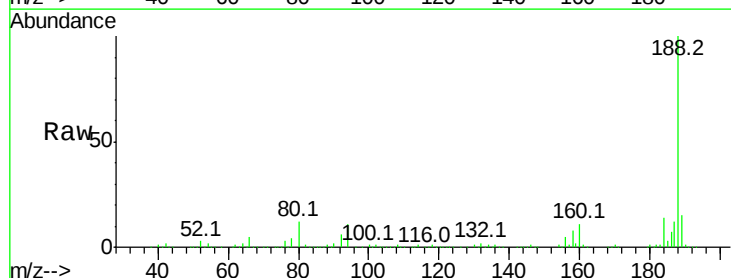


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

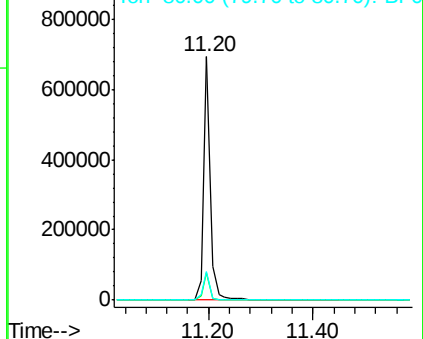
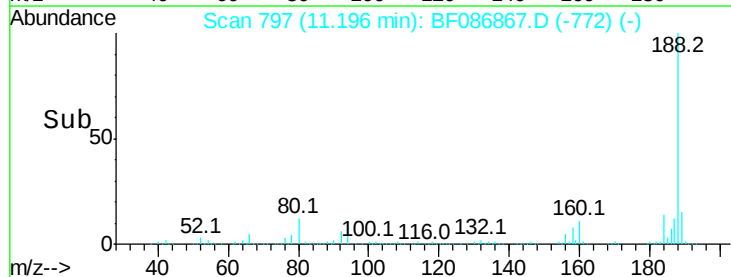


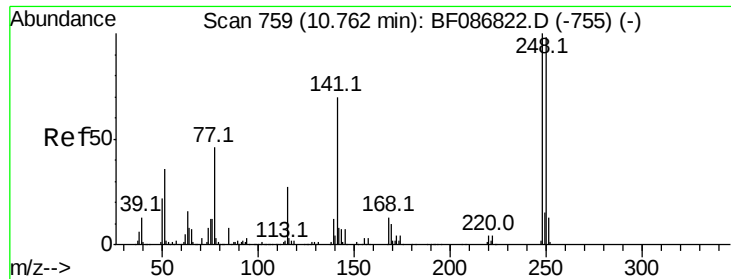
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF086867.D
 Acq: 10 May 2016 18:44

Tgt Ion:188 Resp: 615287
 Ion Ratio Lower Upper
 188 100
 94 11.0 6.8 10.2#
 80 11.5 7.1 10.7#



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

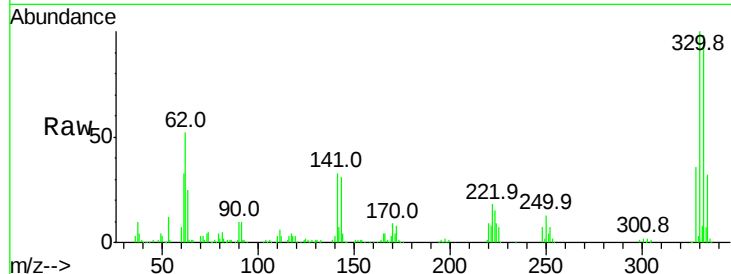




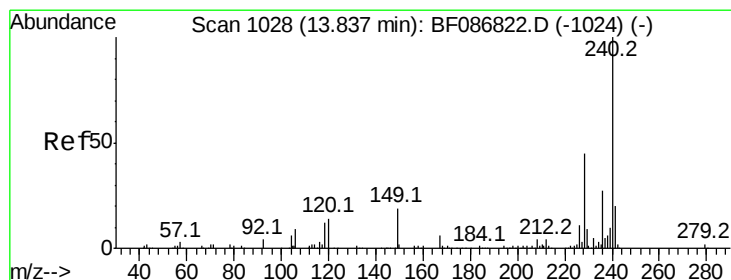
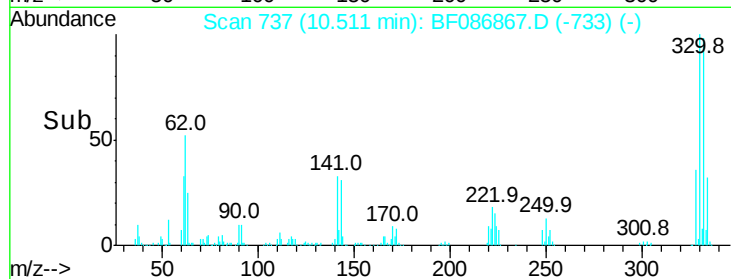
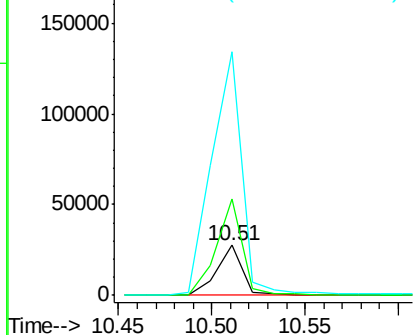
#66
 4-Bromophenyl-phenylether
 Concen: 4.21 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.25 min
 Lab File: BF086867.D
 Acq: 10 May 2016 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB90456BL

Tot Ion:248 Resp: 26290
 Ion Ratio Lower Upper
 248 100
 250 192.1 78.6 117.8#
 141 487.9 76.0 114.0#

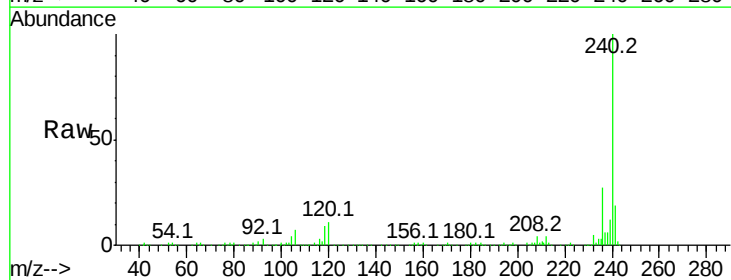


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

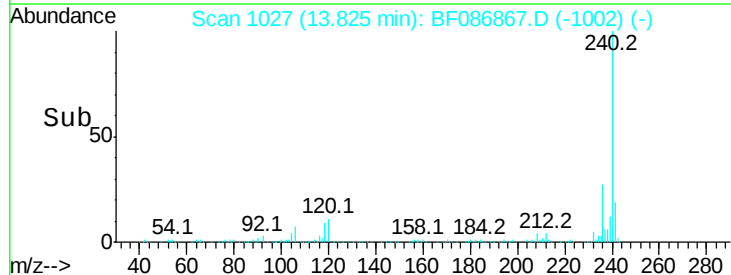
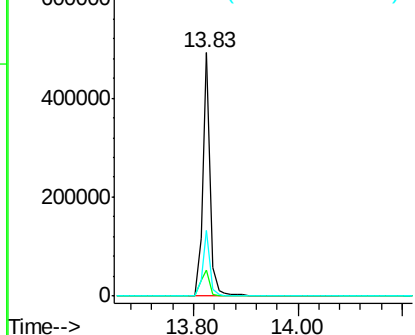


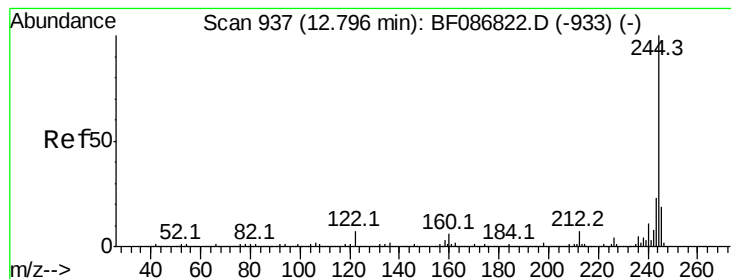
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF086867.D
 Acq: 10 May 2016 18:44

Tgt Ion:240 Resp: 483457
 Ion Ratio Lower Upper
 240 100
 120 10.7 11.2 16.8#
 236 26.8 21.2 31.8



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: 70.60 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086867.D

Acq: 10 May 2016 18:44

Instrument :

BNA_F

ClientSampleId :

PB90456BL

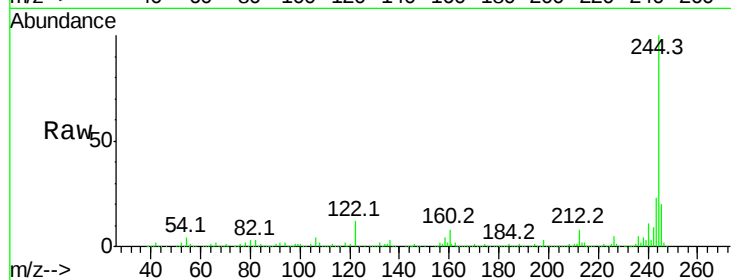
Tot Ion:244 Resp: 1608728

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

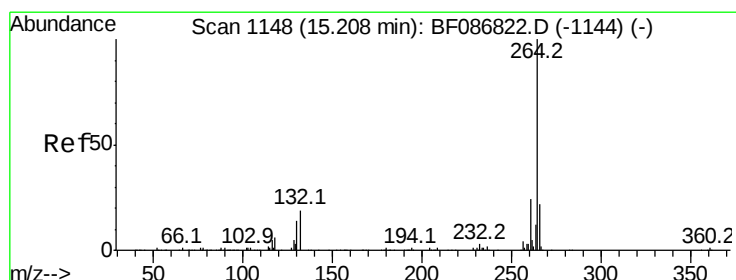
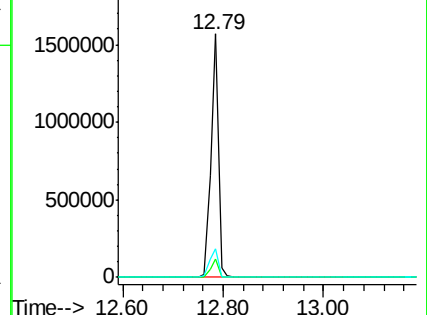
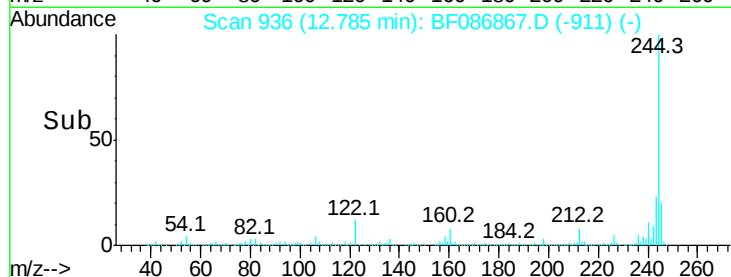
122 11.5 12.0 18.0#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.20 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF086867.D

Acq: 10 May 2016 18:44

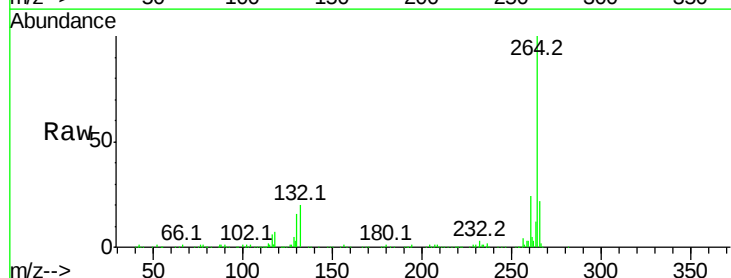
Tgt Ion:264 Resp: 382571

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 22.1 17.3 25.9



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

