

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050616\
 Data File : BF086728.D
 Acq On : 6 May 2016 17:11
 Operator : UM/SJ
 Sample : PB90268BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 07 03:24:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 03:18:38 2016
 Response via : Initial Calibration

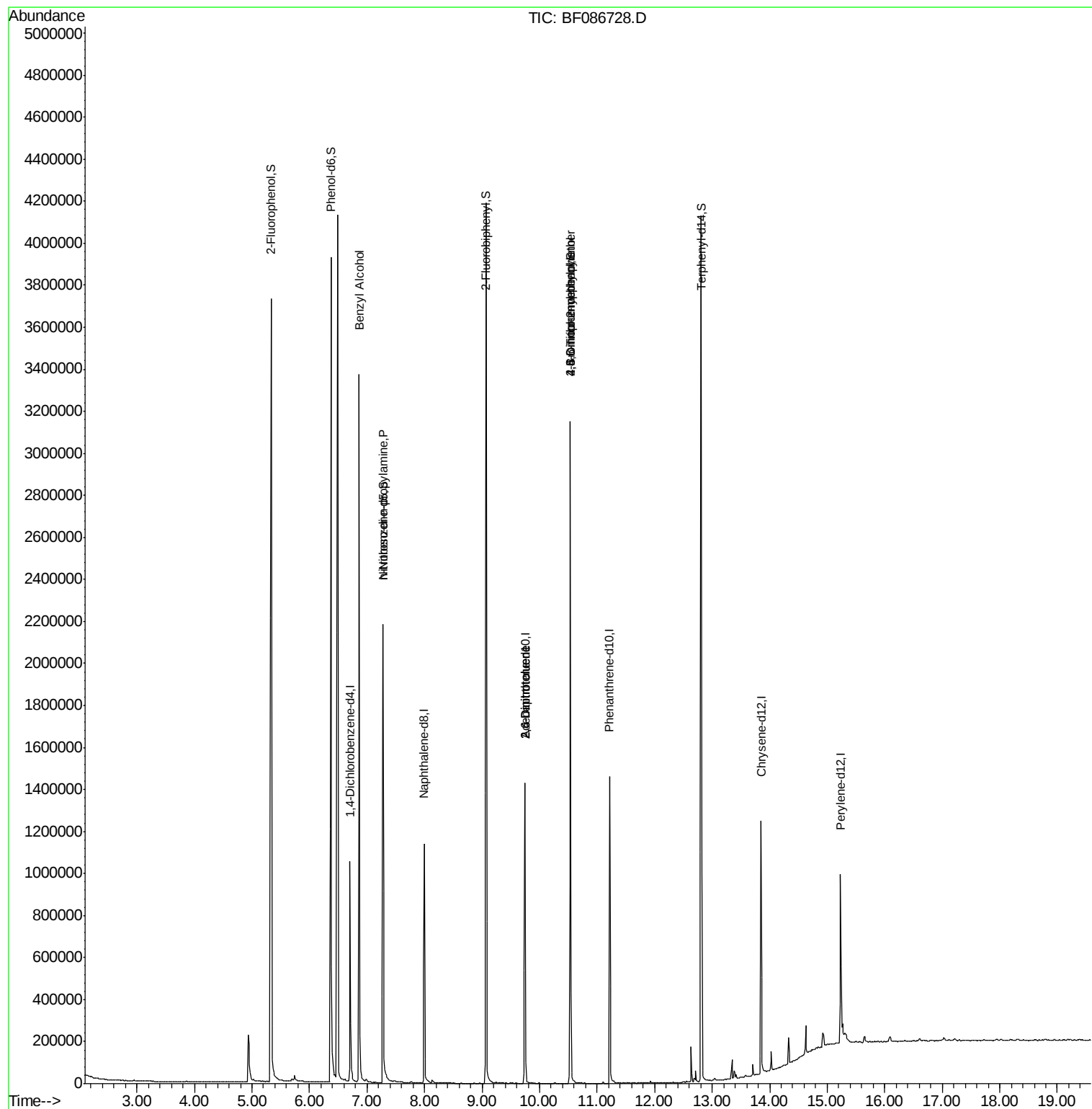
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	148792	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	620252	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	306472	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	569600	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	454210	40.00	ng	-0.01
86) Perylene-d12	15.23	264	356717	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1106660	123.13	ng	0.01
7) Phenol-d6	6.37	99	1264087	104.41	ng	-0.01
23) Nitrobenzene-d5	7.28	82	827470	68.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	339454	113.23	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1426007	76.27	ng	-0.01
78) Terphenyl-d14	12.81	244	1340982	59.67	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.86	79	17133	2.19	ng	# 38
19) n-Nitroso-di-n-propylamine	7.28	70	113026	13.66	ng	# 71
50) 2,6-Dinitrotoluene	9.74	165	38762	7.91	ng	# 20
56) 2,4-Dinitrotoluene	9.74	165	38764	6.38	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.53	198	730	5.50	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	21878	3.87	ng	# 1

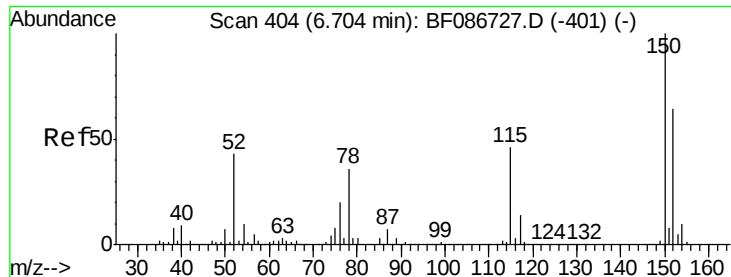
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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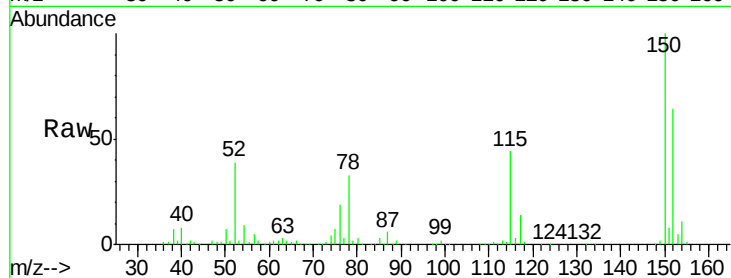


#1

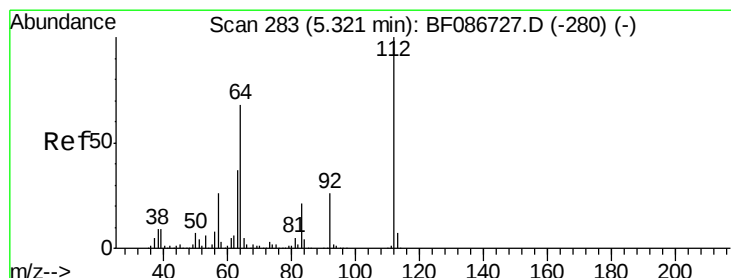
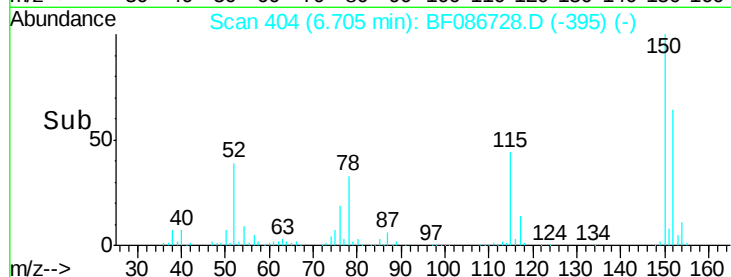
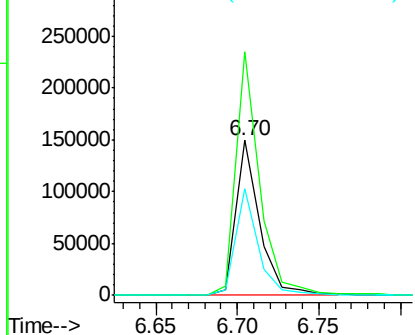
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086728.D
Acq: 6 May 2016 17:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 148792
Ion Ratio Lower Upper
152 100
150 157.4 125.8 188.6
115 68.8 51.5 77.3



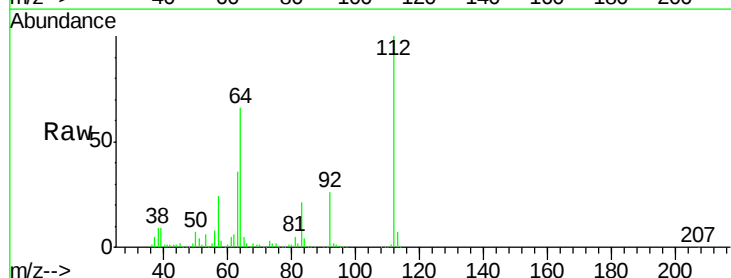
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



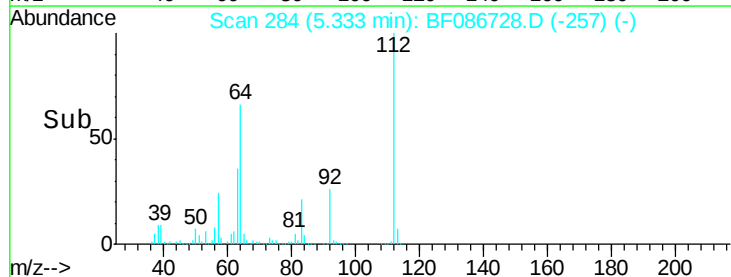
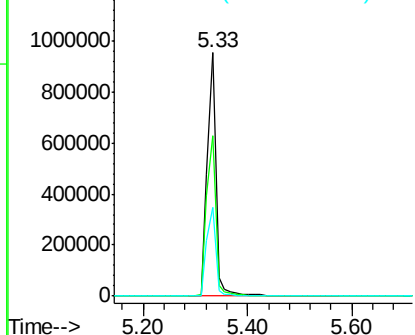
#5

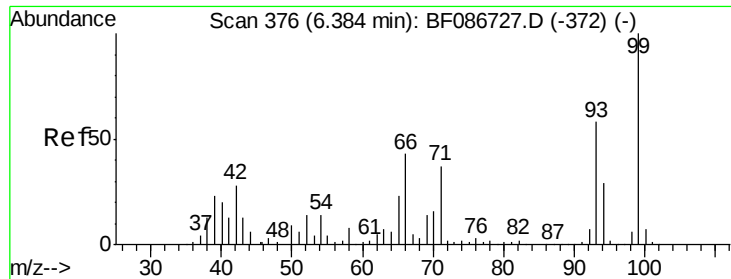
2-Fluorophenol
Concen: 123.13 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.01 min
Lab File: BF086728.D
Acq: 6 May 2016 17:11

Tgt Ion:112 Resp: 1106660
Ion Ratio Lower Upper
112 100
64 65.7 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: 104.41 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF086728.D

Acq: 6 May 2016 17:11

Instrument :

BNA_F

ClientSampleId :

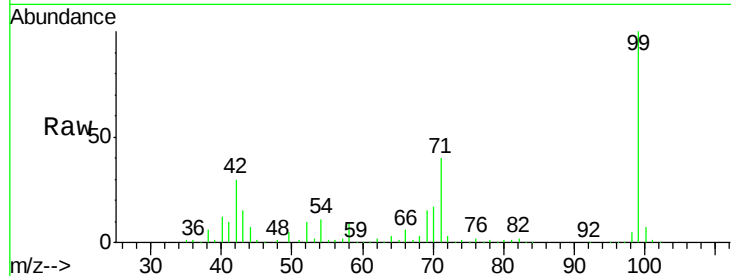
Tot Ion: 99 Resp: 1264087

Ion Ratio Lower Upper

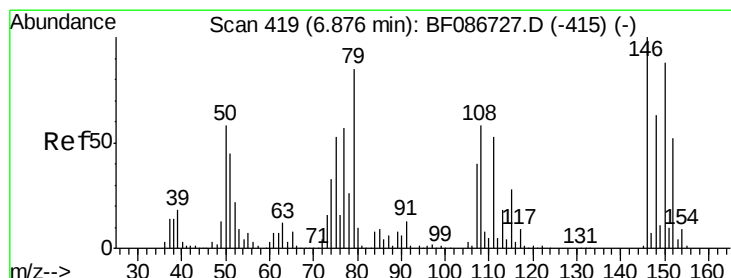
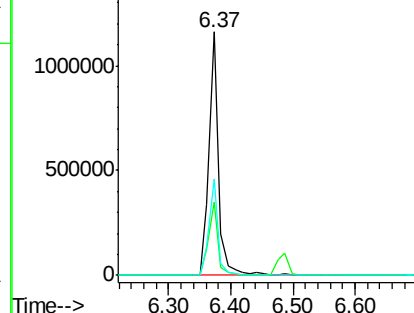
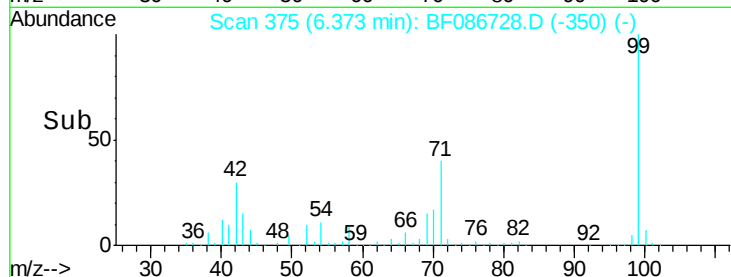
99 100

42 30.4 13.6 20.4#

71 39.6 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: 2.19 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF086728.D

Acq: 6 May 2016 17:11

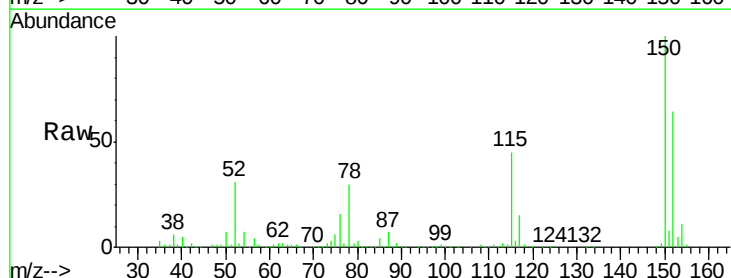
Tgt Ion: 79 Resp: 17133

Ion Ratio Lower Upper

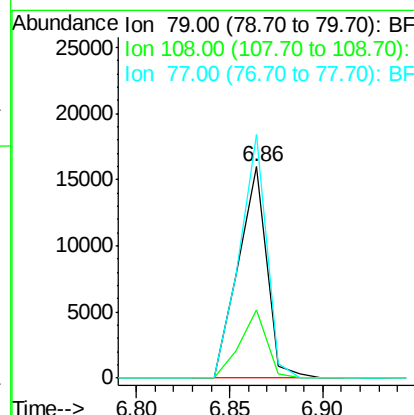
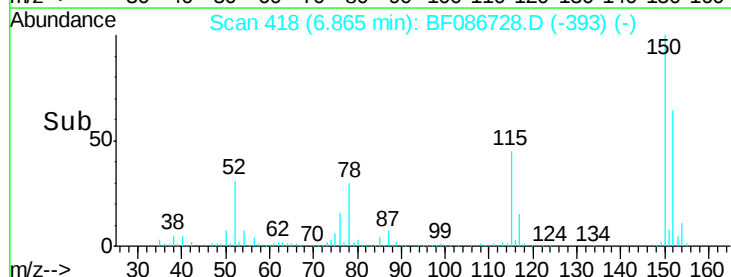
79 100

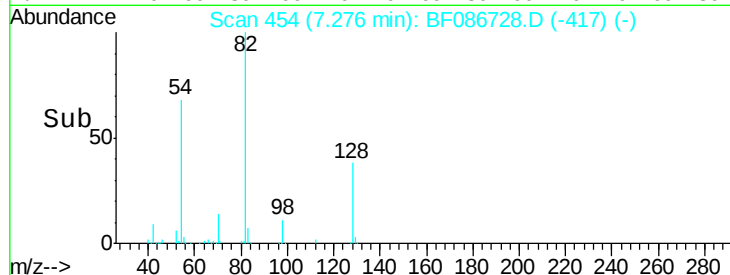
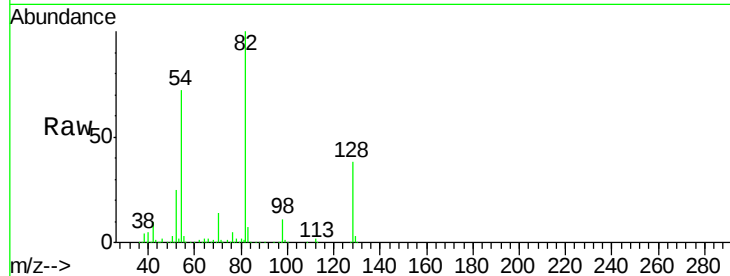
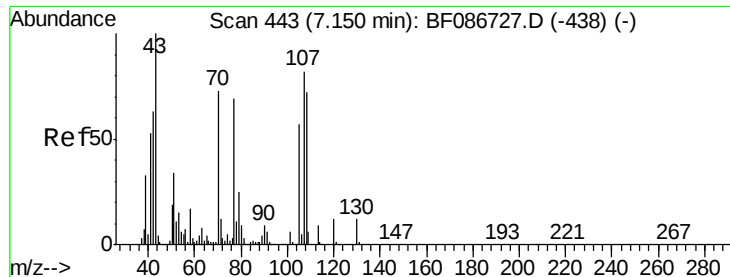
108 32.6 68.4 102.6#

77 115.2 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

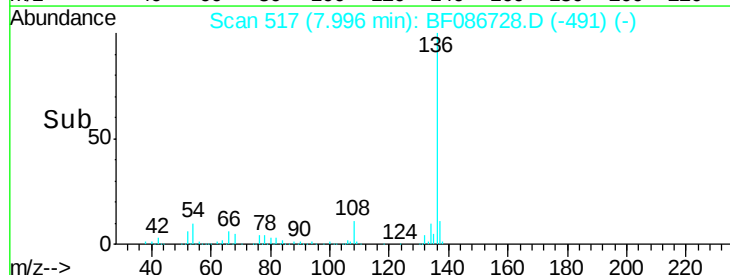
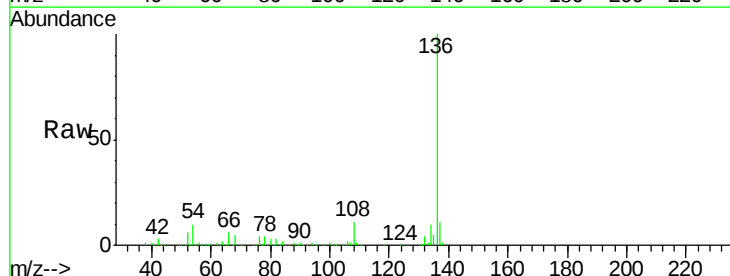
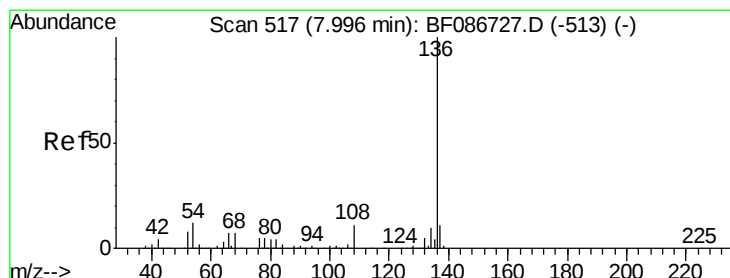
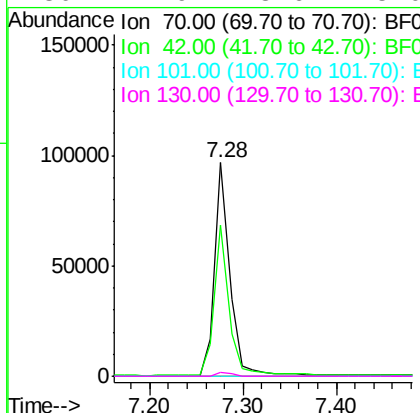




#19
n-Nitroso-di-n-propylamine
Concen: 13.66 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF086728.D
Acq: 6 May 2016 17:11

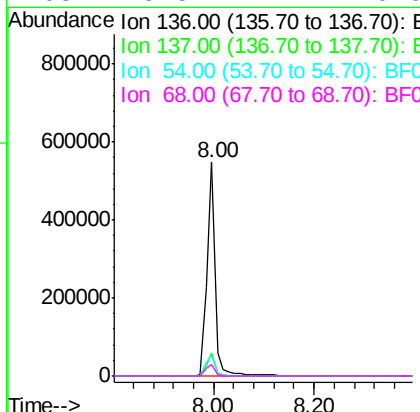
Instrument :
BNA_F
ClientSampleId :

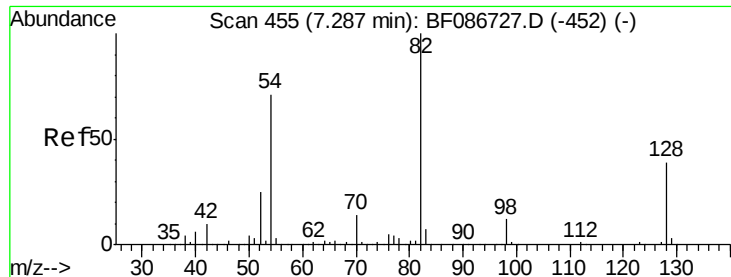
Tot Ion: 70 Resp: 113026
Ion Ratio Lower Upper
70 100
42 70.7 43.1 64.7#
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086728.D
Acq: 6 May 2016 17:11

Tgt Ion: 136 Resp: 620252
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.9 5.0 7.4#
68 5.5 4.4 6.6

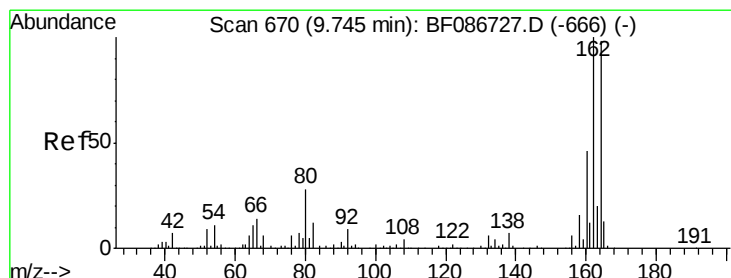
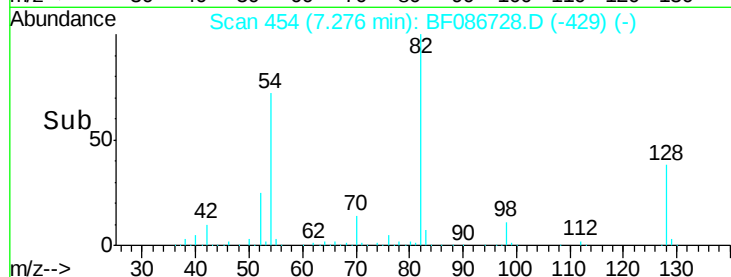
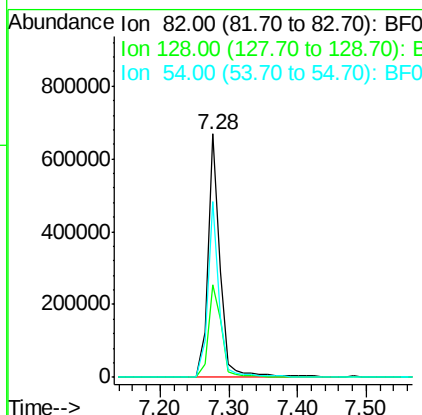
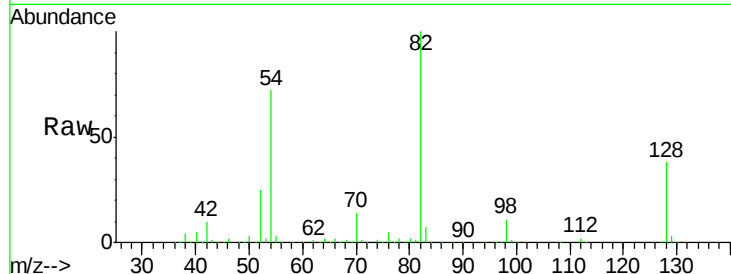




#23
 Nitrobenzene-d5
 Concen: 68.56 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086728.D
 Acq: 6 May 2016 17:11

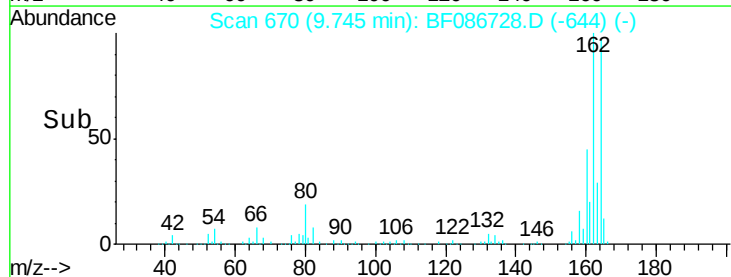
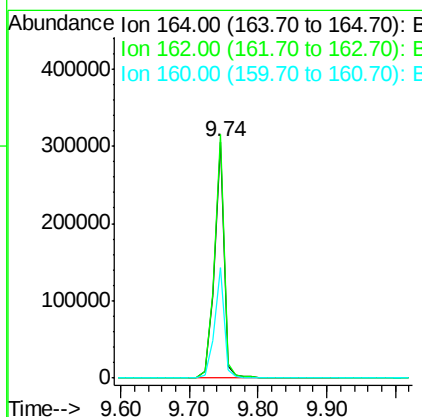
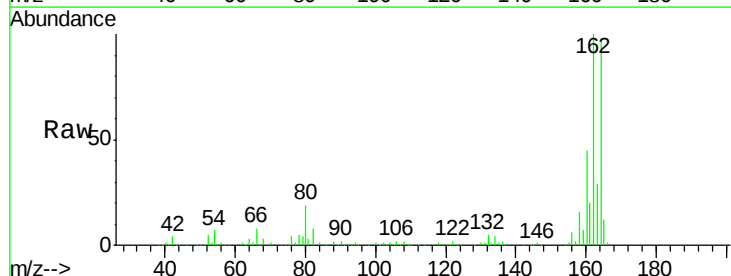
Instrument :
 BNA_F
 ClientSampleId :

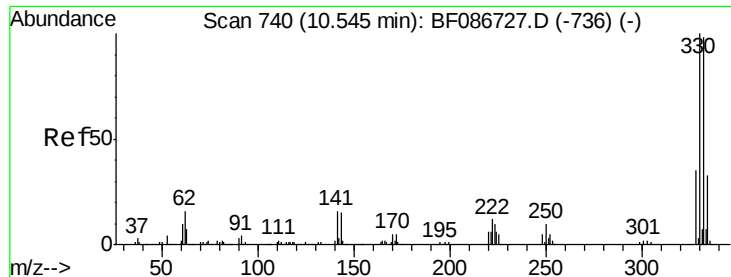
Tot Ion: 82 Resp: 827470
 Ion Ratio Lower Upper
 82 100
 128 37.9 40.6 61.0#
 54 72.2 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF086728.D
 Acq: 6 May 2016 17:11

Tgt Ion:164 Resp: 306472
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.8 124.2
 160 46.6 36.9 55.3

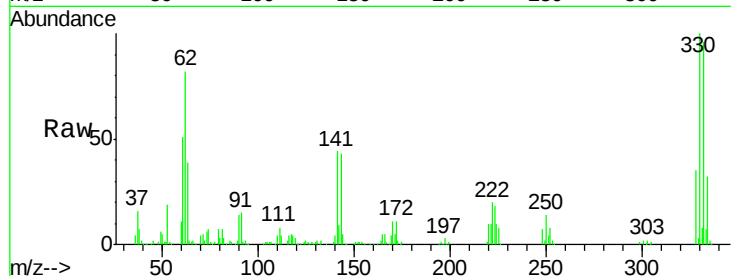




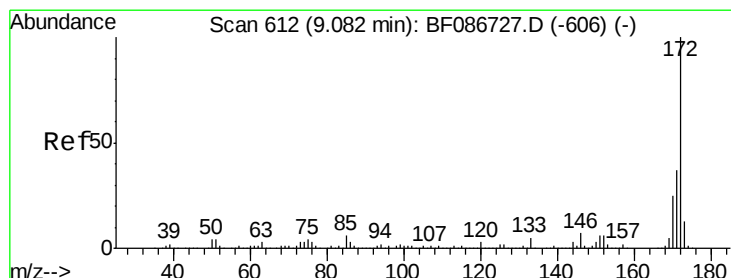
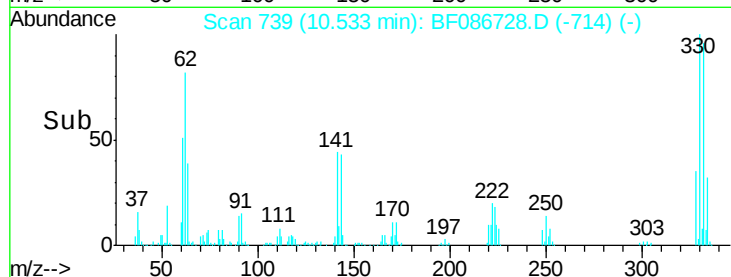
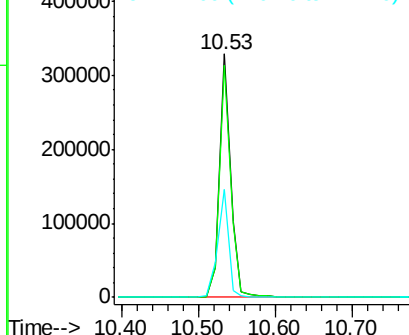
#41
 2,4,6-Tribromophenol
 Concen: 113.23 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF086728.D
 Acq: 6 May 2016 17:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	42.4	31.2	46.8

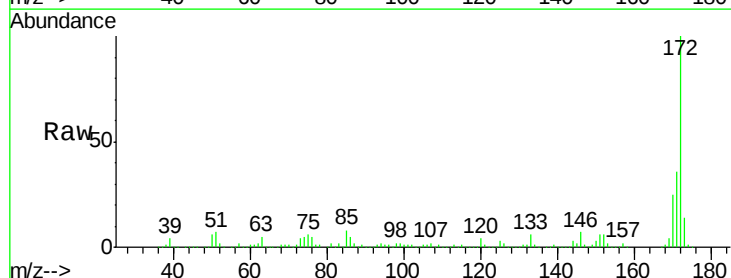


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

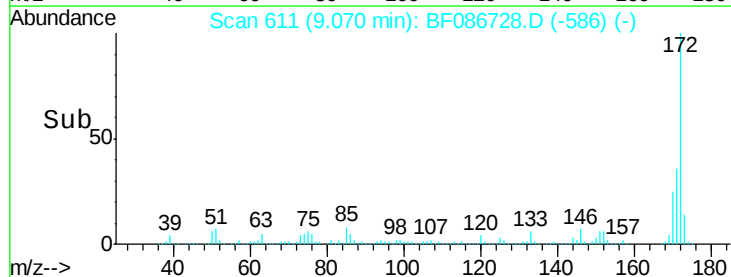
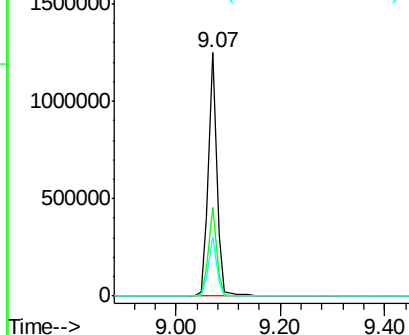


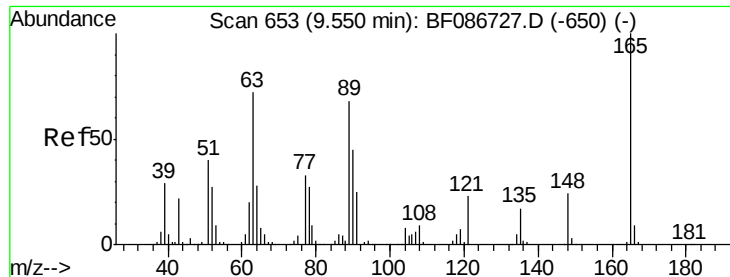
#44
 2-Fluorobiphenyl
 Concen: 76.27 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086728.D
 Acq: 6 May 2016 17:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.6	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

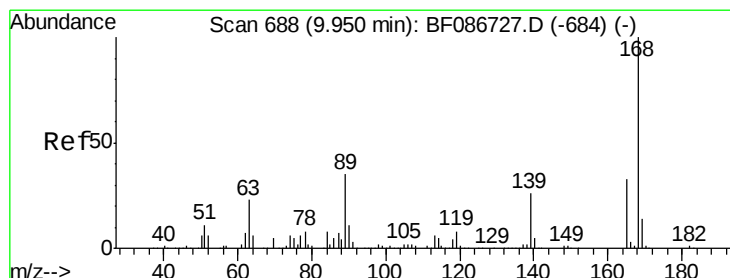
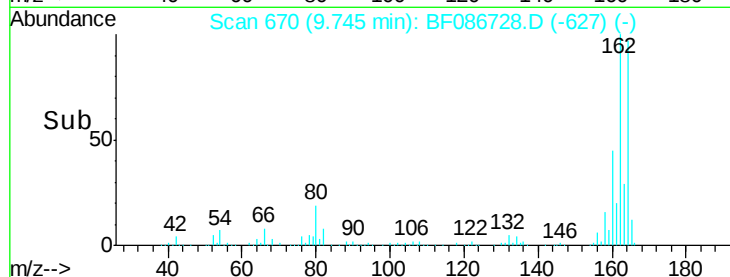
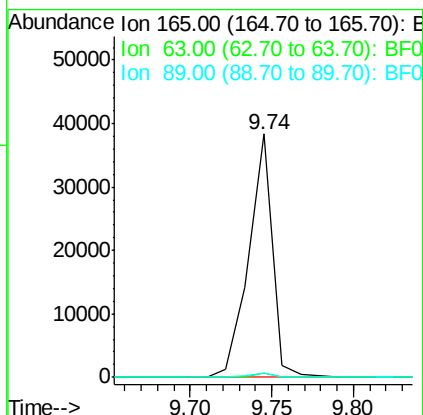
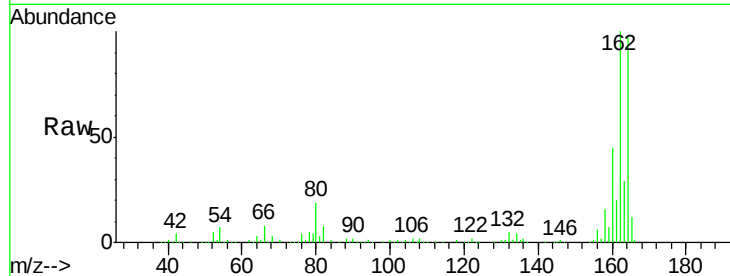




#50
2,6-Dinitrotoluene
Concen: 7.91 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.19 min
Lab File: BF086728.D
Acq: 6 May 2016 17:11

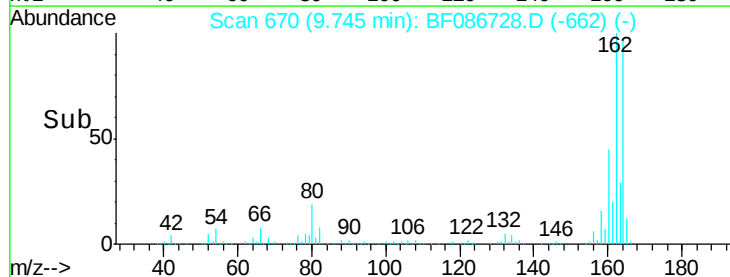
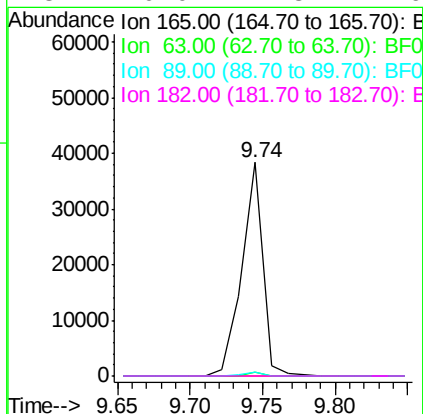
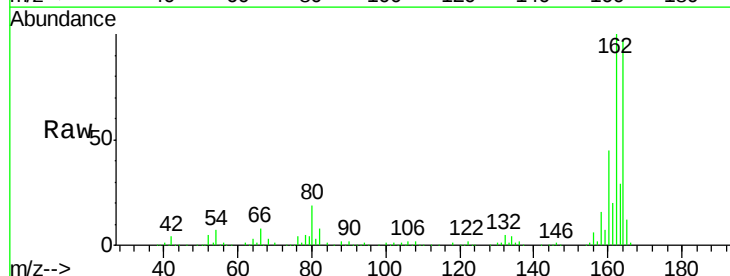
Instrument :
BNA_F
ClientSampleId :

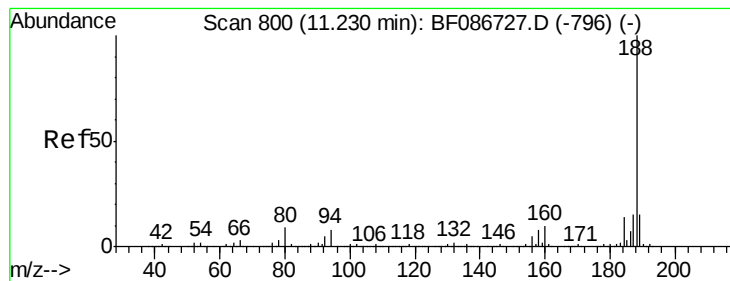
Tot Ion:165 Resp: 38762
Ion Ratio Lower Upper
165 100
63 1.7 51.8 77.8#
89 1.7 50.7 76.1#



#56
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.21 min
Lab File: BF086728.D
Acq: 6 May 2016 17:11

Tgt Ion:165 Resp: 38764
Ion Ratio Lower Upper
165 100
63 1.7 44.3 66.5#
89 1.7 70.0 105.0#
182 0.0 1.8 2.6#





#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF086728.D

Acq: 6 May 2016 17:11

Instrument :

BNA_F

ClientSampleId :

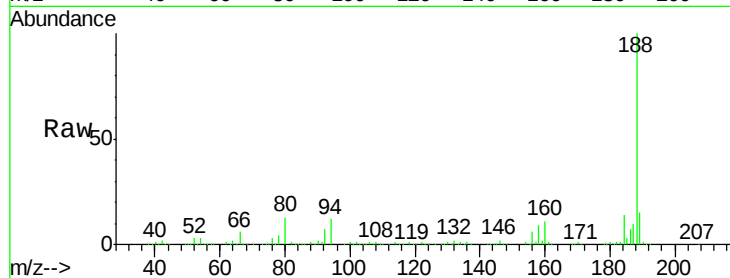
Tot Ion:188 Resp: 569600

Ion Ratio Lower Upper

188 100

94 11.7 6.8 10.2#

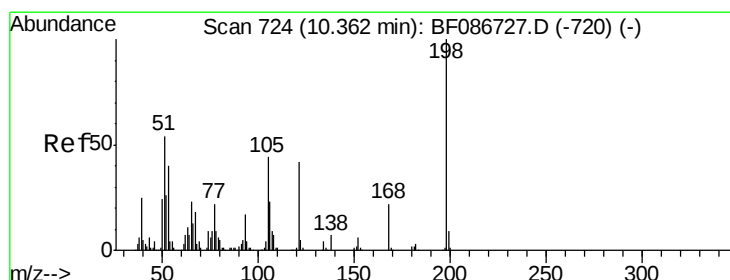
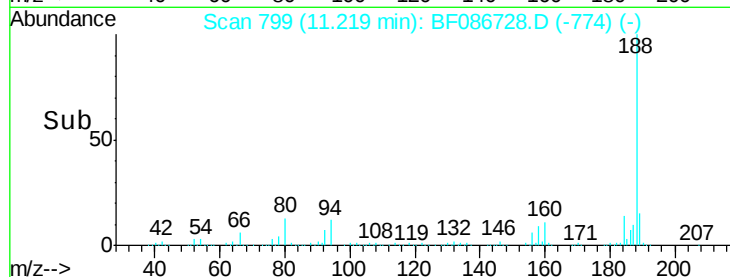
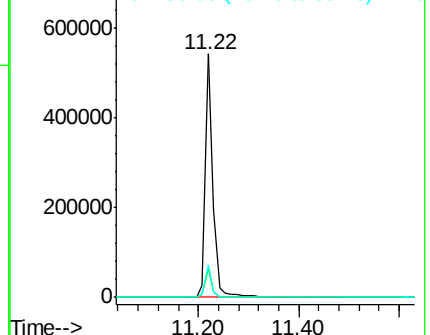
80 13.2 7.1 10.7#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.50 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.17 min

Lab File: BF086728.D

Acq: 6 May 2016 17:11

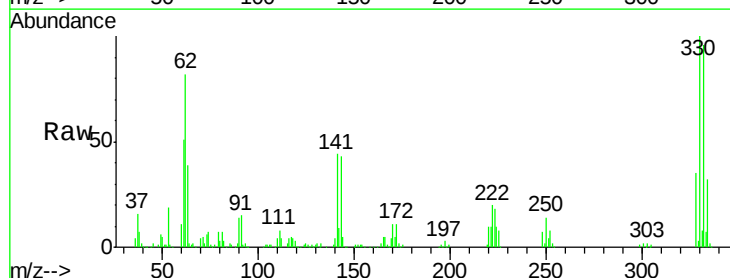
Tgt Ion:198 Resp: 730

Ion Ratio Lower Upper

198 100

51 250.9 20.5 60.5#

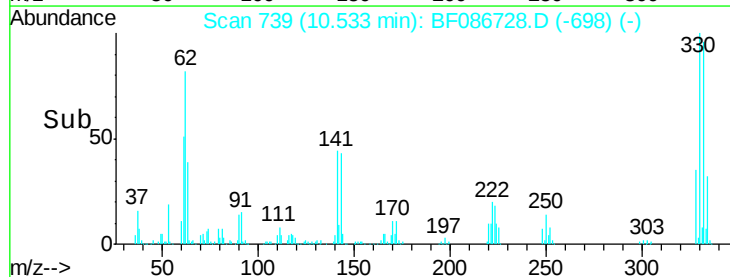
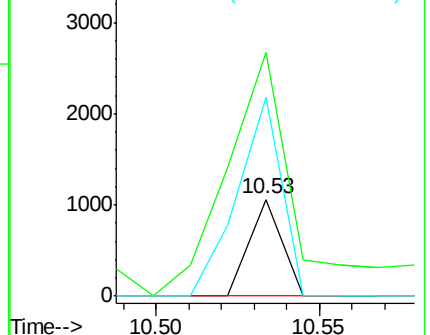
105 204.9 24.5 64.5#

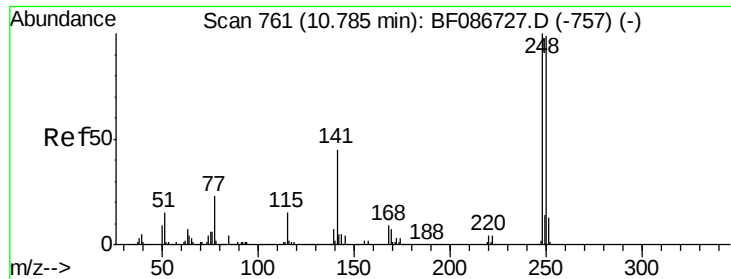


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

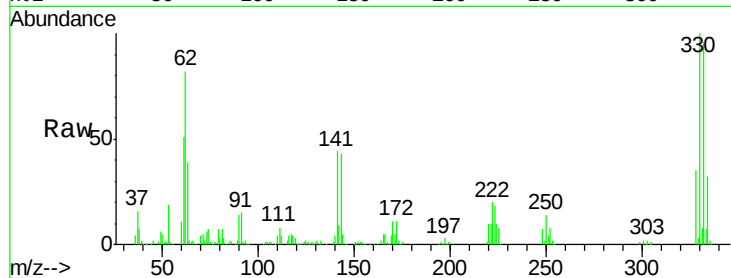




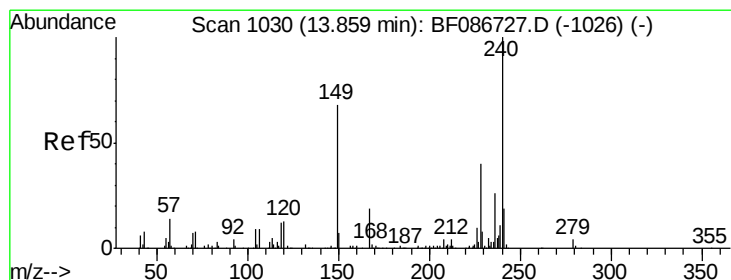
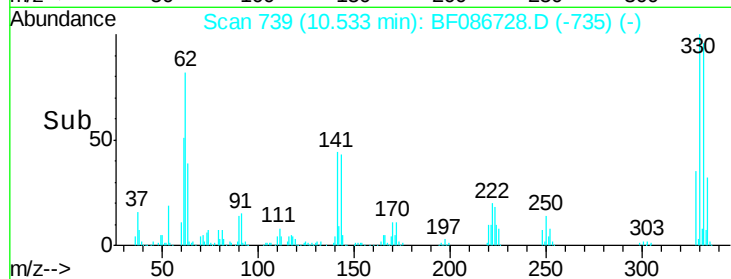
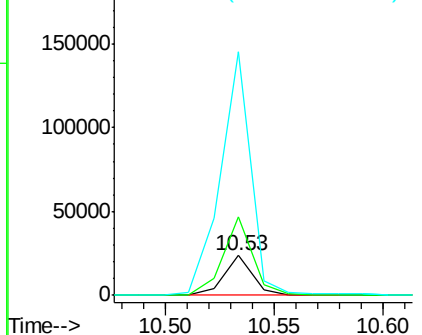
#66
4-Bromophenyl-phenylether
Concen: 3.87 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.25 min
Lab File: BF086728.D
Acq: 6 May 2016 17:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 21878
Ion Ratio Lower Upper
248 100
250 197.1 78.6 117.8#
141 611.6 76.0 114.0#

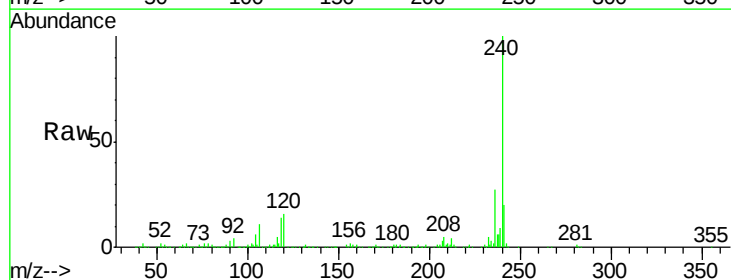


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

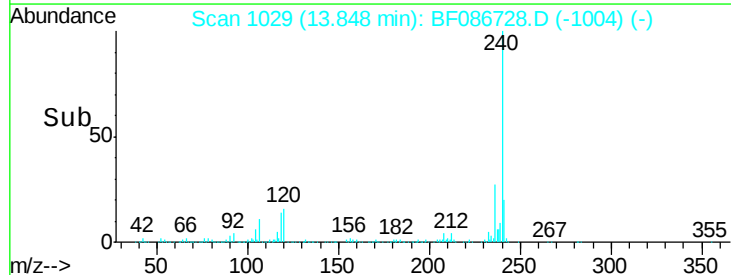
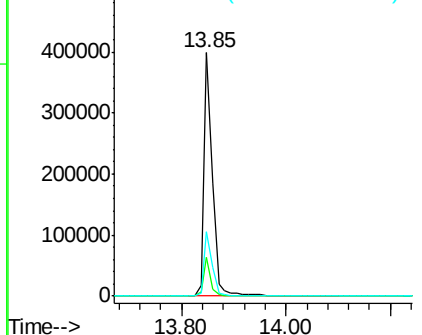


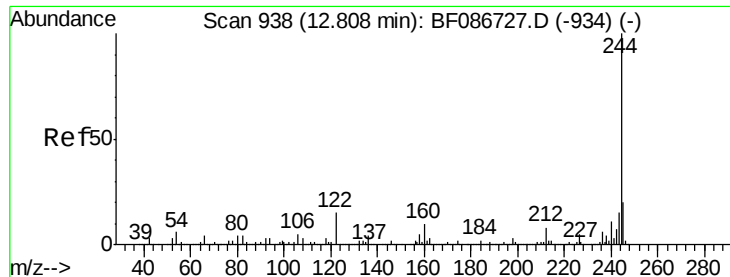
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF086728.D
Acq: 6 May 2016 17:11

Tgt Ion:240 Resp: 454210
Ion Ratio Lower Upper
240 100
120 15.9 11.2 16.8
236 26.5 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: 59.67 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086728.D

Acq: 6 May 2016 17:11

Instrument :

BNA_F

ClientSampleId :

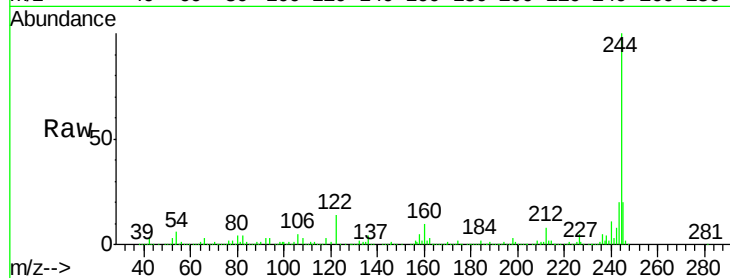
Tot Ion:244 Resp: 1340982

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

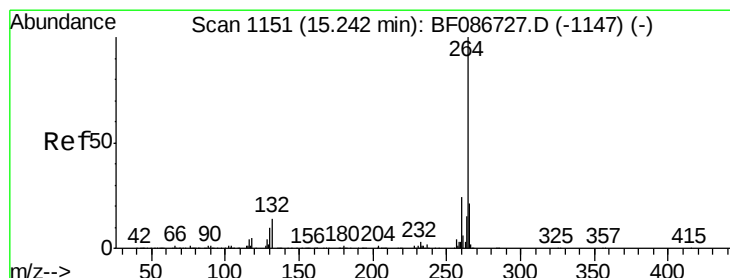
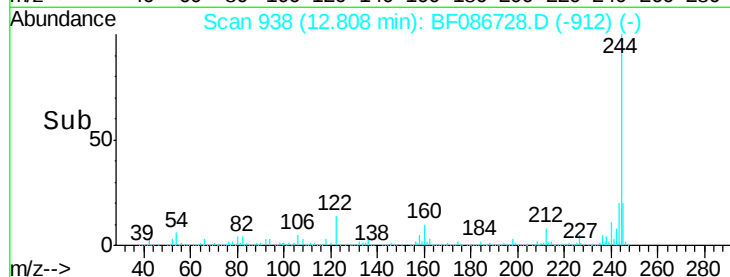
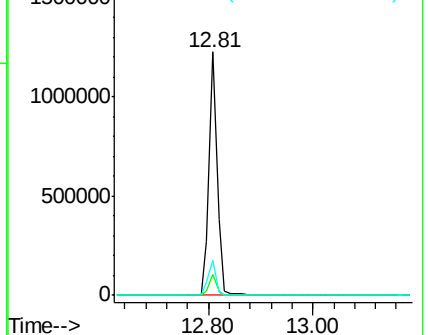
122 14.3 12.0 18.0



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: 40.00 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF086728.D

Acq: 6 May 2016 17:11

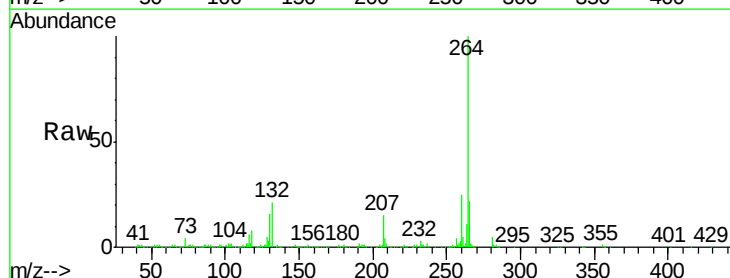
Tgt Ion:264 Resp: 356717

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 22.0 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

