

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF086027.D
 Acq On : 2 Apr 2016 22:33
 Operator : UM/SJ
 Sample : PB89347TB
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89347TB

Quant Time: Apr 04 01:10:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

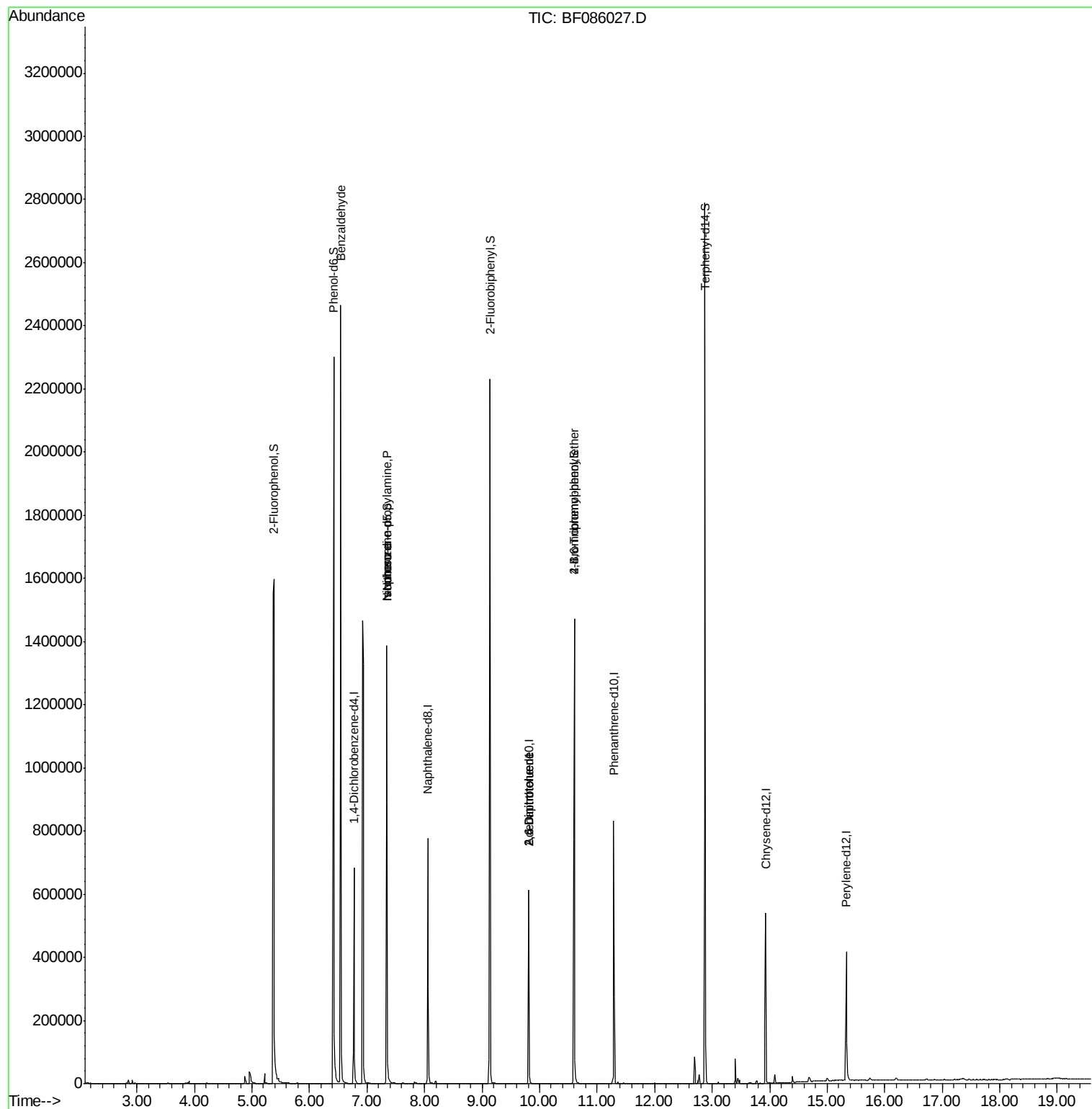
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	102894	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	399061	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	168561	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	319574	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	200852	20.00	ng	0.00
86) Perylene-d12	15.33	264	186773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	766000	127.25	ng	0.01
7) Phenol-d6	6.42	99	940250	122.97	ng	0.00
23) Nitrobenzene-d5	7.34	82	599512	88.59	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	220835	139.58	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1015329	100.15	ng	0.00
78) Terphenyl-d14	12.88	244	860645	100.73	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	17663	4.29	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.34	70	76577	16.16	ng	# 74
25) Isophorone	7.34	82	598236	44.79	ng	# 68
50) 2,6-Dinitrotoluene	9.81	165	21115	7.99	ng	# 18
56) 2,4-Dinitrotoluene	9.81	165	21115	6.32	ng	# 37
66) 4-Bromophenyl-phenylether	10.60	248	14121	4.33	ng	# 1

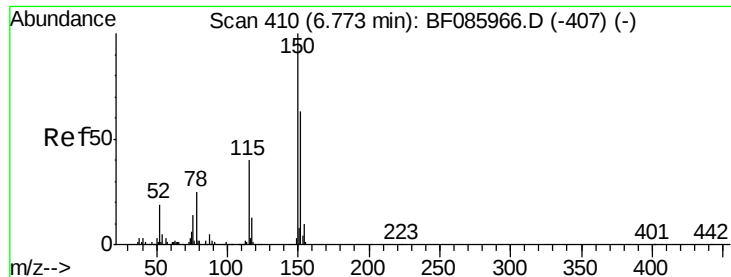
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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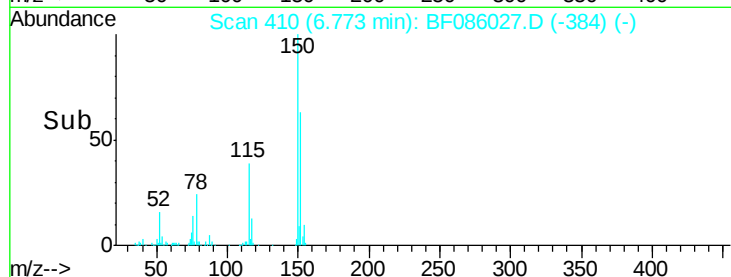
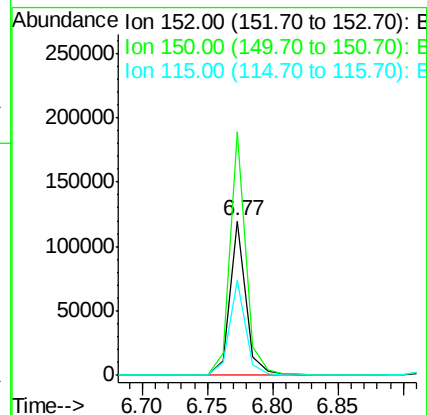
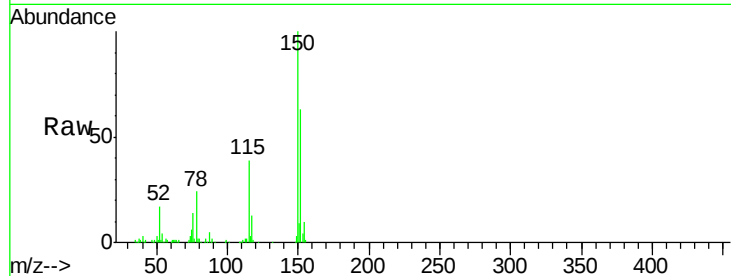


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF086027.D
Acq: 2 Apr 2016 22:33

Instrument :
BNA_F
ClientSampleId :
PB89347TB

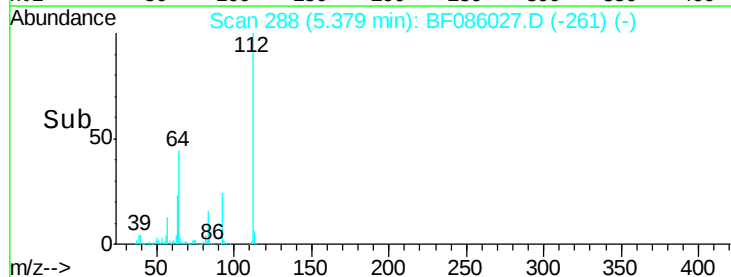
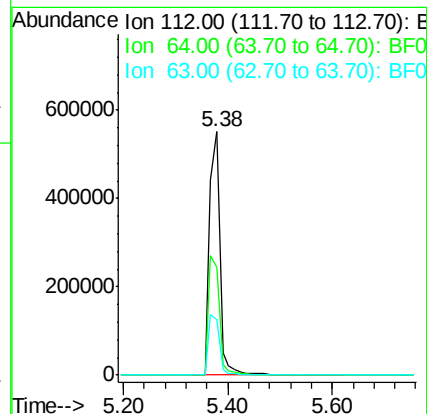
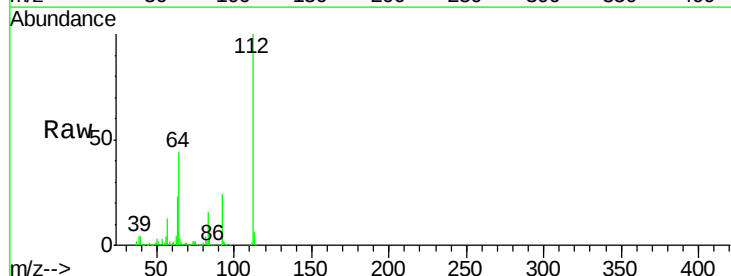
Tgt Ion:152 Resp: 102894
Ion Ratio Lower Upper
152 100
150 157.6 124.2 186.2
115 61.8 47.0 70.6



#5

2-Fluorophenol
Concen: 127.25 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF086027.D
Acq: 2 Apr 2016 22:33

Tgt Ion:112 Resp: 766000
Ion Ratio Lower Upper
112 100
64 44.3 39.9 59.9
63 22.9 20.2 30.2





#7

Phenol-d6

Concen: 122.97 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086027.D

Acq: 2 Apr 2016 22:33

Instrument :

BNA_F

ClientSampleId :

PB89347TB

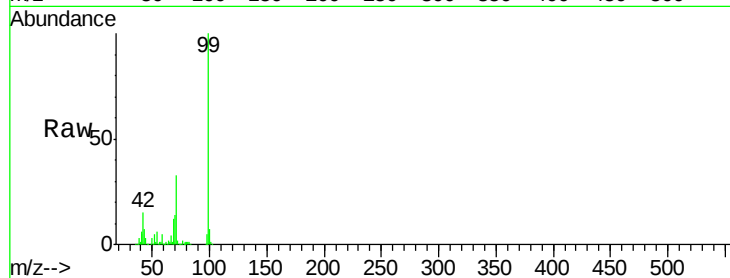
Tgt Ion: 99 Resp: 940250

Ion Ratio Lower Upper

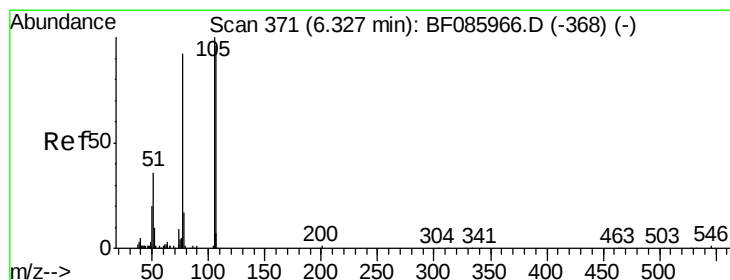
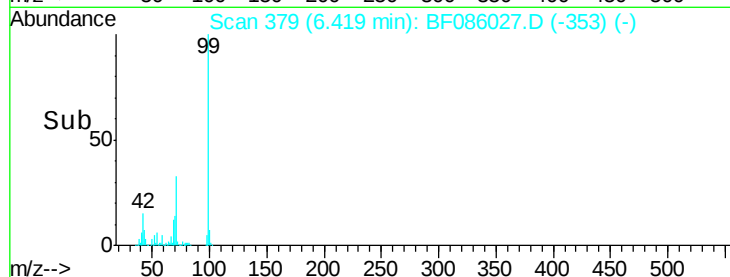
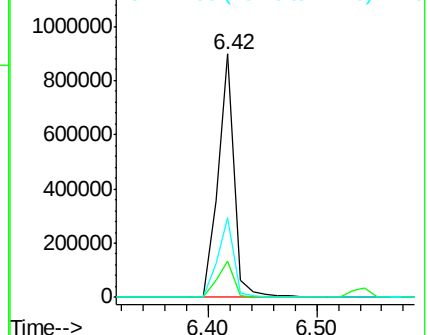
99 100

42 14.6 11.1 16.7

71 32.9 24.9 37.3



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



#9

Benzaldehyde

Concen: 4.29 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF086027.D

Acq: 2 Apr 2016 22:33

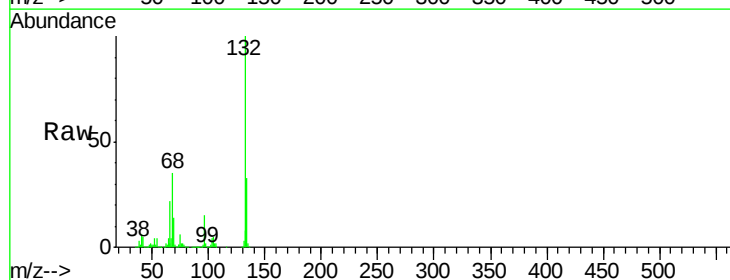
Tgt Ion: 77 Resp: 17663

Ion Ratio Lower Upper

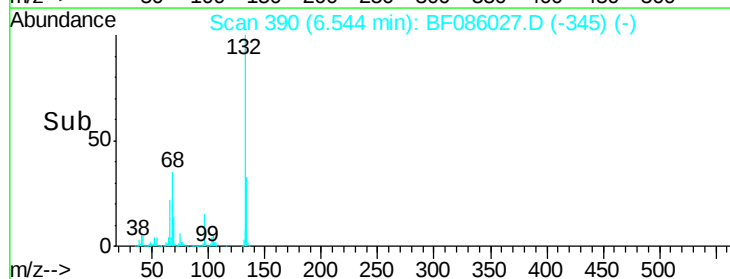
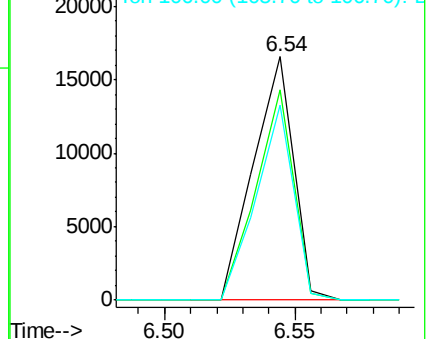
77 100

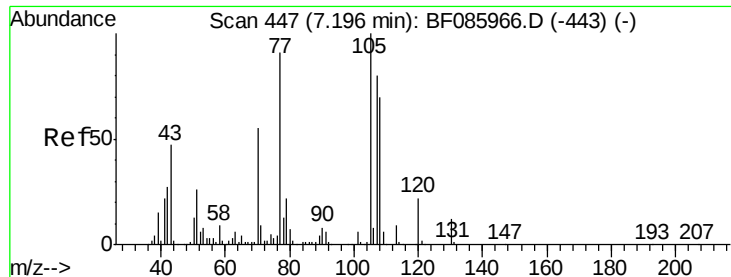
105 86.4 80.1 120.1

106 80.1 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

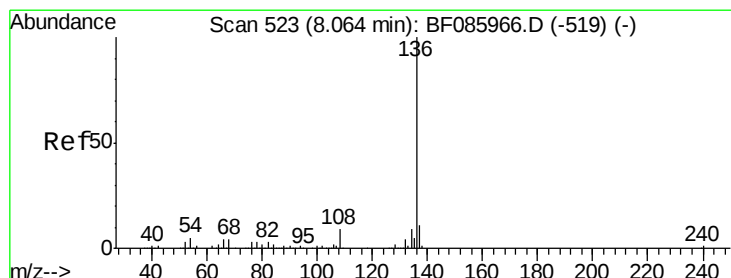
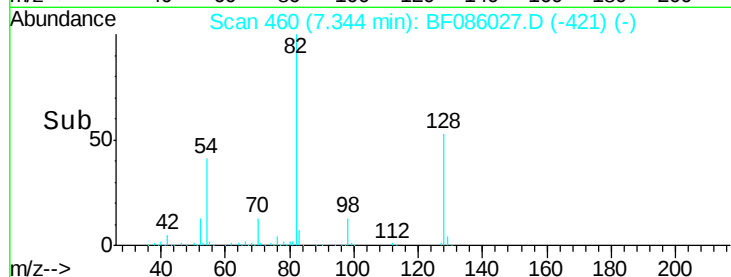
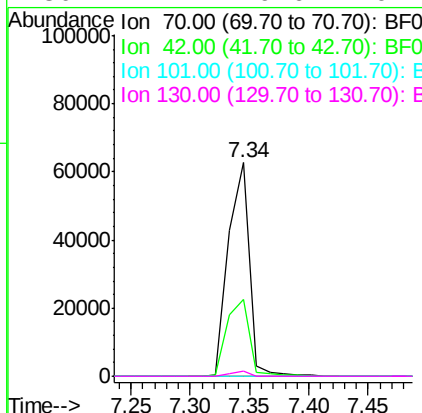
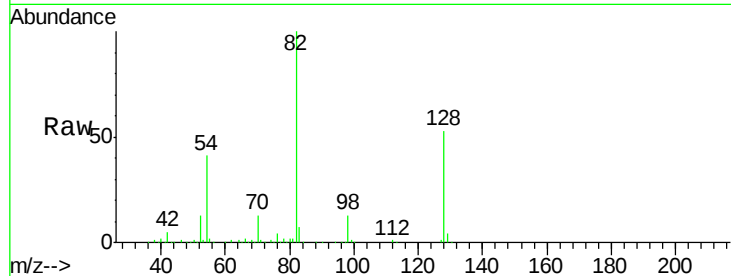




#19
 n-Nitroso-di-n-propylamine
 Concen: 16.16 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.15 min
 Lab File: BF086027.D
 Acq: 2 Apr 2016 22:33

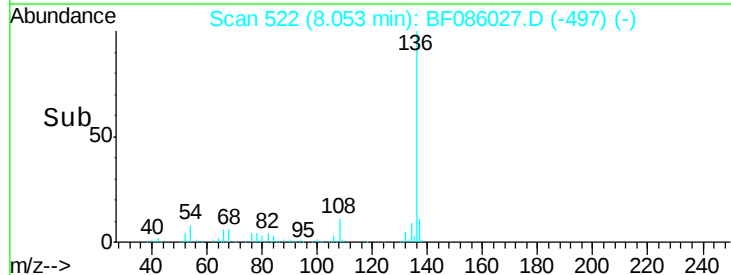
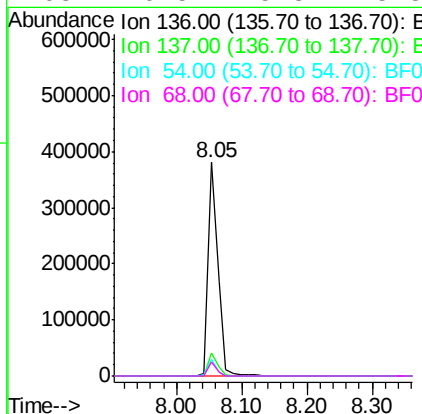
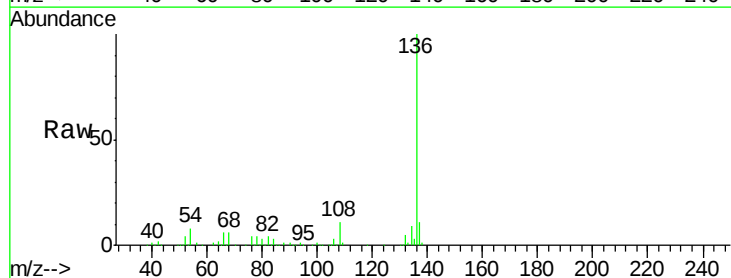
Instrument :
 BNA_F
 ClientSampleId :
 PB89347TB

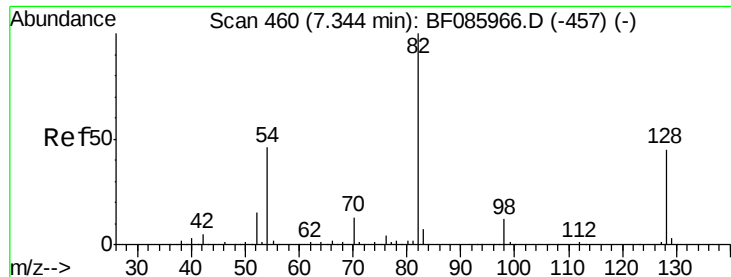
Tgt Ion: 70 Resp: 76577
 Ion Ratio Lower Upper
 70 100
 42 36.0 37.1 55.7#
 101 0.0 8.6 12.8#
 130 2.4 19.6 29.4#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF086027.D
 Acq: 2 Apr 2016 22:33

Tgt Ion: 136 Resp: 399061
 Ion Ratio Lower Upper
 136 100
 137 10.9 9.1 13.7
 54 8.0 7.4 11.0
 68 6.5 5.8 8.8

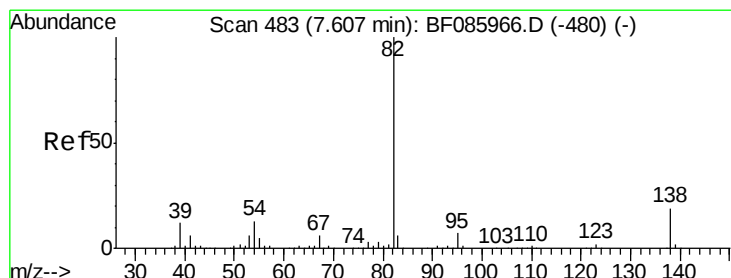
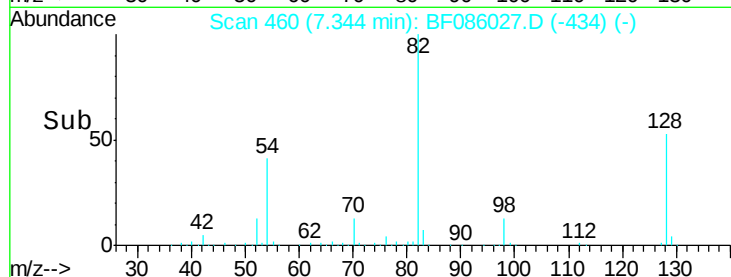
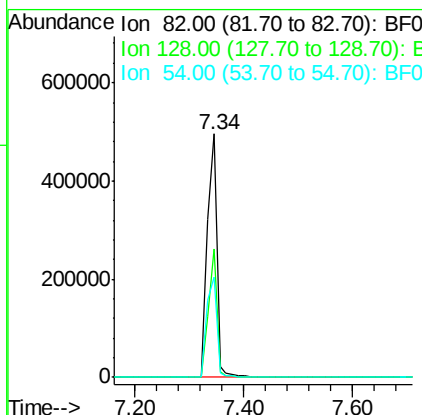
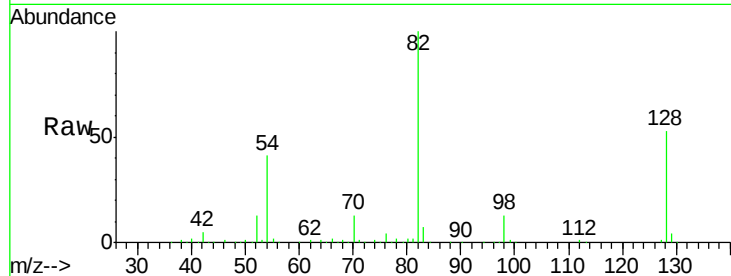




#23
Nitrobenzene-d5
Concen: 88.59 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF086027.D
Acq: 2 Apr 2016 22:33

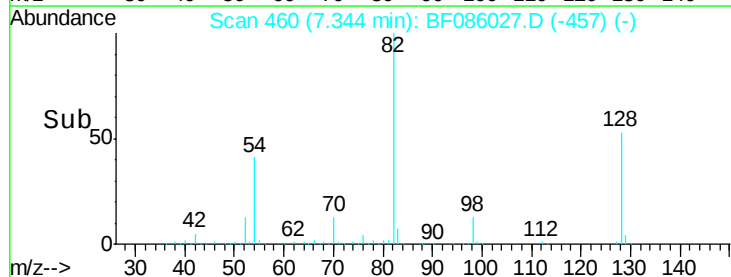
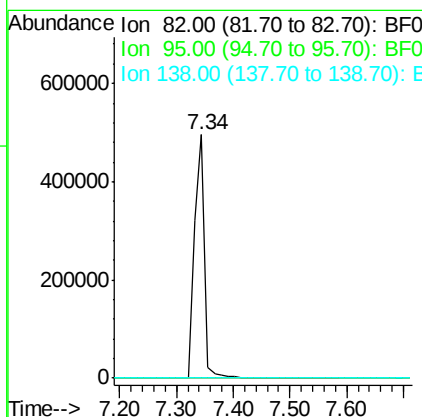
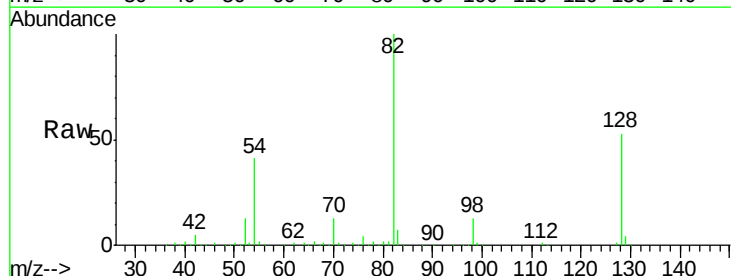
Instrument :
BNA_F
ClientSampleId :
PB89347TB

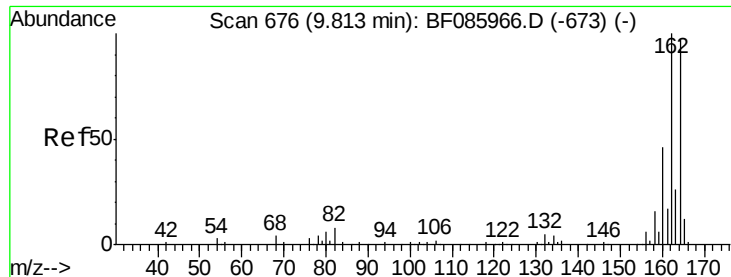
Tgt Ion: 82 Resp: 599512
Ion Ratio Lower Upper
82 100
128 52.5 41.8 62.8
54 41.2 33.4 50.0



#25
Isophorone
Concen: 44.79 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.26 min
Lab File: BF086027.D
Acq: 2 Apr 2016 22:33

Tgt Ion: 82 Resp: 598236
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 12.9 19.3#

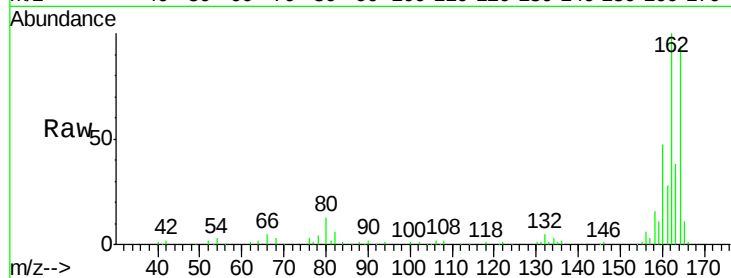




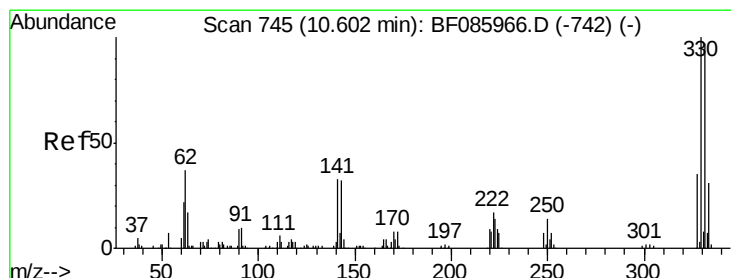
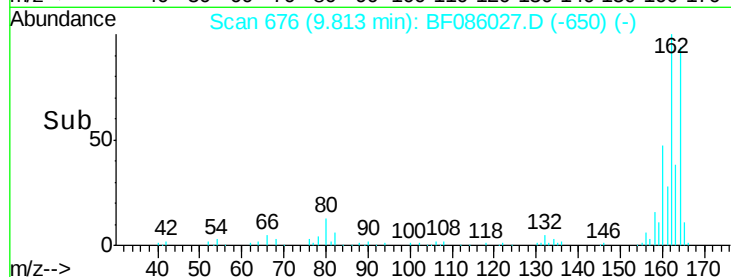
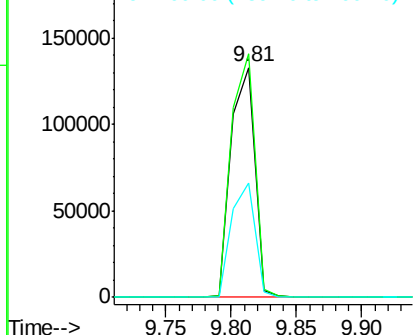
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF086027.D
 Acq: 2 Apr 2016 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PB89347TB

Tgt Ion:164 Resp: 168561
 Ion Ratio Lower Upper
 164 100
 162 106.1 82.1 123.1
 160 50.0 37.4 56.2

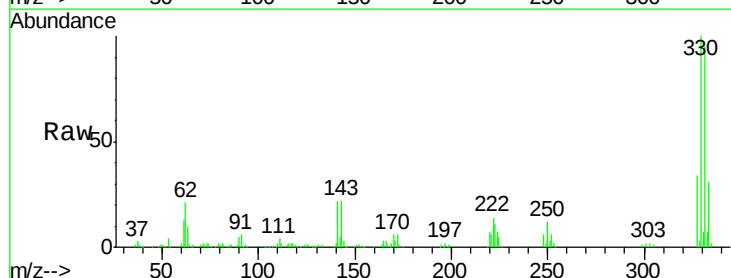


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

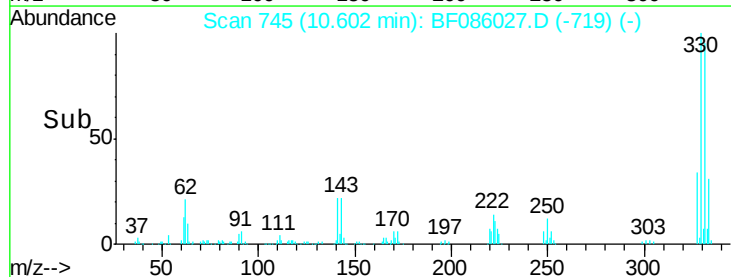
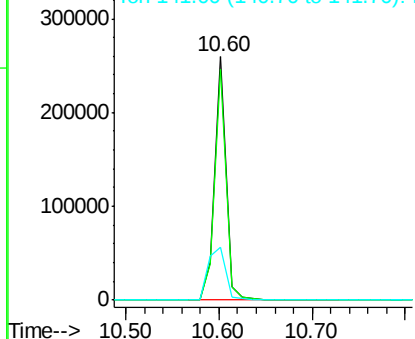


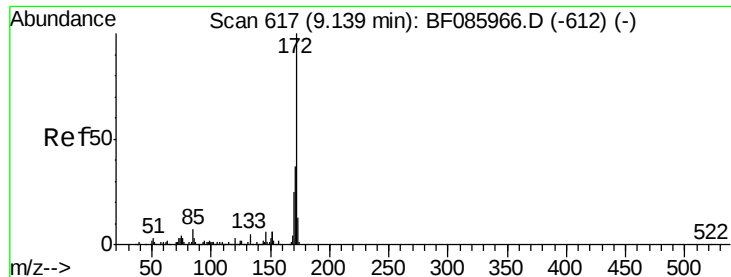
#41
 2,4,6-Tribromophenol
 Concen: 139.58 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086027.D
 Acq: 2 Apr 2016 22:33

Tgt Ion:330 Resp: 220835
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.2 117.2
 141 34.3 31.5 47.3



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: 100.15 ng

RT: 9.14 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF086027.D

Acq: 2 Apr 2016 22:33

Instrument :

BNA_F

ClientSampled :

PB89347TB

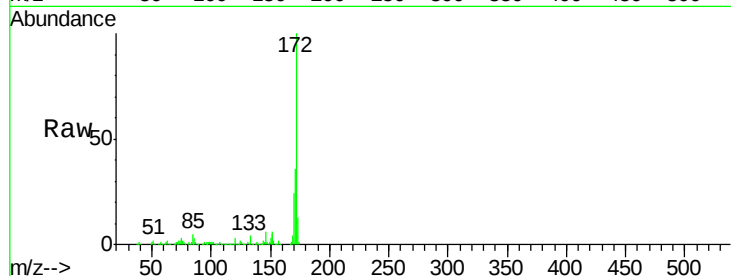
Tgt Ion:172 Resp: 1015329

Ion Ratio Lower Upper

172 100

171 35.7 29.4 44.2

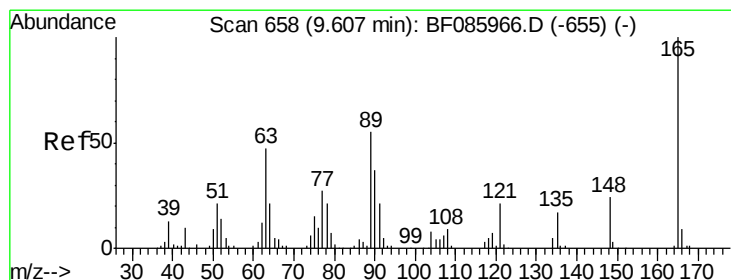
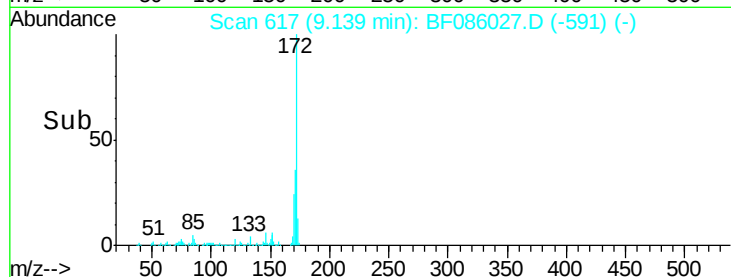
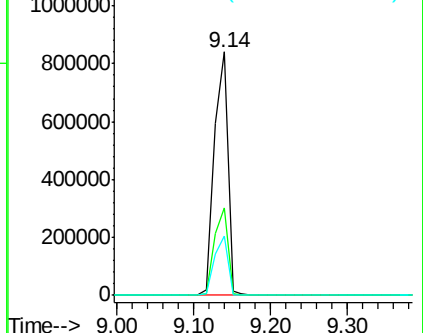
170 24.1 19.8 29.6



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: 7.99 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.21 min

Lab File: BF086027.D

Acq: 2 Apr 2016 22:33

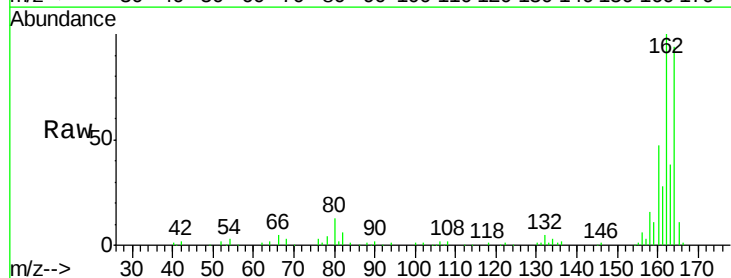
Tgt Ion:165 Resp: 21115

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.8#

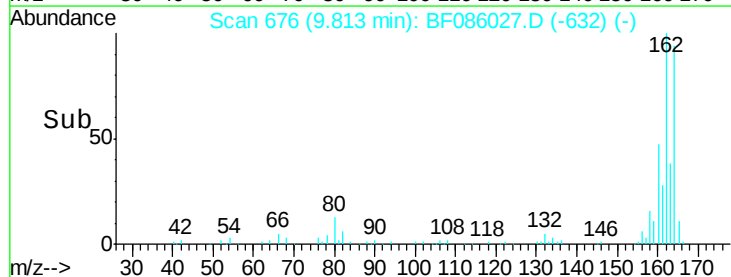
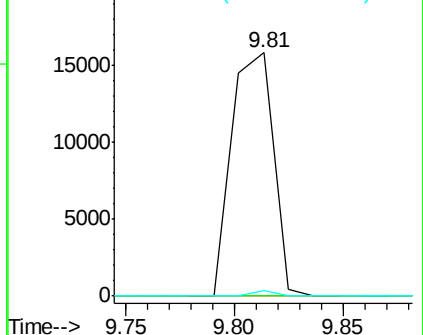
89 2.2 53.7 80.5#

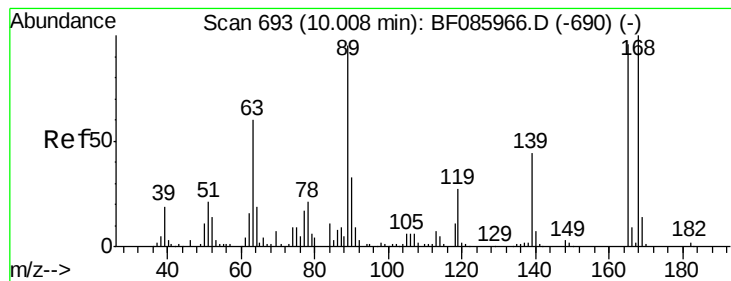


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

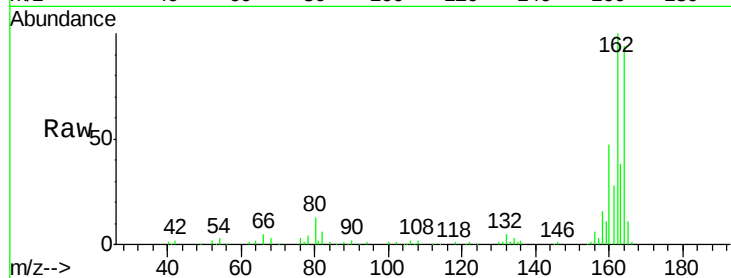




#56
 2,4-Dinitrotoluene
 Concen: 6.32 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.19 min
 Lab File: BF086027.D
 Acq: 2 Apr 2016 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PB89347TB

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	2.2	41.0	61.6#
182	0.0	2.1	3.1#

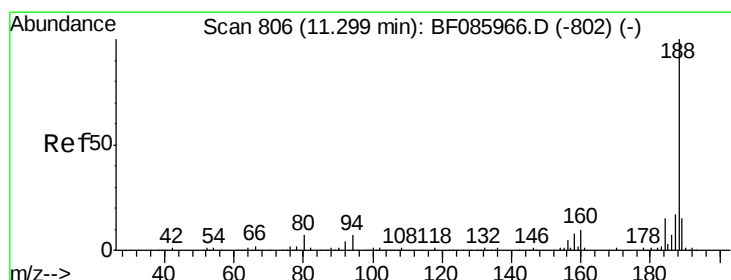
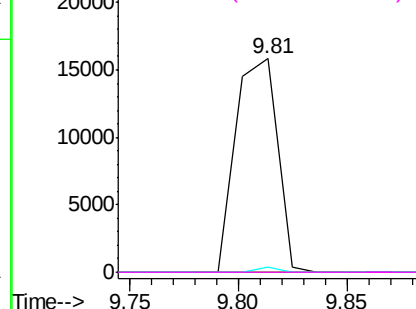
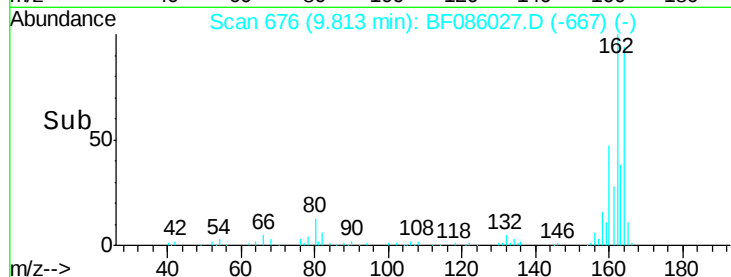


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

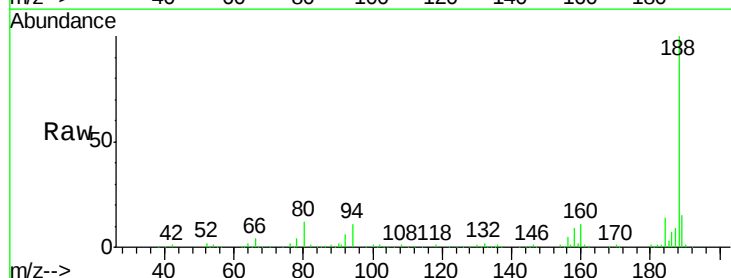
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF086027.D
 Acq: 2 Apr 2016 22:33

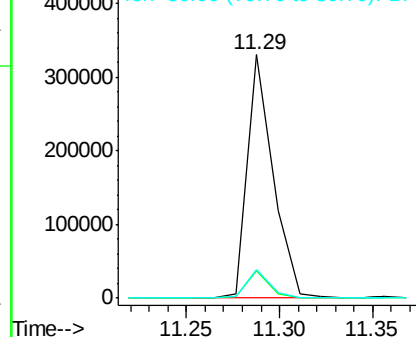
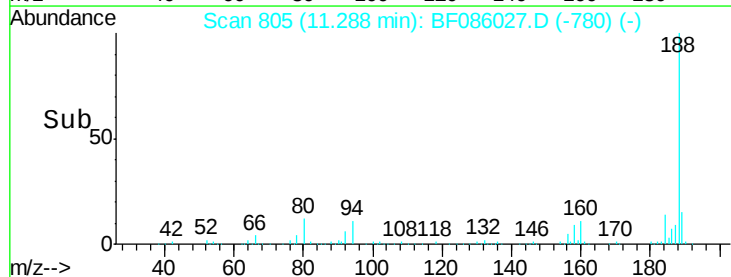
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	5.4	8.0#
80	11.9	5.5	8.3#

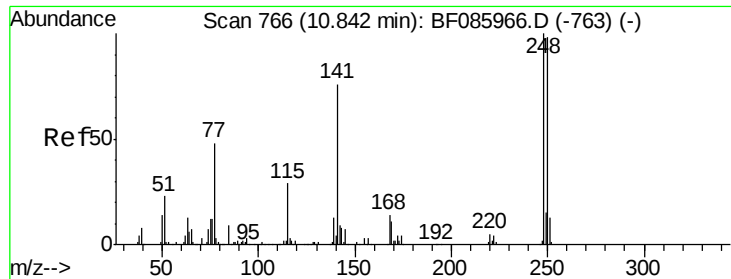


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

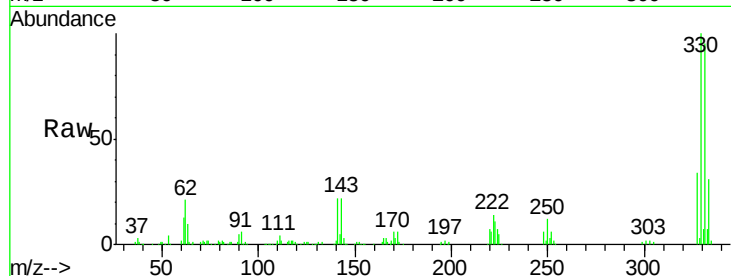




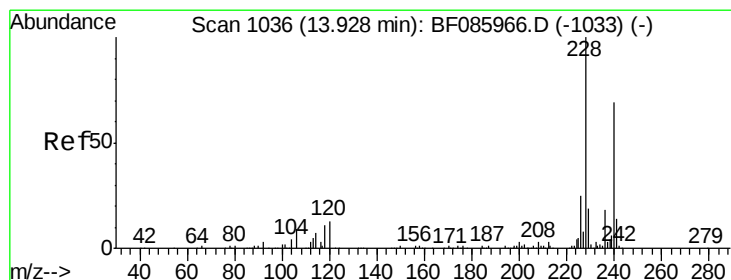
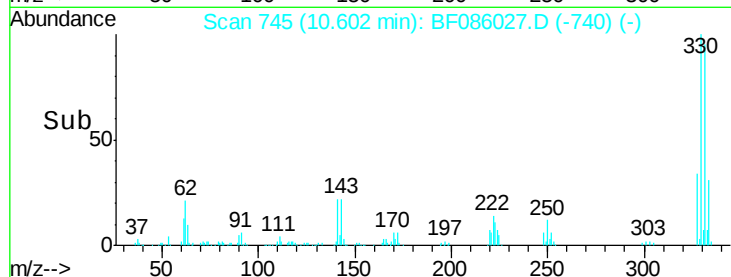
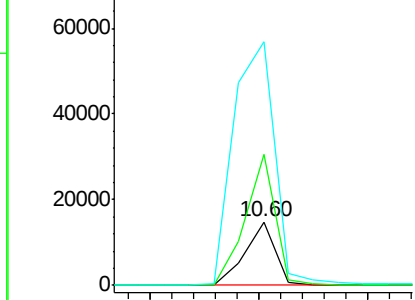
#66
4-Bromophenyl-phenylether
Concen: 4.33 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.24 min
Lab File: BF086027.D
Acq: 2 Apr 2016 22:33

Instrument :
BNA_F
ClientSampleId :
PB89347TB

Tgt Ion:248 Resp: 14121
Ion Ratio Lower Upper
248 100
250 205.2 77.4 116.0#
141 383.0 63.6 95.4#

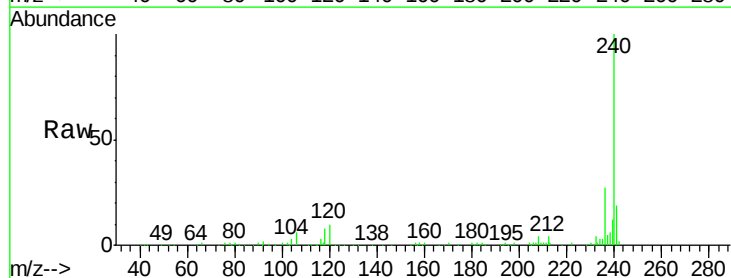


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

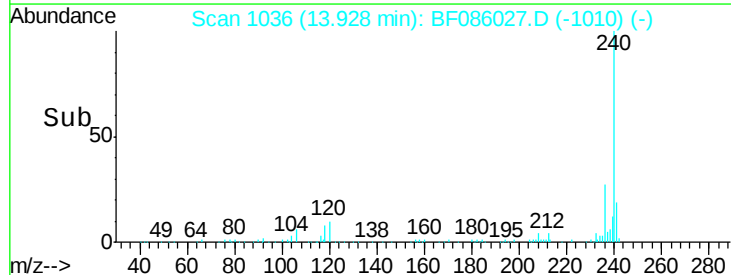
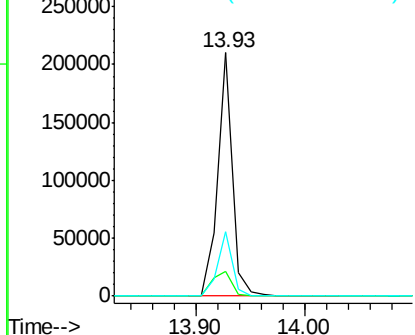


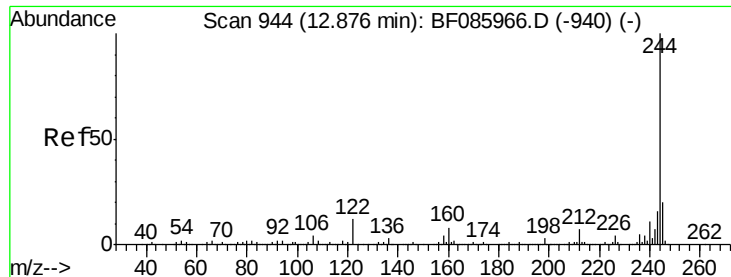
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF086027.D
Acq: 2 Apr 2016 22:33

Tgt Ion:240 Resp: 200852
Ion Ratio Lower Upper
240 100
120 10.1 13.8 20.8#
236 26.6 20.6 30.8



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

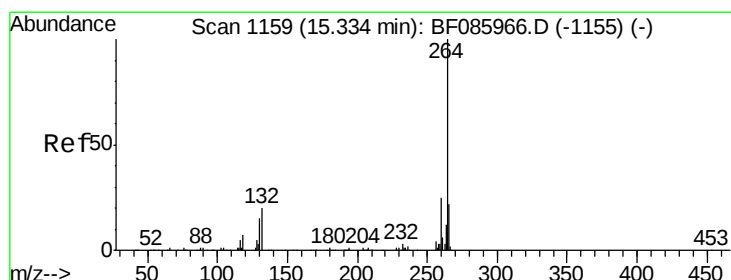
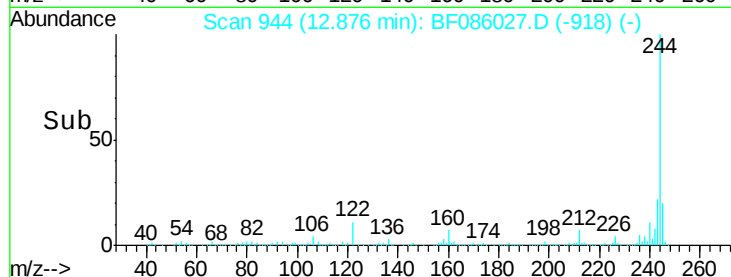
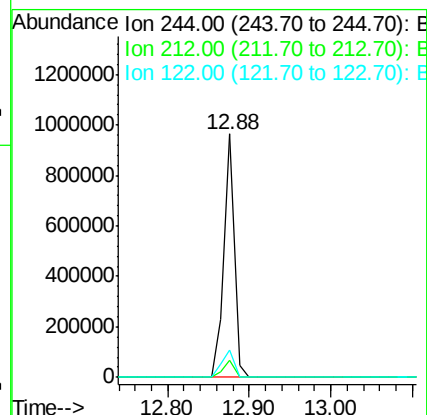
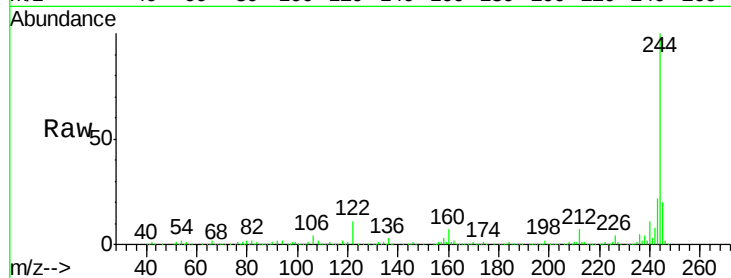




#78
 Terphenyl-d14
 Concen: 100.73 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF086027.D
 Acq: 2 Apr 2016 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PB89347TB

Tgt Ion:244 Resp: 860645
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 11.2 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF086027.D
 Acq: 2 Apr 2016 22:33

Tgt Ion:264 Resp: 186773
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.2 17.2 25.8

