

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086517.D
 Acq On : 30 Apr 2016 12:09
 Operator : UM/SJ
 Sample : PB90056BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:19:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

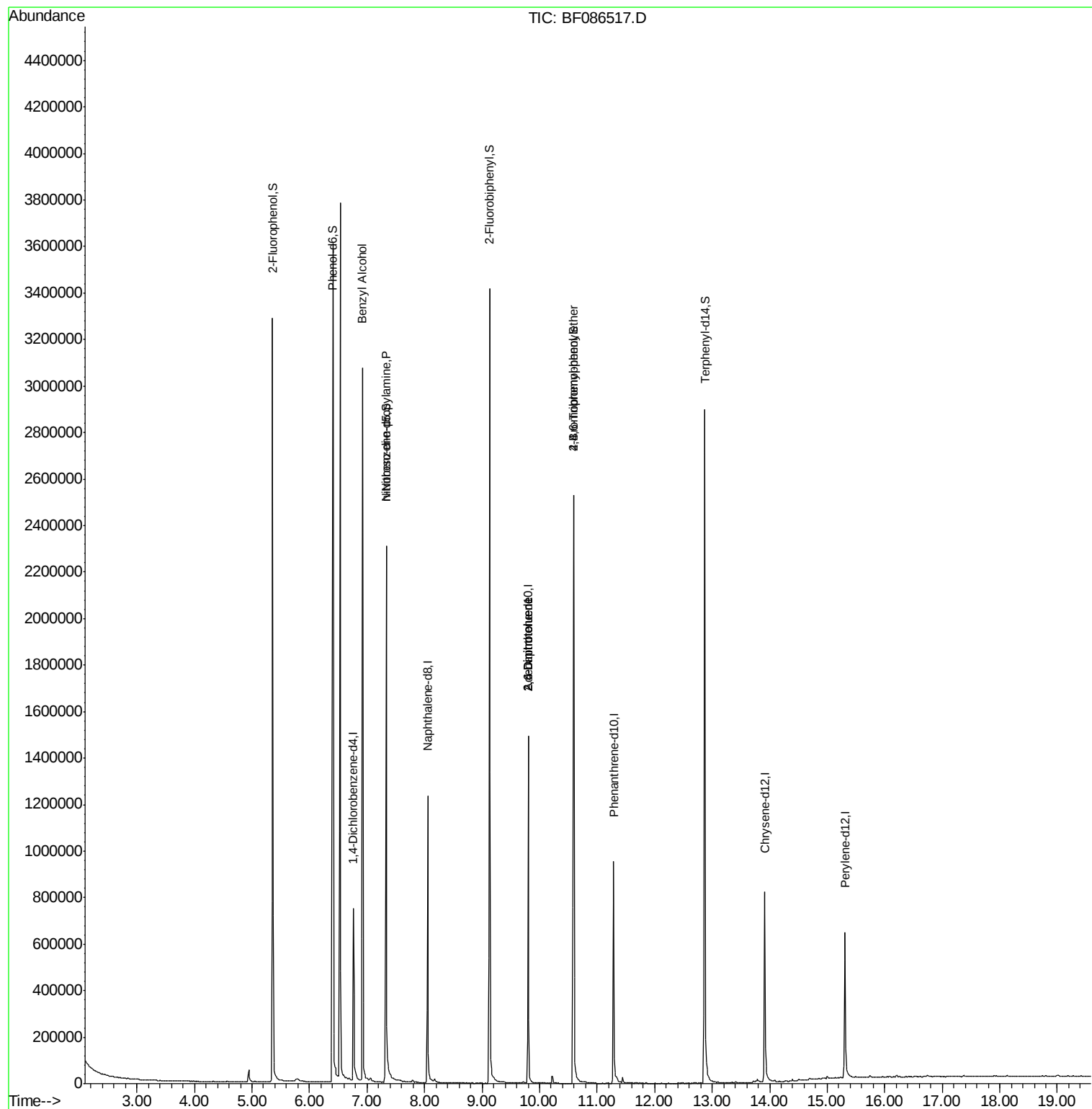
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	131416	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	598145	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	284179	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	555763	20.00	ng	0.00
75) Chrysene-d12	13.92	240	495529	20.00	ng	0.00
86) Perylene-d12	15.31	264	367116	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	890451	116.87	ng	0.00
7) Phenol-d6	6.41	99	1328249	124.91	ng	0.00
23) Nitrobenzene-d5	7.33	82	852116	76.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	312554	104.29	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1281882	77.39	ng	-0.01
78) Terphenyl-d14	12.88	244	1460610	64.94	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.92	79	13509	2.01	ng	# 39
19) n-Nitroso-di-n-propylamine	7.33	70	112025	15.94	ng	# 77
50) 2,6-Dinitrotoluene	9.80	165	36183	8.19	ng	# 20
56) 2,4-Dinitrotoluene	9.80	165	36179	6.42	ng	# 16
66) 4-Bromophenyl-phenylether	10.59	248	19004	3.32	ng	# 1

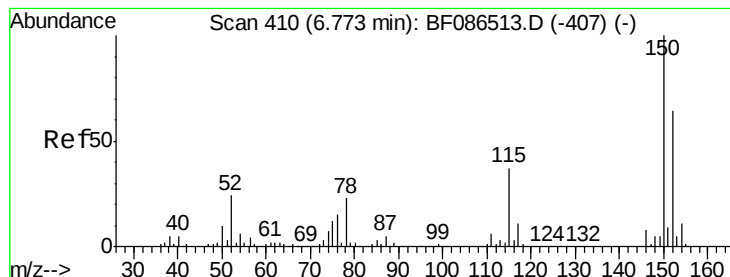
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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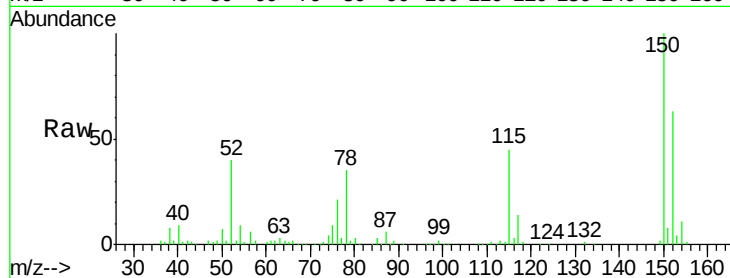


#1

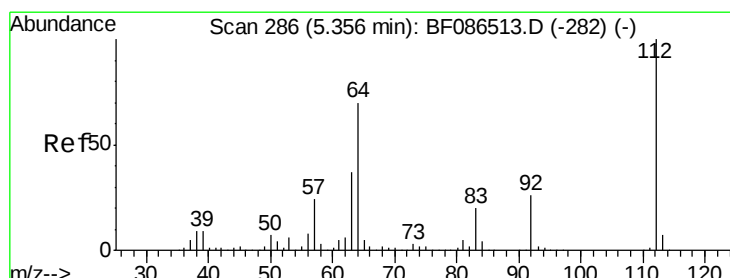
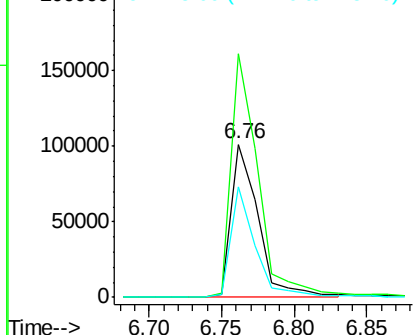
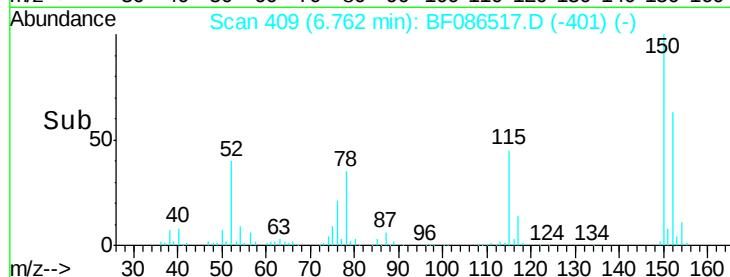
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF086517.D
 Acq: 30 Apr 2016 12:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	125.8	188.6
115	72.2	51.5	77.3



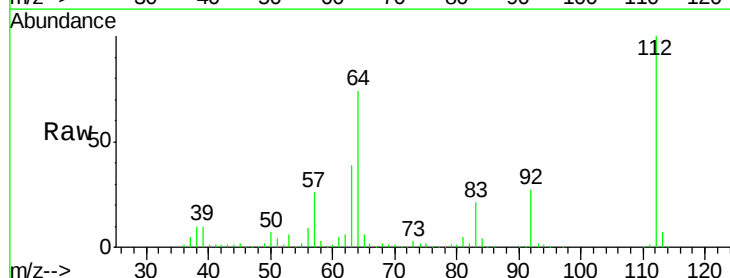
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



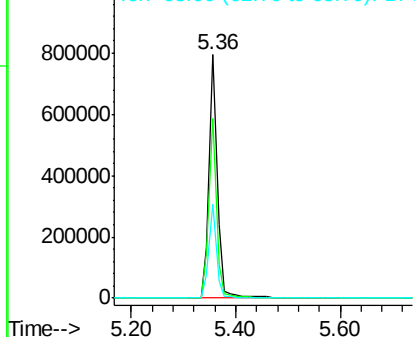
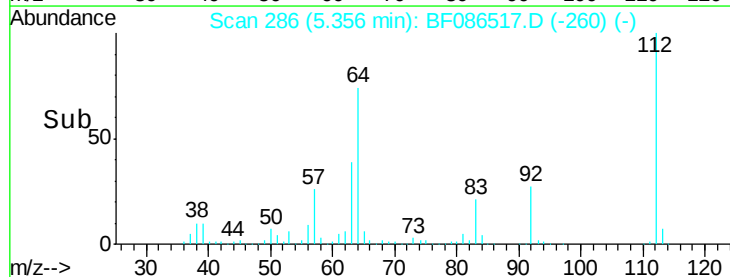
#5

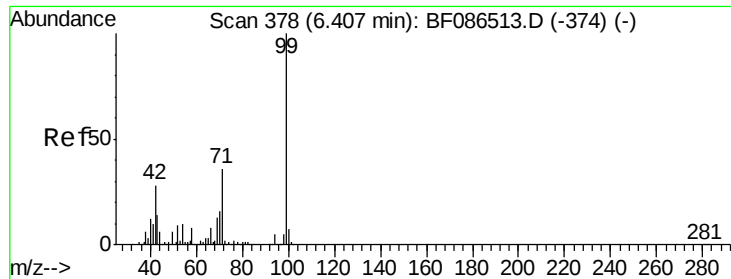
2-Fluorophenol
 Concen: 116.87 ng
 RT: 5.36 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: BF086517.D
 Acq: 30 Apr 2016 12:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.8	52.1	78.1
63	38.8	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: 124.91 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086517.D

Acq: 30 Apr 2016 12:09

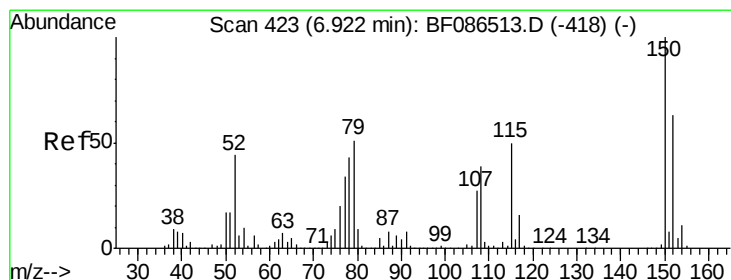
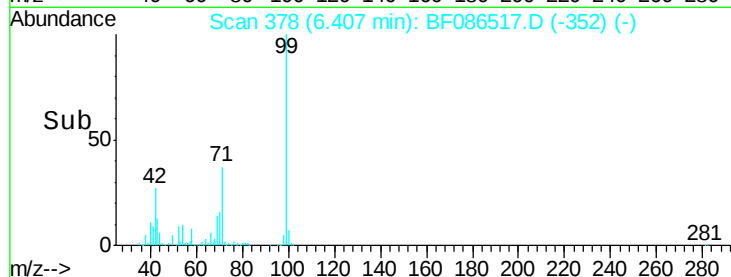
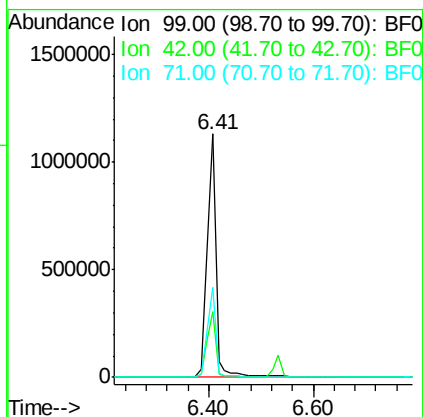
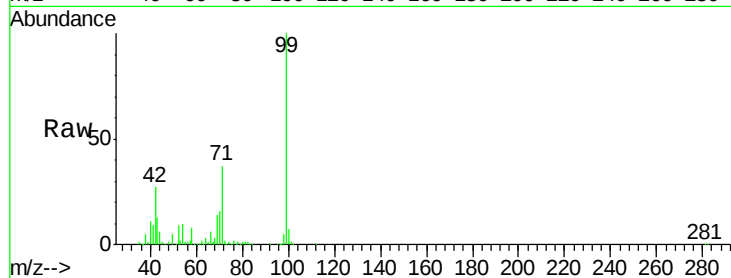
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1328249

Ion	Ratio	Lower	Upper
99	100		
42	27.0	13.6	20.4#
71	36.8	24.6	36.8



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 6.92 min Scan# 423

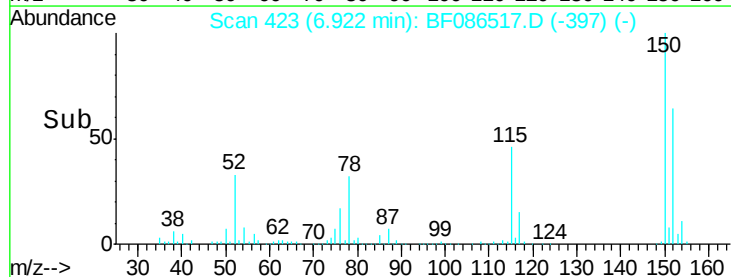
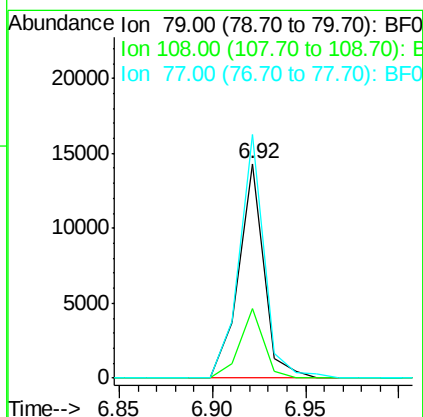
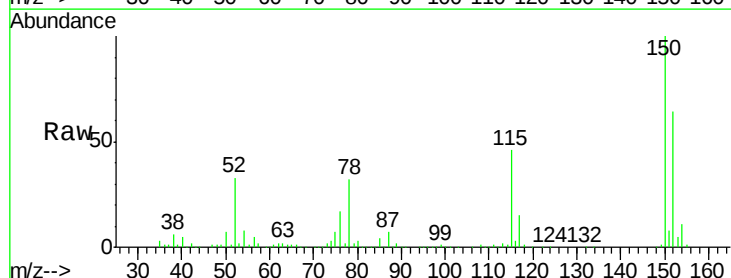
Delta R.T. 0.00 min

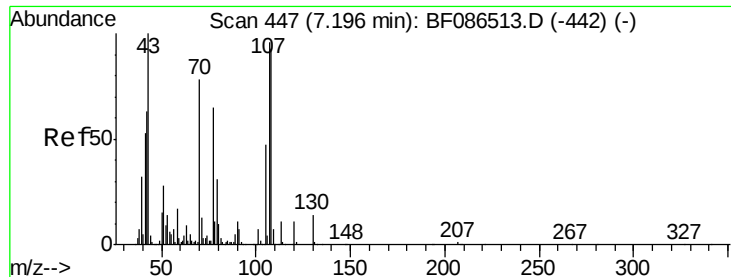
Lab File: BF086517.D

Acq: 30 Apr 2016 12:09

Tgt Ion: 79 Resp: 13509

Ion	Ratio	Lower	Upper
79	100		
108	32.7	68.4	102.6#
77	113.6	50.6	76.0#

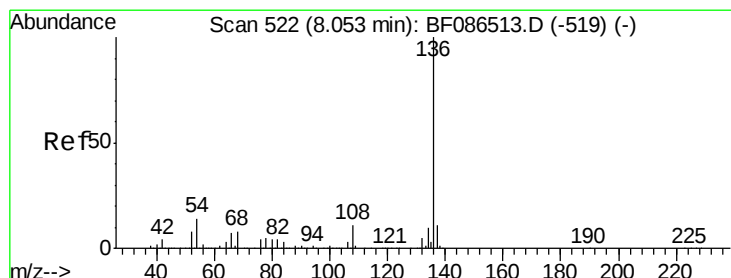
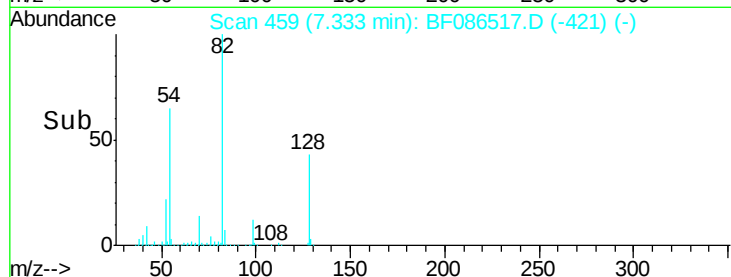
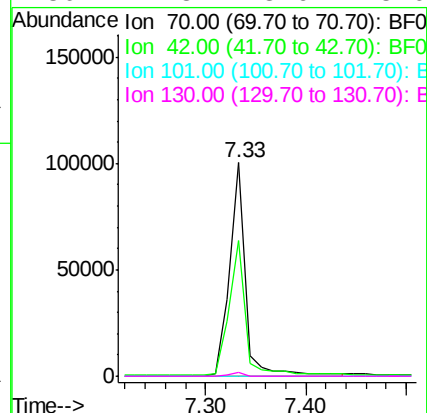
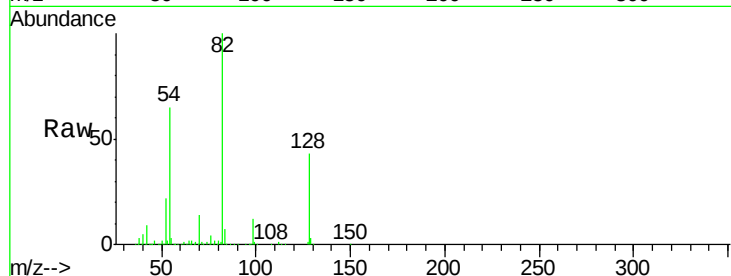




#19
n-Nitroso-di-n-propylamine
Concen: 15.94 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF086517.D
Acq: 30 Apr 2016 12:09

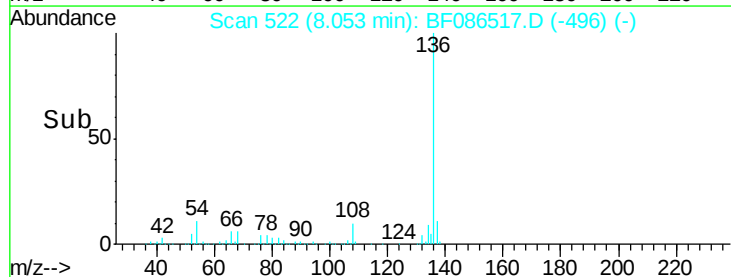
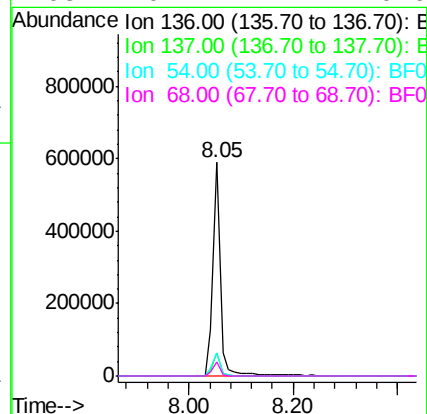
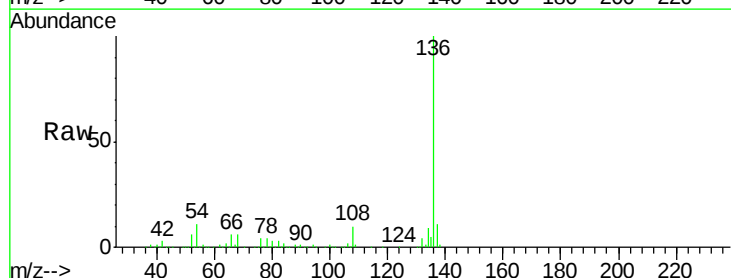
Instrument :
BNA_F
ClientSampleId :

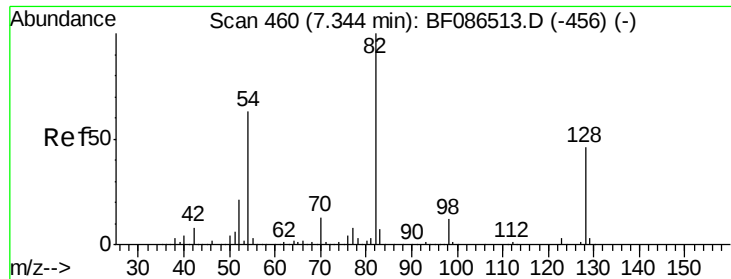
Tot Ion	Ratio	Lower	Upper
70	100		
42	63.3	43.1	64.7
101	0.0	8.1	12.1#
130	1.8	18.6	28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF086517.D
Acq: 30 Apr 2016 12:09

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.7	5.0	7.4#
68	6.4	4.4	6.6

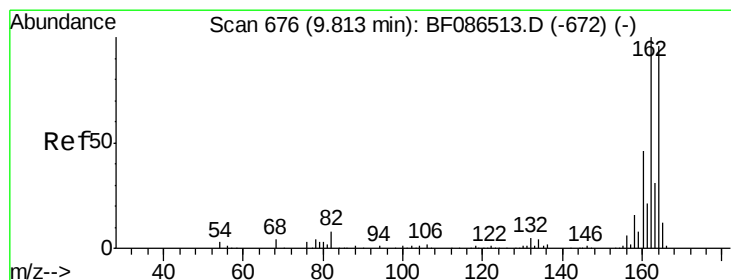
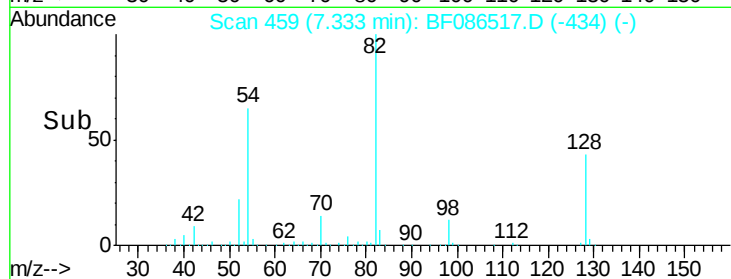
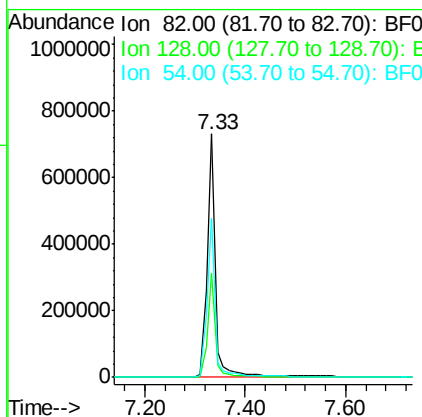
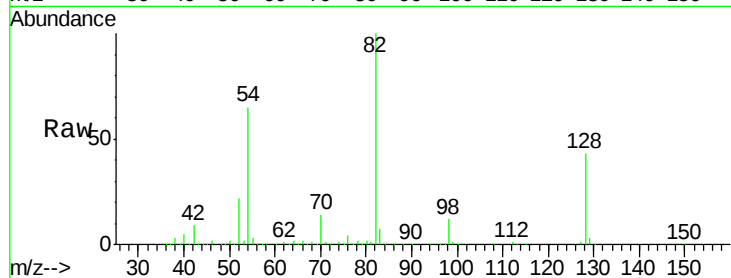




#23
 Nitrobenzene-d5
 Concen: 76.79 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086517.D
 Acq: 30 Apr 2016 12:09

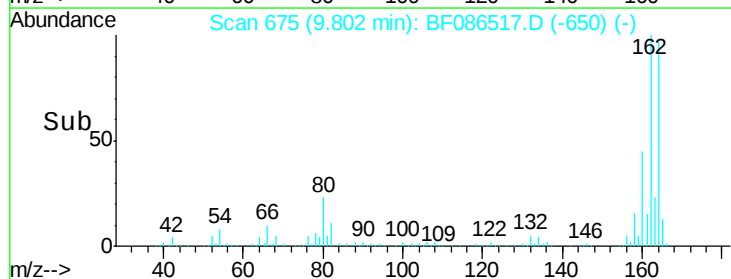
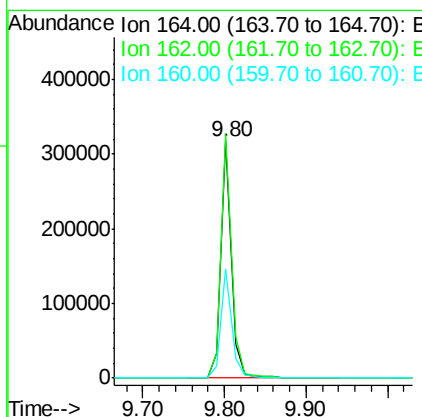
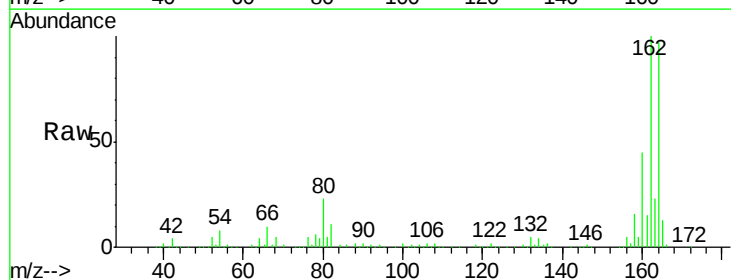
Instrument :
 BNA_F
 ClientSampled :

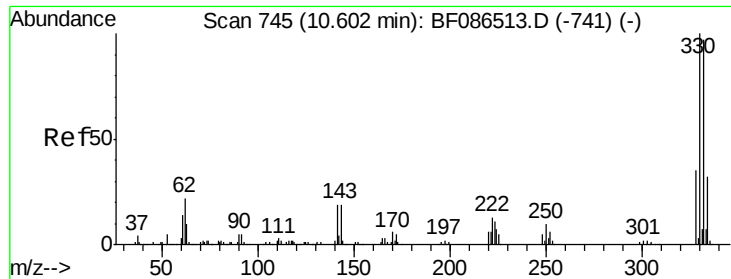
Tot Ion: 82 Resp: 852116
 Ion Ratio Lower Upper
 82 100
 128 42.5 40.6 61.0
 54 65.3 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086517.D
 Acq: 30 Apr 2016 12:09

Tgt Ion:164 Resp: 284179
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.8 124.2
 160 45.9 36.9 55.3

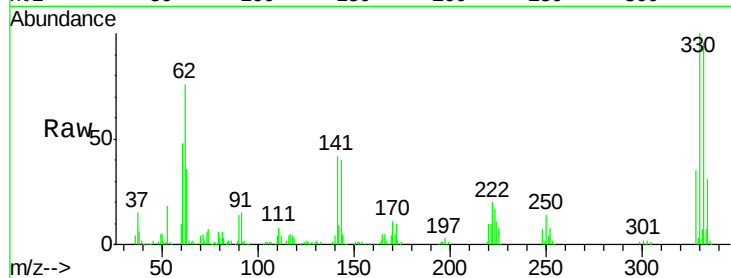




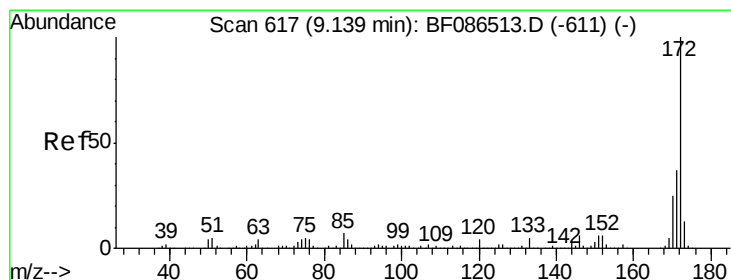
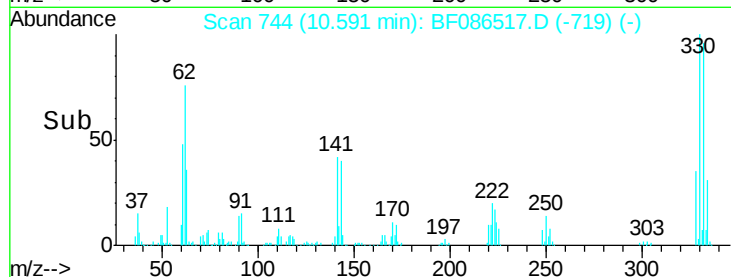
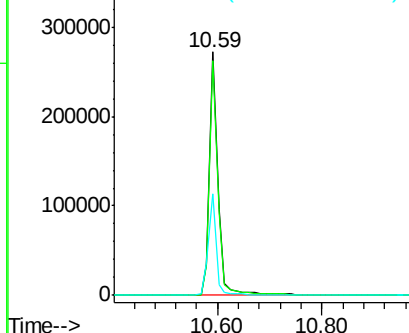
#41
 2,4,6-Tribromophenol
 Concen: 104.29 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086517.D
 Acq: 30 Apr 2016 12:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	39.9	31.2	46.8

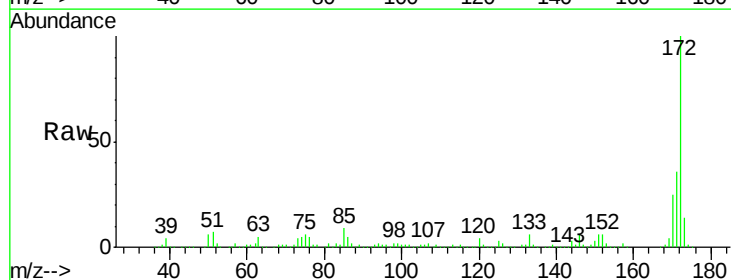


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

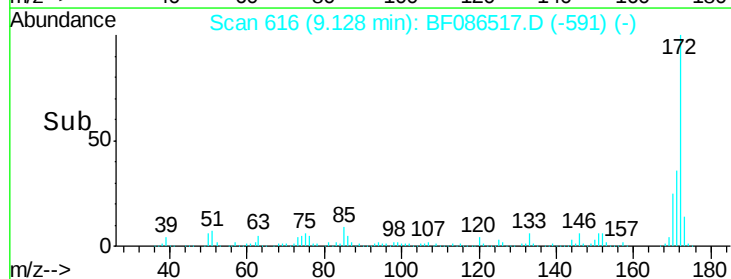
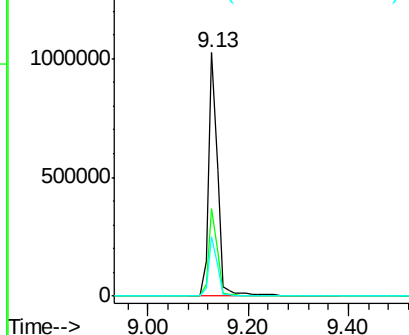


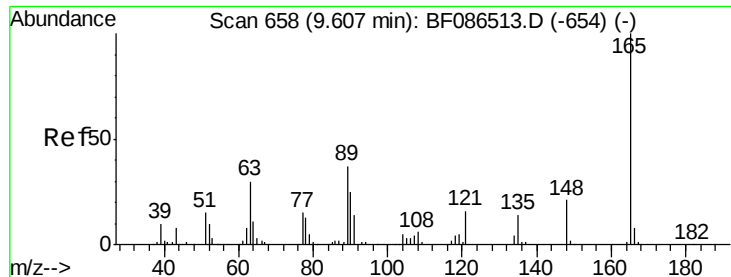
#44
 2-Fluorobiphenyl
 Concen: 77.39 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086517.D
 Acq: 30 Apr 2016 12:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.5	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: 8.19 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.19 min

Lab File: BF086517.D

Acq: 30 Apr 2016 12:09

Instrument :

BNA_F

ClientSampleId :

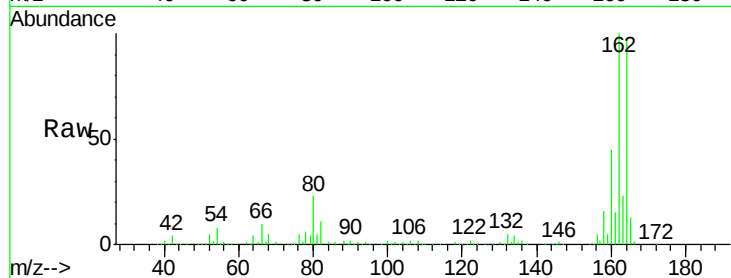
Tot Ion:165 Resp: 36183

Ion Ratio Lower Upper

165 100

63 1.7 51.8 77.8#

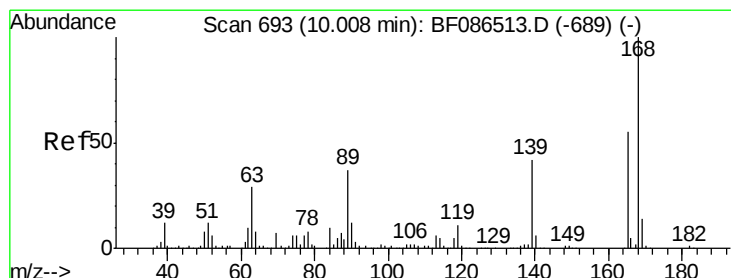
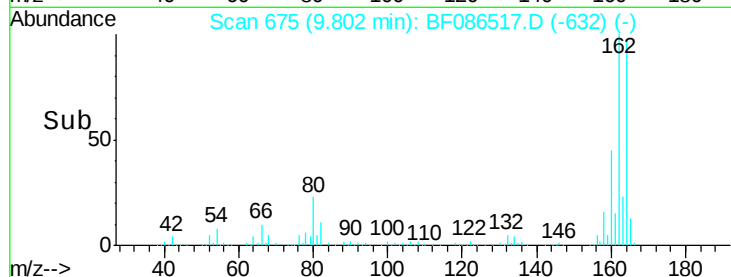
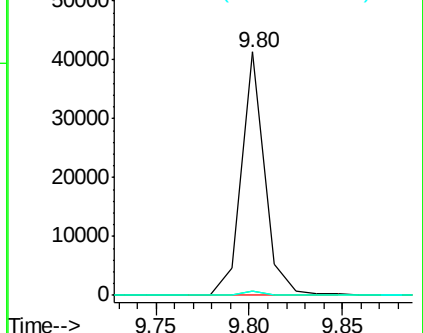
89 1.7 50.7 76.1#



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: 6.42 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF086517.D

Acq: 30 Apr 2016 12:09

Tgt Ion:165 Resp: 36179

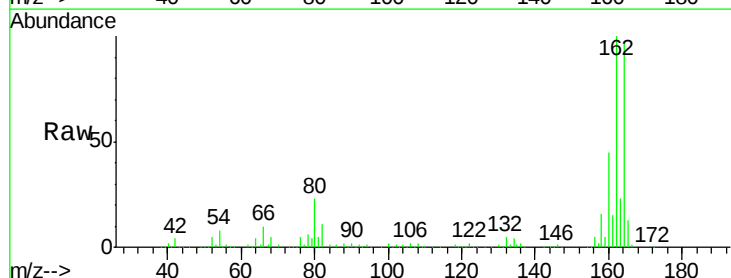
Ion Ratio Lower Upper

165 100

63 1.7 44.3 66.5#

89 1.7 70.0 105.0#

182 0.0 1.8 2.6#

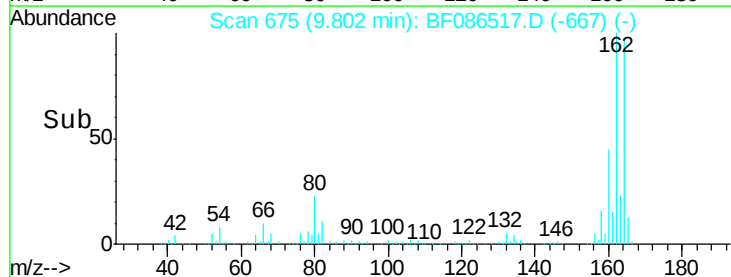
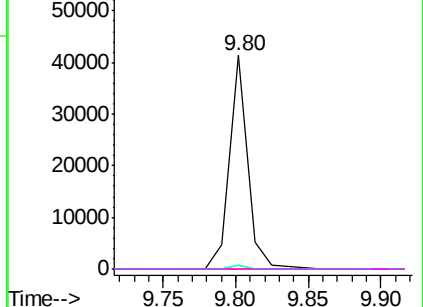


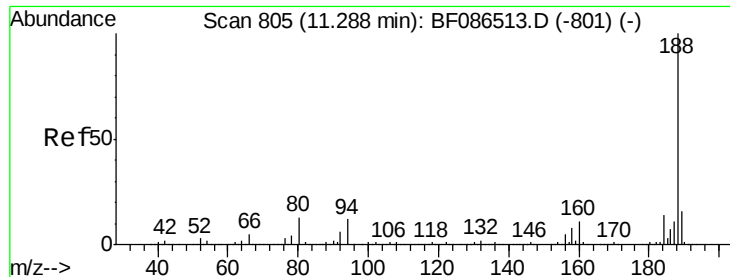
Abundance Ion 165.00 (164.70 to 165.70): E

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

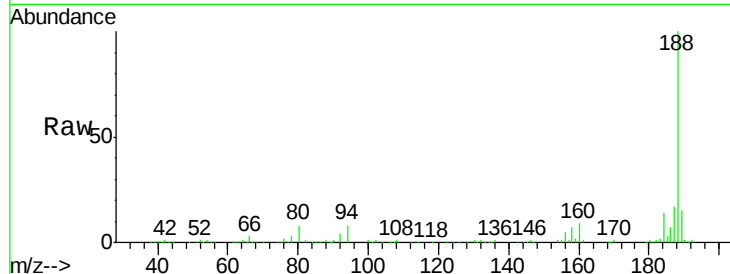




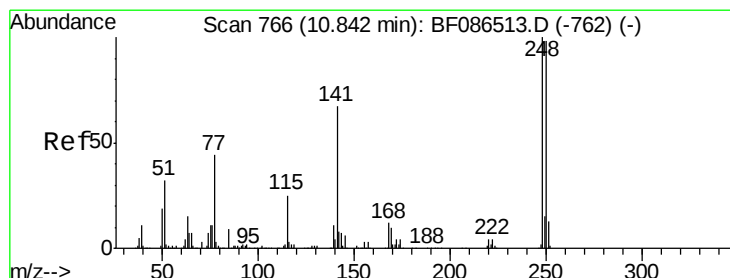
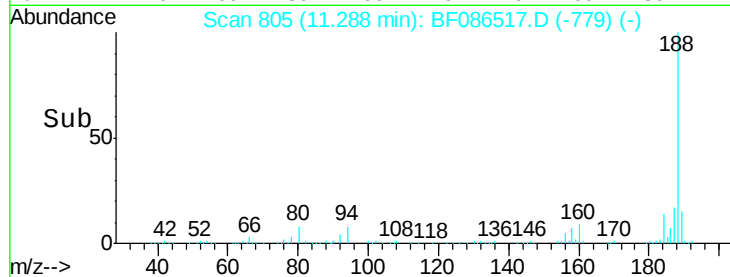
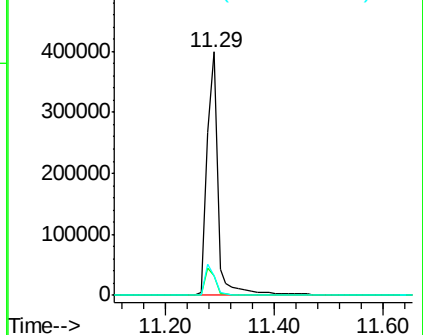
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF086517.D
 Acq: 30 Apr 2016 12:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 555763
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.8 10.2
 80 8.0 7.1 10.7

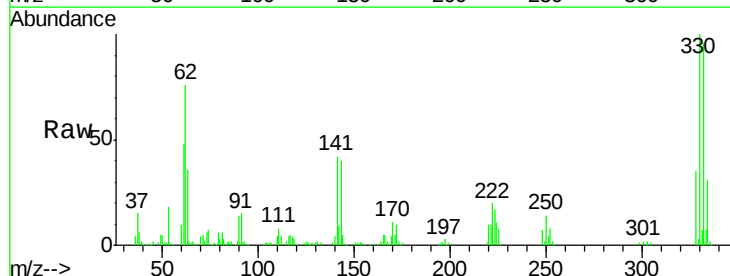


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

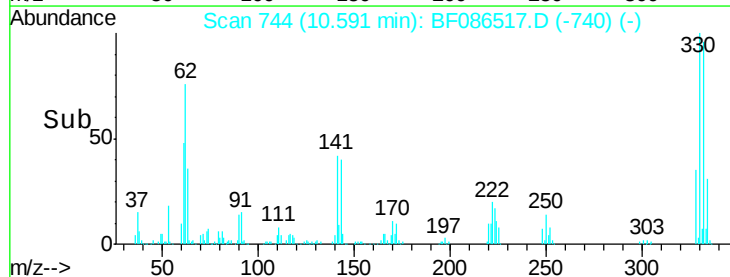
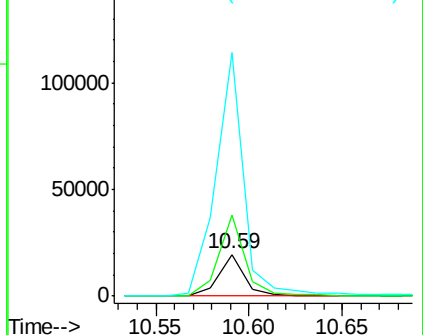


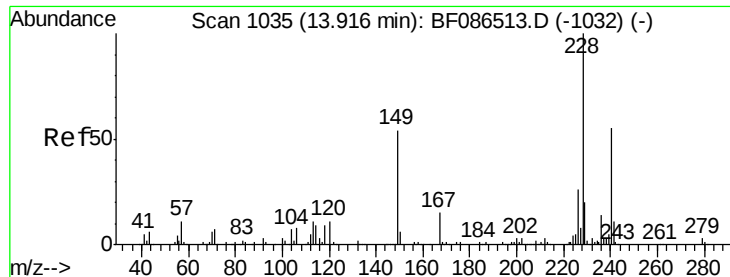
#66
 4-Bromophenyl-phenylether
 Concen: 3.32 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.25 min
 Lab File: BF086517.D
 Acq: 30 Apr 2016 12:09

Tgt Ion:248 Resp: 19004
 Ion Ratio Lower Upper
 248 100
 250 196.0 78.6 117.8#
 141 586.7 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: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086517.D

Acq: 30 Apr 2016 12:09

Instrument :

BNA_F

ClientSampleId :

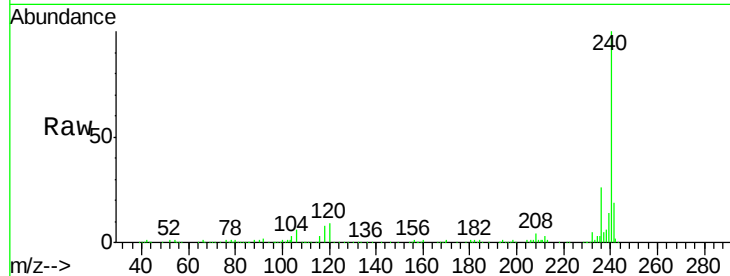
Tot Ion:240 Resp: 495529

Ion Ratio Lower Upper

240 100

120 8.9 11.2 16.8#

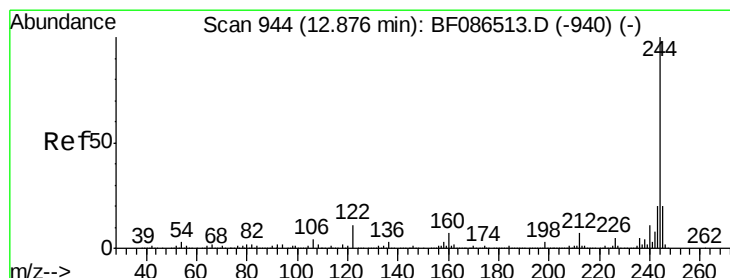
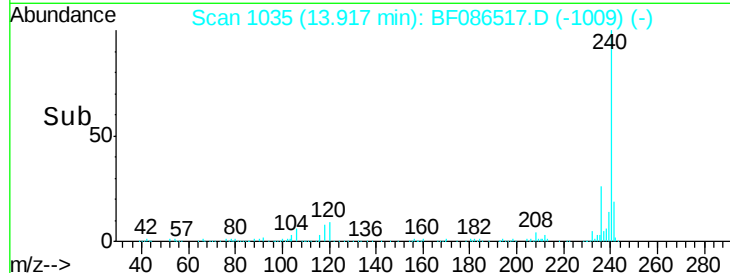
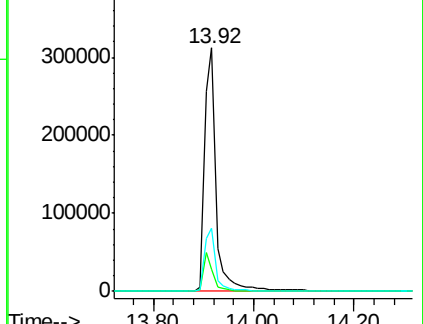
236 25.9 21.2 31.8



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: 64.94 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF086517.D

Acq: 30 Apr 2016 12:09

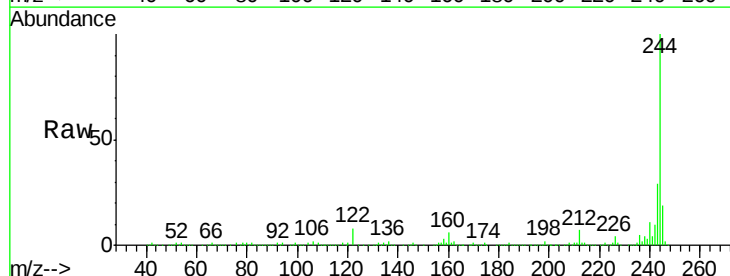
Tgt Ion:244 Resp: 1460610

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

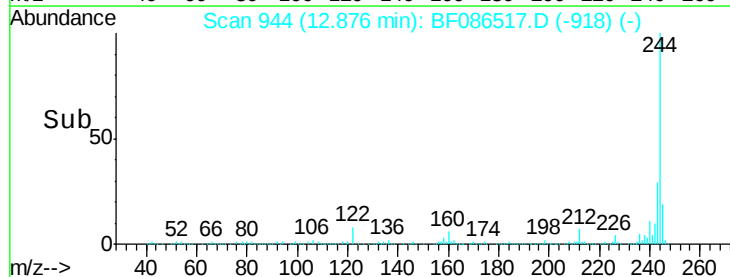
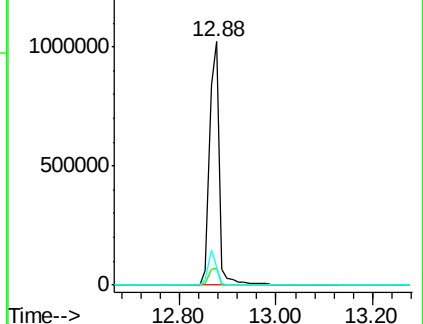
122 7.5 12.0 18.0#

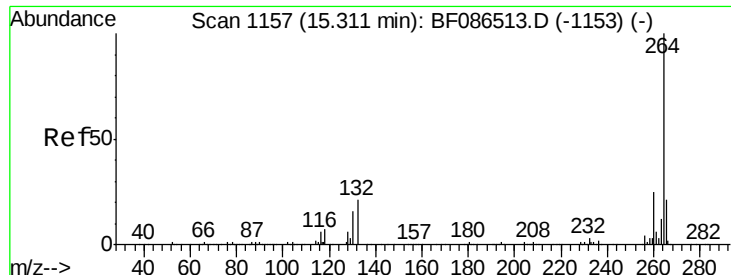


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

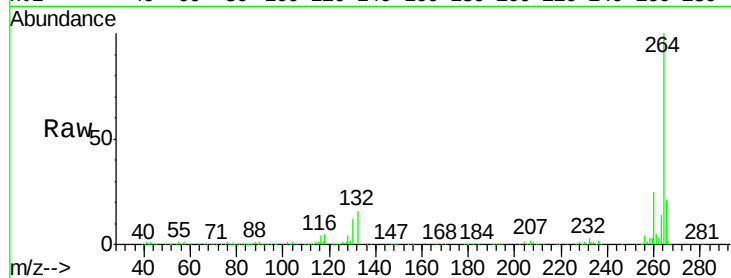




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF086517.D
Acq: 30 Apr 2016 12:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.3	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

