

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086514.D
 Acq On : 30 Apr 2016 10:45
 Operator : UM/SJ
 Sample : PB90035BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:18:55 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 01:17:31 2016
 Response via : Initial Calibration

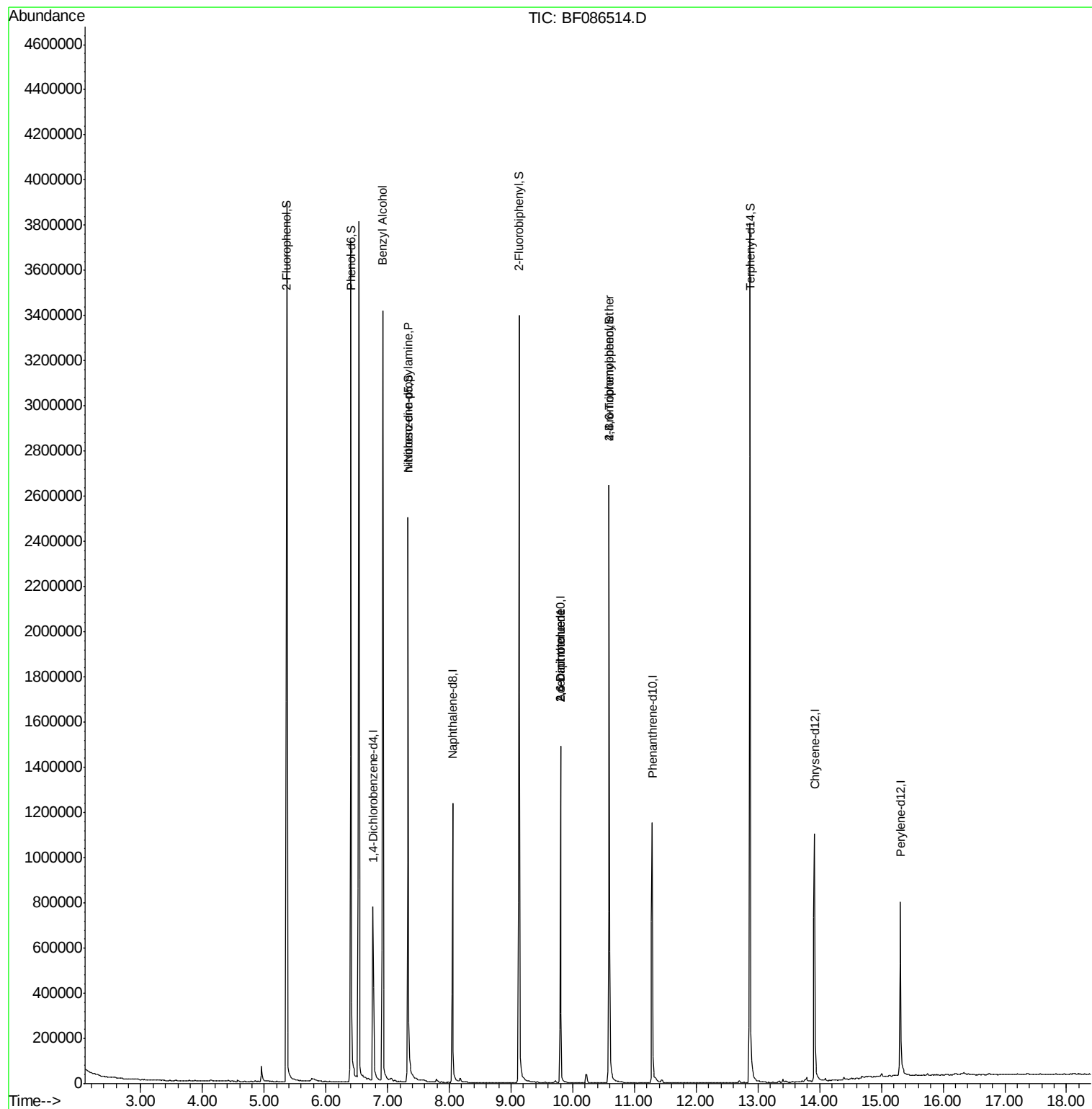
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	136435	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	619083	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	293472	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	595774	20.00	ng	0.00
75) Chrysene-d12	13.92	240	540356	20.00	ng	0.00
86) Perylene-d12	15.31	264	403811	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1035430	130.90	ng	0.01
7) Phenol-d6	6.41	99	1296608	117.45	ng	0.00
23) Nitrobenzene-d5	7.33	82	926579	80.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	336262	108.65	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1426134	85.06	ng	-0.01
78) Terphenyl-d14	12.88	244	1627257	66.35	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.92	79	15455	2.21	ng	# 40
19) n-Nitroso-di-n-propylamine	7.33	70	125832	17.24	ng	# 78
50) 2,6-Dinitrotoluene	9.80	165	36925	8.09	ng	# 21
56) 2,4-Dinitrotoluene	9.80	165	36926	6.35	ng	# 16
66) 4-Bromophenyl-phenylether	10.59	248	19634	3.20	ng	# 1

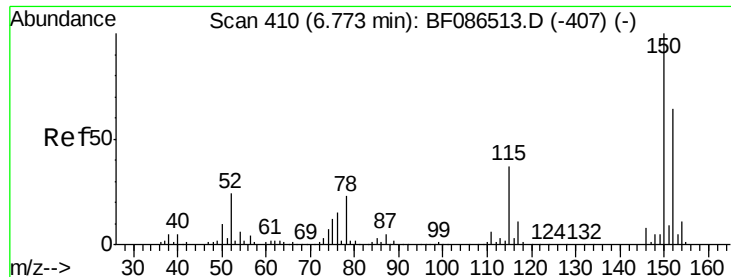
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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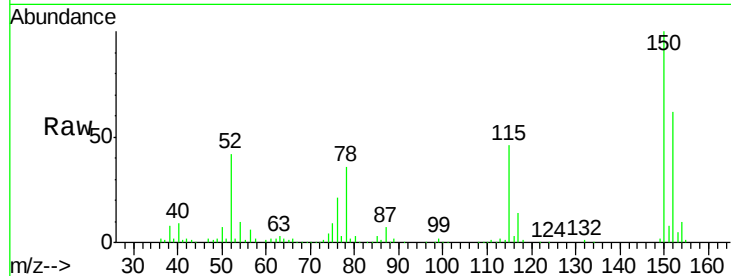


#1

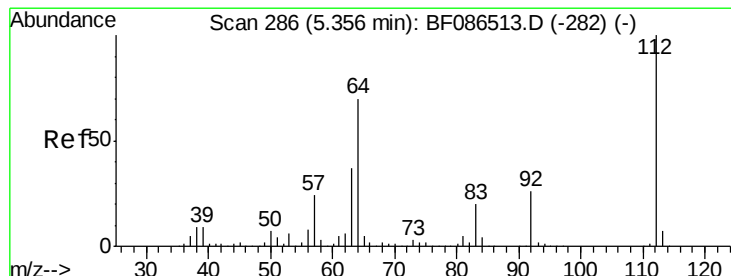
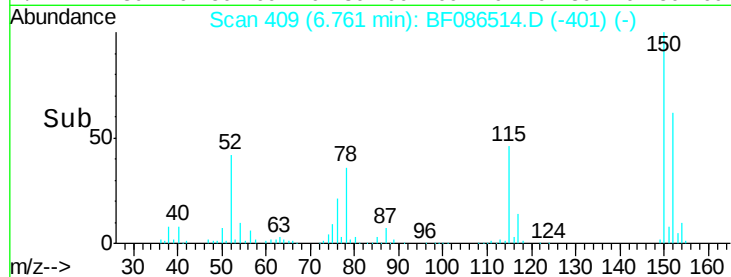
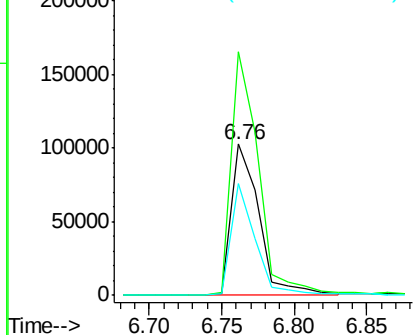
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086514.D
Acq: 30 Apr 2016 10:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136435
Ion Ratio Lower Upper
152 100
150 161.2 125.8 188.6
115 74.2 51.5 77.3



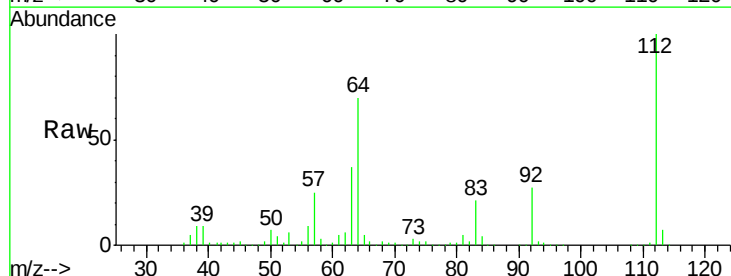
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



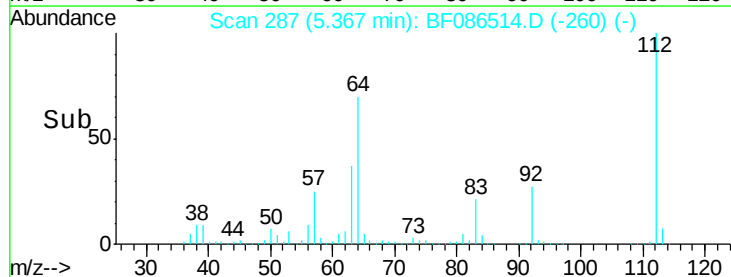
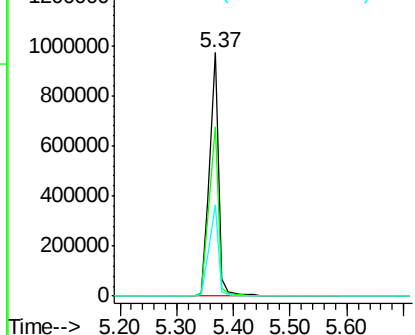
#5

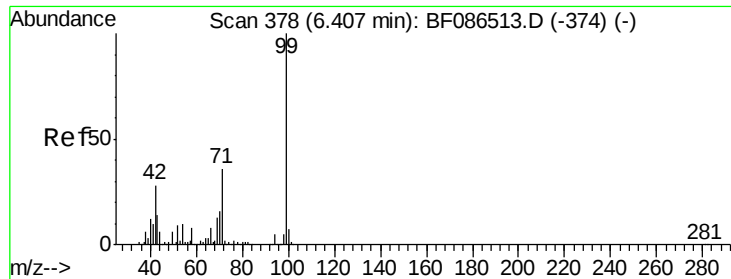
2-Fluorophenol
Concen: 130.90 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF086514.D
Acq: 30 Apr 2016 10:45

Tgt Ion:112 Resp: 1035430
Ion Ratio Lower Upper
112 100
64 69.7 52.1 78.1
63 37.3 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: 117.45 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF086514.D

Acq: 30 Apr 2016 10:45

Instrument :

BNA_F

ClientSampleId :

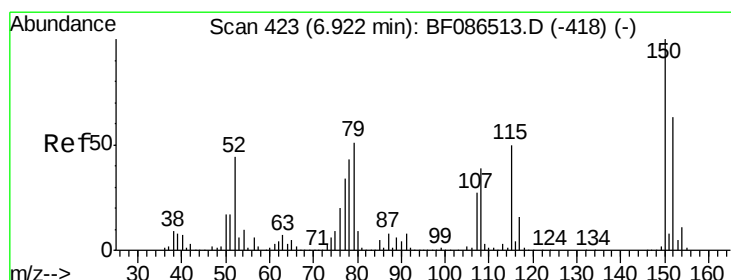
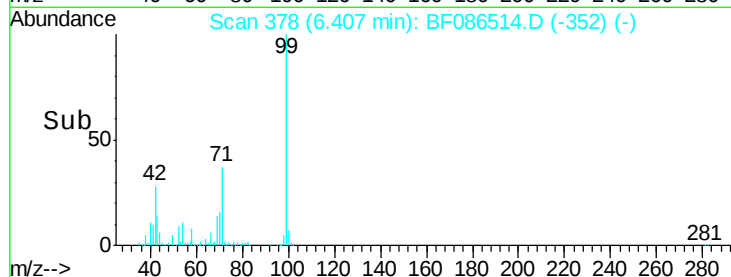
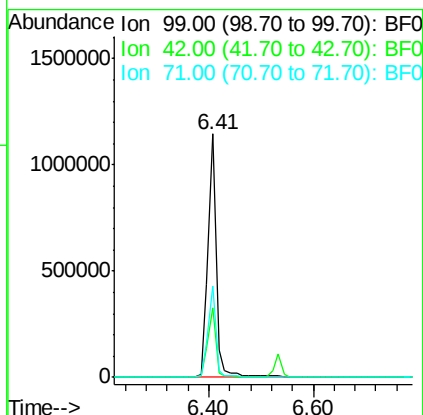
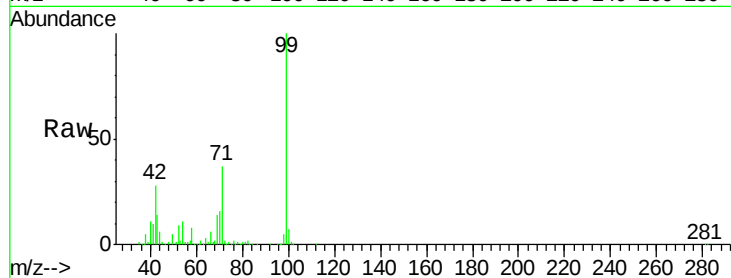
Tot Ion: 99 Resp: 1296608

Ion Ratio Lower Upper

99 100

42 28.4 13.6 20.4#

71 37.3 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.21 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF086514.D

Acq: 30 Apr 2016 10:45

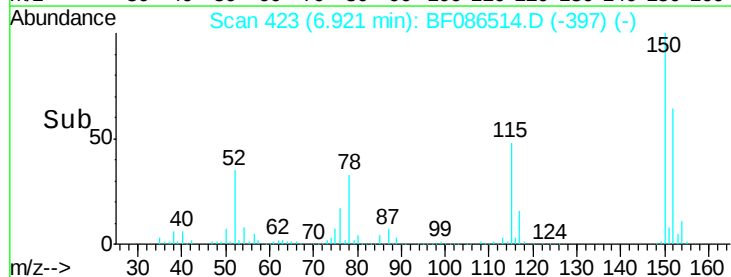
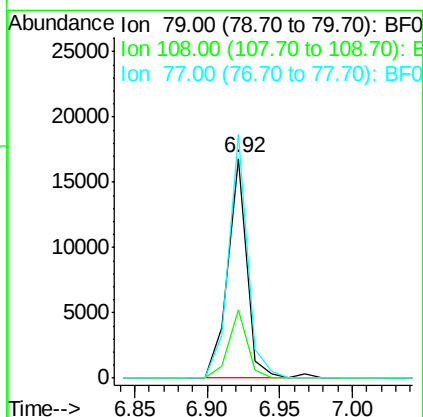
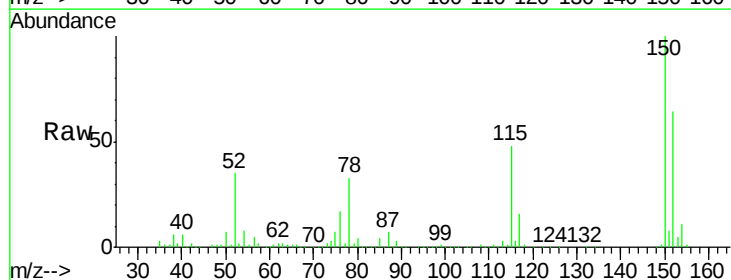
Tgt Ion: 79 Resp: 15455

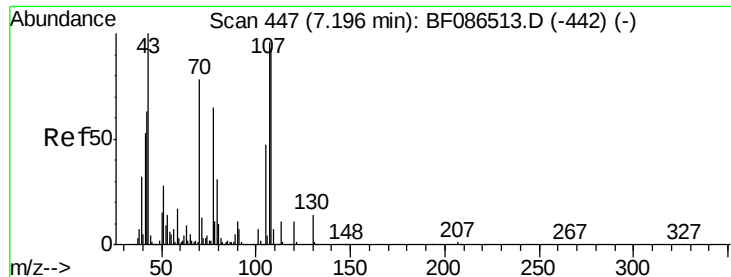
Ion Ratio Lower Upper

79 100

108 31.2 68.4 102.6#

77 110.9 50.6 76.0#

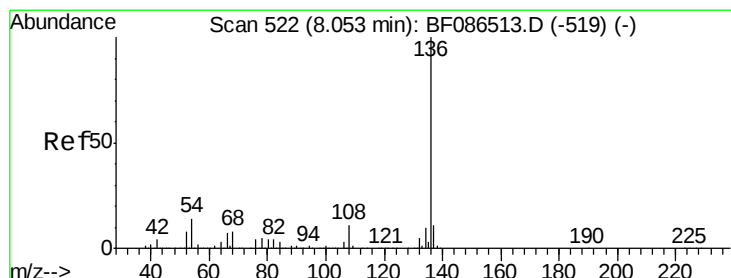
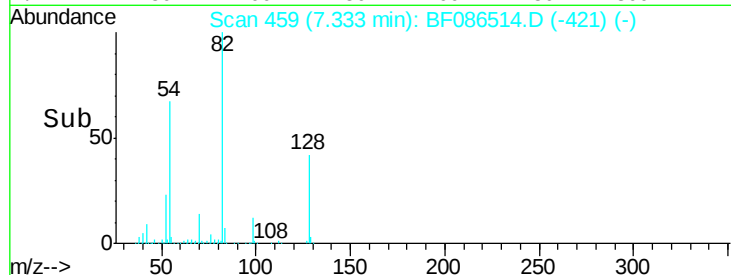
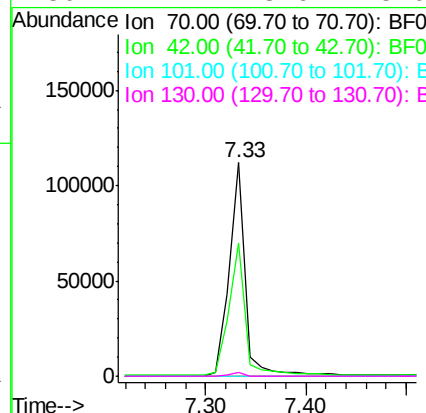
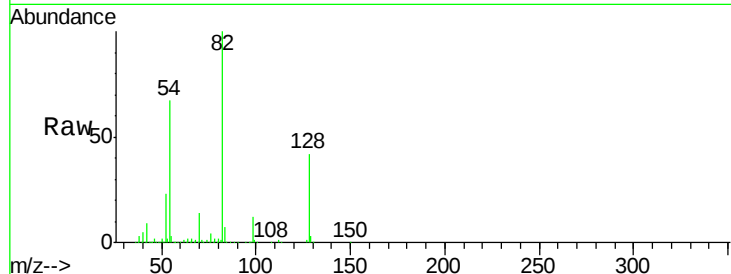




#19
n-Nitroso-di-n-propylamine
Concen: 17.24 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF086514.D
Acq: 30 Apr 2016 10:45

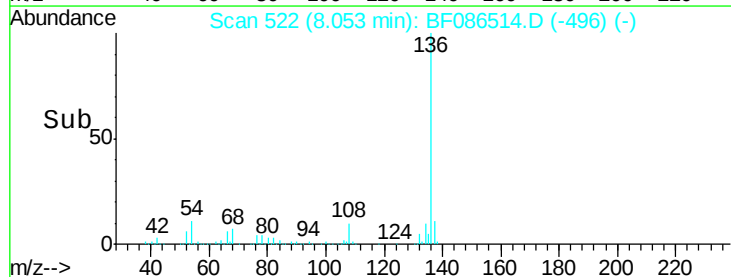
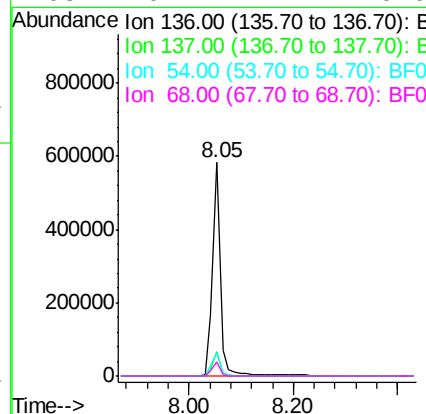
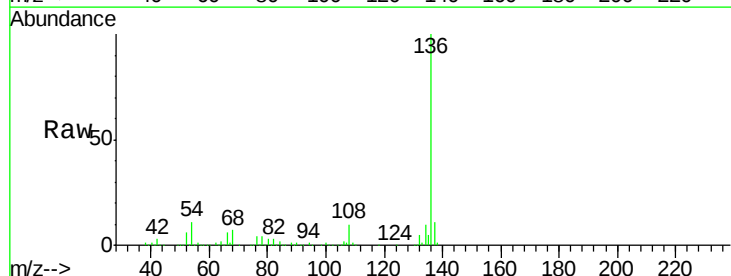
Instrument :
BNA_F
ClientSampleId :

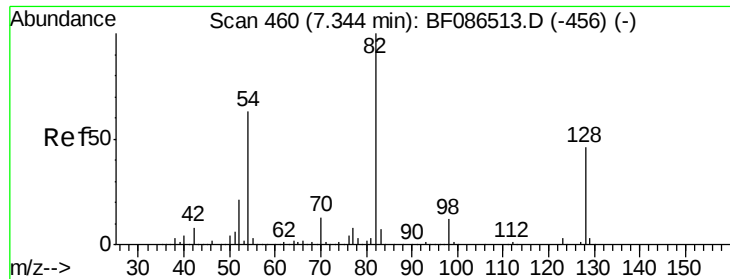
Tot Ion: 70 Resp: 125832
Ion Ratio Lower Upper
70 100
42 62.2 43.1 64.7
101 0.0 8.1 12.1#
130 2.1 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF086514.D
Acq: 30 Apr 2016 10:45

Tgt Ion:136 Resp: 619083
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.8 5.0 7.4#
68 6.7 4.4 6.6#

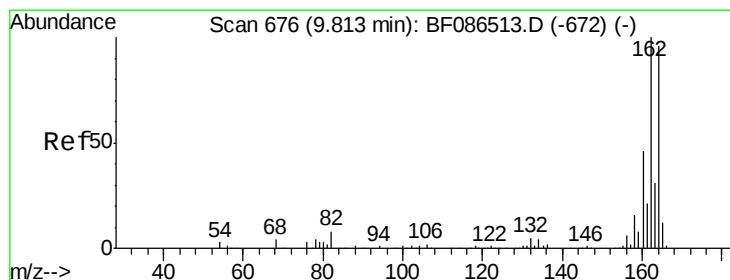
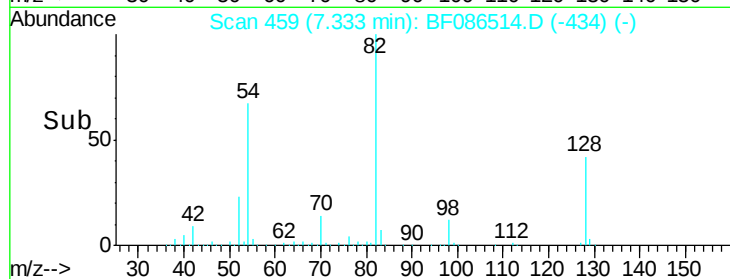
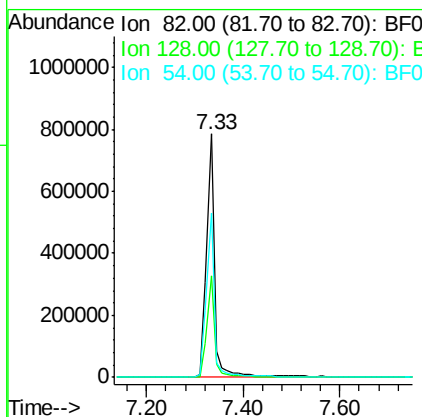
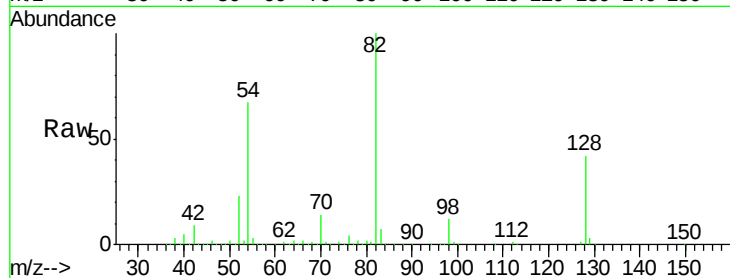




#23
 Nitrobenzene-d5
 Concen: 80.67 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086514.D
 Acq: 30 Apr 2016 10:45

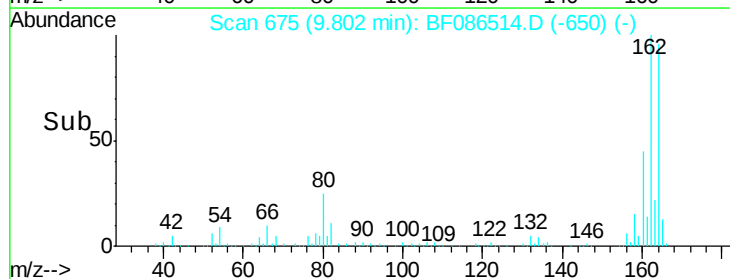
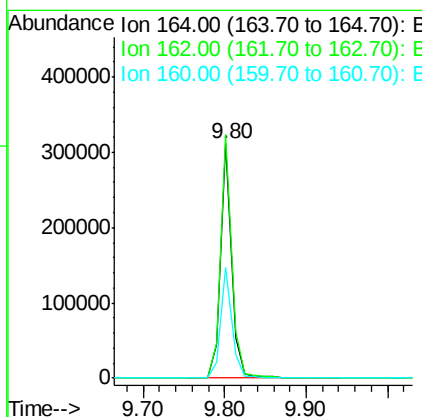
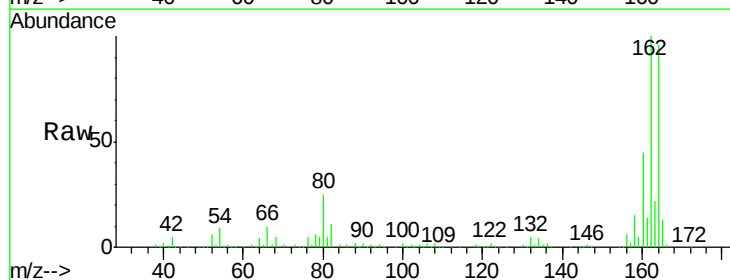
Instrument :
 BNA_F
 ClientSampleId :

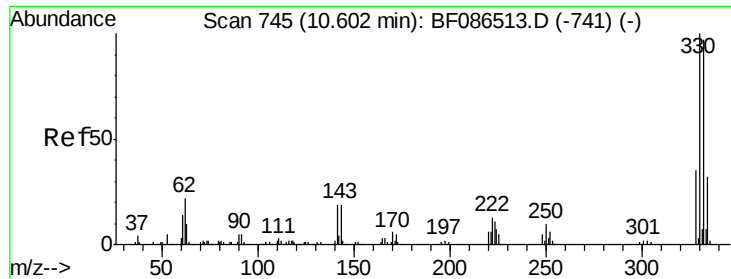
Tot Ion	82	Resp	926579
Ion Ratio	100	Lower	Upper
128	41.7	40.6	61.0
54	67.4	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086514.D
 Acq: 30 Apr 2016 10:45

Tgt Ion	164	Resp	293472
Ion Ratio	100	Lower	Upper
162	103.9	82.8	124.2
160	47.0	36.9	55.3

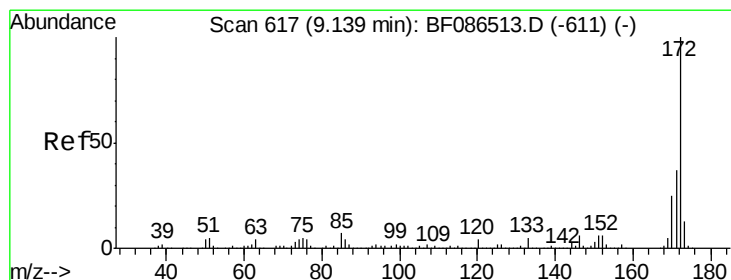
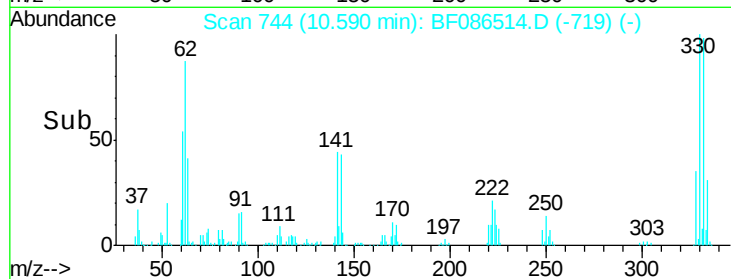
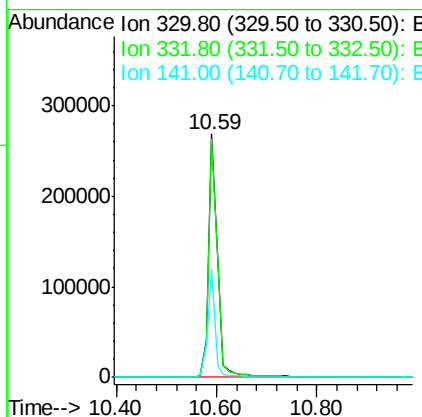
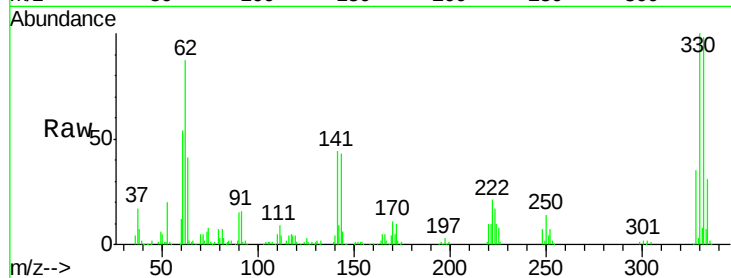




#41
 2,4,6-Tribromophenol
 Concen: 108.65 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086514.D
 Acq: 30 Apr 2016 10:45

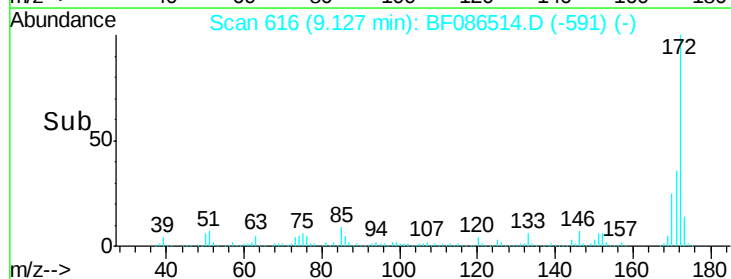
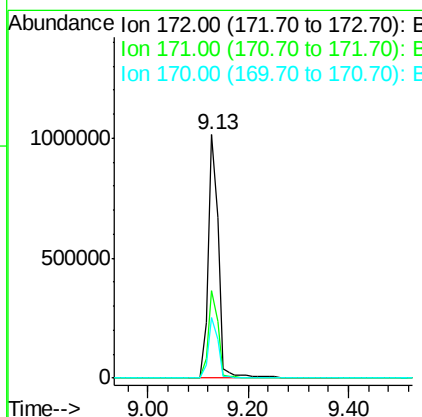
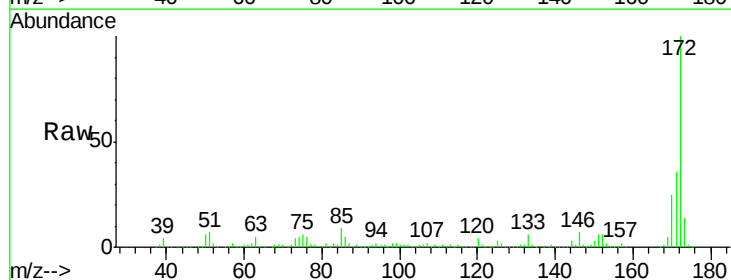
Instrument :
 BNA_F
 ClientSampleId :

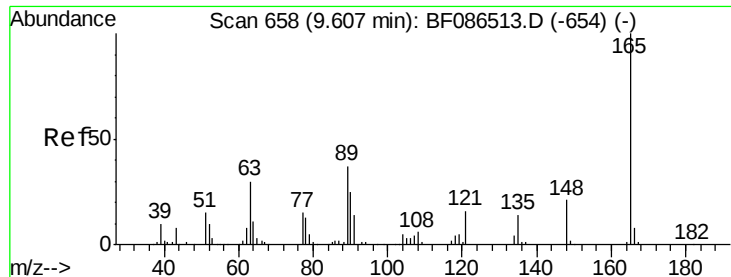
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.0	118.4
141	38.2	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 85.06 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086514.D
 Acq: 30 Apr 2016 10:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.7	19.8	29.8





#50

2,6-Dinitrotoluene

Concen: 8.09 ng

RT: 9.80 min Scan# 675

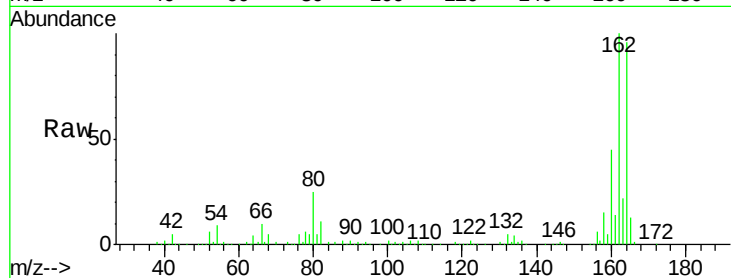
Delta R.T. 0.19 min

Lab File: BF086514.D

Acq: 30 Apr 2016 10:45

Instrument :
BNA_F
ClientSampled :

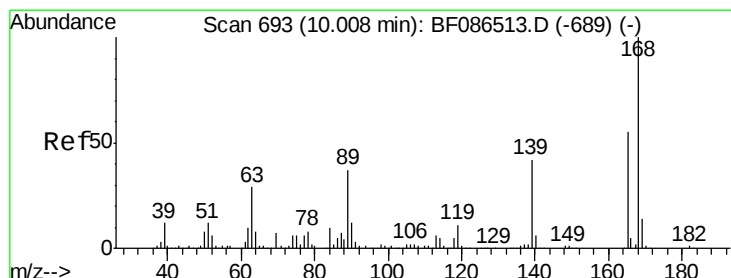
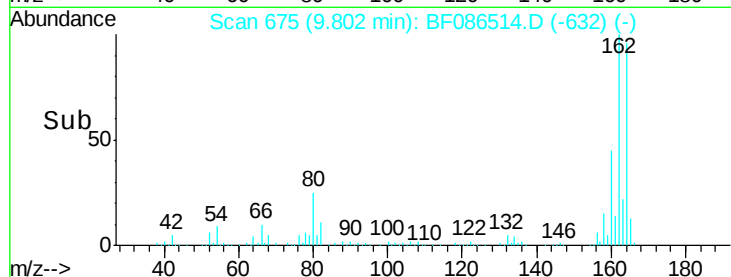
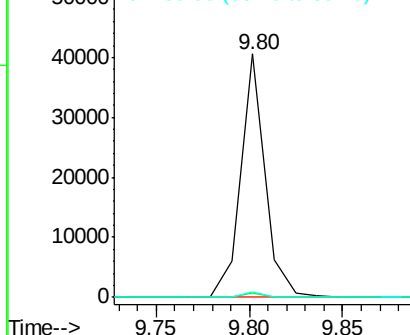
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	51.8	77.8#
89	2.2	50.7	76.1#



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: 6.35 ng

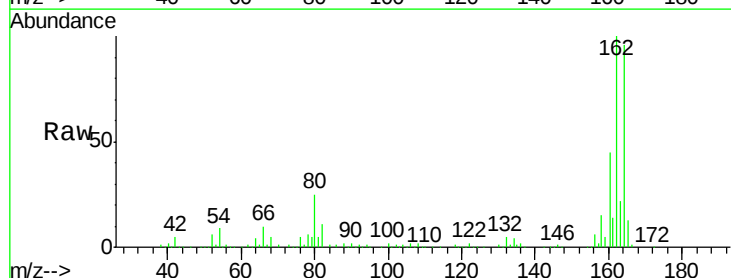
RT: 9.80 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF086514.D

Acq: 30 Apr 2016 10:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.3	66.5#
89	2.2	70.0	105.0#
182	0.0	1.8	2.6#

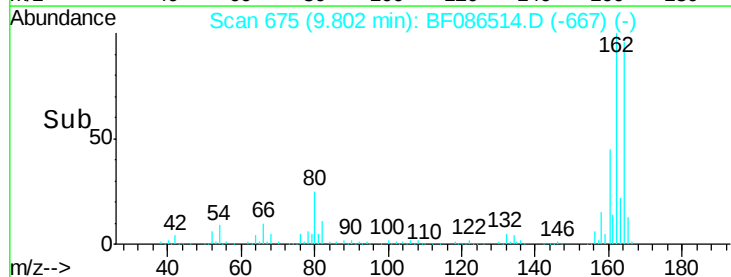
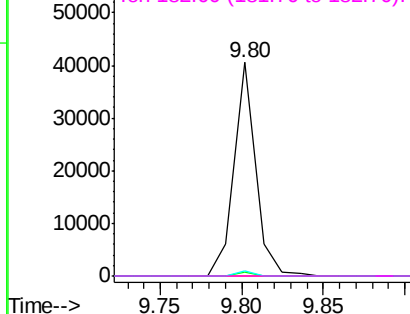


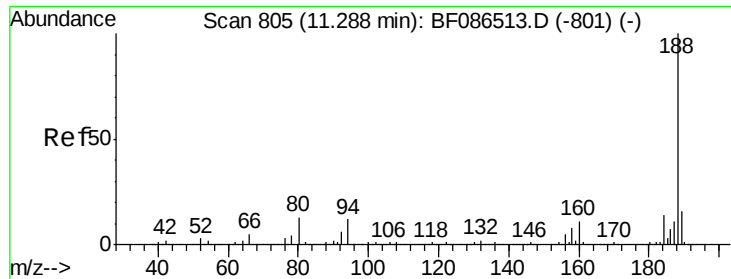
Abundance Ion 165.00 (164.70 to 165.70): E

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

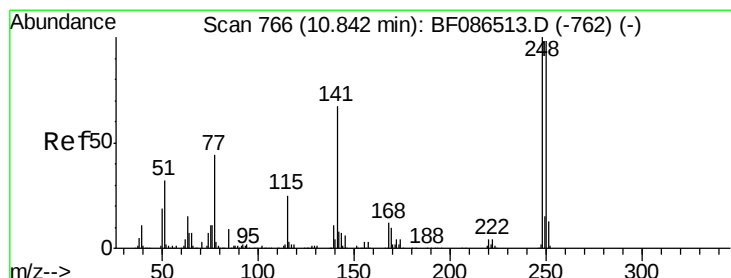
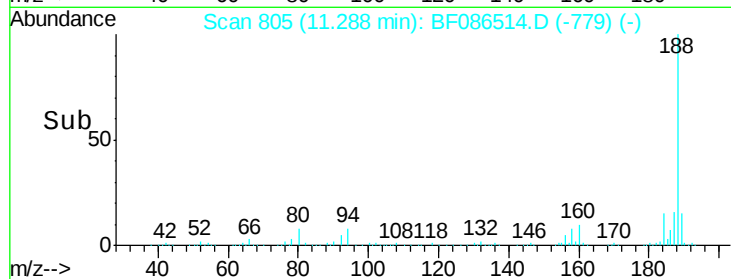
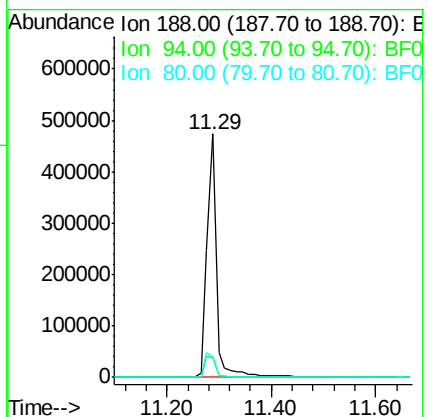
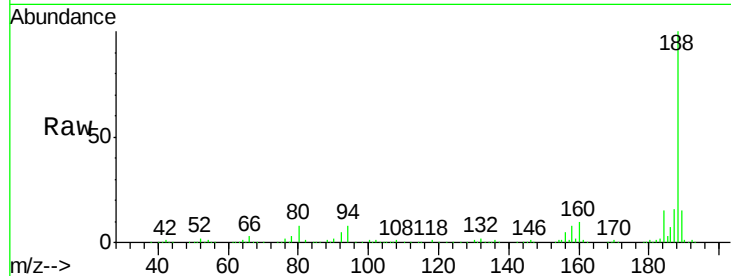




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF086514.D
Acq: 30 Apr 2016 10:45

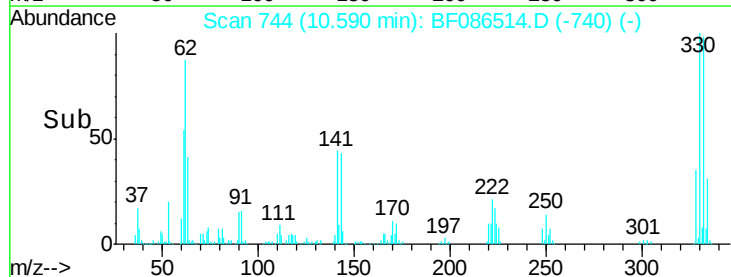
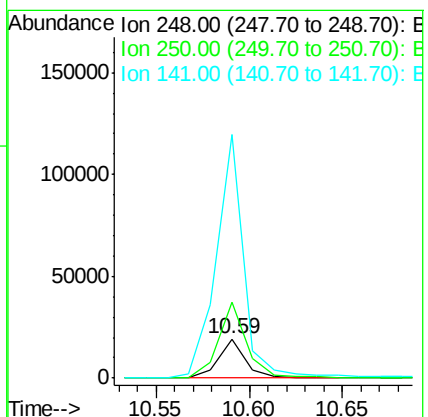
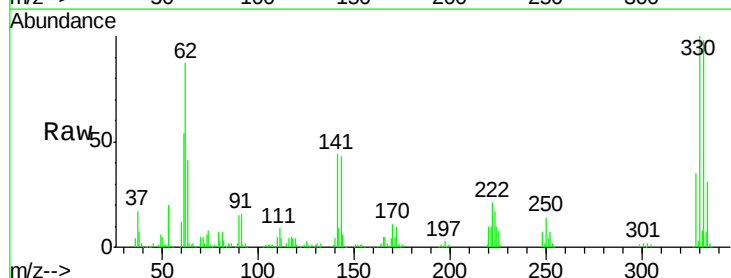
Instrument :
BNA_F
ClientSampleId :

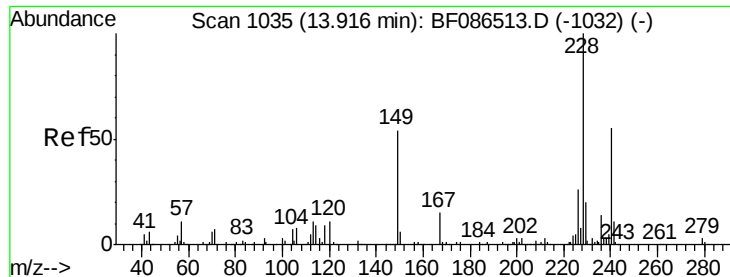
Tot Ion:188 Resp: 595774
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 8.3 7.1 10.7



#66
4-Bromophenyl-phenylether
Concen: 3.20 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF086514.D
Acq: 30 Apr 2016 10:45

Tgt Ion:248 Resp: 19634
Ion Ratio Lower Upper
248 100
250 194.1 78.6 117.8#
141 618.5 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086514.D

Acq: 30 Apr 2016 10:45

Instrument :

BNA_F

ClientSampleId :

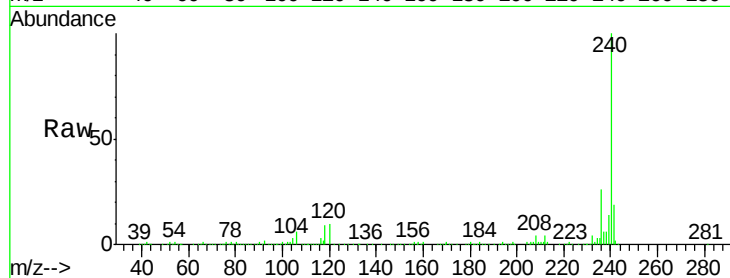
Tot Ion:240 Resp: 540356

Ion Ratio Lower Upper

240 100

120 9.6 11.2 16.8#

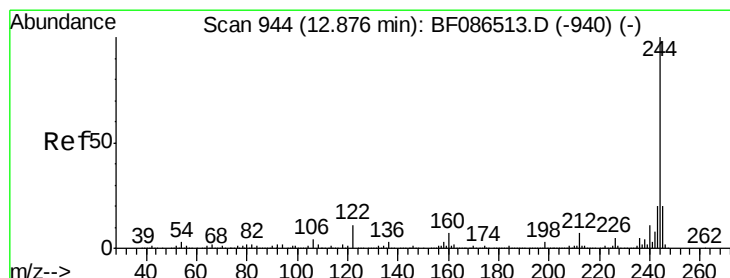
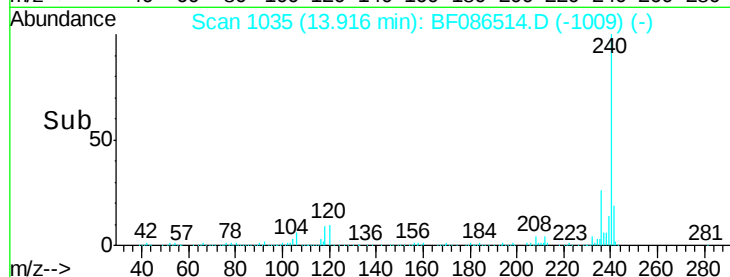
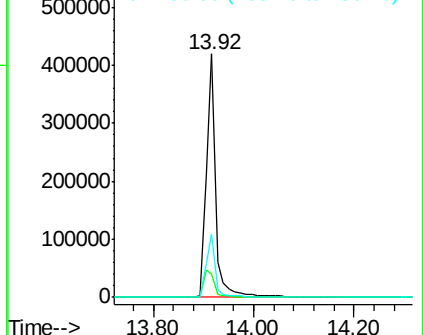
236 26.0 21.2 31.8



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: 66.35 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF086514.D

Acq: 30 Apr 2016 10:45

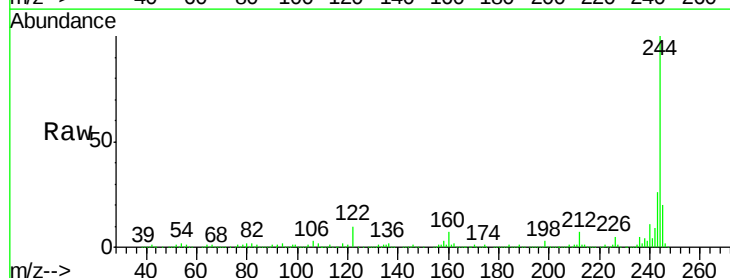
Tgt Ion:244 Resp: 1627257

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

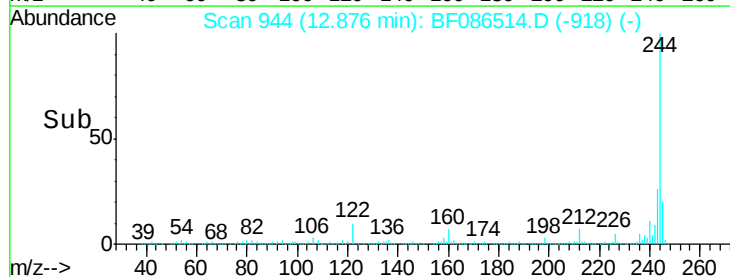
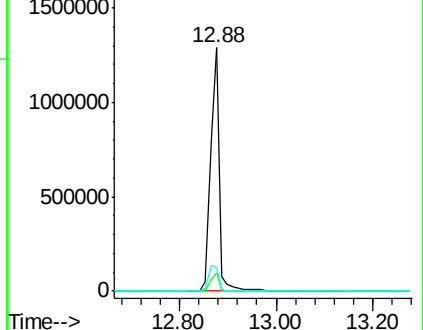
122 9.8 12.0 18.0#

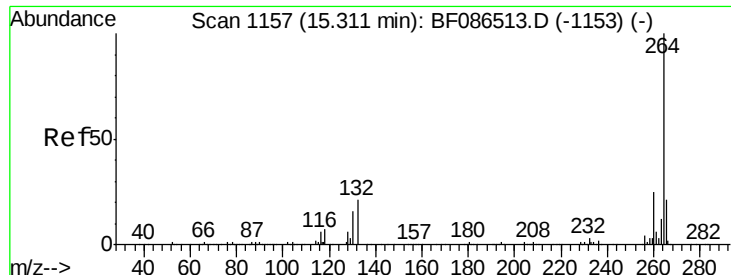


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

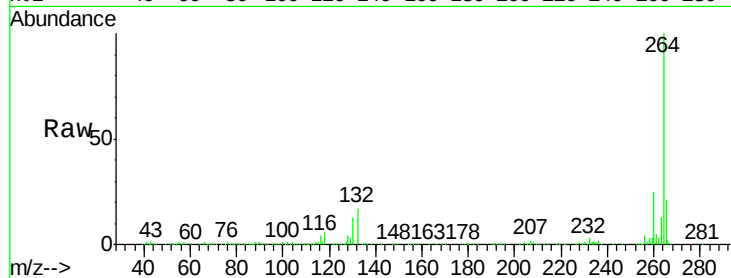




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF086514.D
 Acq: 30 Apr 2016 10:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	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

