

Data Path : Z:\HPCHEM1\BNA F\Data\BF051216\
 Data File : BF086964.D
 Acq On : 13 May 2016 9:37
 Operator : UM/SJ
 Sample : H2959-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 13 14:38:10 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

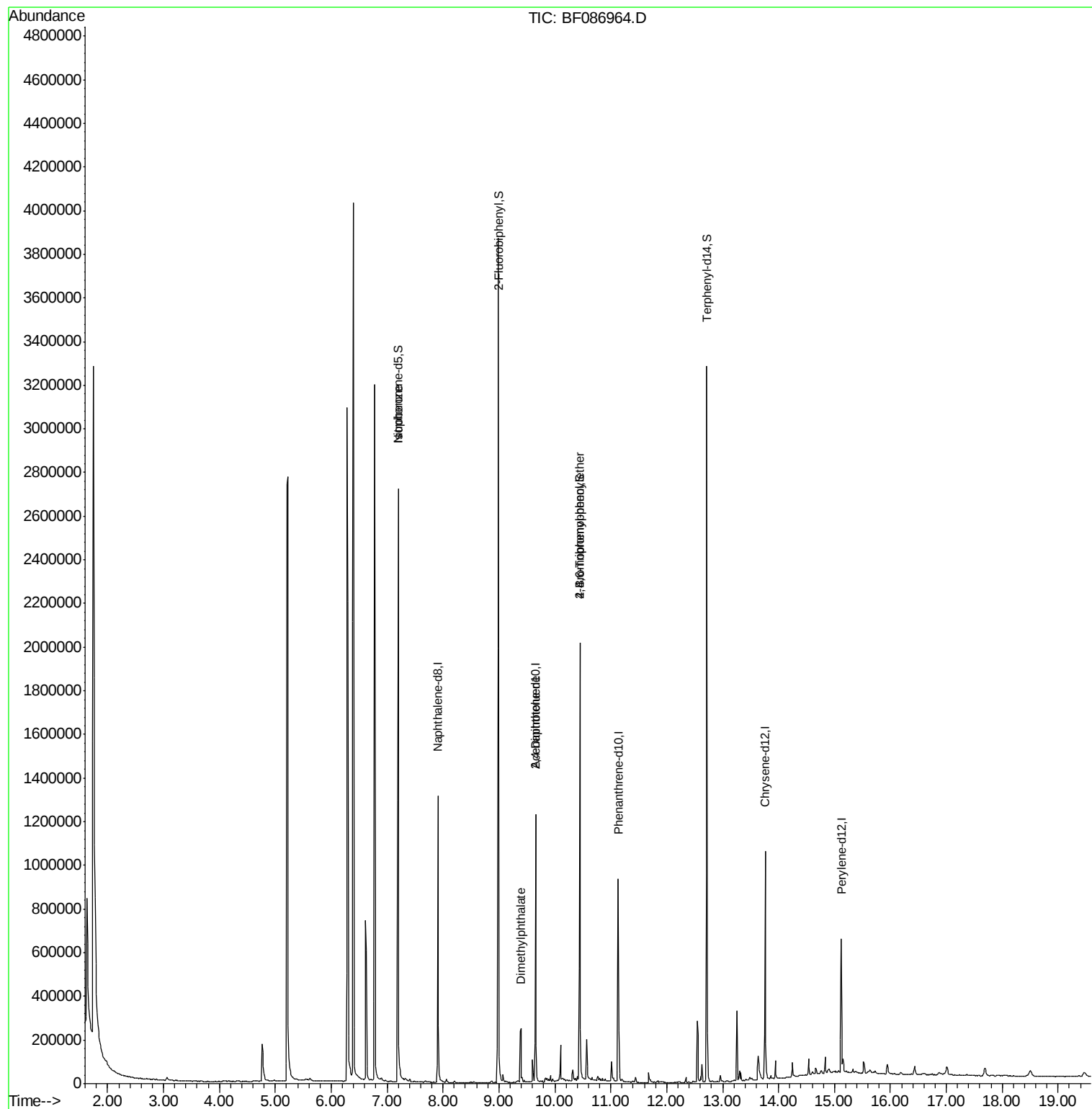
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.69
21) Naphthalene-d8	7.91	136	546981	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	220905	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	335819	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	324474	20.00	ng	-0.08
86) Perylene-d12	15.12	264	249000	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1063423	0.00	ng	-0.07
7) Phenol-d6	6.28	99	1352947	0.00	ng	-0.08
23) Nitrobenzene-d5	7.20	82	951008	87.30	ng	-0.07
41) 2,4,6-Tribromophenol	10.44	330	207729	88.82	ng	-0.08
44) 2-Fluorobiphenyl	8.99	172	1378505	104.88	ng	-0.07
78) Terphenyl-d14	12.72	244	961602	62.88	ng	-0.08
Target Compounds						
25) Isophorone	7.20	82	931418	46.08	ng	# 68
49) Dimethylphthalate	9.39	163	141784	8.41	ng	# 98
56) 2,4-Dinitrotoluene	9.66	165	27389	6.24	ng	# 16
66) 4-Bromophenyl-phenylether	10.44	248	13479	3.96	ng	# 1

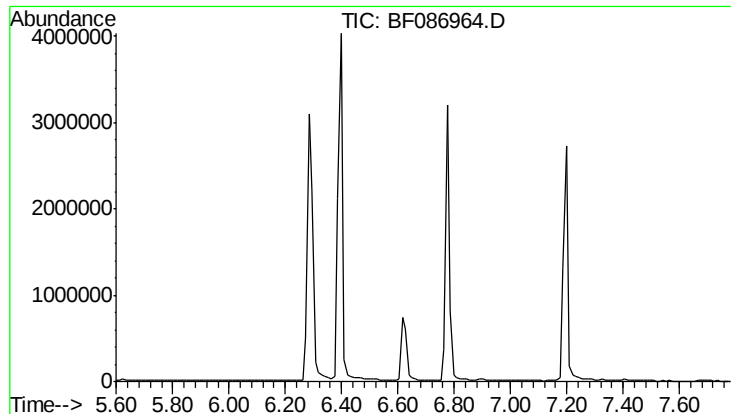
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.69 min

Lab File: BF086964.D

Acq: 13 May 2016 9:37

Instrument :

BNA_F

ClientSampleId :

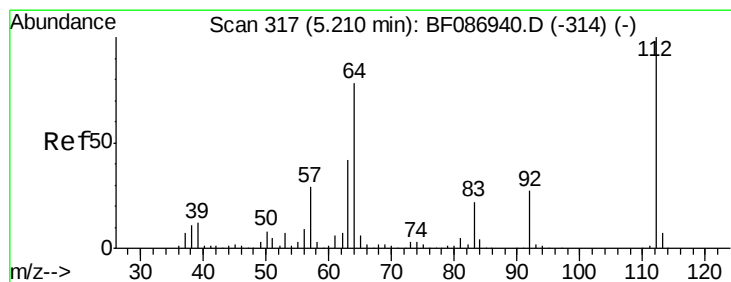
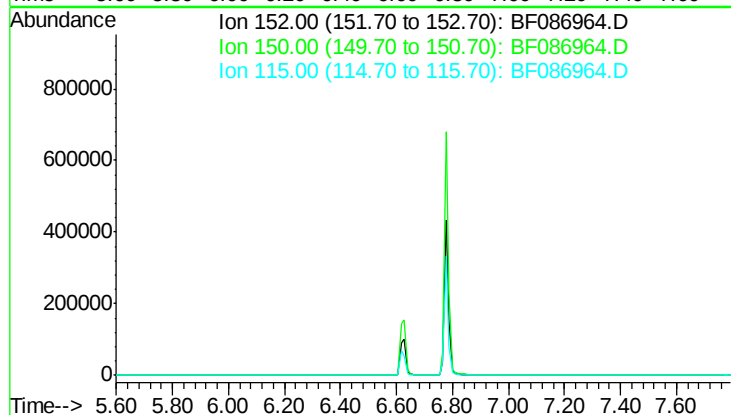
Tot Ion: 152

Sig Exp Ratio

152 100

150 157.2

115 64.4



#5

2-Fluorophenol

Concen: 0.00 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.07 min

Lab File: BF086964.D

Acq: 13 May 2016 9:37

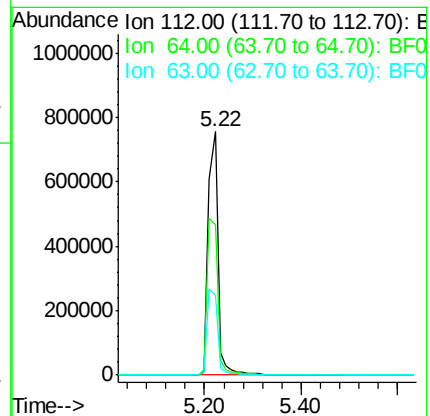
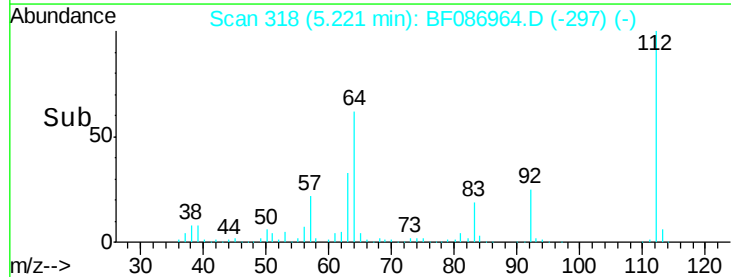
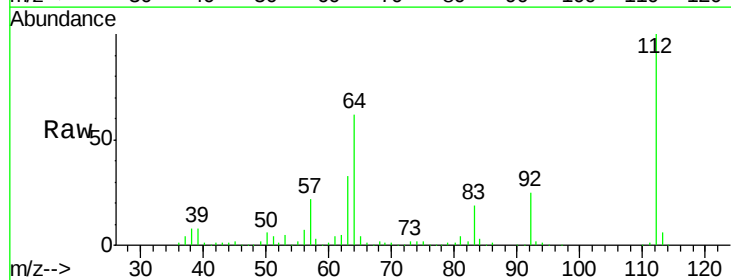
Tgt Ion:112 Resp: 1063423

Ion Ratio Lower Upper

112 100

64 61.5 52.1 78.1

63 32.8 25.7 38.5





#7

Phenol-d6

Concen: 0.00 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF086964.D

Acq: 13 May 2016 9:37

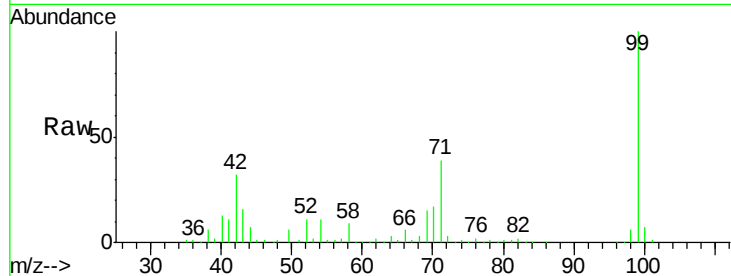
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1352947

Ion	Ratio	Lower	Upper
99	100		
42	32.1	13.6	20.4#
71	39.5	24.6	36.8#

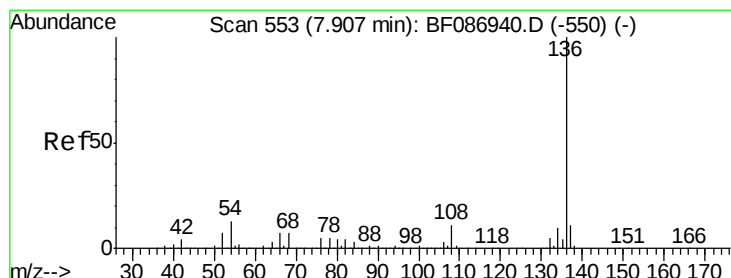
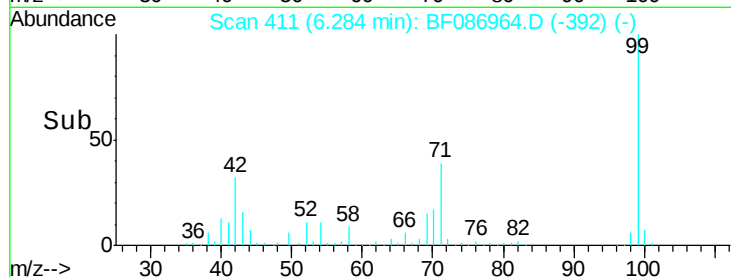
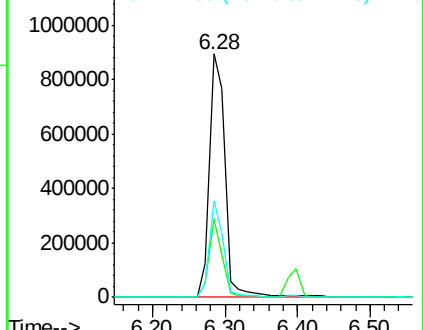


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

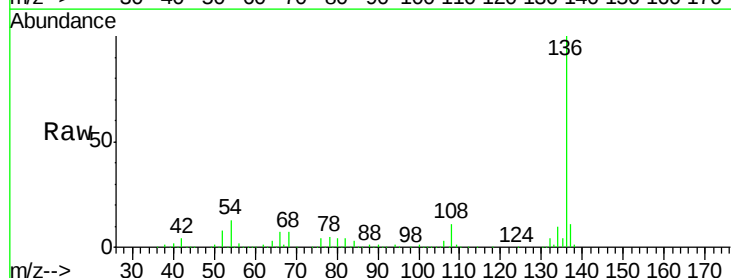
Delta R.T. -0.08 min

Lab File: BF086964.D

Acq: 13 May 2016 9:37

Tgt Ion: 136 Resp: 546981

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	13.3	5.0	7.4#
68	7.2	4.4	6.6#



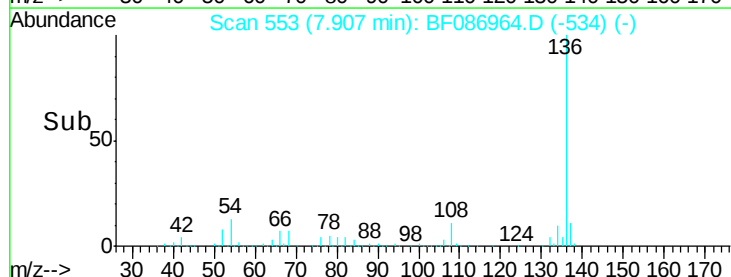
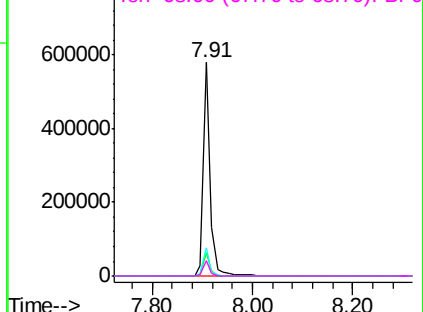
Abundance

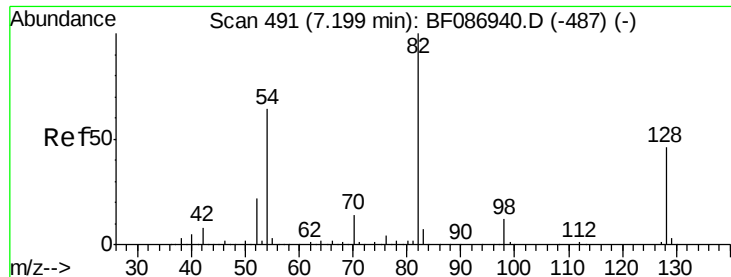
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

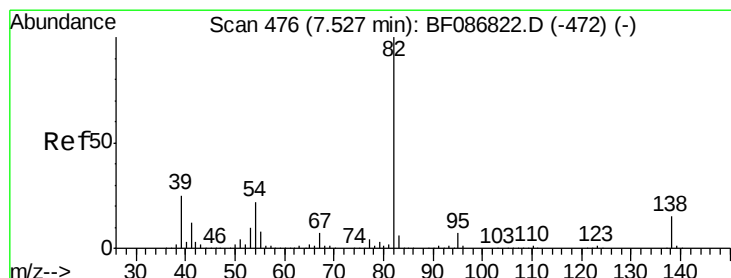
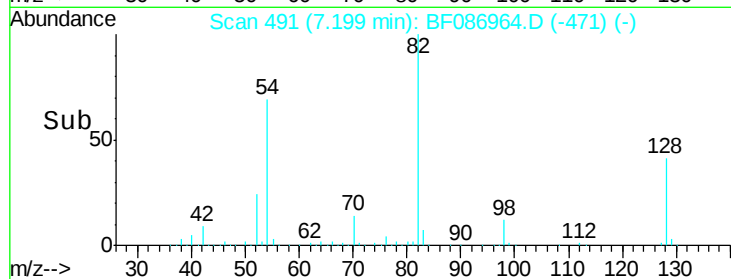
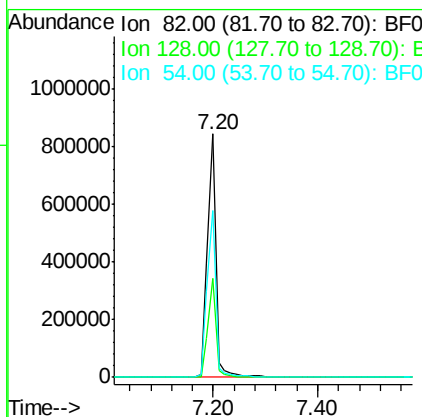
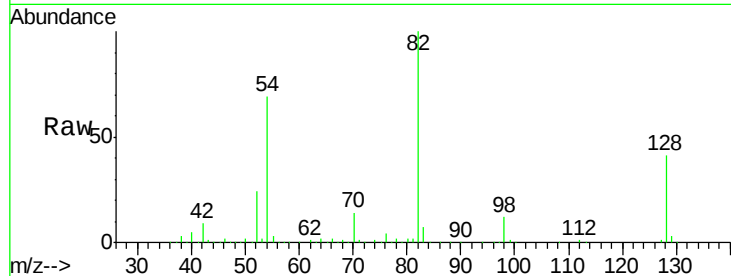




#23
 Nitrobenzene-d5
 Concen: 87.30 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.07 min
 Lab File: BF086964.D
 Acq: 13 May 2016 9:37

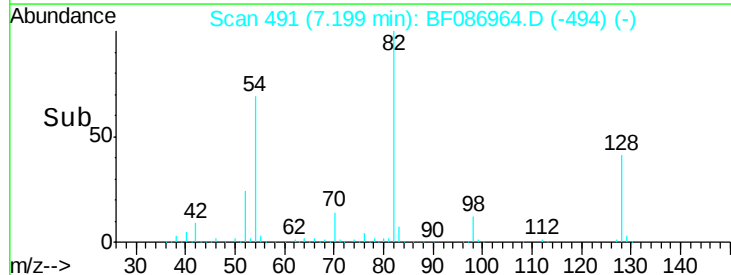
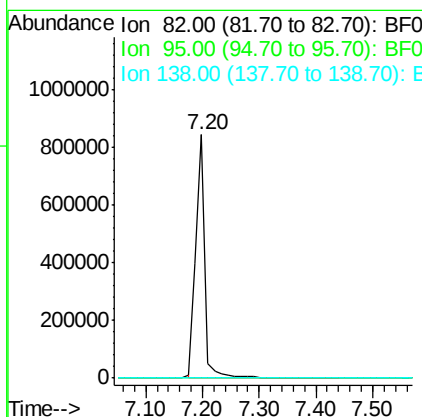
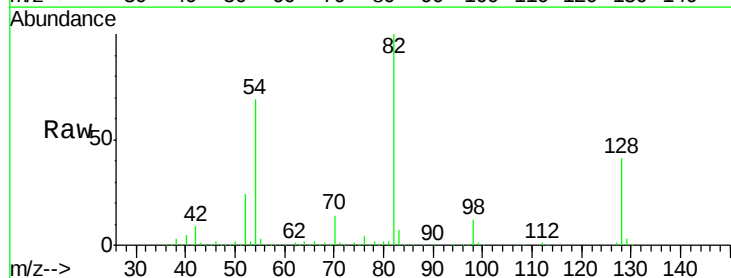
Instrument :
 BNA_F
 ClientSampleId :

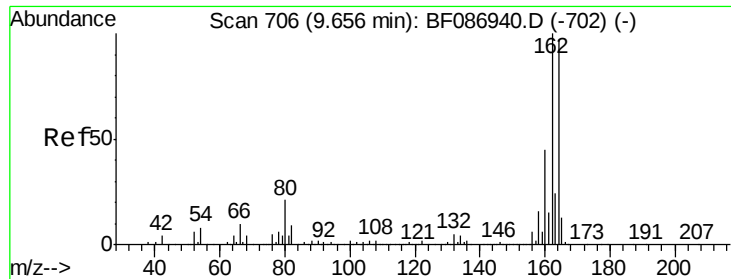
Tot Ion: 82 Resp: 951008
 Ion Ratio Lower Upper
 82 100
 128 40.9 40.6 61.0
 54 68.6 38.1 57.1#



#25
 Isophorone
 Concen: 46.08 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.33 min
 Lab File: BF086964.D
 Acq: 13 May 2016 9:37

Tgt Ion: 82 Resp: 931418
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#

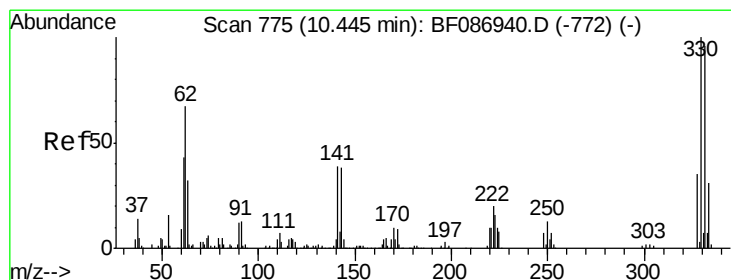
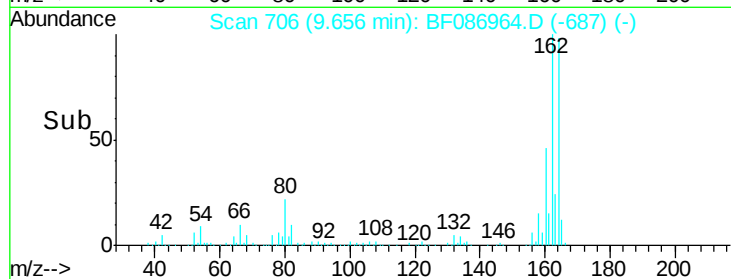
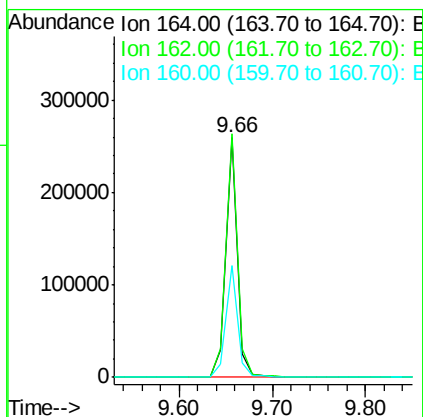
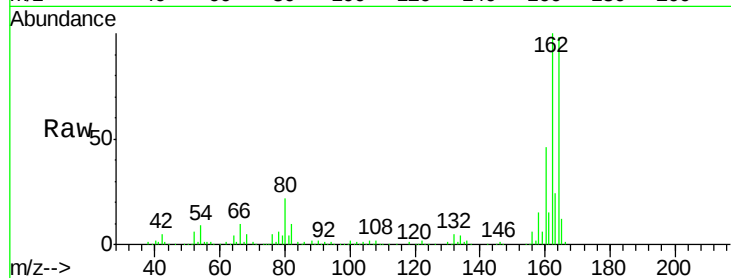




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.08 min
 Lab File: BF086964.D
 Acq: 13 May 2016 9:37

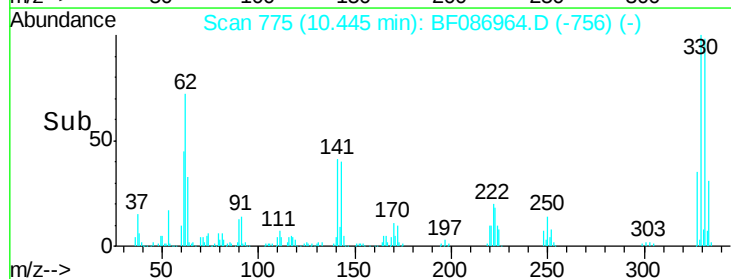
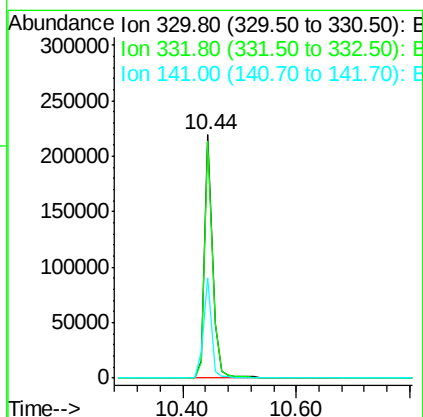
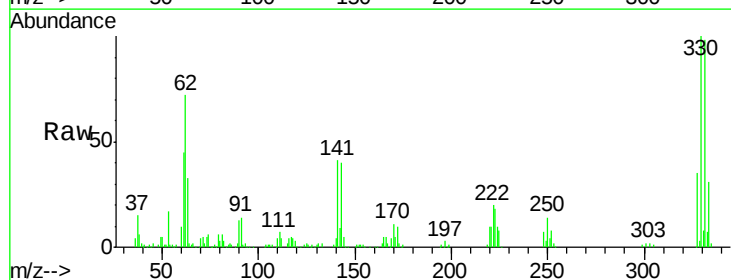
Instrument :
 BNA_F
 ClientSampleId :

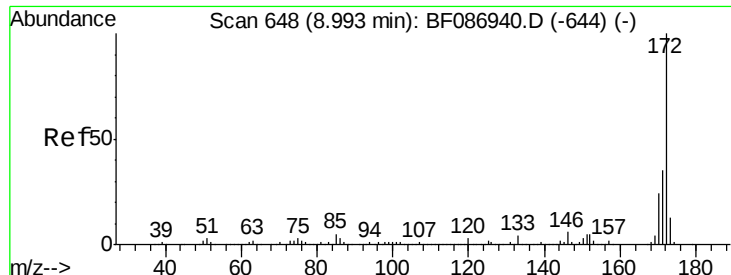
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.8	124.2
160	46.5	36.9	55.3



#41
 2,4,6-Tribromophenol
 Concen: 88.82 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF086964.D
 Acq: 13 May 2016 9:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.0	118.4
141	41.5	31.2	46.8



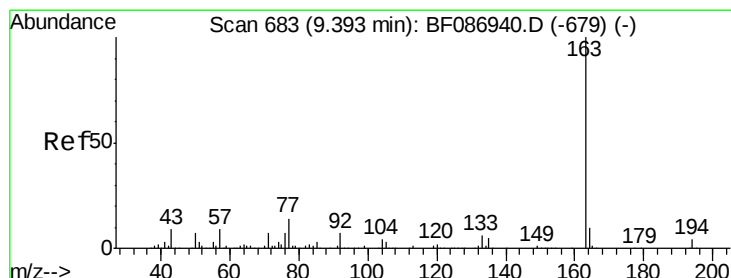
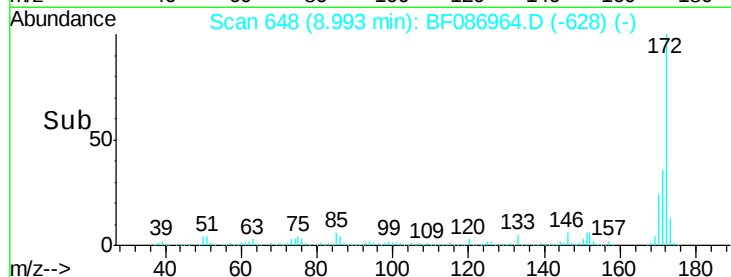
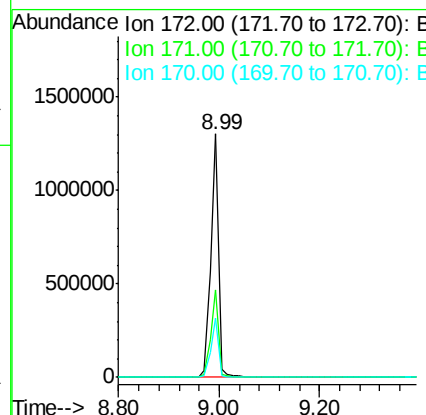
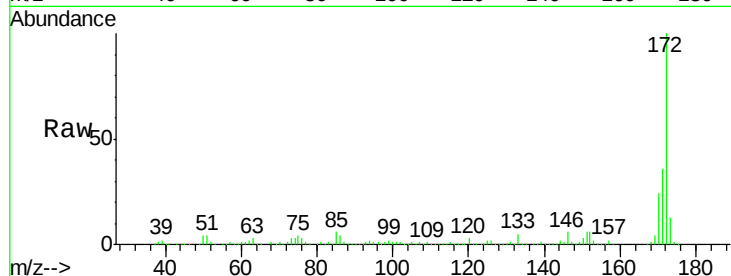


#44
 2-Fluorobiphenyl
 Concen: 104.88 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.07 min
 Lab File: BF086964.D
 Acq: 13 May 2016 9:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1378505

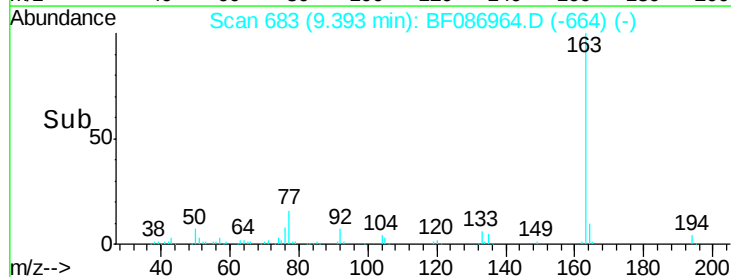
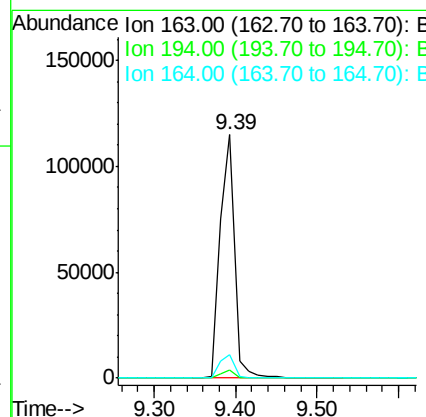
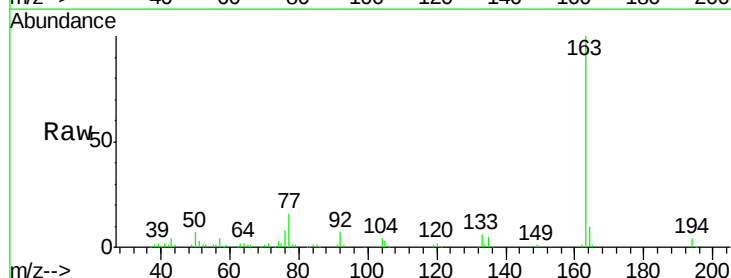
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.2	19.8	29.8

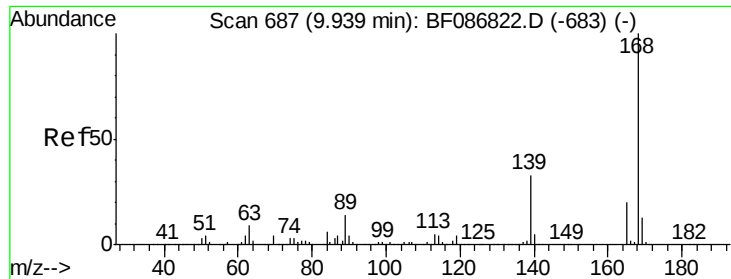


#49
 Dimethylphthalate
 Concen: 8.41 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.08 min
 Lab File: BF086964.D
 Acq: 13 May 2016 9:37

Tgt Ion:163 Resp: 141784

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.6	8.2	12.4

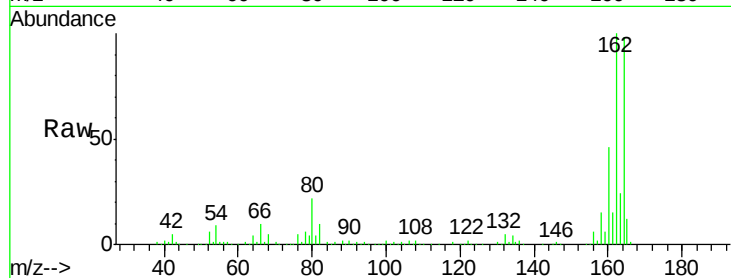




#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.28 min
 Lab File: BF086964.D
 Acq: 13 May 2016 9:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.3	66.5#
89	2.1	70.0	105.0#
182	0.0	1.8	2.6#

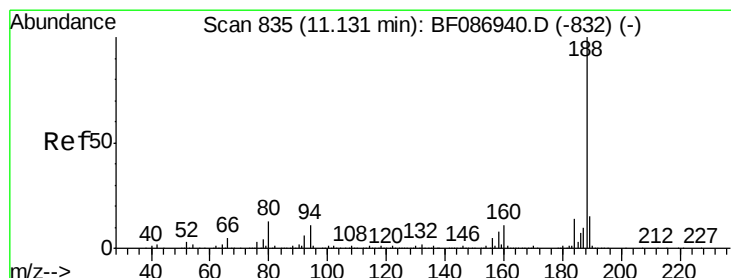
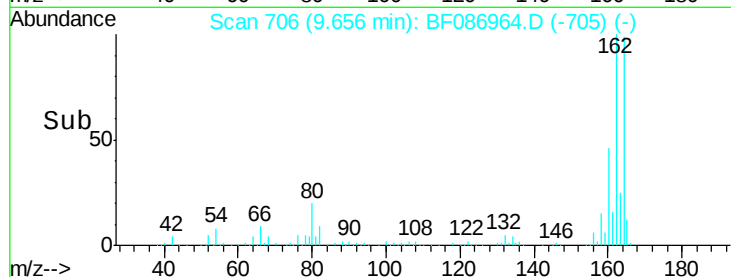
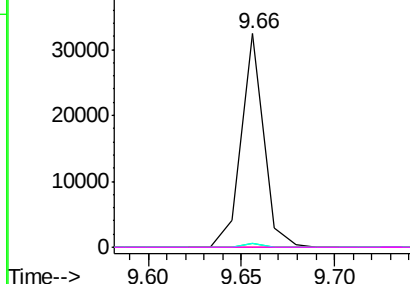


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

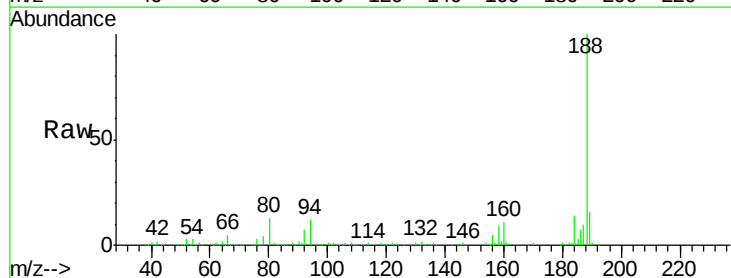
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.08 min
 Lab File: BF086964.D
 Acq: 13 May 2016 9:37

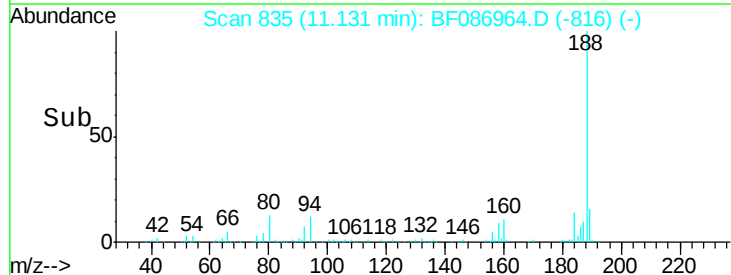
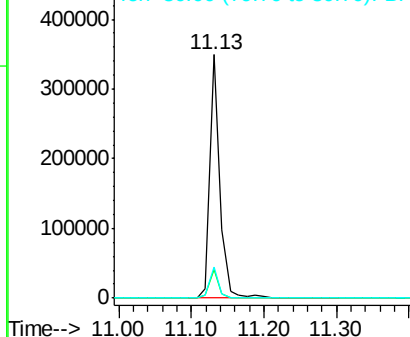
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	6.8	10.2#
80	12.9	7.1	10.7#

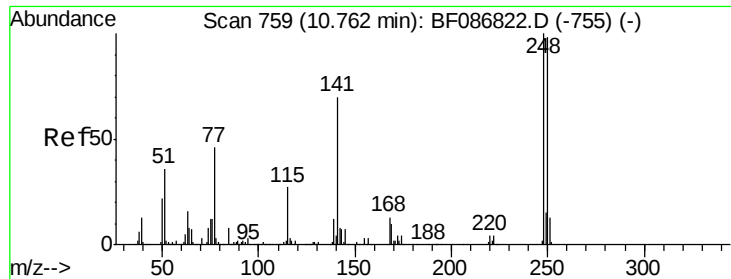


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

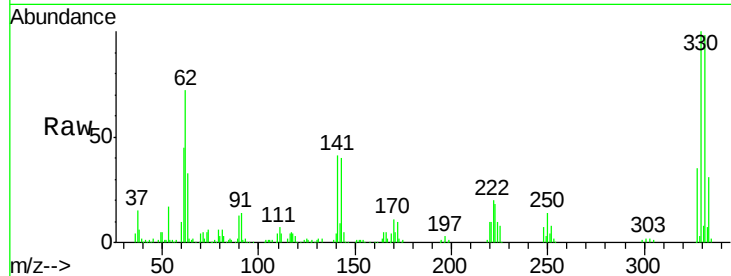




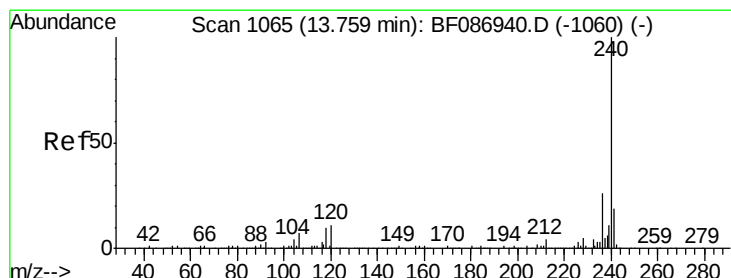
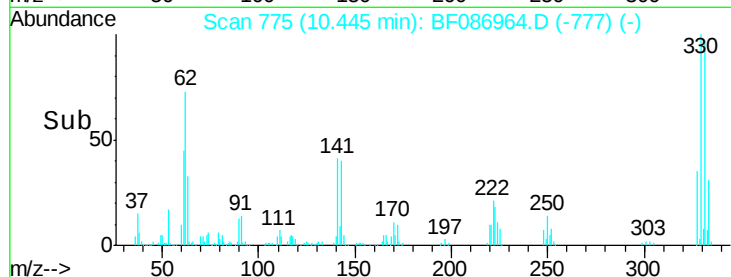
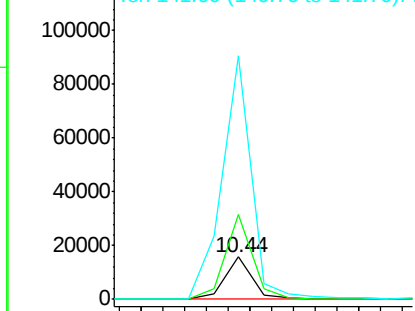
#66
4-Bromophenyl-phenylether
Concen: 3.96 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.32 min
Lab File: BF086964.D
Acq: 13 May 2016 9:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13479
Ion Ratio Lower Upper
248 100
250 200.6 78.6 117.8#
141 579.3 76.0 114.0#

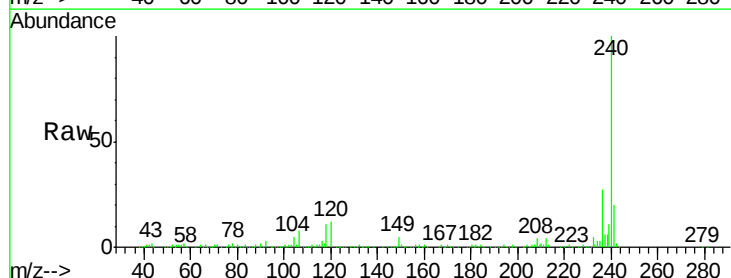


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

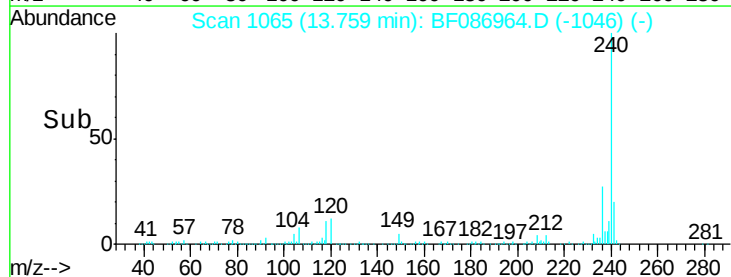
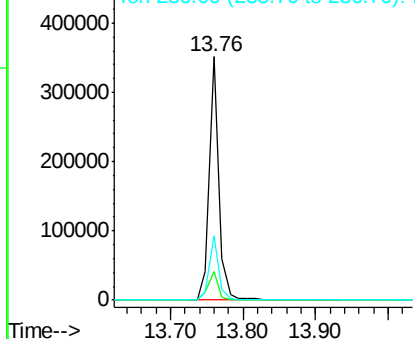


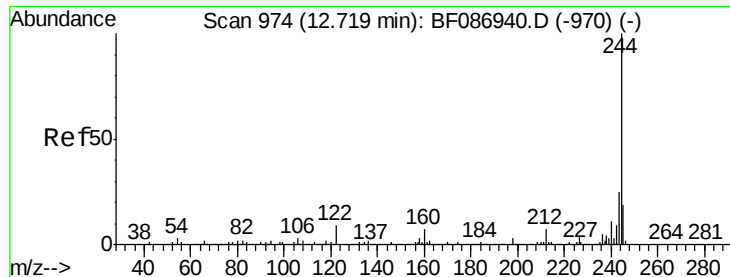
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.08 min
Lab File: BF086964.D
Acq: 13 May 2016 9:37

Tgt Ion:240 Resp: 324474
Ion Ratio Lower Upper
240 100
120 11.7 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

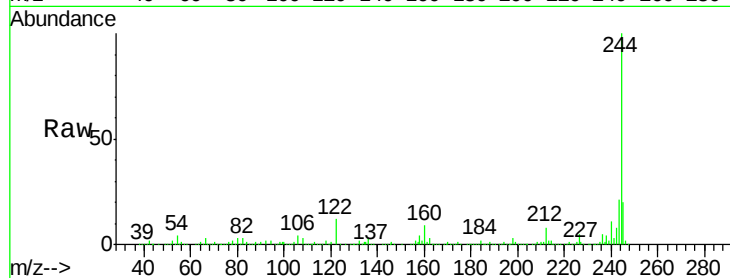




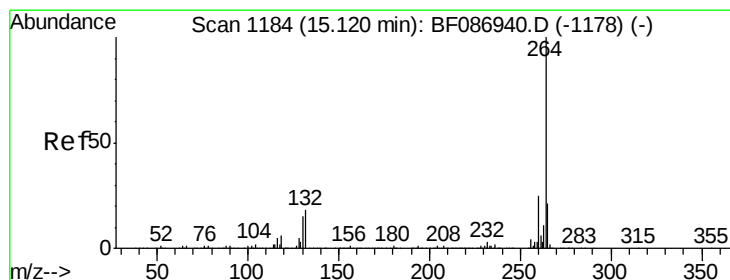
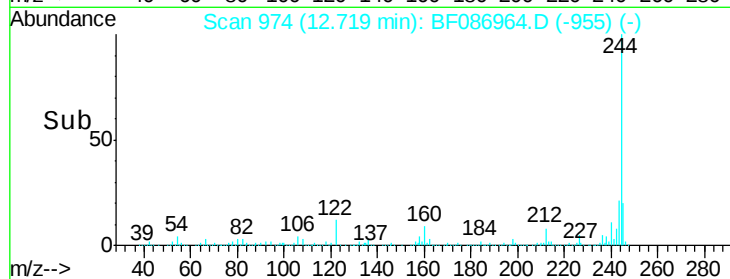
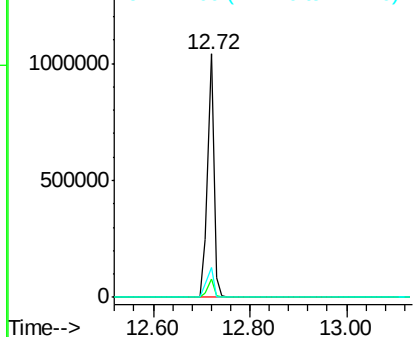
#78
 Terphenyl-d14
 Concen: 62.88 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.08 min
 Lab File: BF086964.D
 Acq: 13 May 2016 9:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 961602
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 12.2 12.0 18.0

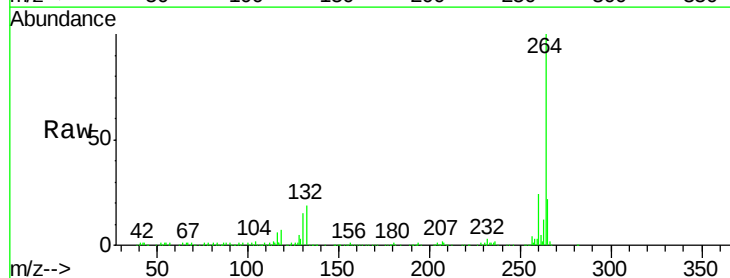


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1184
 Delta R.T. -0.09 min
 Lab File: BF086964.D
 Acq: 13 May 2016 9:37

Tgt Ion:264 Resp: 249000
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.7 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

