

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090216\
 Data File : BF089981.D
 Acq On : 2 Sep 2016 18:08
 Operator : UM/SJ
 Sample : H4675-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 02 18:43:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

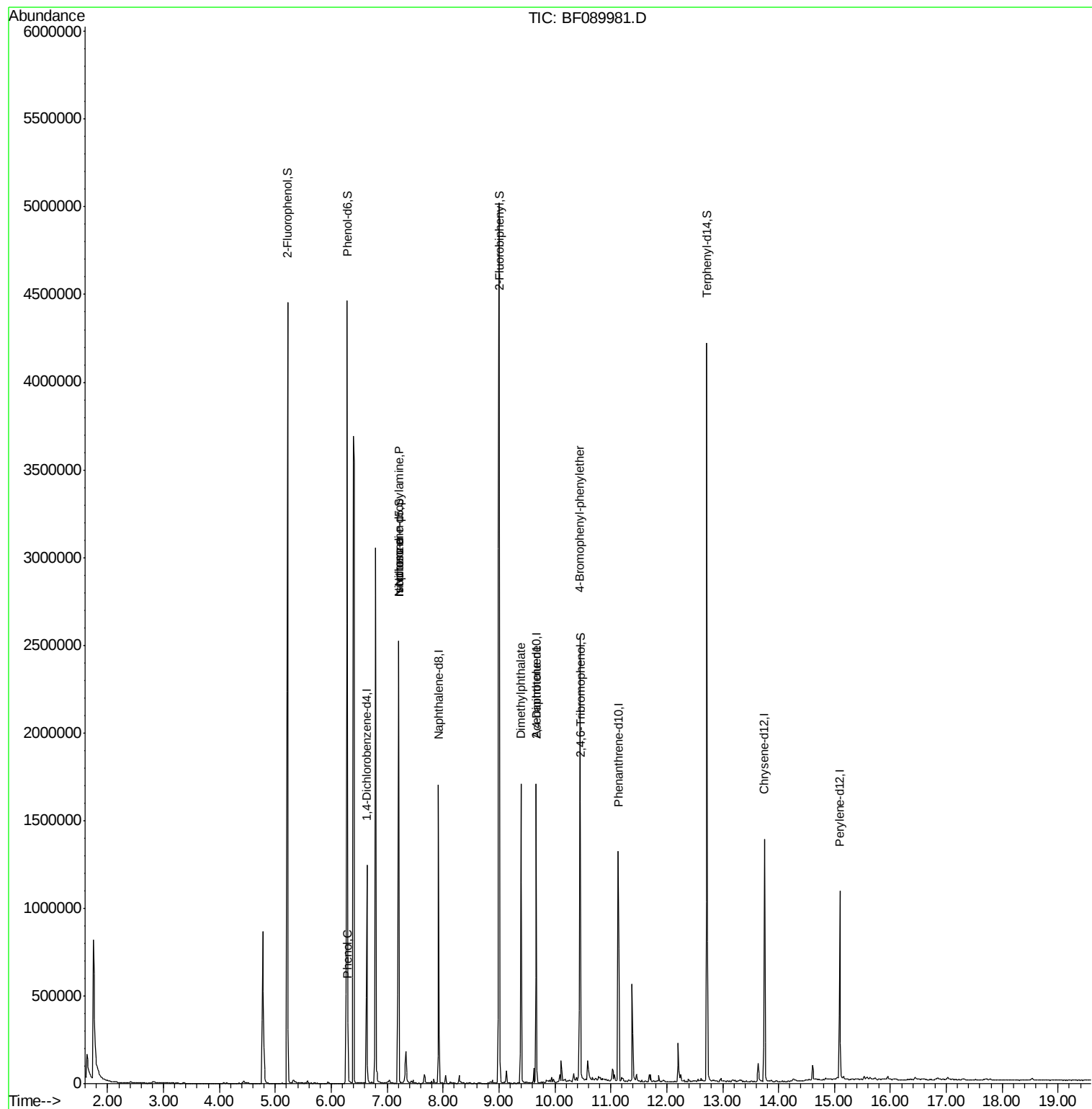
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	196030	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	724238	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	371587	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	598026	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	456628	20.00	ng	-0.01
86) Perylene-d12	15.10	264	434507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1412338	115.32	ng	0.01
7) Phenol-d6	6.28	99	1783867	119.87	ng	0.00
23) Nitrobenzene-d5	7.21	82	1203431	96.37	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	441772	120.51	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	2013108	88.93	ng	0.00
78) Terphenyl-d14	12.72	244	1429166	77.32	ng	-0.01
Target Compounds						
10) Phenol	6.30	94	72868	4.21	ng	# 57
19) n-Nitroso-di-n-propylamine	7.21	70	158891	16.38	ng	# 75
25) Isophorone	7.21	82	1085492	42.75	ng	# 65
49) Dimethylphthalate	9.39	163	1004242	37.39	ng	100
56) 2,4-Dinitrotoluene	9.67	165	47870	6.32	ng	# 29
66) 4-Bromophenyl-phenylether	10.44	248	27162	4.51	ng	# 1

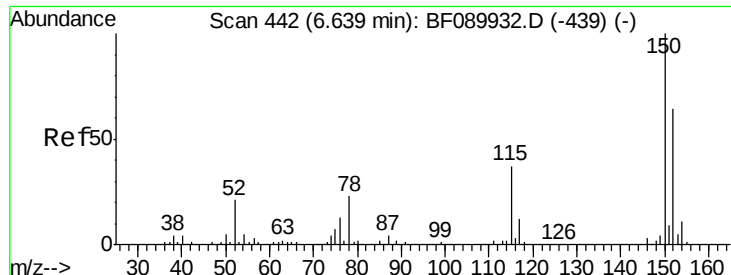
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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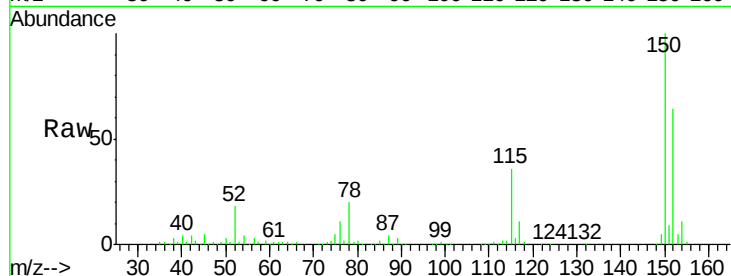


#1

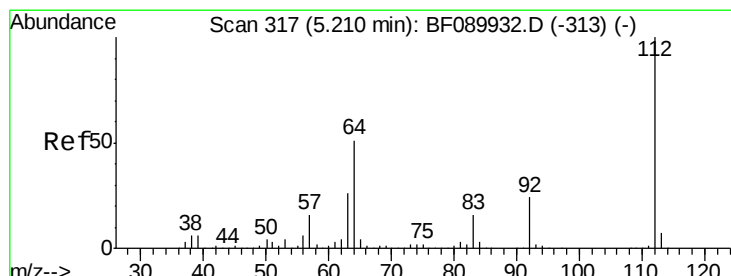
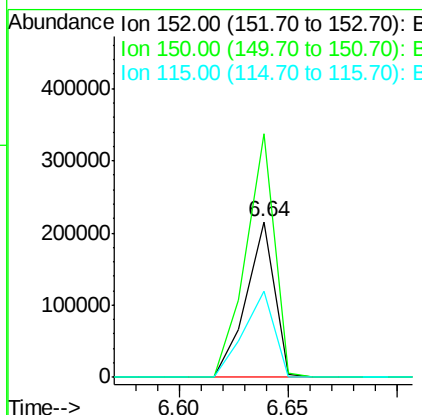
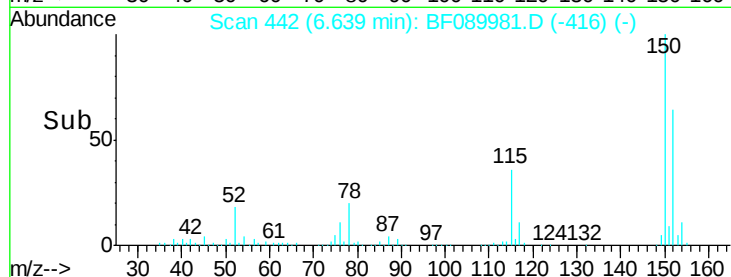
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089981.D
Acq: 2 Sep 2016 18:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 196030
Ion Ratio Lower Upper
152 100
150 156.5 127.4 191.2
115 55.6 46.3 69.5



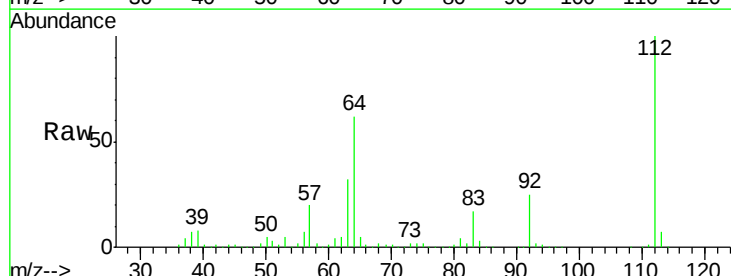
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



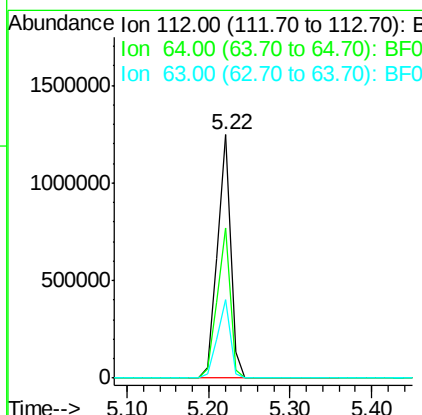
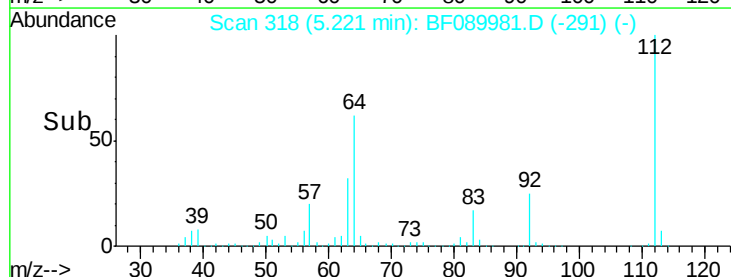
#5

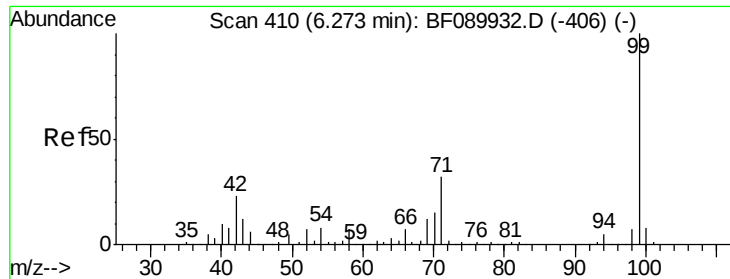
2-Fluorophenol
Concen: 115.32 ng
RT: 5.22 min Scan# 318
Delta R.T. 0.01 min
Lab File: BF089981.D
Acq: 2 Sep 2016 18:08

Tgt Ion:112 Resp: 1412338
Ion Ratio Lower Upper
112 100
64 61.6 41.1 61.7
63 32.0 21.2 31.8#



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: 119.87 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089981.D

Acq: 2 Sep 2016 18:08

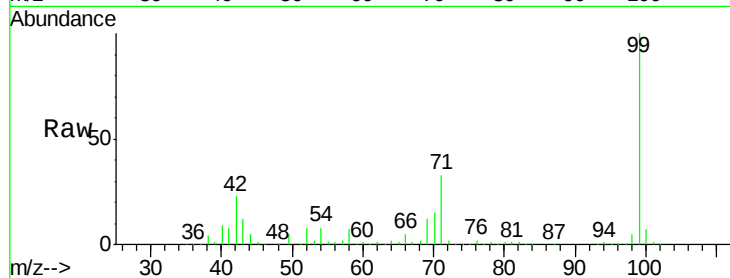
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1783867

Ion	Ratio	Lower	Upper
99	100		
42	23.0	18.6	27.8
71	32.9	25.8	38.6

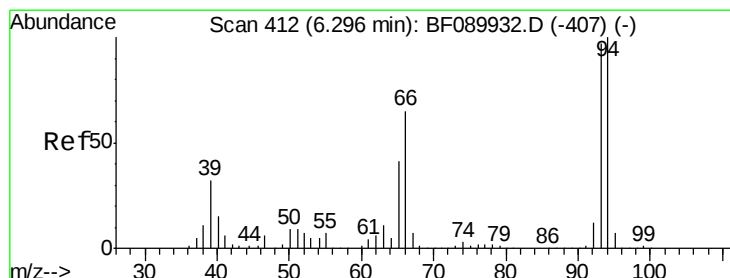
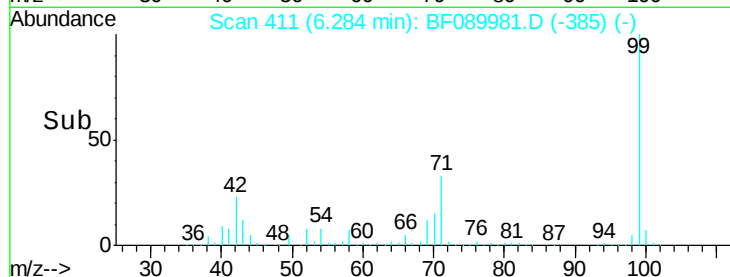
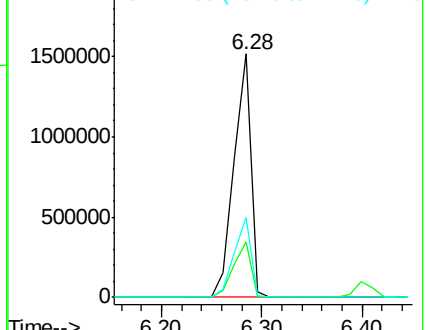


Abundance

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



#10

Phenol

Concen: 4.21 ng

RT: 6.30 min Scan# 412

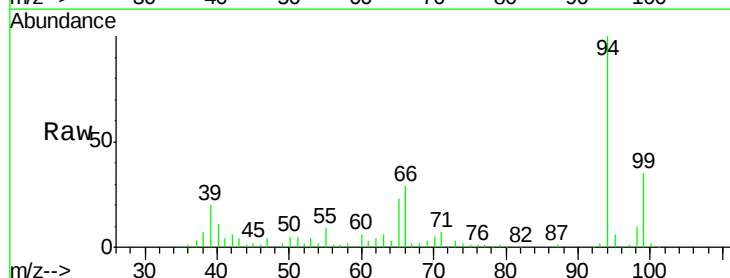
Delta R.T. 0.00 min

Lab File: BF089981.D

Acq: 2 Sep 2016 18:08

Tgt Ion: 94 Resp: 72868

Ion	Ratio	Lower	Upper
94	100		
65	22.7	23.2	63.2#
66	28.9	49.2	89.2#

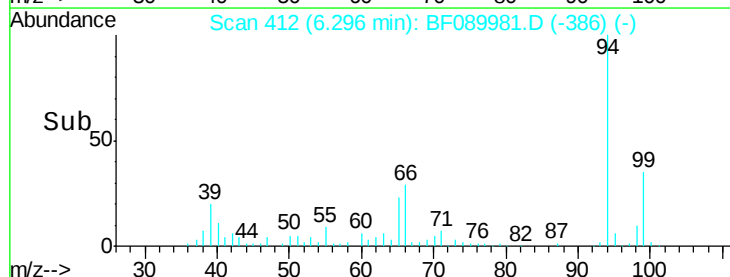
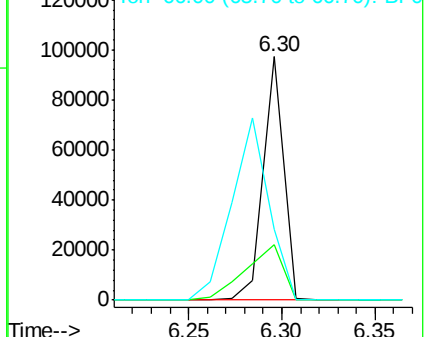


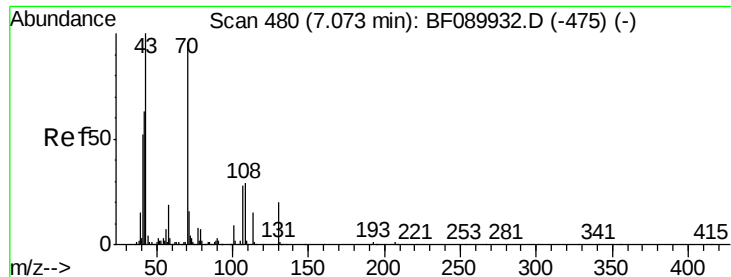
Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 16.38 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.14 min

Lab File: BF089981.D

Acq: 2 Sep 2016 18:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 158891

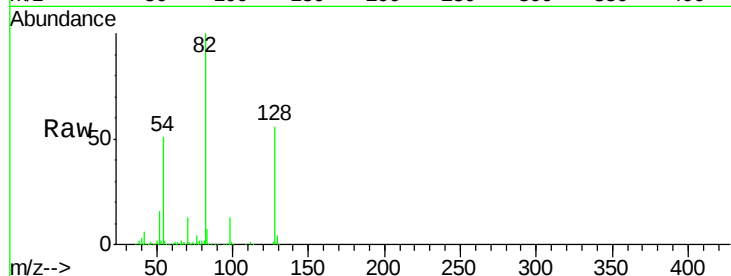
Ion Ratio Lower Upper

70 100

42 49.5 52.1 78.1#

101 0.0 7.4 11.2#

130 2.3 17.0 25.4#

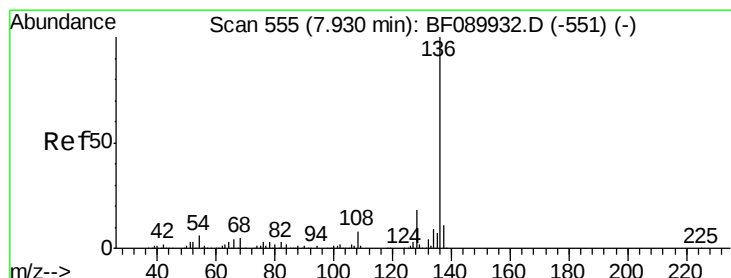
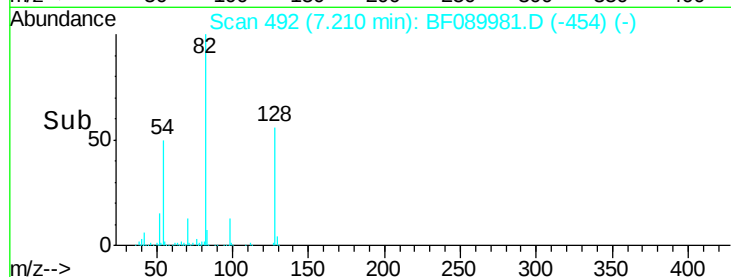
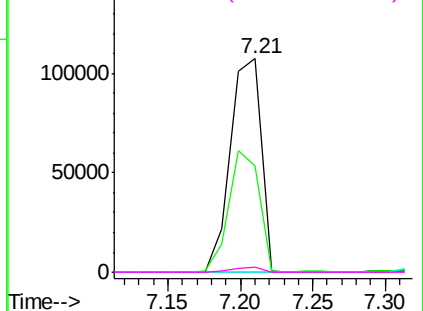


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089981.D

Acq: 2 Sep 2016 18:08

Tgt Ion: 136 Resp: 724238

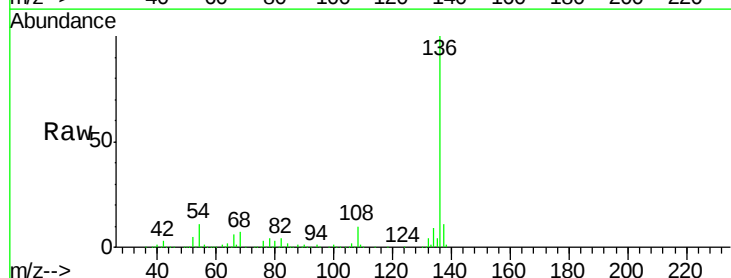
Ion Ratio Lower Upper

136 100

137 11.4 8.3 12.5

54 10.6 4.8 7.2#

68 6.8 3.7 5.5#

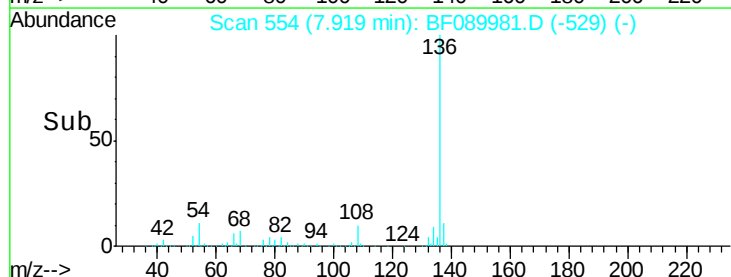
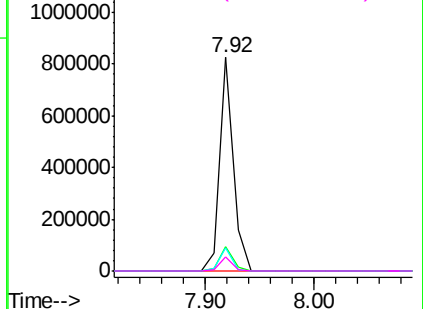


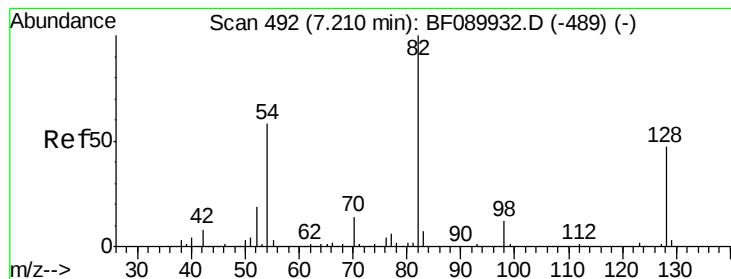
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 96.37 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF089981.D

Acq: 2 Sep 2016 18:08

Instrument :

BNA_F

ClientSampleId :

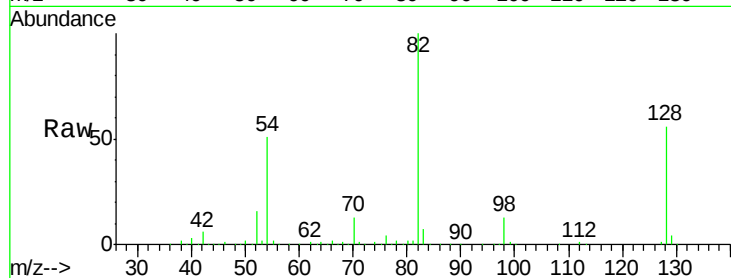
Tot Ion: 82 Resp: 1203431

Ion Ratio Lower Upper

82 100

128 55.6 37.8 56.8

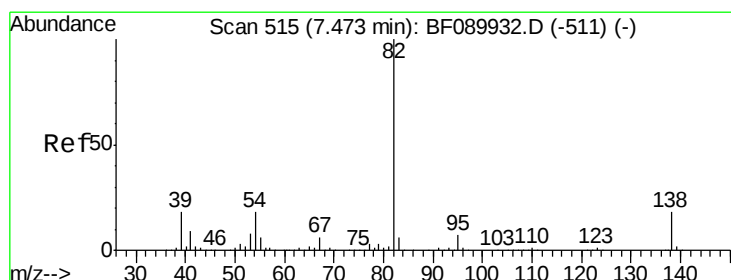
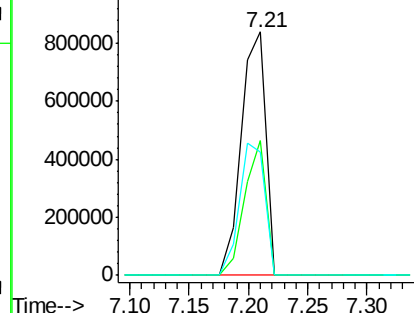
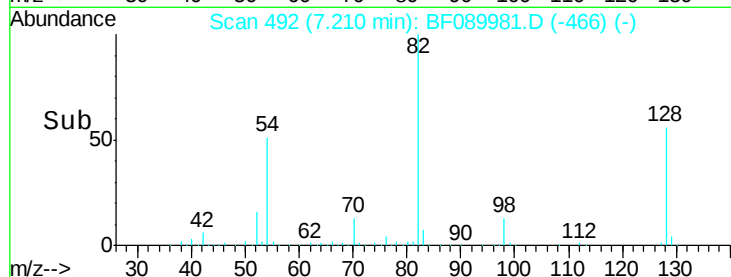
54 50.7 46.9 70.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 42.75 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.26 min

Lab File: BF089981.D

Acq: 2 Sep 2016 18:08

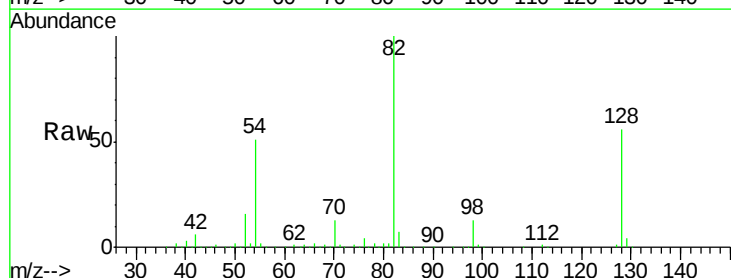
Tgt Ion: 82 Resp: 1085492

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

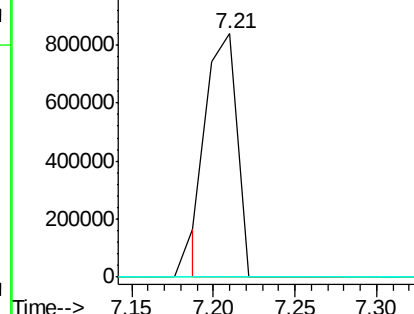
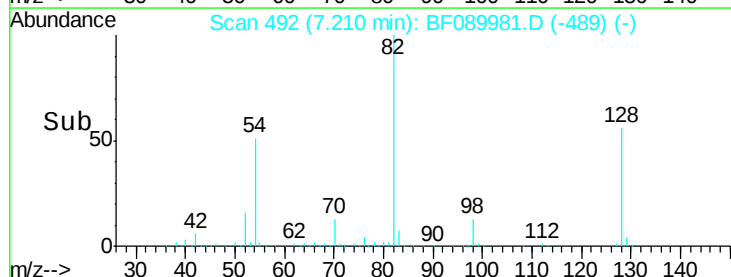
138 0.0 14.4 21.6#

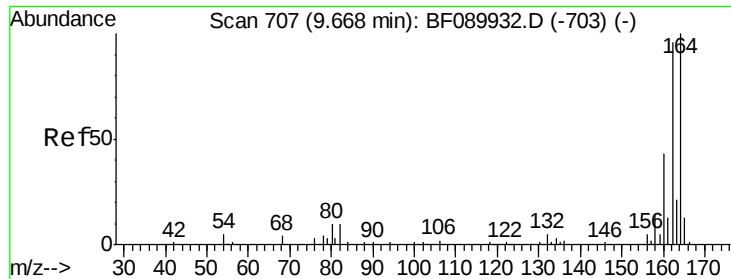


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

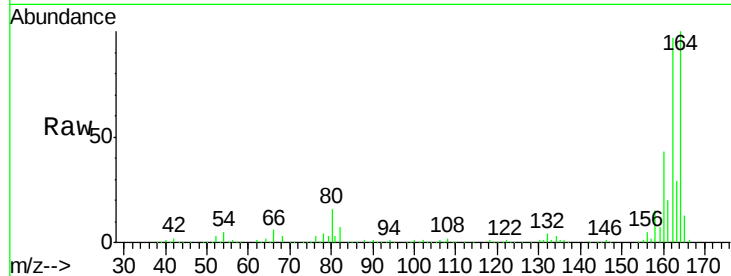




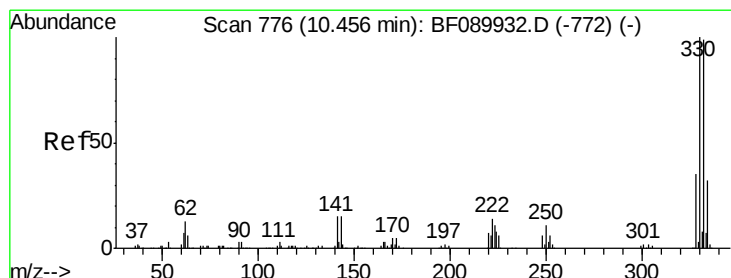
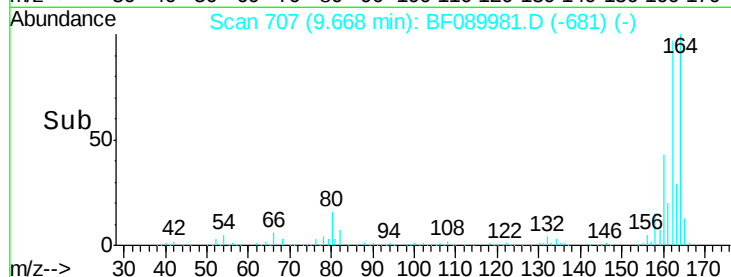
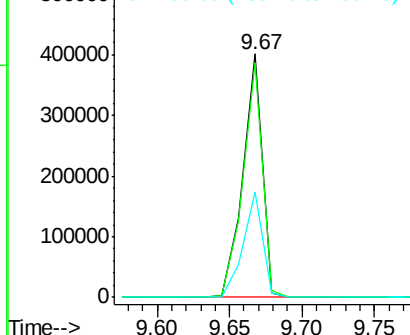
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089981.D
Acq: 2 Sep 2016 18:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 371587
Ion Ratio Lower Upper
164 100
162 96.6 77.1 115.7
160 43.3 35.3 52.9

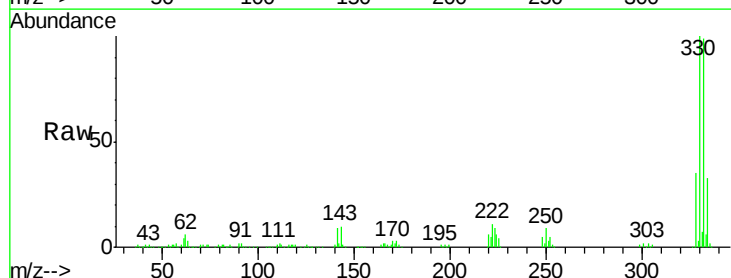


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

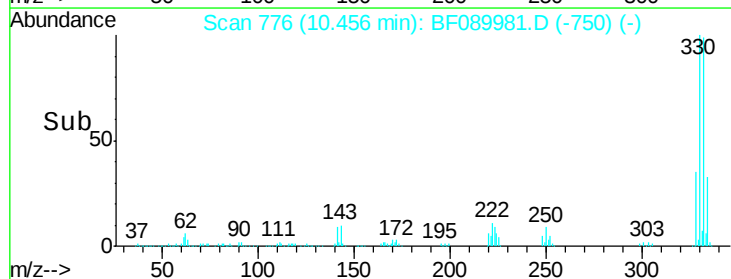
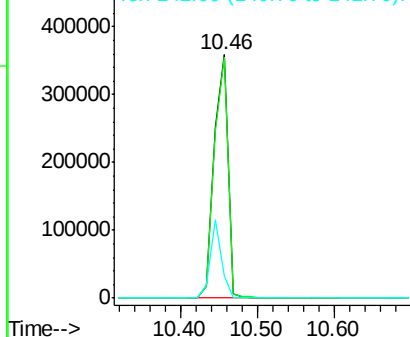


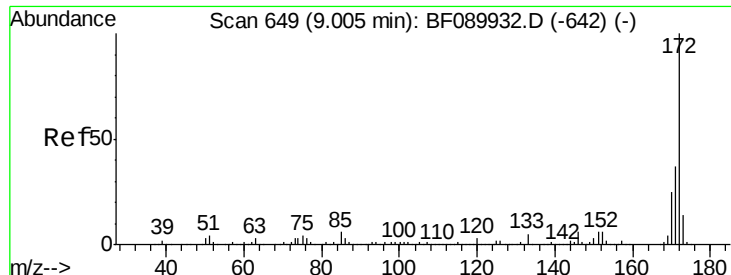
#41
2,4,6-Tribromophenol
Concen: 120.51 ng
RT: 10.46 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF089981.D
Acq: 2 Sep 2016 18:08

Tgt Ion:330 Resp: 441772
Ion Ratio Lower Upper
330 100
332 98.4 78.6 117.8
141 27.1 23.3 34.9



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

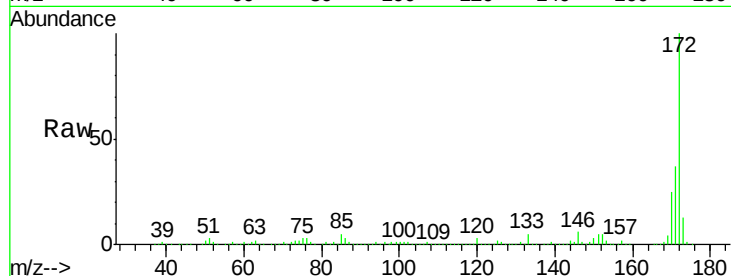




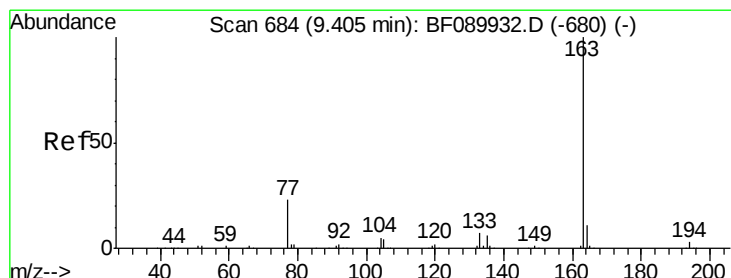
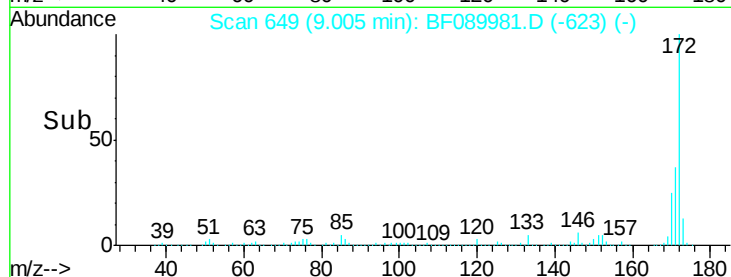
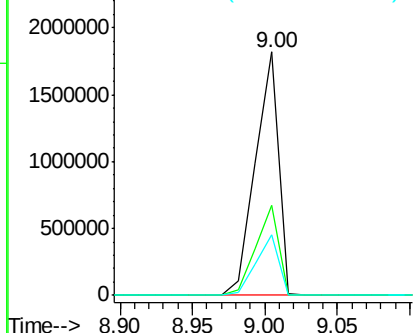
#44
2-Fluorobiphenyl
Concen: 88.93 ng
RT: 9.00 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF089981.D
Acq: 2 Sep 2016 18:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2013108
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.2
170 24.7 20.1 30.1

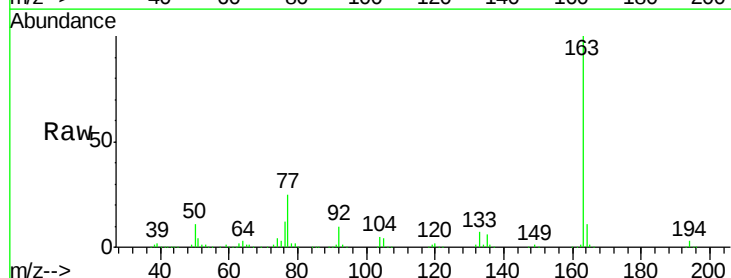


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

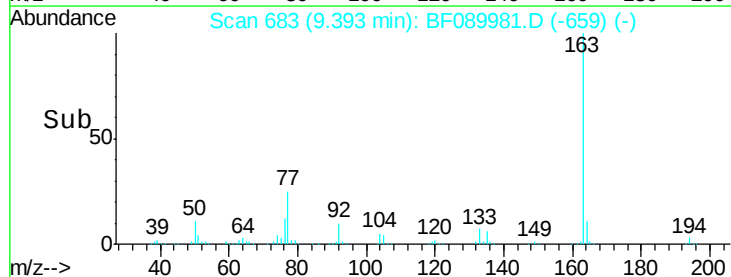
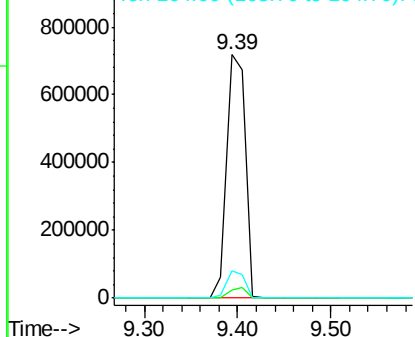


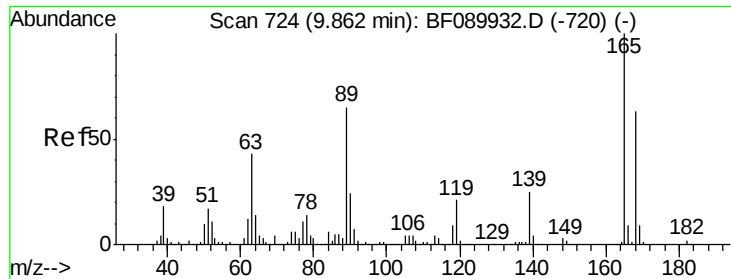
#49
Dimethylphthalate
Concen: 37.39 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF089981.D
Acq: 2 Sep 2016 18:08

Tgt Ion:163 Resp: 1004242
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 11.0 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

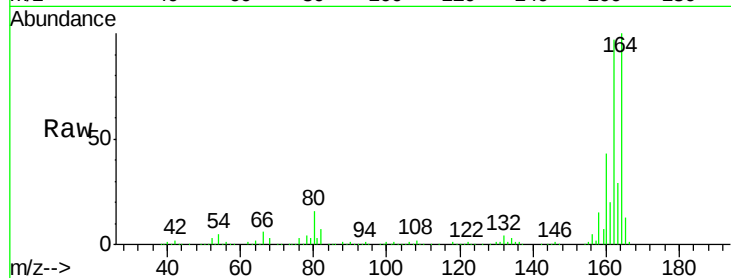




#56
 2,4-Dinitrotoluene
 Concen: 6.32 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.19 min
 Lab File: BF089981.D
 Acq: 2 Sep 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	165	Resp	47870
Ion Ratio	100	Lower	Upper
63	1.1	32.5	48.7#
89	1.2	48.3	72.5#
182	0.0	1.7	2.5#

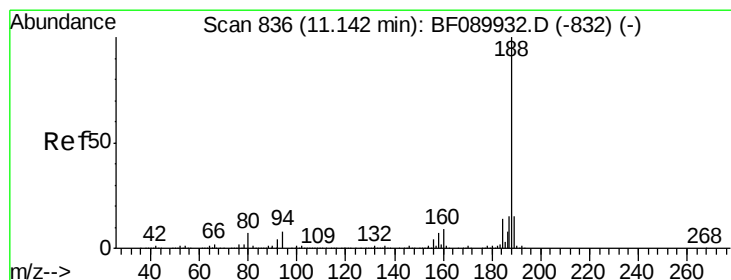
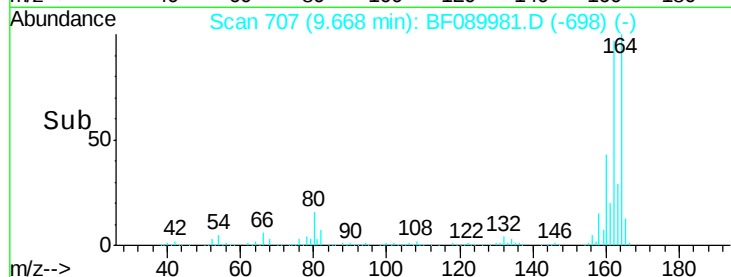
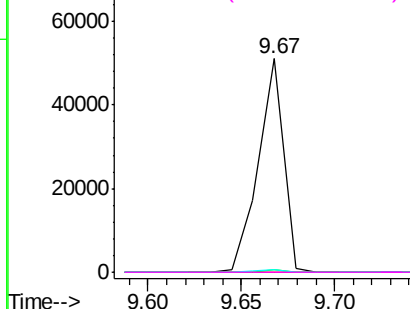


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

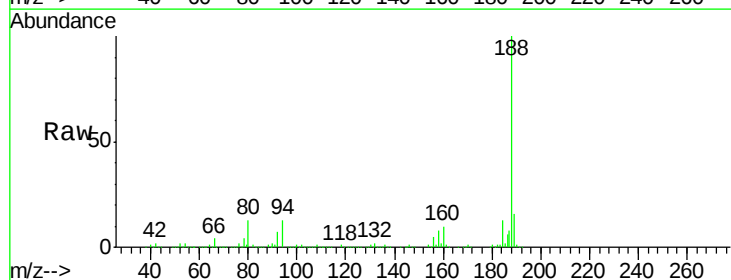
Ion 89.00 (88.70 to 89.70): BF0

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. -0.01 min
 Lab File: BF089981.D
 Acq: 2 Sep 2016 18:08

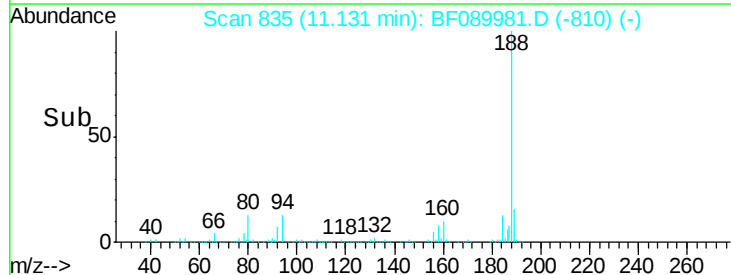
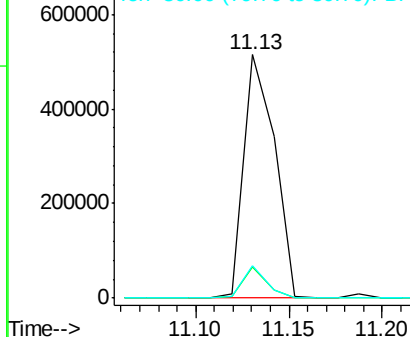
Tgt Ion	188	Resp	598026
Ion Ratio	100	Lower	Upper
94	13.0	5.9	8.9#
80	13.4	5.8	8.8#

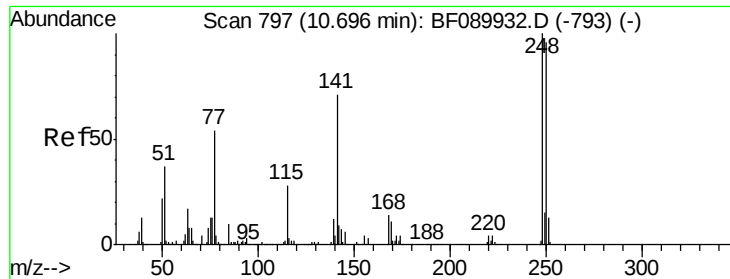


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

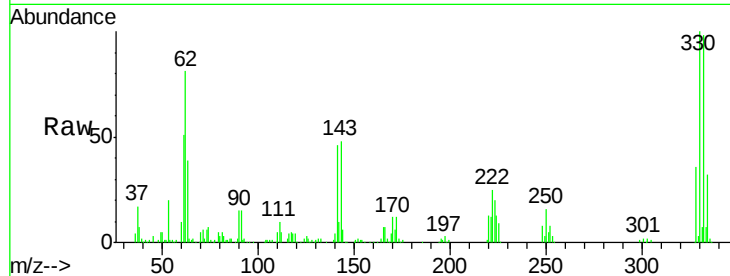




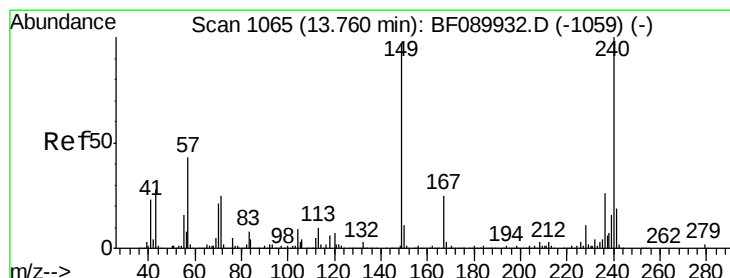
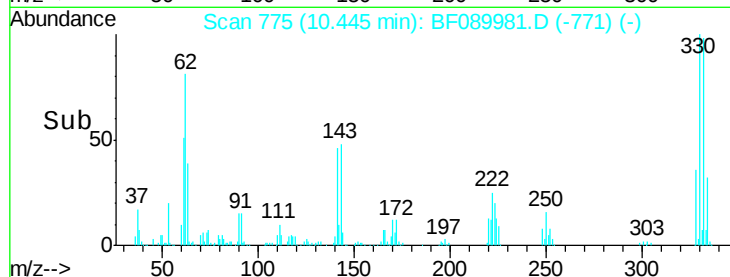
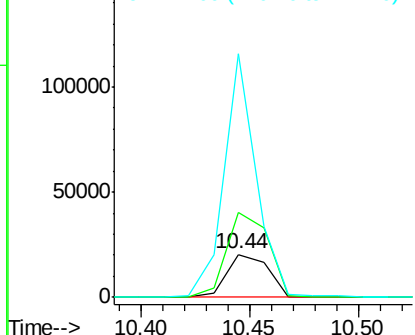
#66
 4-Bromophenyl-phenylether
 Concen: 4.51 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.25 min
 Lab File: BF089981.D
 Acq: 2 Sep 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 27162
 Ion Ratio Lower Upper
 248 100
 250 198.3 77.3 115.9#
 141 569.0 55.8 83.8#

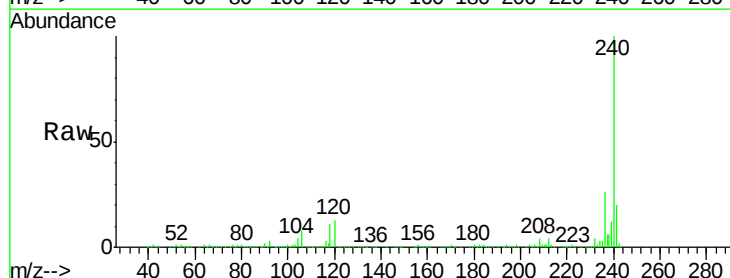


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

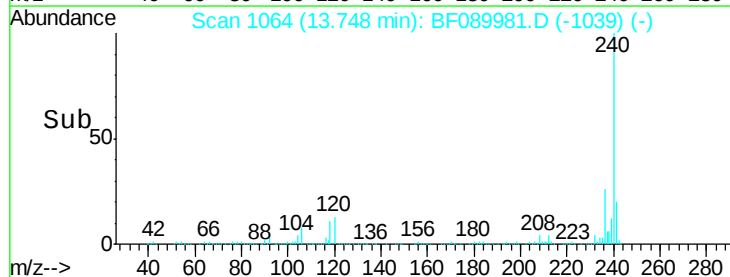
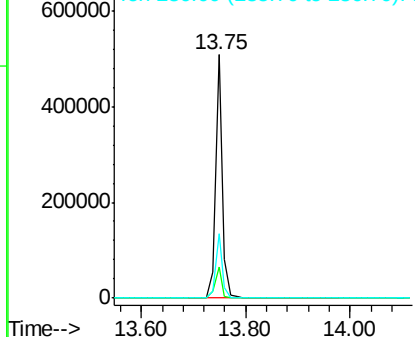


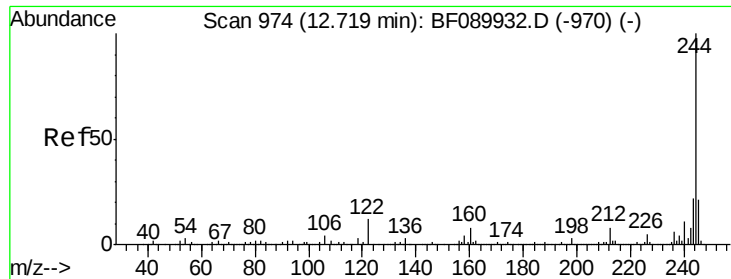
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089981.D
 Acq: 2 Sep 2016 18:08

Tgt Ion:240 Resp: 456628
 Ion Ratio Lower Upper
 240 100
 120 12.8 5.7 8.5#
 236 26.3 21.3 31.9



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

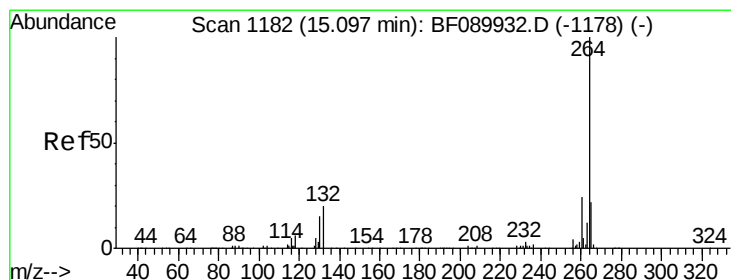
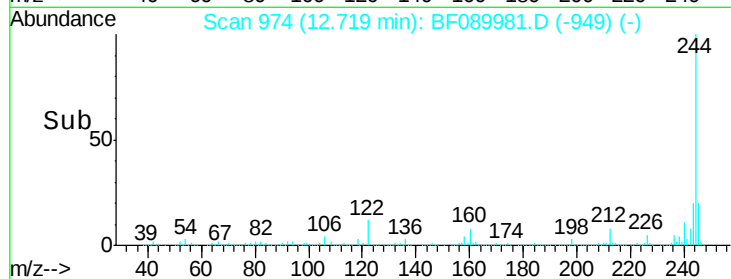
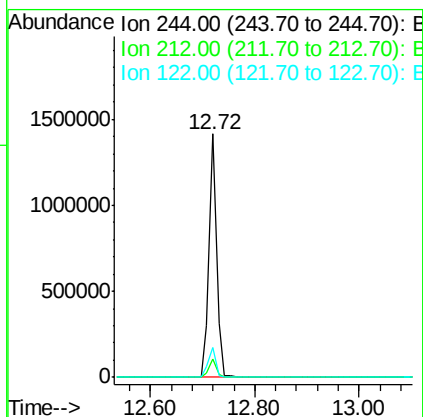
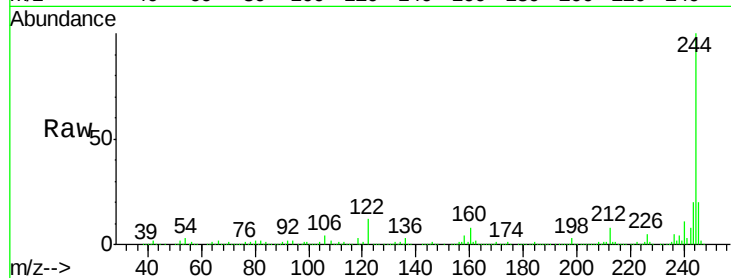




#78
 Terphenyl-d14
 Concen: 77.32 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF089981.D
 Acq: 2 Sep 2016 18:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1429166
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 12.1 9.6 14.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089981.D
 Acq: 2 Sep 2016 18:08

Tgt Ion:264 Resp: 434507
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.0
 265 21.3 17.4 26.2

