

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090716\
 Data File : BF090007.D
 Acq On : 7 Sep 2016 16:17
 Operator : UM/SJ
 Sample : H4676-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 17:48:45 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

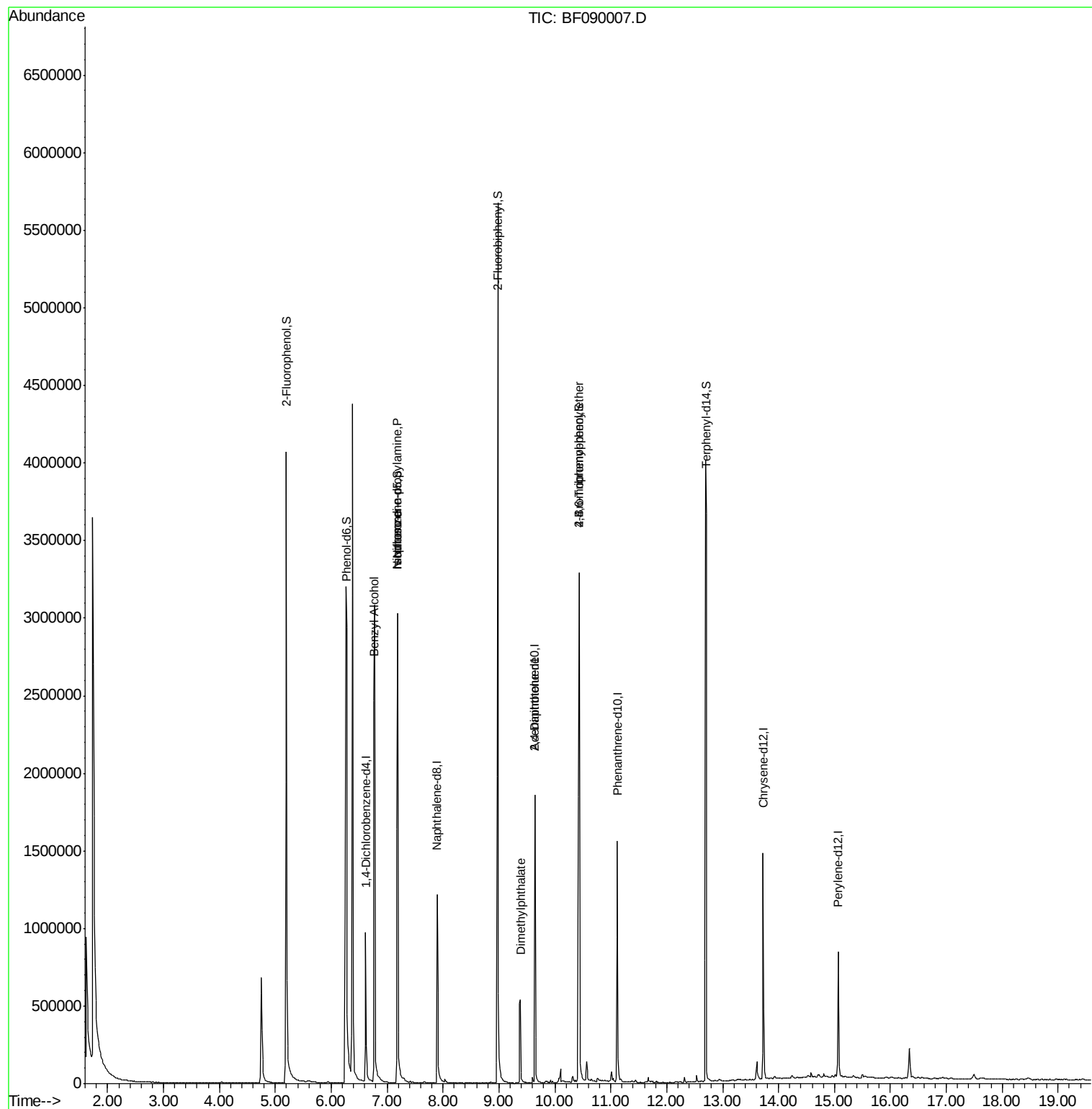
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	192275	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	767064	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	408513	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	788966	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	535126	20.00	ng	-0.03
86) Perylene-d12	15.06	264	424337	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1554309	129.39	ng	-0.01
7) Phenol-d6	6.27	99	2162785	148.18	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1296168	98.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	516241	128.09	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	2073804	83.33	ng	-0.02
78) Terphenyl-d14	12.71	244	2068091	95.47	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.76	79	19256	2.11	ng	# 50
19) n-Nitroso-di-n-propylamine	7.19	70	173135	18.20	ng	# 80
25) Isophorone	7.19	82	1268494	47.16	ng	# 65
49) Dimethylphthalate	9.38	163	396756	13.44	ng	97
56) 2,4-Dinitrotoluene	9.64	165	51689	6.21	ng	# 29
66) 4-Bromophenyl-phenylether	10.43	248	35160	4.43	ng	# 1

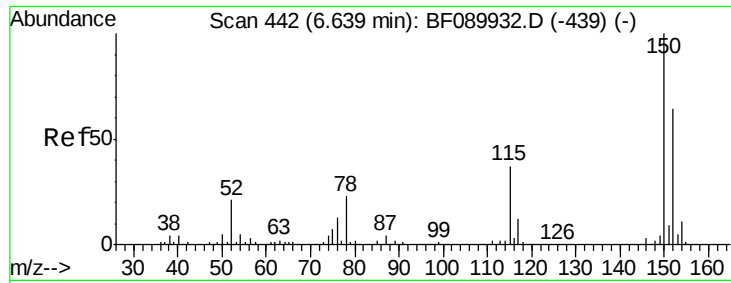
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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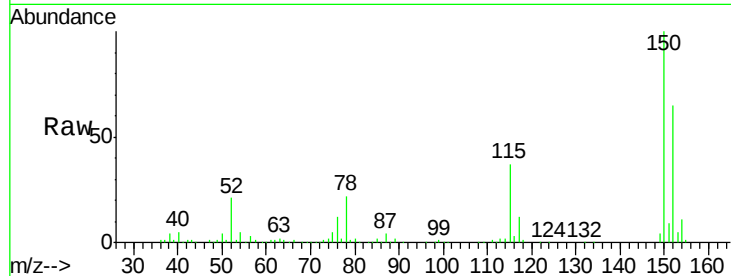


#1

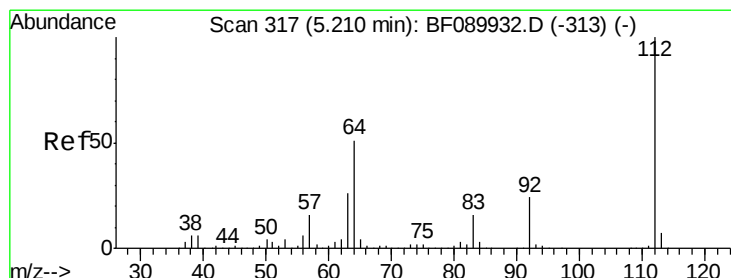
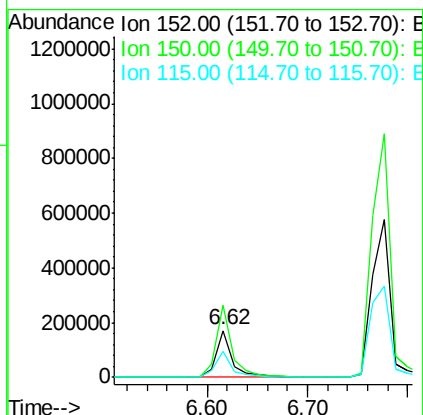
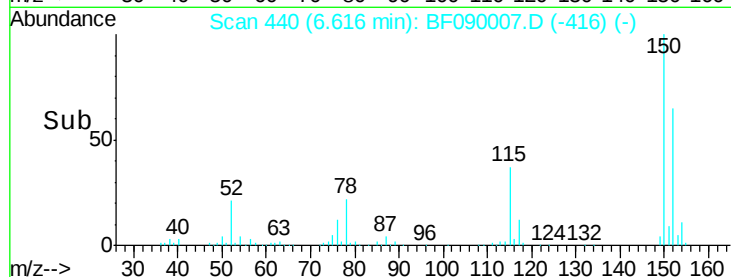
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF090007.D
Acq: 7 Sep 2016 16:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 192275
Ion Ratio Lower Upper
152 100
150 154.5 127.4 191.2
115 57.0 46.3 69.5



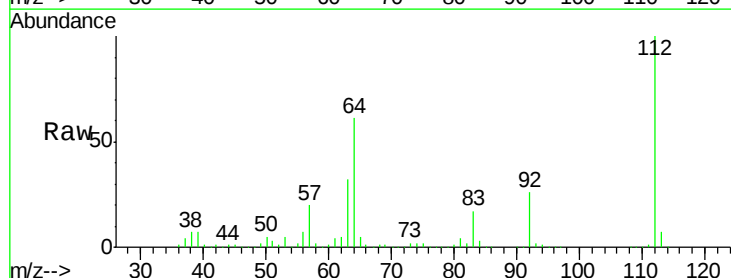
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



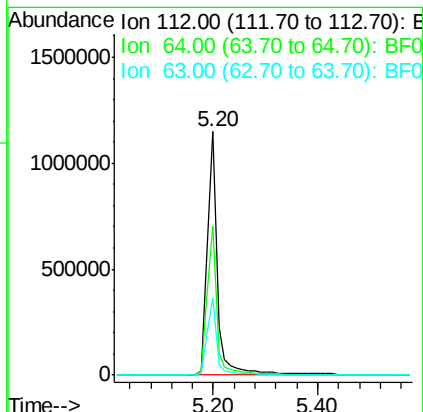
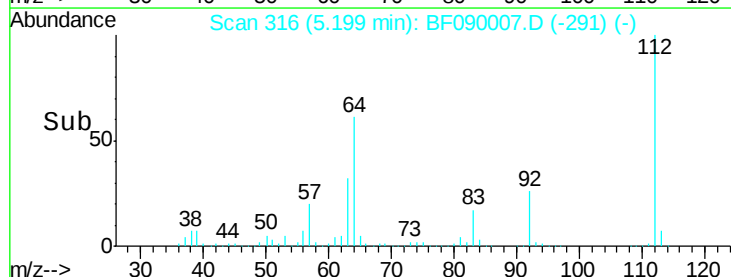
#5

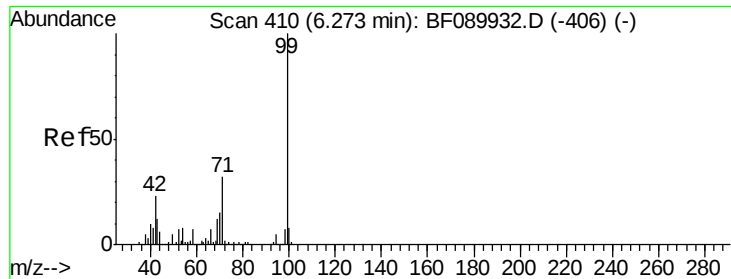
2-Fluorophenol
Concen: 129.39 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.01 min
Lab File: BF090007.D
Acq: 7 Sep 2016 16:17

Tgt Ion:112 Resp: 1554309
Ion Ratio Lower Upper
112 100
64 61.2 41.1 61.7
63 31.7 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: 148.18 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF090007.D

Acq: 7 Sep 2016 16:17

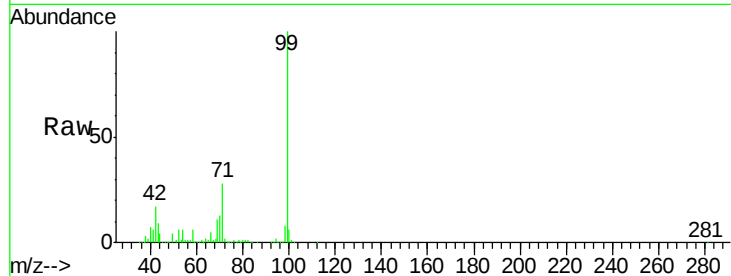
Instrument :

BNA_F

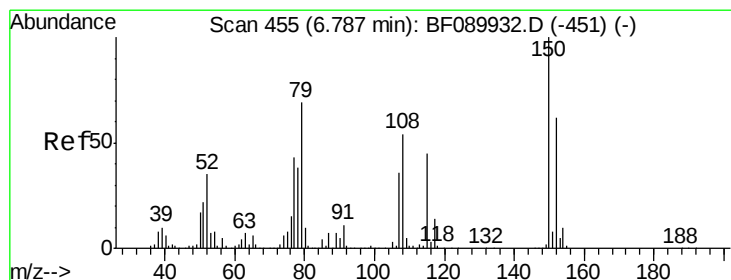
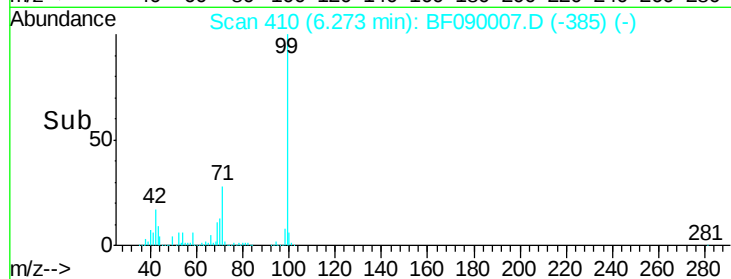
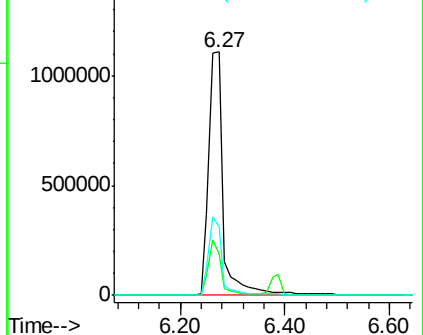
ClientSampled :

Tot Ion: 99 Resp: 2162785

Ion	Ratio	Lower	Upper
99	100		
42	16.9	18.6	27.8#
71	27.9	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



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 6.76 min Scan# 453

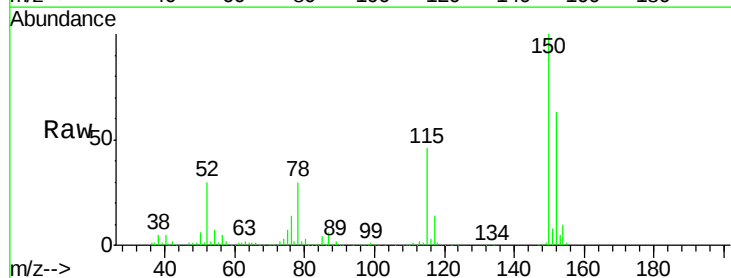
Delta R.T. -0.02 min

Lab File: BF090007.D

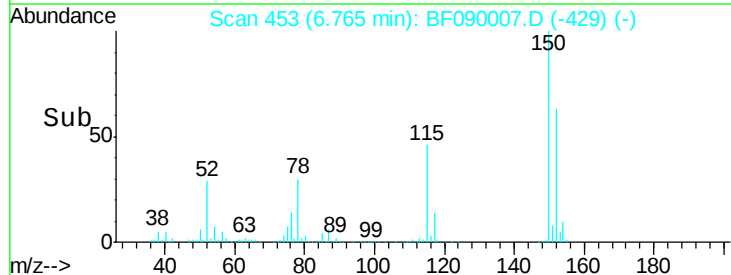
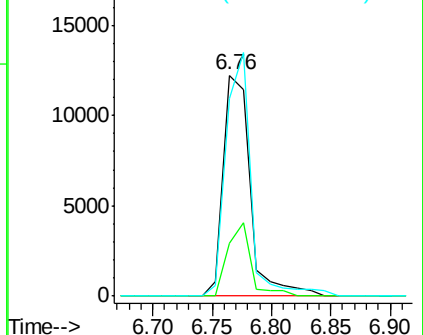
Acq: 7 Sep 2016 16:17

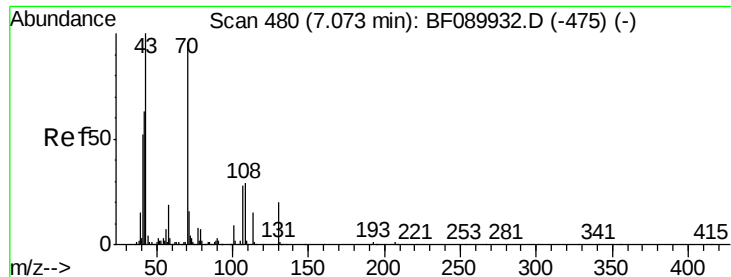
Tgt Ion: 79 Resp: 19256

Ion	Ratio	Lower	Upper
79	100		
108	24.1	62.1	93.1#
77	89.6	50.1	75.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 18.20 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.11 min

Lab File: BF090007.D

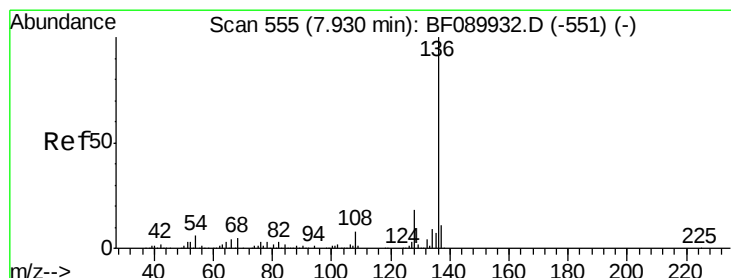
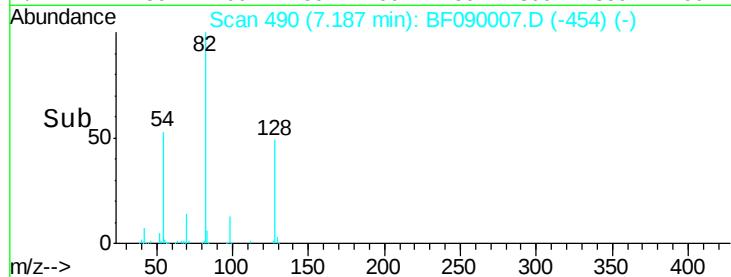
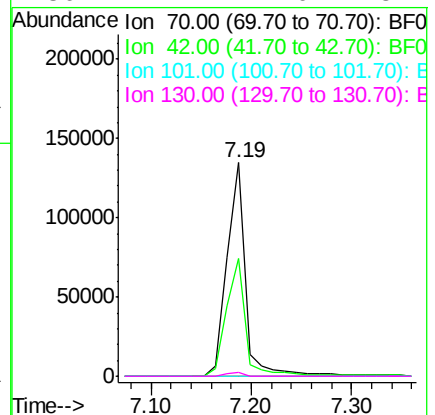
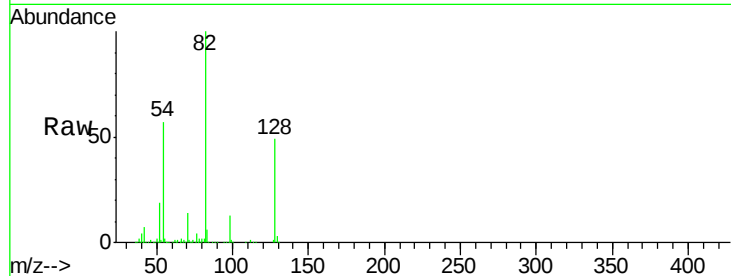
Acq: 7 Sep 2016 16:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	173135
Ion	Ratio	Lower	Upper
70	100		
42	55.3	52.1	78.1
101	0.0	7.4	11.2#
130	2.1	17.0	25.4#



#21

Naphthalene-d8

Concen: 20.00 ng

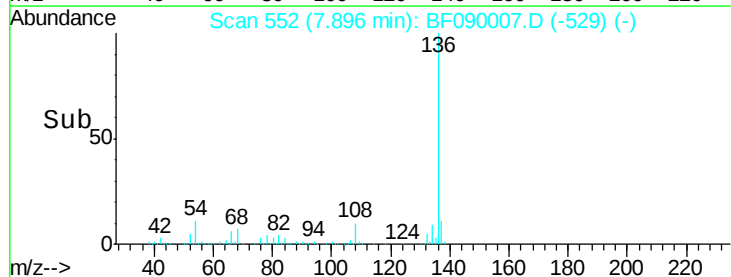
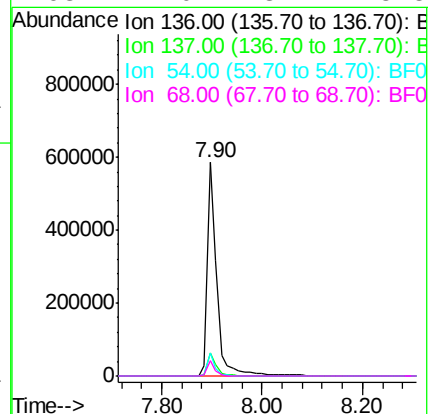
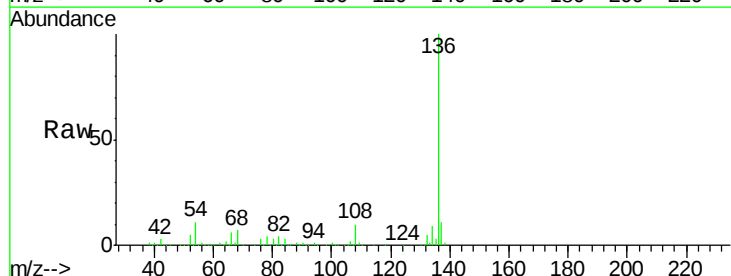
RT: 7.90 min Scan# 552

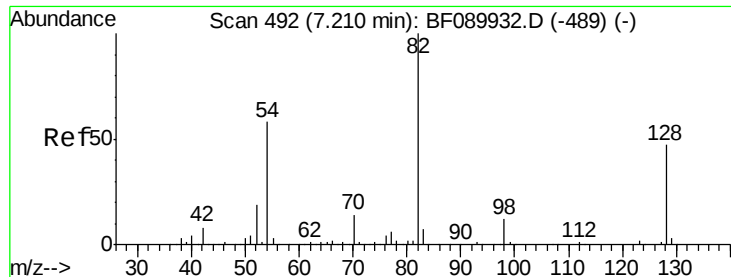
Delta R.T. -0.03 min

Lab File: BF090007.D

Acq: 7 Sep 2016 16:17

Tgt Ion:	136	Resp:	767064
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.3	12.5
54	10.6	4.8	7.2#
68	7.0	3.7	5.5#

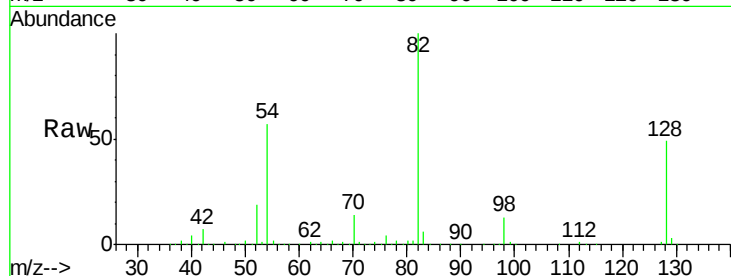




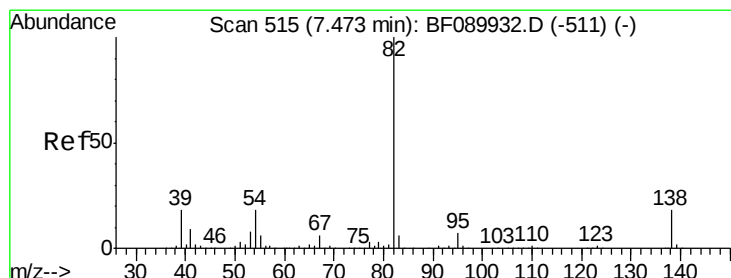
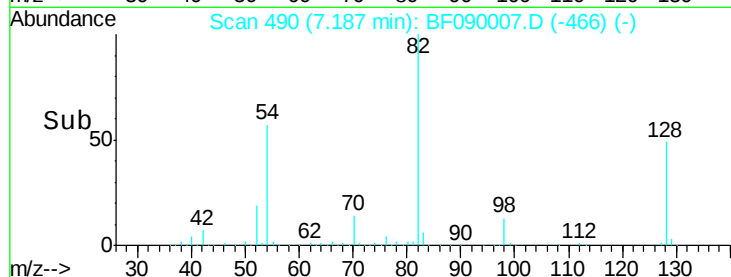
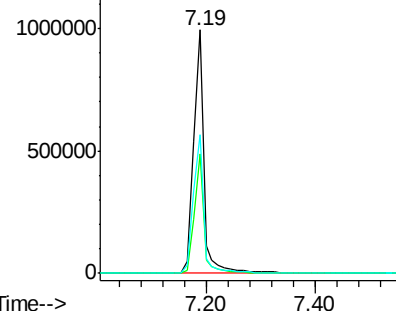
#23
 Nitrobenzene-d5
 Concen: 98.00 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF090007.D
 Acq: 7 Sep 2016 16:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1296168
 Ion Ratio Lower Upper
 82 100
 128 49.2 37.8 56.8
 54 57.0 46.9 70.3

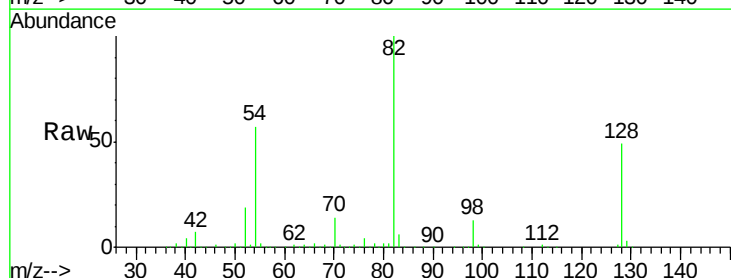


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

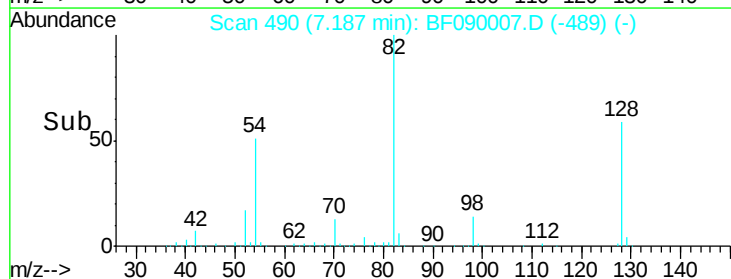
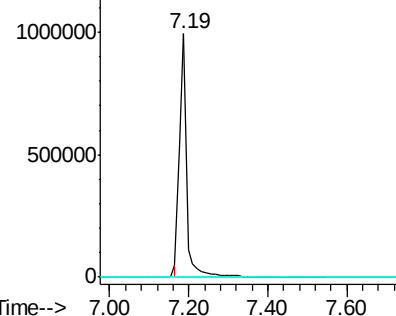


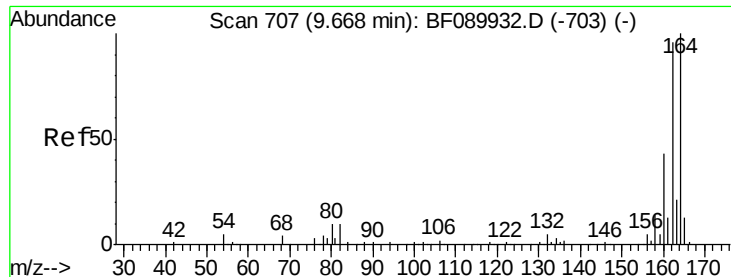
#25
 Isophorone
 Concen: 47.16 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.29 min
 Lab File: BF090007.D
 Acq: 7 Sep 2016 16:17

Tgt Ion: 82 Resp: 1268494
 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

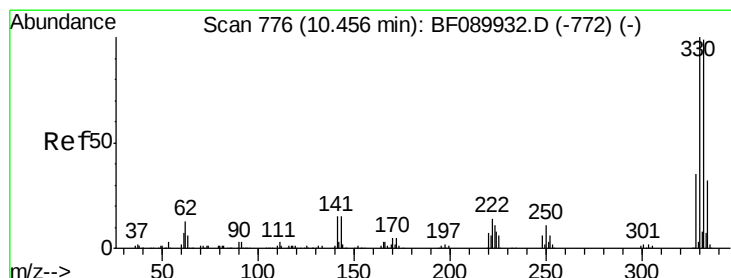
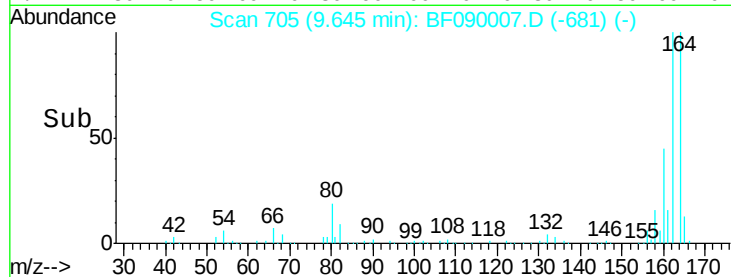
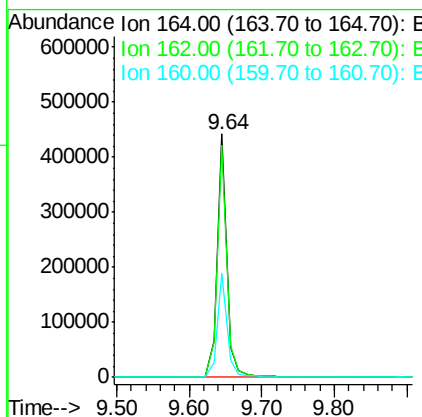
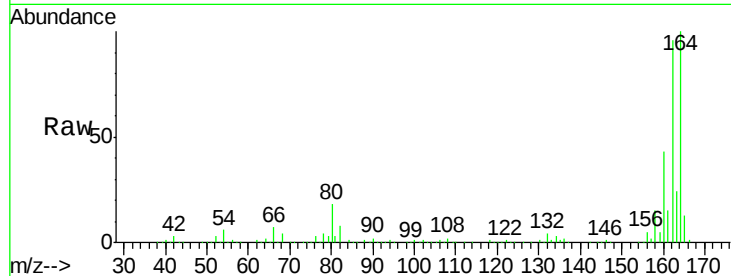




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF090007.D
Acq: 7 Sep 2016 16:17

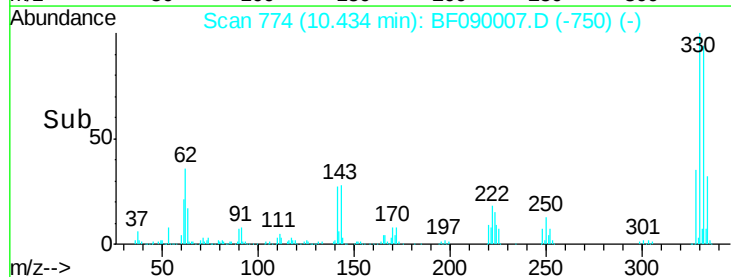
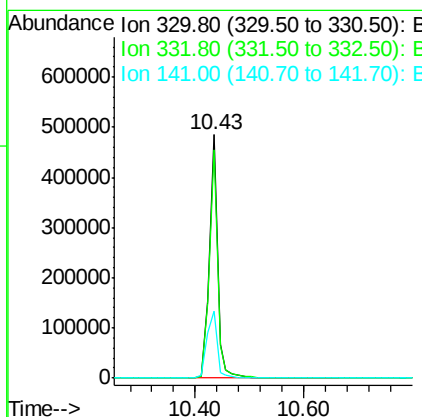
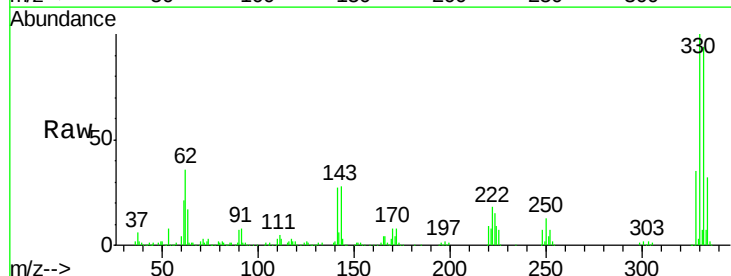
Instrument :
BNA_F
ClientSampleId :

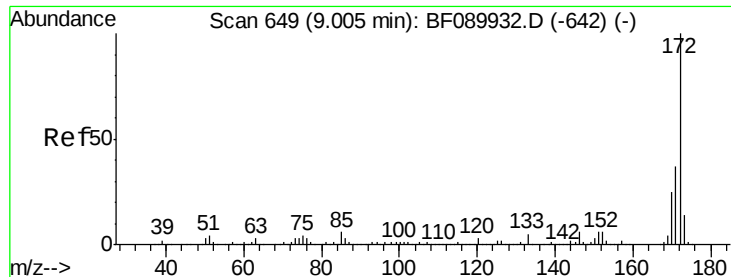
Tot Ion:164 Resp: 408513
Ion Ratio Lower Upper
164 100
162 95.5 77.1 115.7
160 42.9 35.3 52.9



#41
2,4,6-Tribromophenol
Concen: 128.09 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF090007.D
Acq: 7 Sep 2016 16:17

Tgt Ion:330 Resp: 516241
Ion Ratio Lower Upper
330 100
332 95.1 78.6 117.8
141 33.3 23.3 34.9

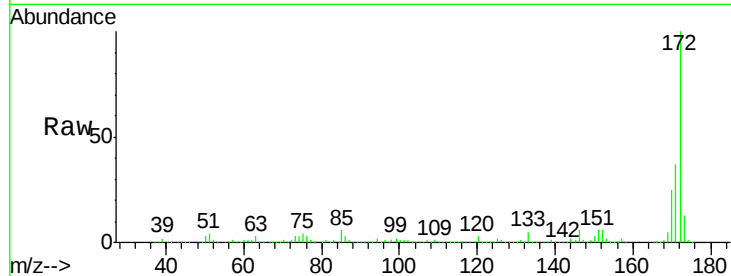




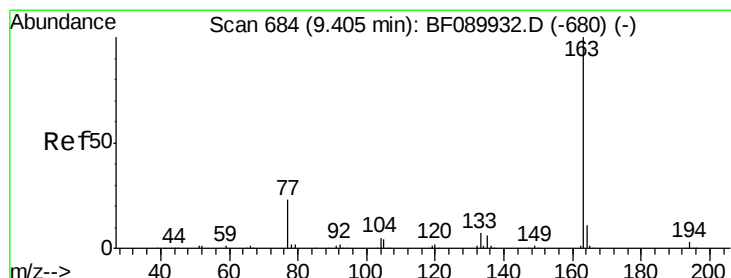
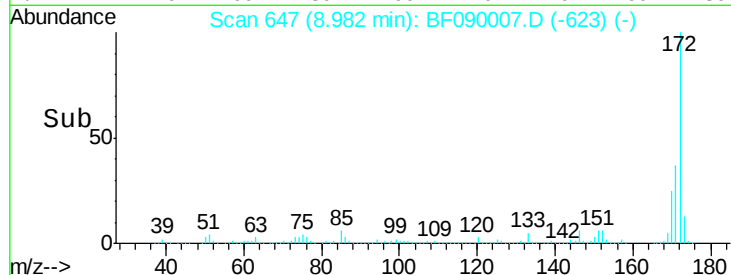
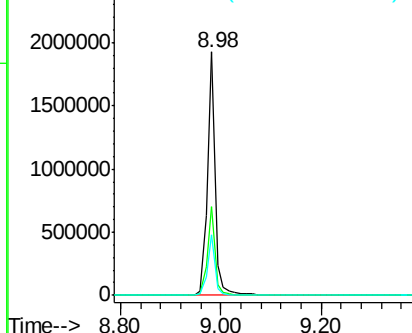
#44
2-Fluorobiphenyl
Concen: 83.33 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF090007.D
Acq: 7 Sep 2016 16:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2073804
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.2
170 24.8 20.1 30.1

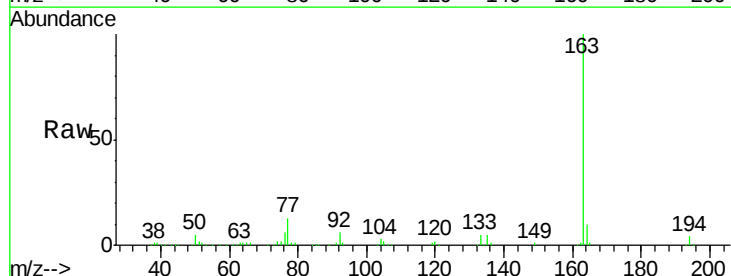


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

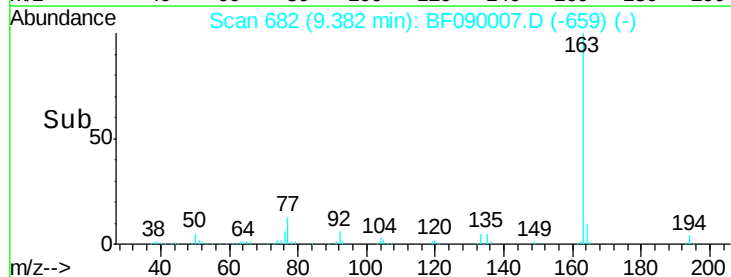
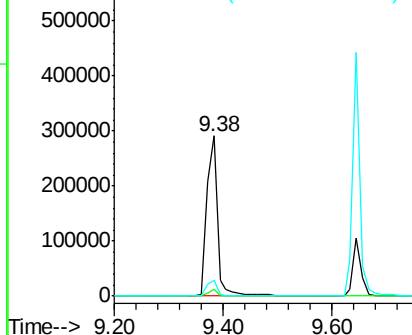


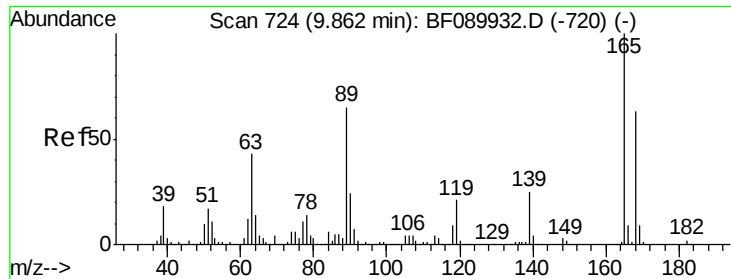
#49
Dimethylphthalate
Concen: 13.44 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF090007.D
Acq: 7 Sep 2016 16:17

Tgt Ion:163 Resp: 396756
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.1 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

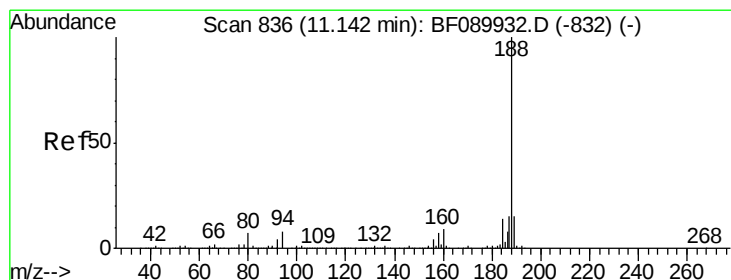
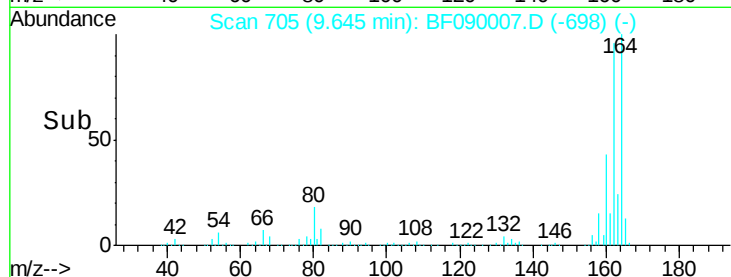
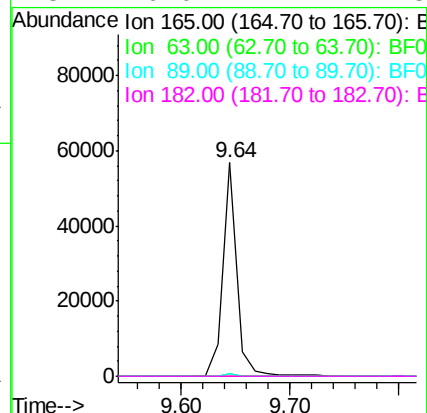
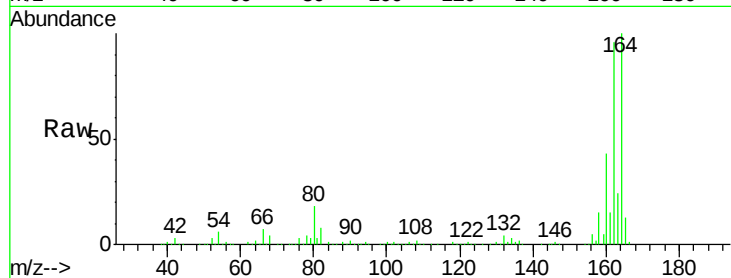




#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.22 min
 Lab File: BF090007.D
 Acq: 7 Sep 2016 16:17

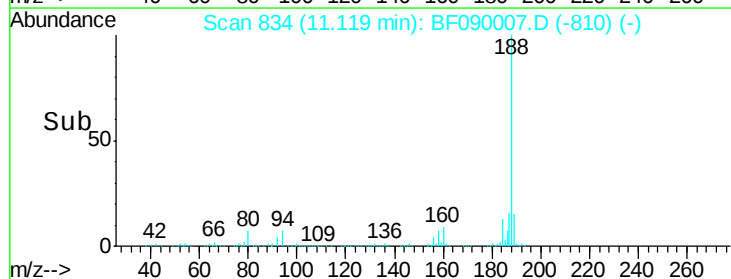
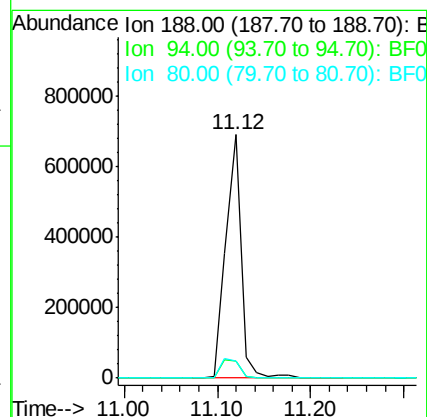
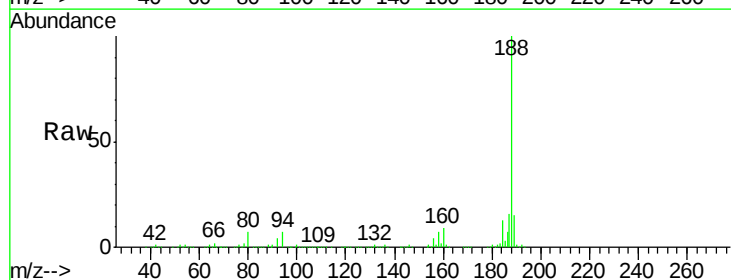
Instrument :
 BNA_F
 ClientSampleId :

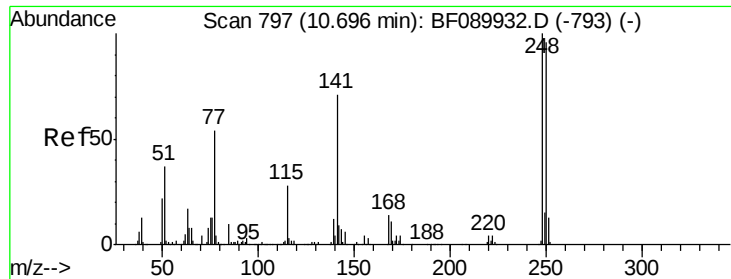
Tot Ion:165	Resp:	51689
Ion Ratio	Lower	Upper
165	100	
63	1.3	32.5 48.7#
89	0.9	48.3 72.5#
182	0.0	1.7 2.5#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF090007.D
 Acq: 7 Sep 2016 16:17

Tgt Ion:188	Resp:	788966
Ion Ratio	Lower	Upper
188	100	
94	7.1	5.9 8.9
80	6.9	5.8 8.8

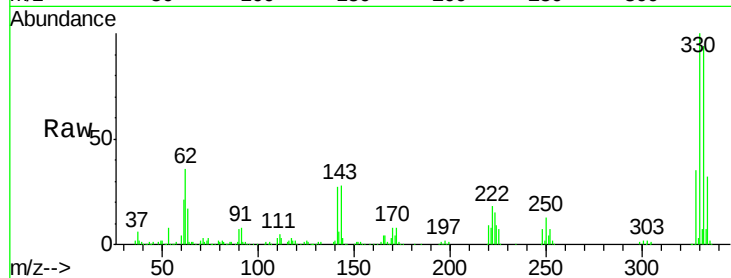




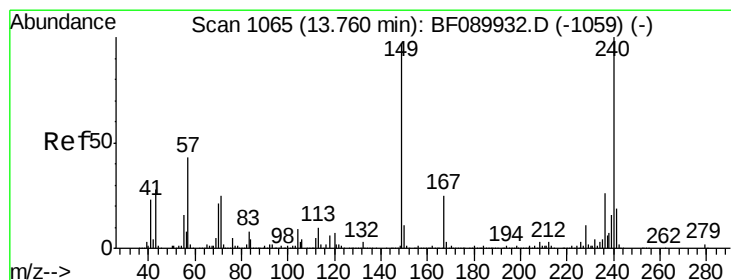
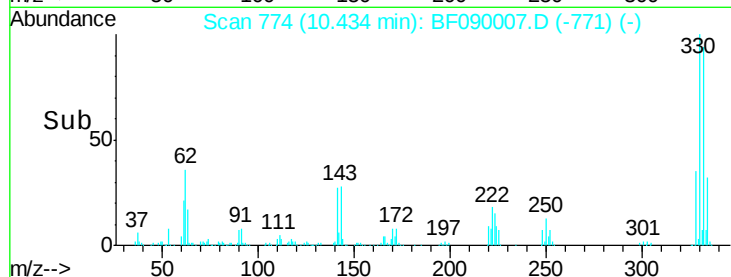
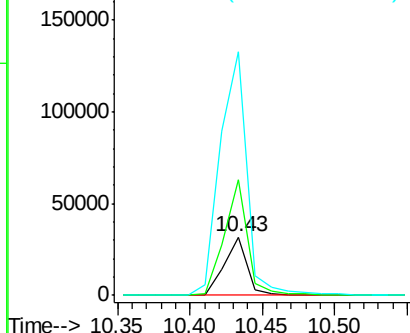
#66
 4-Bromophenyl-phenylether
 Concen: 4.43 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.26 min
 Lab File: BF090007.D
 Acq: 7 Sep 2016 16:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 35160
 Ion Ratio Lower Upper
 248 100
 250 199.4 77.3 115.9#
 141 419.8 55.8 83.8#

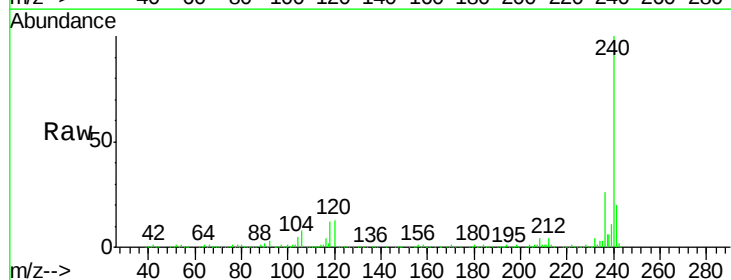


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

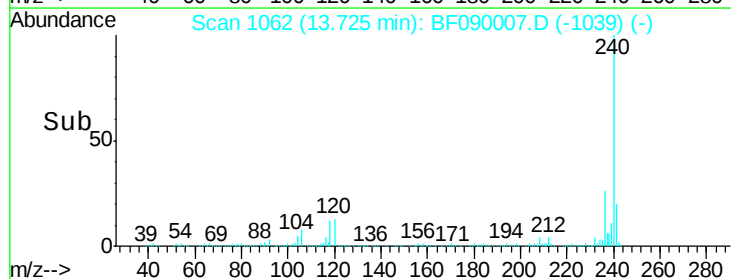
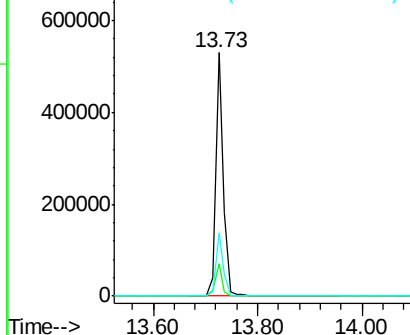


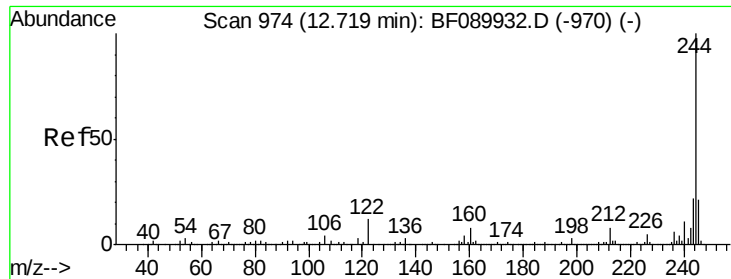
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.03 min
 Lab File: BF090007.D
 Acq: 7 Sep 2016 16:17

Tgt Ion:240 Resp: 535126
 Ion Ratio Lower Upper
 240 100
 120 13.4 5.7 8.5#
 236 25.9 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

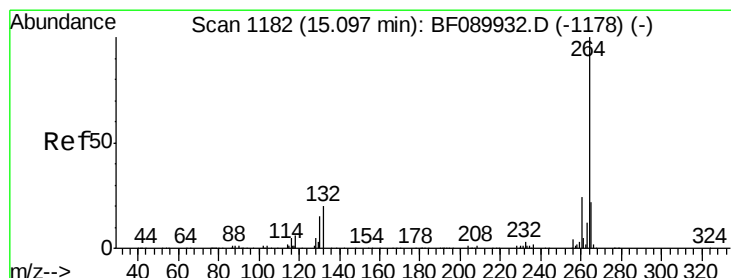
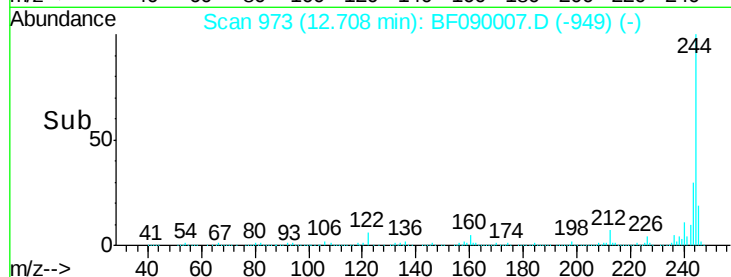
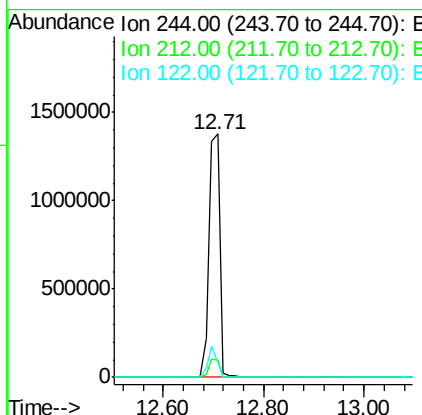
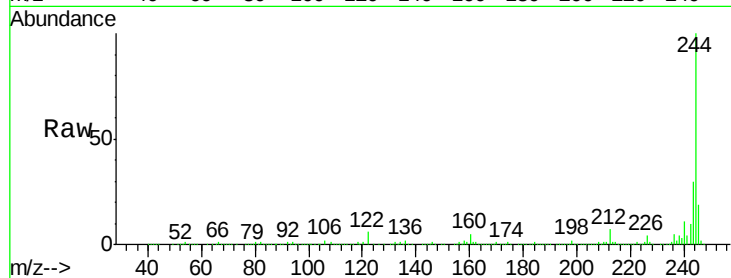




#78
 Terphenyl-d14
 Concen: 95.47 ng
 RT: 12.71 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BF090007.D
 Acq: 7 Sep 2016 16:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2068091
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 6.1 9.6 14.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BF090007.D
 Acq: 7 Sep 2016 16:17

Tgt Ion:264 Resp: 424337
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.0
 265 22.1 17.4 26.2

