

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090716\
 Data File : BF090009.D
 Acq On : 7 Sep 2016 17:14
 Operator : UM/SJ
 Sample : H4676-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 17:49:07 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

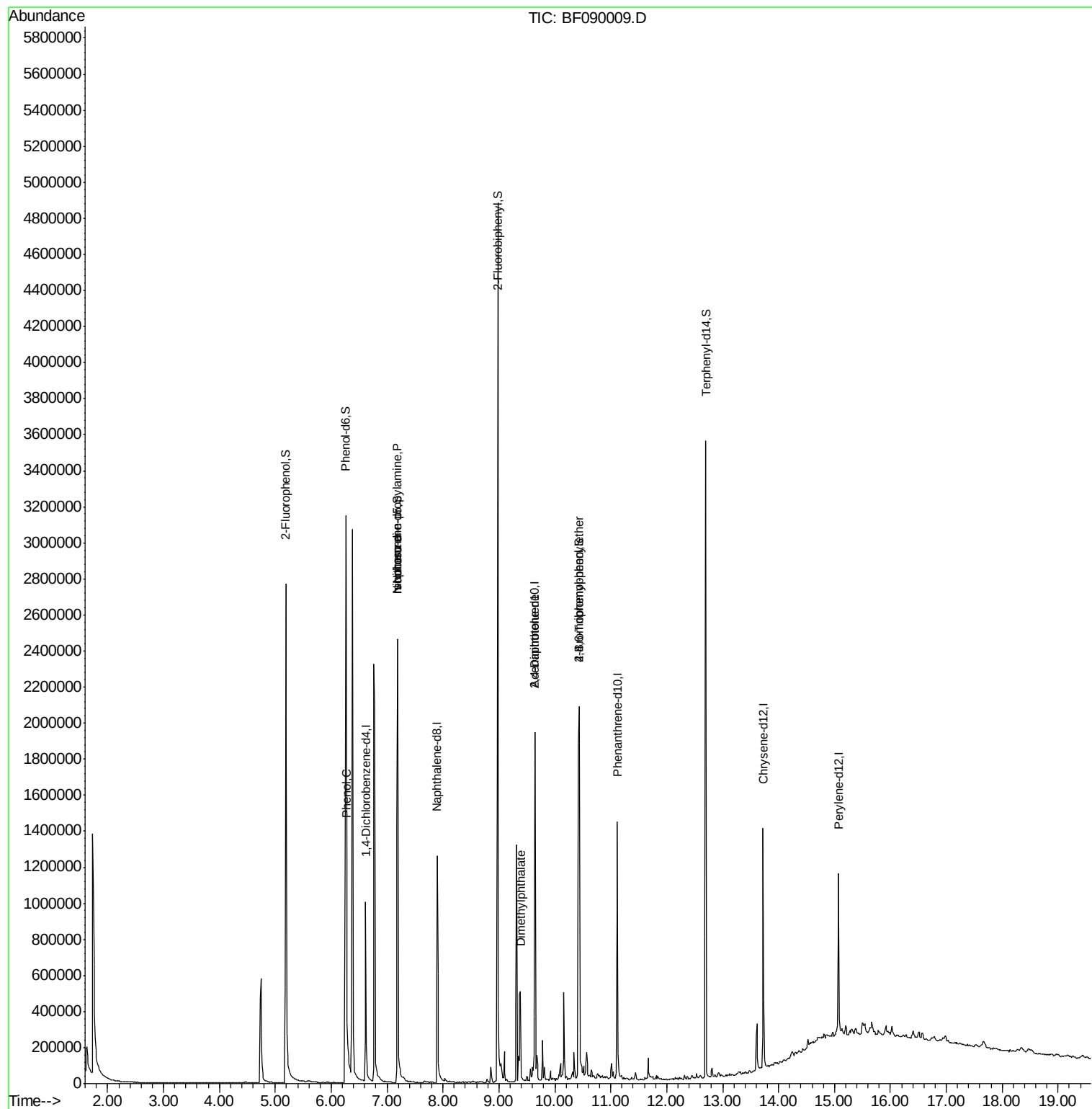
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	193185	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	775488	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	414494	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	744690	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	481949	20.00	ng	-0.03
86) Perylene-d12	15.07	264	447953	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1309606	108.51	ng	-0.02
7) Phenol-d6	6.26	99	1654805	112.84	ng	-0.02
23) Nitrobenzene-d5	7.19	82	1075076	80.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	410070	100.28	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1745082	69.11	ng	-0.02
78) Terphenyl-d14	12.70	244	1116083	57.21	ng	-0.03
Target Compounds						
10) Phenol	6.27	94	35883	2.10	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.19	70	142888	14.95	ng	# 78
25) Isophorone	7.19	82	1056579	38.86	ng	# 65
49) Dimethylphthalate	9.38	163	372413	12.43	ng	97
56) 2,4-Dinitrotoluene	9.64	165	53569	6.34	ng	# 29
66) 4-Bromophenyl-phenylether	10.43	248	26649	3.55	ng	# 1

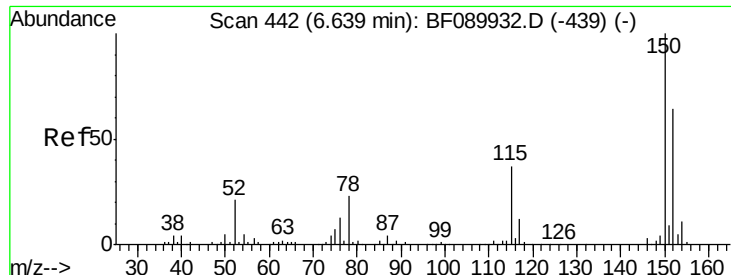
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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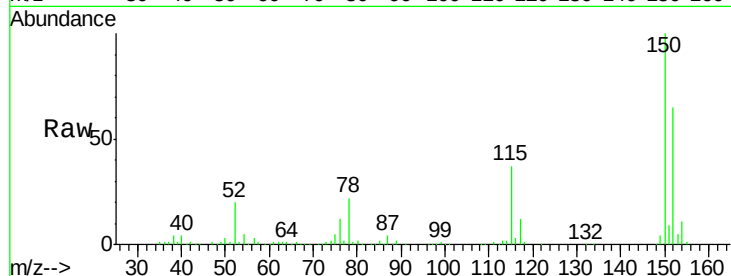


#1

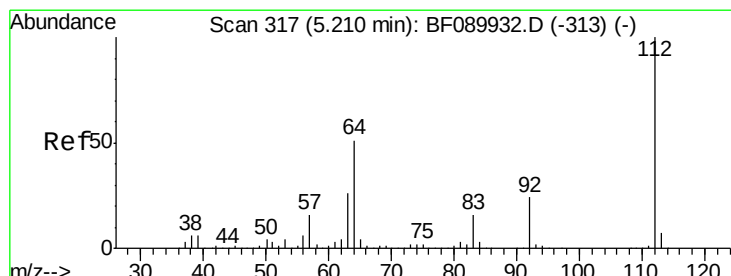
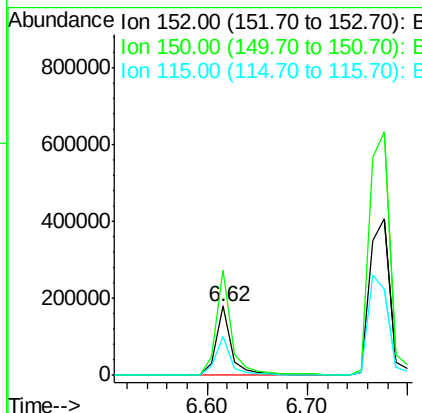
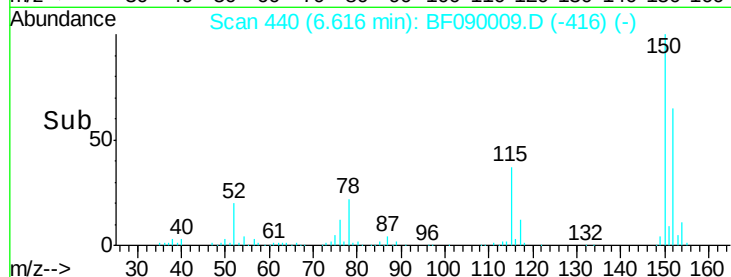
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF090009.D
Acq: 7 Sep 2016 17:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	127.4	191.2
115	56.4	46.3	69.5



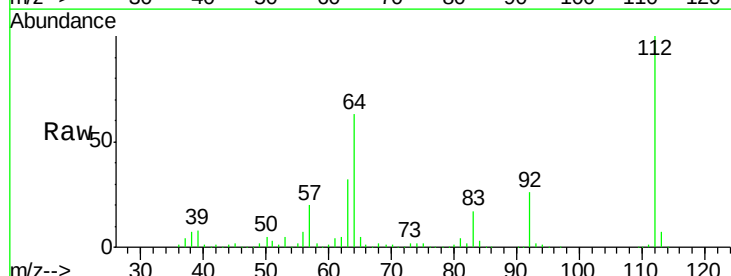
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



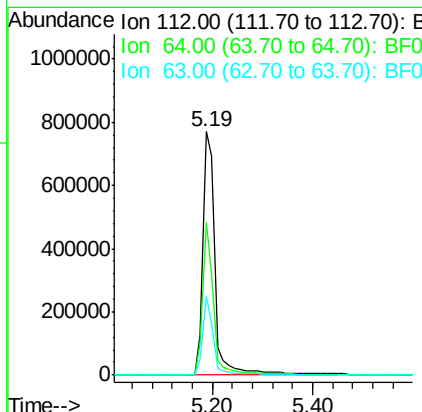
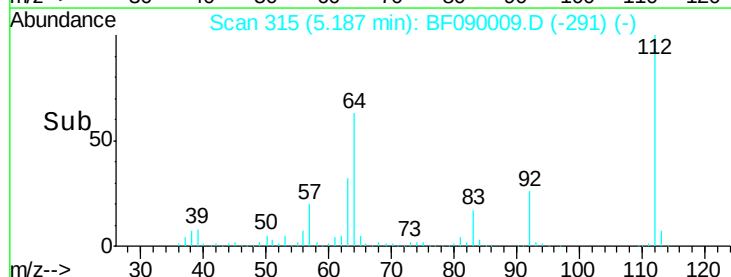
#5

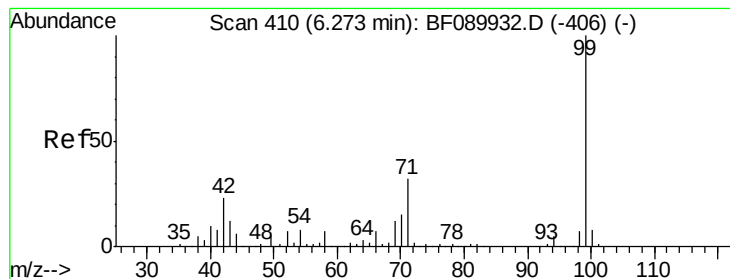
2-Fluorophenol
Concen: 108.51 ng
RT: 5.19 min Scan# 315
Delta R.T. -0.02 min
Lab File: BF090009.D
Acq: 7 Sep 2016 17:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	41.1	61.7#
63	32.3	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: 112.84 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF090009.D

Acq: 7 Sep 2016 17:14

Instrument :

BNA_F

ClientSampled :

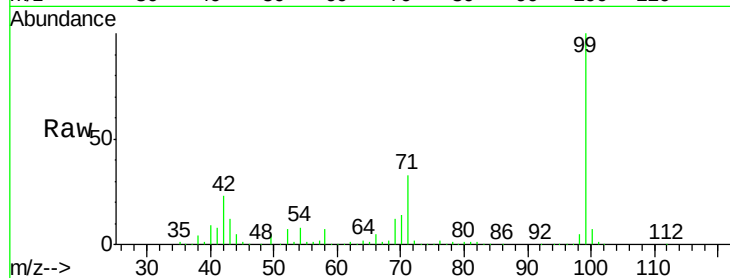
Tot Ion: 99 Resp: 1654805

Ion Ratio Lower Upper

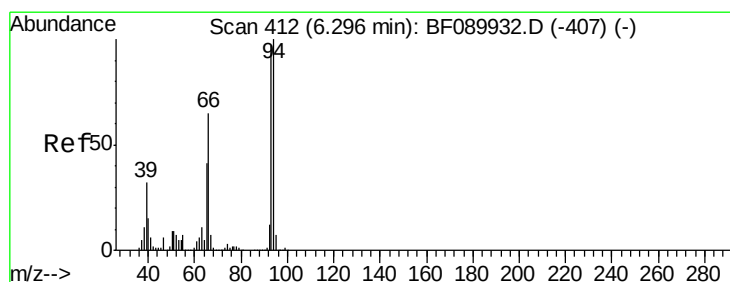
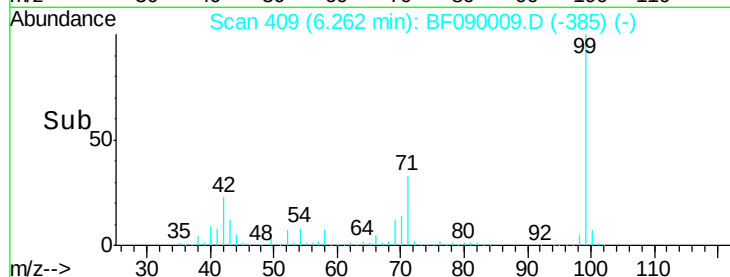
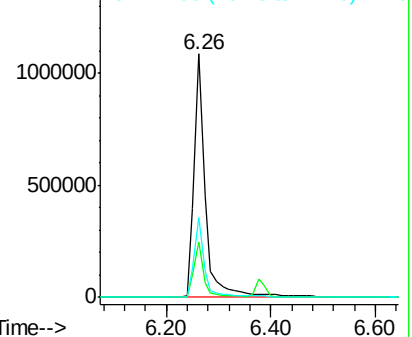
99 100

42 22.9 18.6 27.8

71 32.5 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: 2.10 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF090009.D

Acq: 7 Sep 2016 17:14

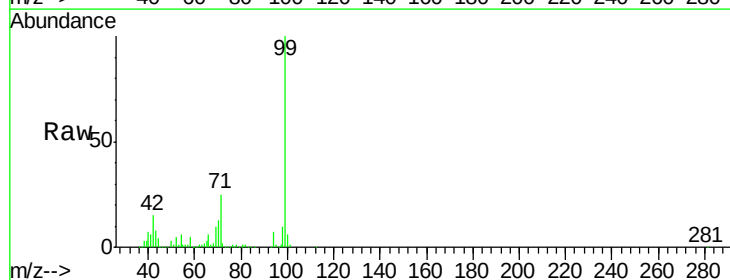
Tgt Ion: 94 Resp: 35883

Ion Ratio Lower Upper

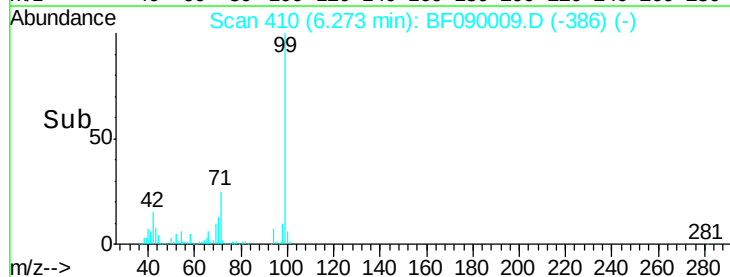
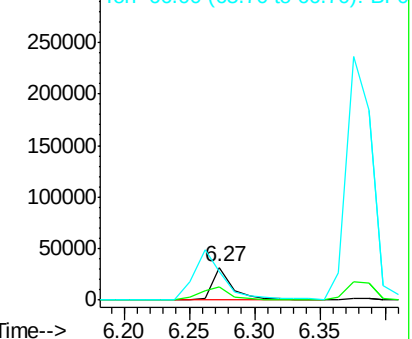
94 100

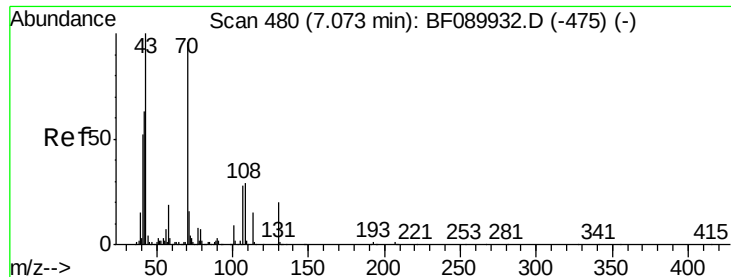
65 39.7 23.2 63.2

66 85.4 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

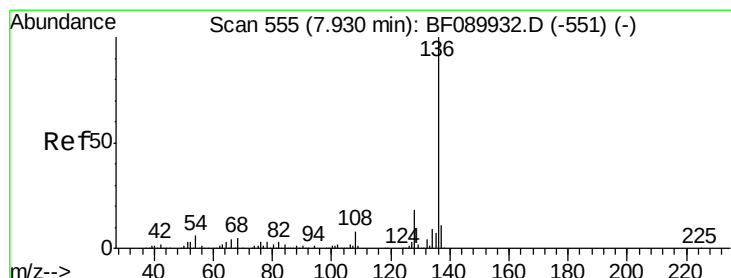
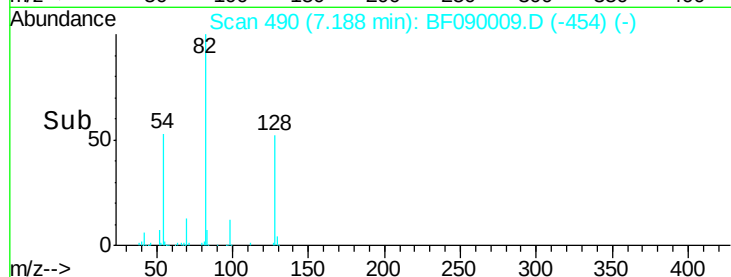
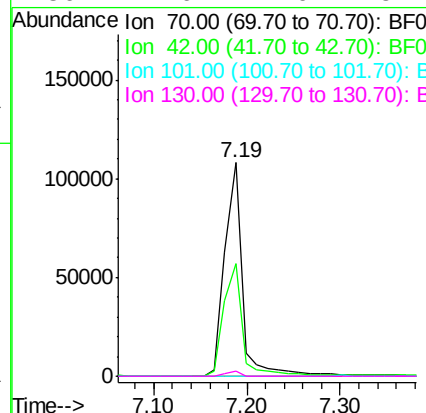
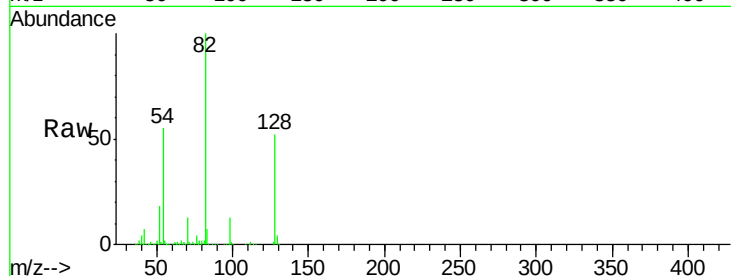




#19
n-Nitroso-di-n-propylamine
Concen: 14.95 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.11 min
Lab File: BF090009.D
Acq: 7 Sep 2016 17:14

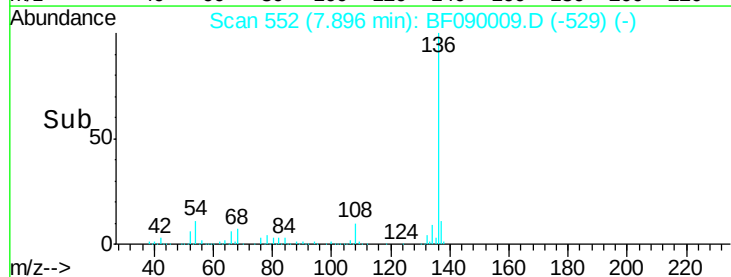
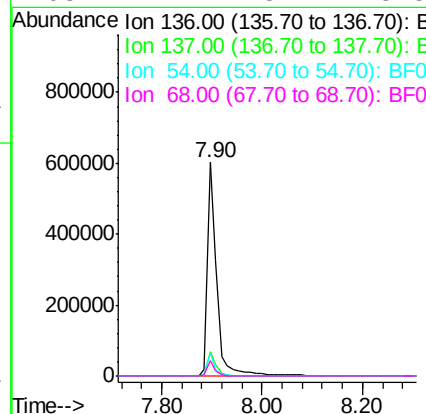
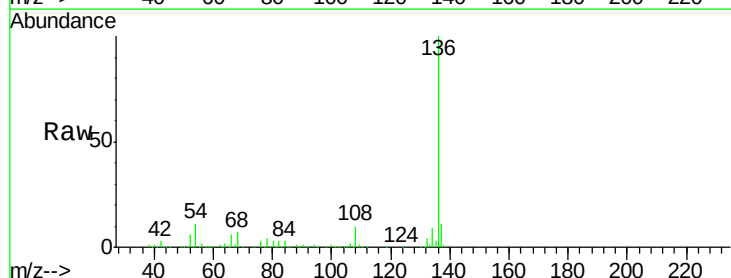
Instrument :
BNA_F
ClientSampleId :

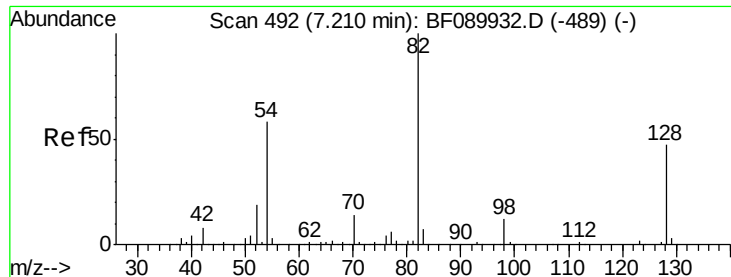
Tot Ion: 70 Resp: 142888
Ion Ratio Lower Upper
70 100
42 52.7 52.1 78.1
101 0.0 7.4 11.2#
130 2.6 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.03 min
Lab File: BF090009.D
Acq: 7 Sep 2016 17:14

Tgt Ion: 136 Resp: 775488
Ion Ratio Lower Upper
136 100
137 11.4 8.3 12.5
54 11.0 4.8 7.2#
68 7.4 3.7 5.5#

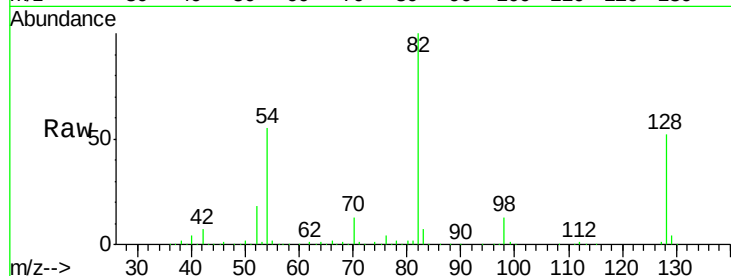




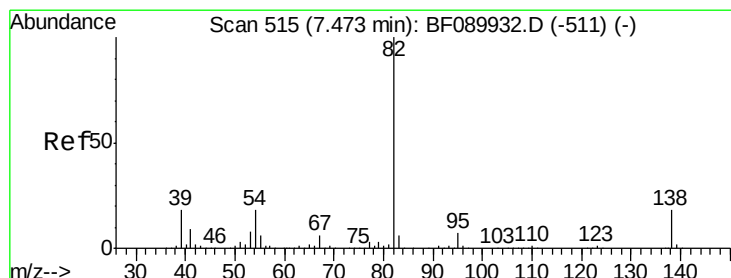
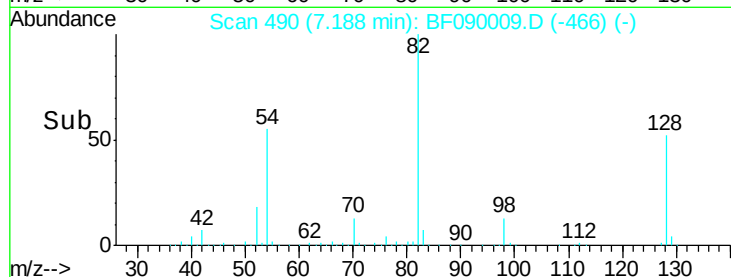
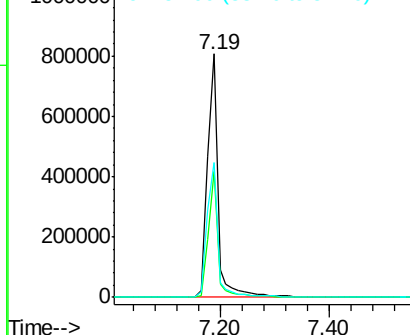
#23
 Nitrobenzene-d5
 Concen: 80.40 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF090009.D
 Acq: 7 Sep 2016 17:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1075076
 Ion Ratio Lower Upper
 82 100
 128 51.8 37.8 56.8
 54 55.4 46.9 70.3

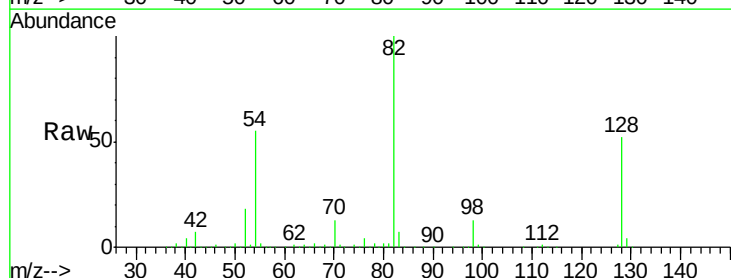


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

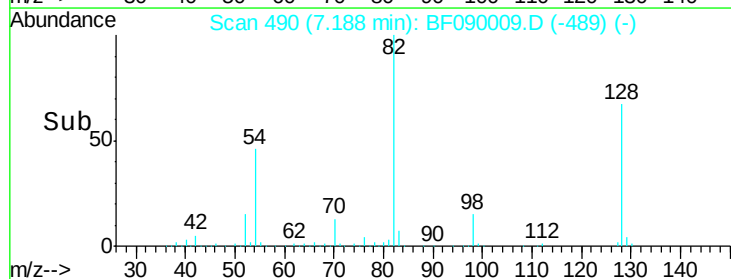
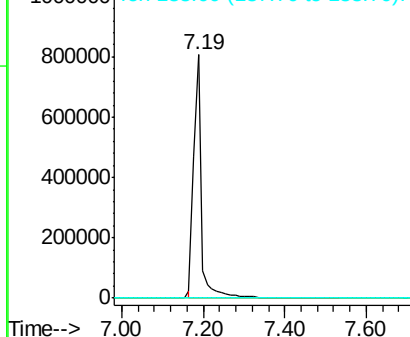


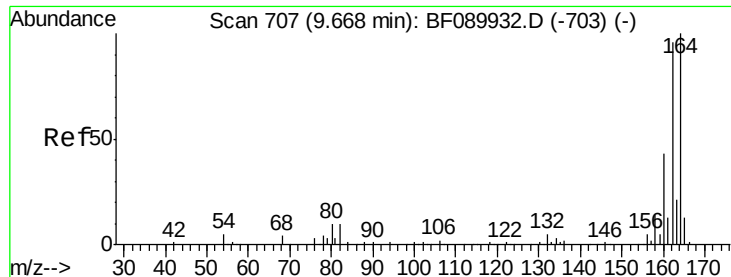
#25
 Isophorone
 Concen: 38.86 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.29 min
 Lab File: BF090009.D
 Acq: 7 Sep 2016 17:14

Tgt Ion: 82 Resp: 1056579
 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

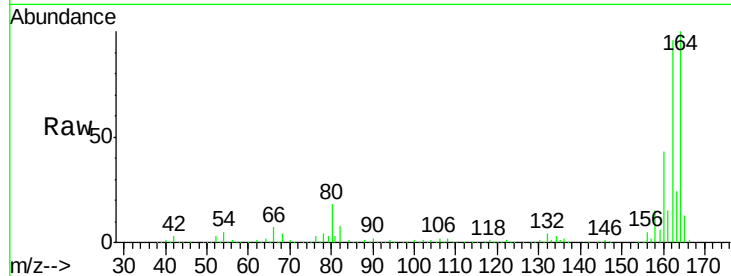




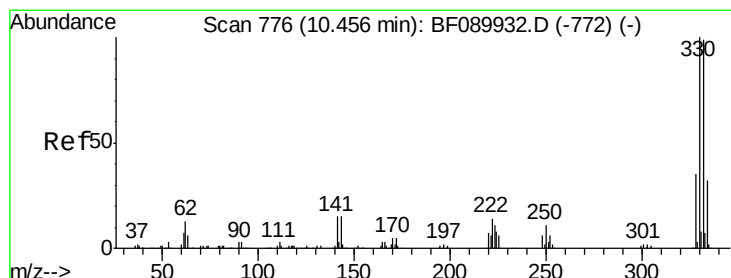
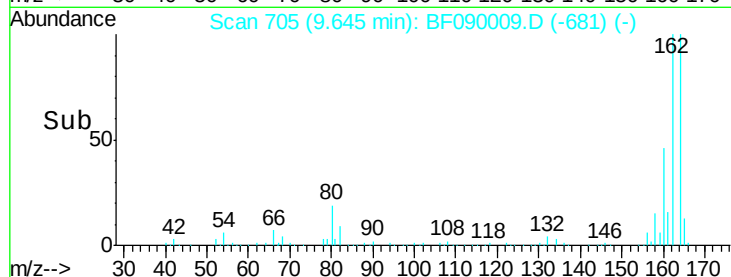
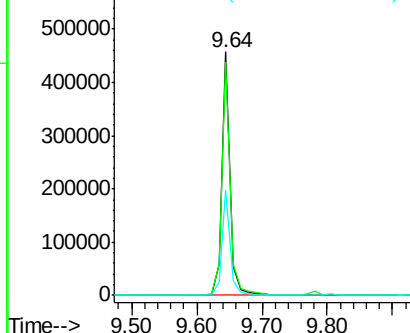
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF090009.D
 Acq: 7 Sep 2016 17:14

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:164 Resp: 414494
 Ion Ratio Lower Upper
 164 100
 162 95.9 77.1 115.7
 160 43.5 35.3 52.9

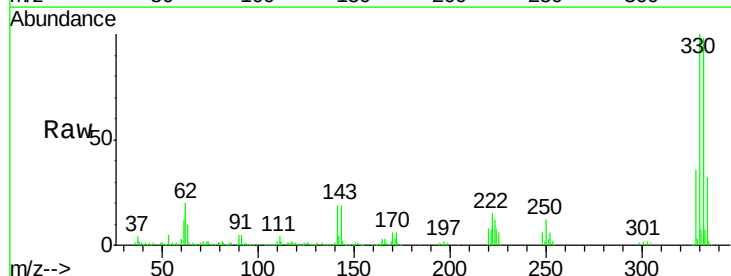


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

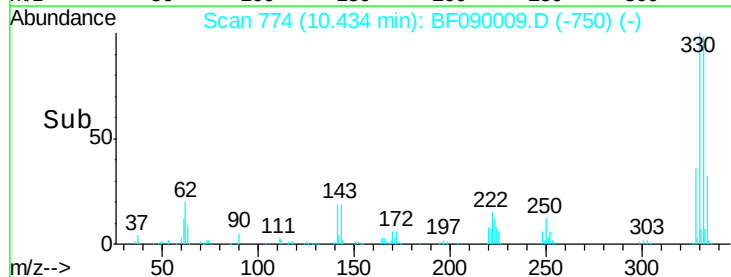
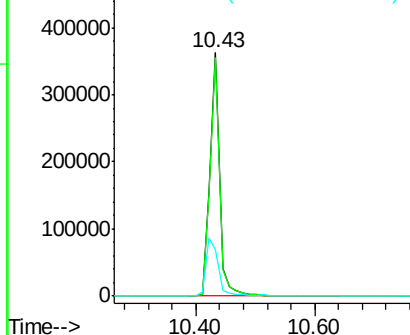


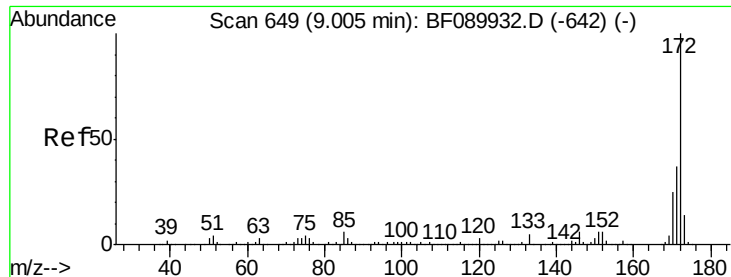
#41
 2,4,6-Tribromophenol
 Concen: 100.28 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF090009.D
 Acq: 7 Sep 2016 17:14

Tgt Ion:330 Resp: 410070
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.6 117.8
 141 30.5 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

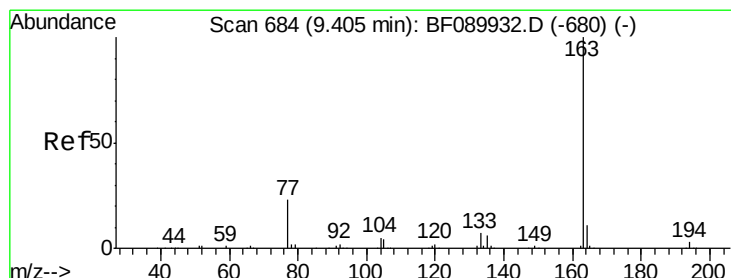
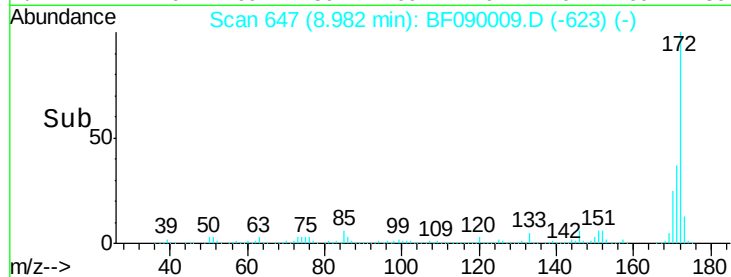
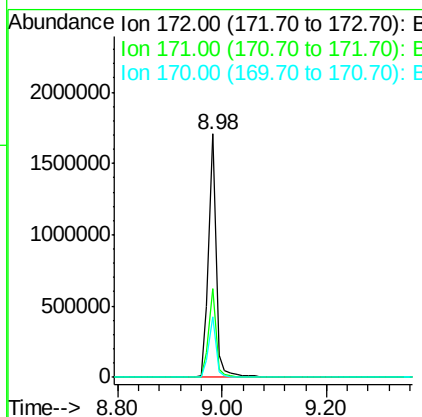
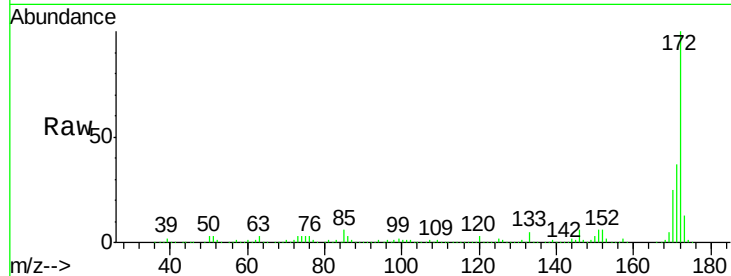




#44
 2-Fluorobiphenyl
 Concen: 69.11 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF090009.D
 Acq: 7 Sep 2016 17:14

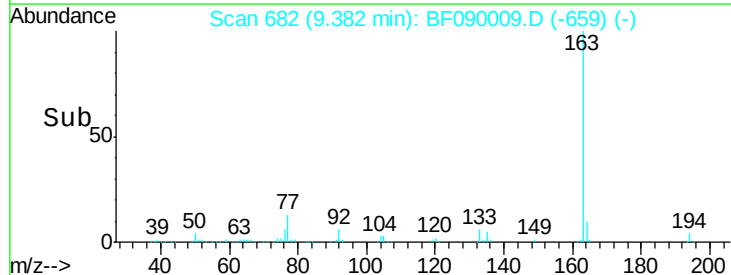
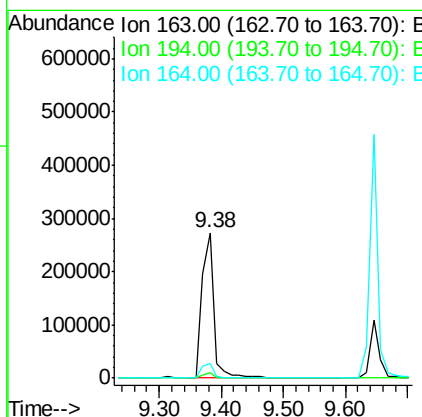
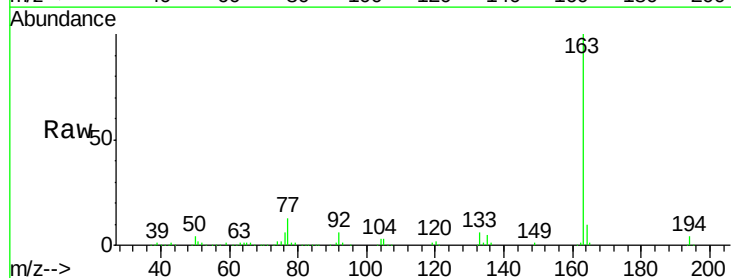
Instrument :
 BNA_F
 ClientSampleId :

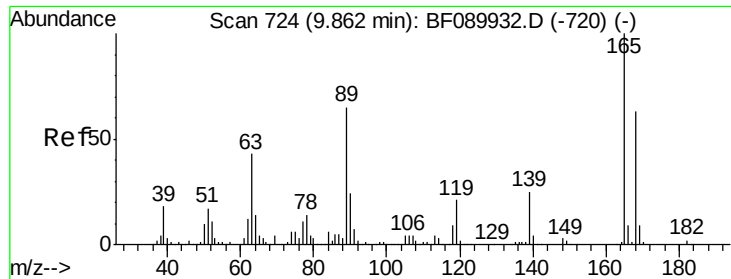
Tot Ion:172 Resp: 1745082
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.9 20.1 30.1



#49
 Dimethylphthalate
 Concen: 12.43 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.03 min
 Lab File: BF090009.D
 Acq: 7 Sep 2016 17:14

Tgt Ion:163 Resp: 372413
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 10.0 9.0 13.4

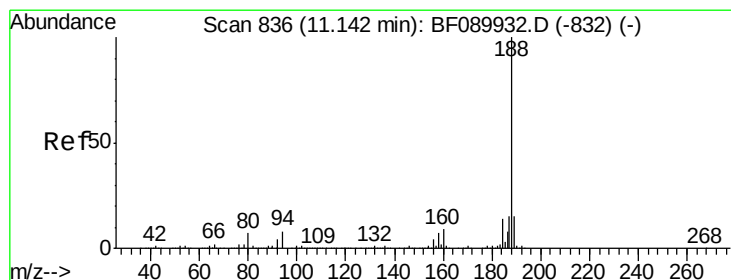
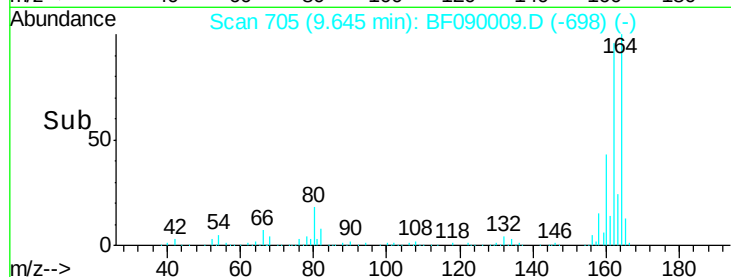
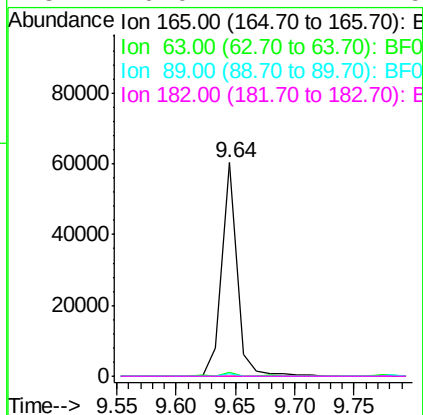
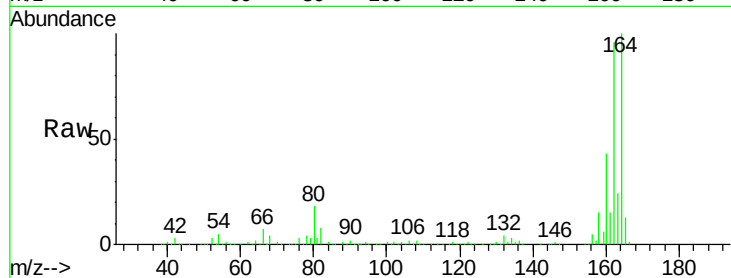




#56
 2,4-Dinitrotoluene
 Concen: 6.34 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.22 min
 Lab File: BF090009.D
 Acq: 7 Sep 2016 17:14

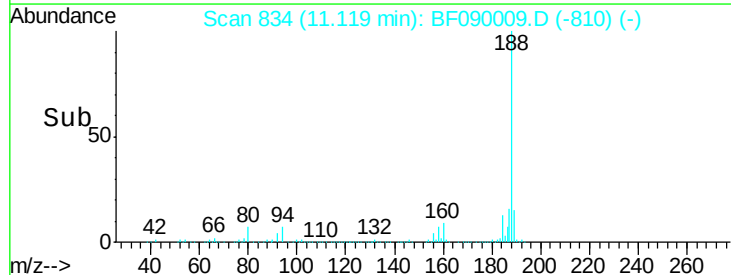
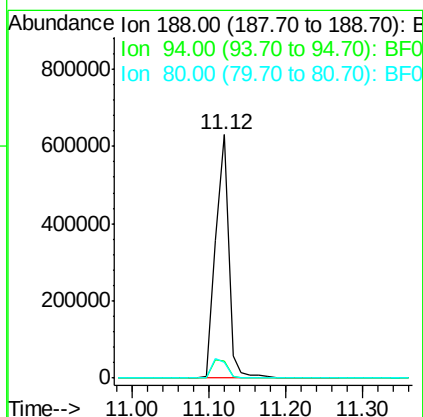
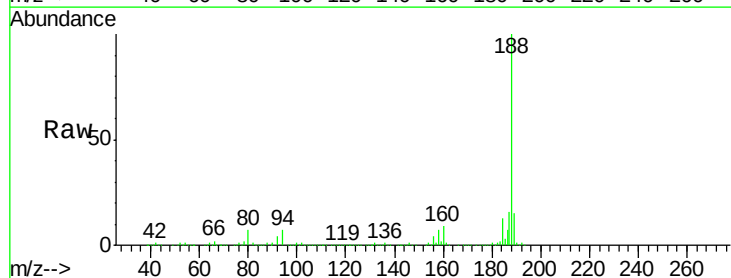
Instrument :
 BNA_F
 ClientSampleId :

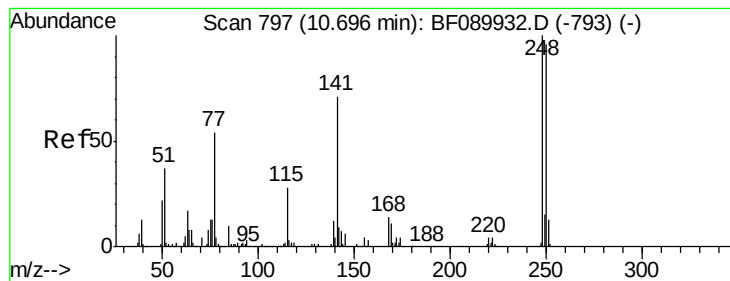
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	32.5	48.7#
89	1.2	48.3	72.5#
182	0.0	1.7	2.5#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF090009.D
 Acq: 7 Sep 2016 17:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.9	8.9
80	6.7	5.8	8.8





#66

4-Bromophenyl-phenylether

Concen: 3.55 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.26 min

Lab File: BF090009.D

Acq: 7 Sep 2016 17:14

Instrument :

BNA_F

ClientSampled :

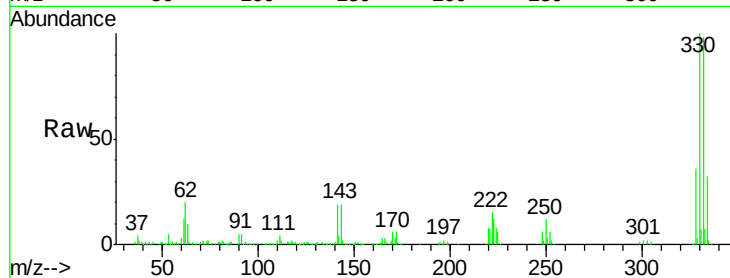
Tot Ion:248 Resp: 26649

Ion Ratio Lower Upper

248 100

250 205.7 77.3 115.9#

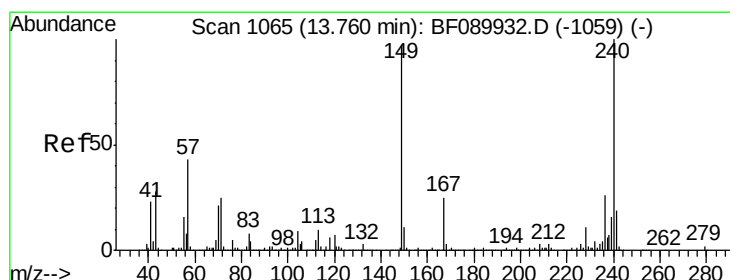
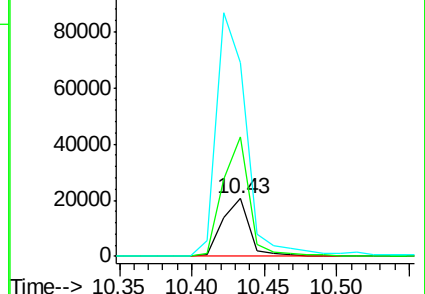
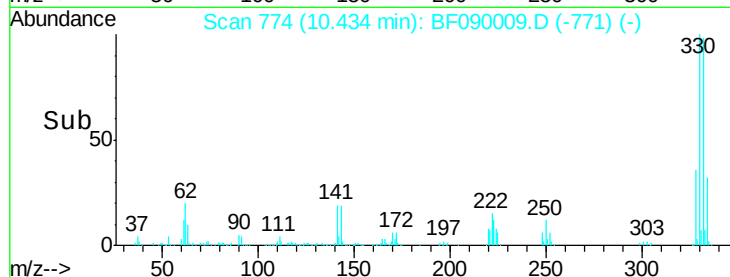
141 333.8 55.8 83.8#



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: BF090009.D

Acq: 7 Sep 2016 17:14

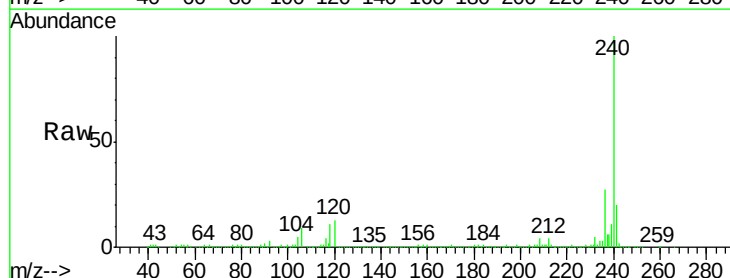
Tgt Ion:240 Resp: 481949

Ion Ratio Lower Upper

240 100

120 12.8 5.7 8.5#

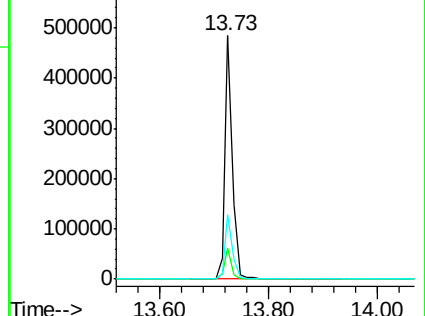
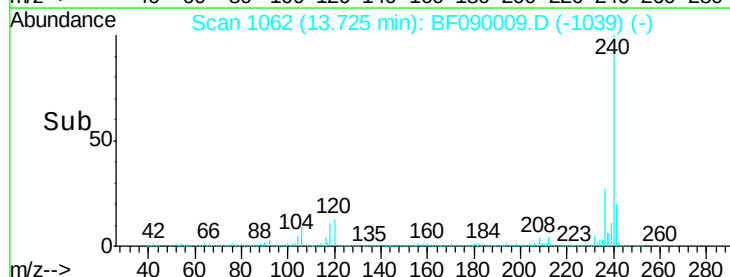
236 26.6 21.3 31.9

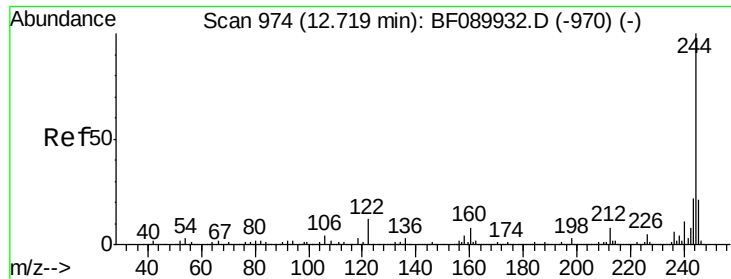


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



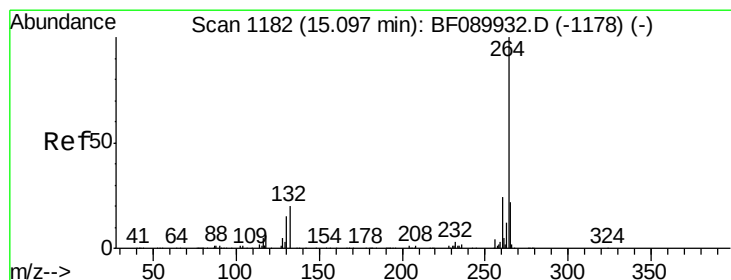
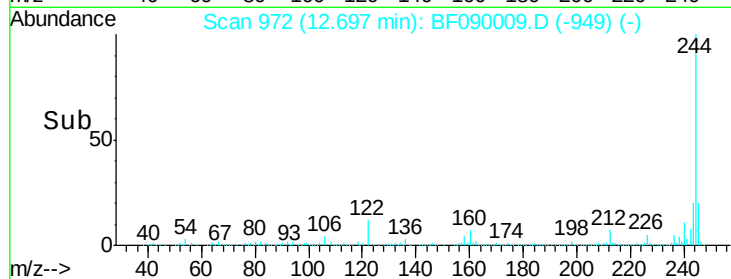
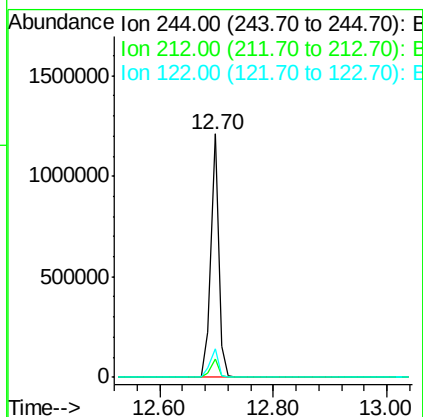
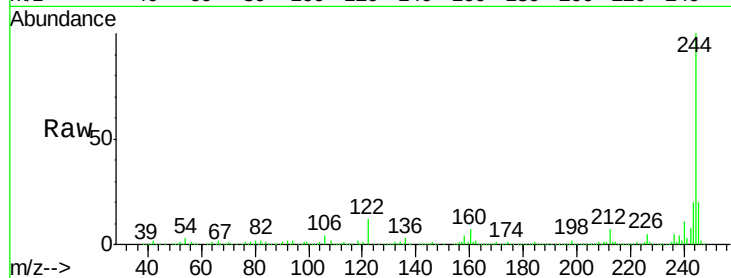


#78
 Terphenyl-d14
 Concen: 57.21 ng
 RT: 12.70 min Scan# 972
 Delta R.T. -0.03 min
 Lab File: BF090009.D
 Acq: 7 Sep 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1116083

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	11.6	9.6	14.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF090009.D
 Acq: 7 Sep 2016 17:14

Tgt Ion:264 Resp: 447953

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.7	17.4	26.2

