

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090716\
 Data File : BF090001.D
 Acq On : 7 Sep 2016 13:28
 Operator : UM/SJ
 Sample : H4676-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-7

Quant Time: Sep 07 14:58:32 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

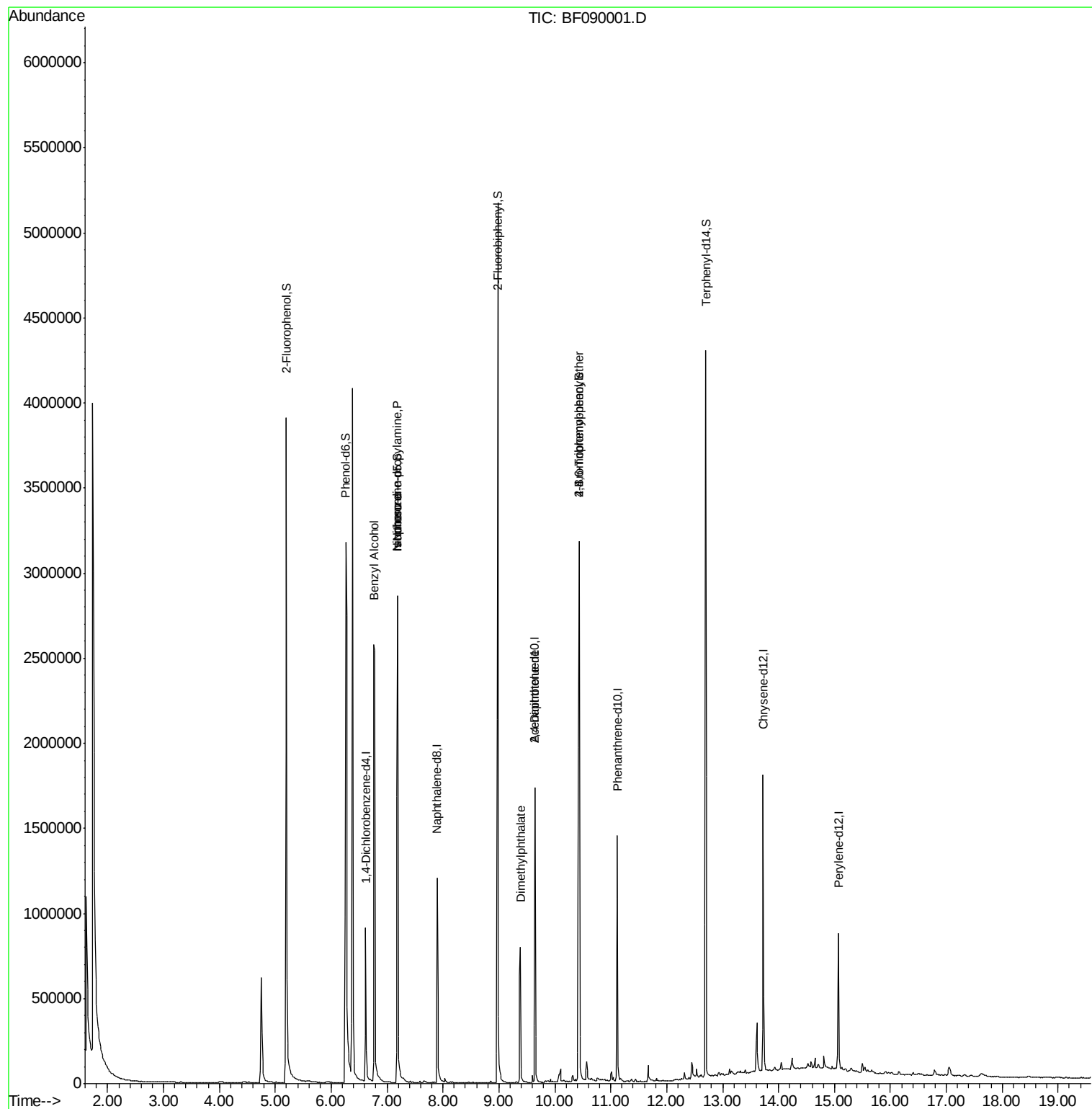
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	178089	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	706424	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	379311	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	759006	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	610164	20.00	ng	-0.03
86) Perylene-d12	15.07	264	458540	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1510101	135.73	ng	-0.01
7) Phenol-d6	6.26	99	2073537	153.38	ng	-0.02
23) Nitrobenzene-d5	7.19	82	1231430	101.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	508776	135.96	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1920374	83.11	ng	-0.02
78) Terphenyl-d14	12.70	244	1689008	68.38	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.76	79	17441	2.06	ng	# 48
19) n-Nitroso-di-n-propylamine	7.19	70	163869	18.60	ng	# 79
25) Isophorone	7.19	82	1185817	47.87	ng	# 65
49) Dimethylphthalate	9.38	163	536331	19.56	ng	97
56) 2,4-Dinitrotoluene	9.64	165	47525	6.15	ng	# 29
66) 4-Bromophenyl-phenylether	10.43	248	35260	4.61	ng	# 1

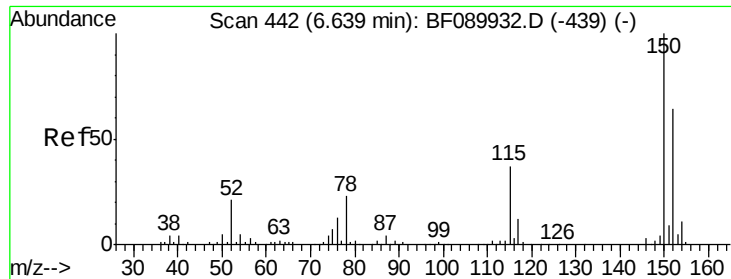
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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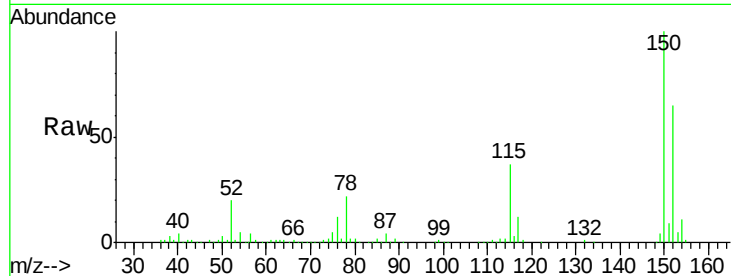


#1

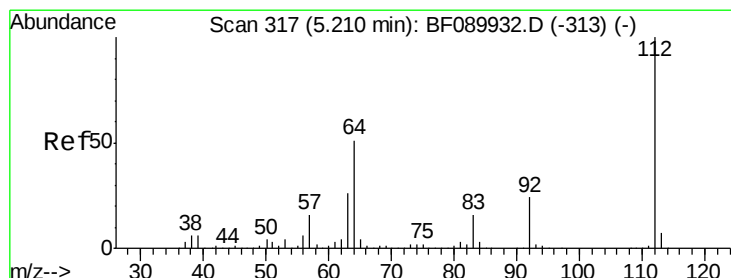
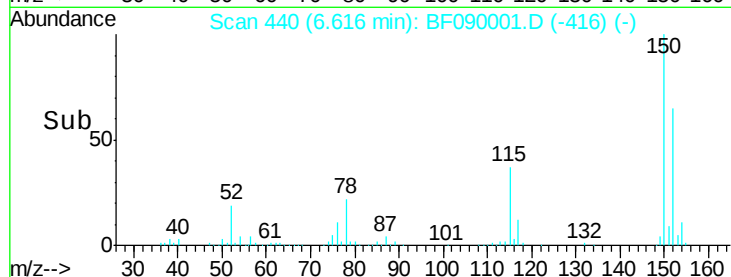
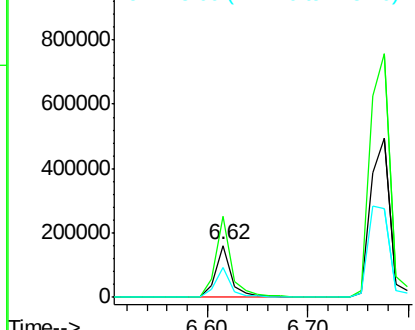
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF090001.D
Acq: 7 Sep 2016 13:28

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-7

Tot Ion:152 Resp: 178089
Ion Ratio Lower Upper
152 100
150 154.9 127.4 191.2
115 57.0 46.3 69.5



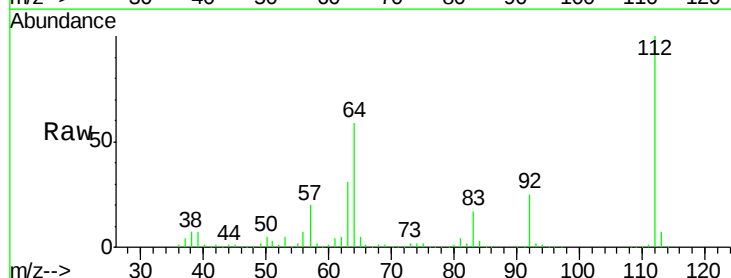
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



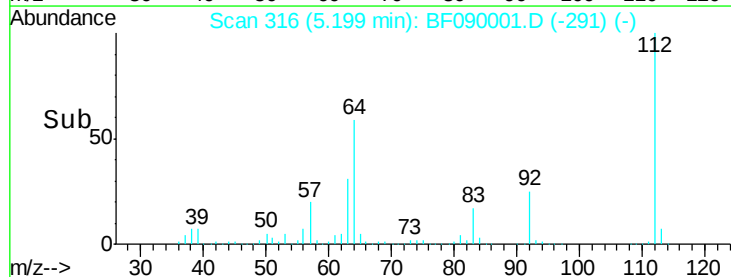
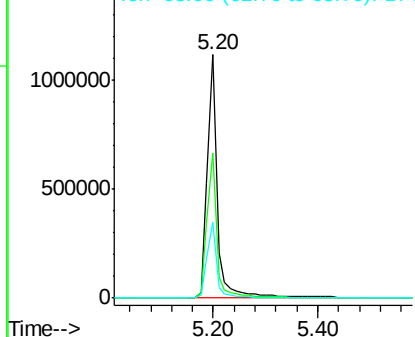
#5

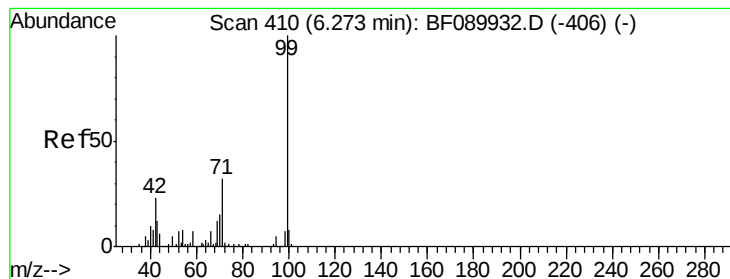
2-Fluorophenol
Concen: 135.73 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.01 min
Lab File: BF090001.D
Acq: 7 Sep 2016 13:28

Tgt Ion:112 Resp: 1510101
Ion Ratio Lower Upper
112 100
64 59.4 41.1 61.7
63 31.1 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: 153.38 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF090001.D

Acq: 7 Sep 2016 13:28

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-7

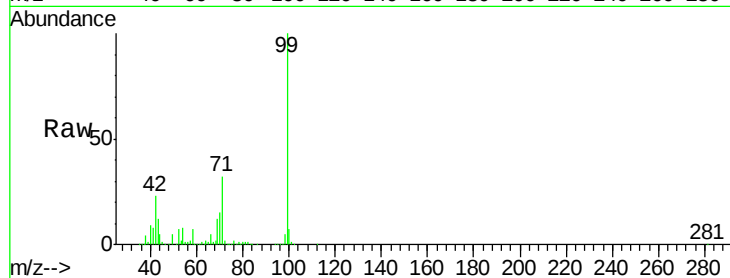
Tot Ion: 99 Resp: 2073537

Ion	Ratio	Lower	Upper
99	100		
42	22.6	18.6	27.8
71	32.3	25.8	38.6

99 100

42 22.6 18.6 27.8

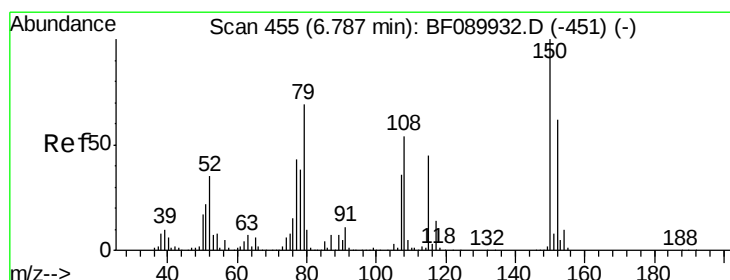
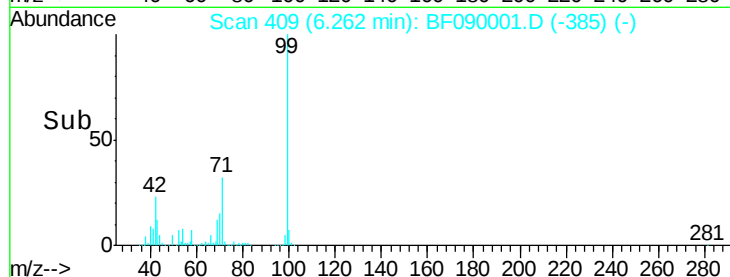
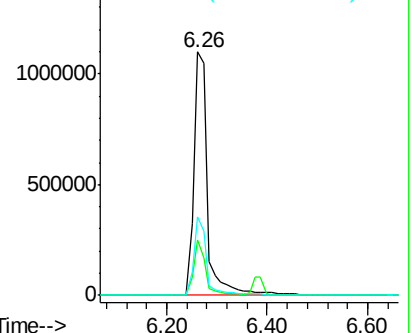
71 32.3 25.8 38.6



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: 2.06 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF090001.D

Acq: 7 Sep 2016 13:28

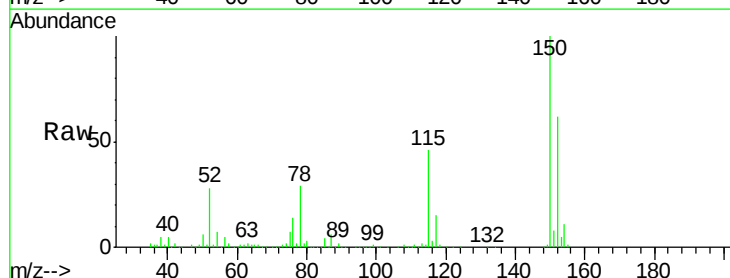
Tgt Ion: 79 Resp: 17441

Ion	Ratio	Lower	Upper
79	100		
108	25.9	62.1	93.1#
77	95.5	50.1	75.1#

79 100

108 25.9 62.1 93.1#

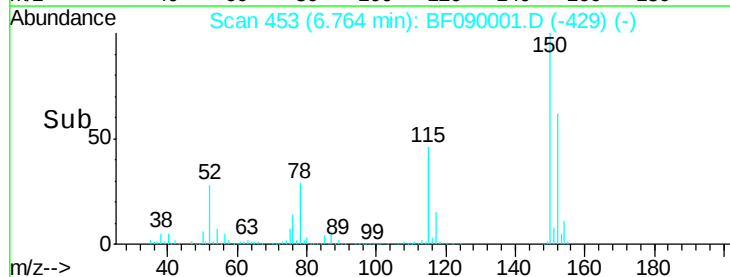
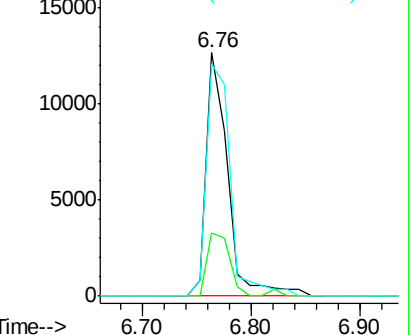
77 95.5 50.1 75.1#

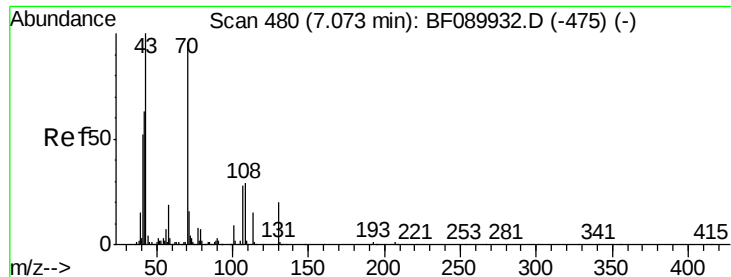


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 18.60 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.11 min

Lab File: BF090001.D

Acq: 7 Sep 2016 13:28

Instrument :

BNA_F

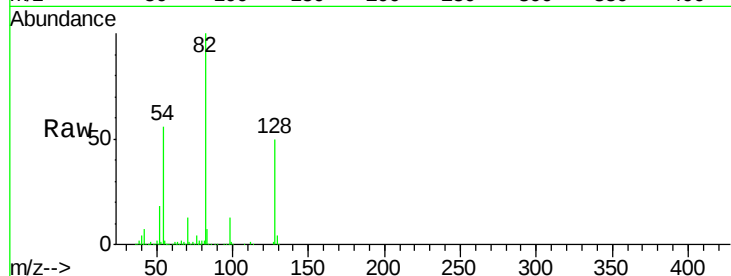
ClientSampleId :

TEMP-AB(0-2)-7

Tot Ion: 70 Resp: 163869

Ion Ratio Lower Upper

70	100		
42	54.3	52.1	78.1
101	0.0	7.4	11.2#
130	2.7	17.0	25.4#

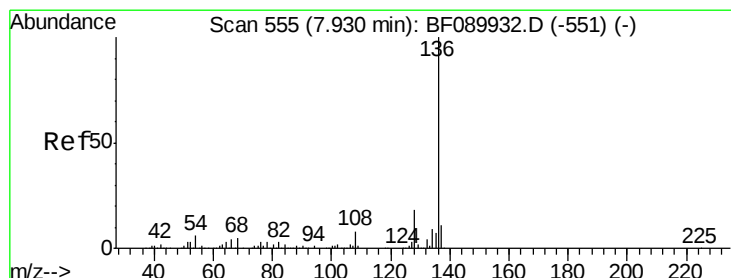
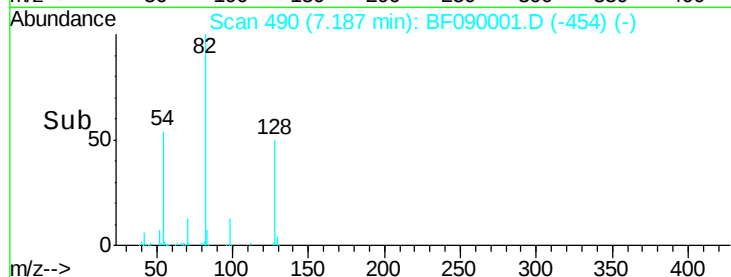
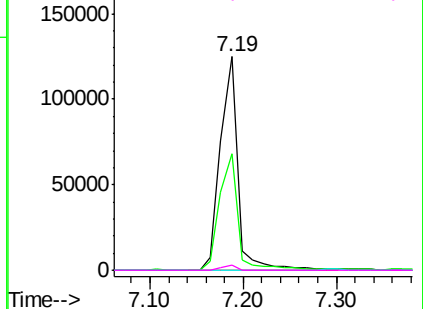


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.90 min Scan# 552

Delta R.T. -0.03 min

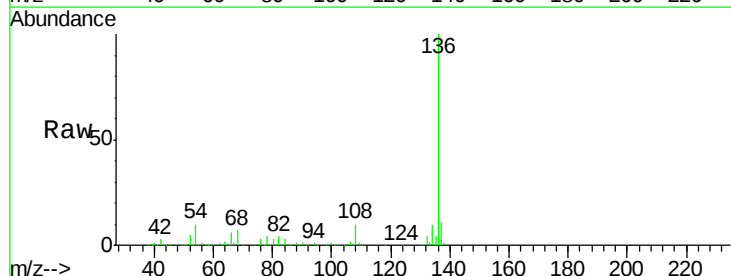
Lab File: BF090001.D

Acq: 7 Sep 2016 13:28

Tgt Ion: 136 Resp: 706424

Ion Ratio Lower Upper

136	100		
137	11.3	8.3	12.5
54	10.2	4.8	7.2#
68	6.9	3.7	5.5#

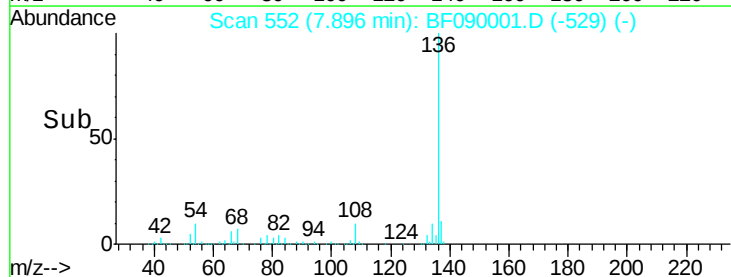
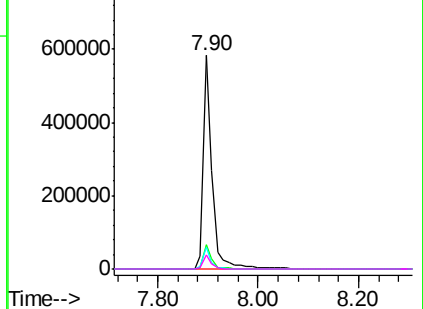


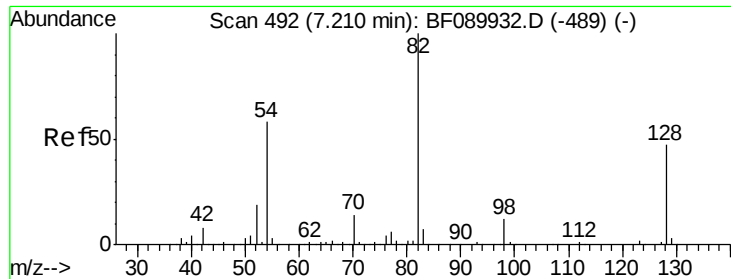
Abundance Ion 136.00 (135.70 to 136.70): BF0

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

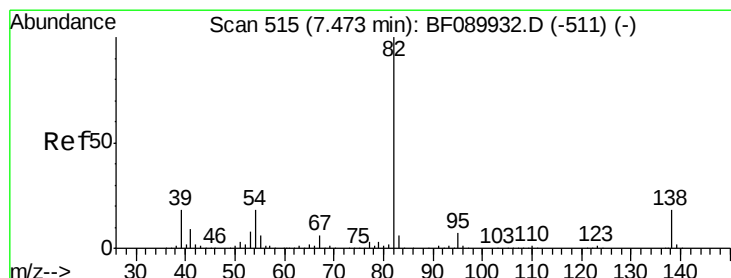
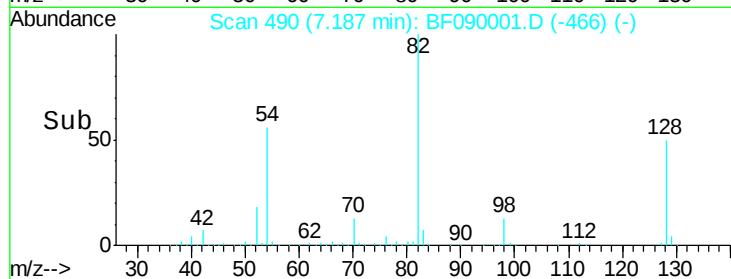
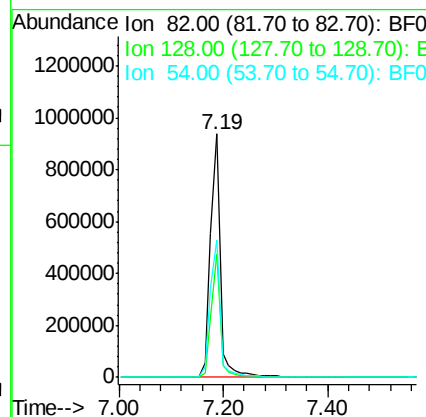
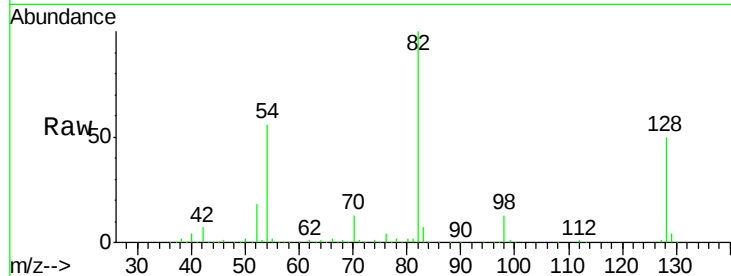




#23
 Nitrobenzene-d5
 Concen: 101.10 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF090001.D
 Acq: 7 Sep 2016 13:28

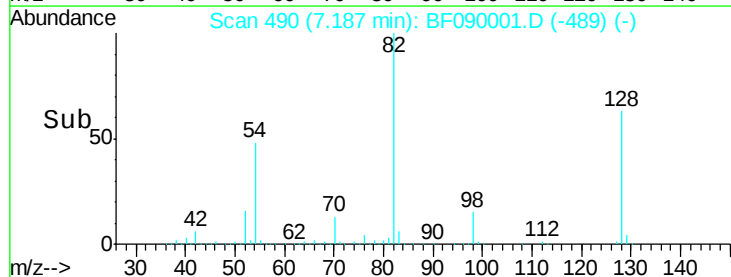
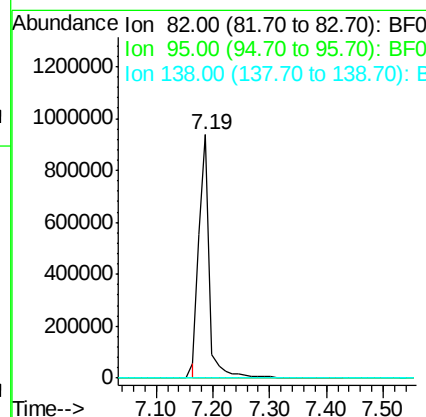
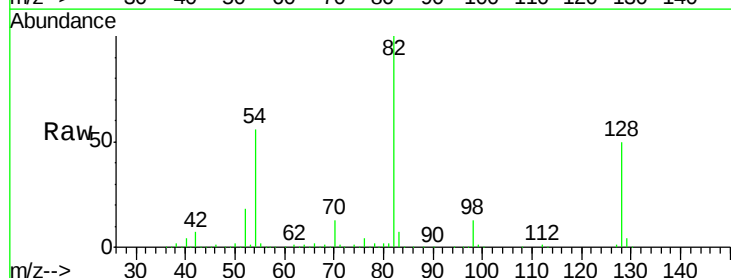
Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-7

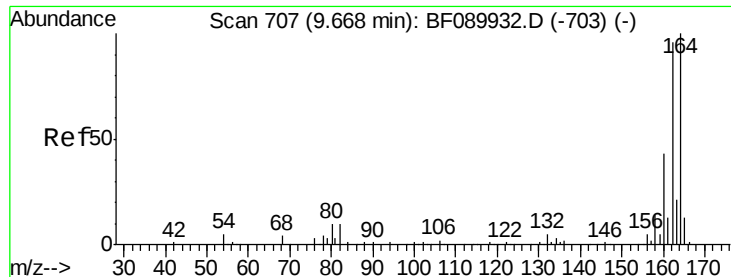
Tot Ion: 82 Resp: 1231430
 Ion Ratio Lower Upper
 82 100
 128 50.4 37.8 56.8
 54 56.4 46.9 70.3



#25
 Isophorone
 Concen: 47.87 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.29 min
 Lab File: BF090001.D
 Acq: 7 Sep 2016 13:28

Tgt Ion: 82 Resp: 1185817
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 14.4 21.6#

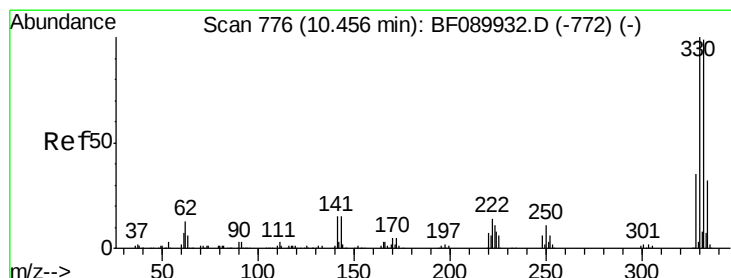
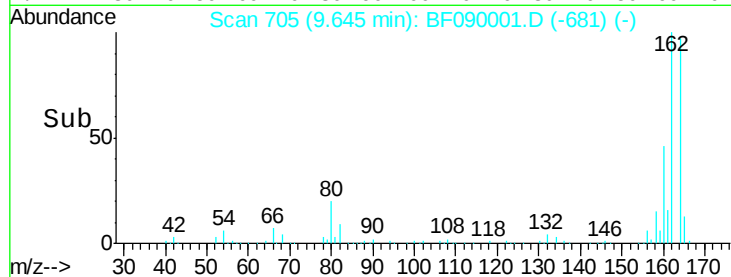
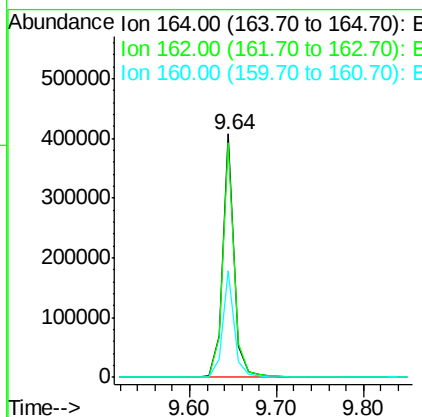
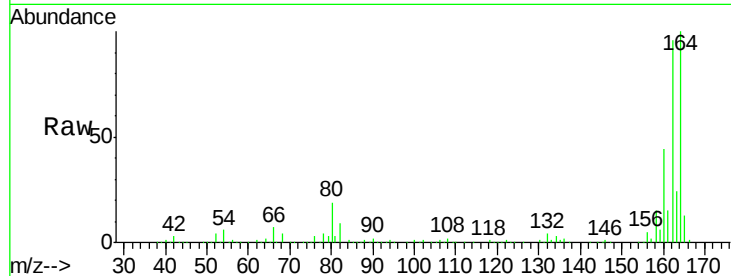




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF090001.D
Acq: 7 Sep 2016 13:28

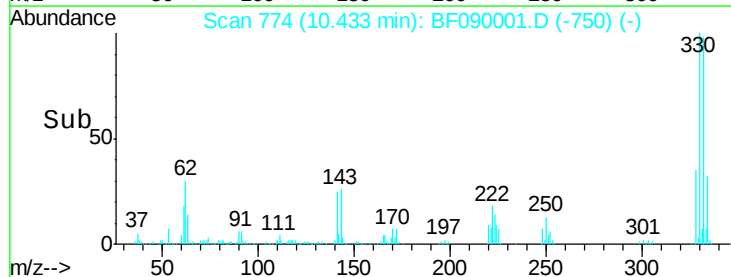
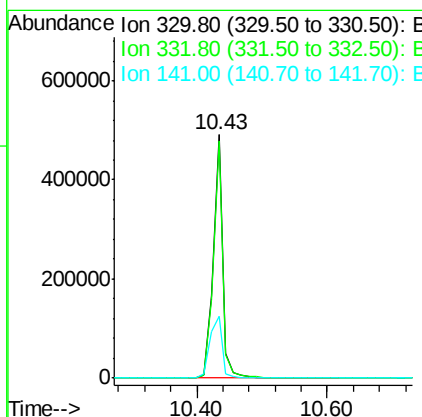
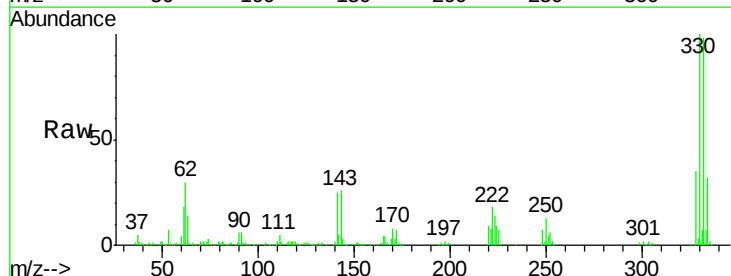
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ClientSampleId :
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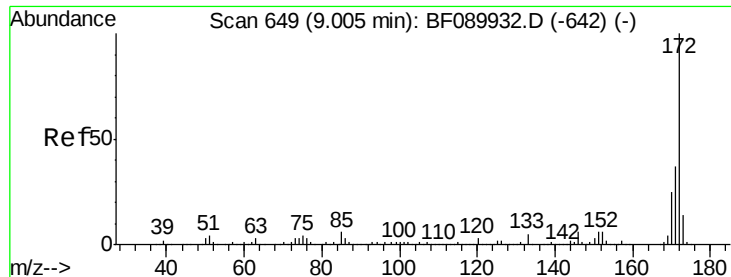
Tot Ion:164 Resp: 379311
Ion Ratio Lower Upper
164 100
162 96.2 77.1 115.7
160 43.6 35.3 52.9



#41
2,4,6-Tribromophenol
Concen: 135.96 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF090001.D
Acq: 7 Sep 2016 13:28

Tgt Ion:330 Resp: 508776
Ion Ratio Lower Upper
330 100
332 97.0 78.6 117.8
141 32.7 23.3 34.9

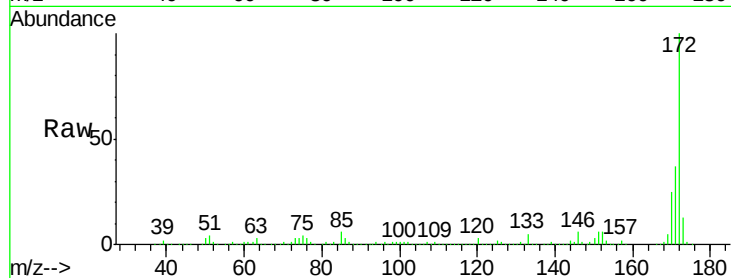




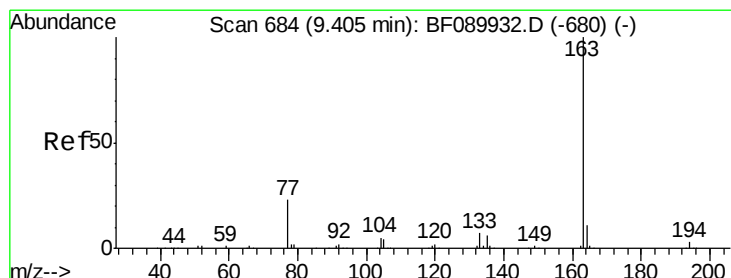
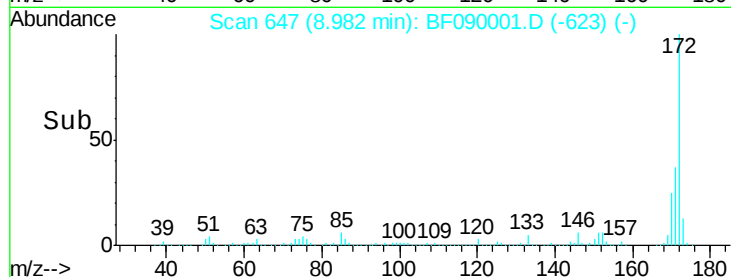
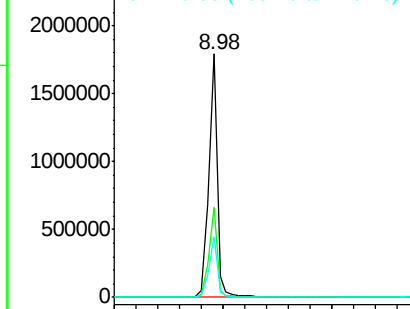
#44
2-Fluorobiphenyl
Concen: 83.11 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF090001.D
Acq: 7 Sep 2016 13:28

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-7

Tot Ion:172 Resp: 1920374
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.2
170 25.1 20.1 30.1

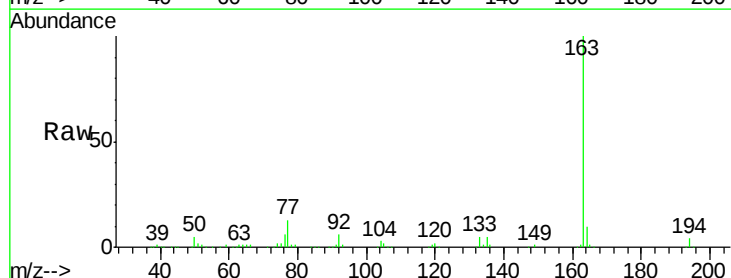


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

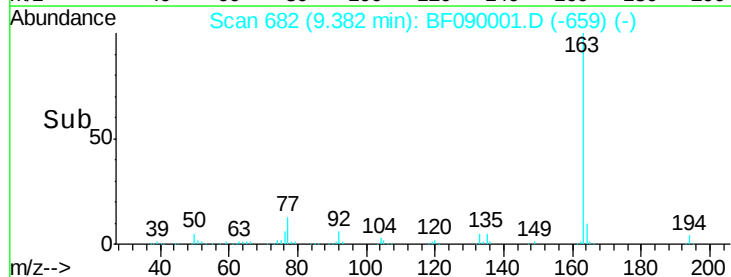
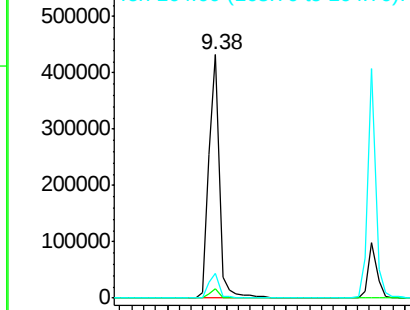


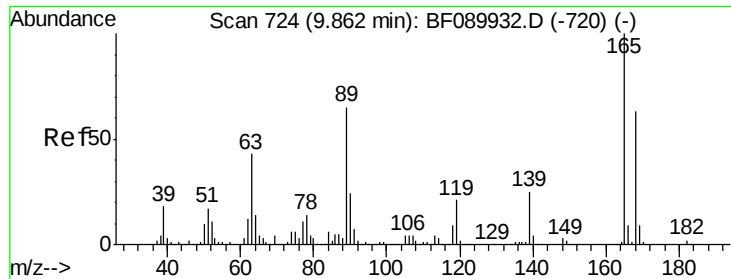
#49
Dimethylphthalate
Concen: 19.56 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF090001.D
Acq: 7 Sep 2016 13:28

Tgt Ion:163 Resp: 536331
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.2 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

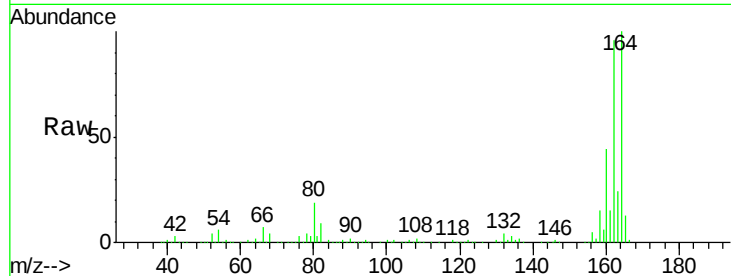




#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.22 min
Lab File: BF090001.D
Acq: 7 Sep 2016 13:28

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-7

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.5	48.7#
89	1.4	48.3	72.5#
182	0.0	1.7	2.5#

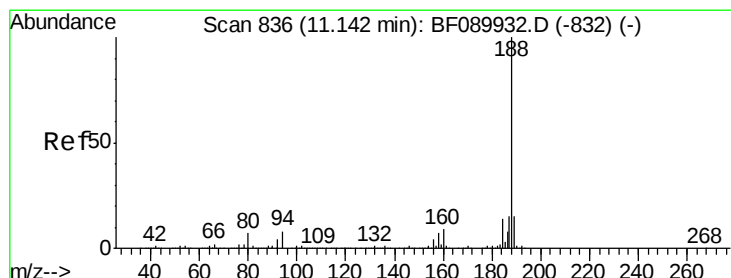
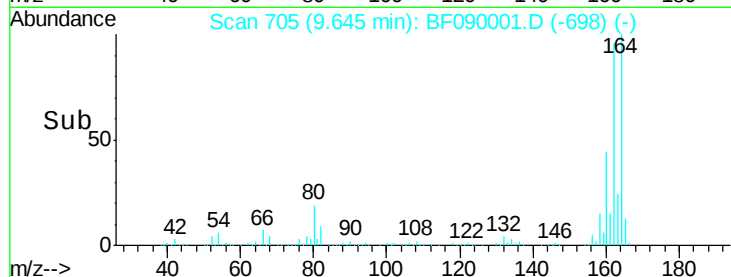
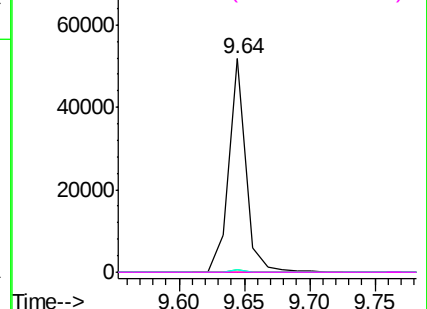


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

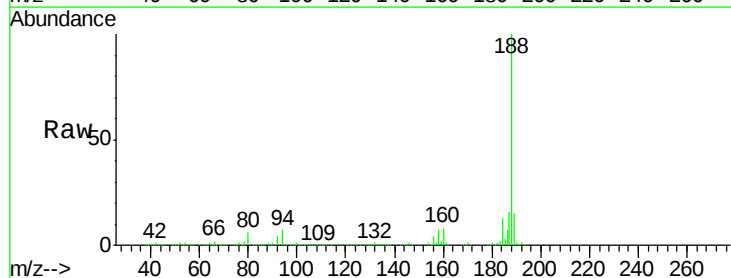
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF090001.D
Acq: 7 Sep 2016 13:28

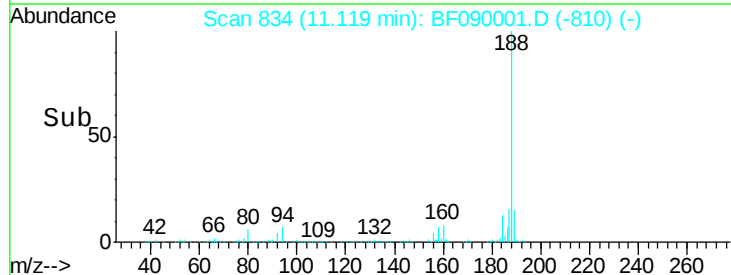
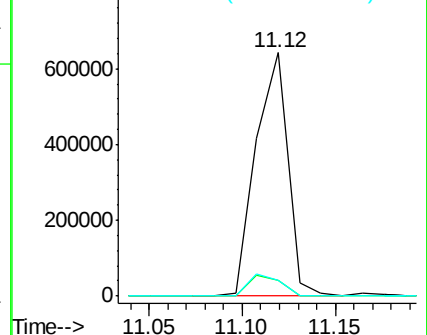
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.9	8.9
80	6.4	5.8	8.8

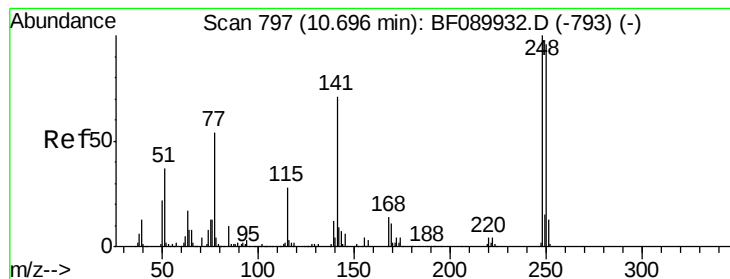


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.61 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.26 min

Lab File: BF090001.D

Acq: 7 Sep 2016 13:28

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-7

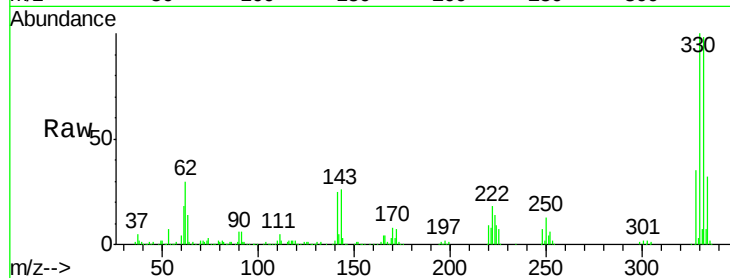
Tot Ion:248 Resp: 35260

Ion Ratio Lower Upper

248 100

250 199.9 77.3 115.9#

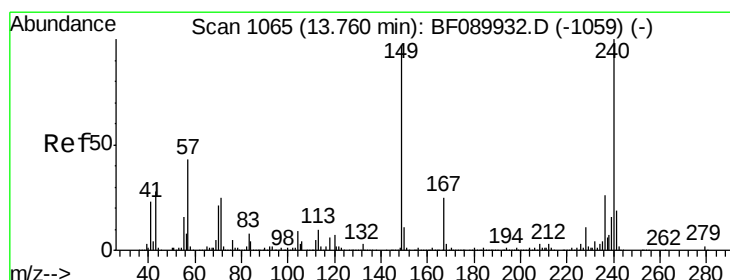
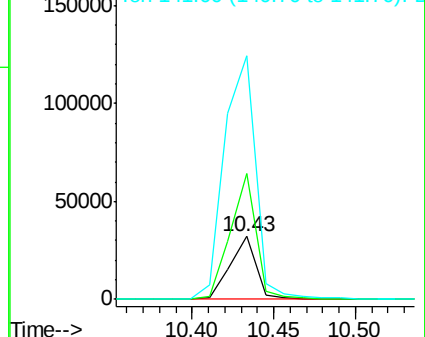
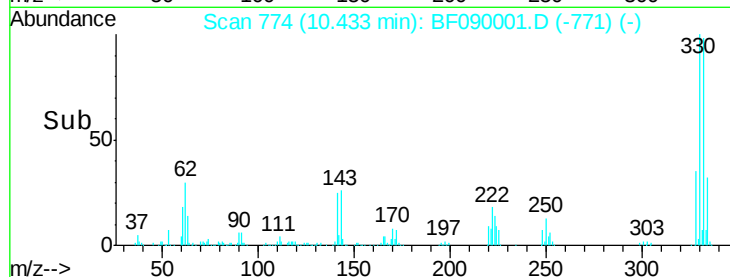
141 388.7 55.8 83.8#



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: BF090001.D

Acq: 7 Sep 2016 13:28

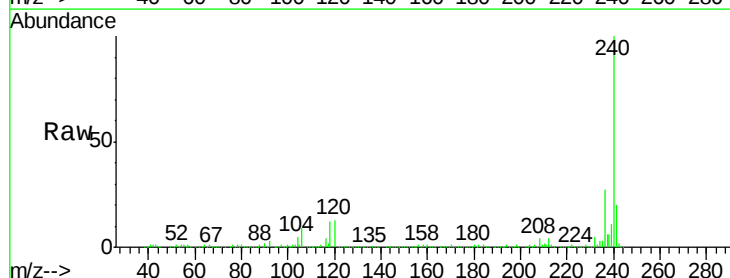
Tgt Ion:240 Resp: 610164

Ion Ratio Lower Upper

240 100

120 13.3 5.7 8.5#

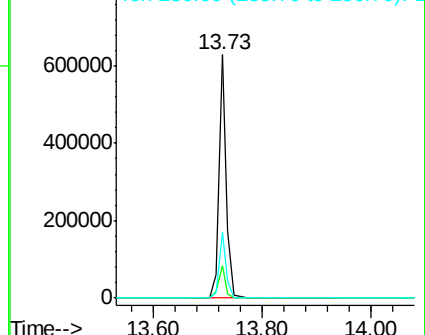
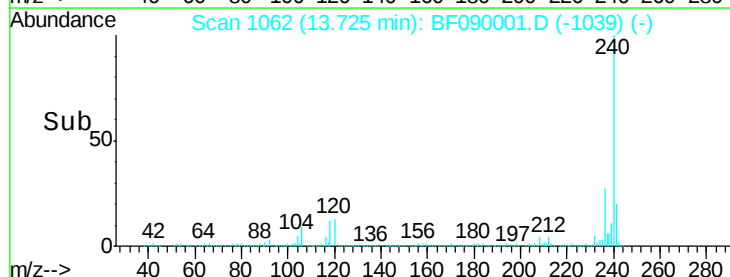
236 27.0 21.3 31.9

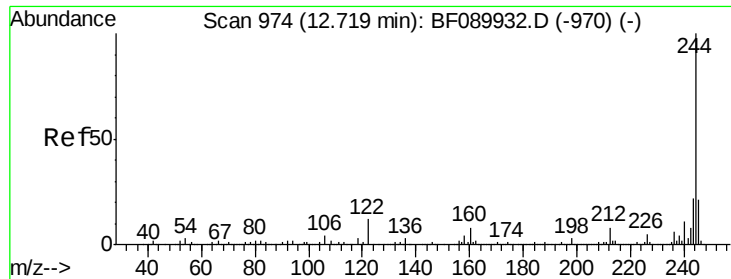


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

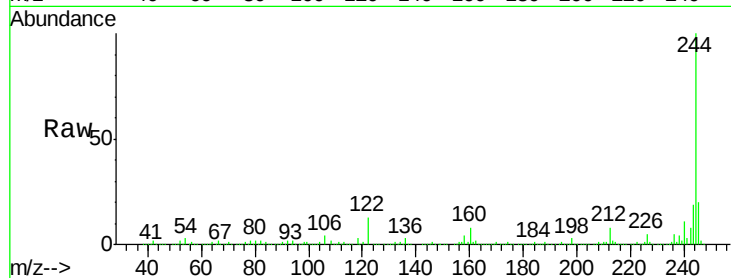




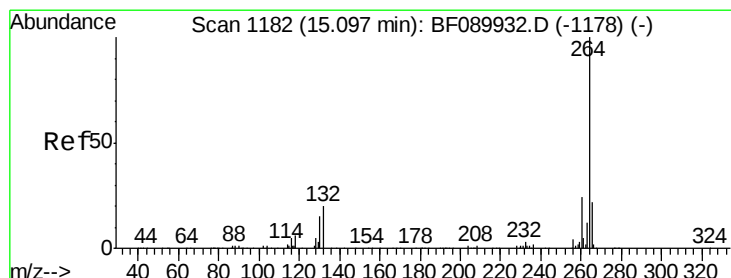
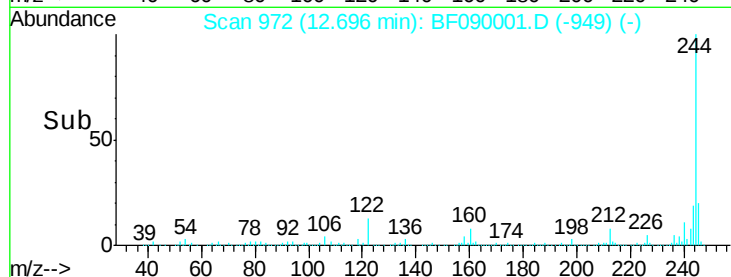
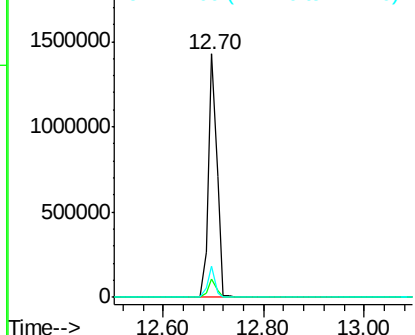
#78
 Terphenyl-d14
 Concen: 68.38 ng
 RT: 12.70 min Scan# 972
 Delta R.T. -0.03 min
 Lab File: BF090001.D
 Acq: 7 Sep 2016 13:28

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-7

Tot Ion:244 Resp: 1689008
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 12.7 9.6 14.4

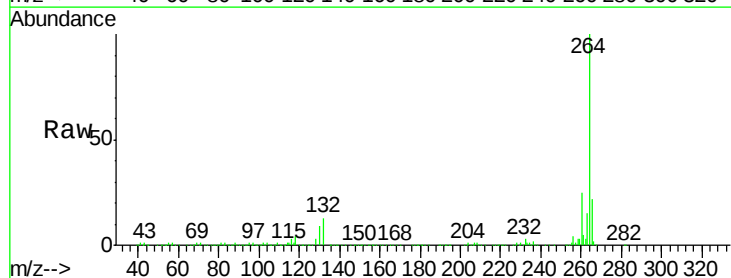


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF090001.D
 Acq: 7 Sep 2016 13:28

Tgt Ion:264 Resp: 458540
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.0
 265 21.7 17.4 26.2



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

