

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089873.D
 Acq On : 24 Aug 2016 14:42
 Operator : UM/SJ
 Sample : H4551-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 24 18:42:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

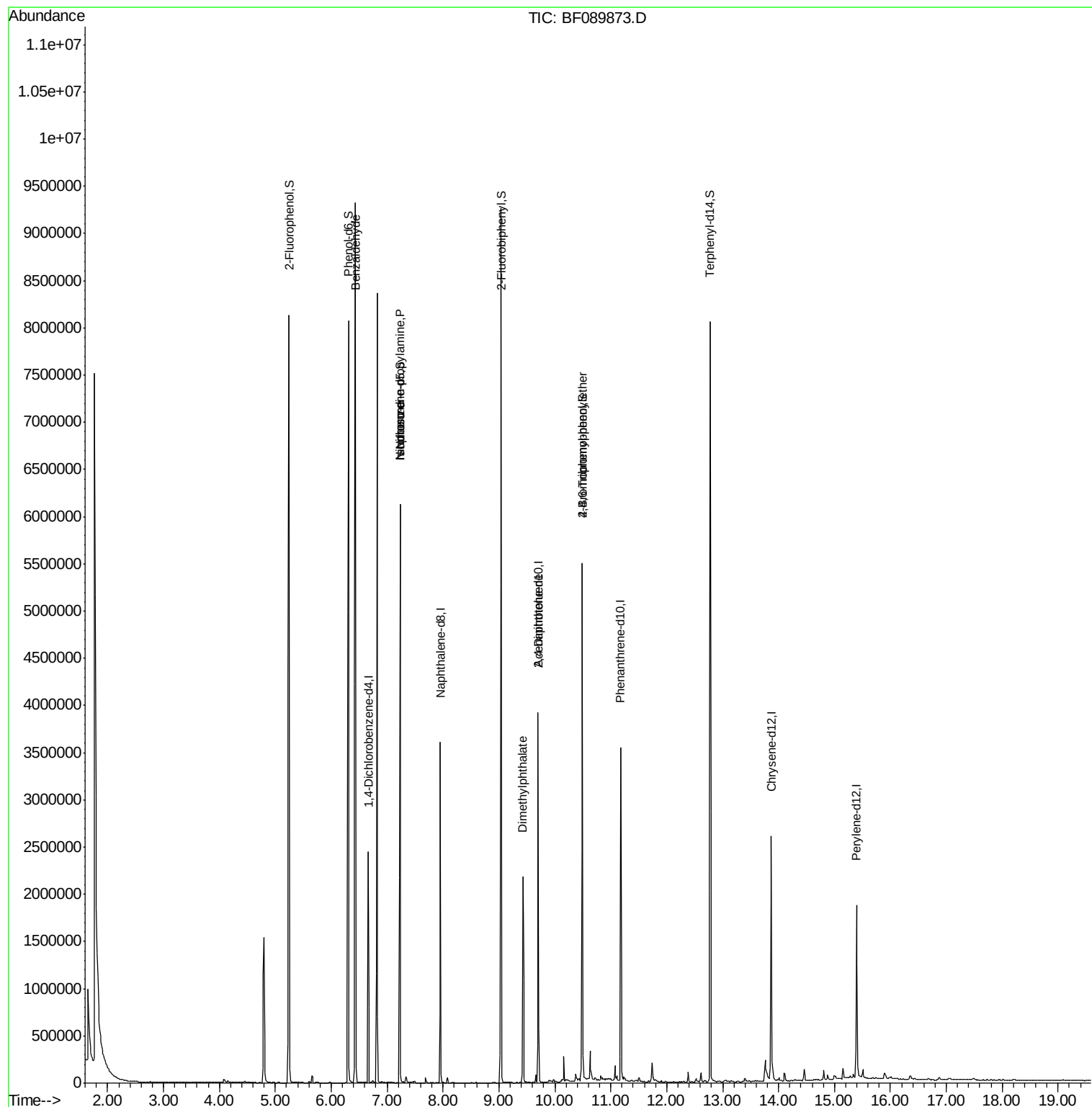
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	379571	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	1593602	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	727982	20.00	ng	-0.03
63) Phenanthrene-d10	11.18	188	1312910	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	1164637	20.00	ng	-0.02
86) Perylene-d12	15.39	264	883392	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2752569	121.00	ng	-0.03
7) Phenol-d6	6.31	99	3643390	125.91	ng	-0.02
23) Nitrobenzene-d5	7.23	82	2079480	79.68	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	744129	105.66	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	3547113	78.19	ng	-0.03
78) Terphenyl-d14	12.78	244	2932224	75.22	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.43	77	64785	3.38	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.23	70	280080	14.78	ng	# 71
25) Isophorone	7.23	82	1519963	29.11	ng	# 67
49) Dimethylphthalate	9.43	163	1125056	21.36	ng	99
56) 2,4-Dinitrotoluene	9.70	165	94184	6.15	ng	# 35
66) 4-Bromophenyl-phenylether	10.49	248	47082	3.46	ng	# 1

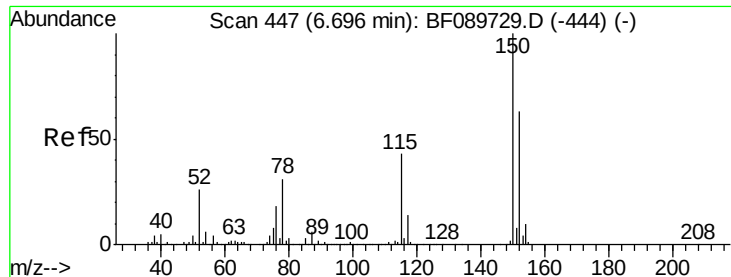
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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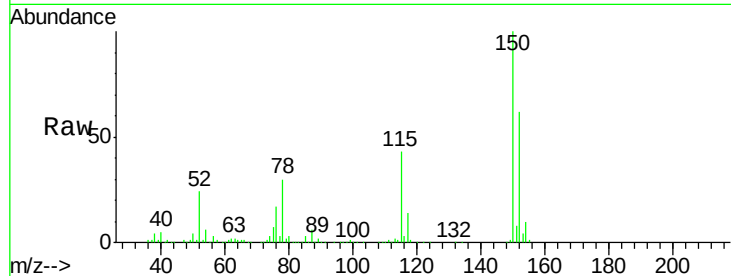


#1

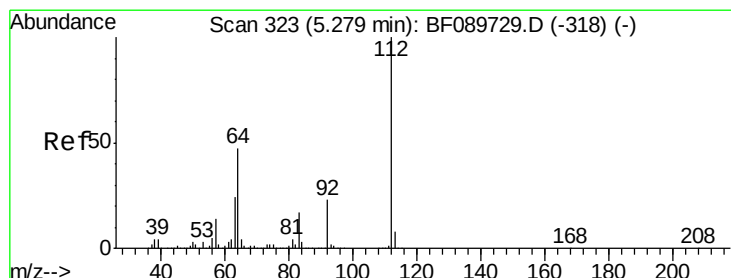
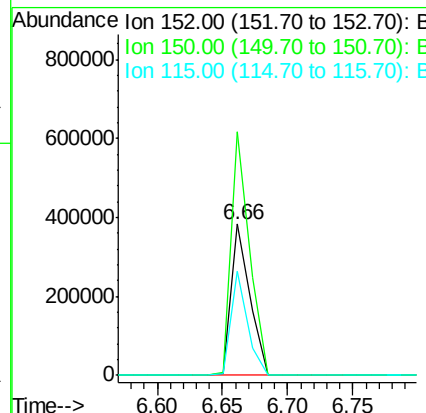
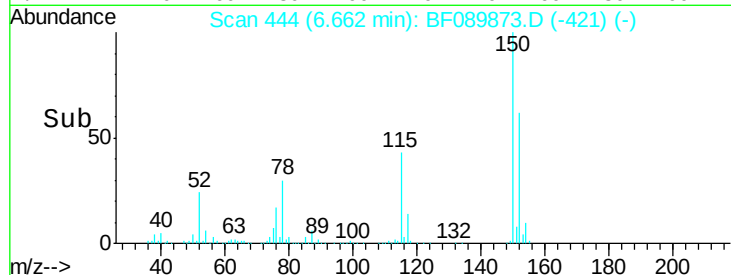
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF089873.D
Acq: 24 Aug 2016 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	125.3	187.9
115	68.6	40.9	61.3



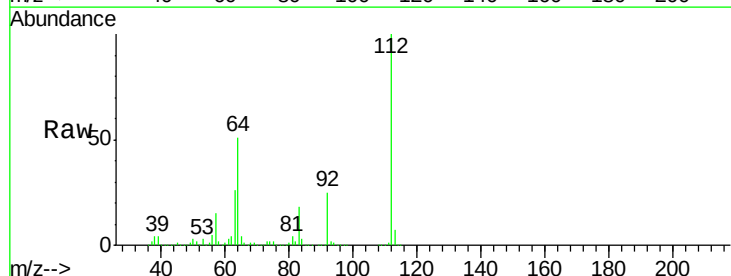
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



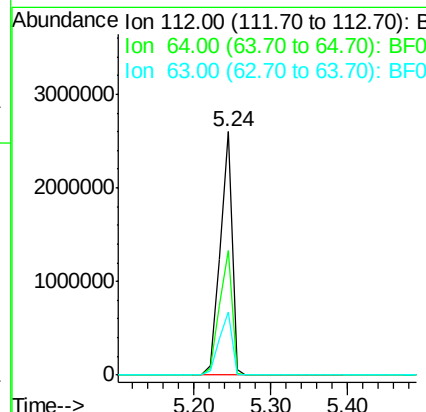
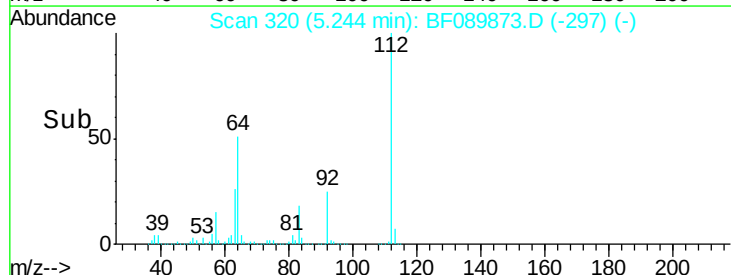
#5

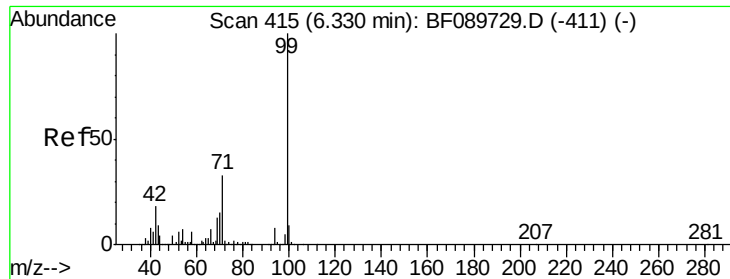
2-Fluorophenol
Concen: 121.00 ng
RT: 5.24 min Scan# 320
Delta R.T. -0.03 min
Lab File: BF089873.D
Acq: 24 Aug 2016 14:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	45.0	67.4
63	26.0	23.1	34.7



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: 125.91 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF089873.D

Acq: 24 Aug 2016 14:42

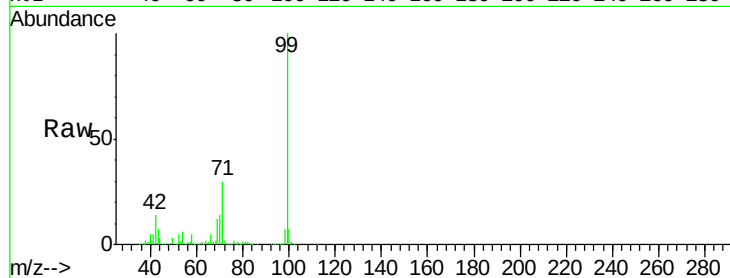
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3643390

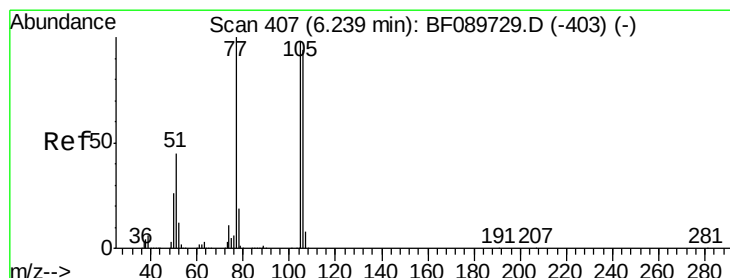
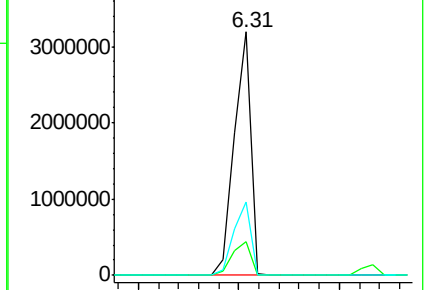
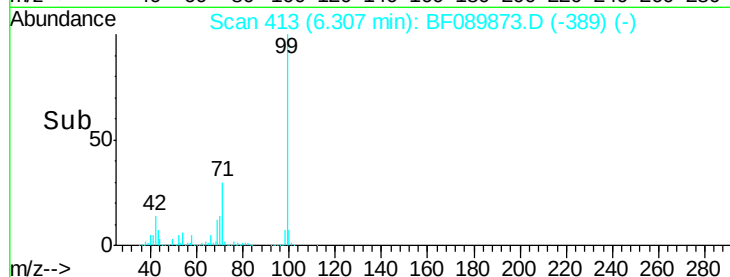
Ion	Ratio	Lower	Upper
99	100		
42	13.7	12.2	18.4
71	30.3	23.8	35.8



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



#9

Benzaldehyde

Concen: 3.38 ng

RT: 6.43 min Scan# 424

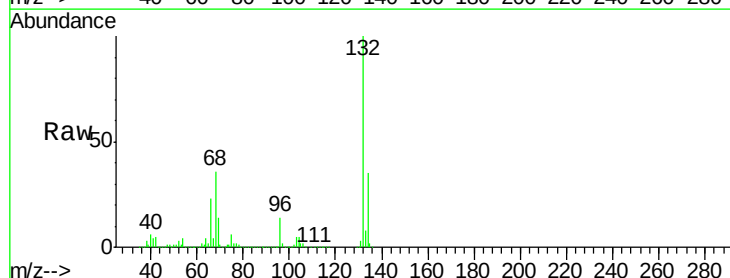
Delta R.T. 0.19 min

Lab File: BF089873.D

Acq: 24 Aug 2016 14:42

Tgt Ion: 77 Resp: 64785

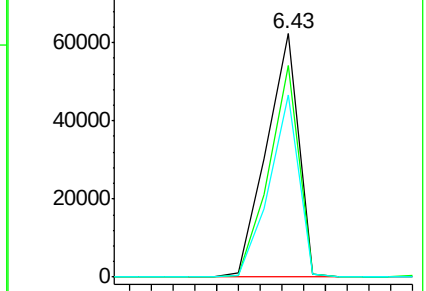
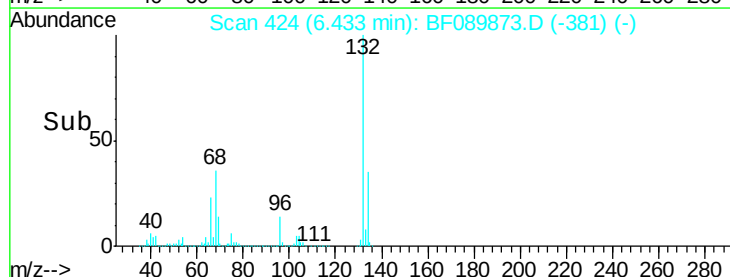
Ion	Ratio	Lower	Upper
77	100		
105	87.0	73.3	113.3
106	74.8	68.6	108.6

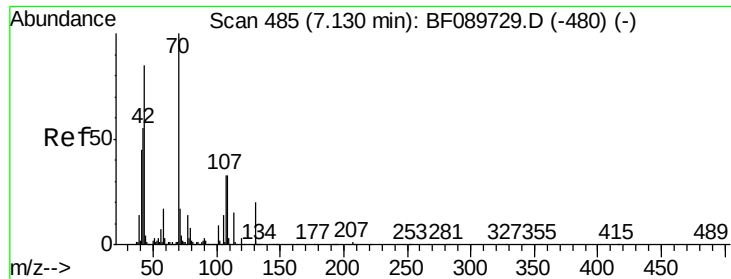


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

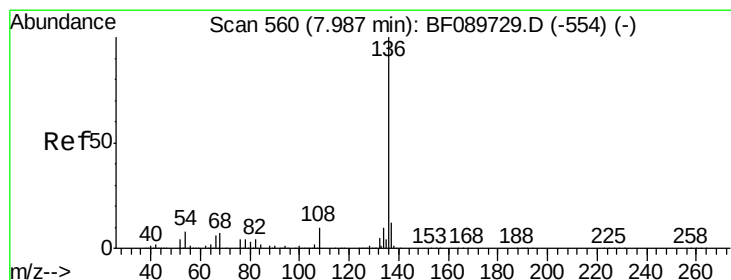
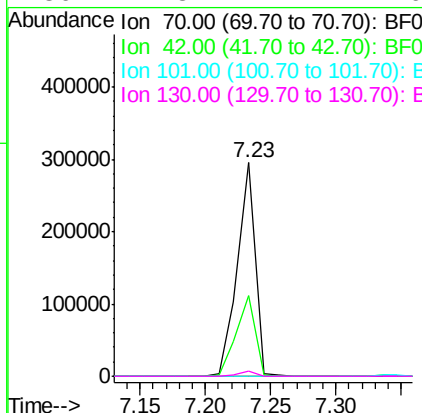
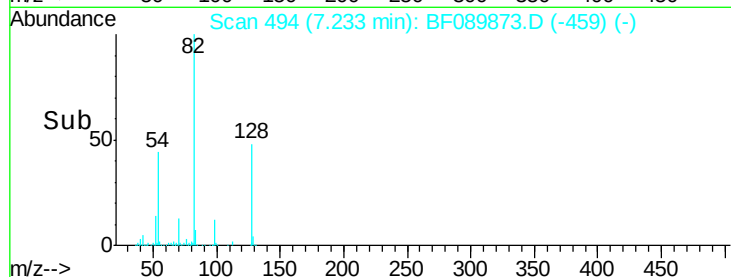
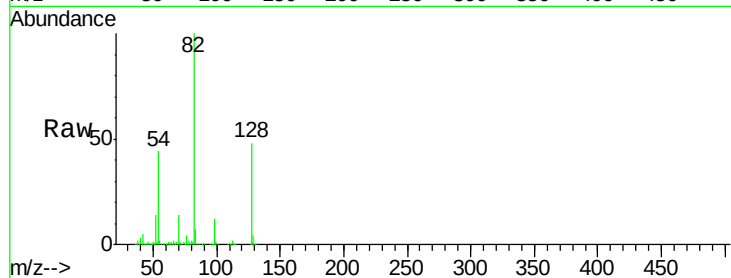




#19
 n-Nitroso-di-n-propylamine
 Concen: 14.78 ng
 RT: 7.23 min Scan# 494
 Delta R.T. 0.10 min
 Lab File: BF089873.D
 Acq: 24 Aug 2016 14:42

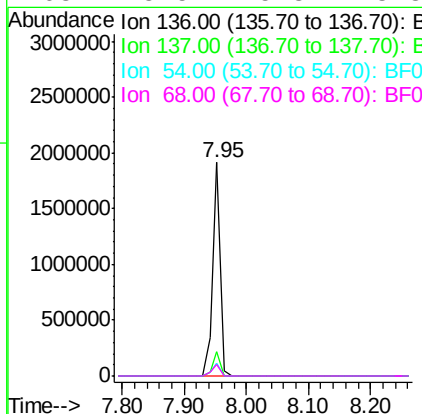
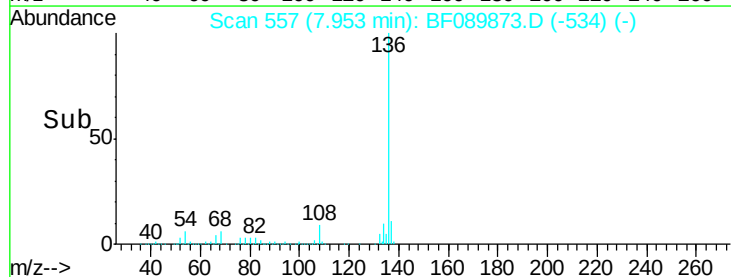
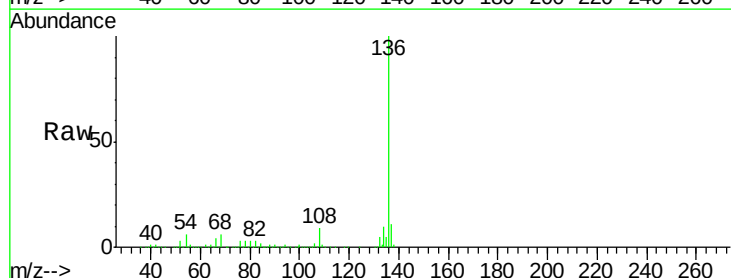
Instrument :
 BNA_F
 ClientSampleId :

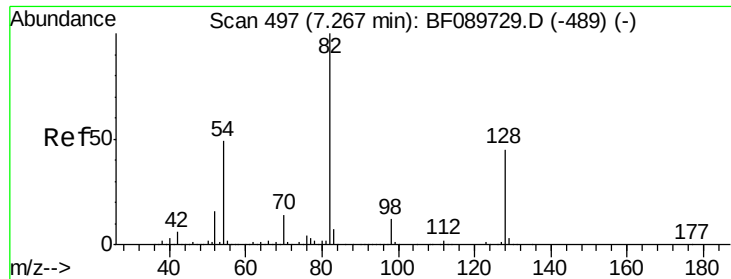
Tot Ion:	70	Resp:	280080
Ion	Ratio	Lower	Upper
70	100		
42	37.9	46.3	69.5#
101	0.0	7.0	10.6#
130	2.3	14.4	21.6#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: BF089873.D
 Acq: 24 Aug 2016 14:42

Tgt Ion:	136	Resp:	1593602
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	5.8	7.2	10.8#
68	5.5	5.8	8.8#

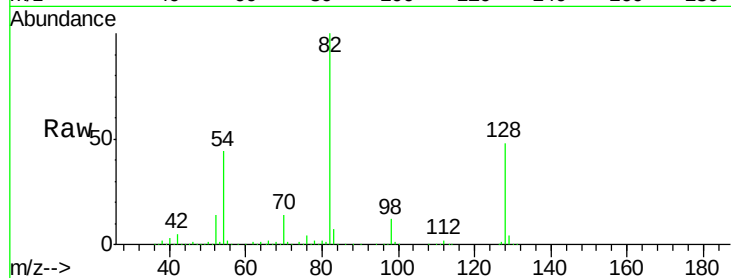




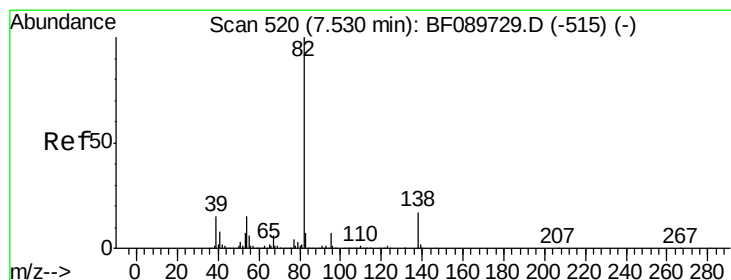
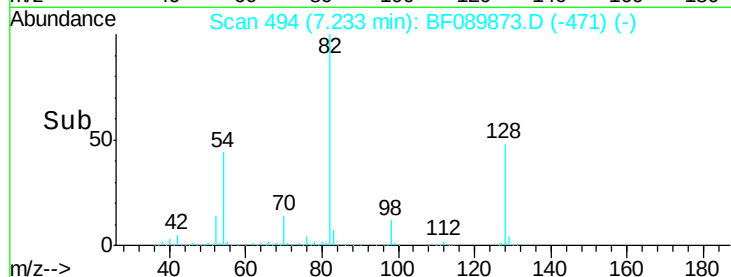
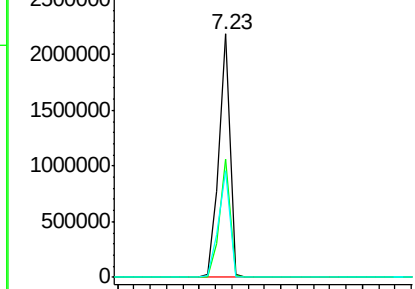
#23
Nitrobenzene-d5
Concen: 79.68 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.03 min
Lab File: BF089873.D
Acq: 24 Aug 2016 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 2079480
Ion Ratio Lower Upper
82 100
128 48.5 34.4 51.6
54 43.7 40.3 60.5

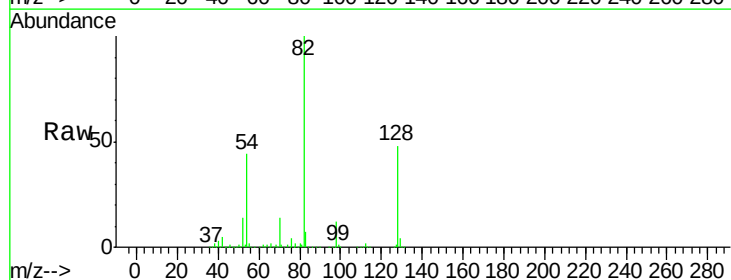


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

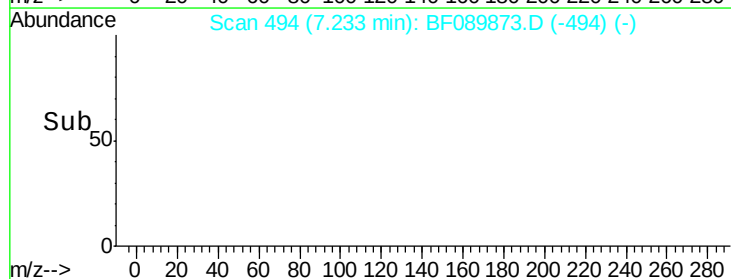
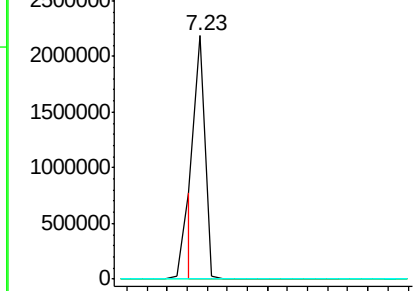


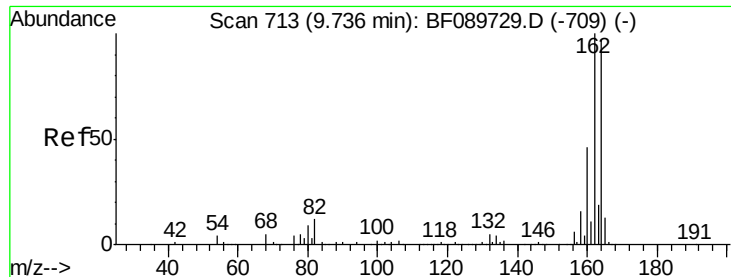
#25
Isophorone
Concen: 29.11 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.30 min
Lab File: BF089873.D
Acq: 24 Aug 2016 14:42

Tgt Ion: 82 Resp: 1519963
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.0 19.4#



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

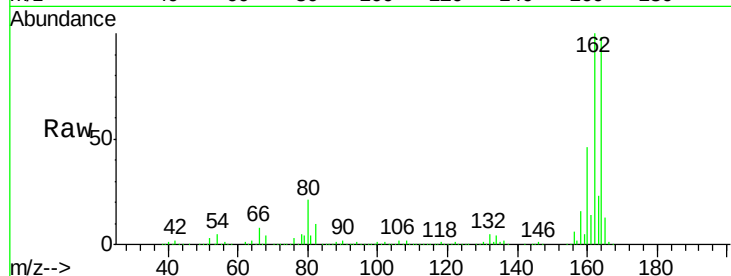




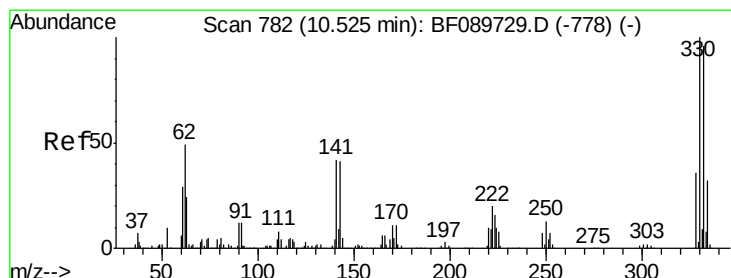
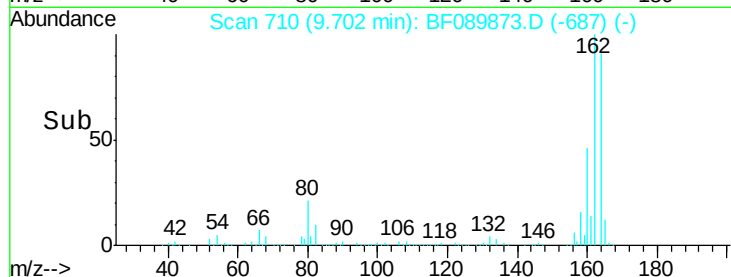
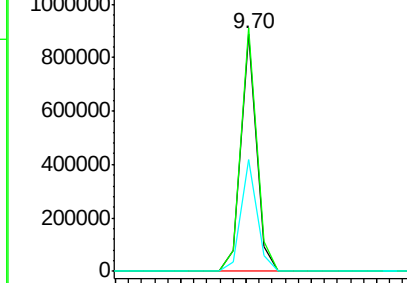
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.03 min
 Lab File: BF089873.D
 Acq: 24 Aug 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 727982
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.4 122.2
 160 47.1 37.8 56.6

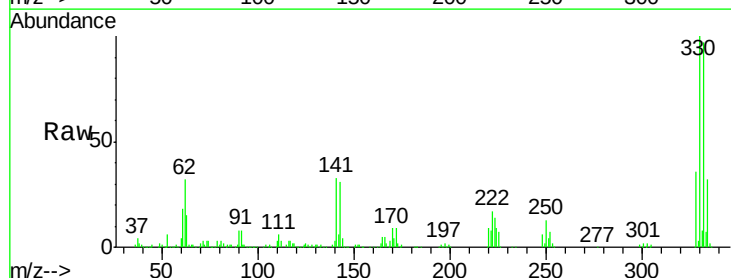


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

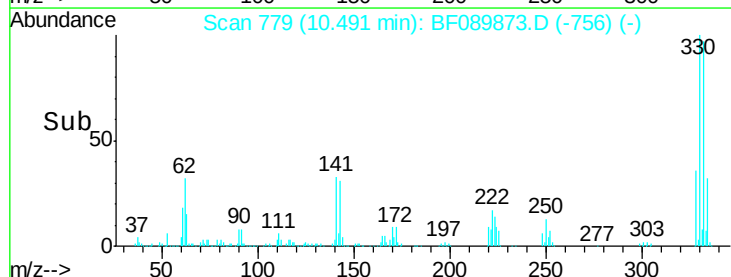
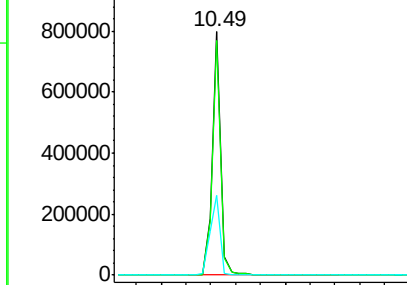


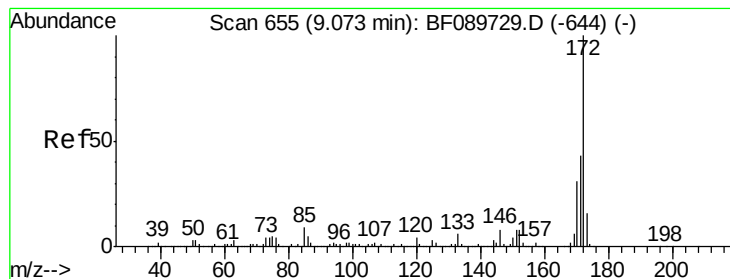
#41
 2,4,6-Tribromophenol
 Concen: 105.66 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF089873.D
 Acq: 24 Aug 2016 14:42

Tgt Ion:330 Resp: 744129
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.7 115.1
 141 39.2 30.2 45.2



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

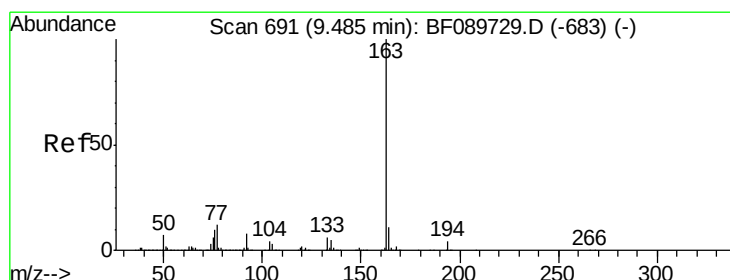
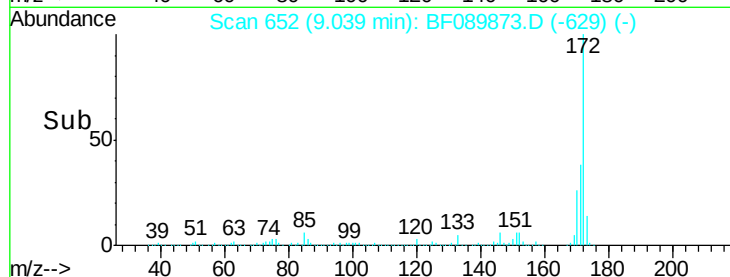
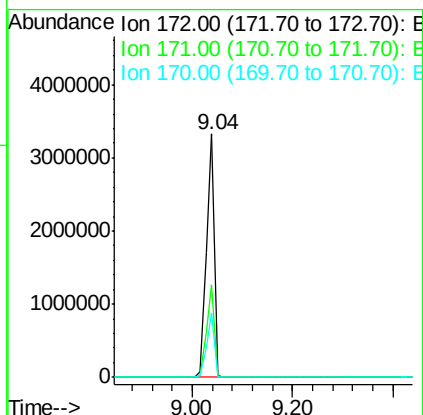
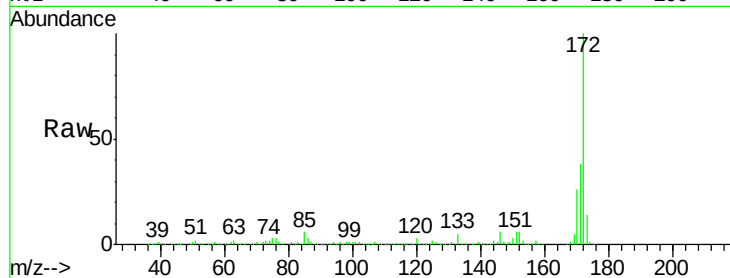




#44
2-Fluorobiphenyl
Concen: 78.19 ng
RT: 9.04 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF089873.D
Acq: 24 Aug 2016 14:42

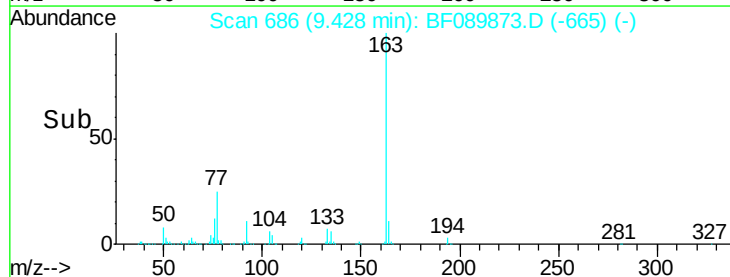
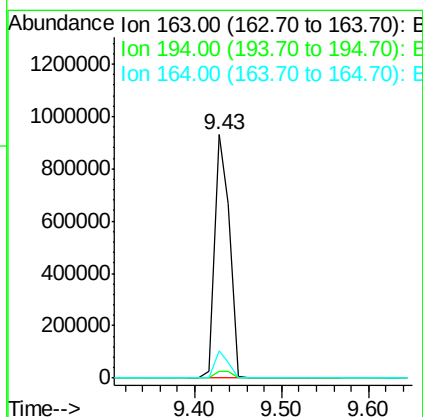
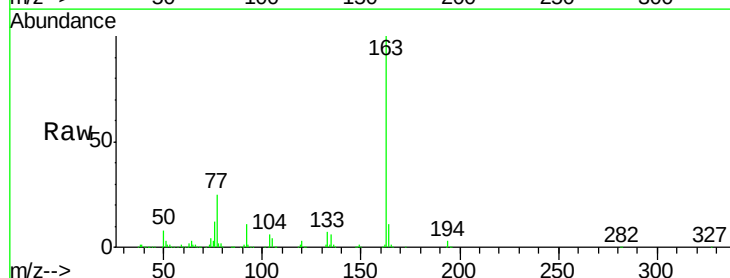
Instrument :
BNA_F
ClientSampleId :

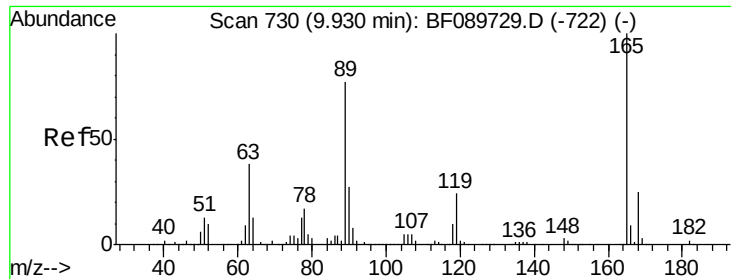
Tot Ion:172 Resp: 3547113
Ion Ratio Lower Upper
172 100
171 38.1 30.5 45.7
170 26.2 20.6 31.0



#49
Dimethylphthalate
Concen: 21.36 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.06 min
Lab File: BF089873.D
Acq: 24 Aug 2016 14:42

Tgt Ion:163 Resp: 1125056
Ion Ratio Lower Upper
163 100
194 2.9 2.6 3.8
164 11.0 8.6 12.8





#56

2,4-Dinitrotoluene

Concen: 6.15 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.23 min

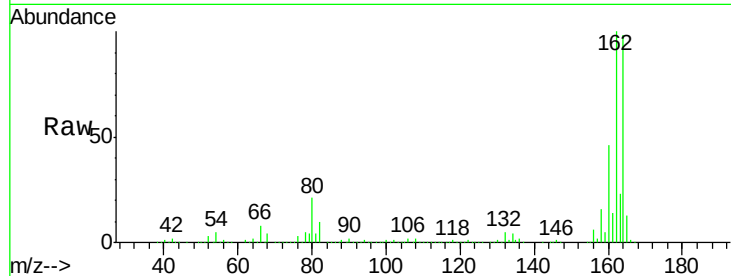
Lab File: BF089873.D

Acq: 24 Aug 2016 14:42

Instrument :

BNA_F

ClientSampleId :



Tot Ion:165 Resp: 94184

Ion Ratio Lower Upper

165 100

63 0.9 23.7 35.5#

89 1.1 44.0 66.0#

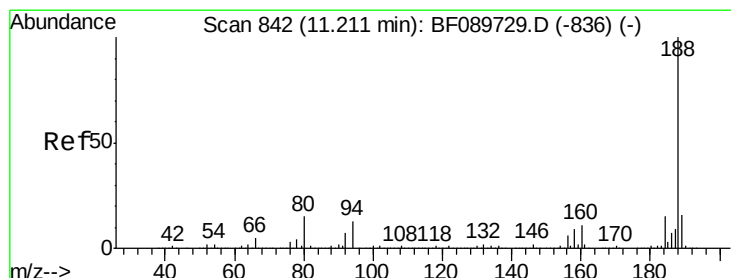
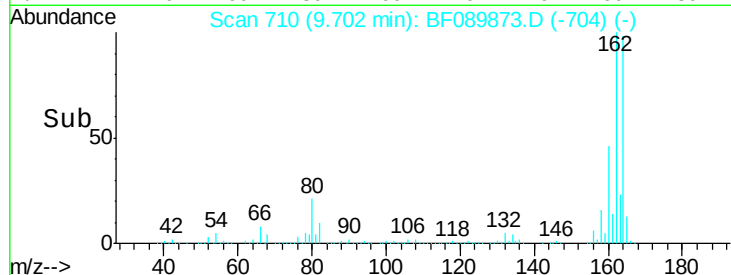
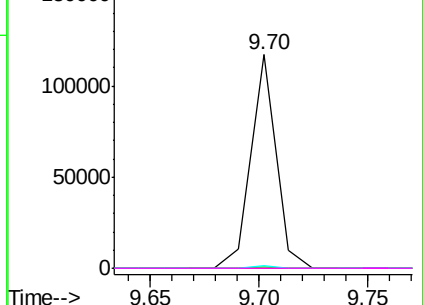
182 0.0 2.0 3.0#

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: 11.18 min Scan# 839

Delta R.T. -0.03 min

Lab File: BF089873.D

Acq: 24 Aug 2016 14:42

Tgt Ion:188 Resp: 1312910

Ion Ratio Lower Upper

188 100

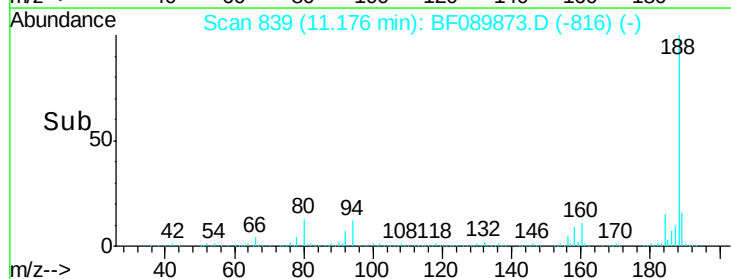
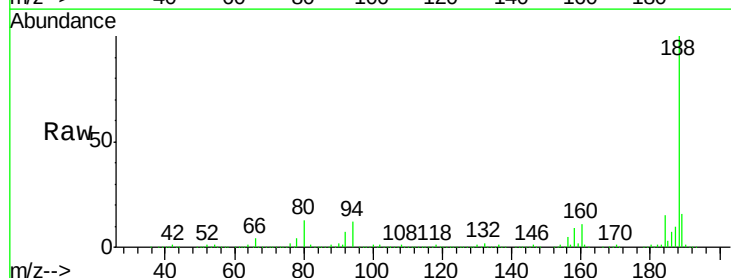
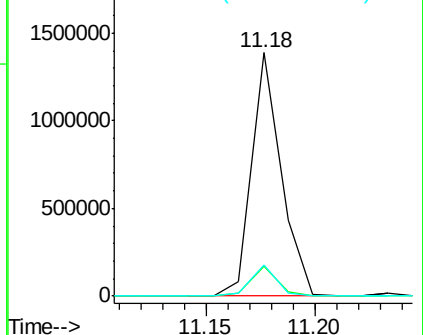
94 12.0 10.2 15.2

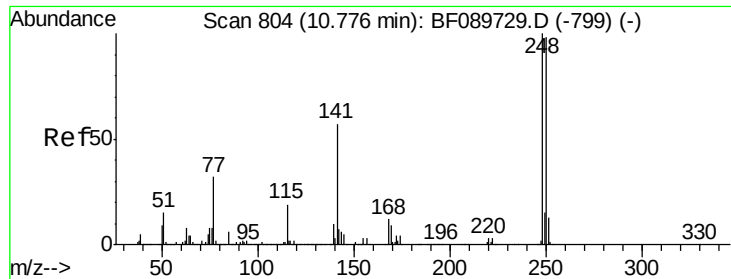
80 12.7 10.9 16.3

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

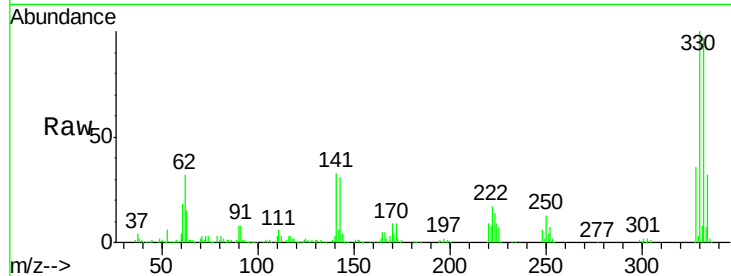




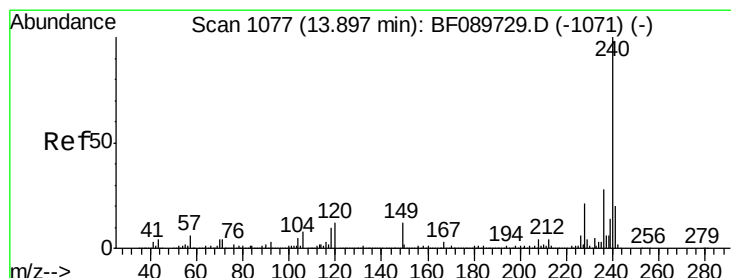
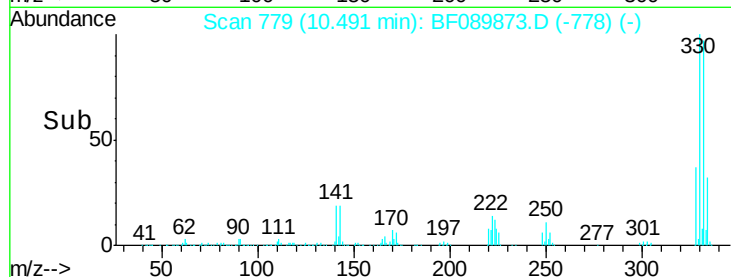
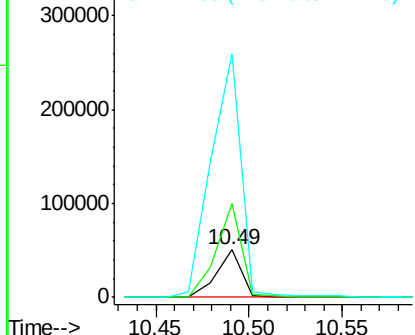
#66
4-Bromophenyl-phenylether
Concen: 3.46 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.29 min
Lab File: BF089873.D
Acq: 24 Aug 2016 14:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 47082
Ion Ratio Lower Upper
248 100
250 199.4 78.6 117.8#
141 515.8 31.4 47.2#

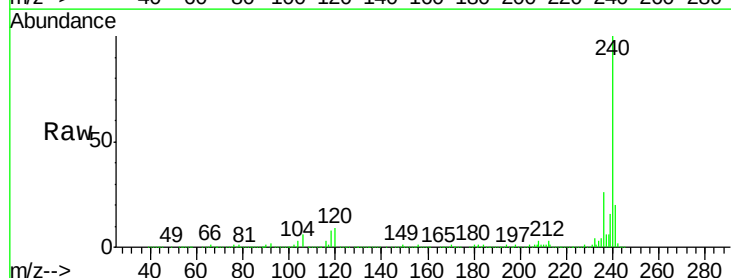


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

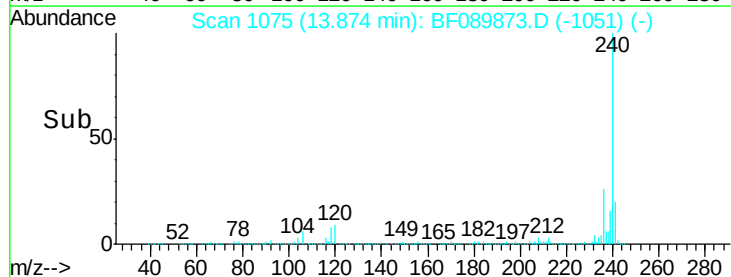
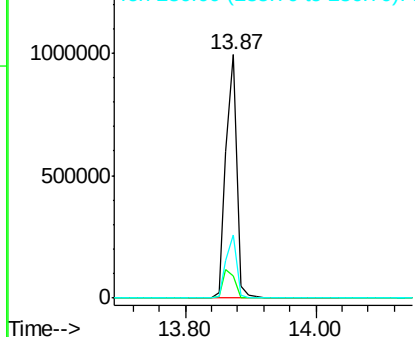


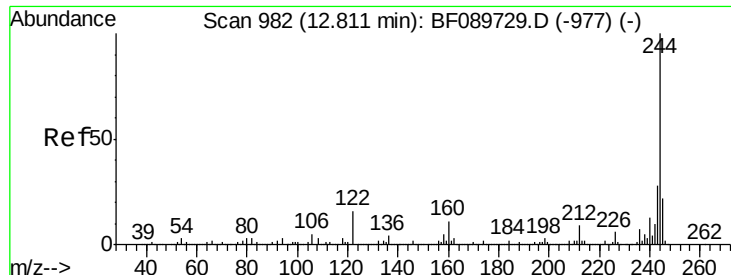
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BF089873.D
Acq: 24 Aug 2016 14:42

Tgt Ion:240 Resp: 1164637
Ion Ratio Lower Upper
240 100
120 9.2 8.3 12.5
236 26.1 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: 75.22 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.03 min

Lab File: BF089873.D

Acq: 24 Aug 2016 14:42

Instrument :

BNA_F

ClientSampleId :

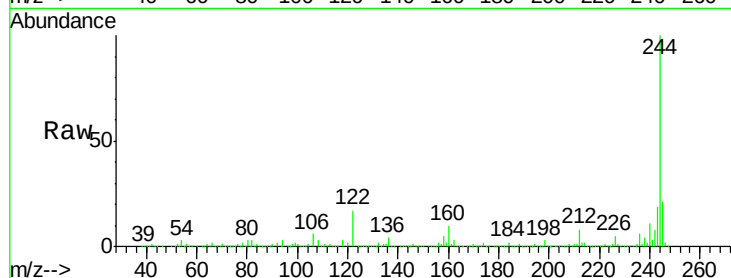
Tot Ion:244 Resp: 2932224

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

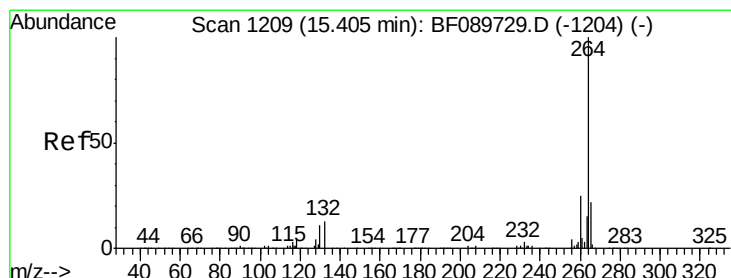
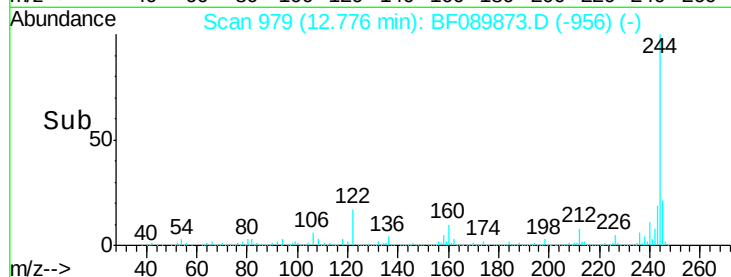
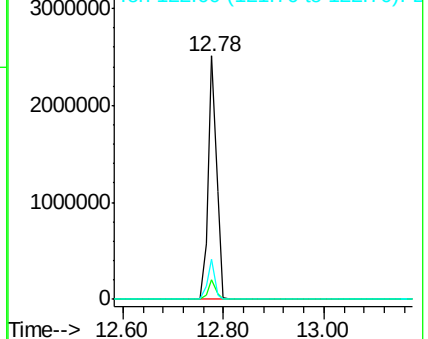
122 16.5 12.0 18.0



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: 15.39 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF089873.D

Acq: 24 Aug 2016 14:42

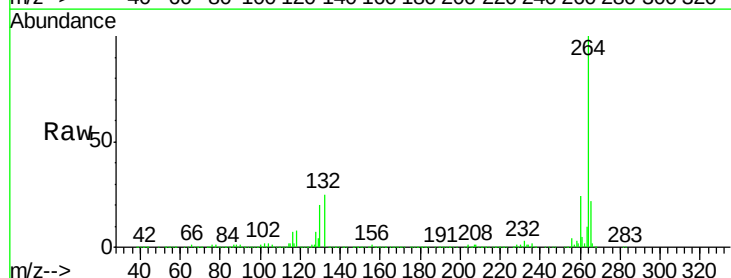
Tgt Ion:264 Resp: 883392

Ion Ratio Lower Upper

264 100

260 24.3 20.2 30.2

265 22.2 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

