

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088673.D
 Acq On : 4 Jul 2016 3:41
 Operator : UM/SJ
 Sample : H3848-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 05:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

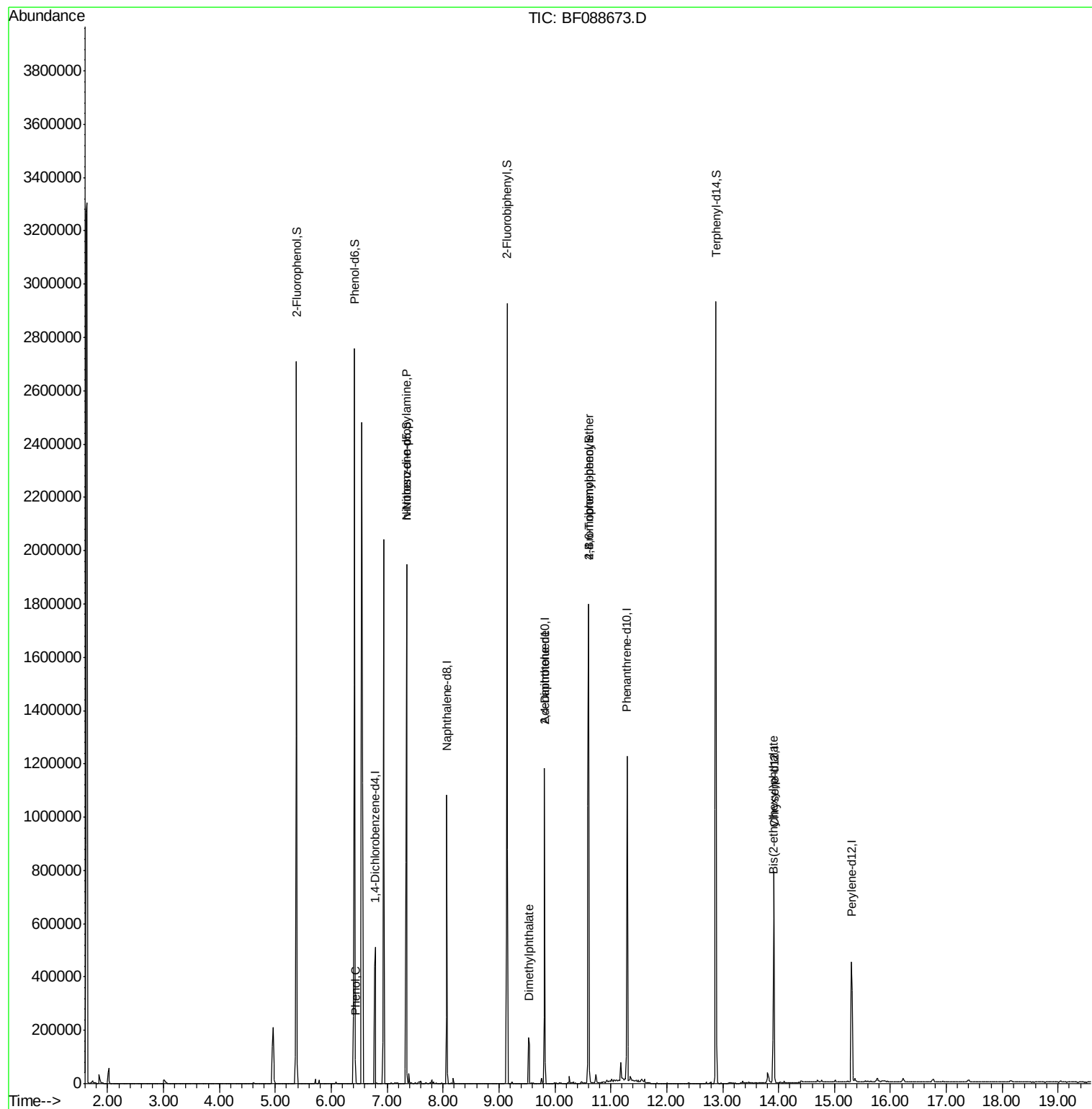
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110021	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	454051	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	217797	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	376830	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	290896	20.00	ng	-0.03
86) Perylene-d12	15.30	264	229478	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	810178	110.36	ng	-0.02
7) Phenol-d6	6.42	99	1126844	118.80	ng	-0.02
23) Nitrobenzene-d5	7.35	82	698526	80.62	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	242136	119.72	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	999585	72.50	ng	-0.03
78) Terphenyl-d14	12.88	244	879571	67.35	ng	-0.03
Target Compounds						
10) Phenol	6.43	94	22202	2.05	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.35	70	95852	15.04	ng	# 72
49) Dimethylphthalate	9.54	163	101080	6.51	ng	98
56) 2,4-Dinitrotoluene	9.82	165	27852	6.19	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	16967	4.47	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.91	149	111281	8.86	ng	# 99

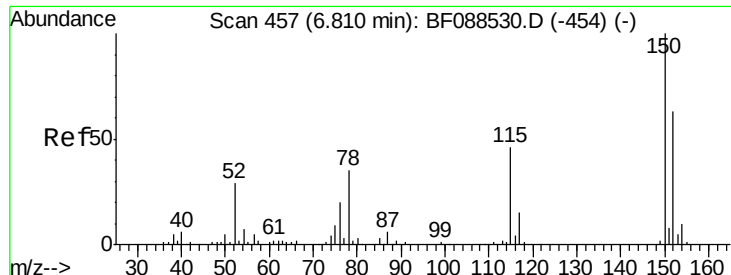
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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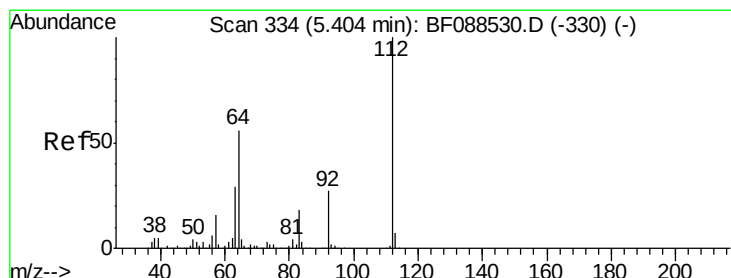
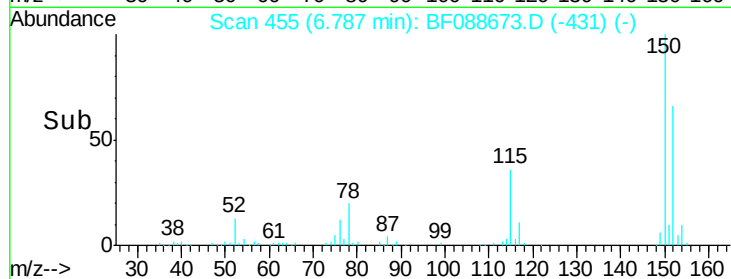
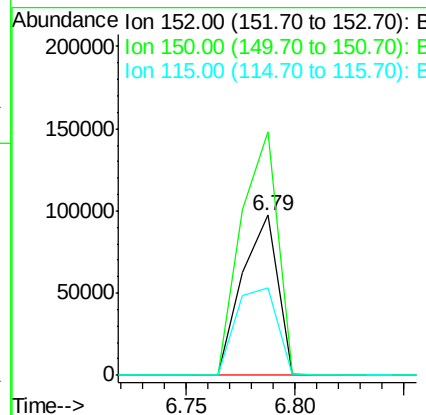
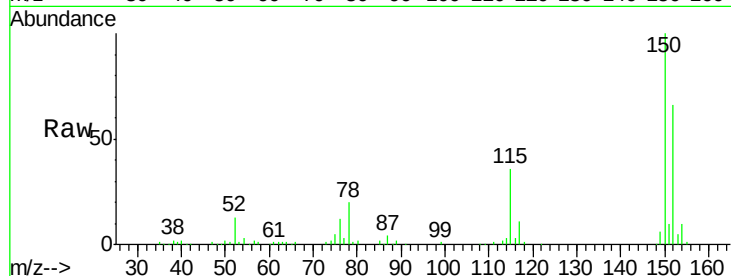


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088673.D
Acq: 4 Jul 2016 3:41

Instrument :
BNA_F
ClientSampleId :

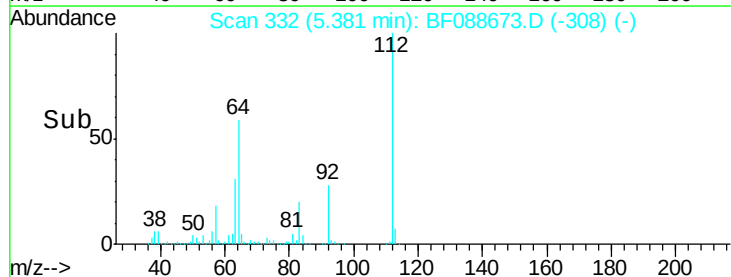
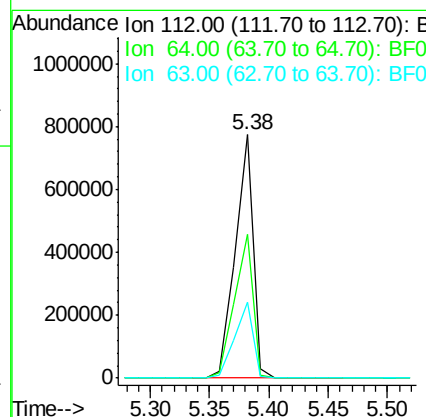
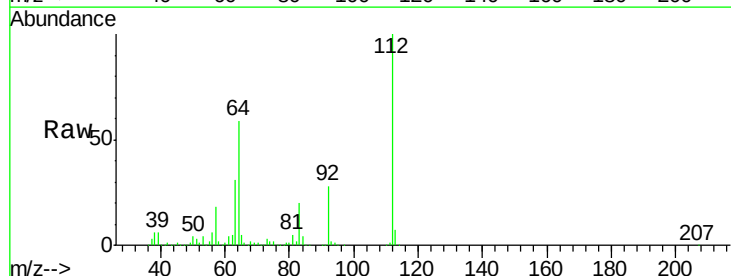
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	123.8	185.6
115	54.4	39.6	59.4

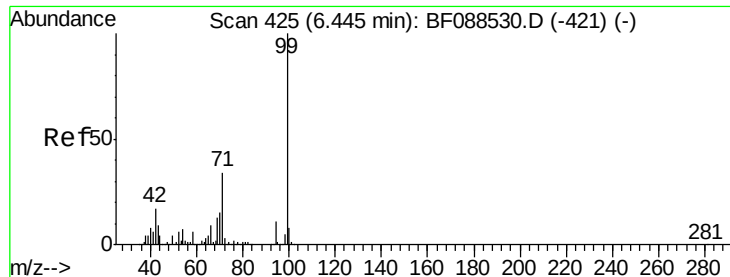


#5

2-Fluorophenol
Concen: 110.36 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088673.D
Acq: 4 Jul 2016 3:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	42.2	63.2
63	31.1	21.8	32.8





#7

Phenol-d6

Concen: 118.80 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088673.D

Acq: 4 Jul 2016 3:41

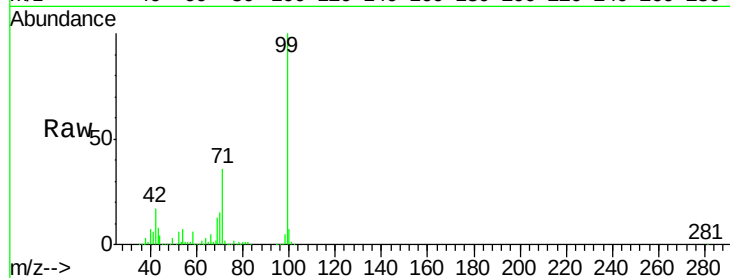
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1126844

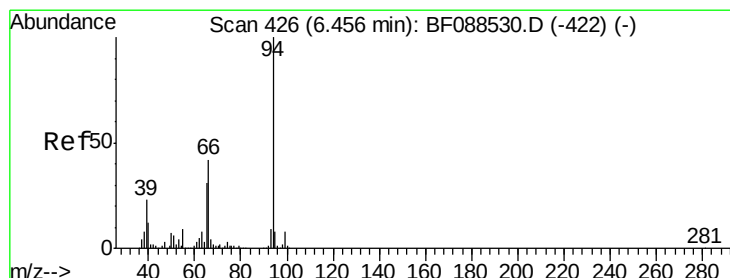
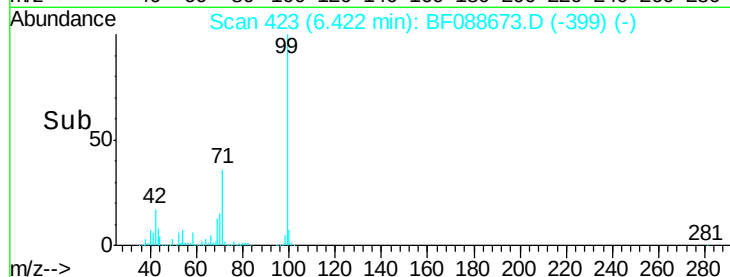
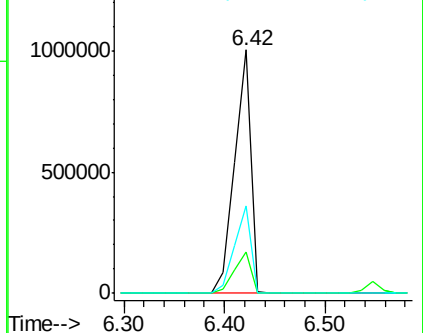
Ion	Ratio	Lower	Upper
99	100		
42	17.1	12.2	18.2
71	35.8	23.4	35.0#



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: 2.05 ng

RT: 6.43 min Scan# 424

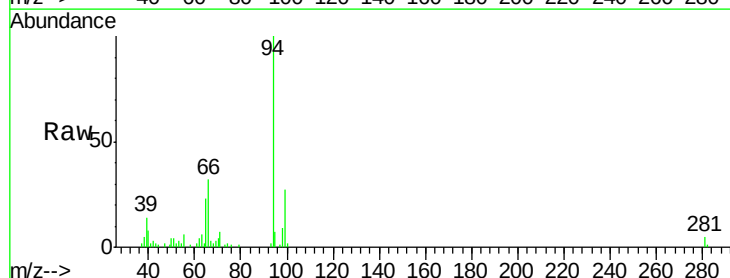
Delta R.T. -0.02 min

Lab File: BF088673.D

Acq: 4 Jul 2016 3:41

Tgt Ion: 94 Resp: 22202

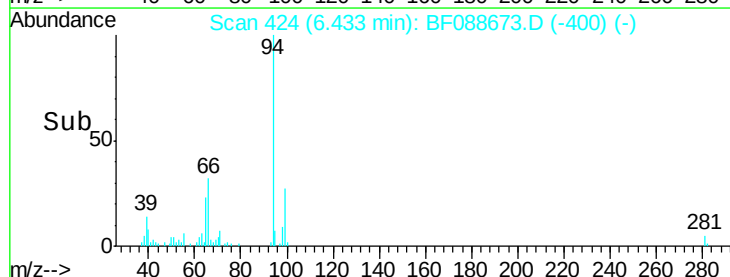
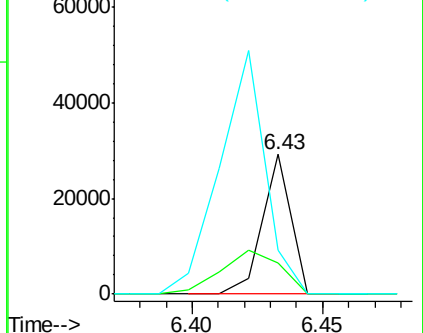
Ion	Ratio	Lower	Upper
94	100		
65	22.5	5.9	45.9
66	31.7	14.0	54.0

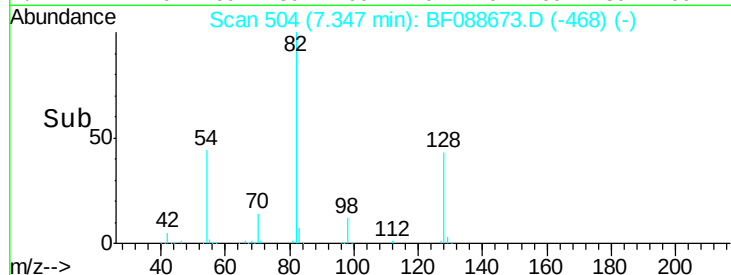
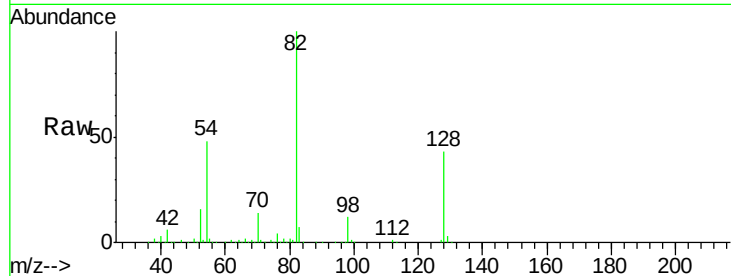
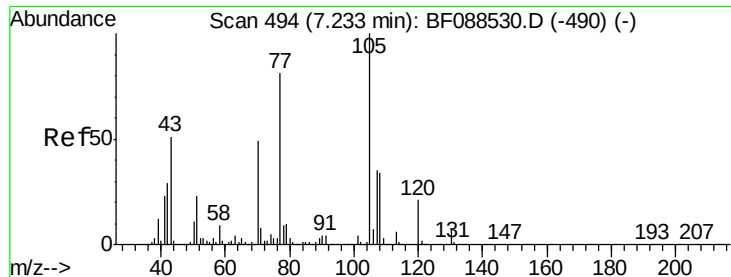


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

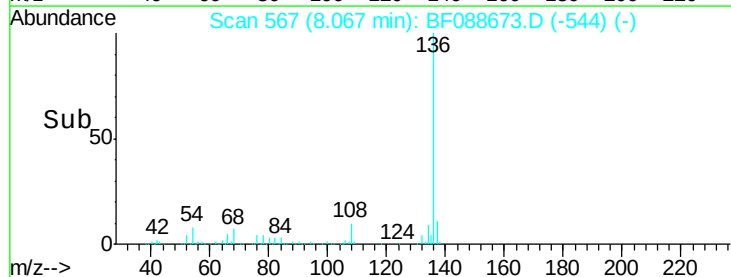
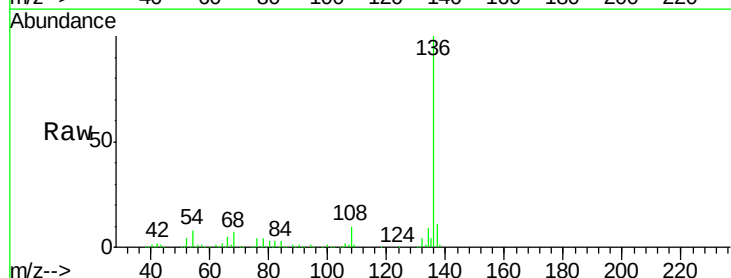
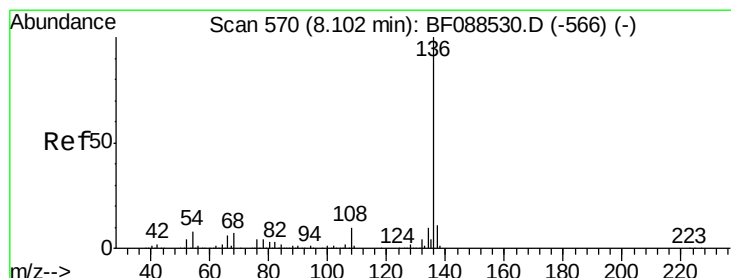
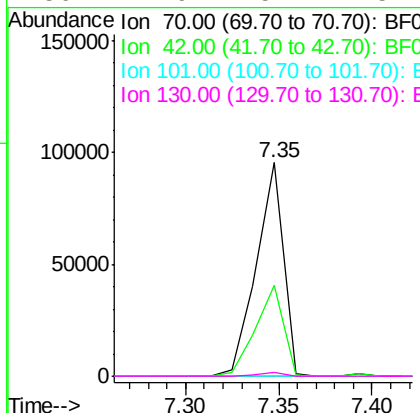




#19
n-Nitroso-di-n-propylamine
Concen: 15.04 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.11 min
Lab File: BF088673.D
Acq: 4 Jul 2016 3:41

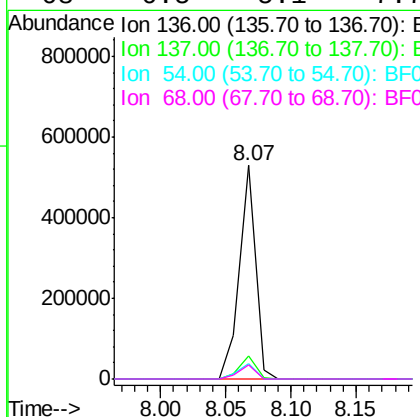
Instrument :
BNA_F
ClientSampleID :

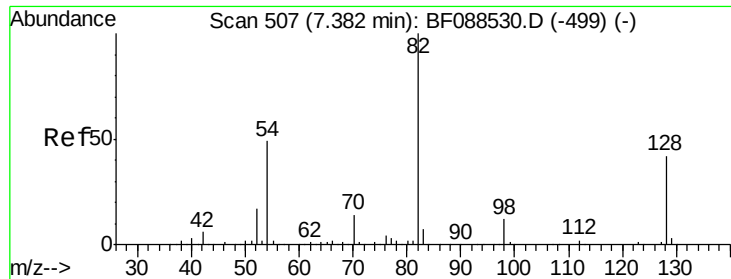
Tot Ion: 70 Resp: 95852
Ion Ratio Lower Upper
70 100
42 42.4 49.6 74.4#
101 0.0 7.1 10.7#
130 1.9 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.03 min
Lab File: BF088673.D
Acq: 4 Jul 2016 3:41

Tgt Ion:136 Resp: 454051
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.5 6.6 10.0
68 6.5 5.1 7.7

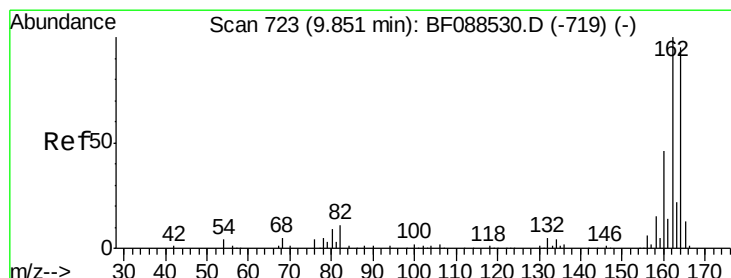
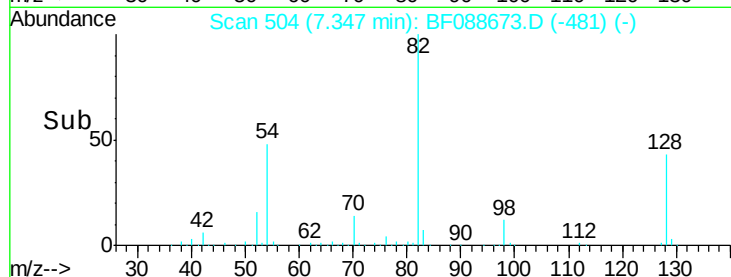
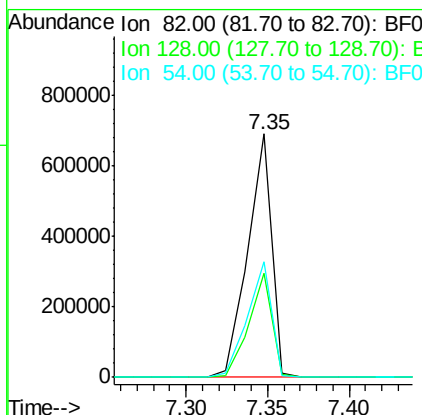
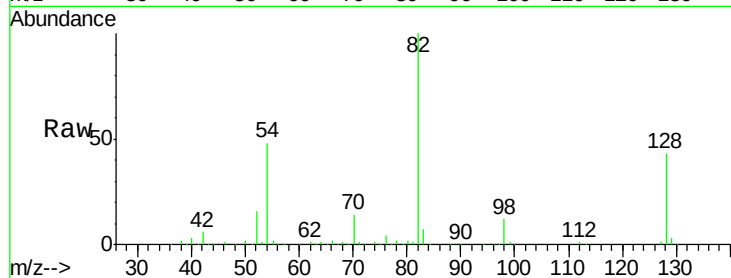




#23
 Nitrobenzene-d5
 Concen: 80.62 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088673.D
 Acq: 4 Jul 2016 3:41

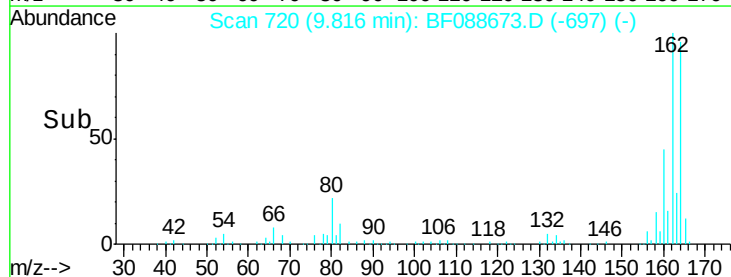
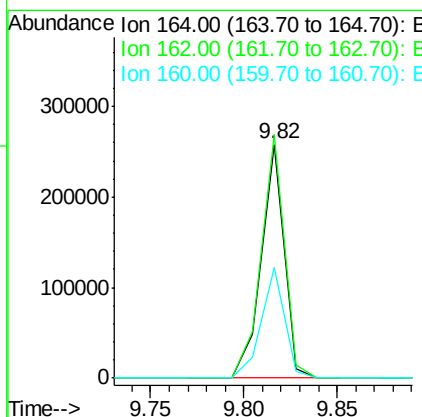
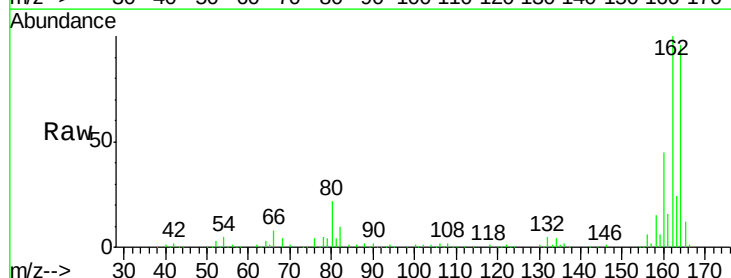
Instrument :
 BNA_F
 ClientSampled :

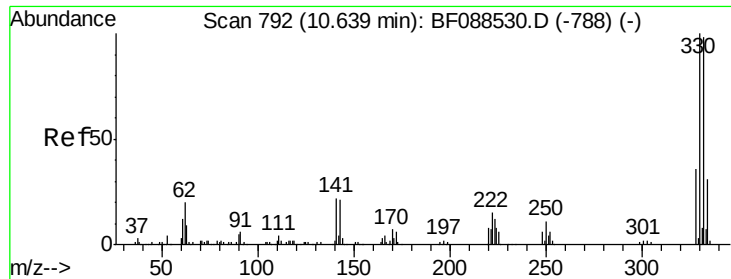
Tot Ion	82	Resp	698526
Ion Ratio	100	Lower	Upper
128	42.6	35.9	53.9
54	47.7	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088673.D
 Acq: 4 Jul 2016 3:41

Tgt Ion	164	Resp	217797
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.3	85.4	128.2
160	47.2	39.5	59.3

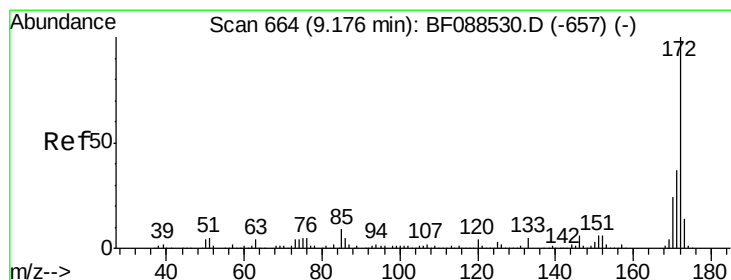
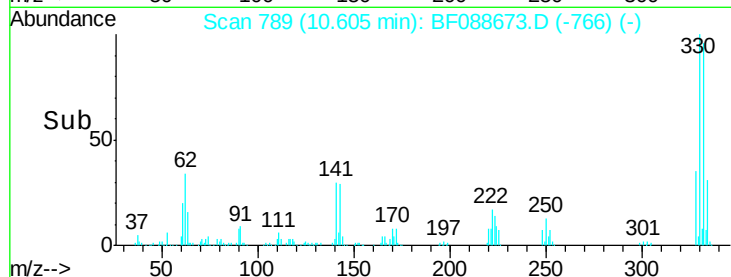
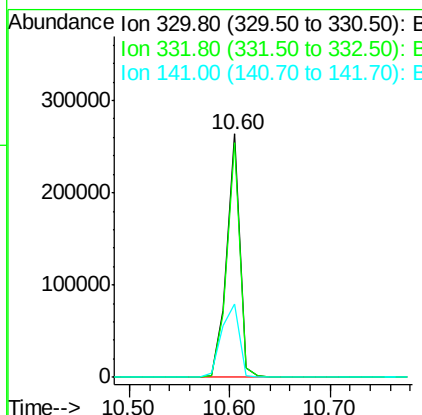
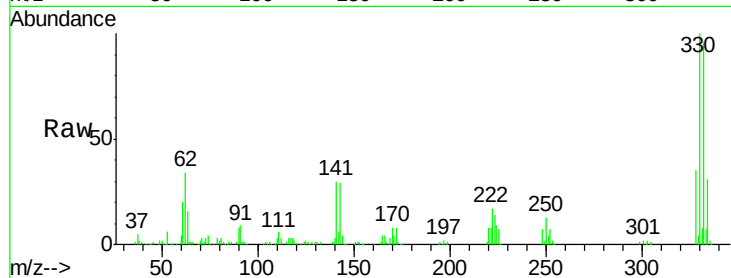




#41
 2,4,6-Tribromophenol
 Concen: 119.72 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088673.D
 Acq: 4 Jul 2016 3:41

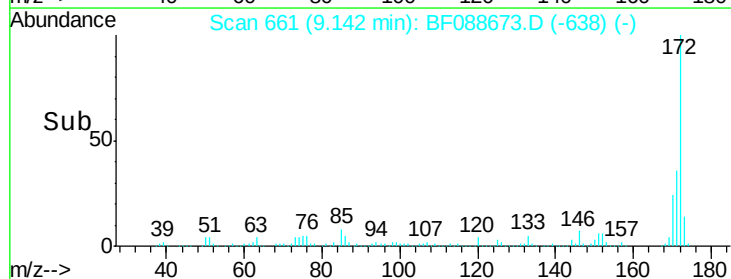
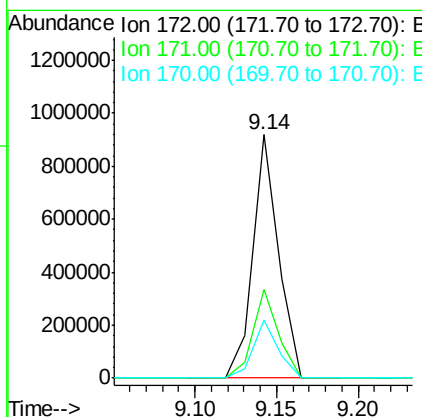
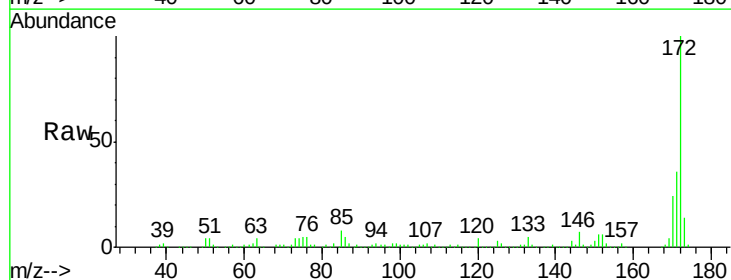
Instrument :
 BNA_F
 ClientSampleId :

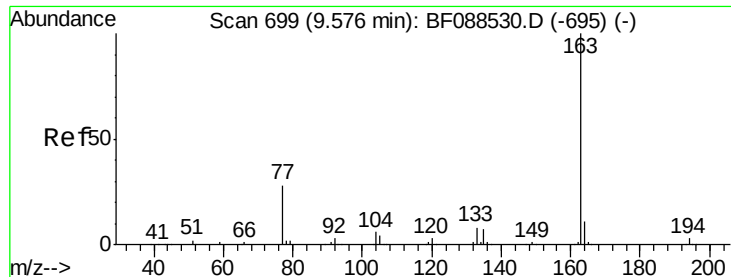
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	40.3	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 72.50 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088673.D
 Acq: 4 Jul 2016 3:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.0	19.2	28.8

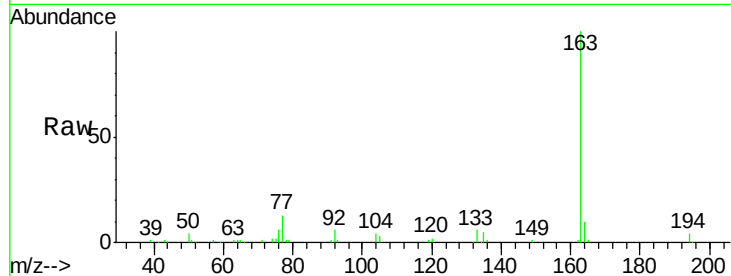




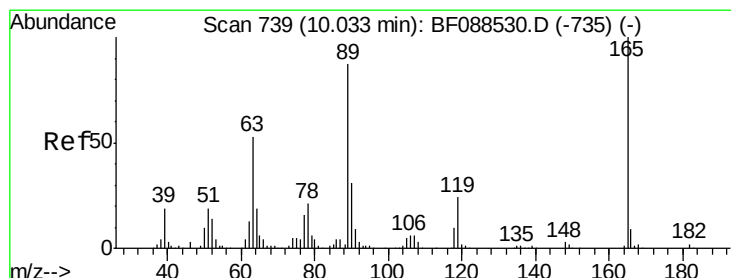
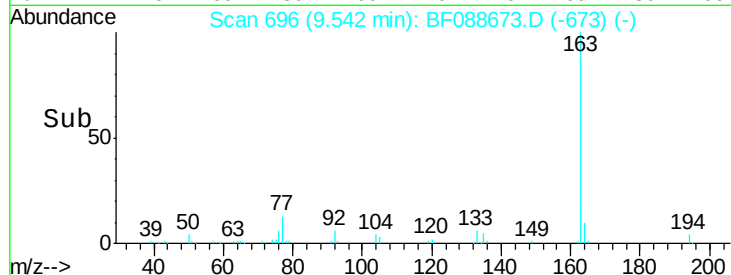
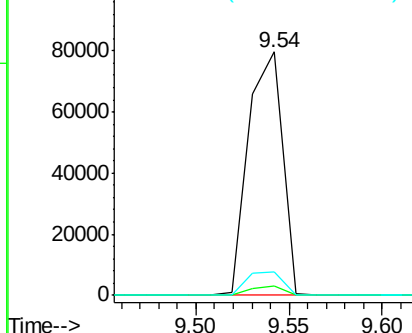
#49
Dimethylphthalate
Concen: 6.51 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088673.D
Acq: 4 Jul 2016 3:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 101080
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.8 8.3 12.5

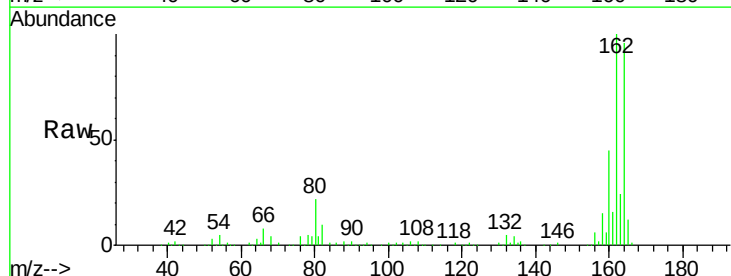


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

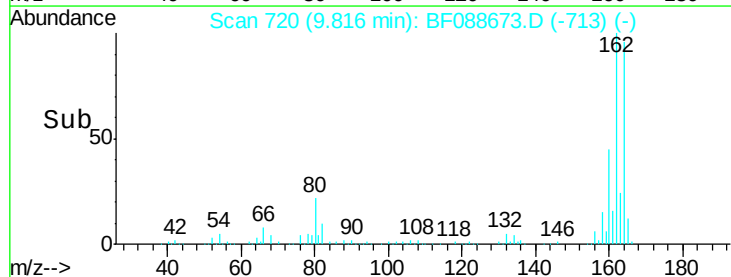
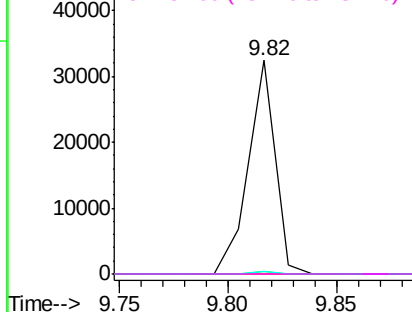


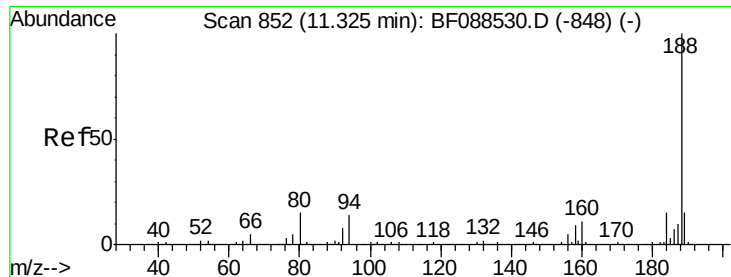
#56
2,4-Dinitrotoluene
Concen: 6.19 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.22 min
Lab File: BF088673.D
Acq: 4 Jul 2016 3:41

Tgt Ion:165 Resp: 27852
Ion Ratio Lower Upper
165 100
63 1.3 22.0 33.0#
89 1.5 41.1 61.7#
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

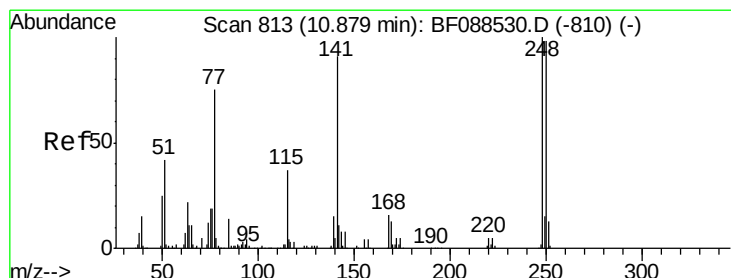
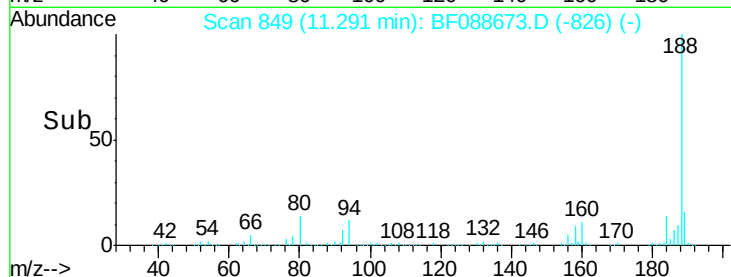
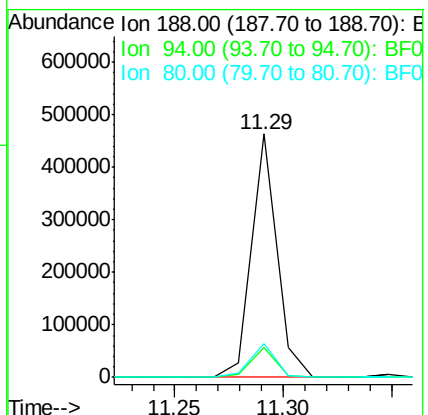
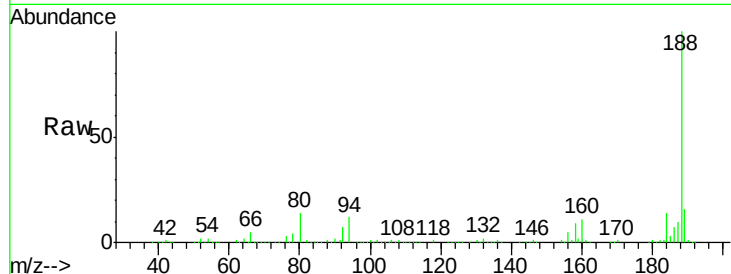




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.03 min
Lab File: BF088673.D
Acq: 4 Jul 2016 3:41

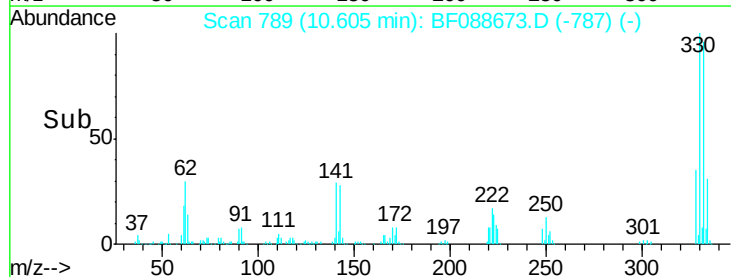
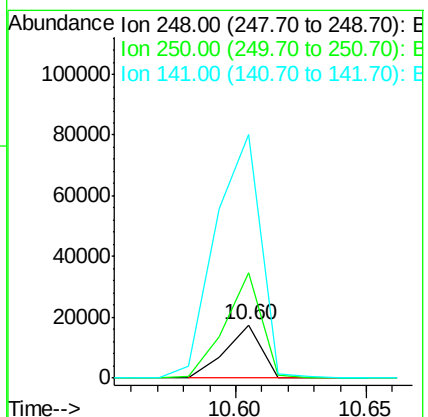
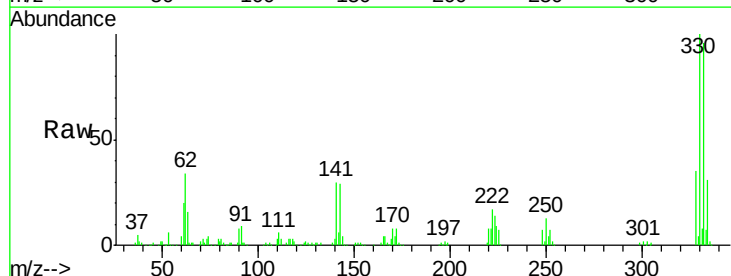
Instrument :
BNA_F
ClientSampleId :

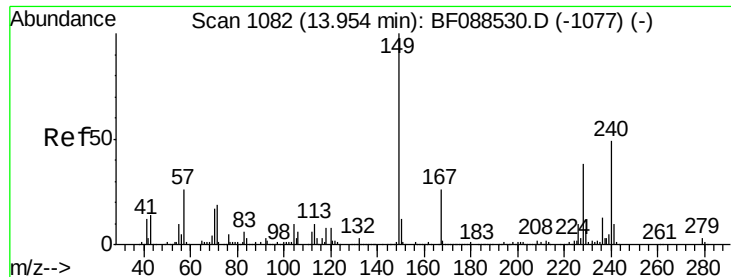
Tot Ion:188 Resp: 376830
Ion Ratio Lower Upper
188 100
94 12.0 9.0 13.6
80 13.6 10.0 15.0



#66
4-Bromophenyl-phenylether
Concen: 4.47 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088673.D
Acq: 4 Jul 2016 3:41

Tgt Ion:248 Resp: 16967
Ion Ratio Lower Upper
248 100
250 197.8 77.1 115.7#
141 459.4 50.6 76.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088673.D

Acq: 4 Jul 2016 3:41

Instrument :

BNA_F

ClientSampleId :

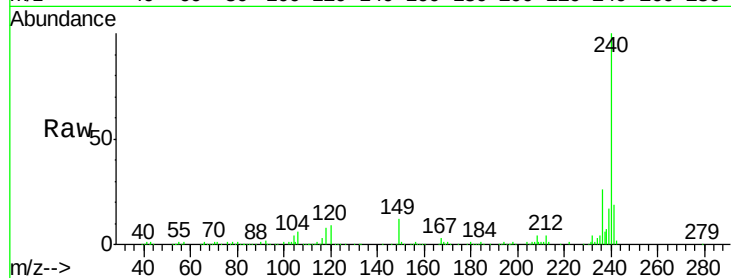
Tot Ion:240 Resp: 290896

Ion Ratio Lower Upper

240 100

120 8.9 6.8 10.2

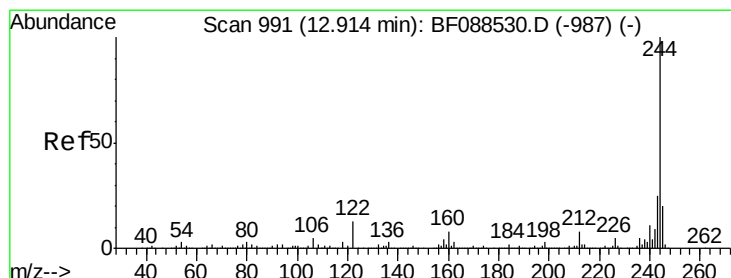
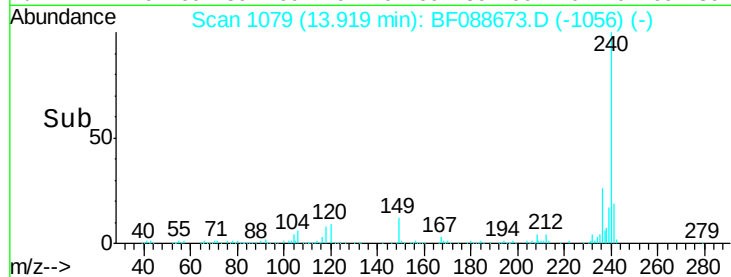
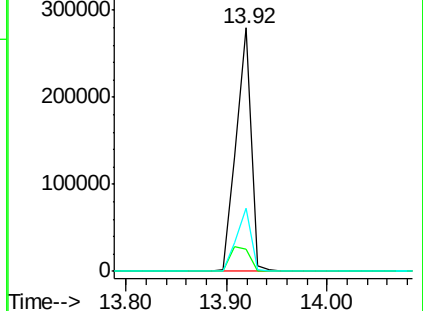
236 25.9 20.2 30.2



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: 67.35 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088673.D

Acq: 4 Jul 2016 3:41

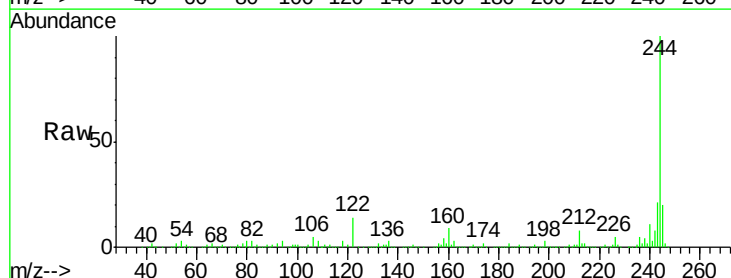
Tgt Ion:244 Resp: 879571

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

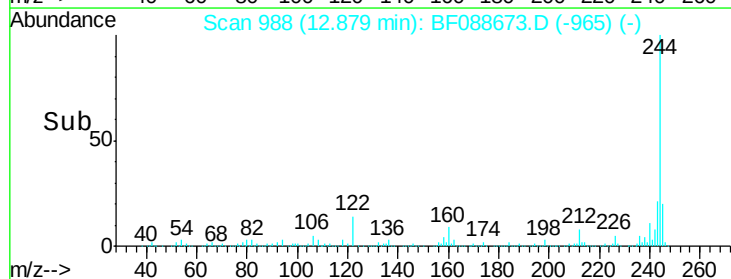
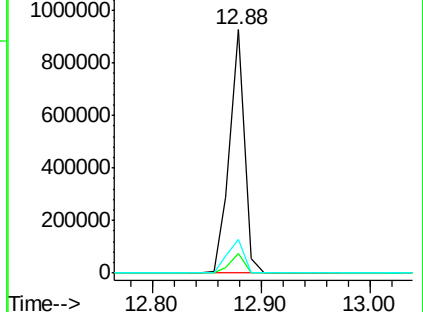
122 13.8 11.2 16.8

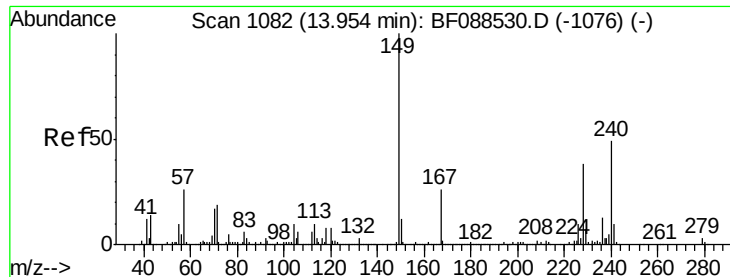


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 8.86 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.05 min

Lab File: BF088673.D

Acq: 4 Jul 2016 3:41

Instrument :

BNA_F

ClientSampled :

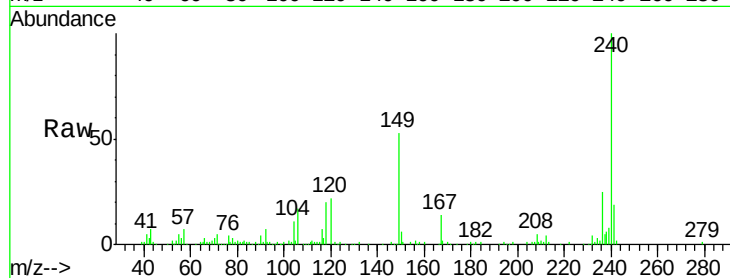
Tot Ion:149 Resp: 111281

Ion Ratio Lower Upper

149 100

167 26.2 20.5 30.7

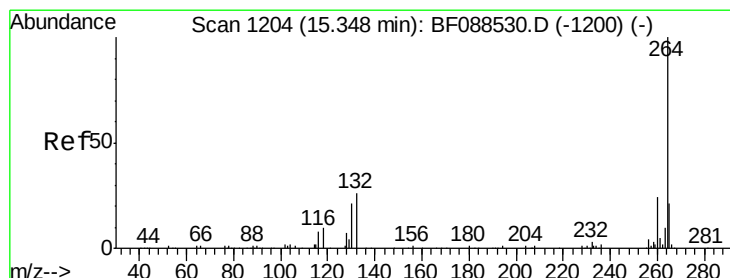
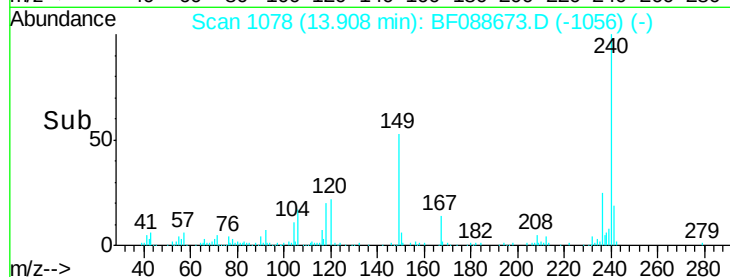
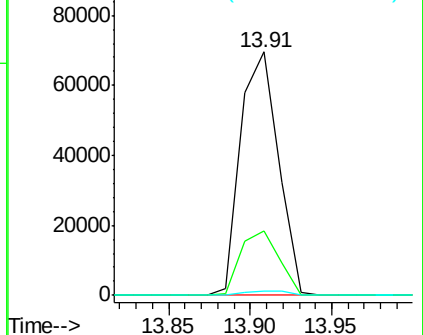
279 1.8 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.30 min Scan# 1200

Delta R.T. -0.05 min

Lab File: BF088673.D

Acq: 4 Jul 2016 3:41

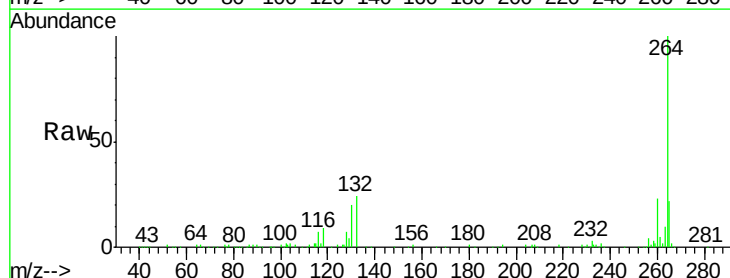
Tgt Ion:264 Resp: 229478

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.5 16.9 25.3



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

