

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085871.D
 Acq On : 30 Mar 2016 1:41
 Operator : UM/SJ
 Sample : H2023-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Quant Time: Mar 30 01:17:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

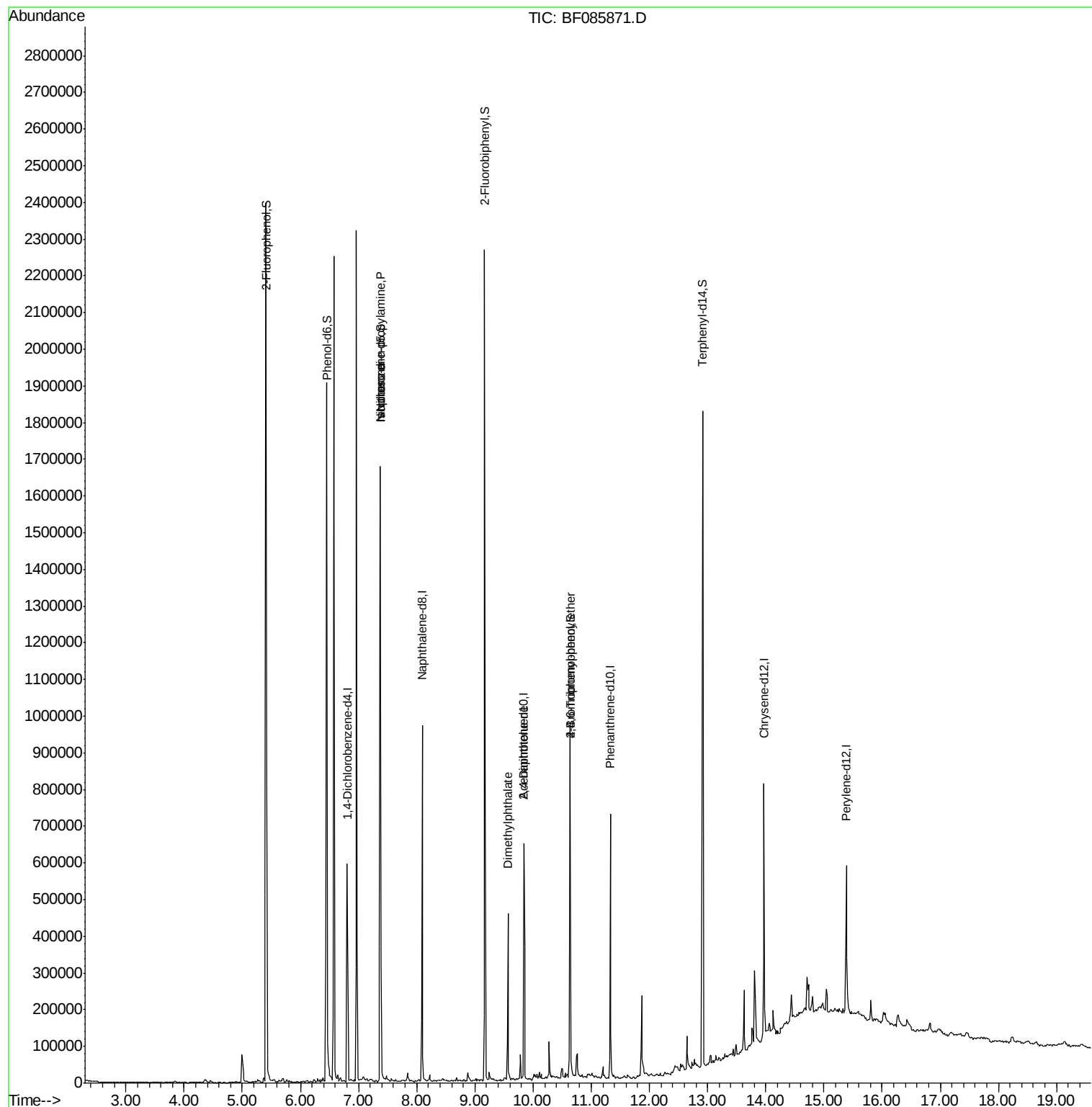
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	106171	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	417930	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	146412	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	244177	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	238929	20.00	ng	-0.01
86) Perylene-d12	15.39	264	176518	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	824933	129.40	ng	0.00
7) Phenol-d6	6.46	99	1141249	140.80	ng	0.00
23) Nitrobenzene-d5	7.37	82	585749	78.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	167000	120.05	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	751283	85.73	ng	-0.02
78) Terphenyl-d14	12.92	244	562038	48.38	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	80120	16.51	ng	# 77
25) Isophorone	7.37	82	491820	34.40	ng	# 68
37) 2-Methylnaphthalene	8.81	142	994	Below Cal		94
49) Dimethylphthalate	9.57	163	177887	16.01	ng	99
56) 2,4-Dinitrotoluene	9.84	165	19032	6.26	ng	# 36
66) 4-Bromophenyl-phenylether	10.64	248	10358	4.15	ng	# 1

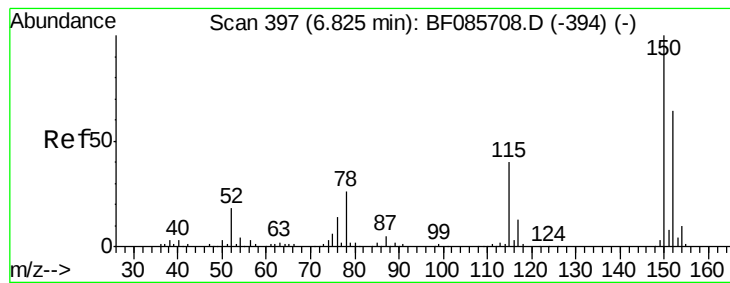
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF085871.D

Acq: 30 Mar 2016 1:41

Instrument :

BNA_F

ClientSampleId :

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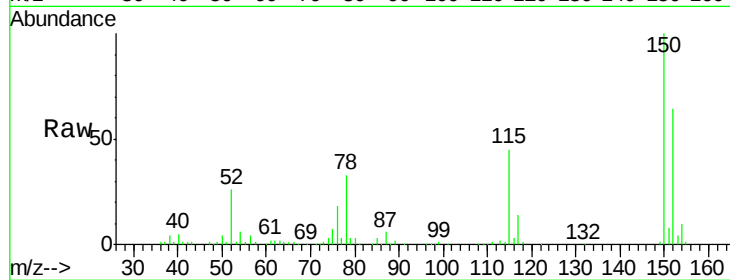
Tgt Ion:152 Resp: 106171

Ion Ratio Lower Upper

152 100

150 157.2 124.2 186.2

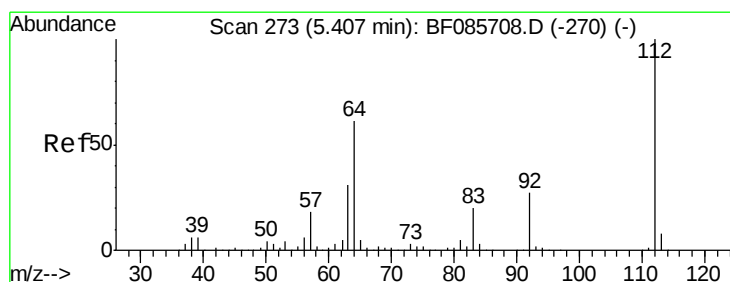
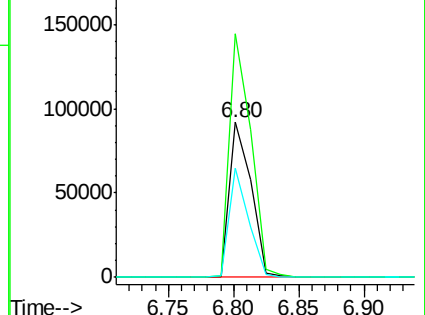
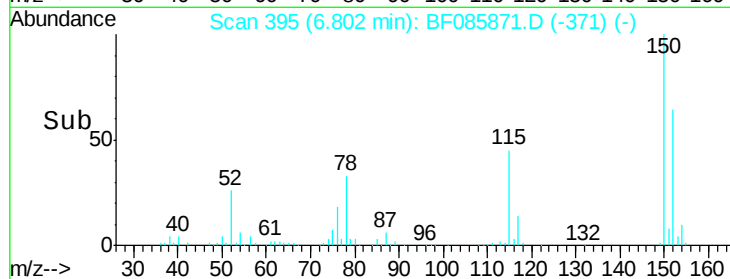
115 70.3 47.0 70.6



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: 129.40 ng

RT: 5.41 min Scan# 273

Delta R.T. 0.00 min

Lab File: BF085871.D

Acq: 30 Mar 2016 1:41

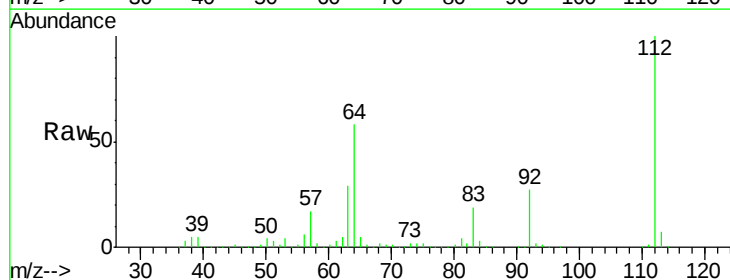
Tgt Ion:112 Resp: 824933

Ion Ratio Lower Upper

112 100

64 57.5 39.9 59.9

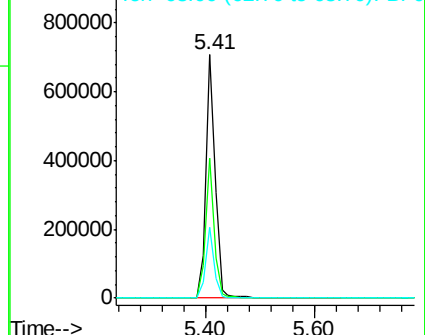
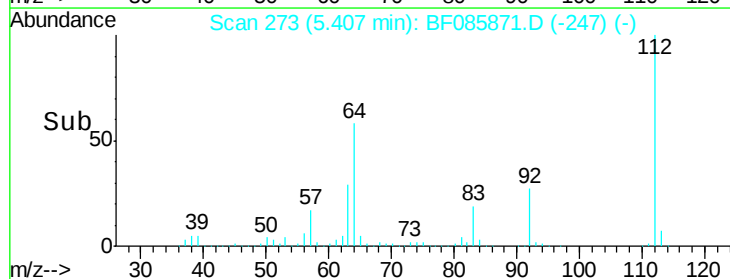
63 29.3 20.2 30.2



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: 140.80 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085871.D

Acq: 30 Mar 2016 1:41

Instrument :

BNA_F

ClientSampleId :

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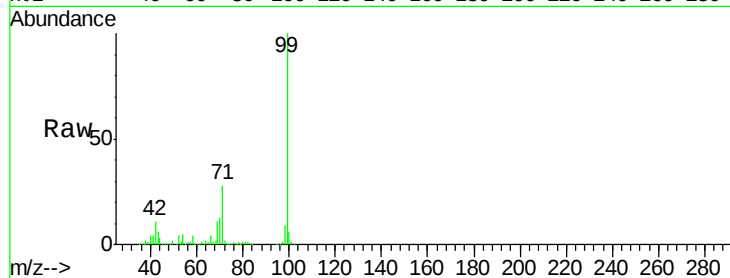
Tgt Ion: 99 Resp: 1141249

Ion Ratio Lower Upper

99 100

42 11.3 11.1 16.7

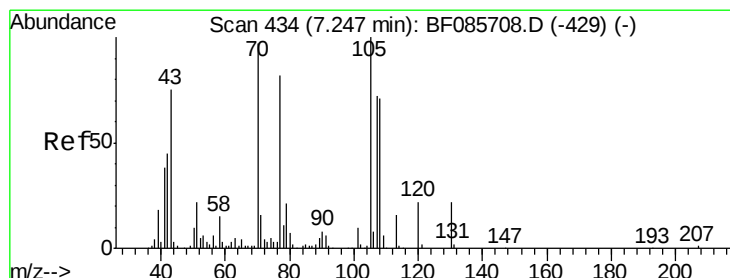
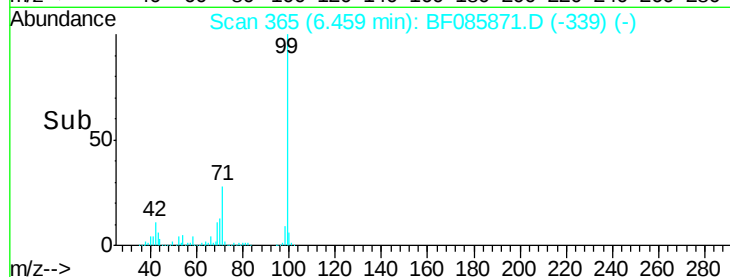
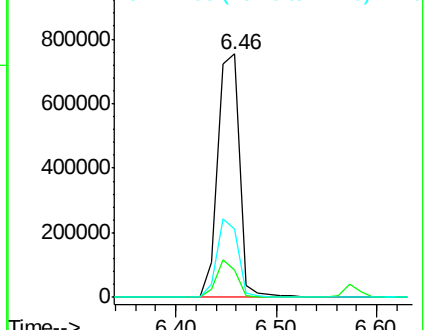
71 27.9 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.51 ng

RT: 7.37 min Scan# 445

Delta R.T. 0.13 min

Lab File: BF085871.D

Acq: 30 Mar 2016 1:41

Tgt Ion: 70 Resp: 80120

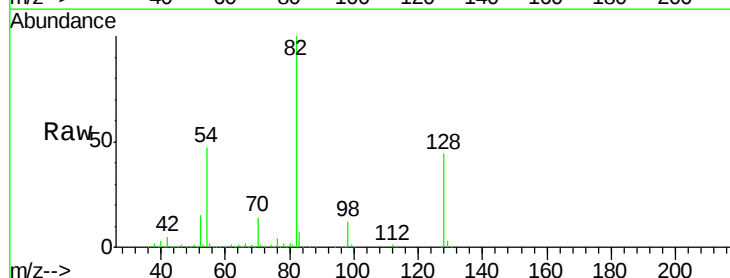
Ion Ratio Lower Upper

70 100

42 40.1 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#

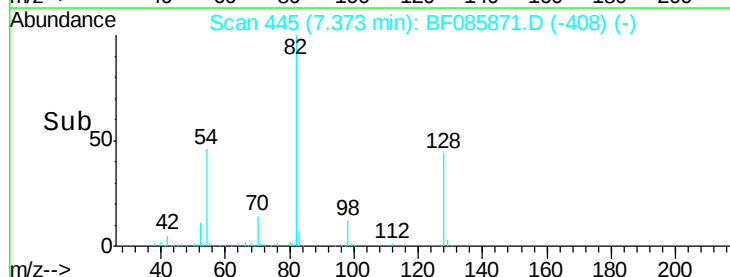
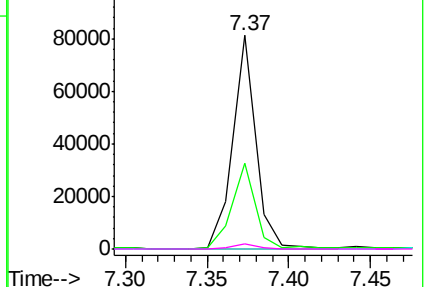


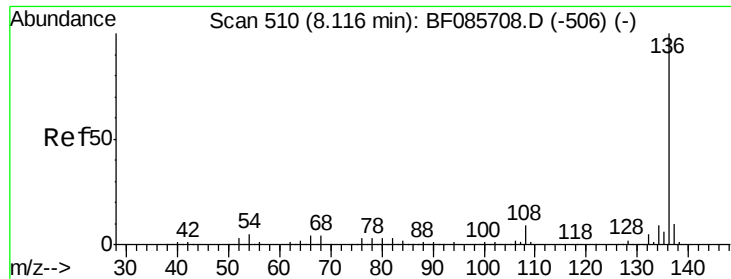
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

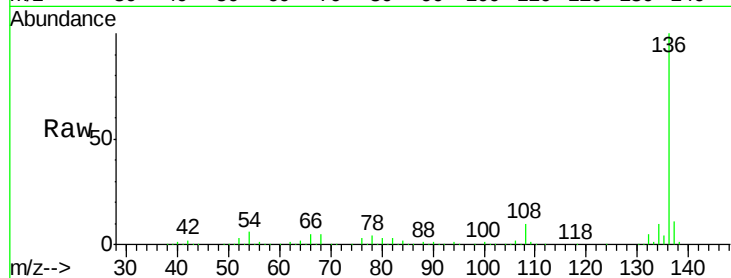




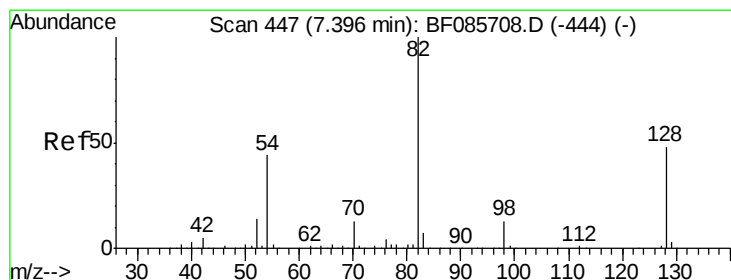
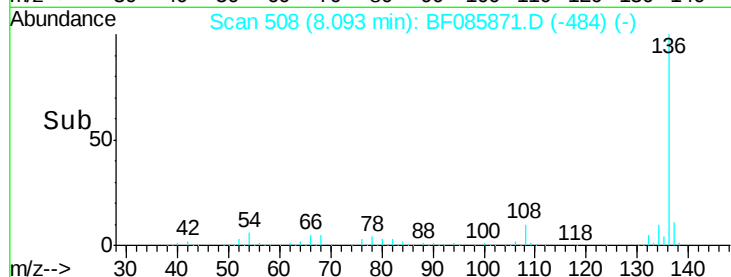
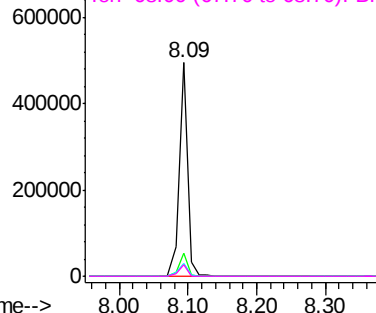
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF085871.D
Acq: 30 Mar 2016 1:41

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 136 Resp: 417930
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.2 7.4 11.0#
68 5.3 5.8 8.8#

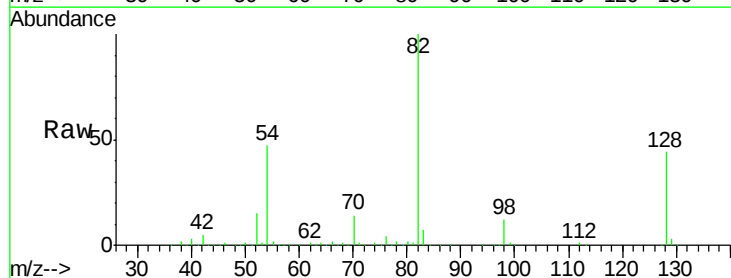


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

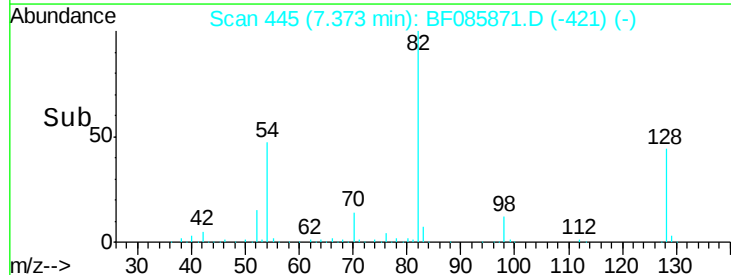
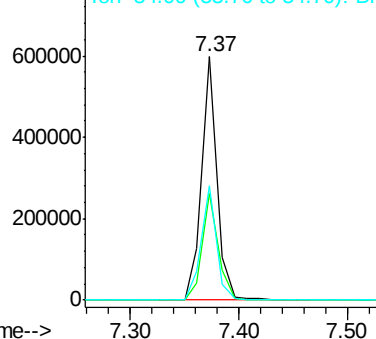


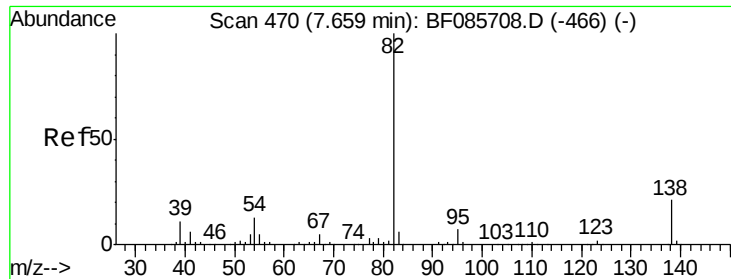
#23
Nitrobenzene-d5
Concen: 78.93 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF085871.D
Acq: 30 Mar 2016 1:41

Tgt Ion: 82 Resp: 585749
Ion Ratio Lower Upper
82 100
128 43.6 41.8 62.8
54 47.0 33.4 50.0



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





#25

Isophorone

Concen: 34.40 ng

RT: 7.37 min Scan# 445

Delta R.T. -0.29 min

Lab File: BF085871.D

Acq: 30 Mar 2016 1:41

Instrument :

BNA_F

ClientSampleId :

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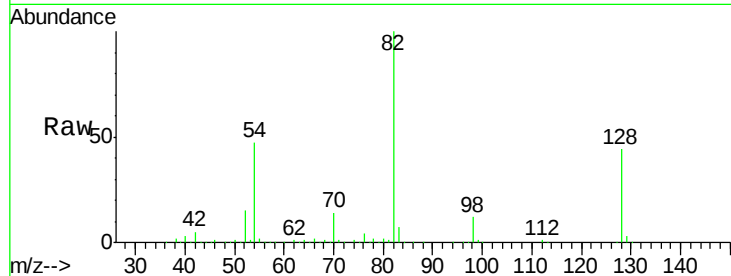
Tgt Ion: 82 Resp: 491820

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

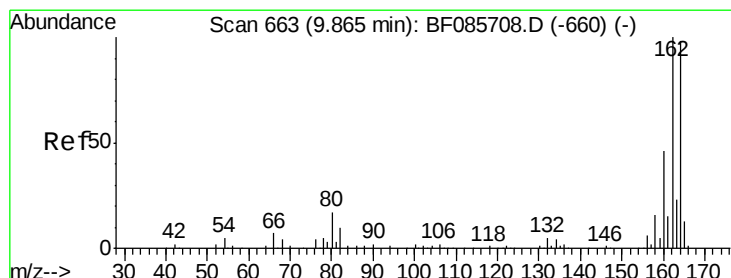
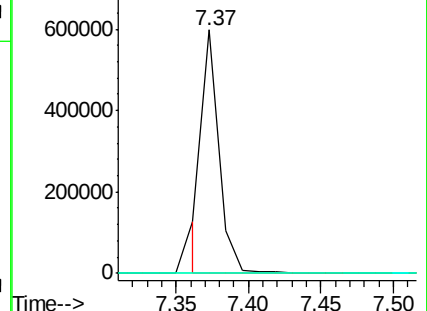
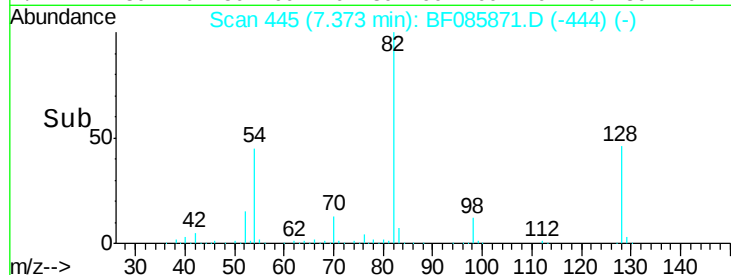
138 0.0 12.9 19.3#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF085871.D

Acq: 30 Mar 2016 1:41

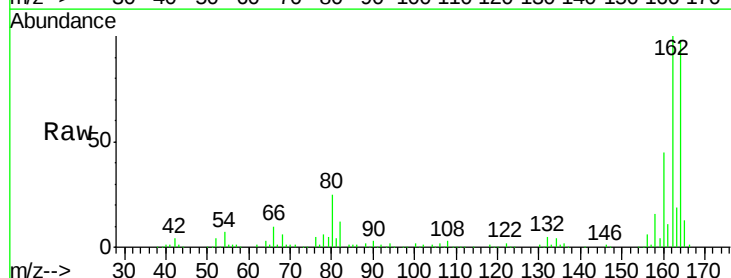
Tgt Ion: 164 Resp: 146412

Ion Ratio Lower Upper

164 100

162 102.3 82.1 123.1

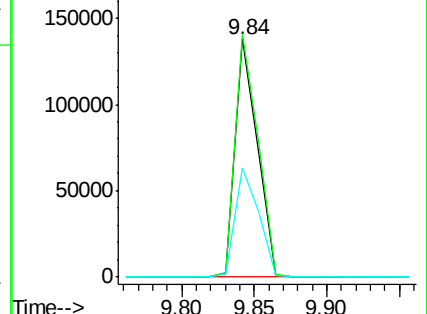
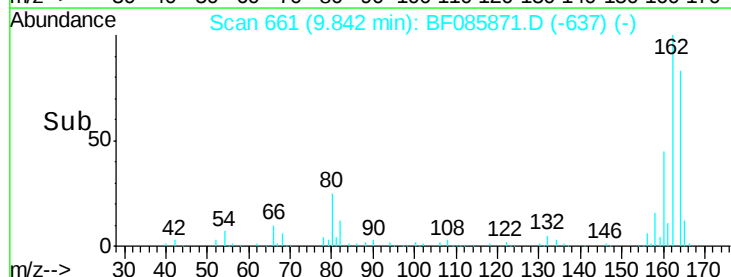
160 45.9 37.4 56.2

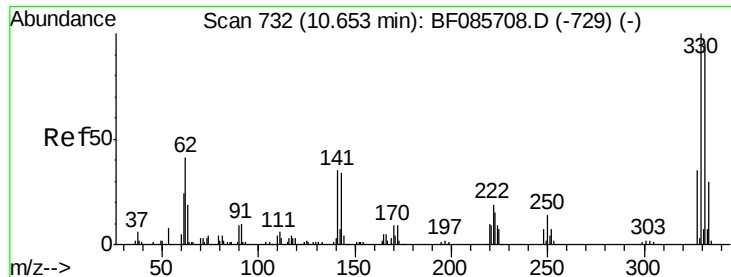


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

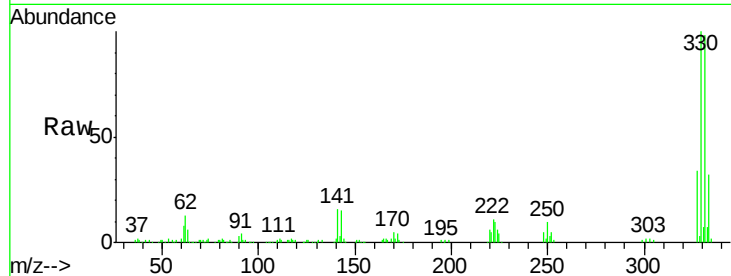




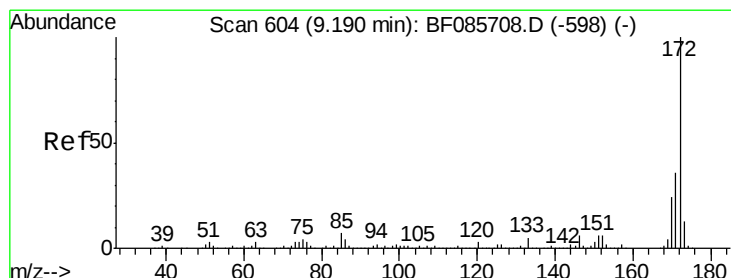
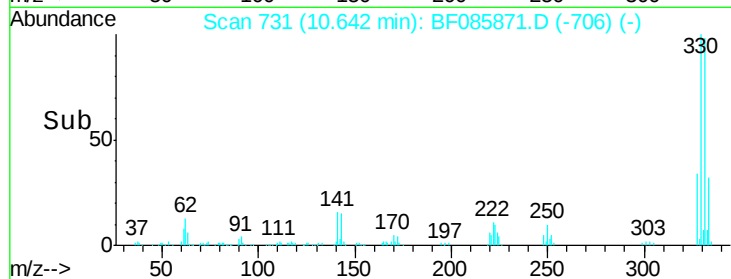
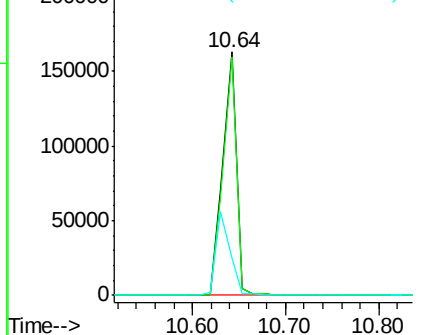
#41
 2,4,6-Tribromophenol
 Concen: 120.05 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085871.D
 Acq: 30 Mar 2016 1:41

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.2	117.2
141	35.9	31.5	47.3

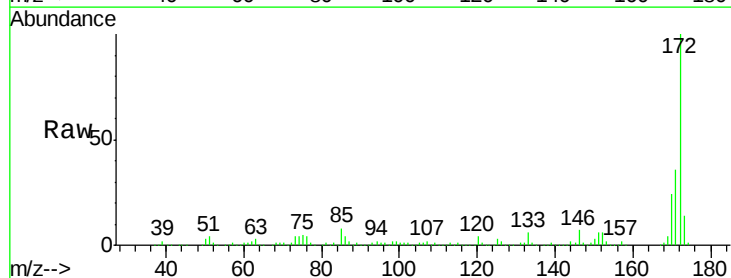


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

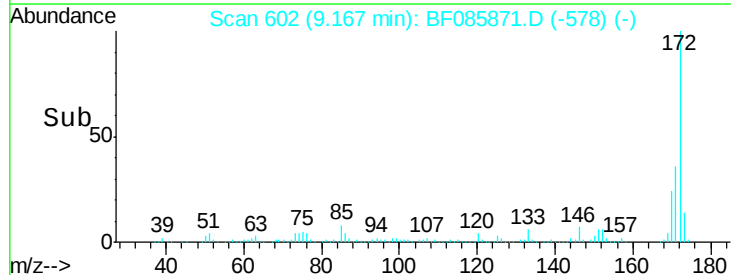
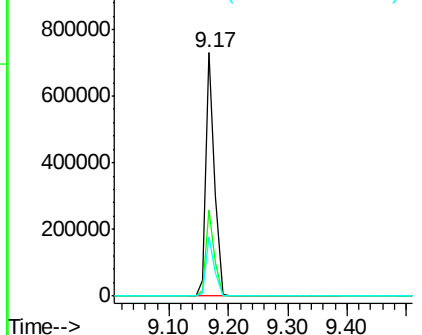


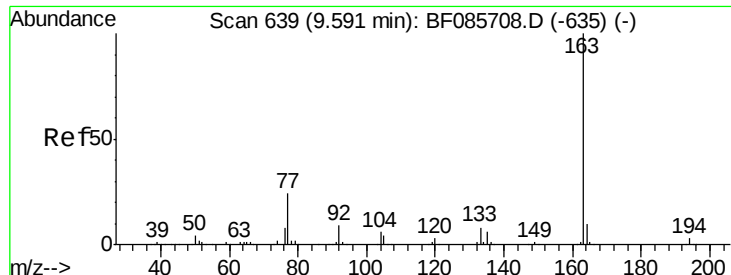
#44
 2-Fluorobiphenyl
 Concen: 85.73 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF085871.D
 Acq: 30 Mar 2016 1:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.2
170	24.2	19.8	29.6



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

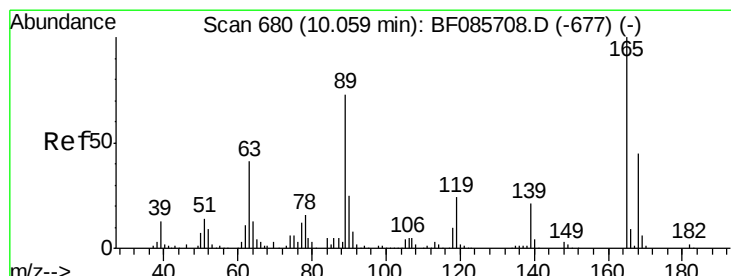
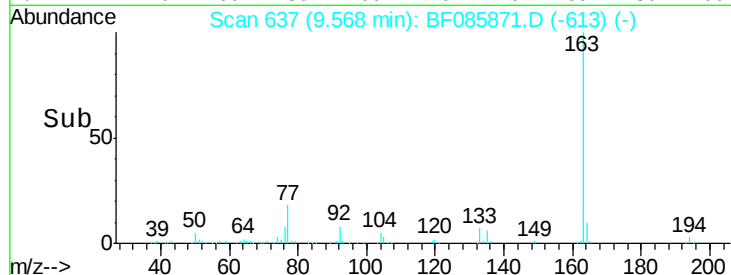
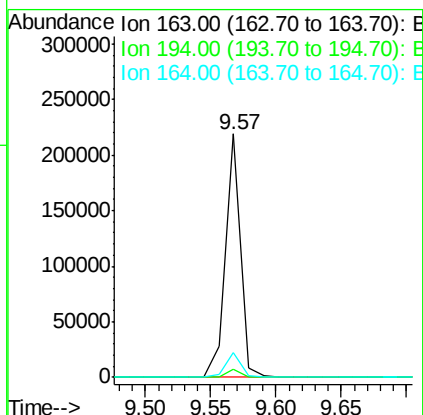
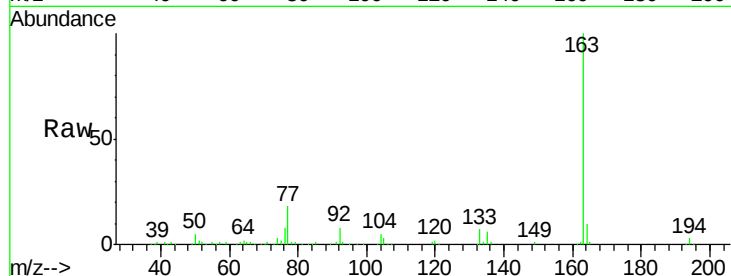




#49
Dimethylphthalate
Concen: 16.01 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF085871.D
Acq: 30 Mar 2016 1:41

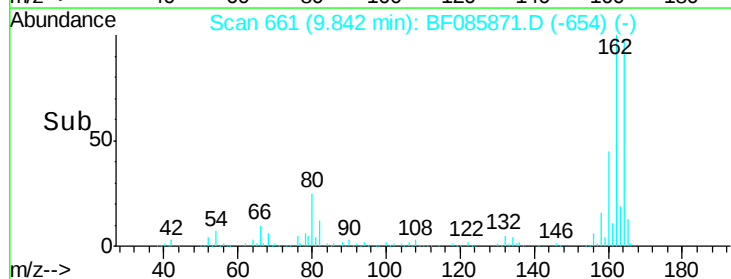
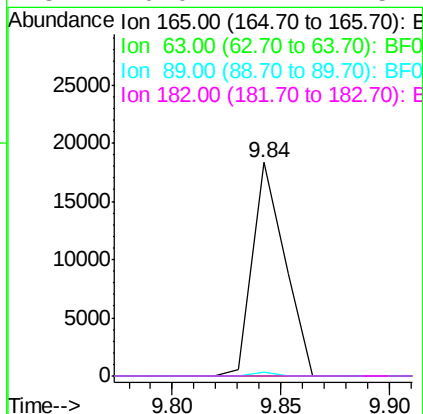
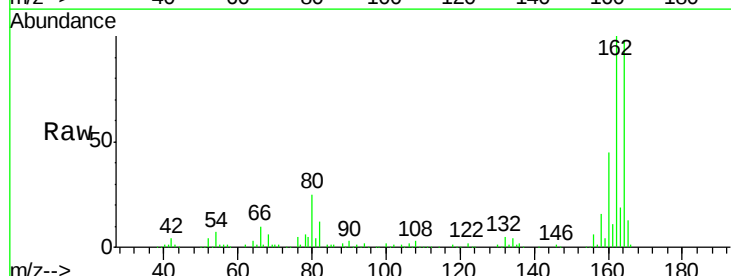
Instrument :
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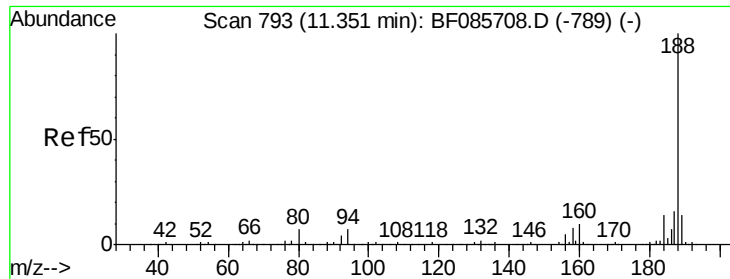
Tgt Ion:163 Resp: 177887
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 10.0 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.26 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.22 min
Lab File: BF085871.D
Acq: 30 Mar 2016 1:41

Tgt Ion:165 Resp: 19032
Ion Ratio Lower Upper
165 100
63 0.0 24.9 37.3#
89 1.7 41.0 61.6#
182 0.0 2.1 3.1#

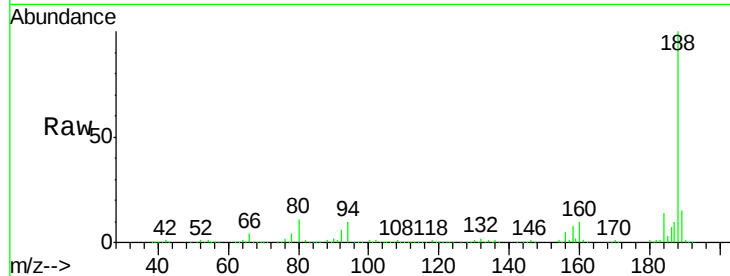




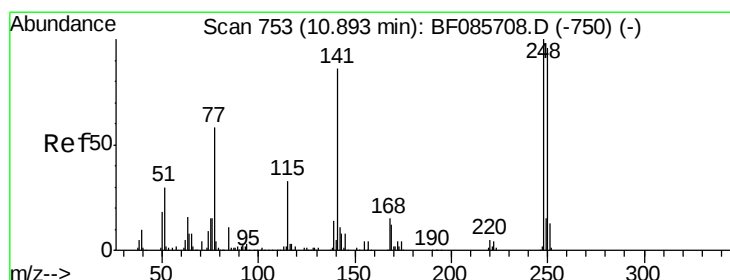
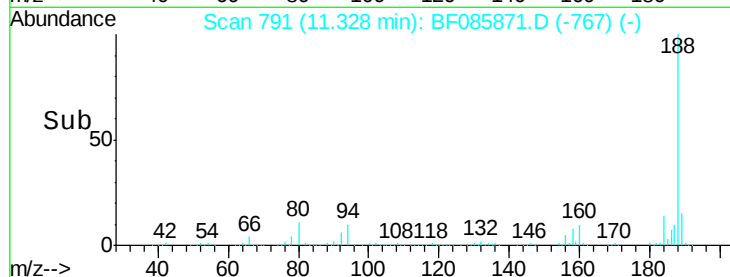
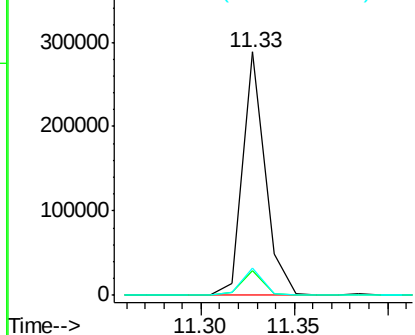
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF085871.D
 Acq: 30 Mar 2016 1:41

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:188 Resp: 244177
 Ion Ratio Lower Upper
 188 100
 94 10.4 5.4 8.0#
 80 11.0 5.5 8.3#

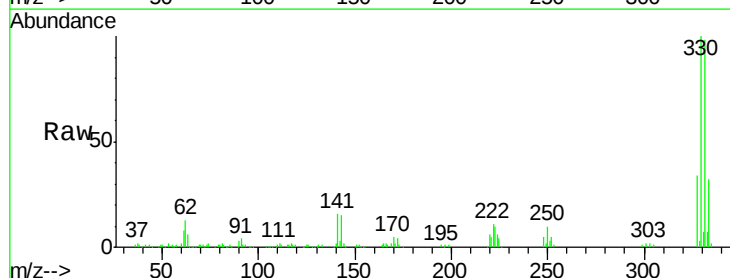


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

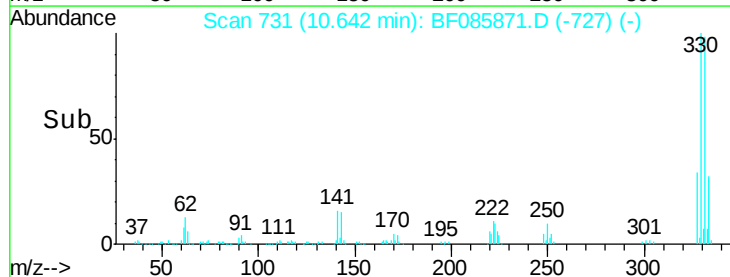
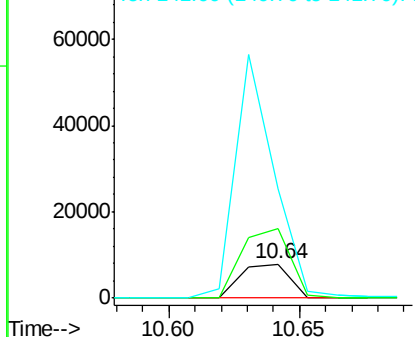


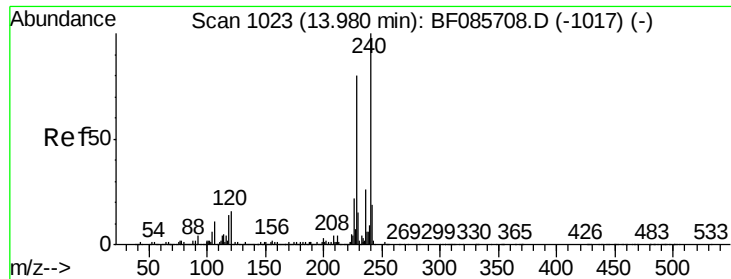
#66
 4-Bromophenyl-phenylether
 Concen: 4.15 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.25 min
 Lab File: BF085871.D
 Acq: 30 Mar 2016 1:41

Tgt Ion:248 Resp: 10358
 Ion Ratio Lower Upper
 248 100
 250 204.3 77.4 116.0#
 141 323.6 63.6 95.4#



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

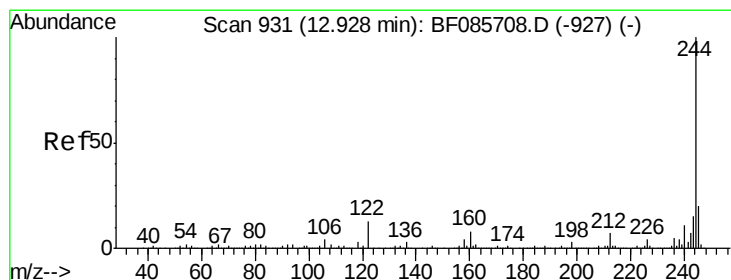
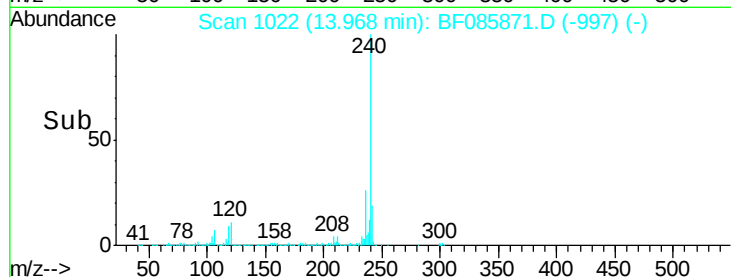
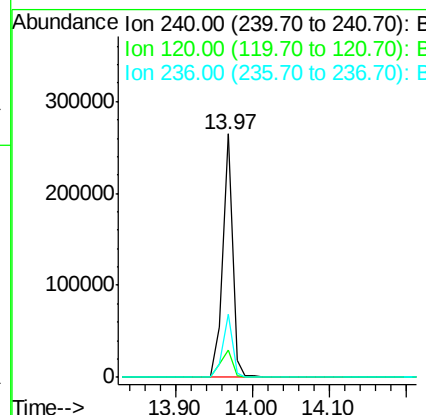
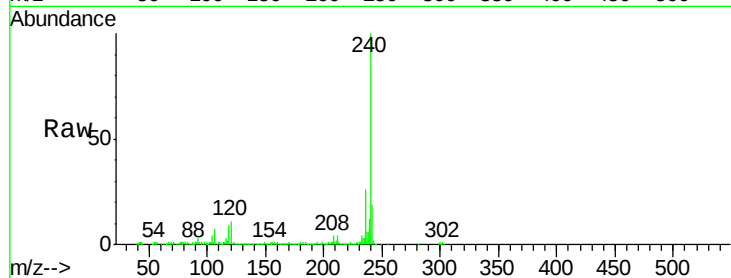




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF085871.D
Acq: 30 Mar 2016 1:41

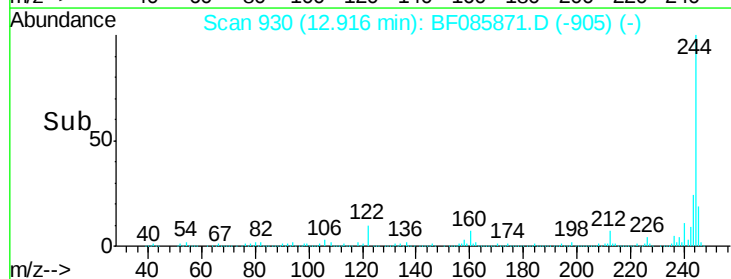
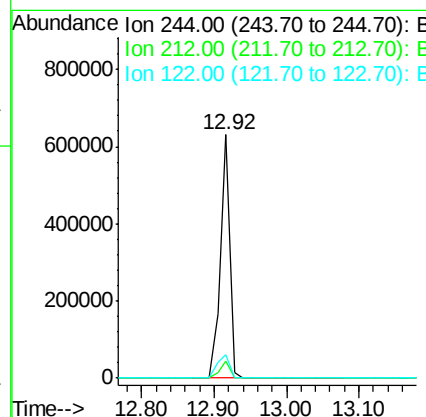
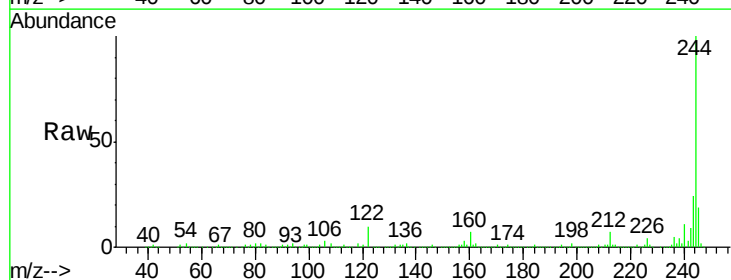
Instrument :
BNA_F
ClientSampleId :
B-4

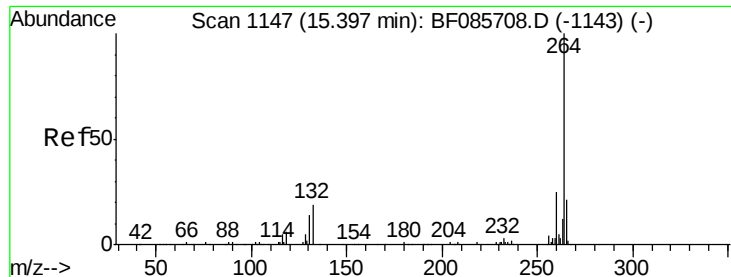
Tgt Ion:240 Resp: 238929
Ion Ratio Lower Upper
240 100
120 11.1 13.8 20.8#
236 26.1 20.6 30.8



#78
Terphenyl-d14
Concen: 48.38 ng
RT: 12.92 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF085871.D
Acq: 30 Mar 2016 1:41

Tgt Ion:244 Resp: 562038
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 9.9 10.2 15.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085871.D
Acq: 30 Mar 2016 1:41

Instrument :
BNA_F
ClientSampleId :
B-4

Tgt Ion: 264 Resp: 176518
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 21.2 17.2 25.8

