

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088597.D
 Acq On : 2 Jul 2016 2:35
 Operator : UM/SJ
 Sample : H3816-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: Jul 02 03:15:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 02:24:16 2016
 Response via : Initial Calibration

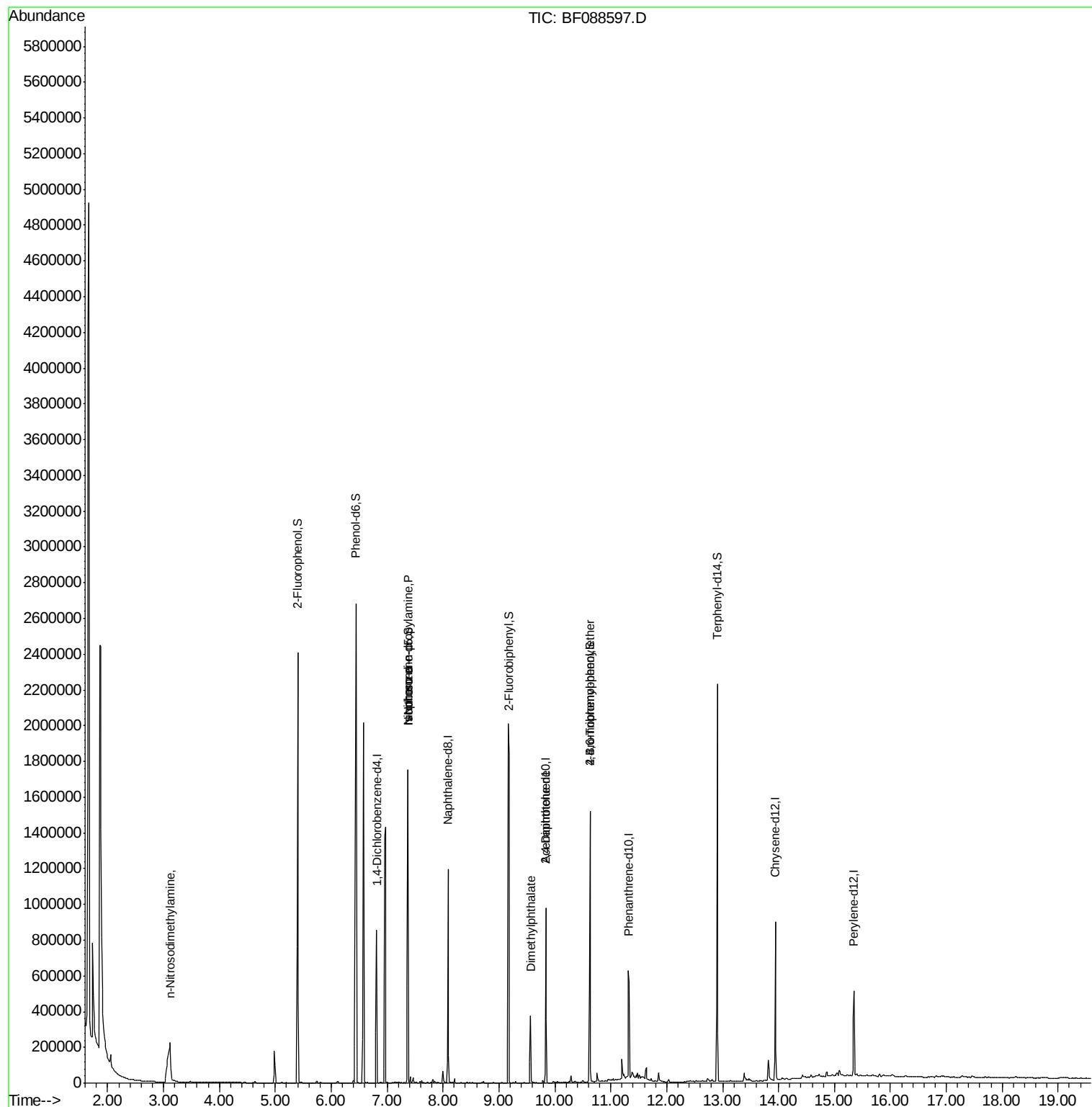
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128966	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	472744	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	191330	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	313332	20.00	ng	0.00
75) Chrysene-d12	13.94	240	252080	20.00	ng	-0.01
86) Perylene-d12	15.35	264	217769	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	724310	84.17	ng	0.01
7) Phenol-d6	6.44	99	1071981	96.41	ng	0.00
23) Nitrobenzene-d5	7.37	82	590170	65.42	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	164205	92.42	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	938984	77.52	ng	0.00
78) Terphenyl-d14	12.90	244	617364	54.55	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.12	42	18698	3.95	ng	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	79889	10.70	ng	# 73
25) Isophorone	7.37	82	452987	27.11	ng	# 65
49) Dimethylphthalate	9.56	163	160988	11.81	ng	98
56) 2,4-Dinitrotoluene	9.84	165	24355	6.17	ng	# 38
66) 4-Bromophenyl-phenylether	10.63	248	12124	3.84	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: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF088597.D

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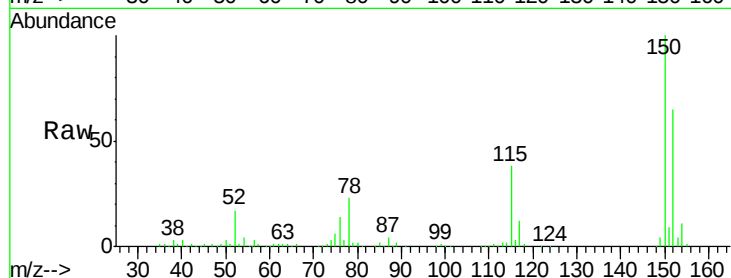
Tgt Ion:152 Resp: 128966

Ion Ratio Lower Upper

152 100

150 154.8 123.8 185.6

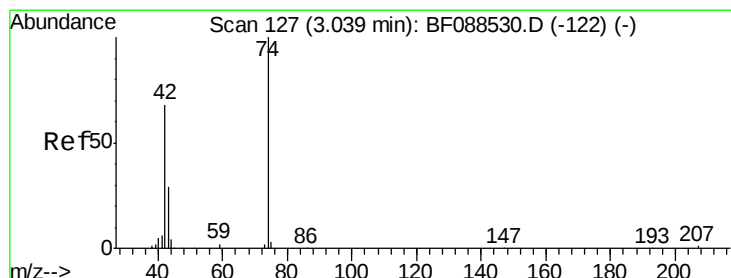
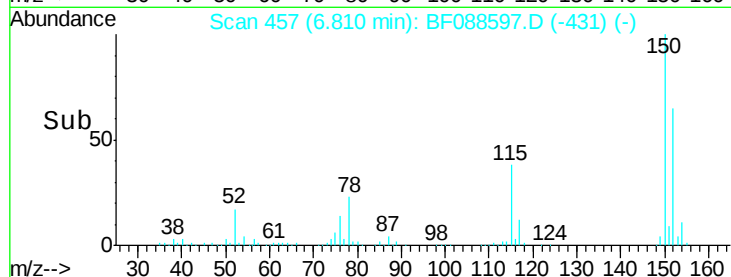
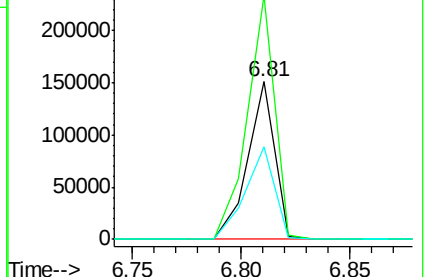
115 59.3 39.6 59.4



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



#4

n-Nitrosodimethylamine

Concen: 3.95 ng

RT: 3.12 min Scan# 134

Delta R.T. 0.09 min

Lab File: BF088597.D

Acq: 2 Jul 2016 2:35

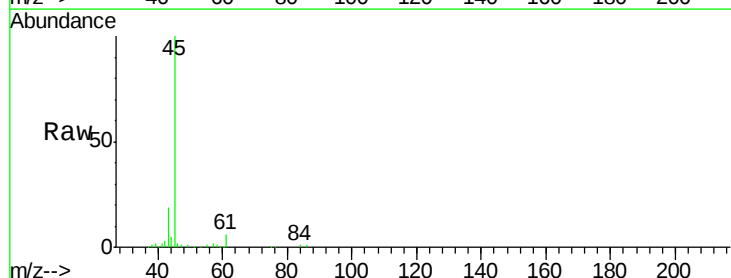
Tgt Ion: 42 Resp: 18698

Ion Ratio Lower Upper

42 100

74 0.0 108.6 163.0#

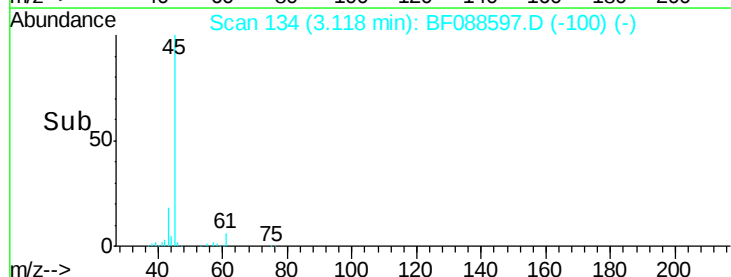
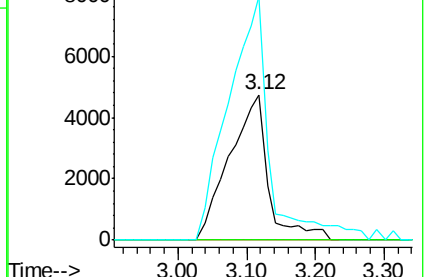
44 167.6 5.5 8.3#

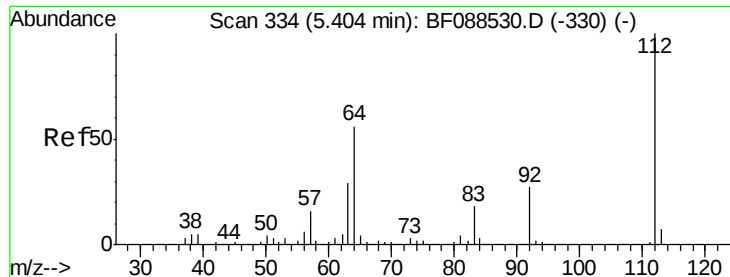


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 84.17 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.01 min

Lab File: BF088597.D

Acq: 2 Jul 2016 2:35

Instrument :

BNA_F

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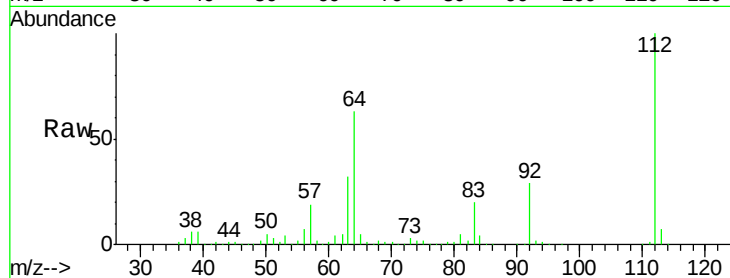
Tgt Ion: 112 Resp: 724310

Ion Ratio Lower Upper

112 100

64 62.7 42.2 63.2

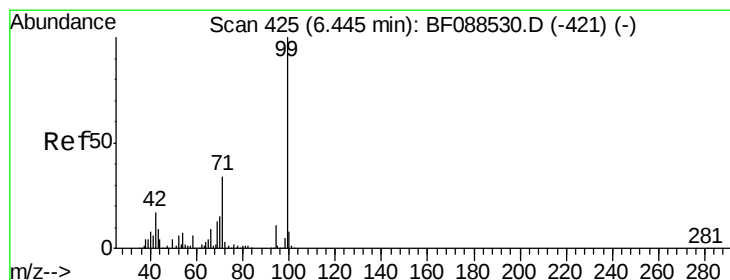
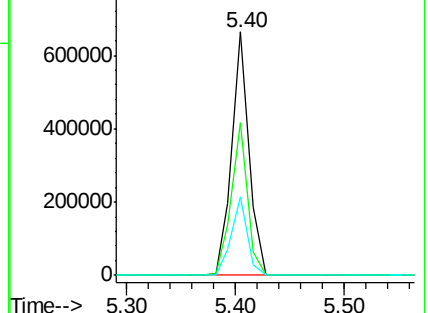
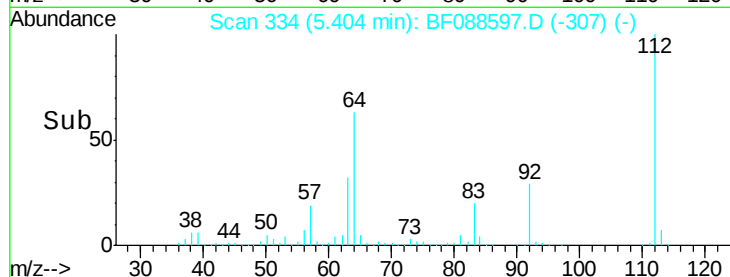
63 32.4 21.8 32.8



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: 96.41 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088597.D

Acq: 2 Jul 2016 2:35

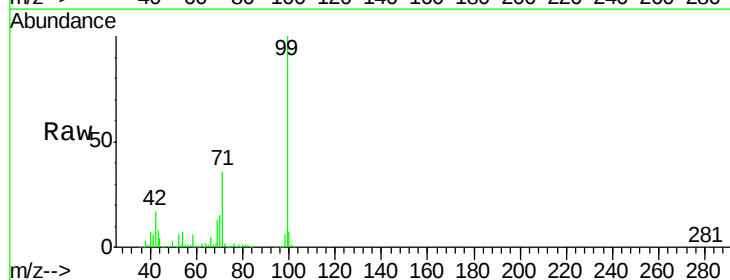
Tgt Ion: 99 Resp: 1071981

Ion Ratio Lower Upper

99 100

42 17.5 12.2 18.2

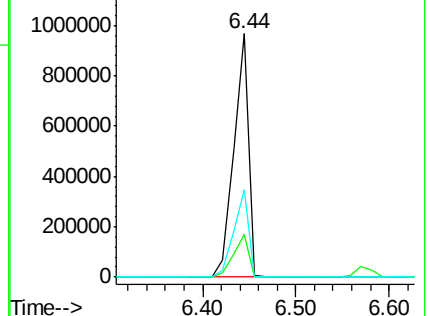
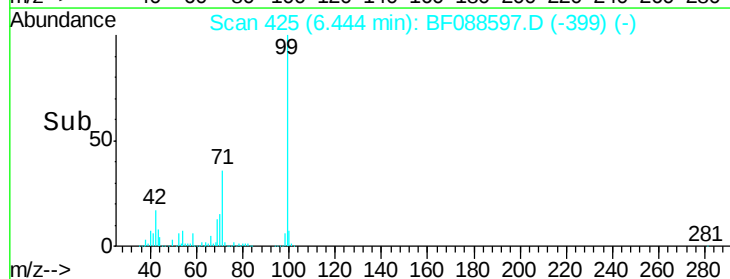
71 36.1 23.4 35.0#

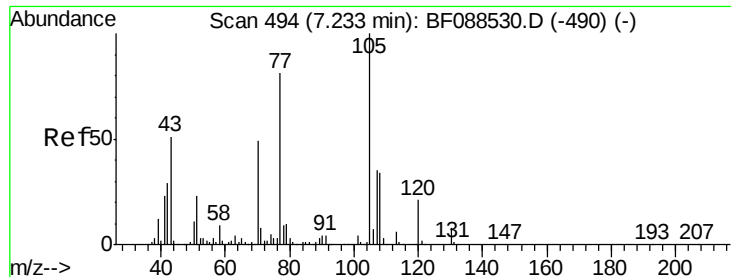


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

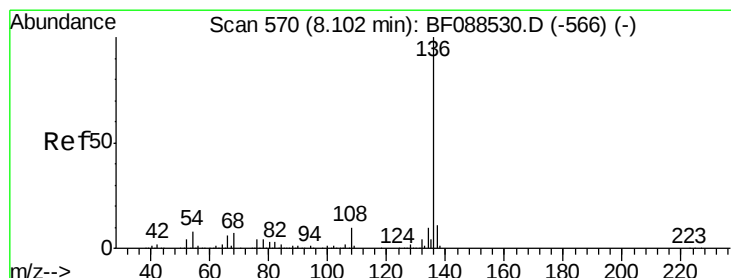
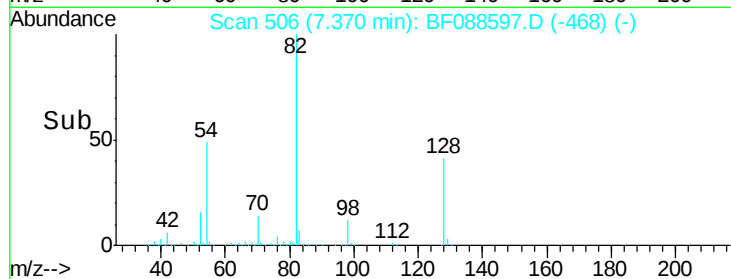
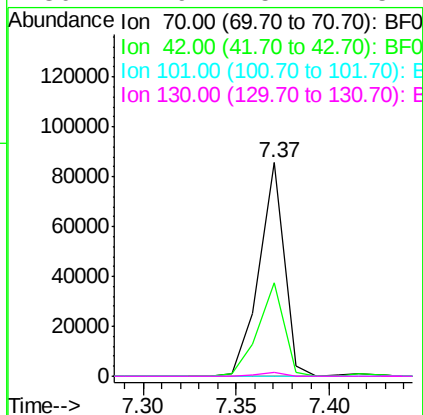
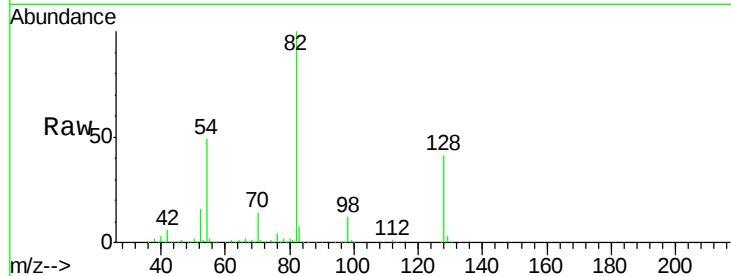




#19
n-Nitroso-di-n-propylamine
Concen: 10.70 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.14 min
Lab File: BF088597.D
Acq: 2 Jul 2016 2:35

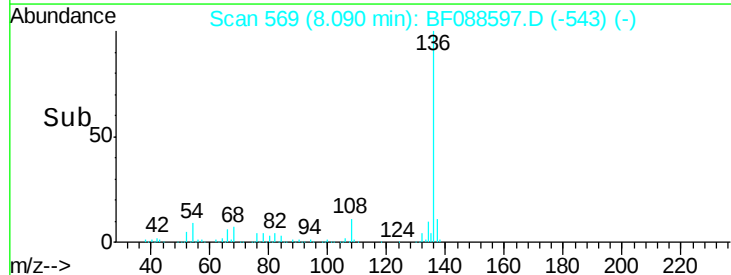
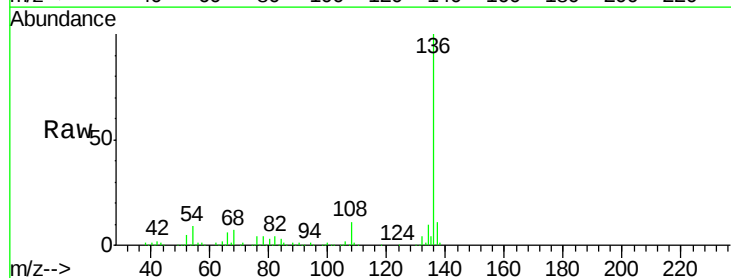
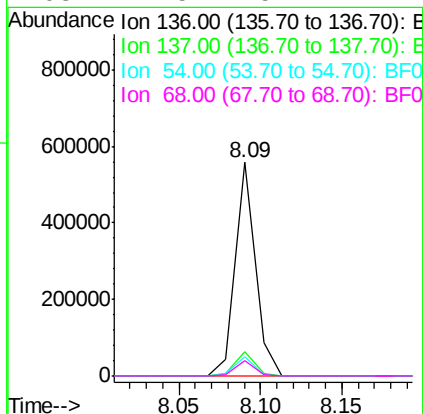
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

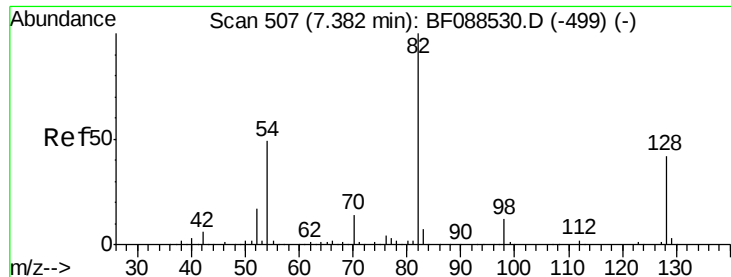
Tgt Ion: 70 Resp: 79889
Ion Ratio Lower Upper
70 100
42 43.6 49.6 74.4#
101 0.0 7.1 10.7#
130 1.9 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF088597.D
Acq: 2 Jul 2016 2:35

Tgt Ion: 136 Resp: 472744
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 9.0 6.6 10.0
68 7.5 5.1 7.7

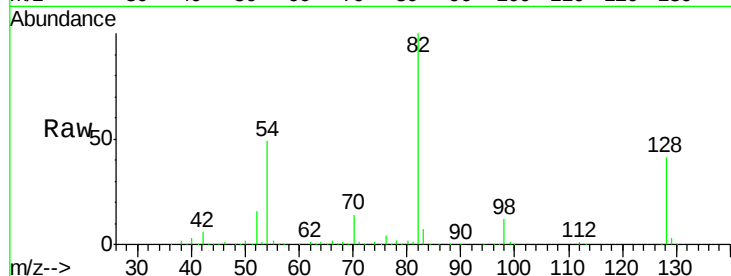




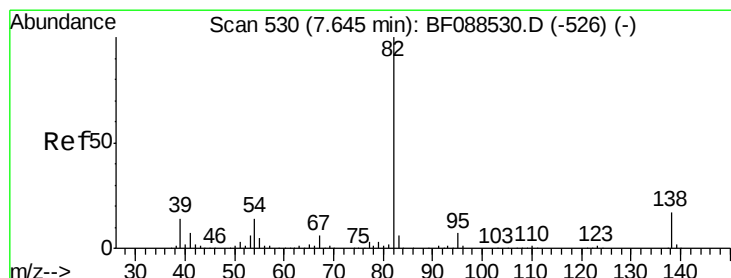
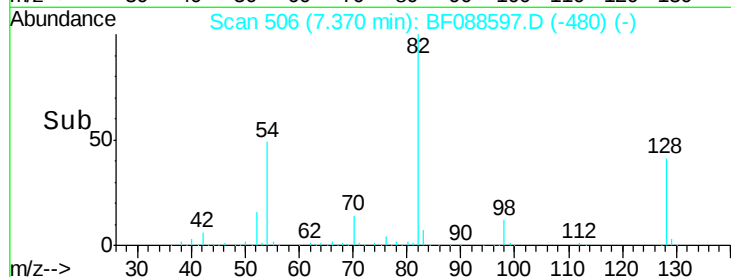
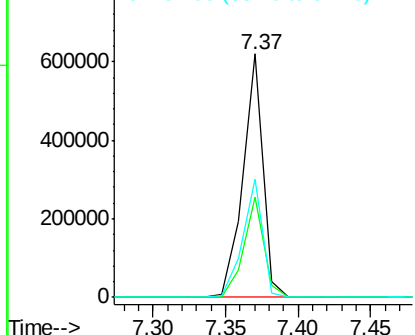
#23
 Nitrobenzene-d5
 Concen: 65.42 ng
 RT: 7.37 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF088597.D
 Acq: 2 Jul 2016 2:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tgt Ion: 82 Resp: 590170
 Ion Ratio Lower Upper
 82 100
 128 41.2 35.9 53.9
 54 48.5 40.9 61.3

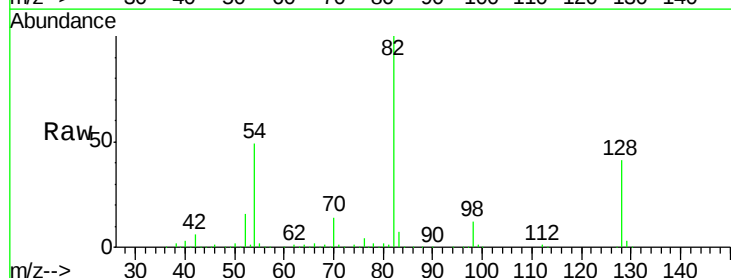


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

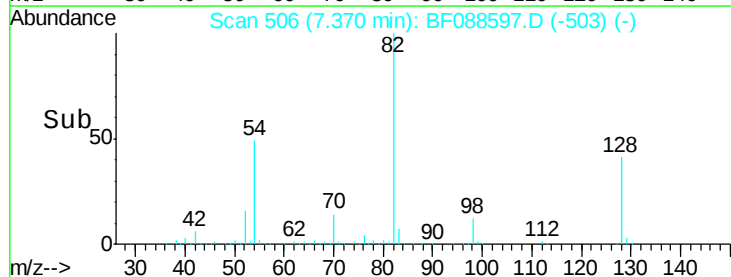
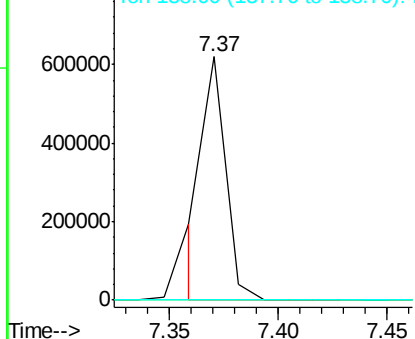


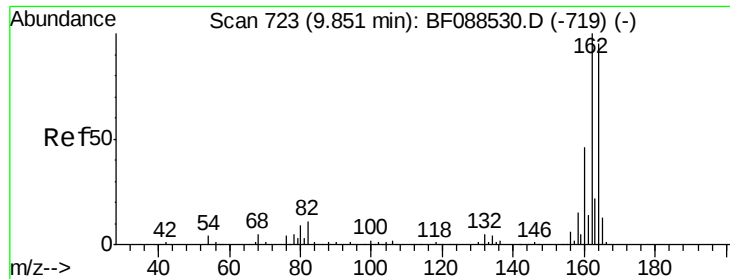
#25
 Isophorone
 Concen: 27.11 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.26 min
 Lab File: BF088597.D
 Acq: 2 Jul 2016 2:35

Tgt Ion: 82 Resp: 452987
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 14.6 21.8#



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

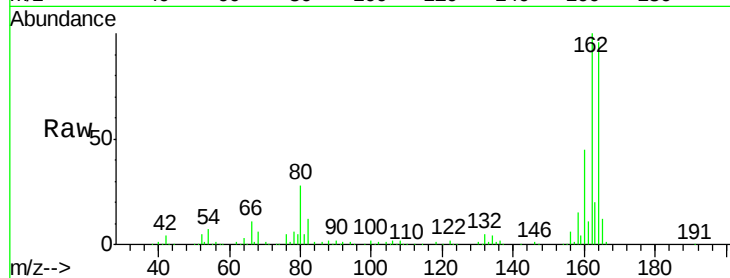




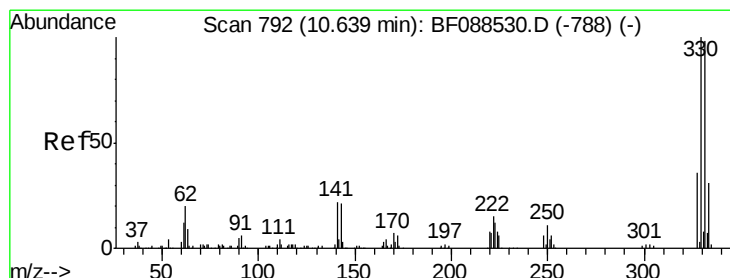
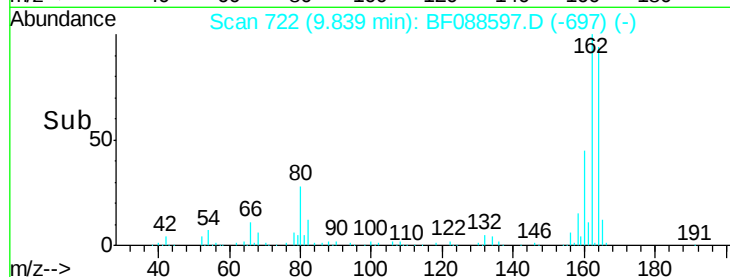
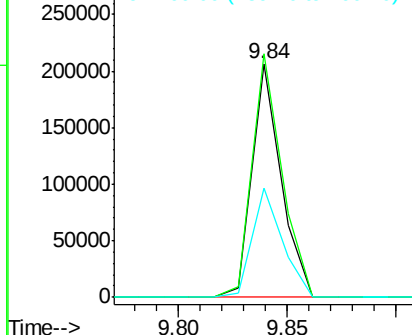
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF088597.D
Acq: 2 Jul 2016 2:35

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tgt Ion:164 Resp: 191330
Ion Ratio Lower Upper
164 100
162 104.2 85.4 128.2
160 46.8 39.5 59.3

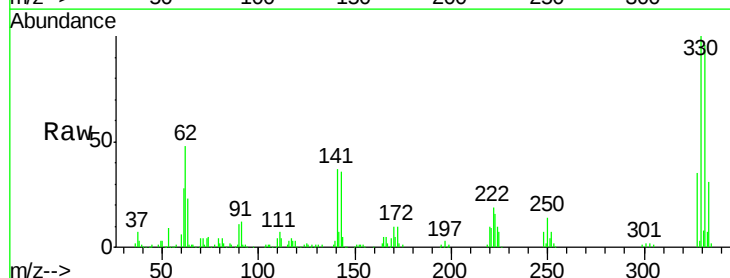


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

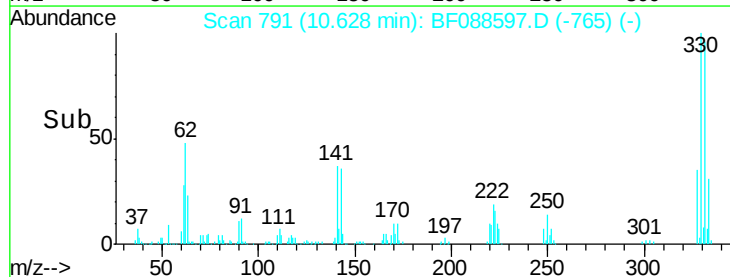
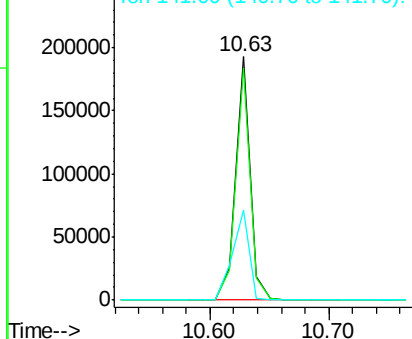


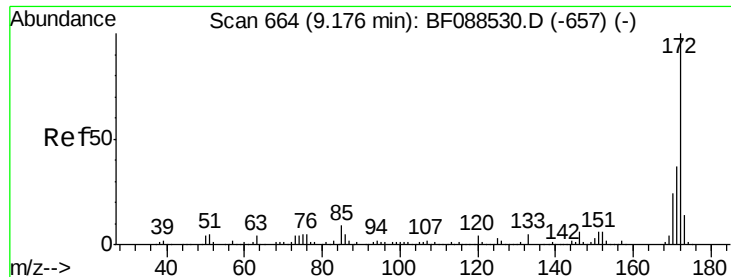
#41
2,4,6-Tribromophenol
Concen: 92.42 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF088597.D
Acq: 2 Jul 2016 2:35

Tgt Ion:330 Resp: 164205
Ion Ratio Lower Upper
330 100
332 95.5 0.0 0.0#
141 43.0 0.0 0.0#



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

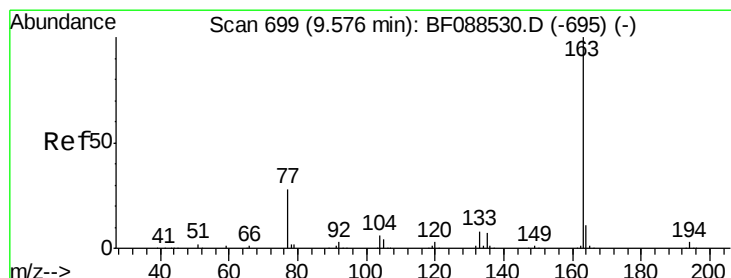
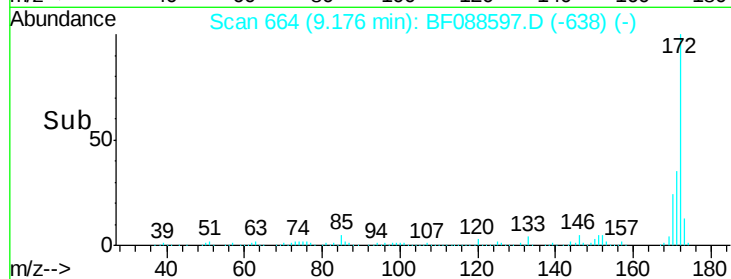
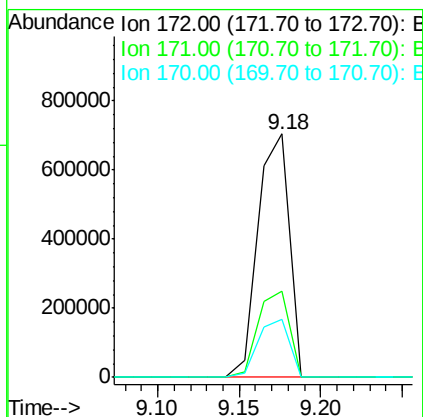
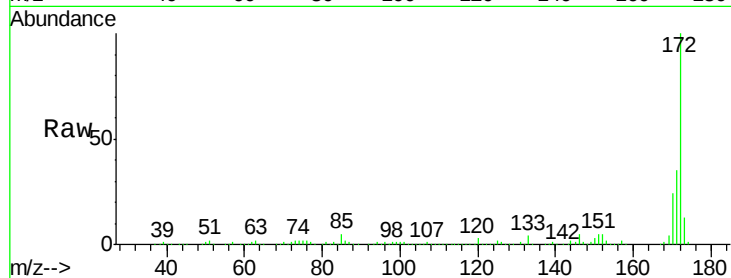




#44
2-Fluorobiphenyl
Concen: 77.52 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF088597.D
Acq: 2 Jul 2016 2:35

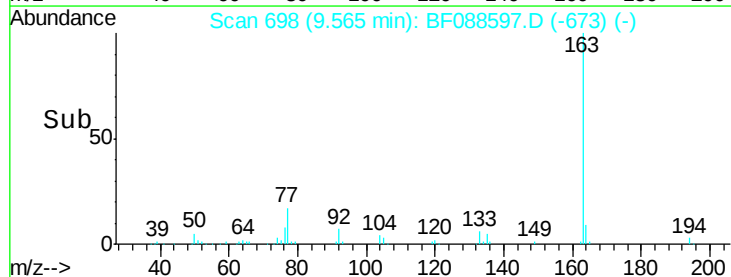
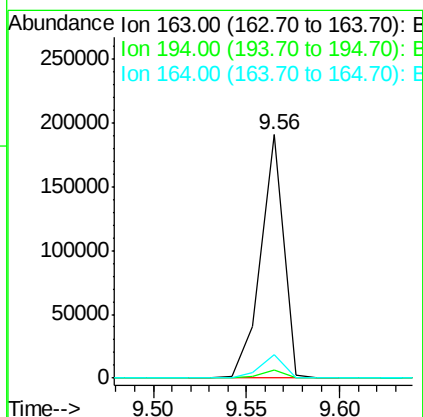
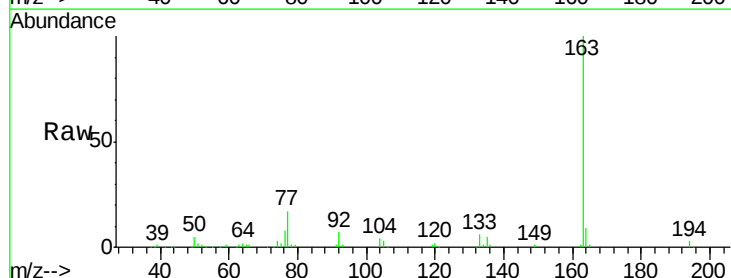
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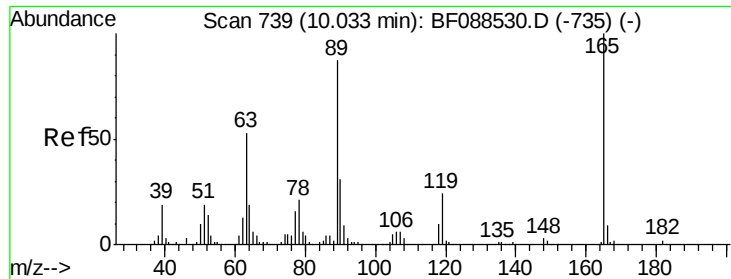
Tgt Ion:172 Resp: 938984
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.0 19.2 28.8



#49
Dimethylphthalate
Concen: 11.81 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088597.D
Acq: 2 Jul 2016 2:35

Tgt Ion:163 Resp: 160988
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 9.5 8.3 12.5

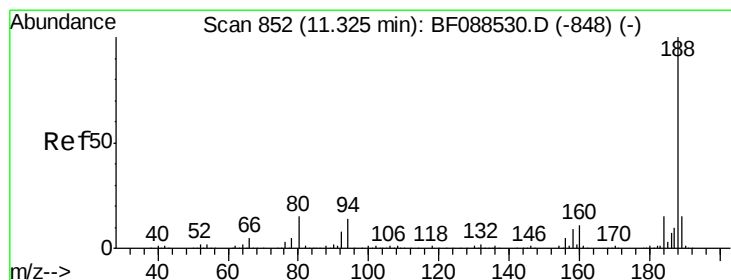
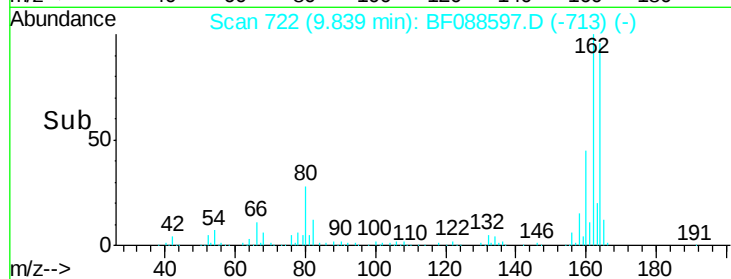
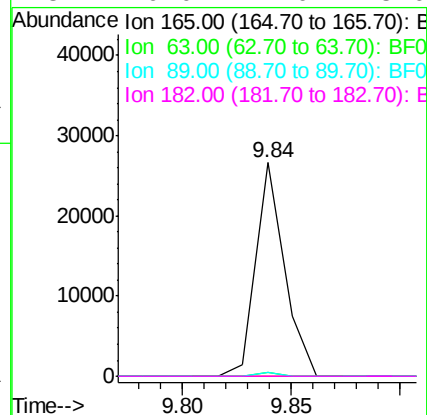
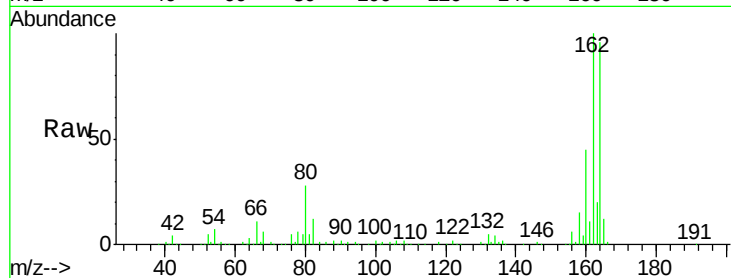




#56
 2,4-Dinitrotoluene
 Concen: 6.17 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.19 min
 Lab File: BF088597.D
 Acq: 2 Jul 2016 2:35

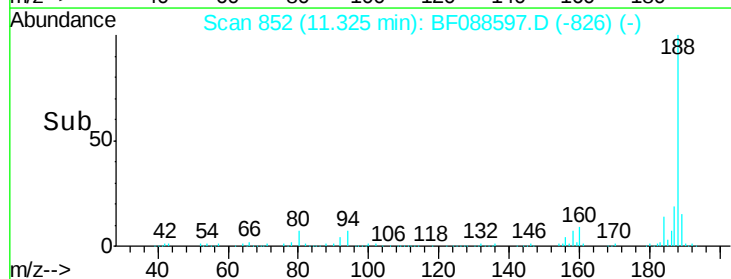
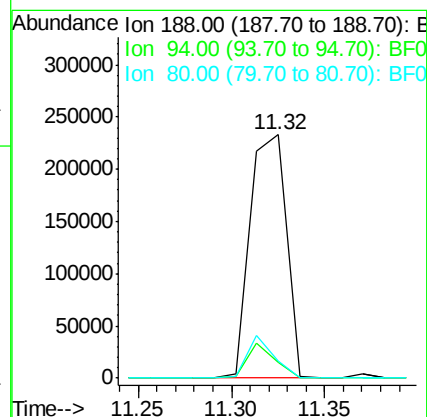
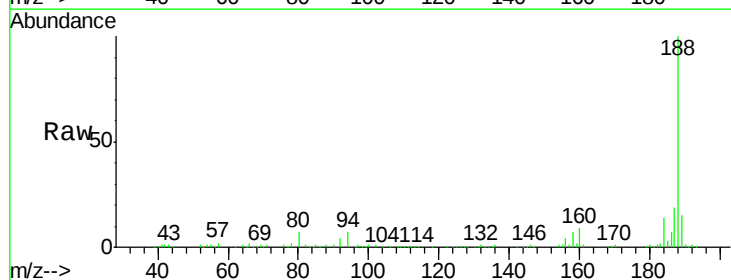
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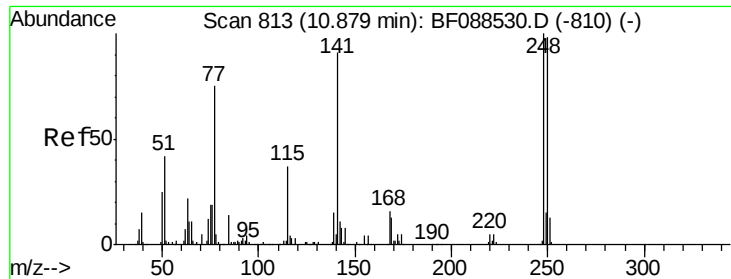
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	22.0	33.0#
89	2.0	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF088597.D
 Acq: 2 Jul 2016 2:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	9.0	13.6#
80	6.9	10.0	15.0#

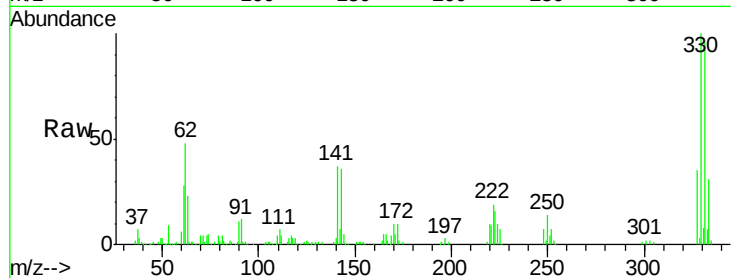




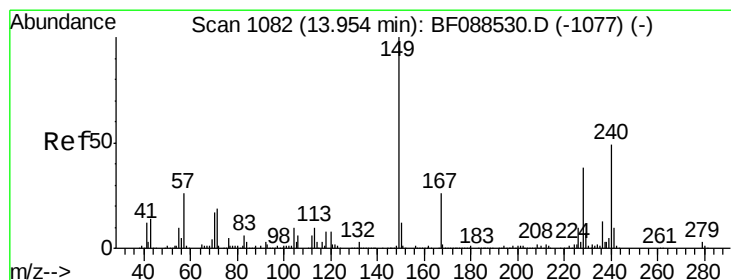
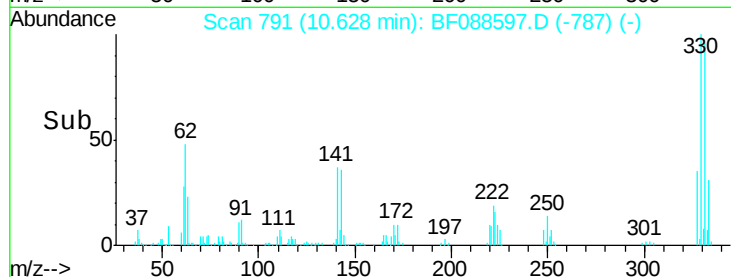
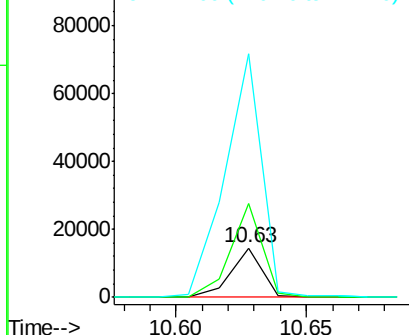
#66
4-Bromophenyl-phenylether
Concen: 3.84 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.25 min
Lab File: BF088597.D
Acq: 2 Jul 2016 2:35

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tgt Ion:248 Resp: 12124
Ion Ratio Lower Upper
248 100
250 191.9 77.1 115.7#
141 496.6 50.6 76.0#

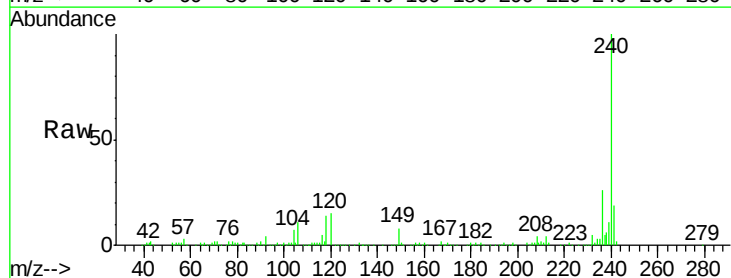


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

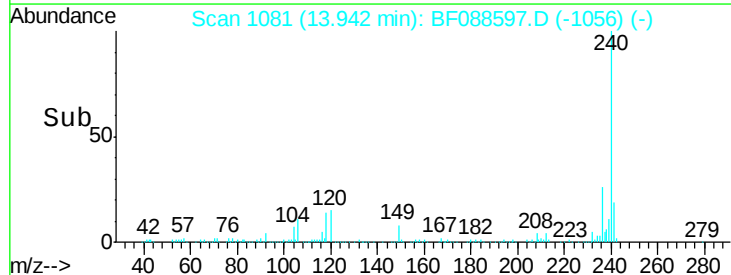
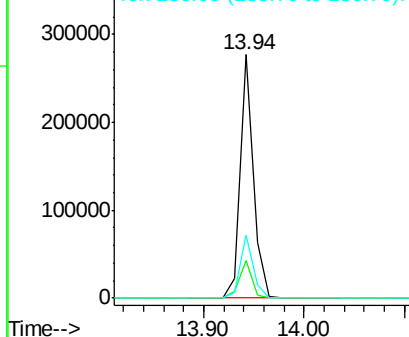


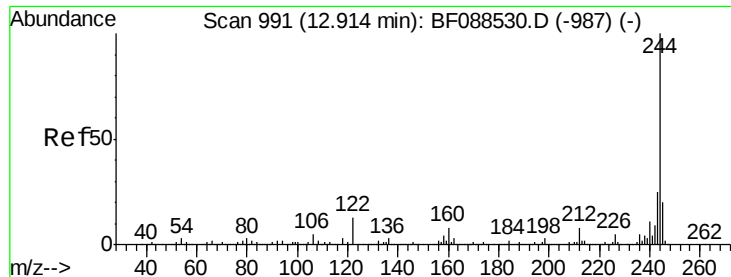
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088597.D
Acq: 2 Jul 2016 2:35

Tgt Ion:240 Resp: 252080
Ion Ratio Lower Upper
240 100
120 15.3 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

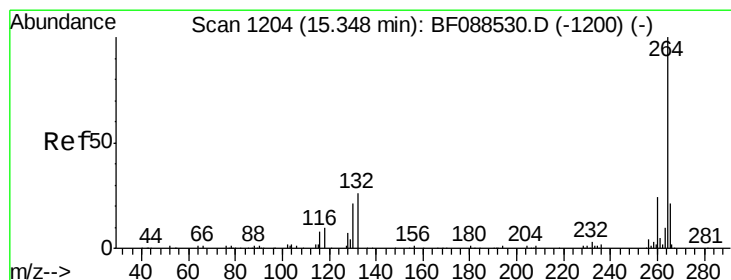
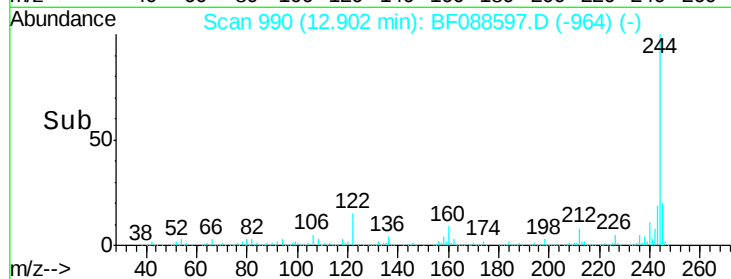
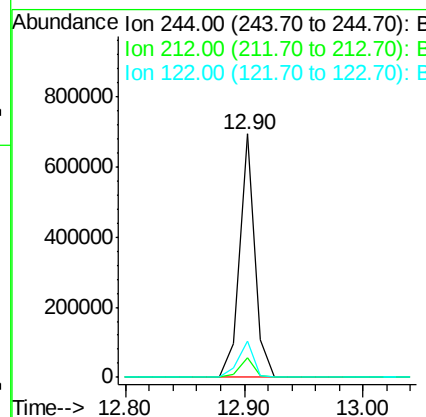
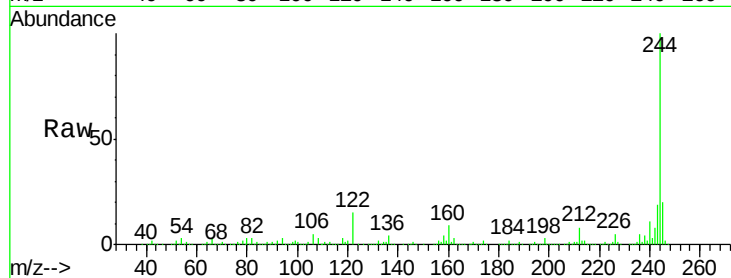




#78
 Terphenyl-d14
 Concen: 54.55 ng
 RT: 12.90 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF088597.D
 Acq: 2 Jul 2016 2:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tgt Ion:244 Resp: 617364
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 14.8 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF088597.D
 Acq: 2 Jul 2016 2:35

Tgt Ion:264 Resp: 217769
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.4 16.9 25.3

