

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070116\
 Data File : BF088609.D
 Acq On : 2 Jul 2016 8:25
 Operator : UM/SJ
 Sample : H3831-18
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 07:24:12 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

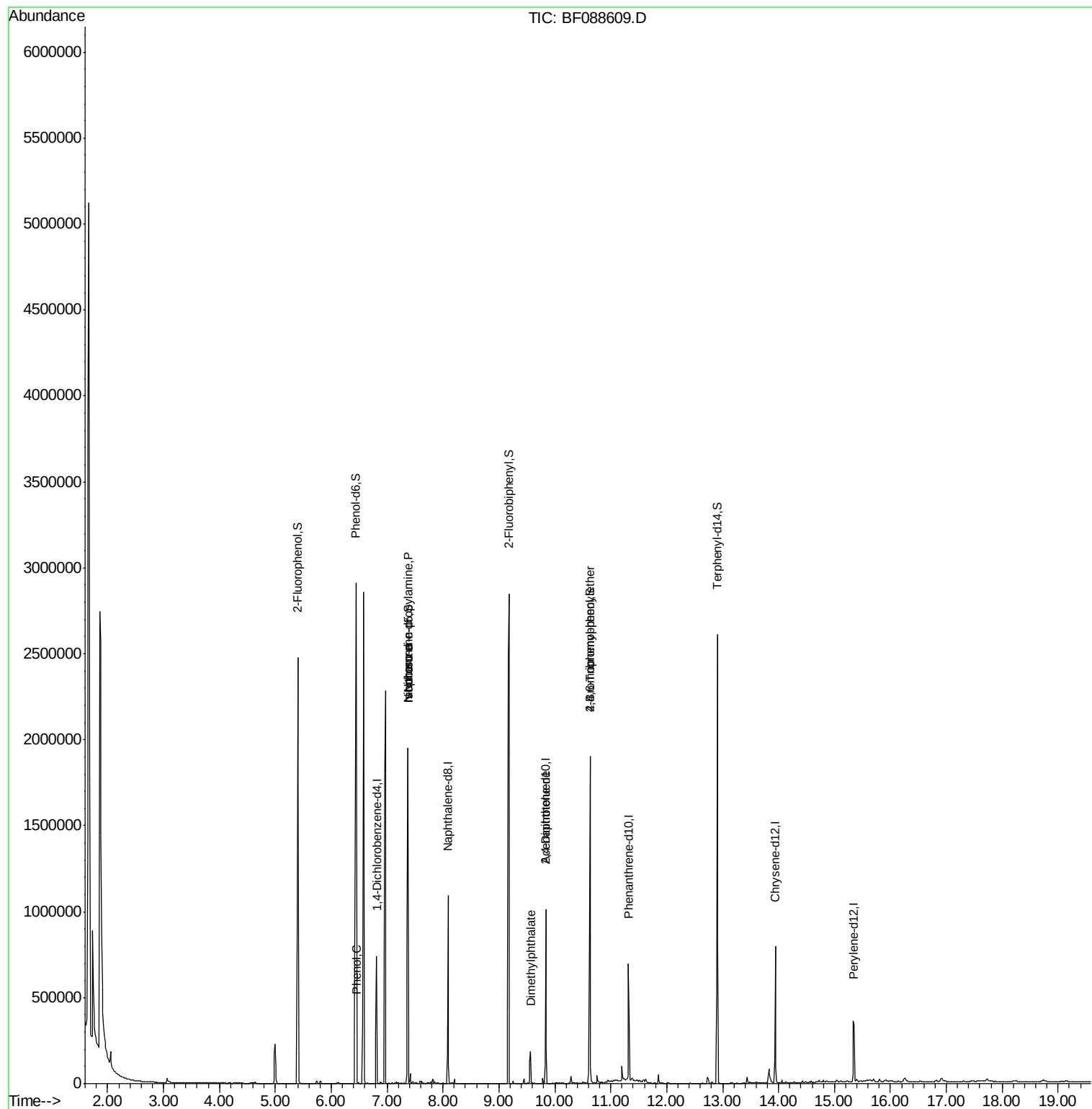
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	118998	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	440979	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	186101	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	293020	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	241114	20.00	ng	-0.01
86) Perylene-d12	15.35	264	192544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1039823	130.96	ng	0.00
7) Phenol-d6	6.44	99	1182833	115.29	ng	0.00
23) Nitrobenzene-d5	7.37	82	736208	87.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	217416	125.81	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1332471	113.10	ng	0.00
78) Terphenyl-d14	12.90	244	861684	79.60	ng	-0.01
Target Compounds						
10) Phenol	6.46	94	37820	3.23	ng	Qvalue 98
19) n-Nitroso-di-n-propylamine	7.37	70	99212	14.40	ng	# 74
25) Isophorone	7.37	82	539682	34.62	ng	# 65
49) Dimethylphthalate	9.56	163	99906	7.54	ng	98
56) 2,4-Dinitrotoluene	9.84	165	24085	6.27	ng	# 38
66) 4-Bromophenyl-phenylether	10.63	248	15516	5.25	ng	# 1

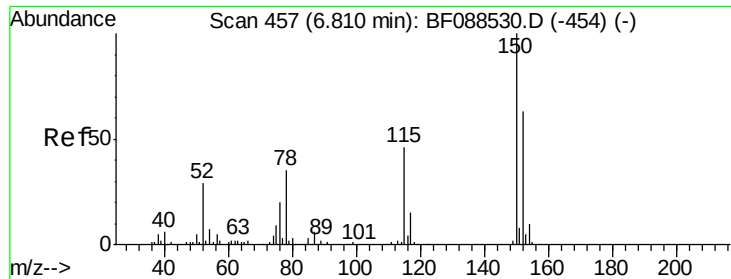
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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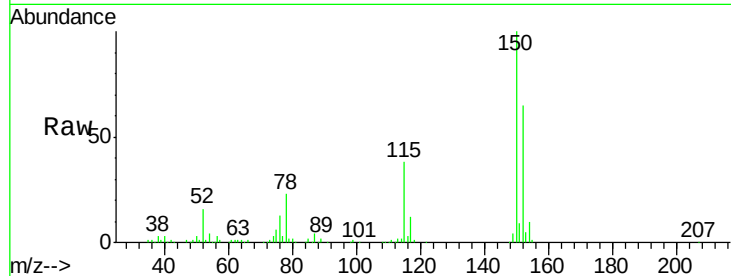


#1

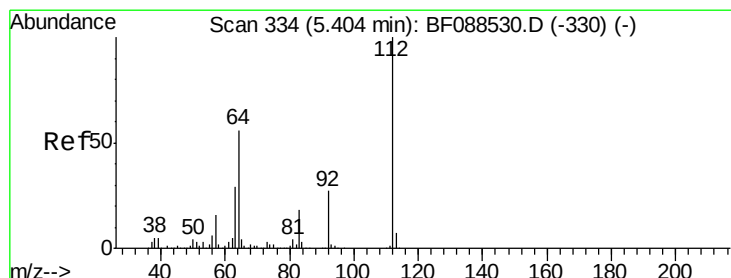
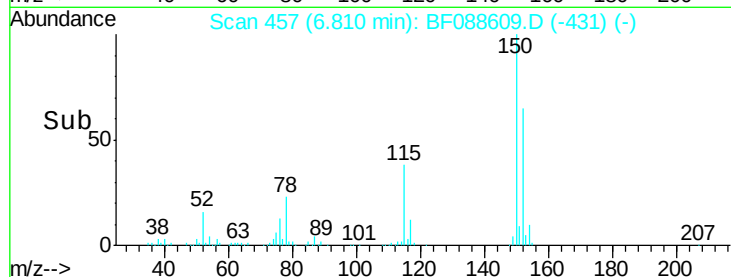
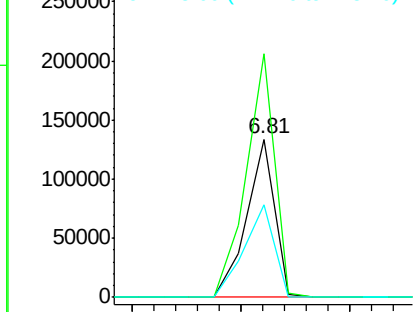
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088609.D
Acq: 2 Jul 2016 8:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118998
Ion Ratio Lower Upper
152 100
150 153.7 123.8 185.6
115 58.1 39.6 59.4



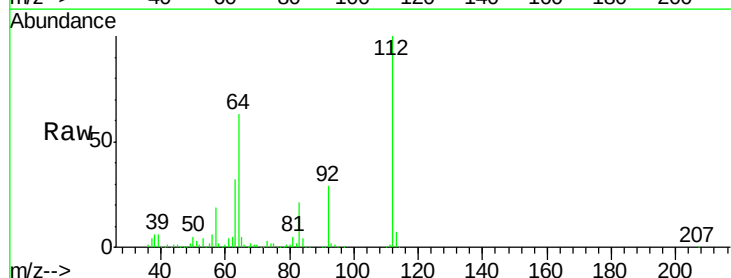
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



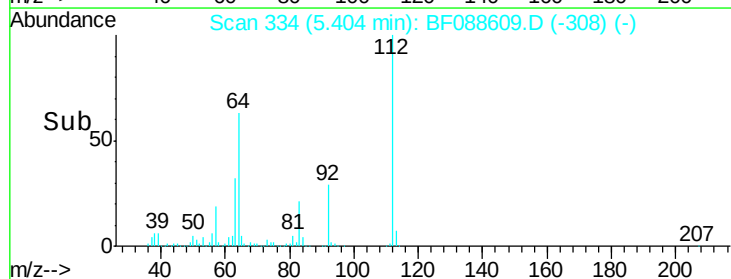
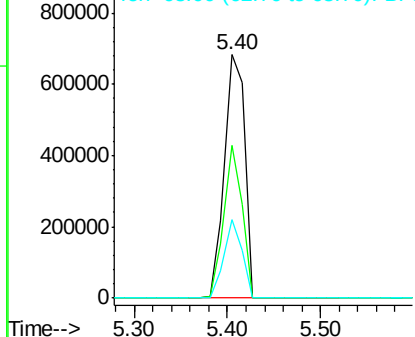
#5

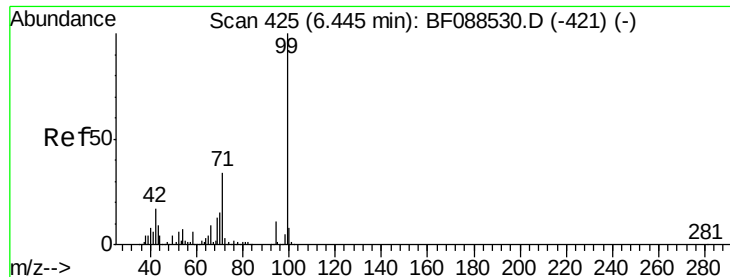
2-Fluorophenol
Concen: 130.96 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.00 min
Lab File: BF088609.D
Acq: 2 Jul 2016 8:25

Tgt Ion:112 Resp: 1039823
Ion Ratio Lower Upper
112 100
64 62.5 42.2 63.2
63 32.3 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: 115.29 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088609.D

Acq: 2 Jul 2016 8:25

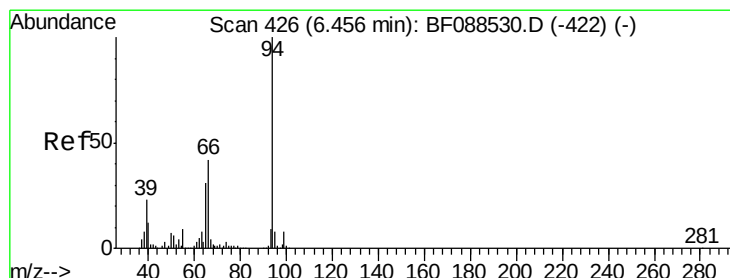
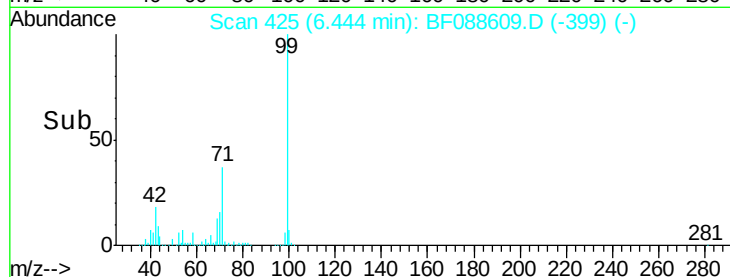
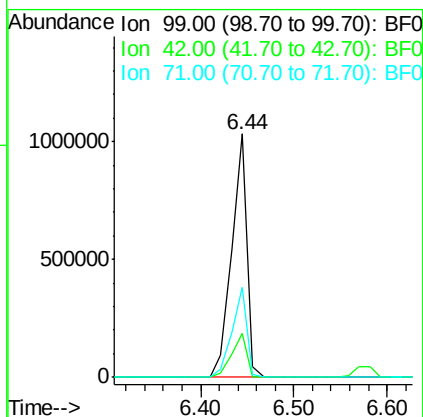
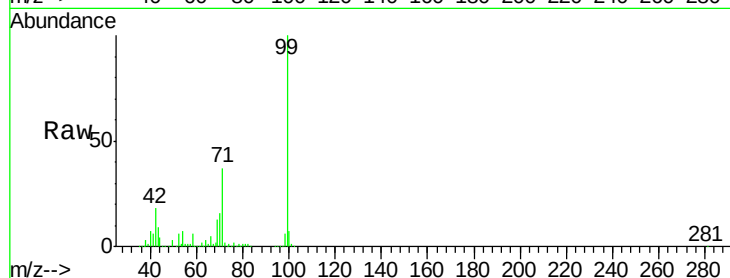
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1182833

Ion	Ratio	Lower	Upper
99	100		
42	18.1	12.2	18.2
71	37.0	23.4	35.0#



#10

Phenol

Concen: 3.23 ng

RT: 6.46 min Scan# 426

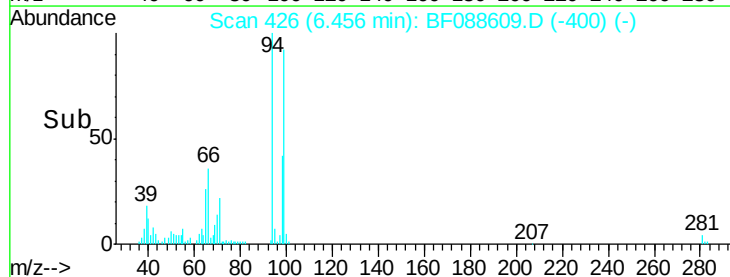
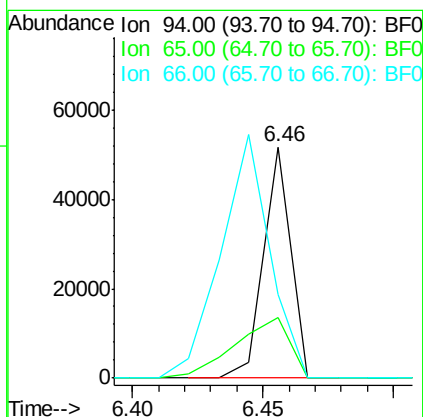
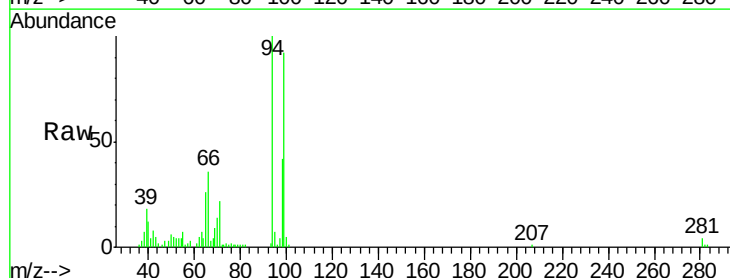
Delta R.T. -0.00 min

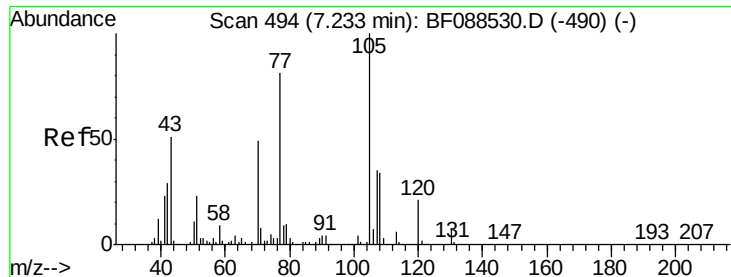
Lab File: BF088609.D

Acq: 2 Jul 2016 8:25

Tgt Ion: 94 Resp: 37820

Ion	Ratio	Lower	Upper
94	100		
65	26.0	5.9	45.9
66	36.2	14.0	54.0





#19

n-Nitroso-di-n-propylamine

Concen: 14.40 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.14 min

Lab File: BF088609.D

Acq: 2 Jul 2016 8:25

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 99212

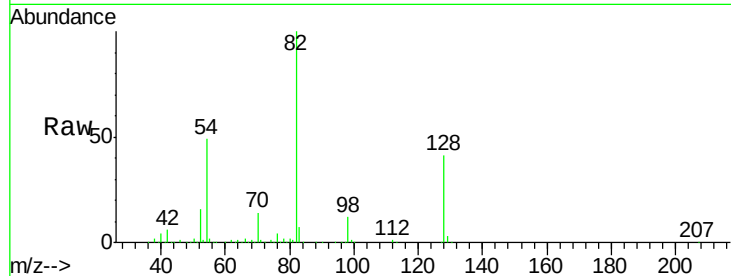
Ion Ratio Lower Upper

70 100

42 45.3 49.6 74.4#

101 0.0 7.1 10.7#

130 1.9 15.4 23.2#

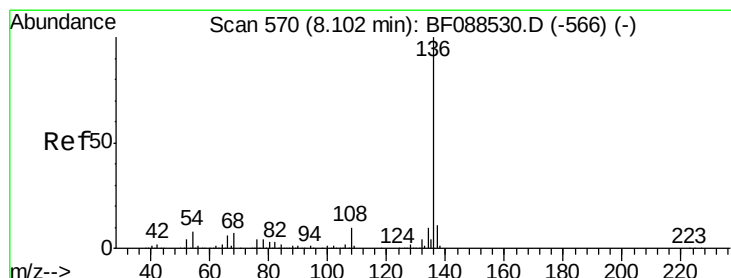
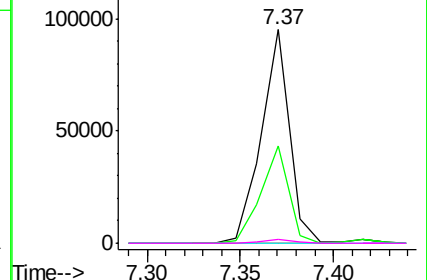
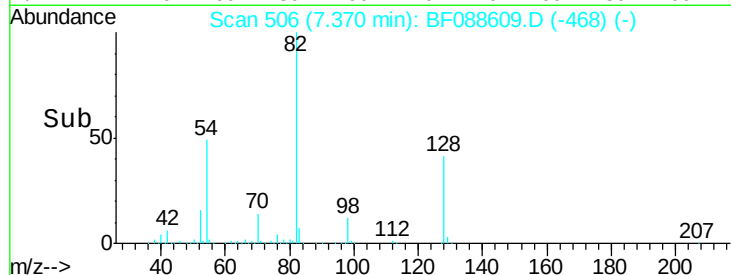


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088609.D

Acq: 2 Jul 2016 8:25

Tgt Ion:136 Resp: 440979

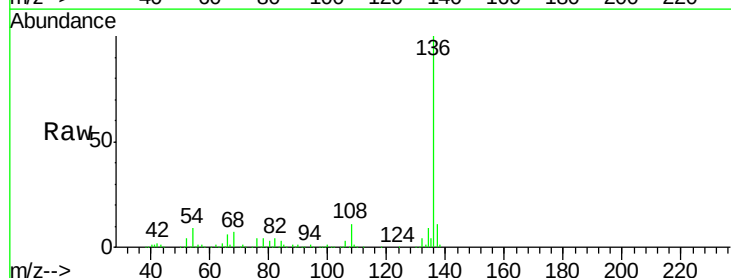
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.6 6.6 10.0

68 7.2 5.1 7.7

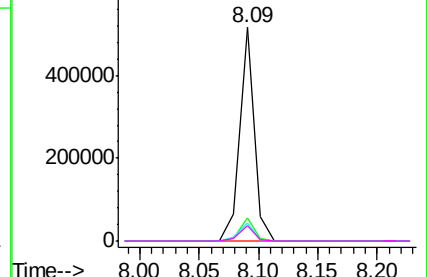
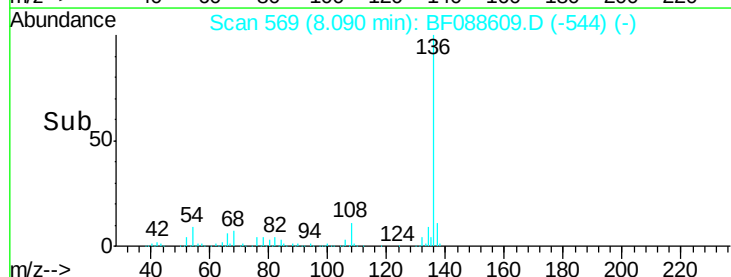


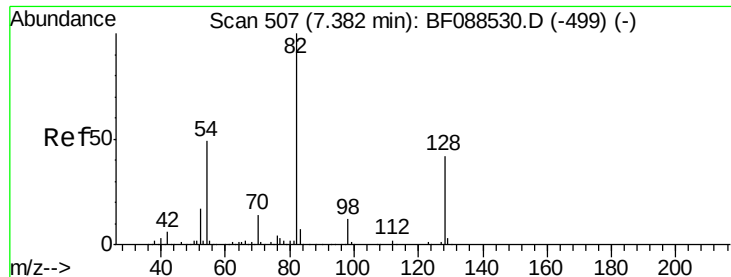
Abundance Ion 136.00 (135.70 to 136.70): E

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

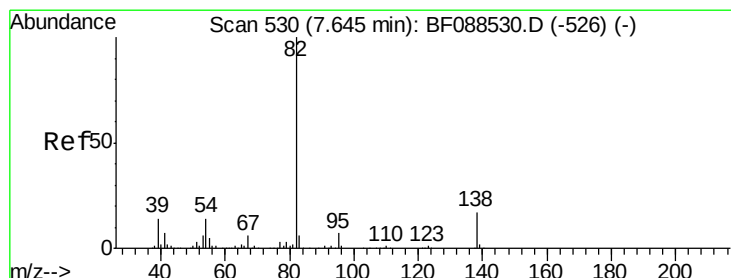
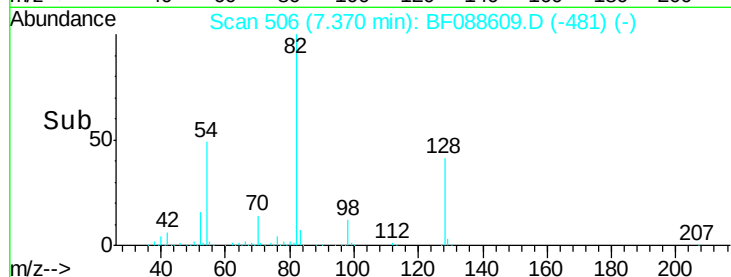
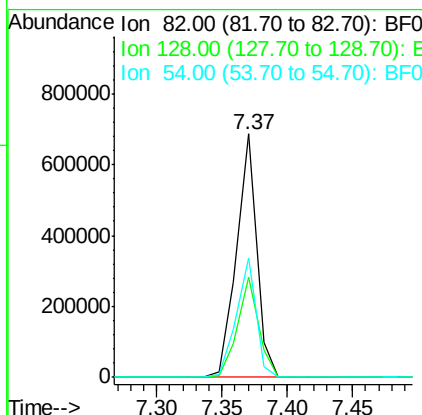
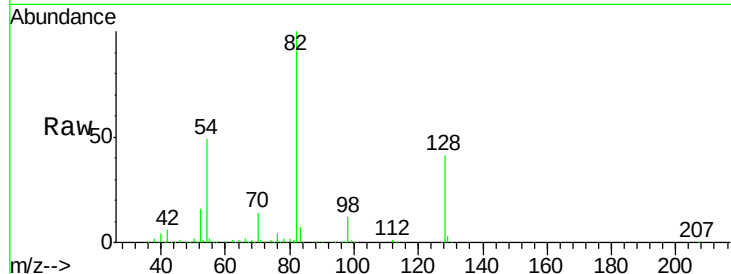




#23
 Nitrobenzene-d5
 Concen: 87.49 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF088609.D
 Acq: 2 Jul 2016 8:25

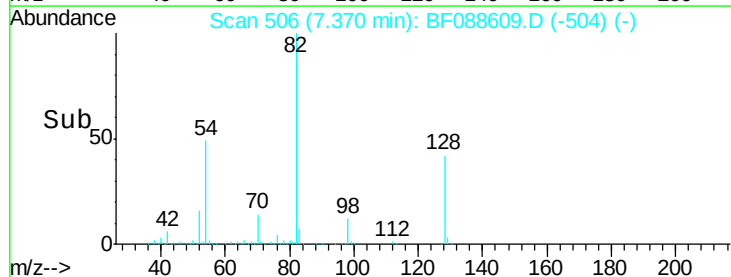
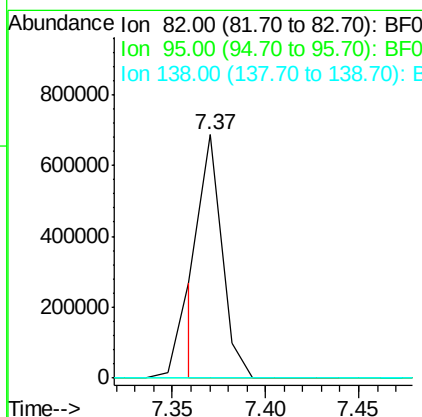
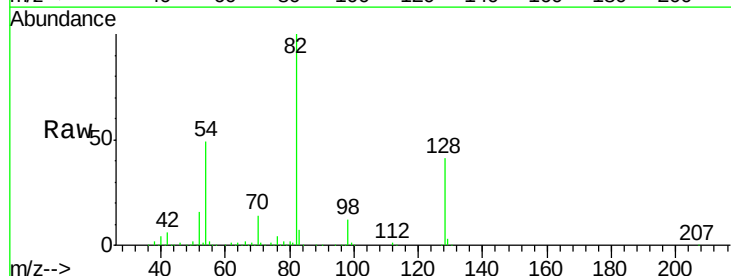
Instrument :
 BNA_F
 ClientSampleId :

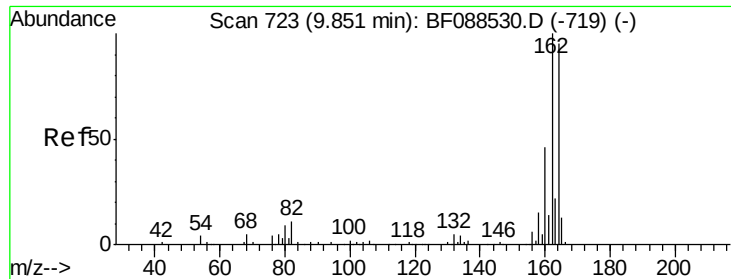
Tot Ion	82	Resp	736208
Ion Ratio	Lower	Upper	
82	100		
128	41.2	35.9	53.9
54	49.3	40.9	61.3



#25
 Isophorone
 Concen: 34.62 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.27 min
 Lab File: BF088609.D
 Acq: 2 Jul 2016 8:25

Tgt Ion	82	Resp	539682
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088609.D

Acq: 2 Jul 2016 8:25

Instrument :

BNA_F

ClientSampleId :

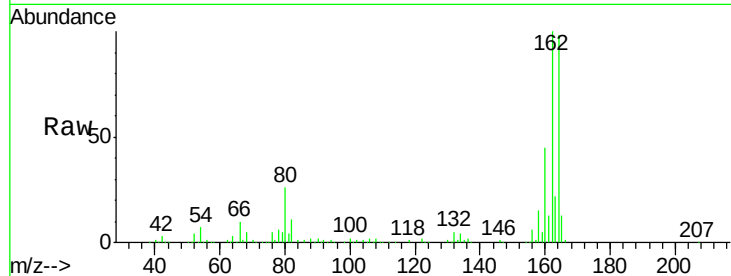
Tot Ion:164 Resp: 186101

Ion Ratio Lower Upper

164 100

162 102.3 85.4 128.2

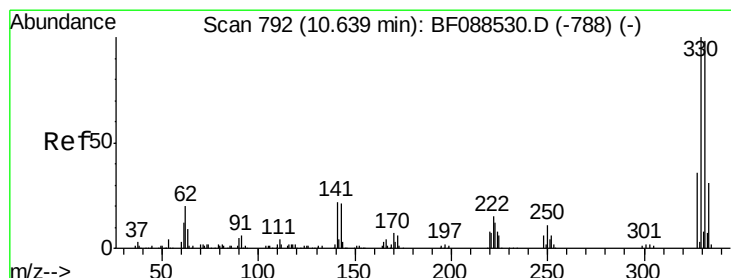
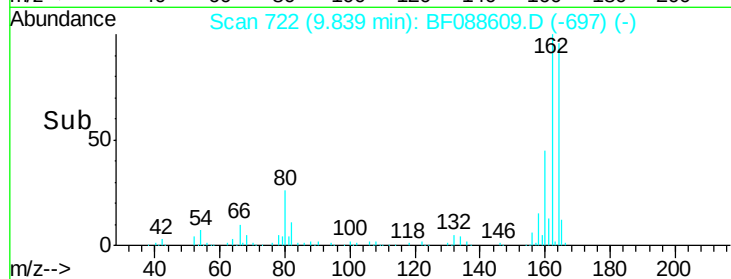
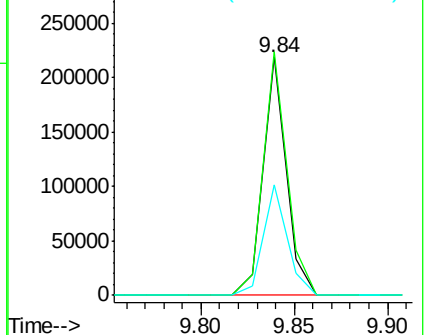
160 46.4 39.5 59.3



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: 125.81 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF088609.D

Acq: 2 Jul 2016 8:25

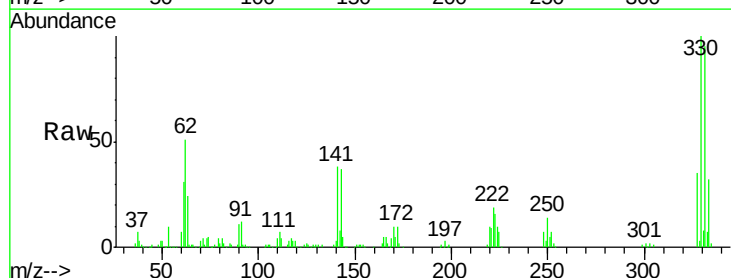
Tgt Ion:330 Resp: 217416

Ion Ratio Lower Upper

330 100

332 95.7 0.0 0.0#

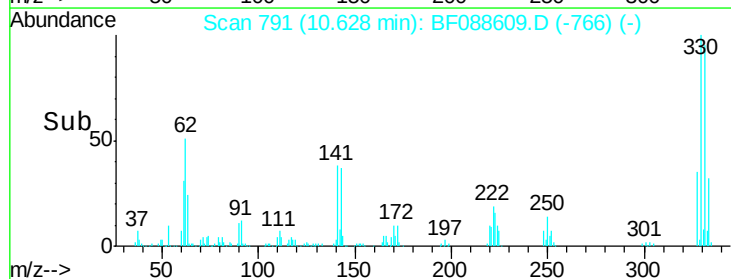
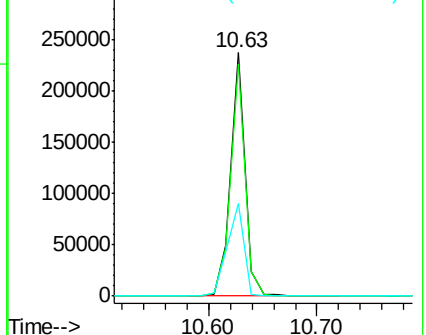
141 43.8 0.0 0.0#

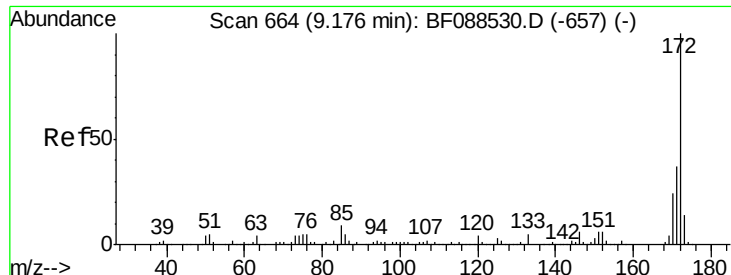


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

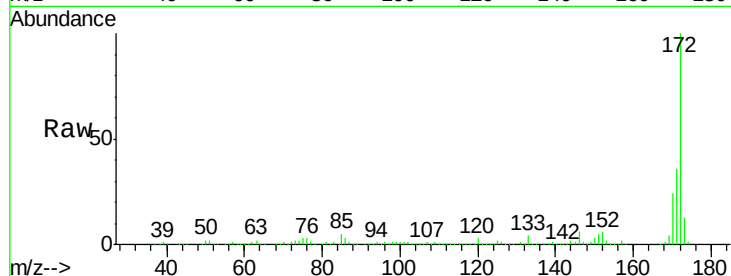




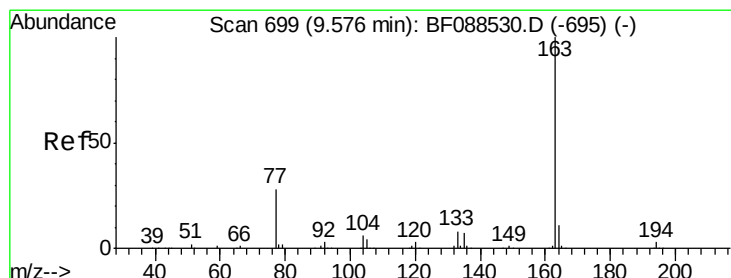
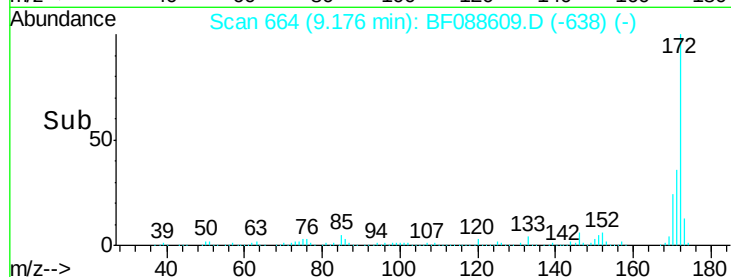
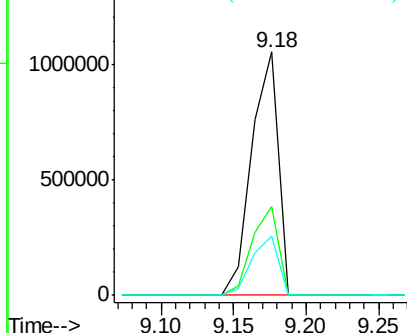
#44
2-Fluorobiphenyl
Concen: 113.10 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF088609.D
Acq: 2 Jul 2016 8:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1332471
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.2 19.2 28.8

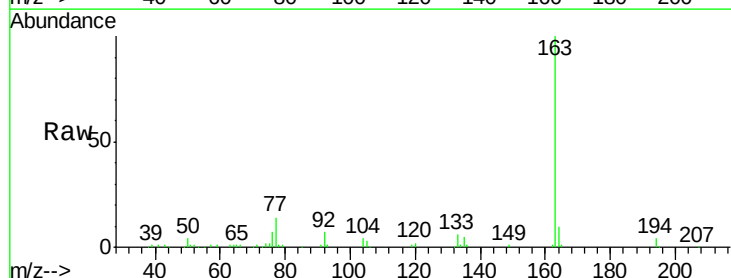


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

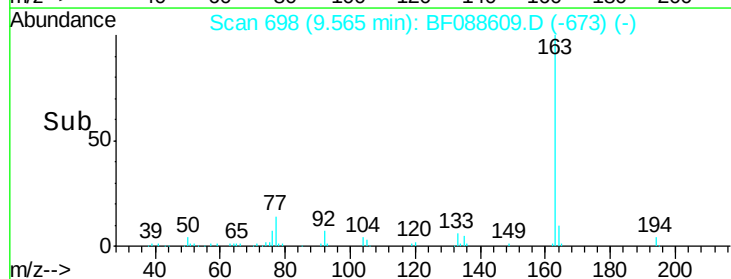
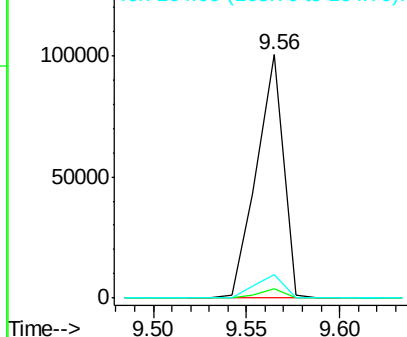


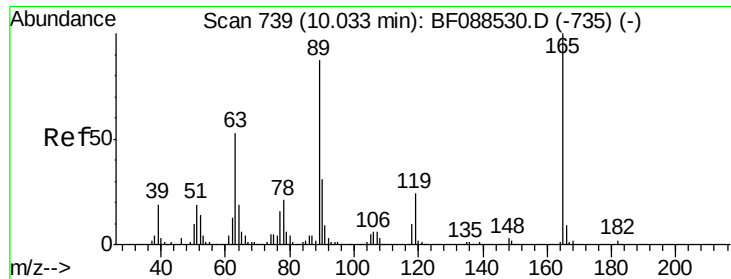
#49
Dimethylphthalate
Concen: 7.54 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088609.D
Acq: 2 Jul 2016 8:25

Tgt Ion:163 Resp: 99906
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.6 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

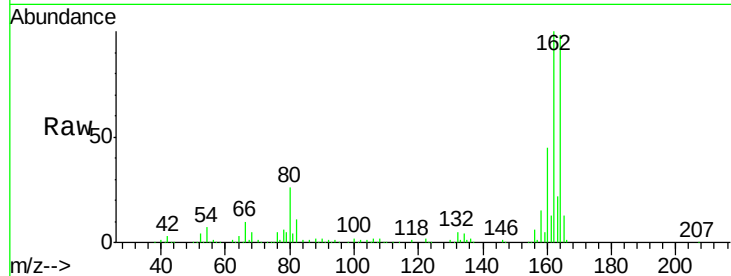




#56
 2,4-Dinitrotoluene
 Concen: 6.27 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.19 min
 Lab File: BF088609.D
 Acq: 2 Jul 2016 8:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	1.9	41.1	61.7#
182	0.0	2.0	3.0#

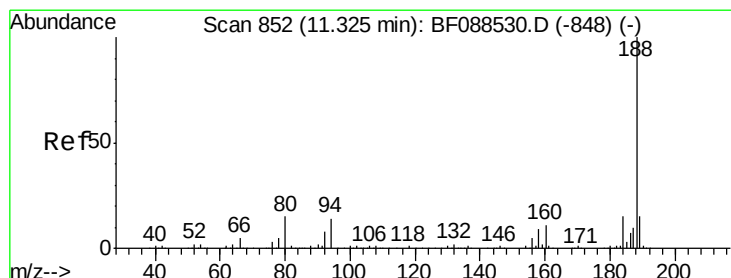
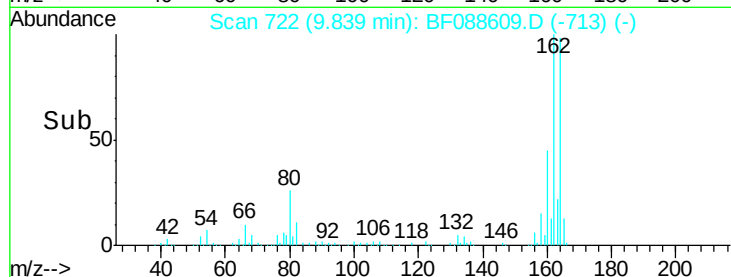
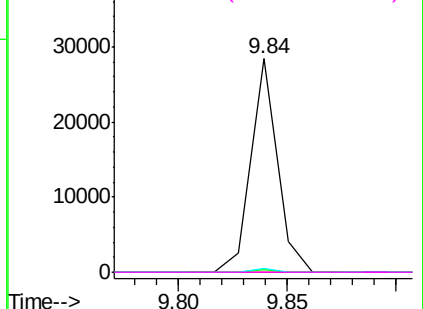


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

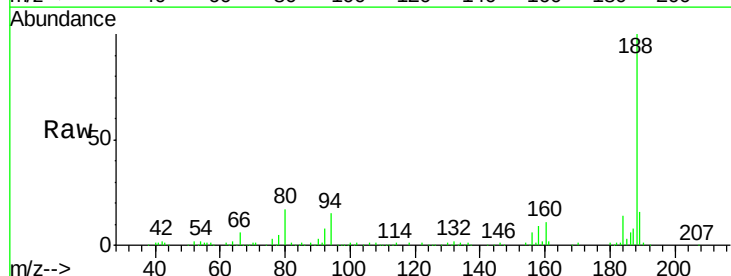
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BF088609.D
 Acq: 2 Jul 2016 8:25

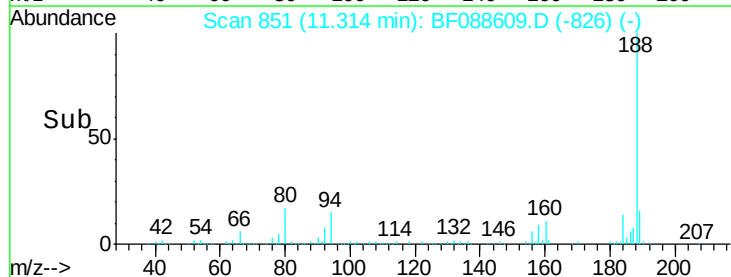
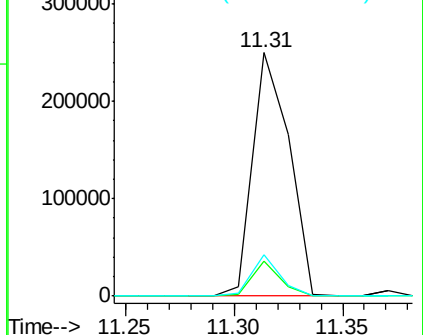
Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.6	9.0	13.6#
80	17.0	10.0	15.0#

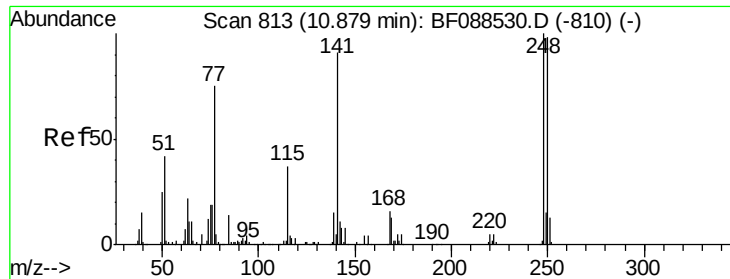


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

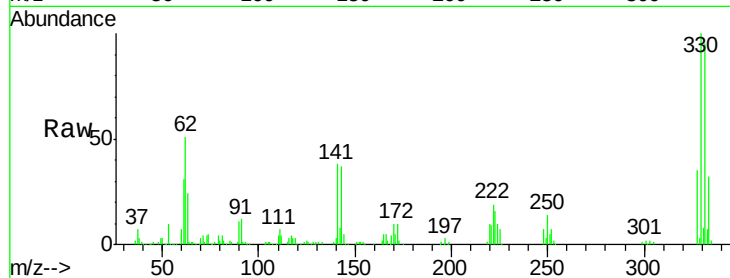




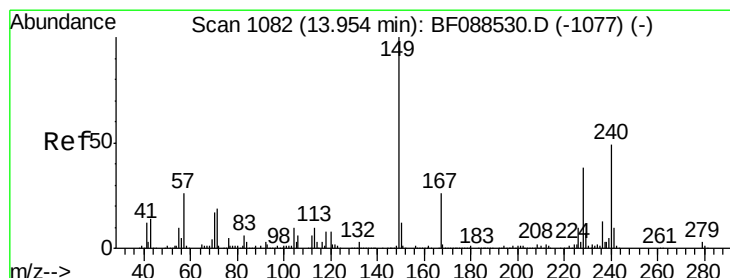
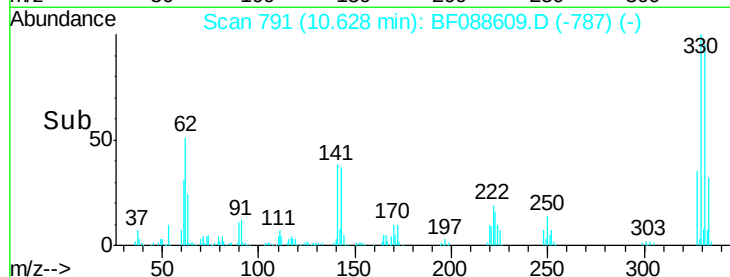
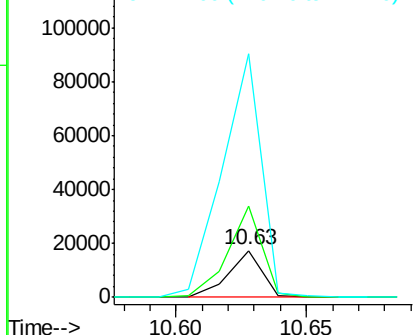
#66
 4-Bromophenyl-phenylether
 Concen: 5.25 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.25 min
 Lab File: BF088609.D
 Acq: 2 Jul 2016 8:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 15516
 Ion Ratio Lower Upper
 248 100
 250 195.8 77.1 115.7#
 141 523.7 50.6 76.0#

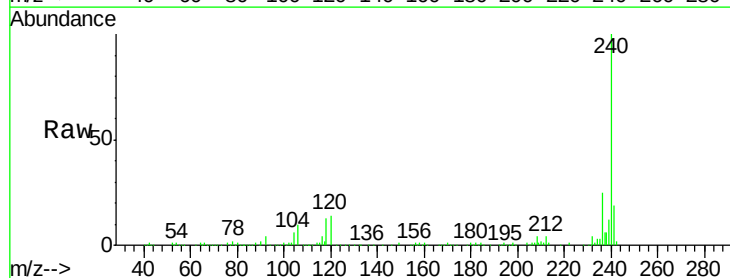


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

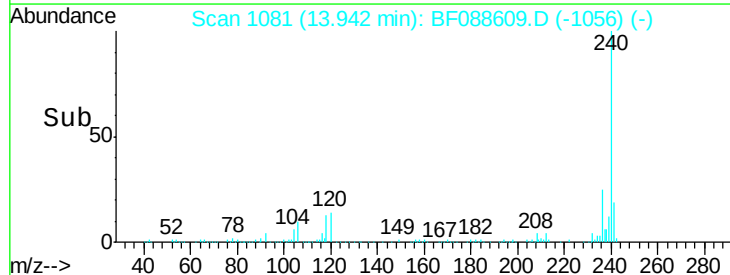
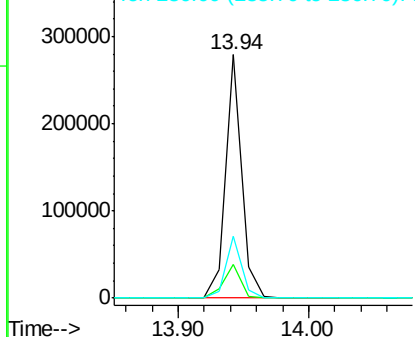


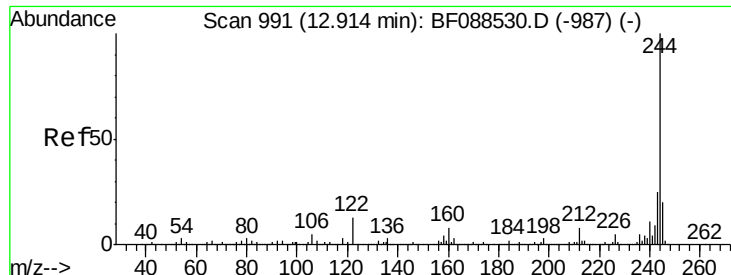
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF088609.D
 Acq: 2 Jul 2016 8:25

Tgt Ion:240 Resp: 241114
 Ion Ratio Lower Upper
 240 100
 120 13.8 6.8 10.2#
 236 25.3 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

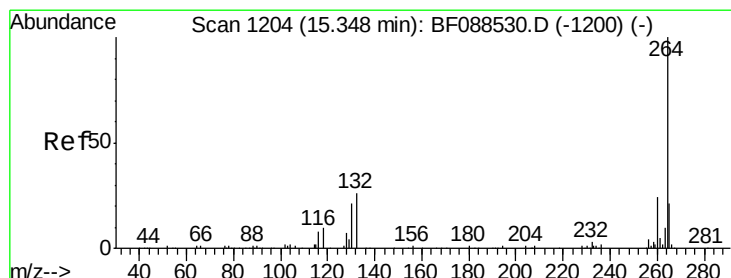
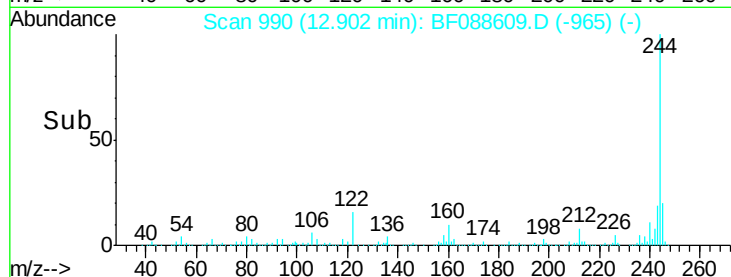
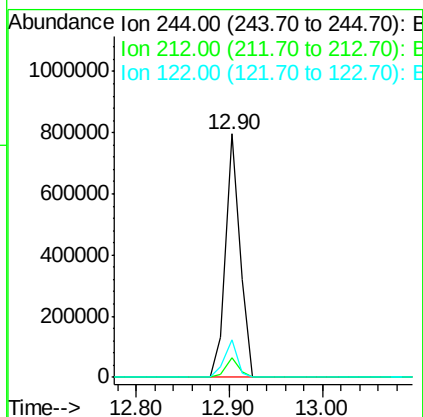
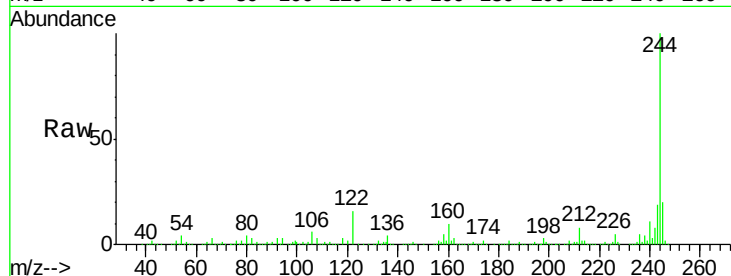




#78
 Terphenyl-d14
 Concen: 79.60 ng
 RT: 12.90 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF088609.D
 Acq: 2 Jul 2016 8:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 861684
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.0 9.0
 122 15.7 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: BF088609.D
 Acq: 2 Jul 2016 8:25

Tgt Ion:264 Resp: 192544
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 20.8 16.9 25.3

