

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070116\
 Data File : BF088608.D
 Acq On : 2 Jul 2016 7:56
 Operator : UM/SJ
 Sample : H3831-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 07:23:57 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

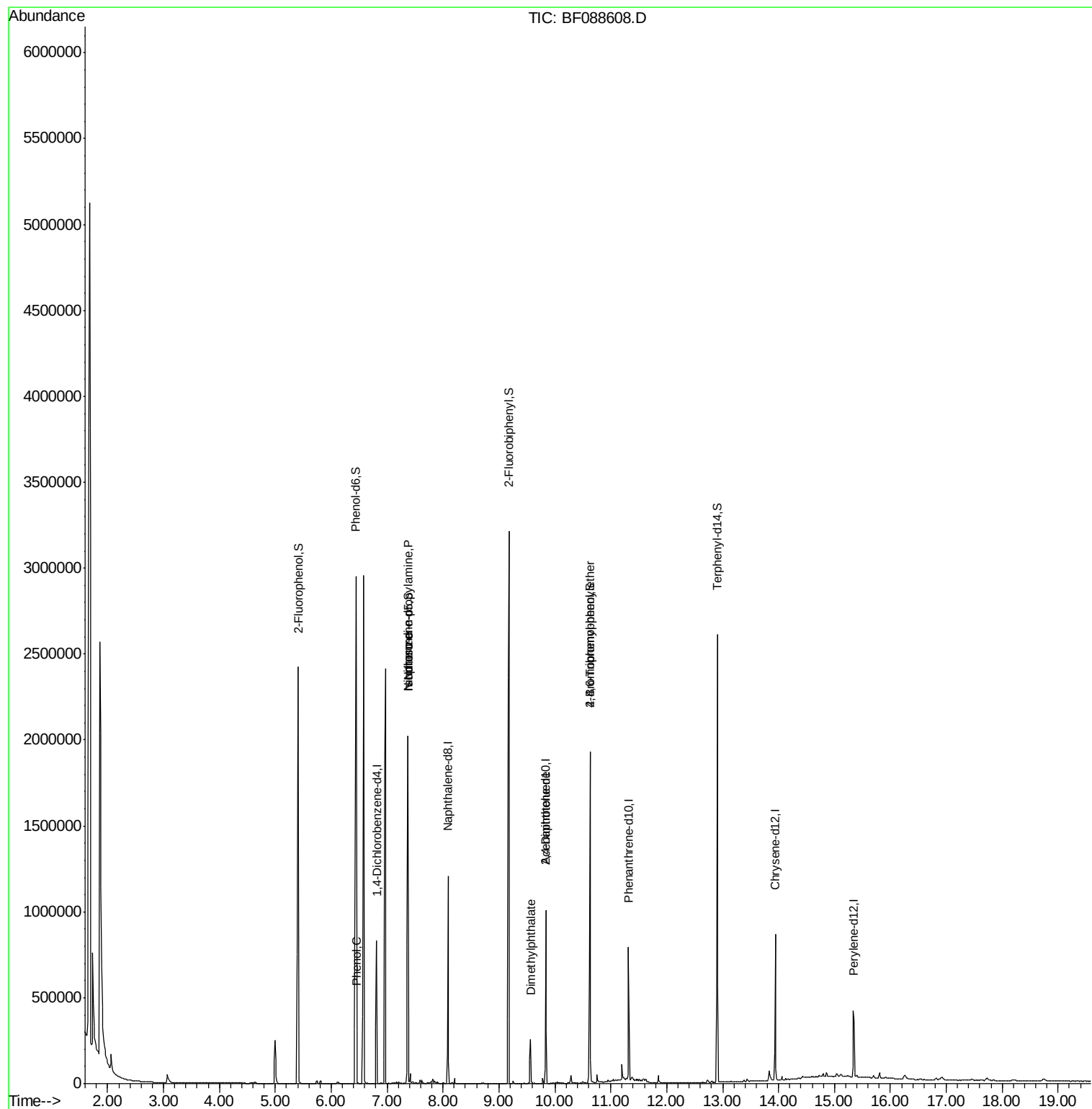
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	131560	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	486390	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	194342	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	310661	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	253863	20.00	ng	-0.01
86) Perylene-d12	15.35	264	198580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1123309	127.96	ng	0.01
7) Phenol-d6	6.44	99	1221655	107.70	ng	0.00
23) Nitrobenzene-d5	7.37	82	783540	84.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	208871	115.74	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1369825	111.34	ng	0.00
78) Terphenyl-d14	12.90	244	791135	69.41	ng	-0.01
Target Compounds						
10) Phenol	6.46	94	43491	3.36	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.37	70	106702	14.00	ng	# 72
25) Isophorone	7.37	82	570200	33.17	ng	# 65
49) Dimethylphthalate	9.56	163	127972	9.24	ng	98
56) 2,4-Dinitrotoluene	9.84	165	25254	6.29	ng	# 38
66) 4-Bromophenyl-phenylether	10.63	248	15144	4.84	ng	# 1

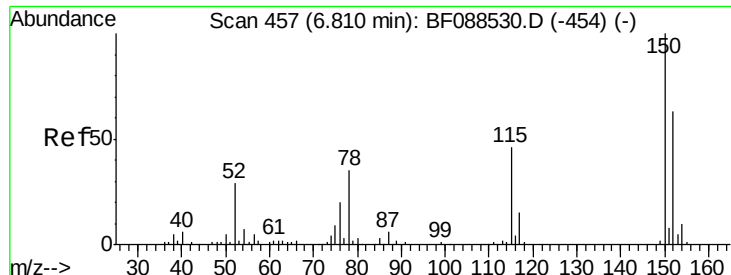
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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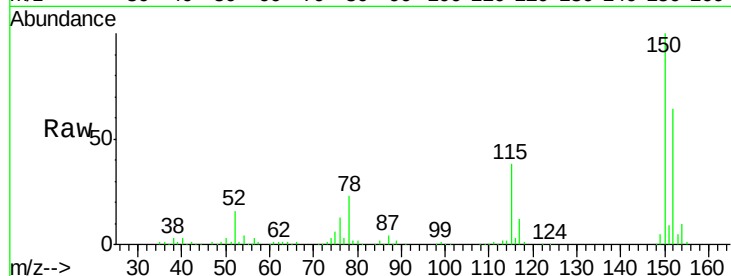


#1

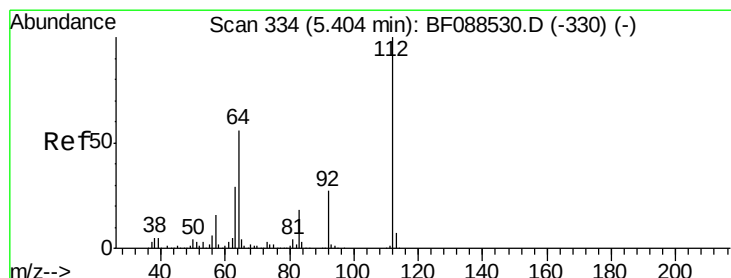
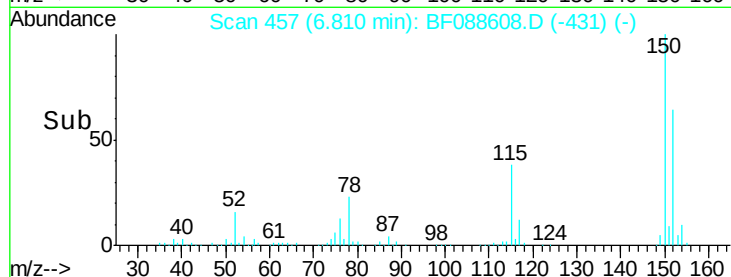
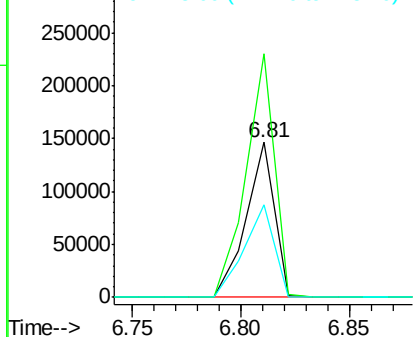
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF088608.D
Acq: 2 Jul 2016 7:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 131560
Ion Ratio Lower Upper
152 100
150 157.0 123.8 185.6
115 59.8 39.6 59.4#



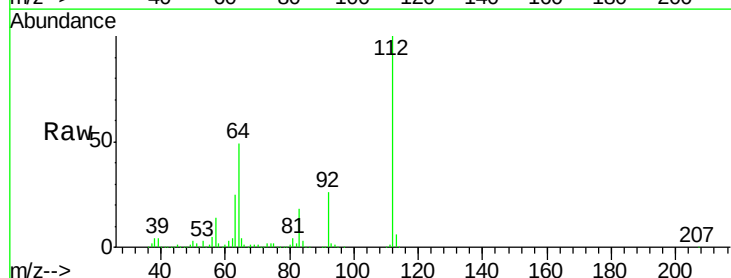
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



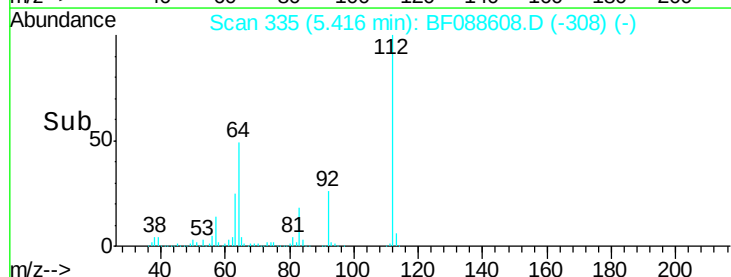
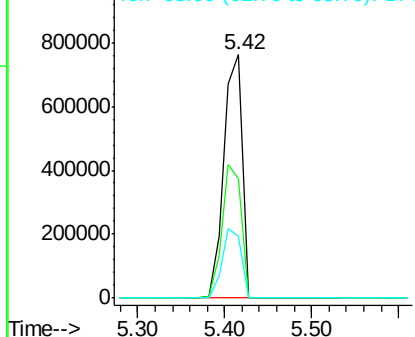
#5

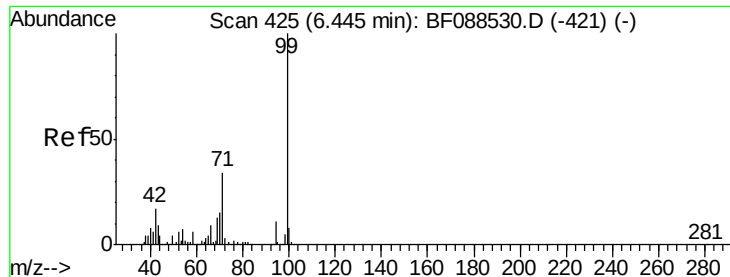
2-Fluorophenol
Concen: 127.96 ng
RT: 5.42 min Scan# 335
Delta R.T. 0.01 min
Lab File: BF088608.D
Acq: 2 Jul 2016 7:56

Tgt Ion:112 Resp: 1123309
Ion Ratio Lower Upper
112 100
64 49.2 42.2 63.2
63 25.3 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: 107.70 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088608.D

Acq: 2 Jul 2016 7:56

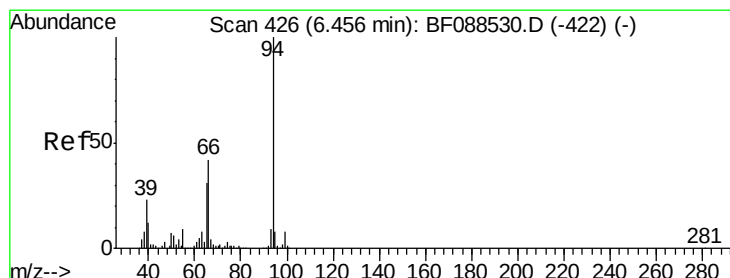
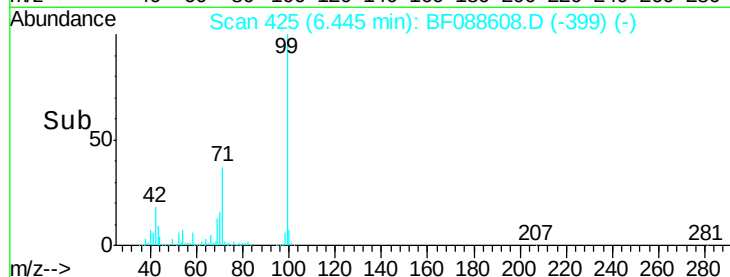
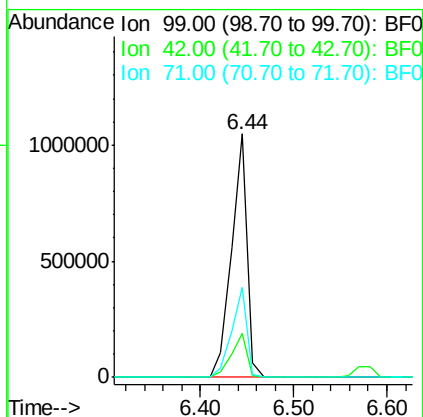
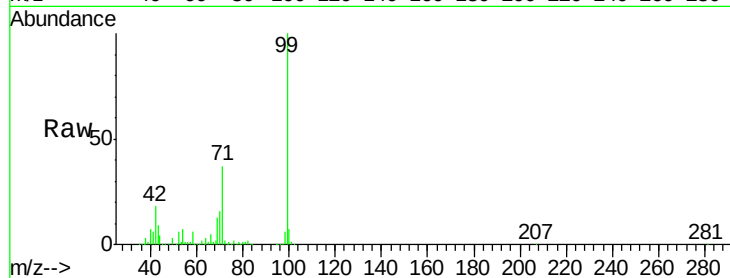
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1221655

Ion	Ratio	Lower	Upper
99	100		
42	18.0	12.2	18.2
71	36.9	23.4	35.0#



#10

Phenol

Concen: 3.36 ng

RT: 6.46 min Scan# 426

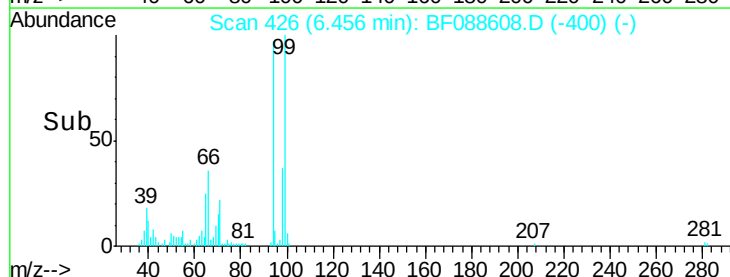
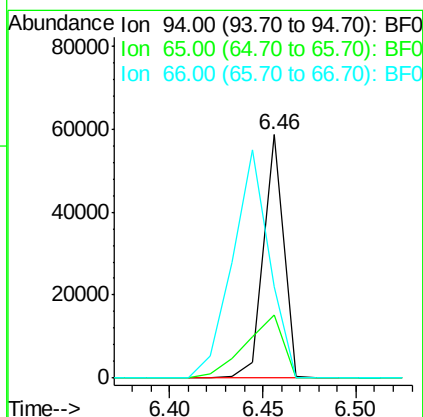
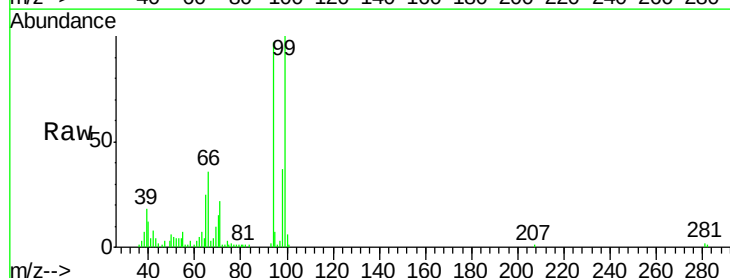
Delta R.T. 0.00 min

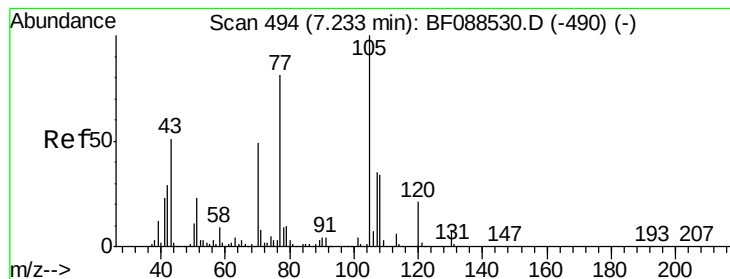
Lab File: BF088608.D

Acq: 2 Jul 2016 7:56

Tgt Ion: 94 Resp: 43491

Ion	Ratio	Lower	Upper
94	100		
65	25.9	5.9	45.9
66	37.3	14.0	54.0





#19

n-Nitroso-di-n-propylamine

Concen: 14.00 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.14 min

Lab File: BF088608.D

Acq: 2 Jul 2016 7:56

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 106702

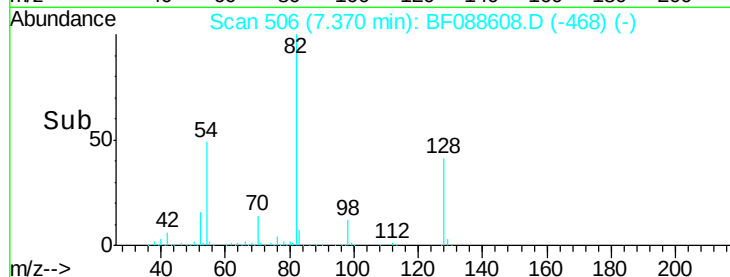
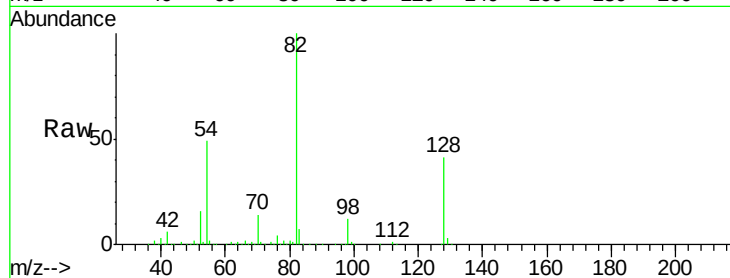
Ion Ratio Lower Upper

70 100

42 43.0 49.6 74.4#

101 0.0 7.1 10.7#

130 1.8 15.4 23.2#

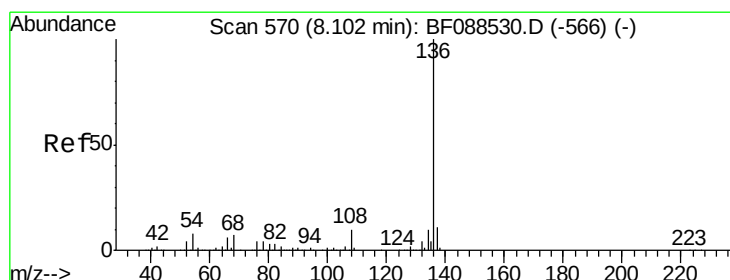
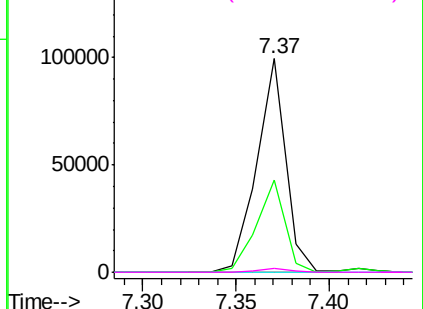


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF088608.D

Acq: 2 Jul 2016 7:56

Tgt Ion:136 Resp: 486390

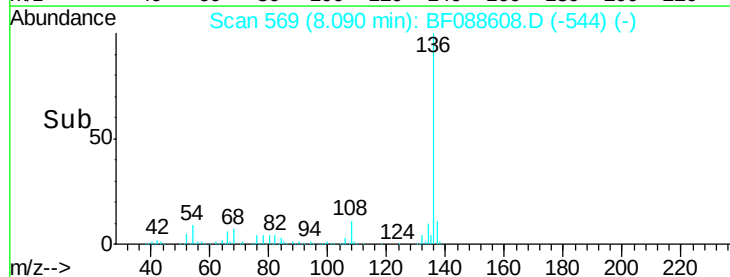
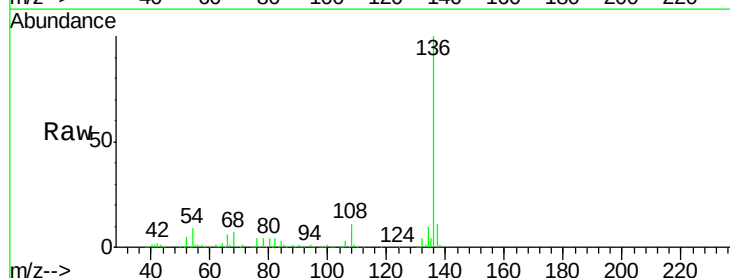
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.7 6.6 10.0

68 7.4 5.1 7.7

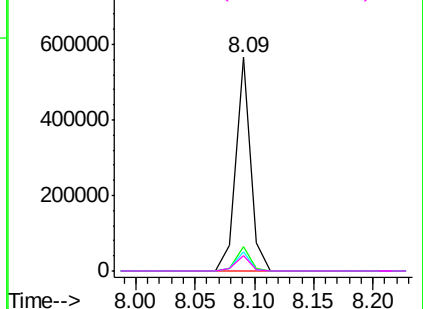


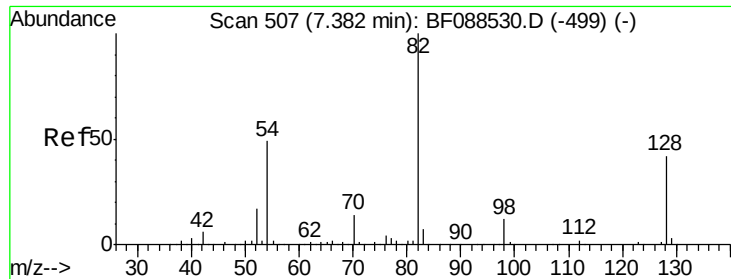
Abundance Ion 136.00 (135.70 to 136.70): E

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

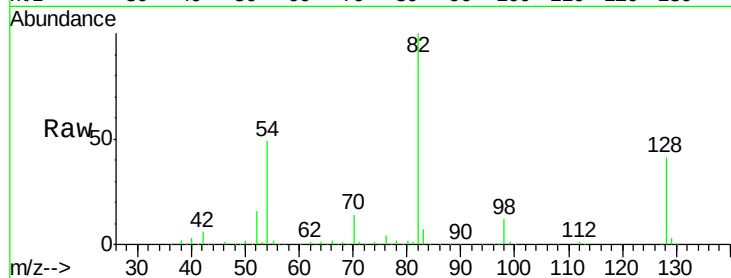




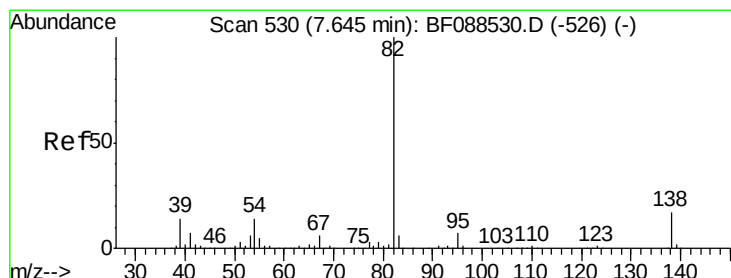
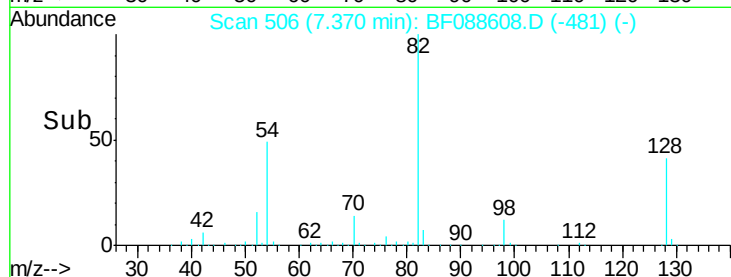
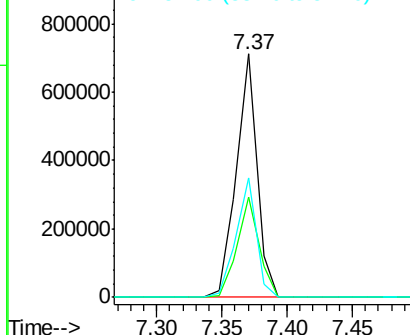
#23
 Nitrobenzene-d5
 Concen: 84.42 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF088608.D
 Acq: 2 Jul 2016 7:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	783540
Ion Ratio	100	Lower	Upper
128	41.3	35.9	53.9
54	49.1	40.9	61.3

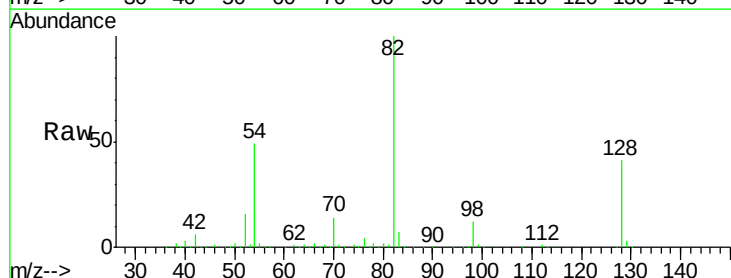


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

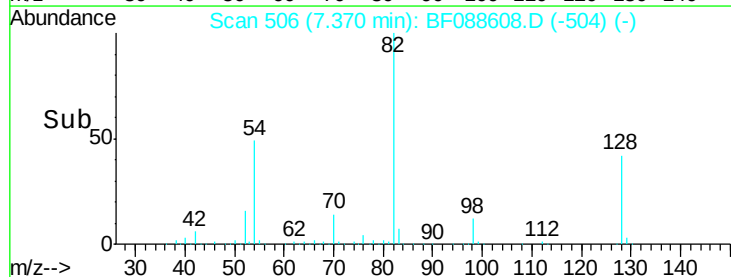
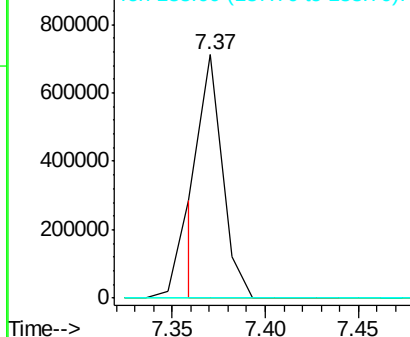


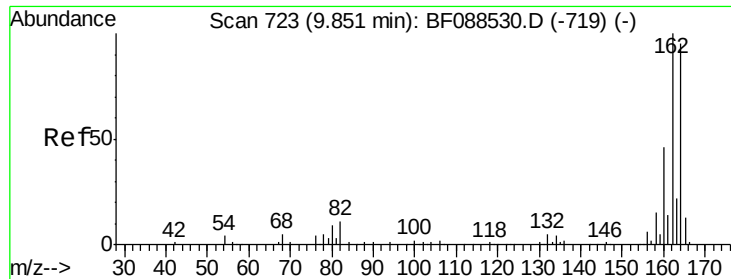
#25
 Isophorone
 Concen: 33.17 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.27 min
 Lab File: BF088608.D
 Acq: 2 Jul 2016 7:56

Tgt Ion	82	Resp	570200
Ion Ratio	100	Lower	Upper
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: BF088608.D

Acq: 2 Jul 2016 7:56

Instrument :

BNA_F

ClientSampleId :

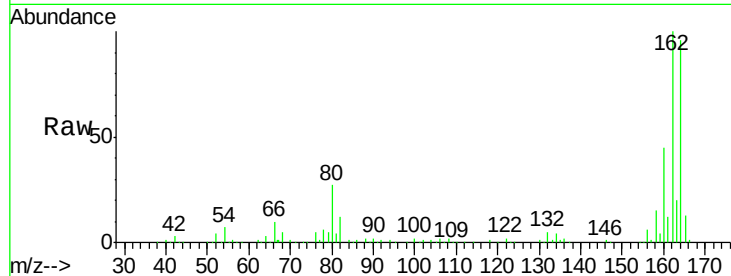
Tot Ion:164 Resp: 194342

Ion Ratio Lower Upper

164 100

162 104.5 85.4 128.2

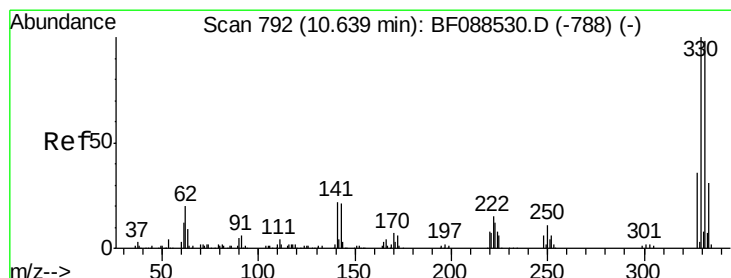
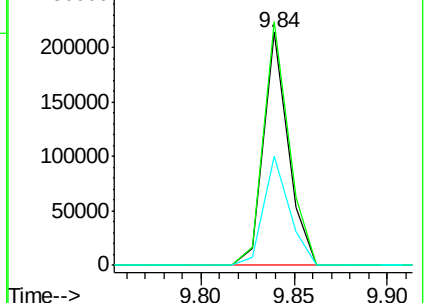
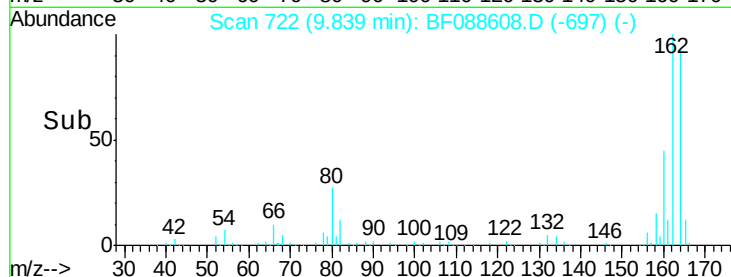
160 46.6 39.5 59.3



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: 115.74 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF088608.D

Acq: 2 Jul 2016 7:56

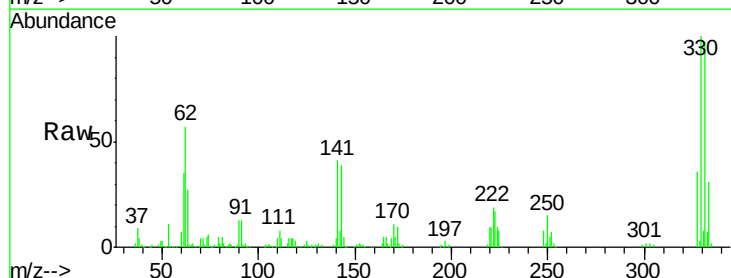
Tgt Ion:330 Resp: 208871

Ion Ratio Lower Upper

330 100

332 97.0 0.0 0.0#

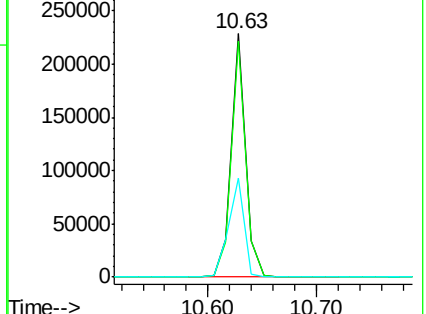
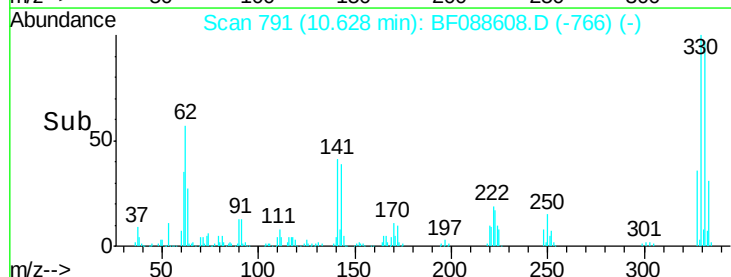
141 44.0 0.0 0.0#

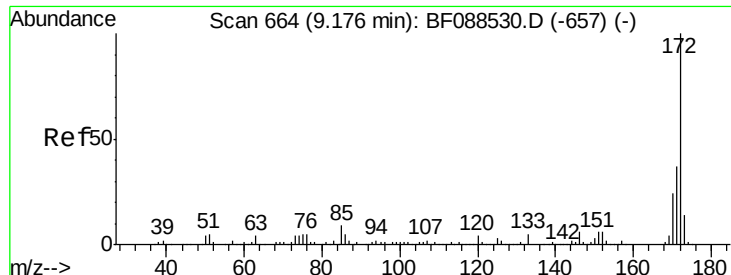


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

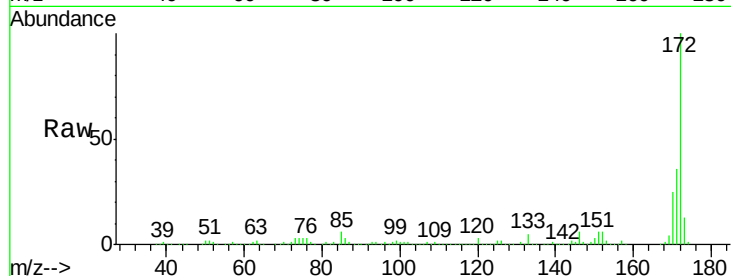




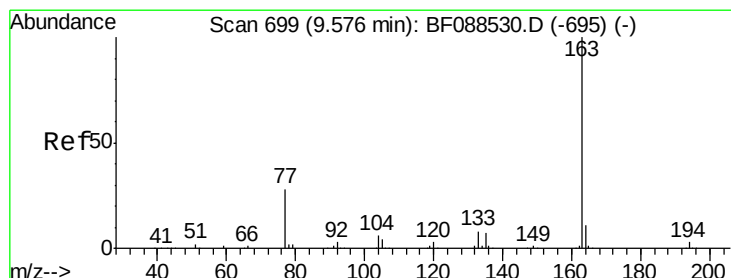
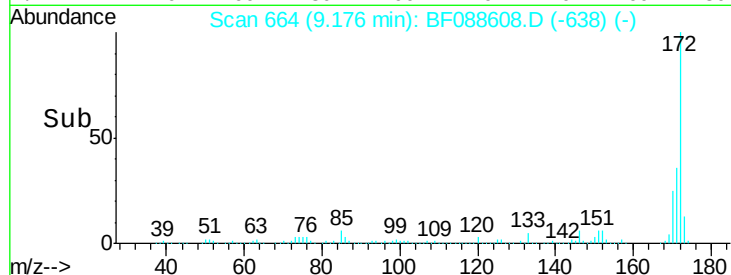
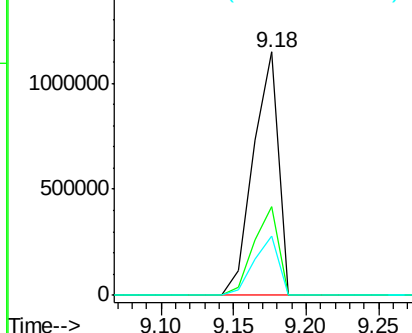
#44
2-Fluorobiphenyl
Concen: 111.34 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF088608.D
Acq: 2 Jul 2016 7:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1369825
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.6 19.2 28.8

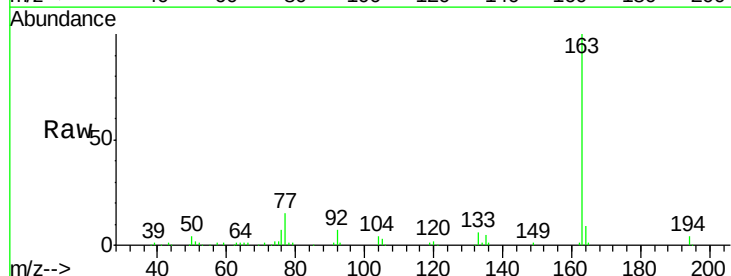


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

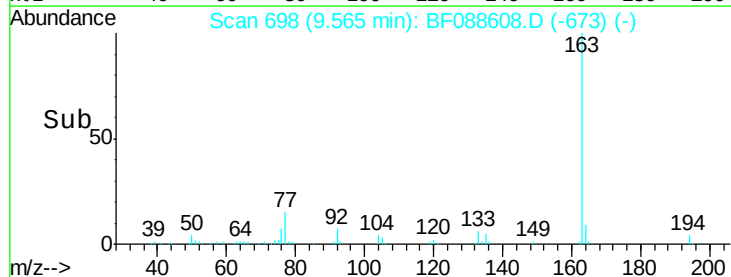
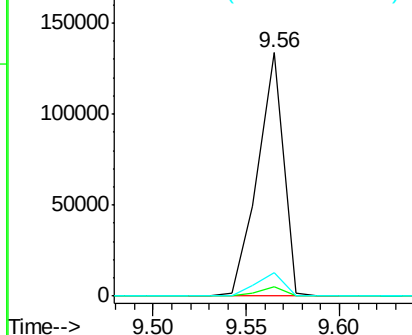


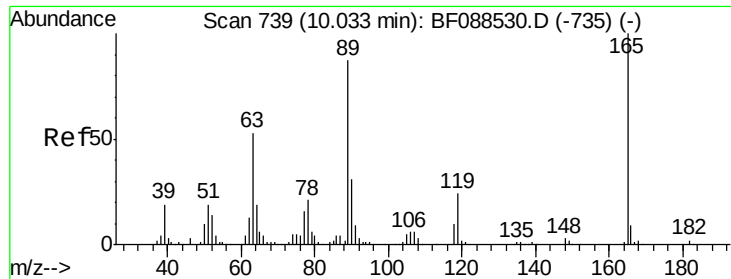
#49
Dimethylphthalate
Concen: 9.24 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088608.D
Acq: 2 Jul 2016 7:56

Tgt Ion:163 Resp: 127972
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.4 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: 6.29 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.19 min

Lab File: BF088608.D

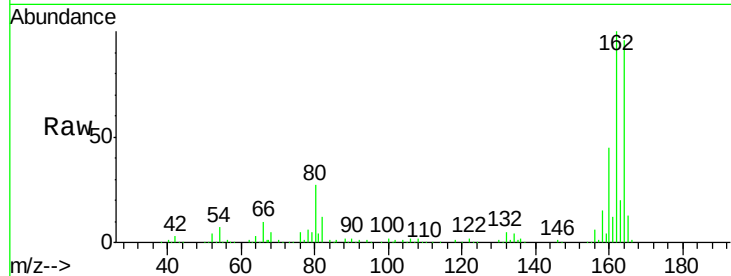
Acq: 2 Jul 2016 7:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	25254
Ion Ratio	Lower	Upper
165	100	
63	1.4	22.0 33.0#
89	2.0	41.1 61.7#
182	0.0	2.0 3.0#

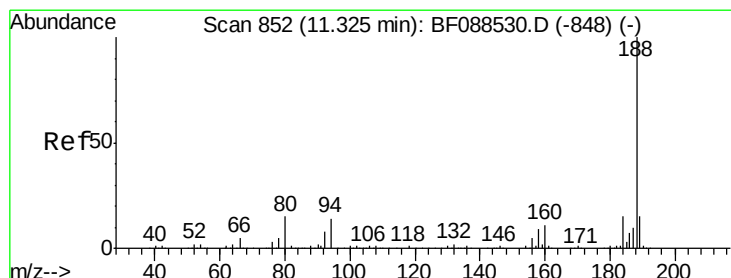
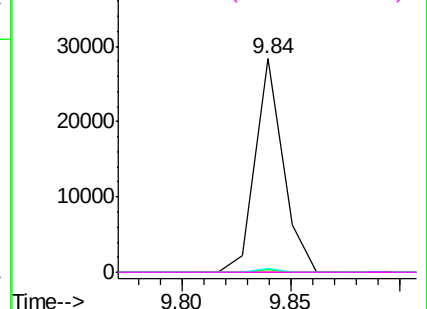
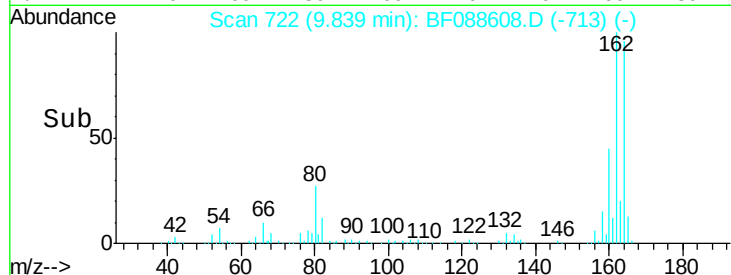


Abundance Ion 165.00 (164.70 to 165.70): E

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

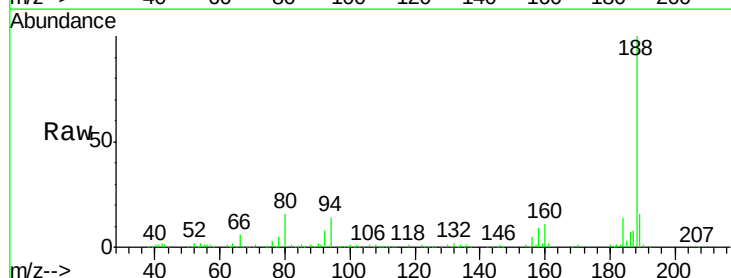
RT: 11.31 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF088608.D

Acq: 2 Jul 2016 7:56

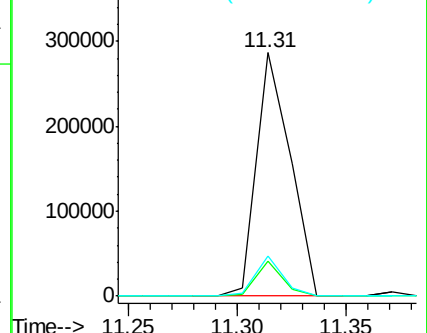
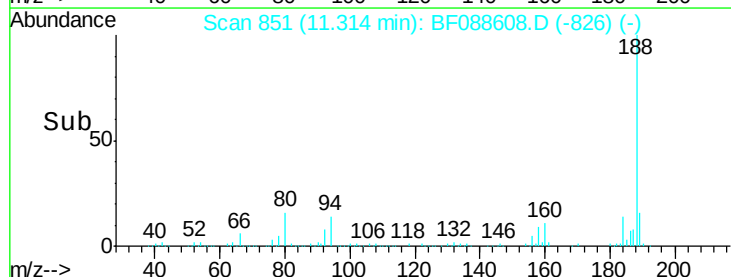
Tgt Ion:188	Resp:	310661
Ion Ratio	Lower	Upper
188	100	
94	14.4	9.0 13.6#
80	16.4	10.0 15.0#

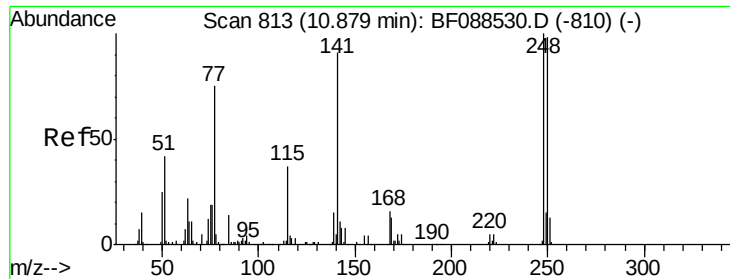


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

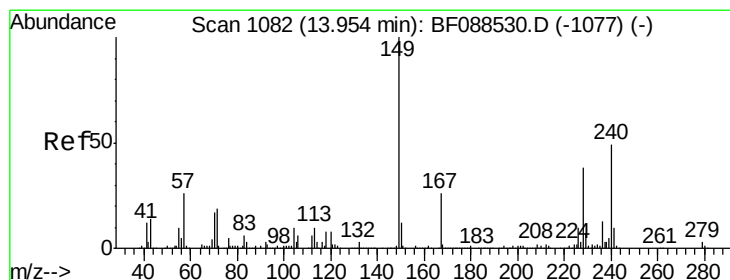
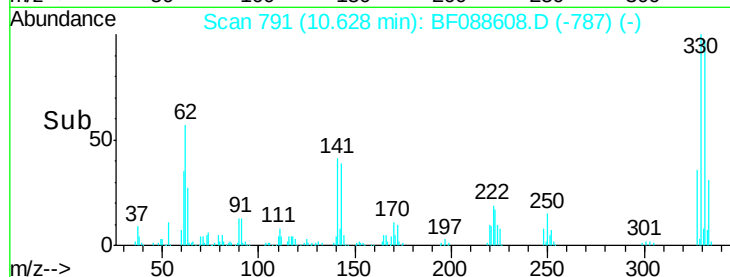
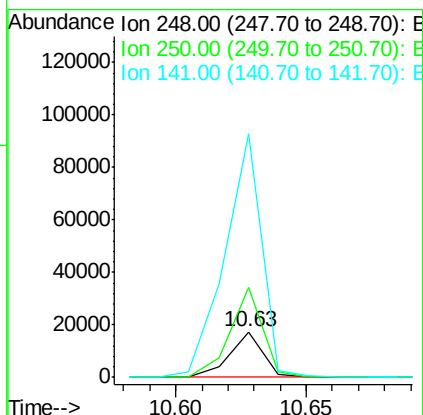
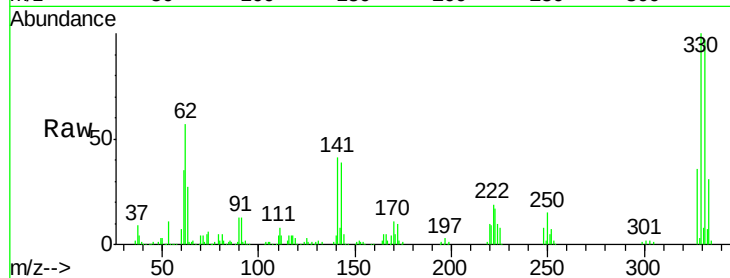




#66
 4-Bromophenyl-phenylether
 Concen: 4.84 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.25 min
 Lab File: BF088608.D
 Acq: 2 Jul 2016 7:56

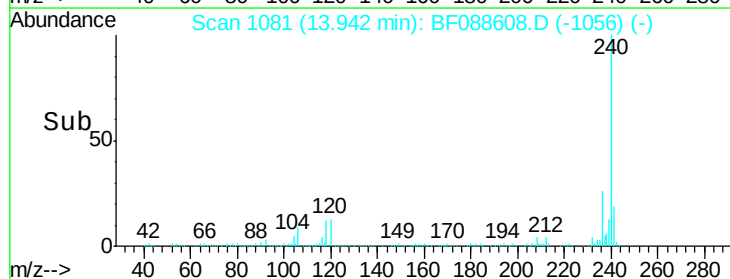
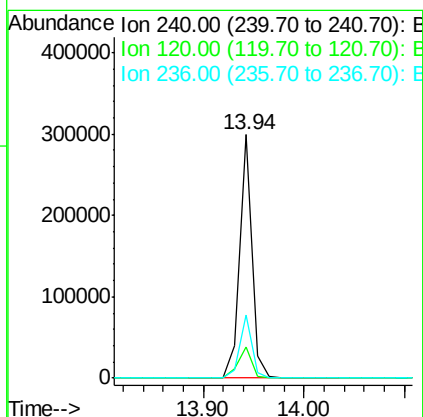
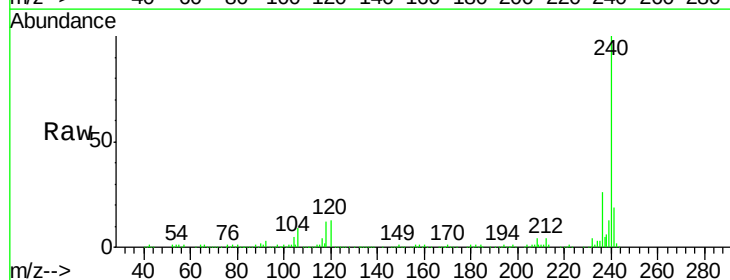
Instrument :
 BNA_F
 ClientSampleId :

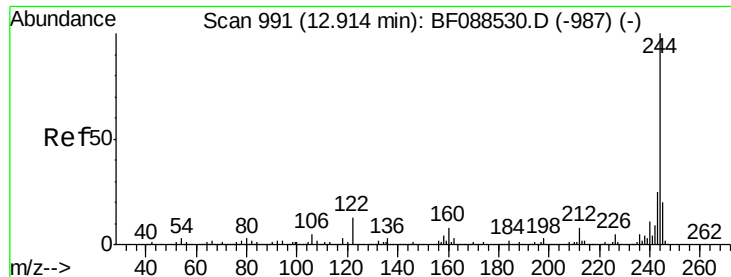
Tot Ion:248 Resp: 15144
 Ion Ratio Lower Upper
 248 100
 250 198.0 77.1 115.7#
 141 537.3 50.6 76.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF088608.D
 Acq: 2 Jul 2016 7:56

Tgt Ion:240 Resp: 253863
 Ion Ratio Lower Upper
 240 100
 120 12.8 6.8 10.2#
 236 25.7 20.2 30.2





#78

Terphenyl-d14

Concen: 69.41 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF088608.D

Acq: 2 Jul 2016 7:56

Instrument :

BNA_F

ClientSampleId :

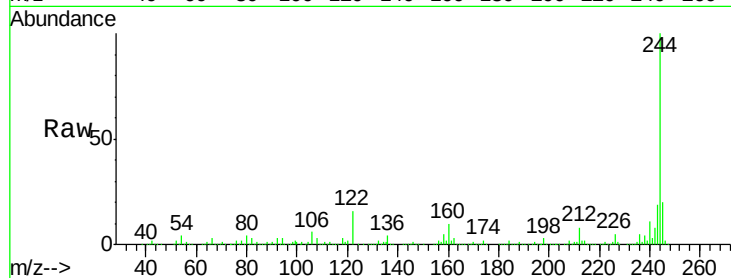
Tot Ion:244 Resp: 791135

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

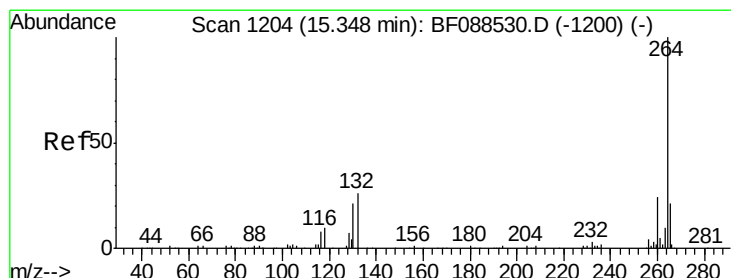
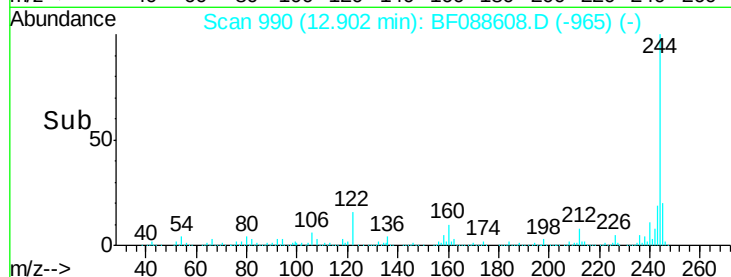
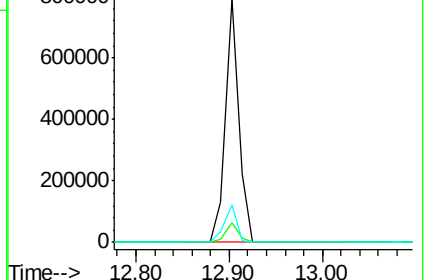
122 15.5 11.2 16.8



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.35 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF088608.D

Acq: 2 Jul 2016 7:56

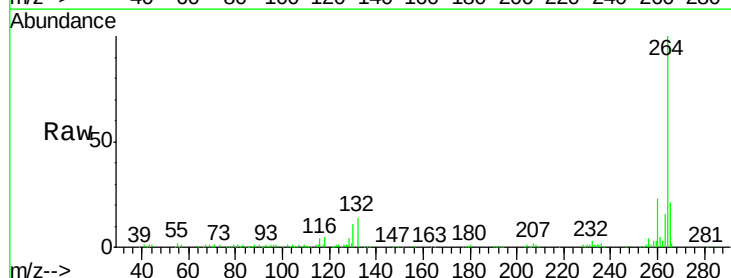
Tgt Ion:264 Resp: 198580

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.1 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

