

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070116\
 Data File : BF088605.D
 Acq On : 2 Jul 2016 6:28
 Operator : UM/SJ
 Sample : H3831-10
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 07:11:26 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

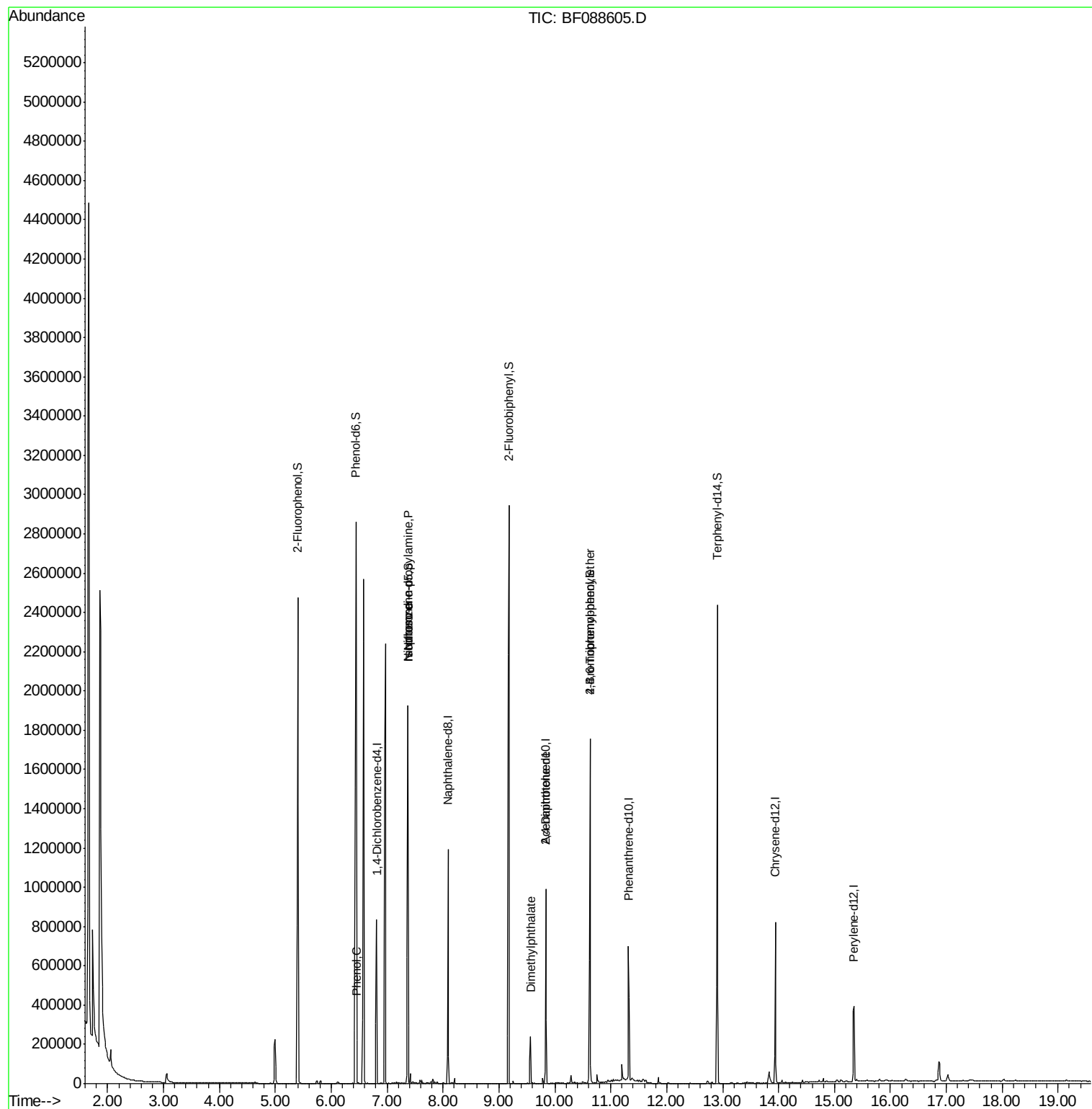
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	132061	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	473363	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	192222	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	303792	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	252922	20.00	ng	-0.01
86) Perylene-d12	15.35	264	207308	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	972601	110.38	ng	0.00
7) Phenol-d6	6.44	99	1155585	101.49	ng	0.00
23) Nitrobenzene-d5	7.37	82	700834	77.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	191782	107.44	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1245084	102.31	ng	0.00
78) Terphenyl-d14	12.90	244	738901	65.07	ng	-0.01
Target Compounds						
10) Phenol	6.46	94	37340	2.87	ng	Qvalue 99
19) n-Nitroso-di-n-propylamine	7.37	70	95462	12.48	ng	# 73
25) Isophorone	7.37	82	534775	31.96	ng	# 65
49) Dimethylphthalate	9.56	163	113622	8.30	ng	97
56) 2,4-Dinitrotoluene	9.84	165	24445	6.16	ng	# 38
66) 4-Bromophenyl-phenylether	10.63	248	13708	4.48	ng	# 1

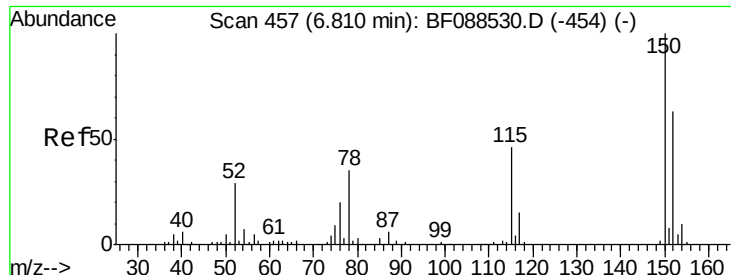
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088605.D

Acq: 2 Jul 2016 6:28

Instrument :

BNA_F

ClientSampleId :

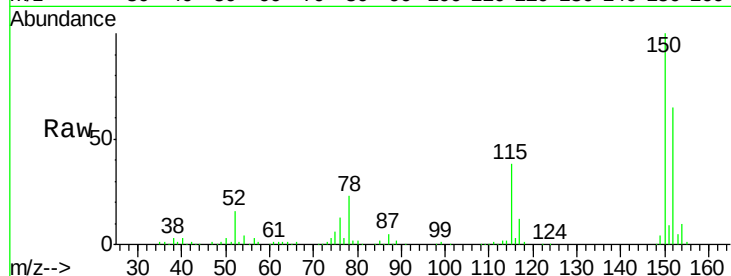
Tot Ion:152 Resp: 132061

Ion Ratio Lower Upper

152 100

150 154.3 123.8 185.6

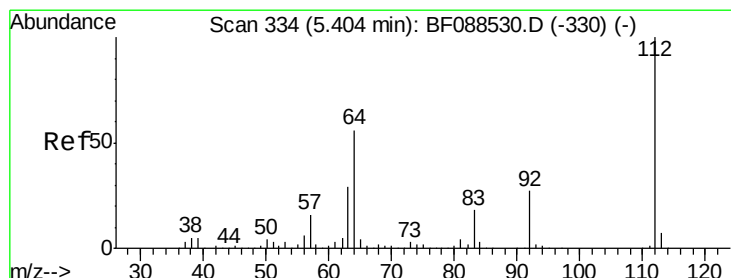
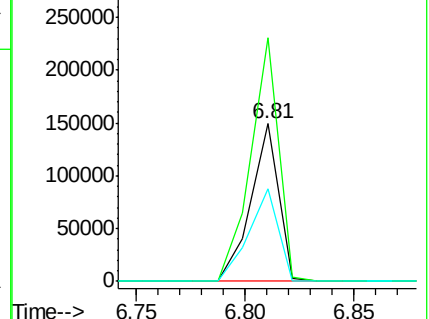
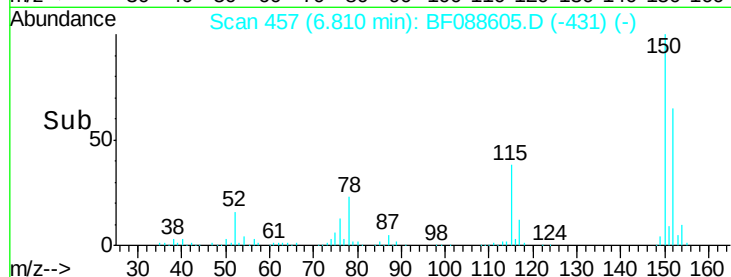
115 58.8 39.6 59.4



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: 110.38 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.00 min

Lab File: BF088605.D

Acq: 2 Jul 2016 6:28

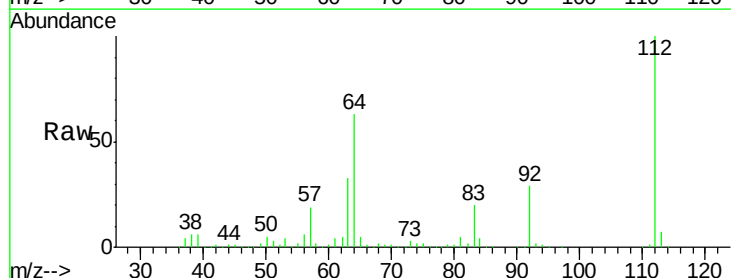
Tgt Ion:112 Resp: 972601

Ion Ratio Lower Upper

112 100

64 62.8 42.2 63.2

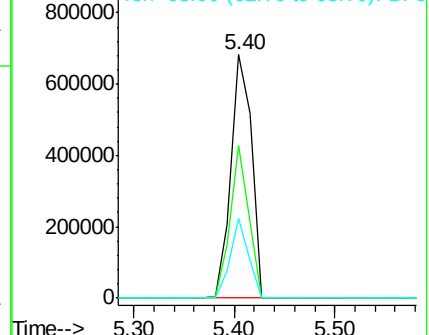
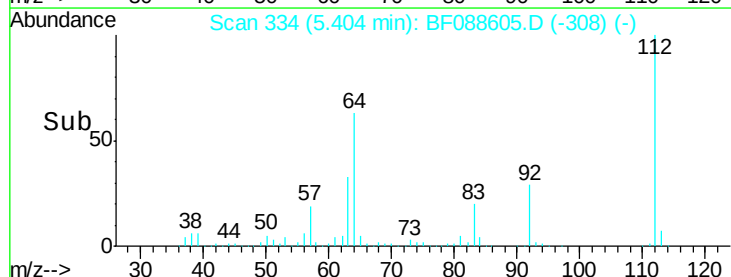
63 32.6 21.8 32.8

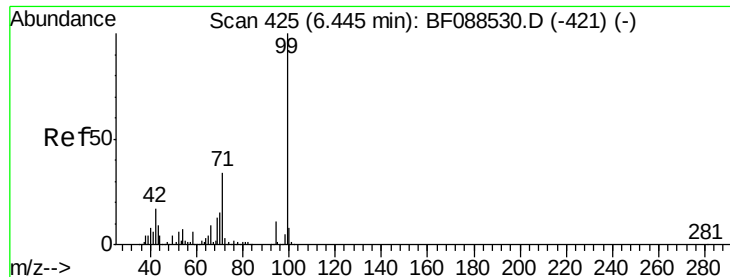


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.49 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088605.D

Acq: 2 Jul 2016 6:28

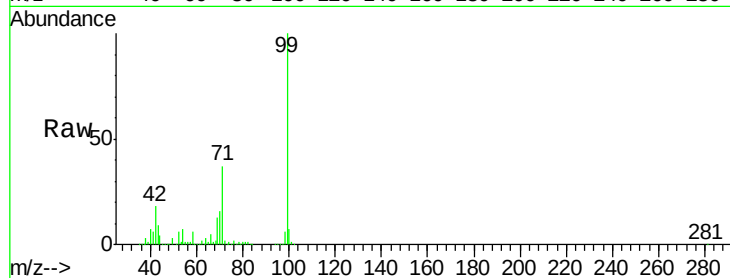
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 115585

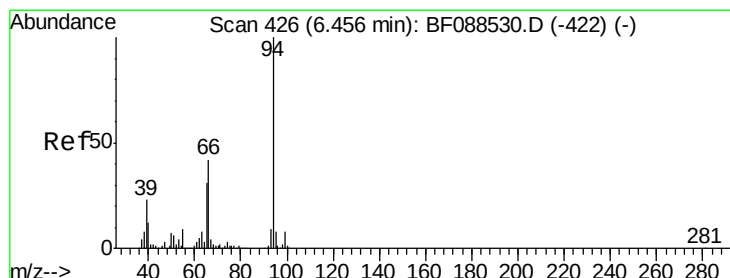
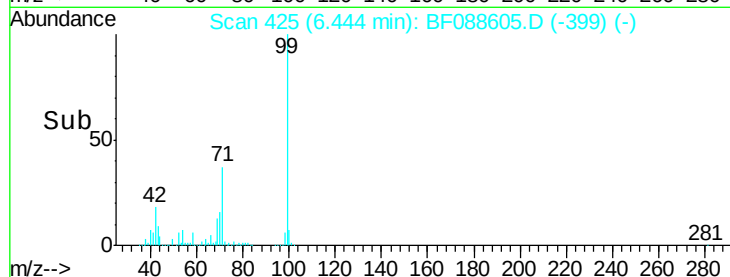
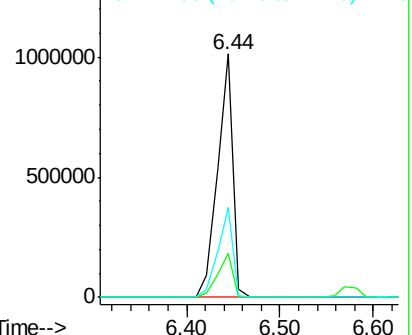
Ion	Ratio	Lower	Upper
99	100		
42	18.0	12.2	18.2
71	36.8	23.4	35.0



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: 2.87 ng

RT: 6.46 min Scan# 426

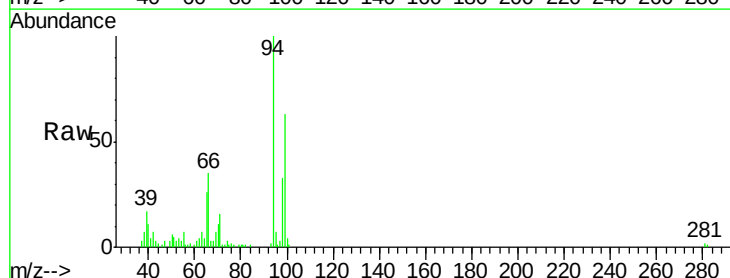
Delta R.T. -0.00 min

Lab File: BF088605.D

Acq: 2 Jul 2016 6:28

Tgt Ion: 94 Resp: 37340

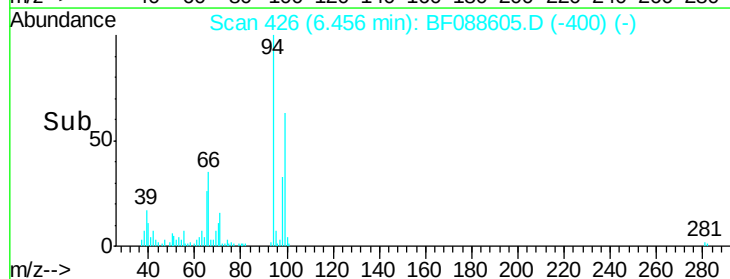
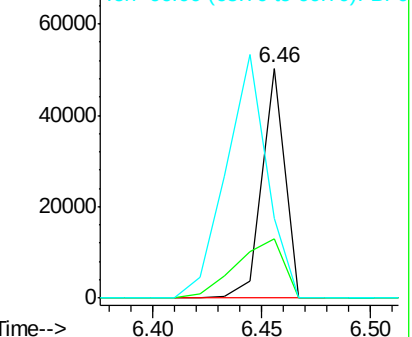
Ion	Ratio	Lower	Upper
94	100		
65	25.6	5.9	45.9
66	34.8	14.0	54.0

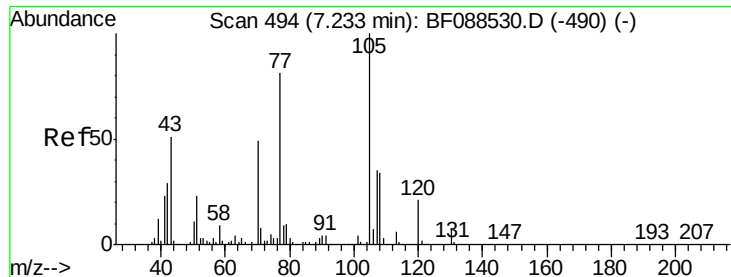


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

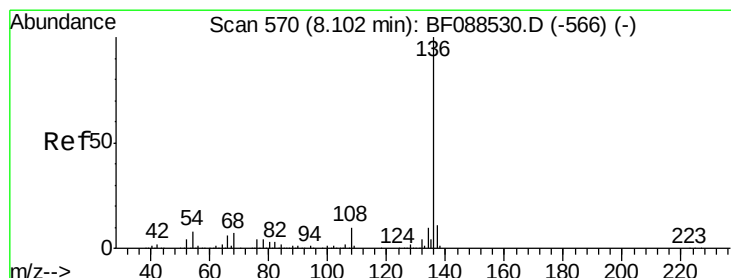
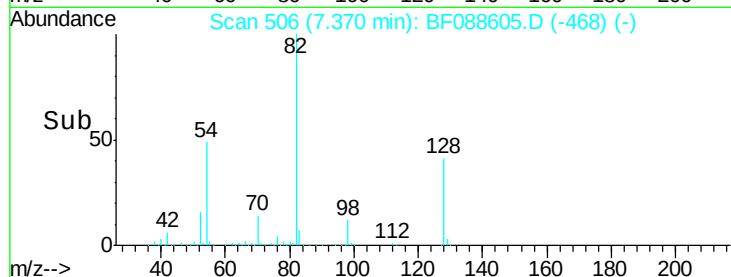
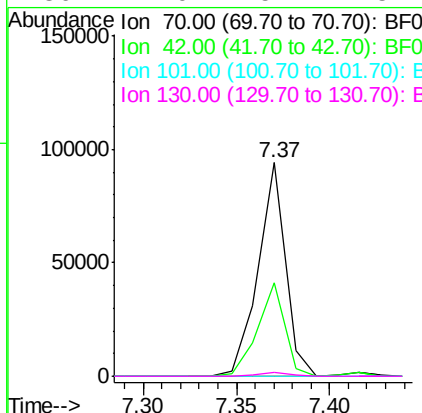
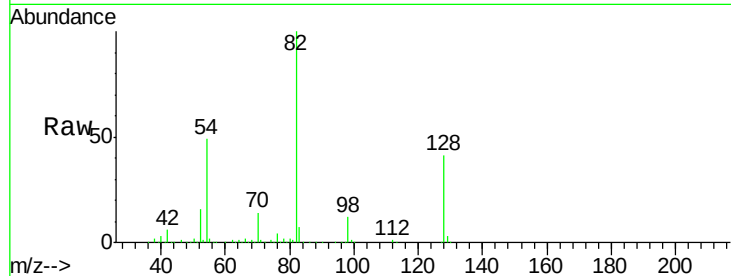




#19
n-Nitroso-di-n-propylamine
Concen: 12.48 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.14 min
Lab File: BF088605.D
Acq: 2 Jul 2016 6:28

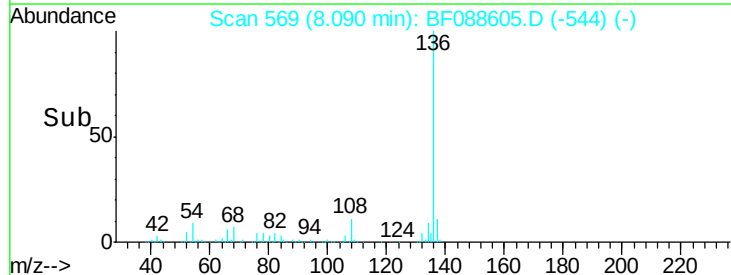
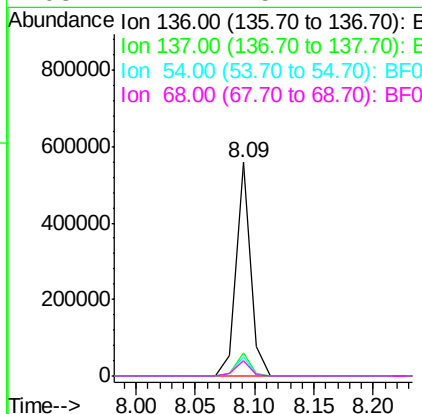
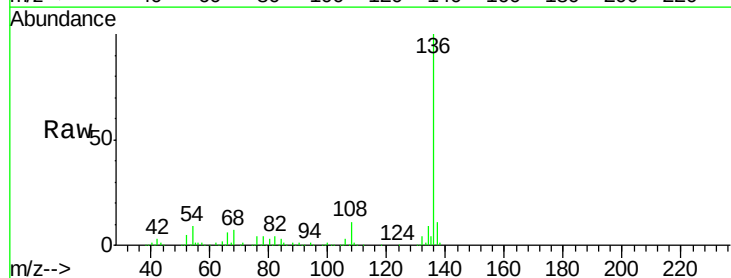
Instrument :
BNA_F
ClientSampled :

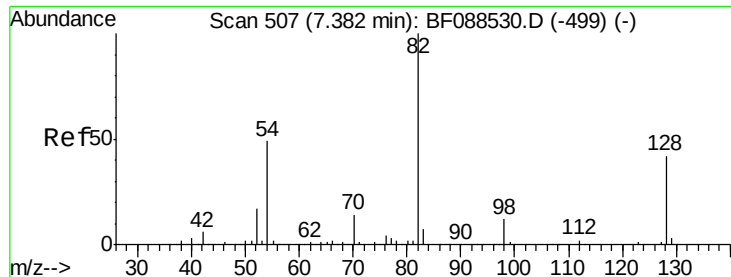
Tot Ion: 70 Resp: 95462
Ion Ratio Lower Upper
70 100
42 43.8 49.6 74.4#
101 0.0 7.1 10.7#
130 2.0 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088605.D
Acq: 2 Jul 2016 6:28

Tgt Ion:136 Resp: 473363
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.8 6.6 10.0
68 7.4 5.1 7.7

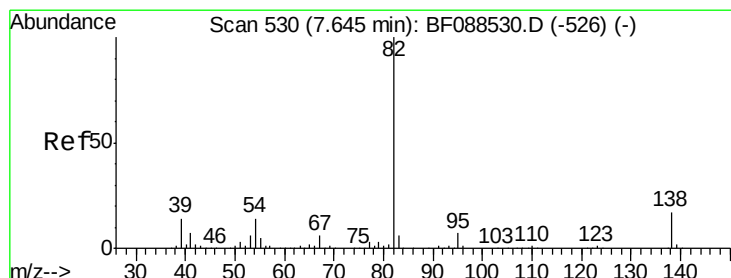
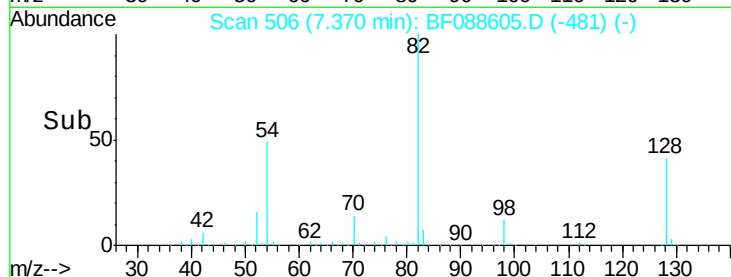
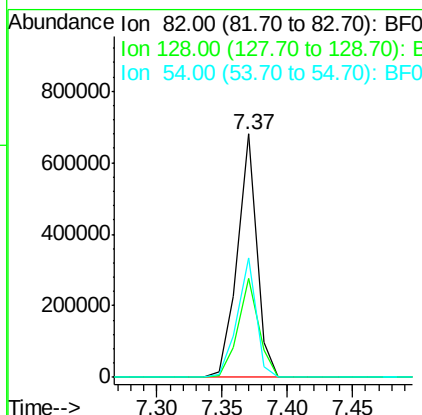
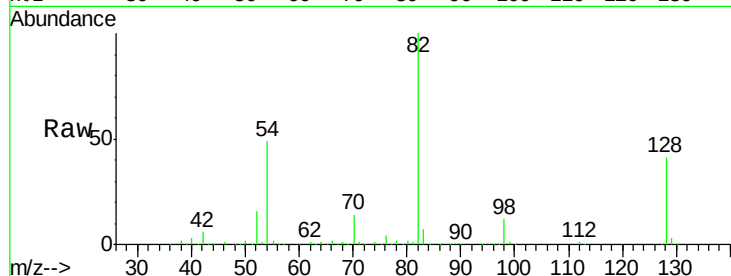




#23
 Nitrobenzene-d5
 Concen: 77.59 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF088605.D
 Acq: 2 Jul 2016 6:28

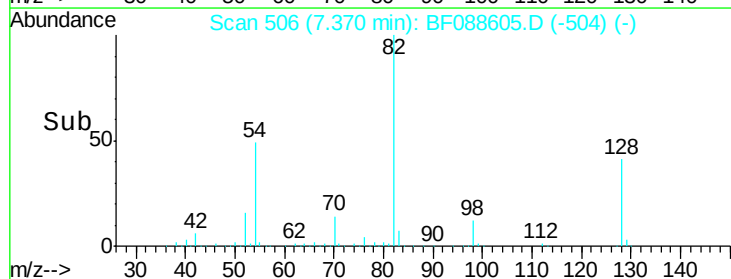
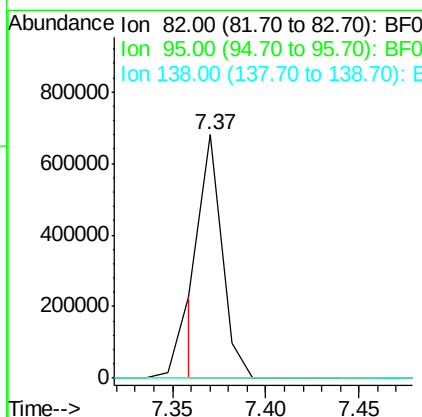
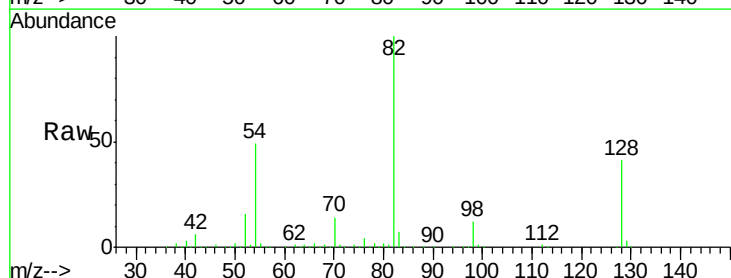
Instrument :
 BNA_F
 ClientSampled :

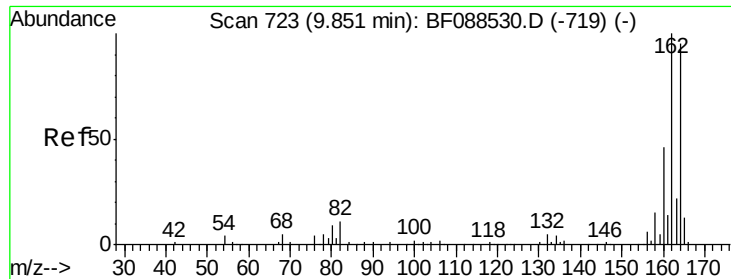
Tot Ion	82	Resp	700834
Ion Ratio	100	Lower	Upper
128	40.8	35.9	53.9
54	49.0	40.9	61.3



#25
 Isophorone
 Concen: 31.96 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.27 min
 Lab File: BF088605.D
 Acq: 2 Jul 2016 6:28

Tgt Ion	82	Resp	534775
Ion Ratio	100	Lower	Upper
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

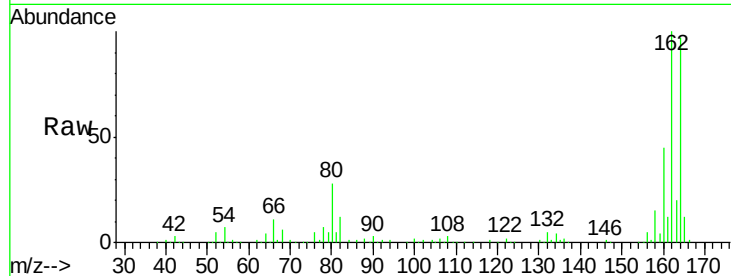




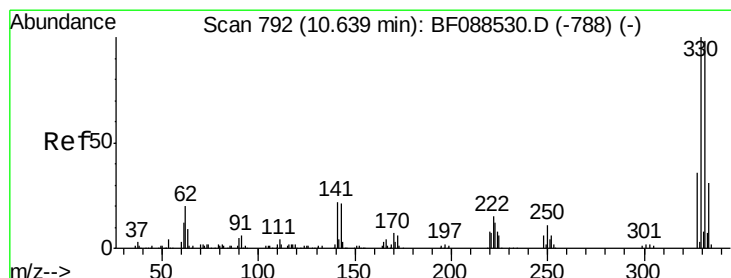
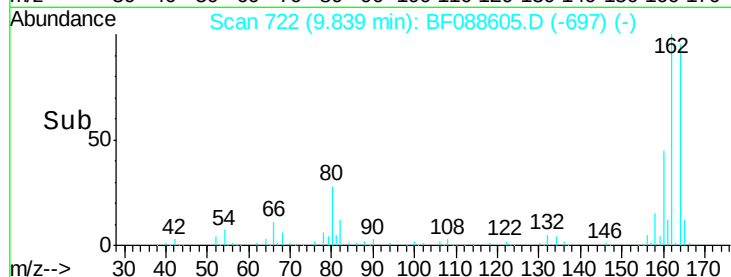
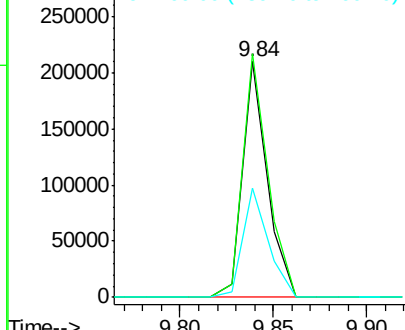
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088605.D
 Acq: 2 Jul 2016 6:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 192222
 Ion Ratio Lower Upper
 164 100
 162 103.3 85.4 128.2
 160 46.1 39.5 59.3

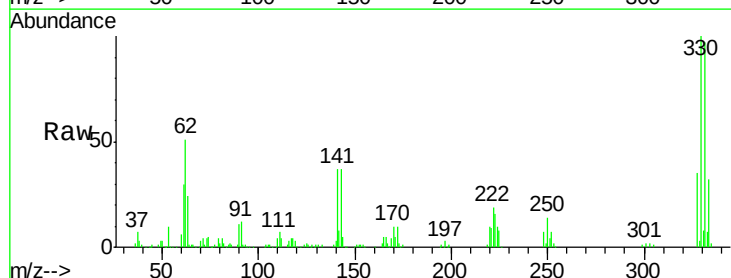


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

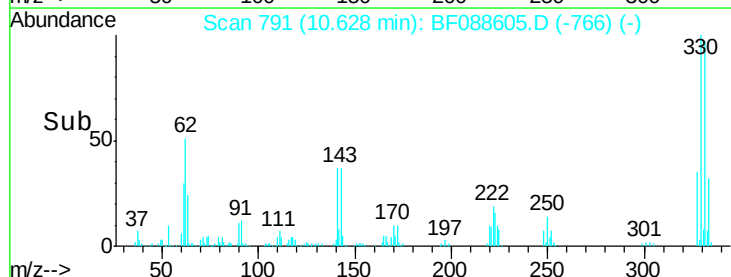
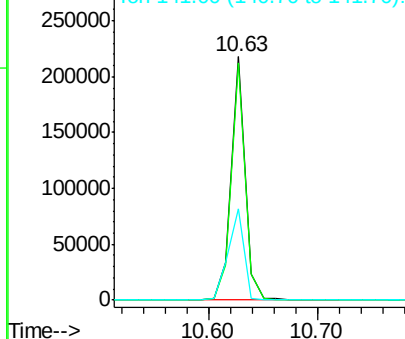


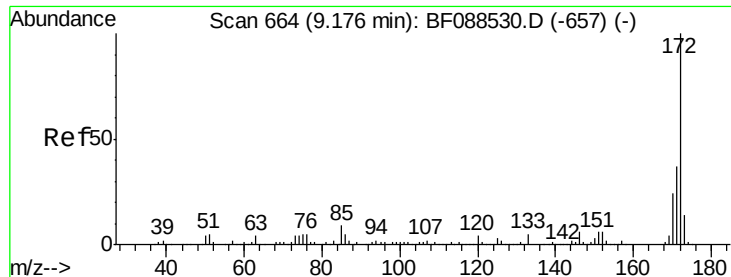
#41
 2,4,6-Tribromophenol
 Concen: 107.44 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088605.D
 Acq: 2 Jul 2016 6:28

Tgt Ion:330 Resp: 191782
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 42.7 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

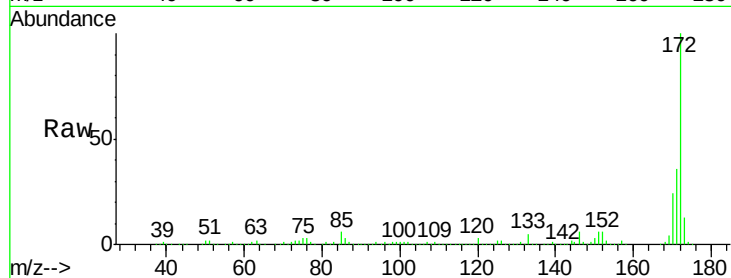




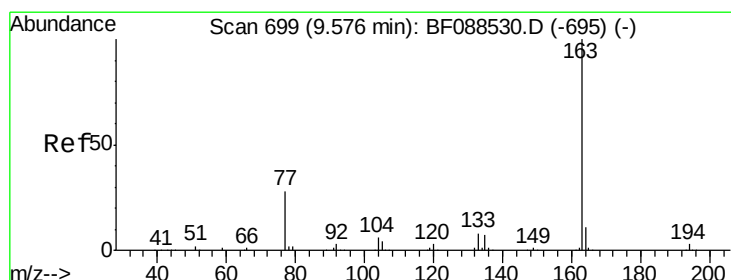
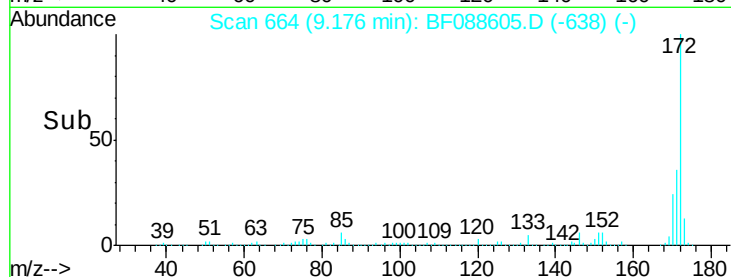
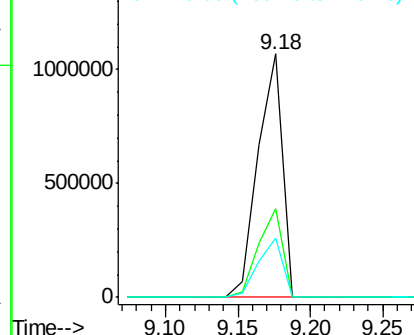
#44
2-Fluorobiphenyl
Concen: 102.31 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF088605.D
Acq: 2 Jul 2016 6:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1245084
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.2 19.2 28.8

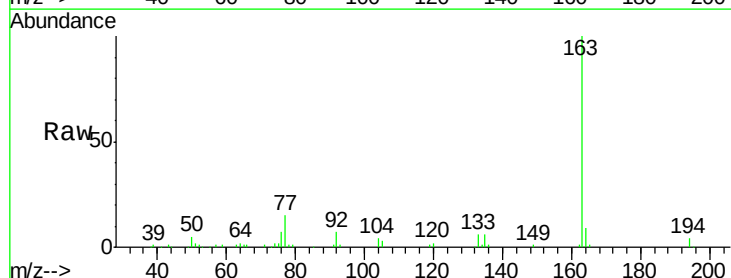


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

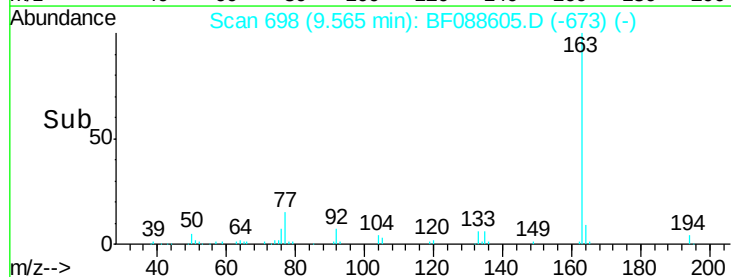
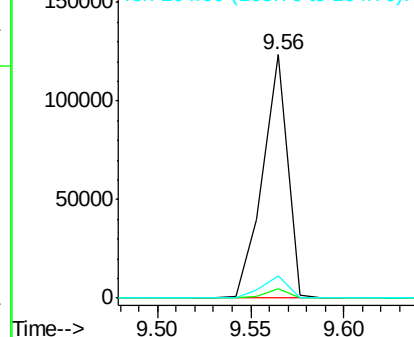


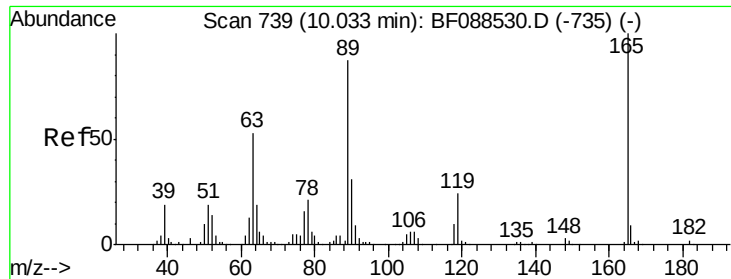
#49
Dimethylphthalate
Concen: 8.30 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088605.D
Acq: 2 Jul 2016 6:28

Tgt Ion:163 Resp: 113622
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.2 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

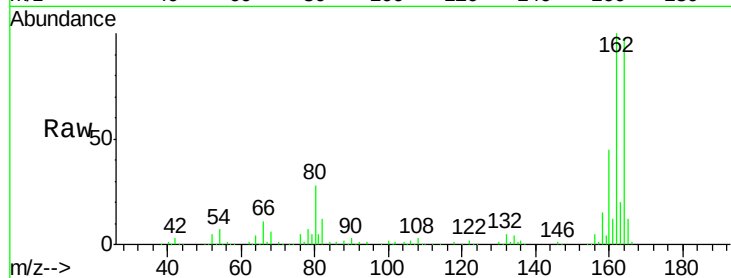




#56
 2,4-Dinitrotoluene
 Concen: 6.16 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.19 min
 Lab File: BF088605.D
 Acq: 2 Jul 2016 6:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	24445
Ion Ratio	Lower	Upper
165	100	
63	1.6	22.0 33.0#
89	1.6	41.1 61.7#
182	0.0	2.0 3.0#

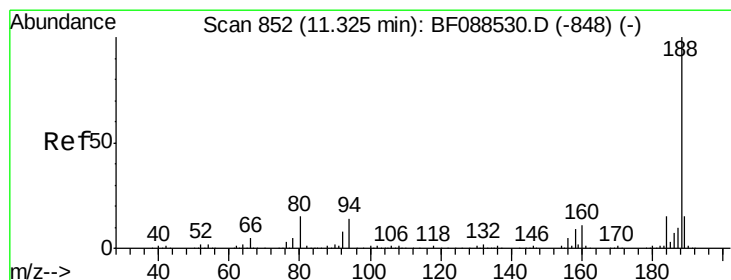
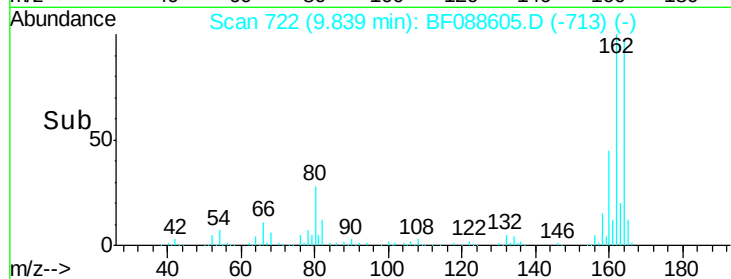
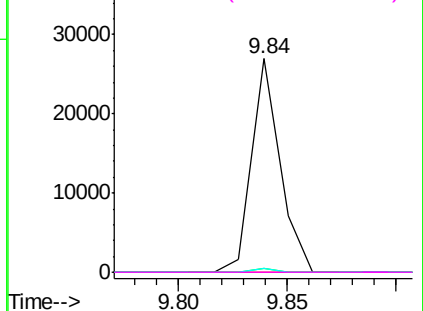


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

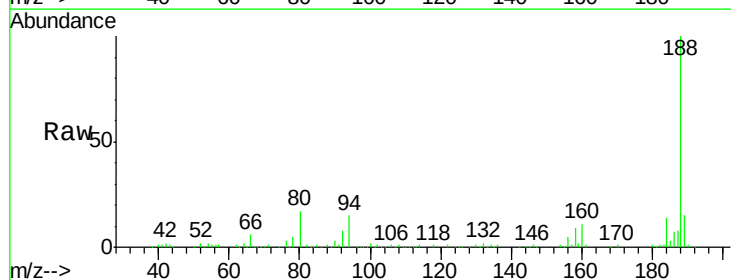
Ion 89.00 (88.70 to 89.70): BF0

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: BF088605.D
 Acq: 2 Jul 2016 6:28

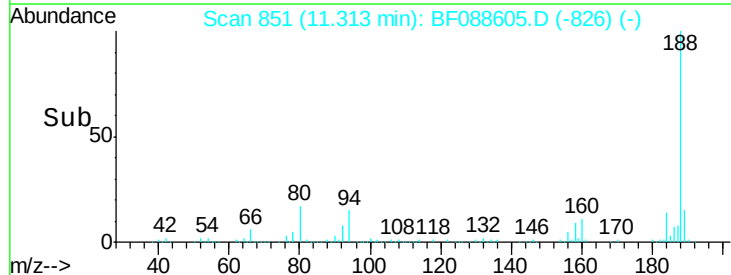
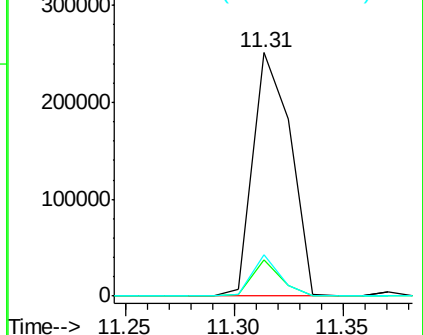
Tgt Ion:188	Resp:	303792
Ion Ratio	Lower	Upper
188	100	
94	15.1	9.0 13.6#
80	16.9	10.0 15.0#

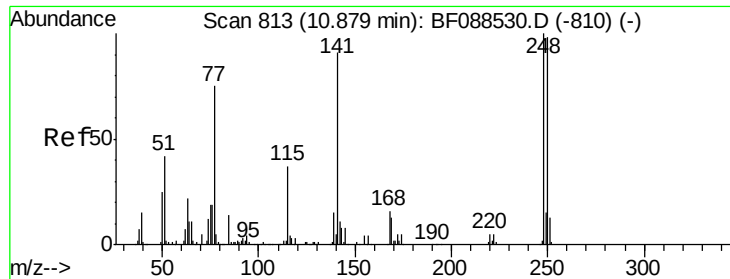


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

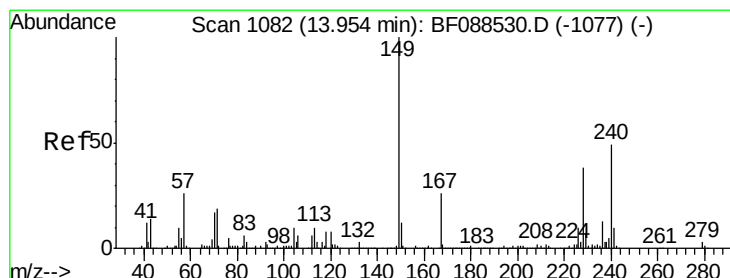
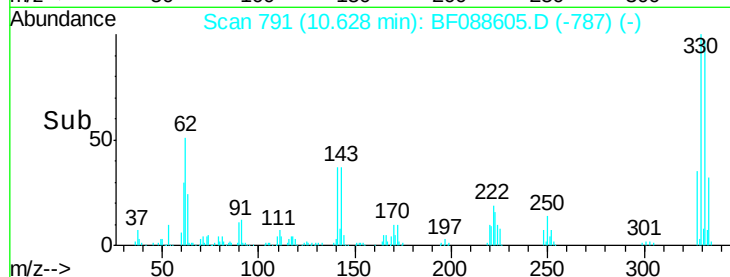
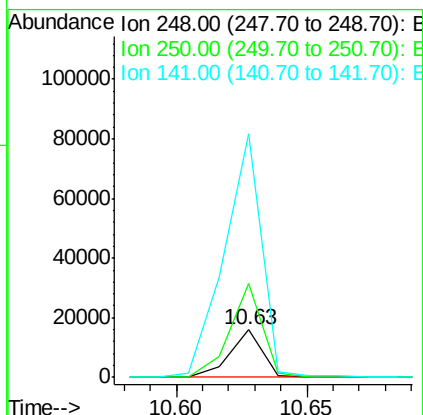
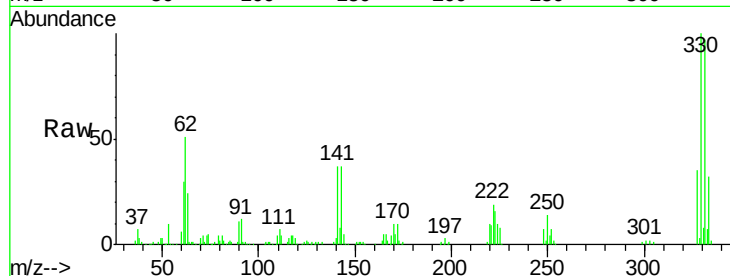




#66
4-Bromophenyl-phenylether
Concen: 4.48 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.25 min
Lab File: BF088605.D
Acq: 2 Jul 2016 6:28

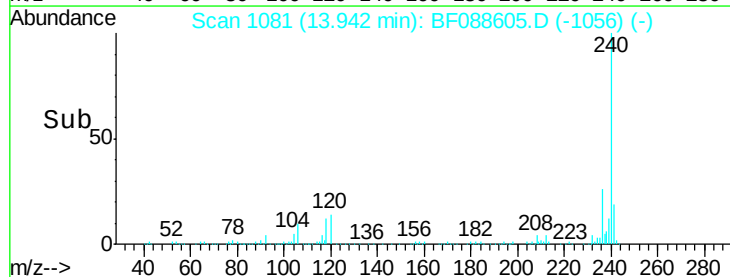
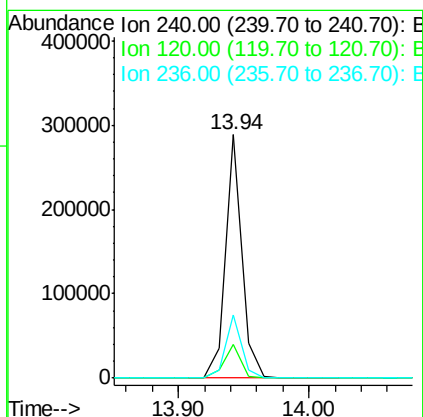
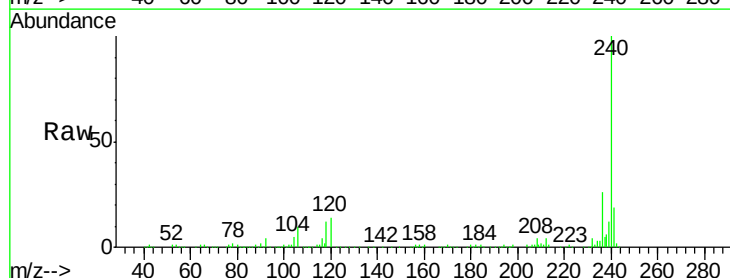
Instrument :
BNA_F
ClientSampleId :

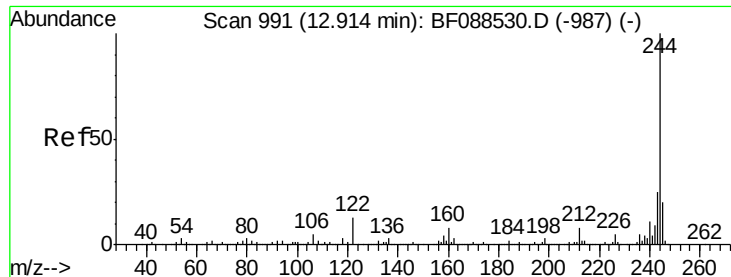
Tot Ion:248 Resp: 13708
Ion Ratio Lower Upper
248 100
250 198.8 77.1 115.7#
141 514.9 50.6 76.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088605.D
Acq: 2 Jul 2016 6:28

Tgt Ion:240 Resp: 252922
Ion Ratio Lower Upper
240 100
120 13.8 6.8 10.2#
236 25.8 20.2 30.2





#78

Terphenyl-d14

Concen: 65.07 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF088605.D

Acq: 2 Jul 2016 6:28

Instrument :

BNA_F

ClientSampleId :

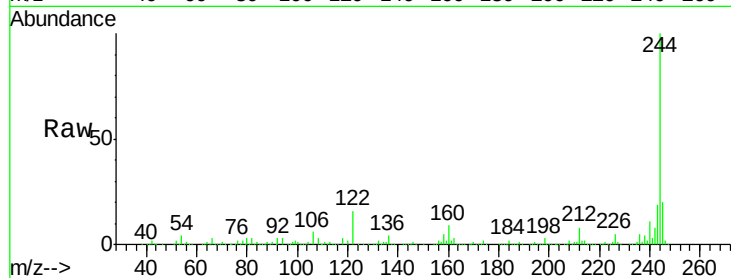
Tot Ion:244 Resp: 738901

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

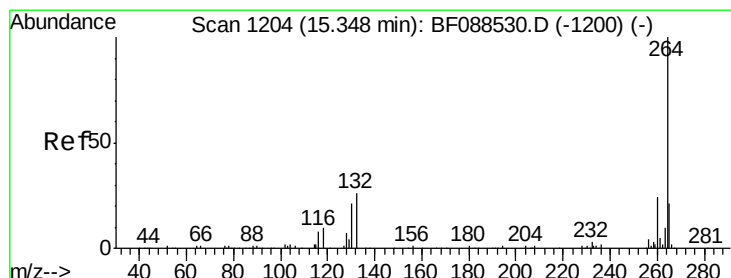
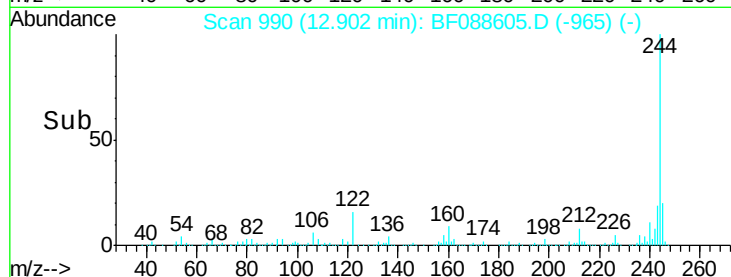
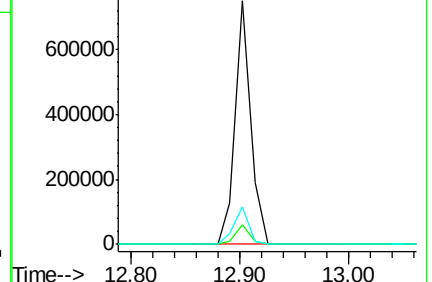
122 15.5 11.2 16.8



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: BF088605.D

Acq: 2 Jul 2016 6:28

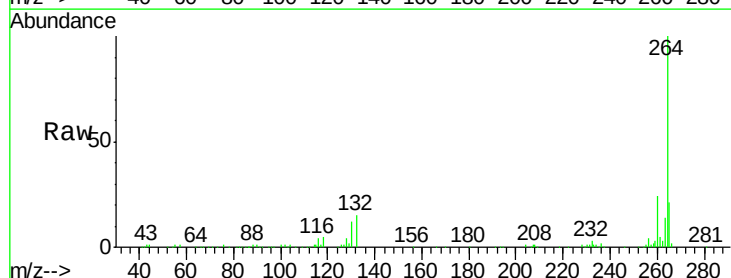
Tgt Ion:264 Resp: 207308

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.2 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

