

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088660.D
 Acq On : 3 Jul 2016 21:23
 Operator : UM/SJ
 Sample : H3817-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 05:01:04 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

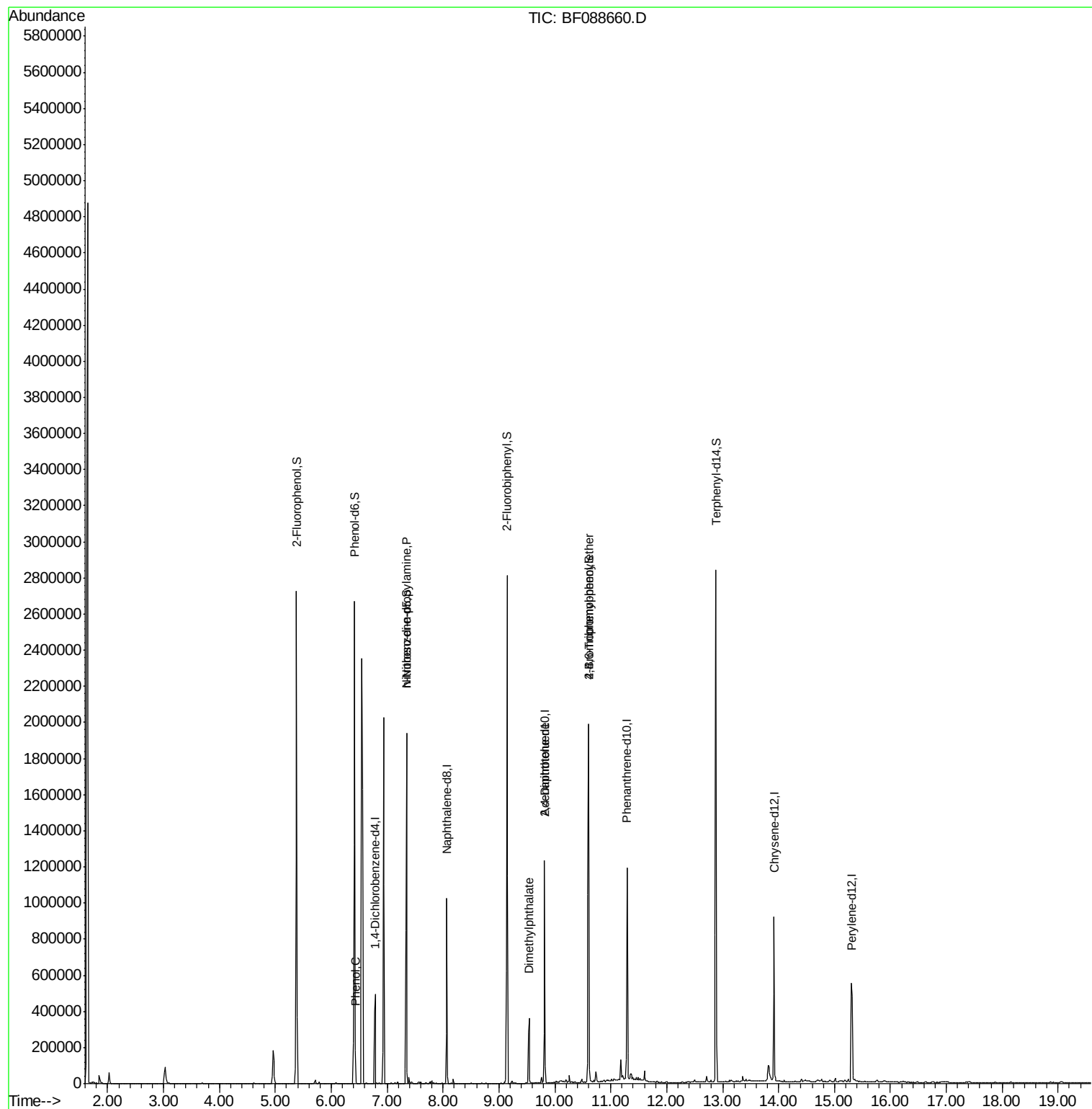
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	103804	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	440591	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	226627	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	371255	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	334907	20.00	ng	-0.03
86) Perylene-d12	15.31	264	282472	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	867651	125.27	ng	-0.02
7) Phenol-d6	6.42	99	1052034	117.55	ng	-0.02
23) Nitrobenzene-d5	7.35	82	708686	84.29	ng	-0.03
41) 2,4,6-Tribromophenol	10.61	330	255764	121.53	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1066430	74.33	ng	-0.03
78) Terphenyl-d14	12.88	244	822577	54.71	ng	-0.03
Target Compounds						
10) Phenol	6.43	94	31705	3.10	ng	Qvalue 98
19) n-Nitroso-di-n-propylamine	7.35	70	97815	16.27	ng	# 72
49) Dimethylphthalate	9.54	163	207959	12.88	ng	98
56) 2,4-Dinitrotoluene	9.82	165	28965	6.19	ng	# 38
66) 4-Bromophenyl-phenylether	10.61	248	18022	4.82	ng	# 1

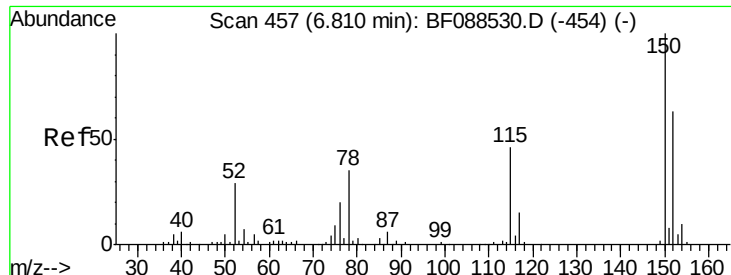
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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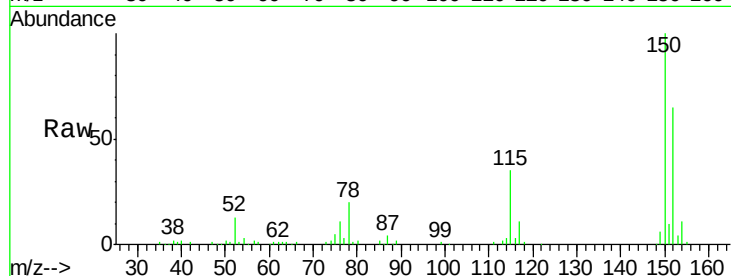


#1

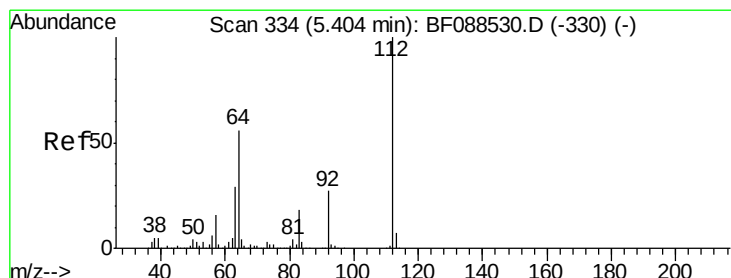
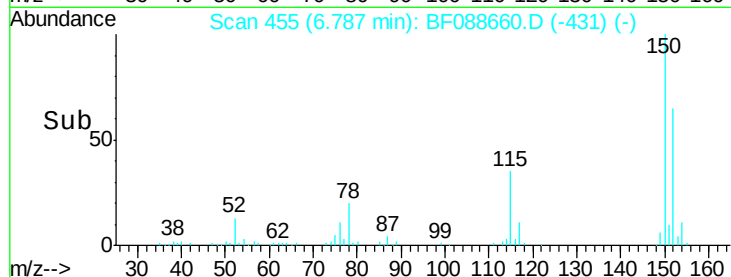
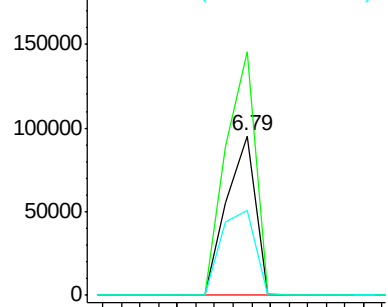
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088660.D
Acq: 3 Jul 2016 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.8	185.6
115	53.4	39.6	59.4



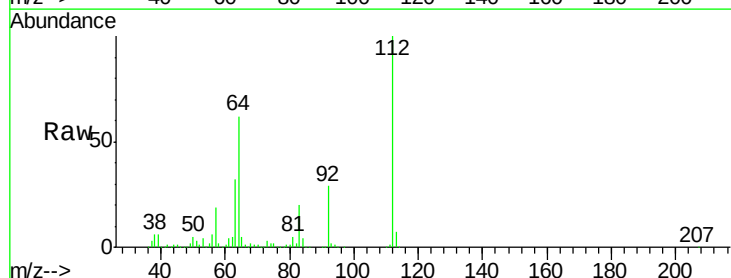
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



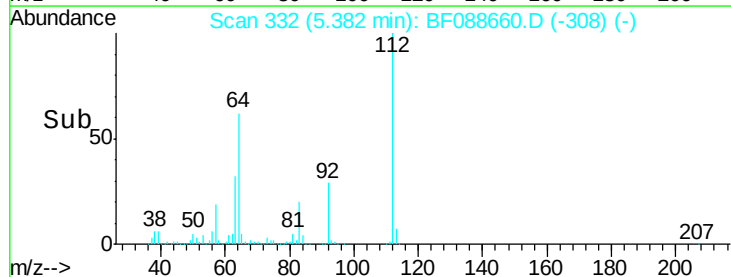
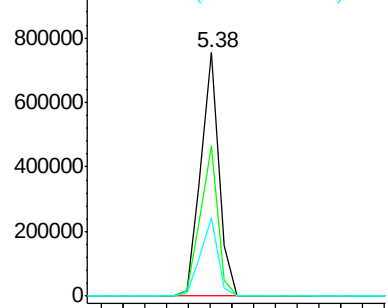
#5

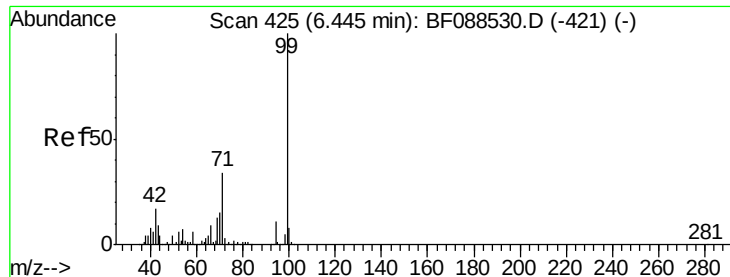
2-Fluorophenol
Concen: 125.27 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088660.D
Acq: 3 Jul 2016 21:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	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: 117.55 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088660.D

Acq: 3 Jul 2016 21:23

Instrument :

BNA_F

ClientSampleId :

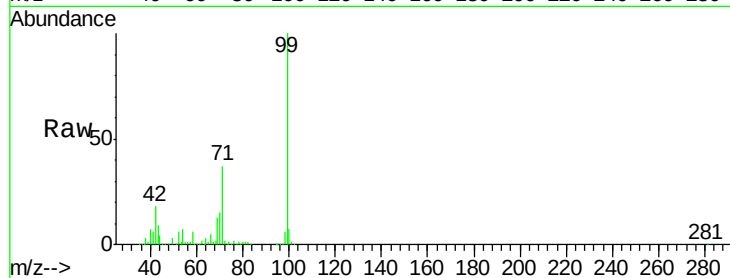
Tot Ion: 99 Resp: 1052034

Ion Ratio Lower Upper

99 100

42 17.7 12.2 18.2

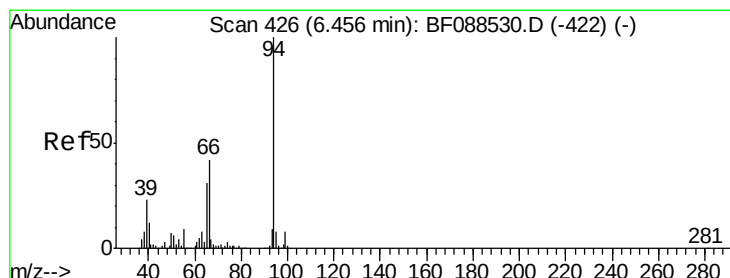
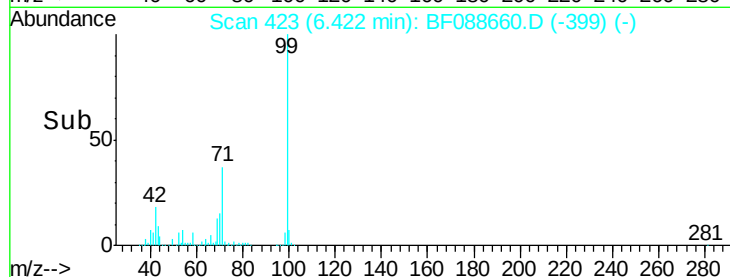
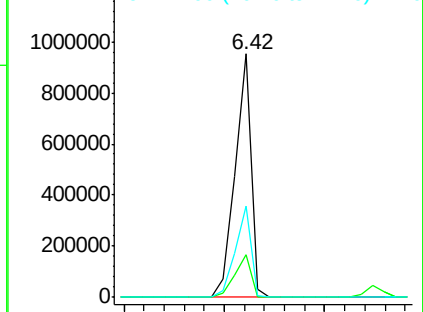
71 37.3 23.4 35.0#



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: 3.10 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088660.D

Acq: 3 Jul 2016 21:23

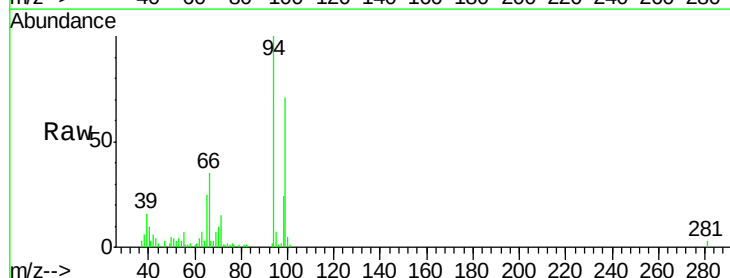
Tgt Ion: 94 Resp: 31705

Ion Ratio Lower Upper

94 100

65 24.7 5.9 45.9

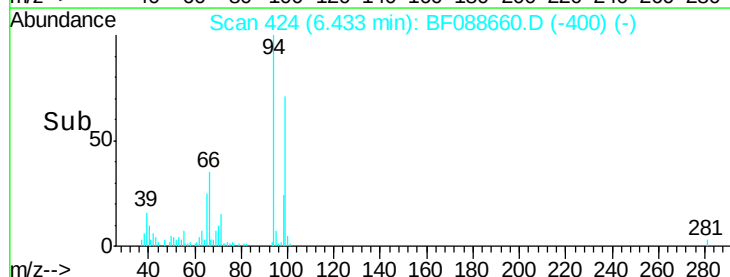
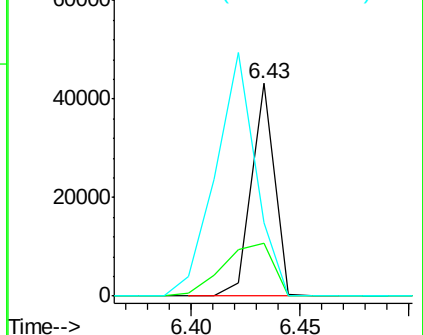
66 34.5 14.0 54.0

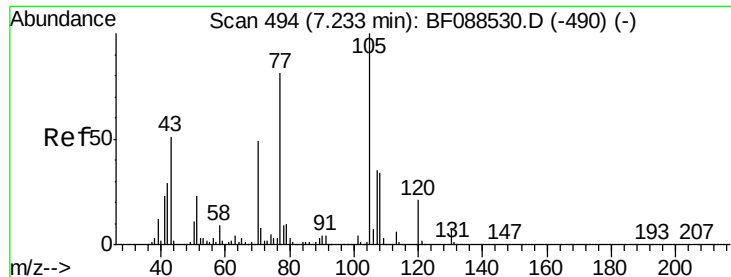


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

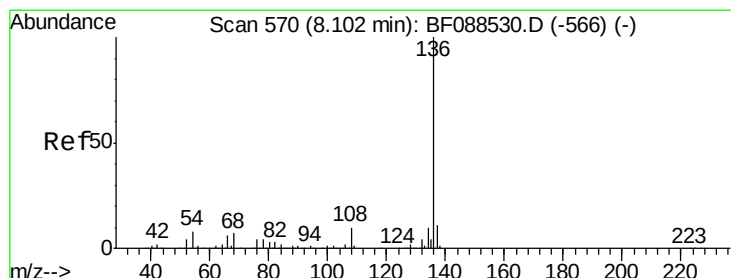
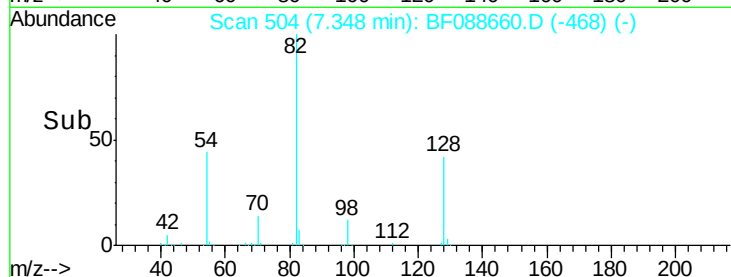
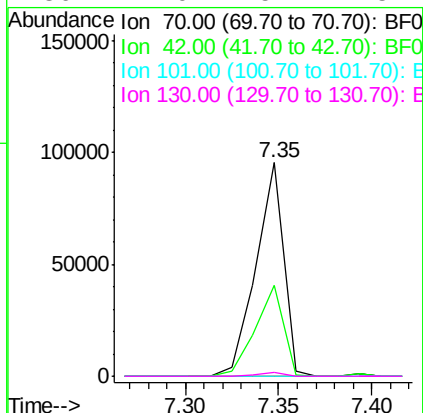
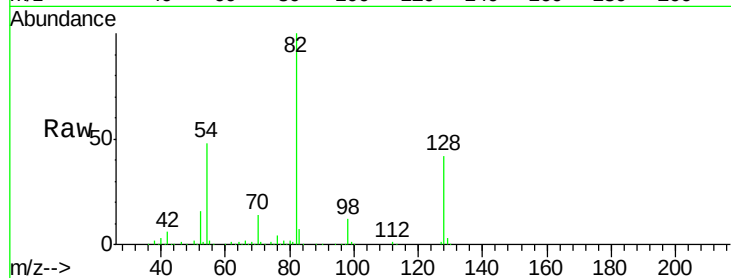




#19
n-Nitroso-di-n-propylamine
Concen: 16.27 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.11 min
Lab File: BF088660.D
Acq: 3 Jul 2016 21:23

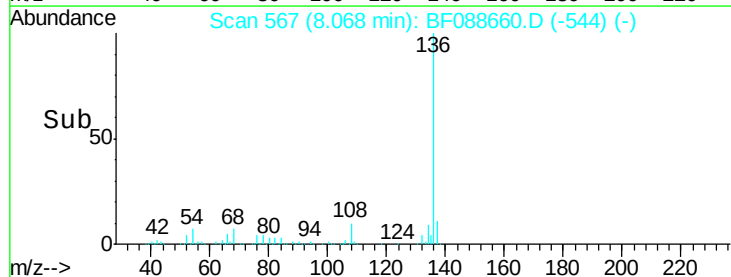
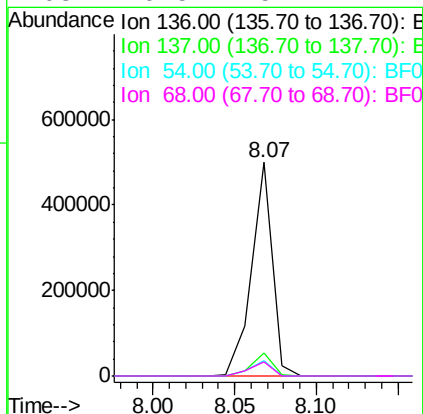
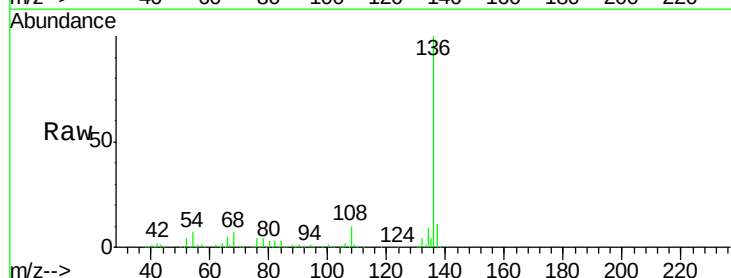
Instrument :
BNA_F
ClientSampled :

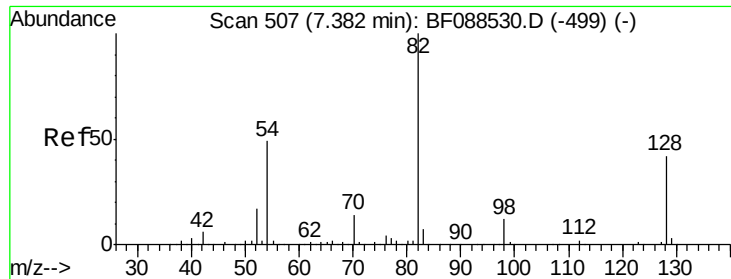
Tot Ion: 70 Resp: 97815
Ion Ratio Lower Upper
70 100
42 42.3 49.6 74.4#
101 0.0 7.1 10.7#
130 2.0 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.03 min
Lab File: BF088660.D
Acq: 3 Jul 2016 21:23

Tgt Ion:136 Resp: 440591
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.4 6.6 10.0
68 6.5 5.1 7.7

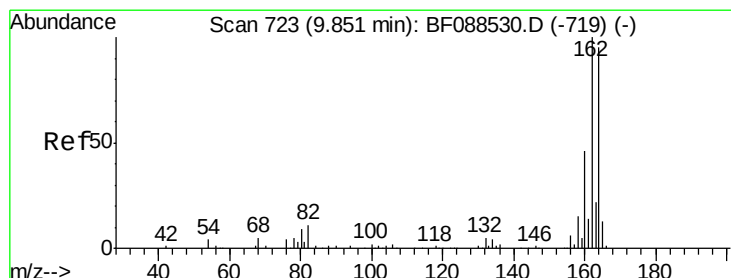
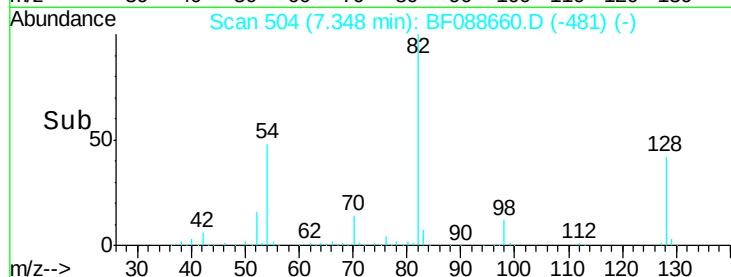
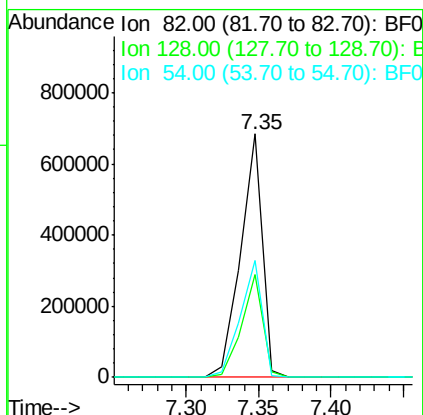
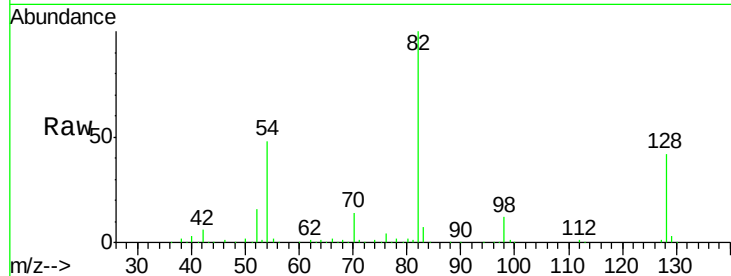




#23
 Nitrobenzene-d5
 Concen: 84.29 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088660.D
 Acq: 3 Jul 2016 21:23

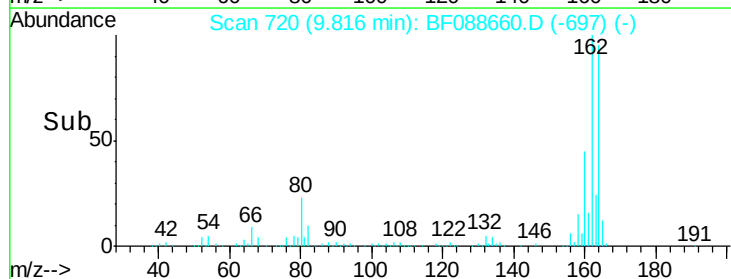
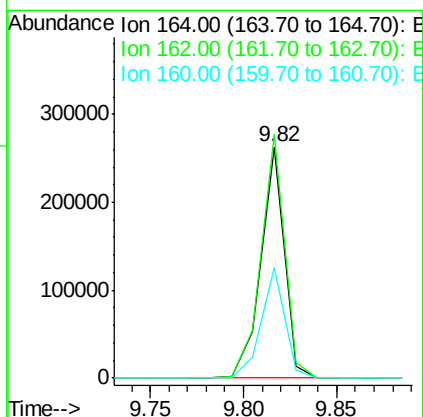
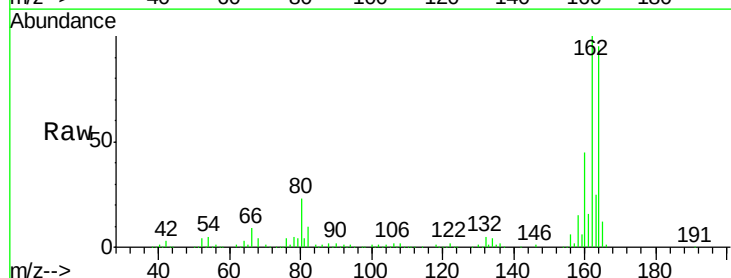
Instrument :
 BNA_F
 ClientSampled :

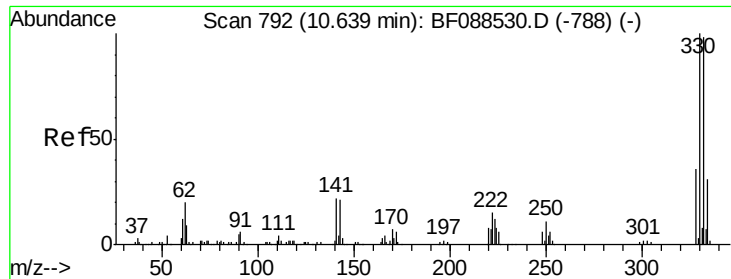
Tot Ion: 82 Resp: 708686
 Ion Ratio Lower Upper
 82 100
 128 42.1 35.9 53.9
 54 48.1 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088660.D
 Acq: 3 Jul 2016 21:23

Tgt Ion:164 Resp: 226627
 Ion Ratio Lower Upper
 164 100
 162 105.4 85.4 128.2
 160 47.9 39.5 59.3

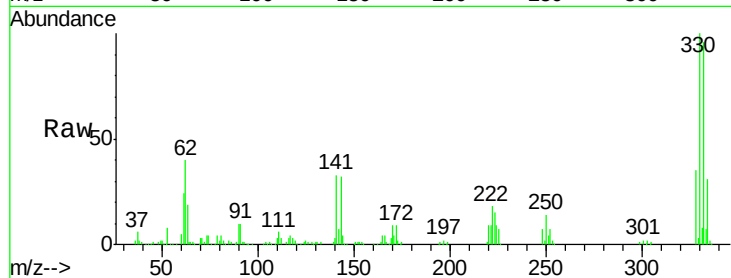




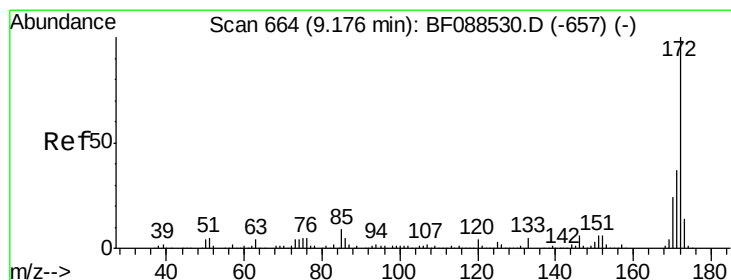
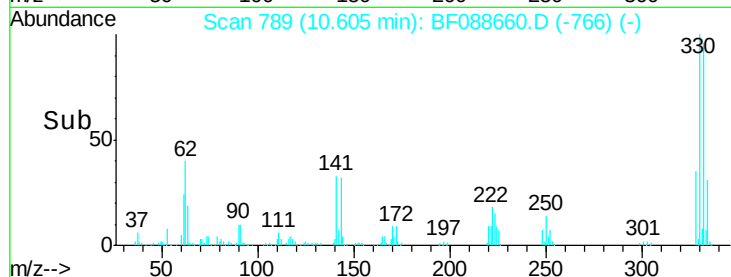
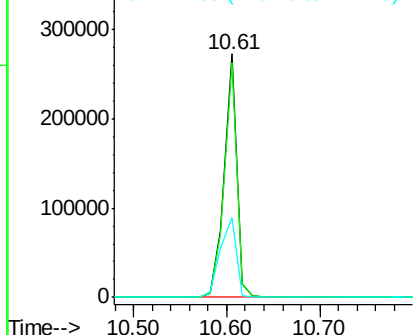
#41
 2,4,6-Tribromophenol
 Concen: 121.53 ng
 RT: 10.61 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088660.D
 Acq: 3 Jul 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	41.4	0.0	0.0#

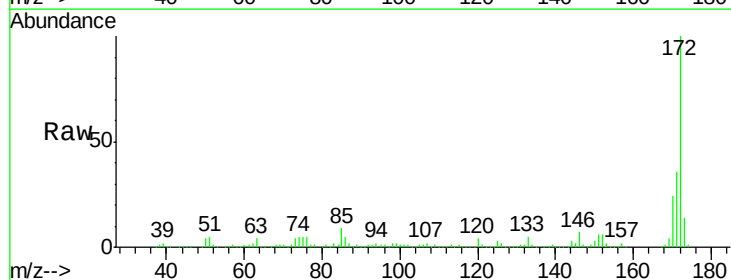


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

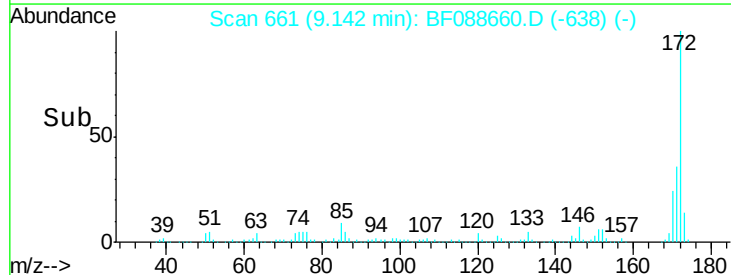
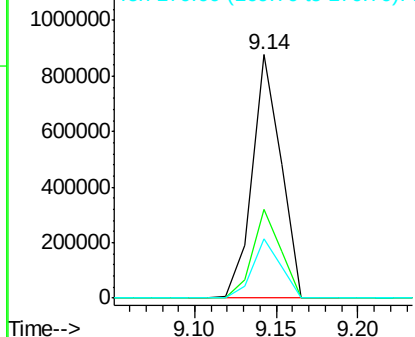


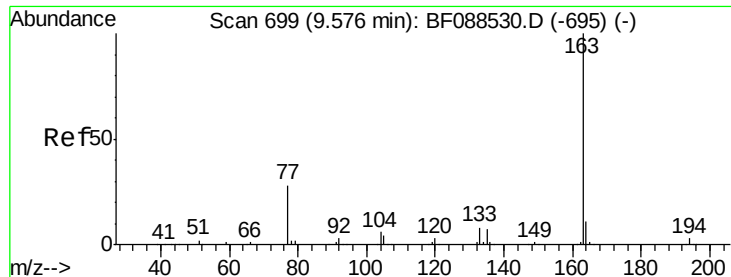
#44
 2-Fluorobiphenyl
 Concen: 74.33 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088660.D
 Acq: 3 Jul 2016 21:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.3	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

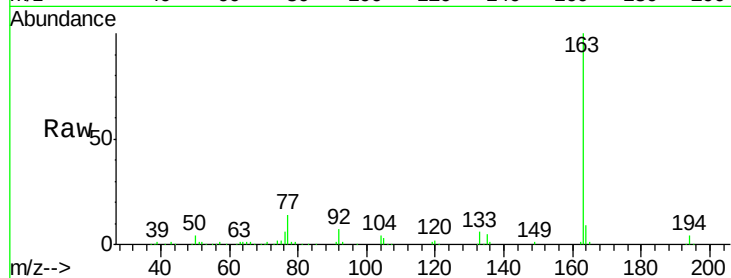




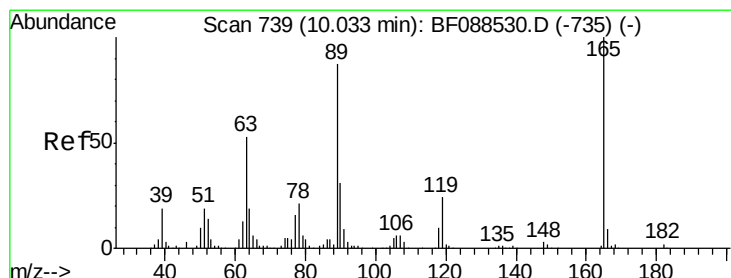
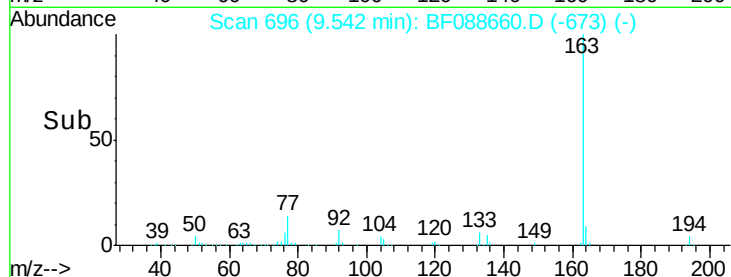
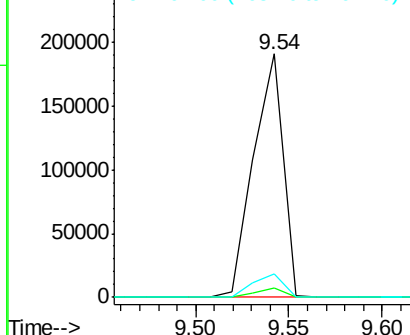
#49
Dimethylphthalate
Concen: 12.88 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088660.D
Acq: 3 Jul 2016 21:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 207959
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.5 8.3 12.5

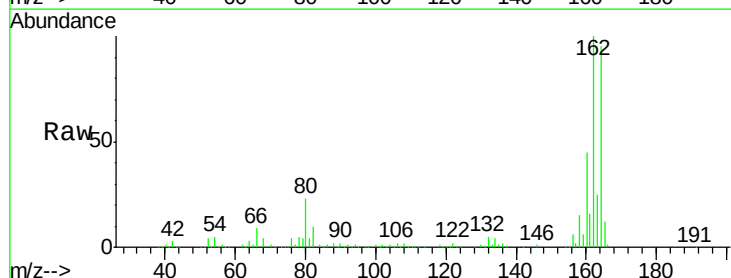


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

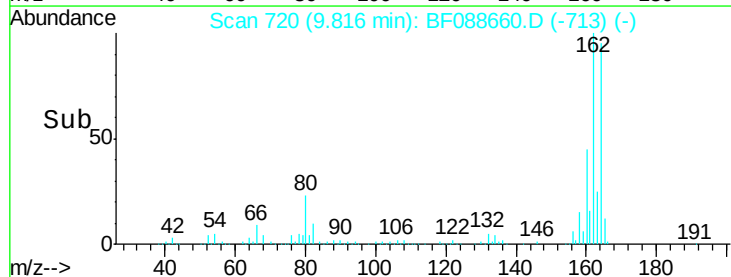
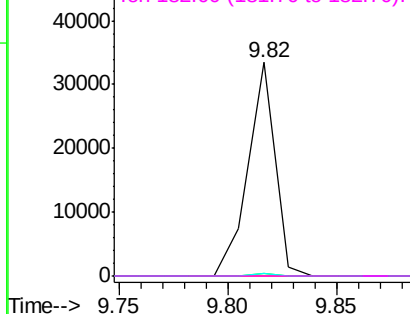


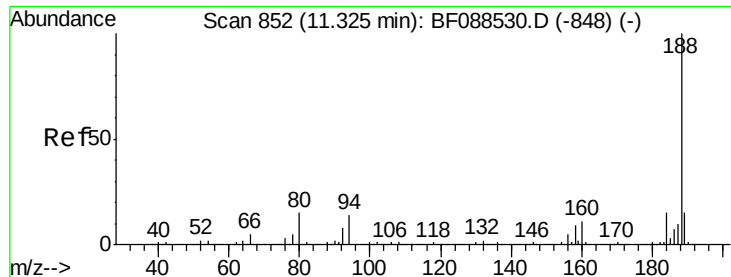
#56
2,4-Dinitrotoluene
Concen: 6.19 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.22 min
Lab File: BF088660.D
Acq: 3 Jul 2016 21:23

Tgt Ion:165 Resp: 28965
Ion Ratio Lower Upper
165 100
63 1.5 22.0 33.0#
89 1.4 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

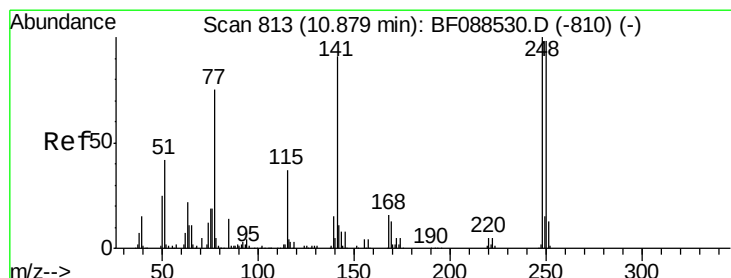
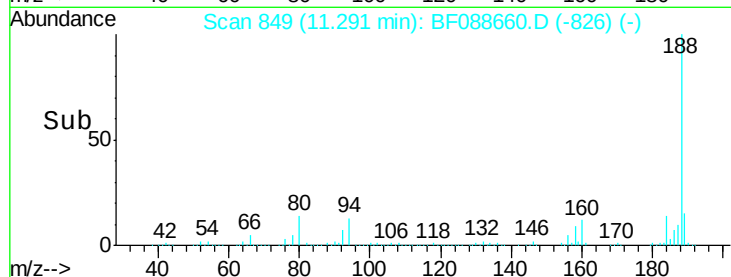
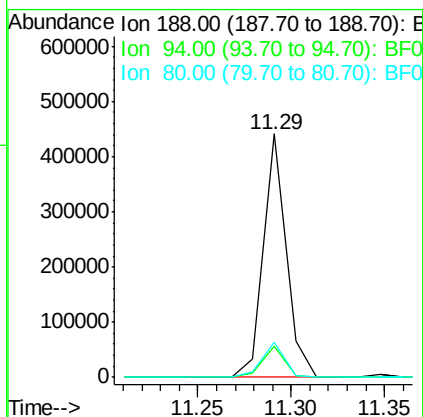
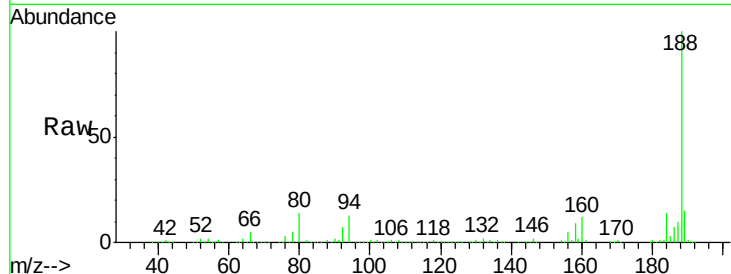




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BF088660.D
 Acq: 3 Jul 2016 21:23

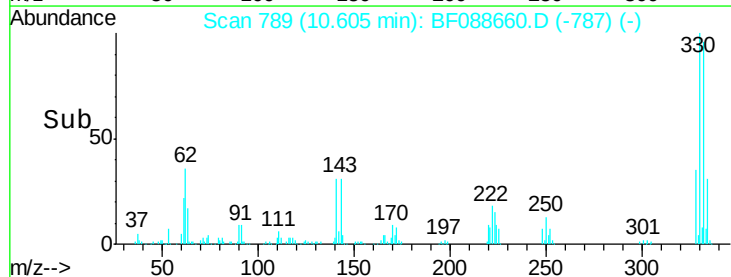
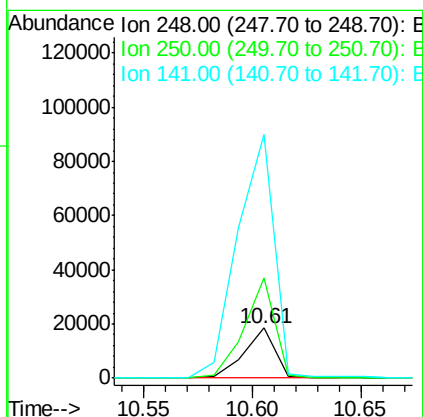
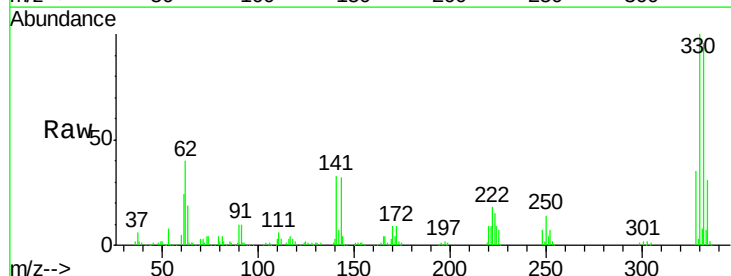
Instrument :
 BNA_F
 ClientSampleId :

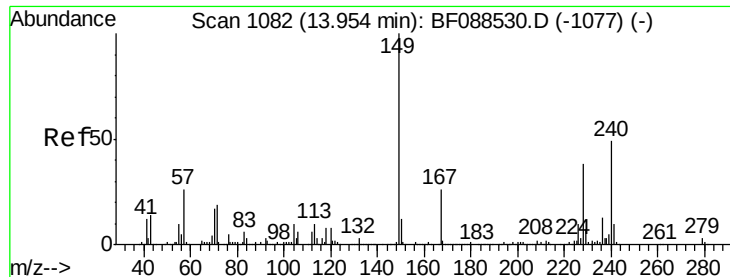
Tot Ion:188 Resp: 371255
 Ion Ratio Lower Upper
 188 100
 94 12.7 9.0 13.6
 80 14.1 10.0 15.0



#66
 4-Bromophenyl-phenylether
 Concen: 4.82 ng
 RT: 10.61 min Scan# 789
 Delta R.T. -0.27 min
 Lab File: BF088660.D
 Acq: 3 Jul 2016 21:23

Tgt Ion:248 Resp: 18022
 Ion Ratio Lower Upper
 248 100
 250 201.3 77.1 115.7#
 141 486.4 50.6 76.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088660.D

Acq: 3 Jul 2016 21:23

Instrument :

BNA_F

ClientSampled :

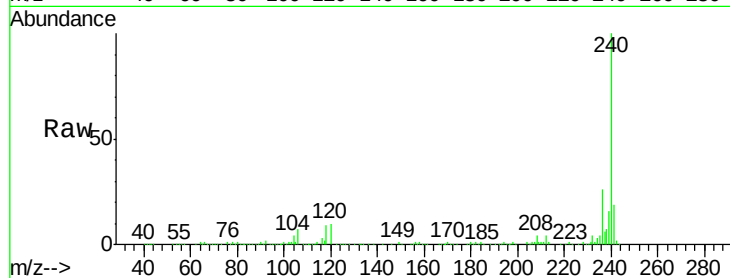
Tot Ion:240 Resp: 334907

Ion Ratio Lower Upper

240 100

120 9.8 6.8 10.2

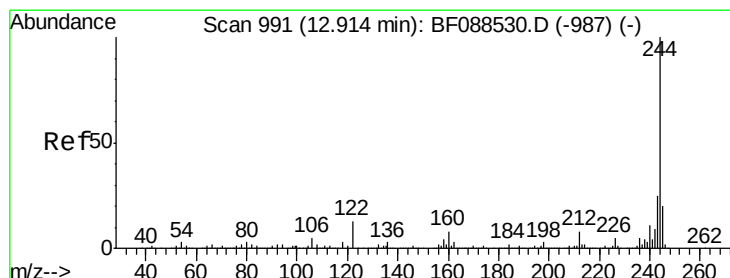
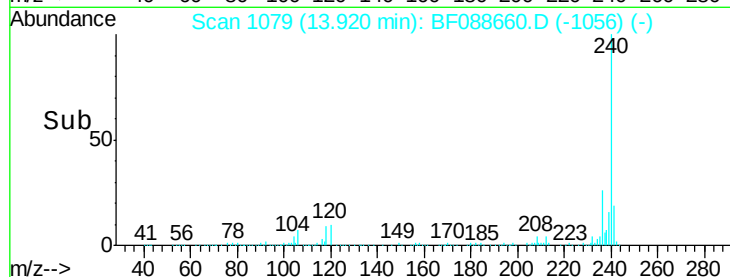
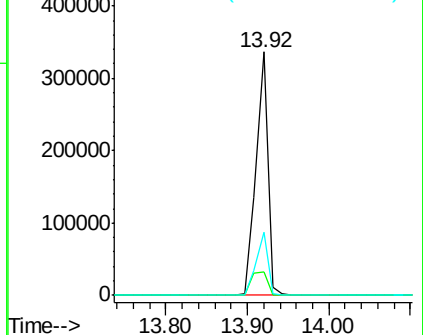
236 26.2 20.2 30.2



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: 54.71 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088660.D

Acq: 3 Jul 2016 21:23

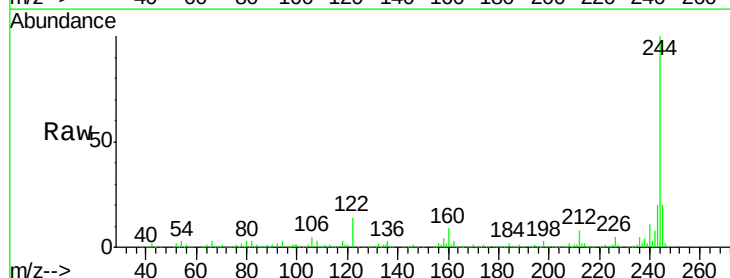
Tgt Ion:244 Resp: 822577

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

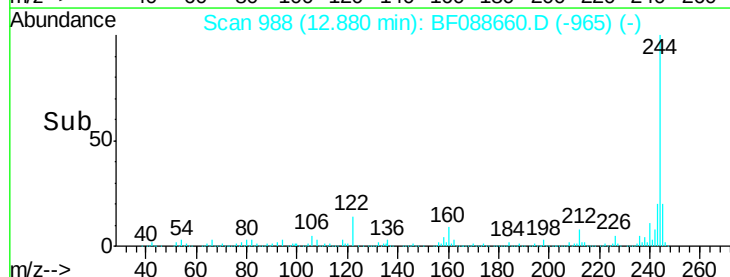
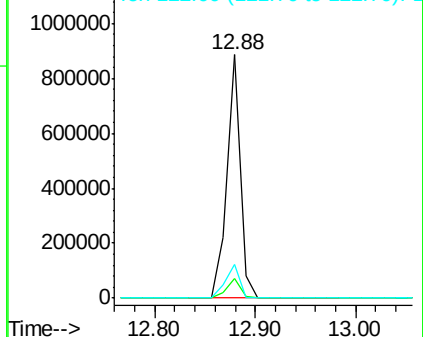
122 14.0 11.2 16.8

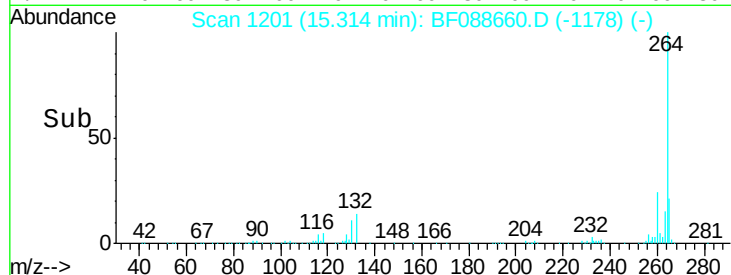
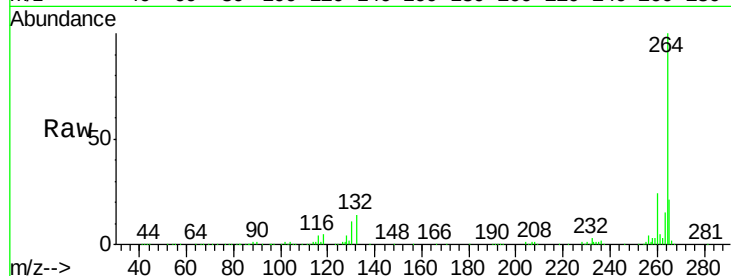
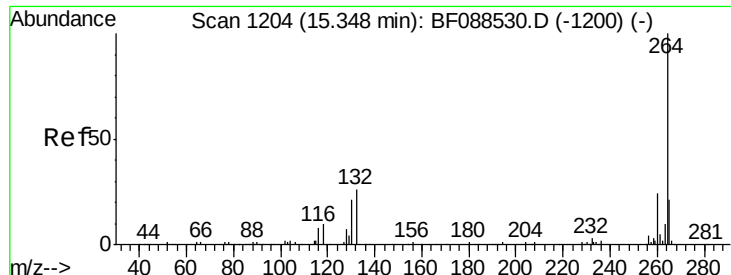


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088660.D
Acq: 3 Jul 2016 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	282472
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	16.9	25.3

