

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
 Data File : BF090196.D
 Acq On : 23 Sep 2016 14:04
 Operator : UM/SJ
 Sample : H4860-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 23 17:13:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

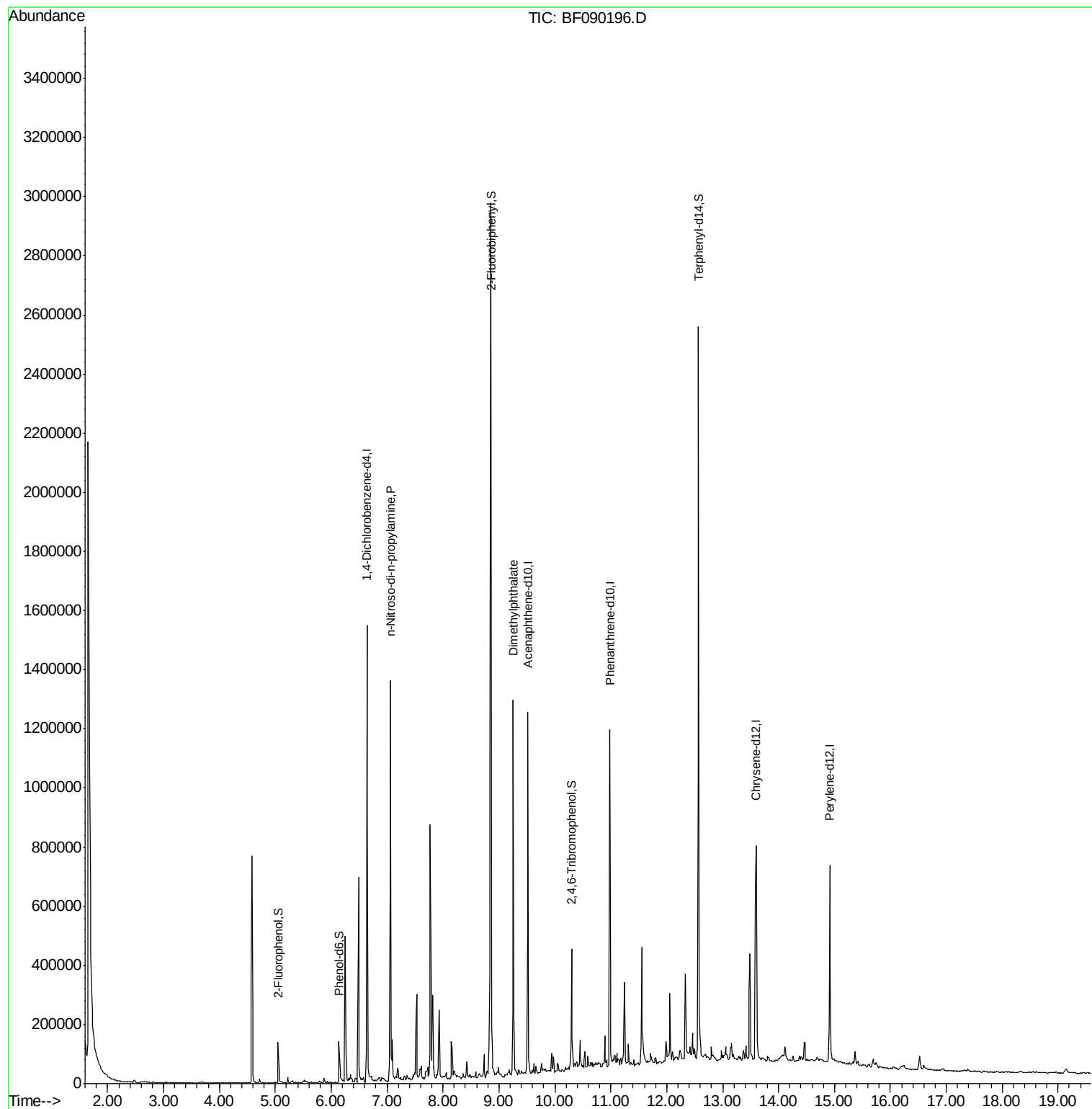
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	324899	20.00	ng	0.11
21) Naphthalene-d8	0.00	136	0	0.00	ng	-7.82
38) Acenaphthene-d10	9.52	164	302395	20.00	ng	-0.03
63) Phenanthrene-d10	10.98	188	439680	20.00	ng	-0.05
75) Chrysene-d12	13.60	240	361666	20.00	ng	-0.03
86) Perylene-d12	14.91	264	285746	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	62921	3.16	ng	-0.02
7) Phenol-d6	6.14	99	77858	3.16	ng	-0.03
23) Nitrobenzene-d5	7.06	82	610094	0.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.30	330	54453	20.99	ng	-0.05
44) 2-Fluorobiphenyl	8.86	172	999583	64.89	ng	-0.03
78) Terphenyl-d14	12.57	244	852367	59.84	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.06	70	76255	5.27	ng	Qvalue # 78
49) Dimethylphthalate	9.26	163	558553	29.00	ng	99

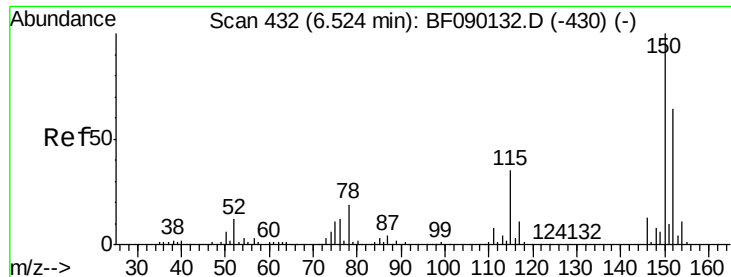
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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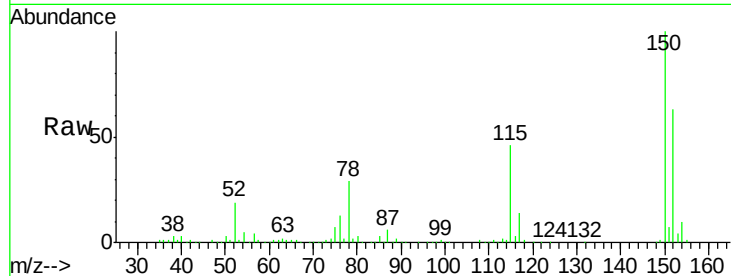


#1

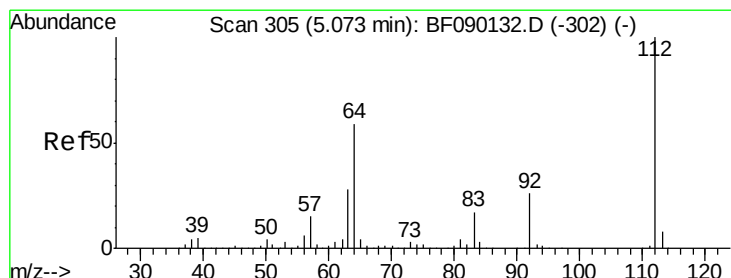
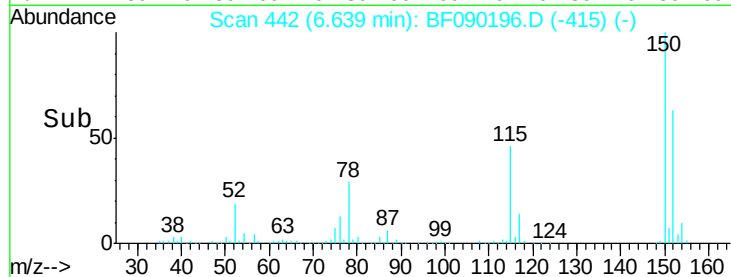
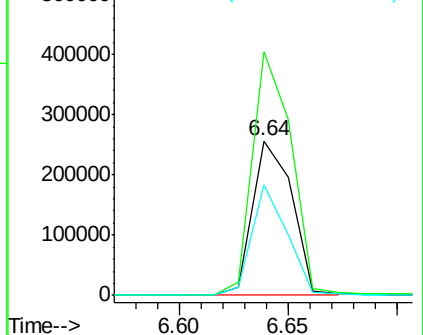
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.11 min
Lab File: BF090196.D
Acq: 23 Sep 2016 14:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 324899
Ion Ratio Lower Upper
152 100
150 158.0 128.9 193.3
115 71.9 55.5 83.3



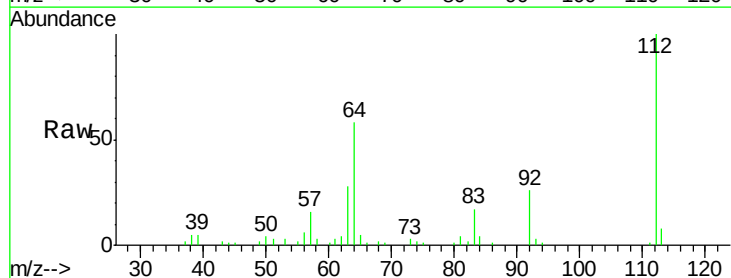
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



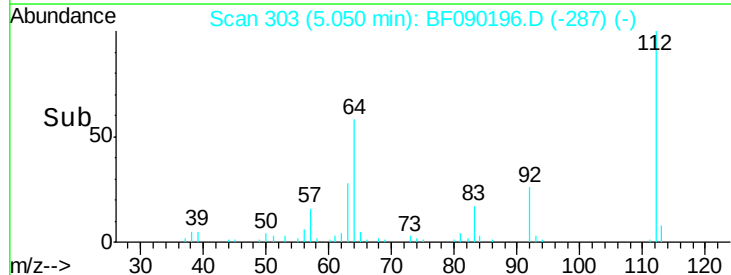
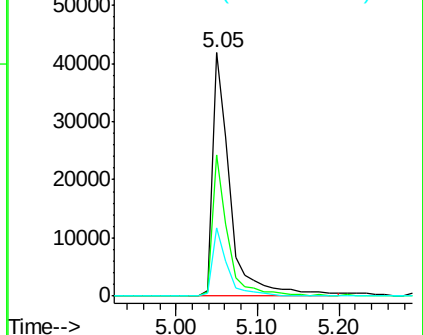
#5

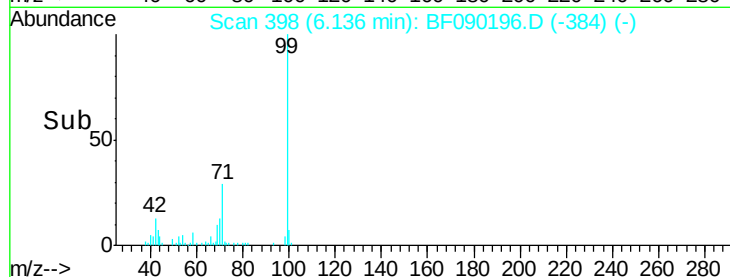
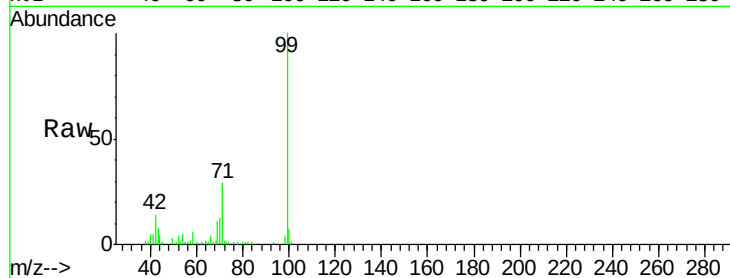
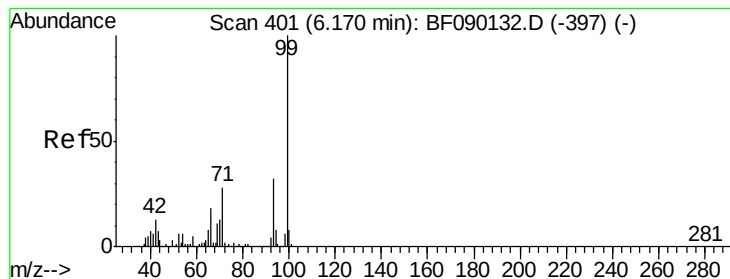
2-Fluorophenol
Concen: 3.16 ng
RT: 5.05 min Scan# 303
Delta R.T. -0.02 min
Lab File: BF090196.D
Acq: 23 Sep 2016 14:04

Tgt Ion:112 Resp: 62921
Ion Ratio Lower Upper
112 100
64 58.2 39.8 59.6
63 27.9 18.9 28.3



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: 3.16 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.03 min

Lab File: BF090196.D

Acq: 23 Sep 2016 14:04

Instrument :

BNA_F

ClientSampleId :

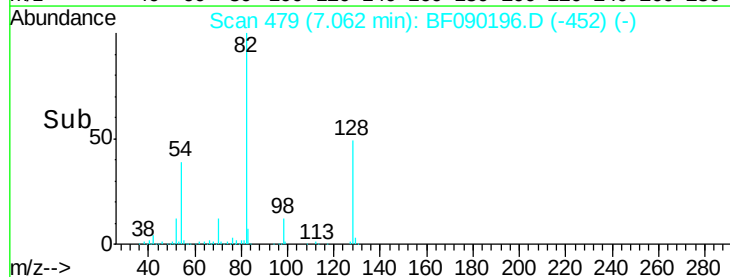
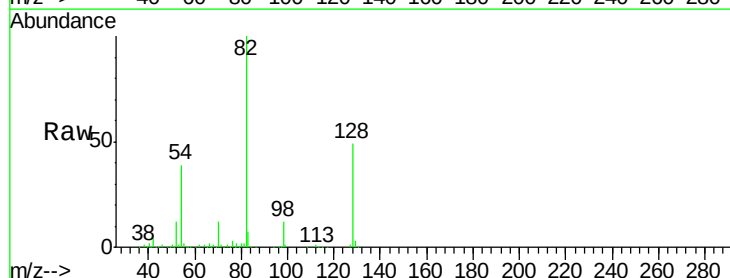
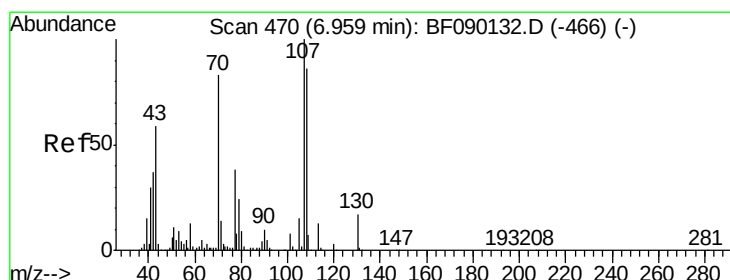
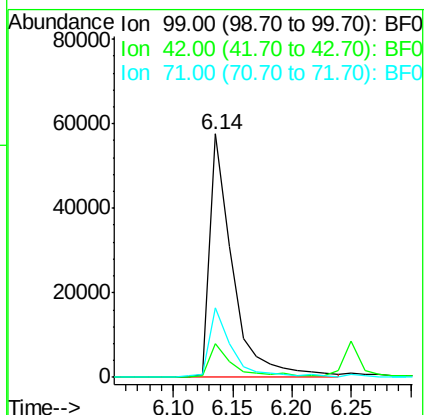
Tot Ion: 99 Resp: 77858

Ion Ratio Lower Upper

99 100

42 14.0 10.6 15.8

71 28.5 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 5.27 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.10 min

Lab File: BF090196.D

Acq: 23 Sep 2016 14:04

Tgt Ion: 70 Resp: 76255

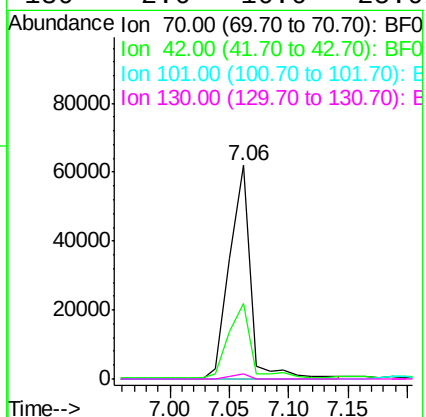
Ion Ratio Lower Upper

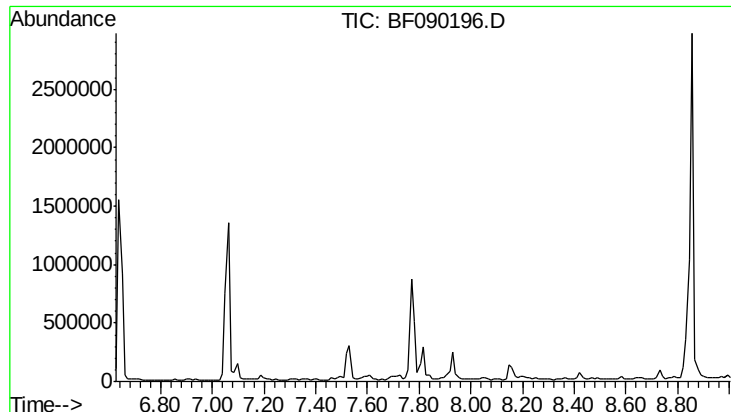
70 100

42 35.6 35.1 52.7

101 0.0 7.5 11.3#

130 2.6 16.6 25.0#

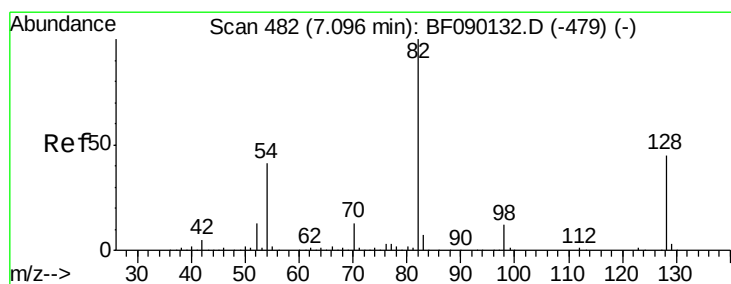
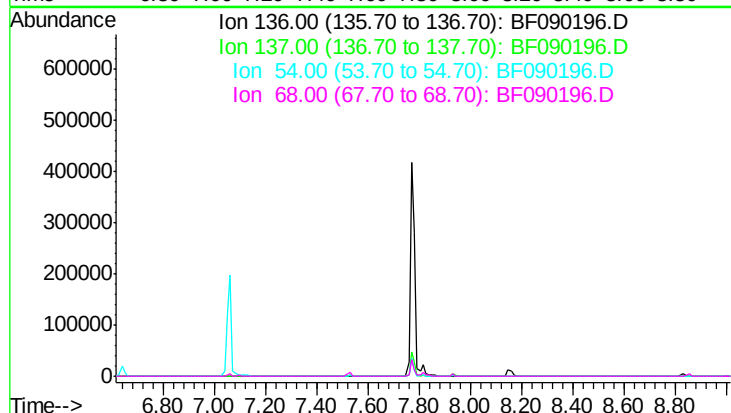




#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 7.82 min
Lab File: BF090196.D
Acq: 23 Sep 2016 14:04

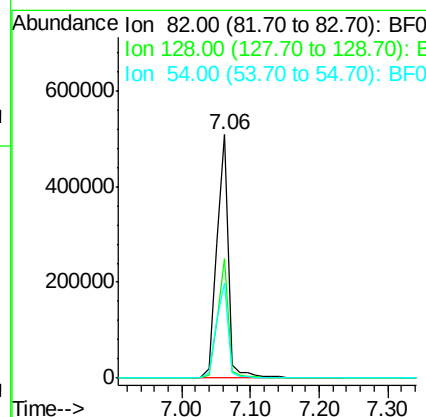
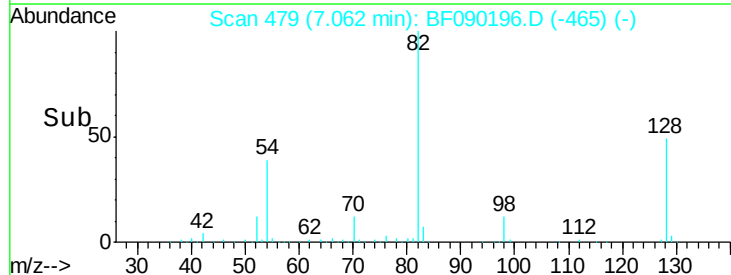
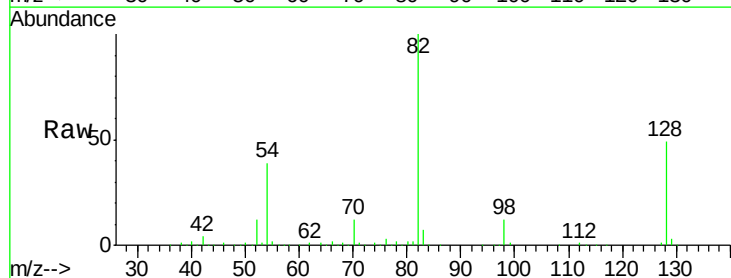
Instrument :
BNA_F
ClientSampleId :

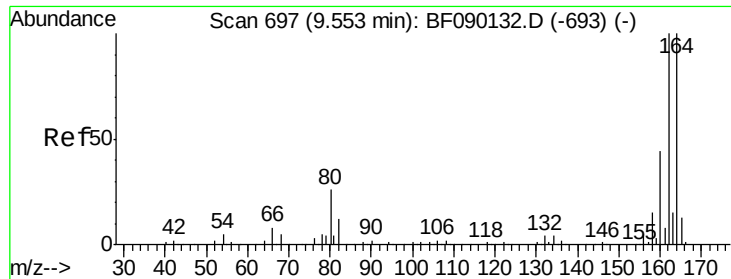
Tot Ion: 136
Sig Exp Ratio
136 100
137 11.2
54 8.0
68 7.9



#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.03 min
Lab File: BF090196.D
Acq: 23 Sep 2016 14:04

Tgt Ion: 82 Resp: 610094
Ion Ratio Lower Upper
82 100
128 49.0 37.5 56.3
54 38.9 31.9 47.9

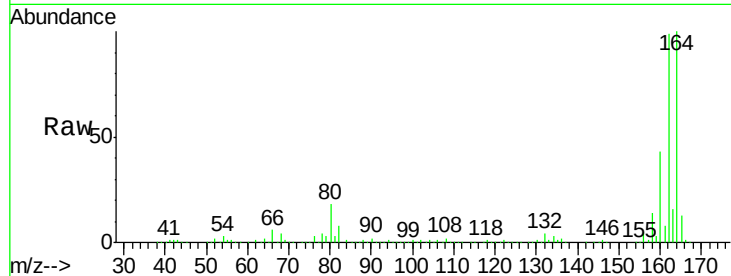




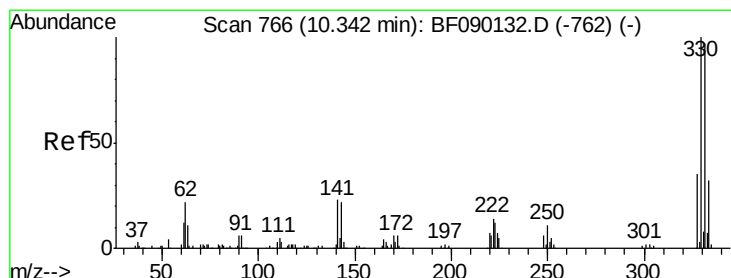
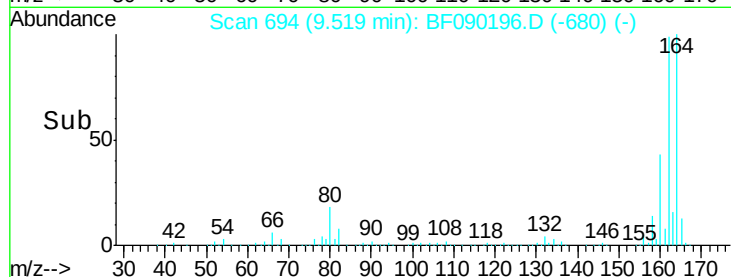
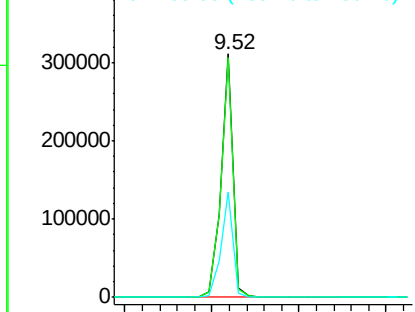
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.03 min
 Lab File: BF090196.D
 Acq: 23 Sep 2016 14:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 302395
 Ion Ratio Lower Upper
 164 100
 162 98.7 81.4 122.2
 160 43.4 36.6 54.8

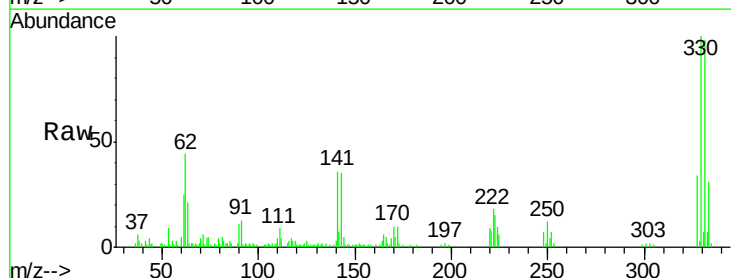


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

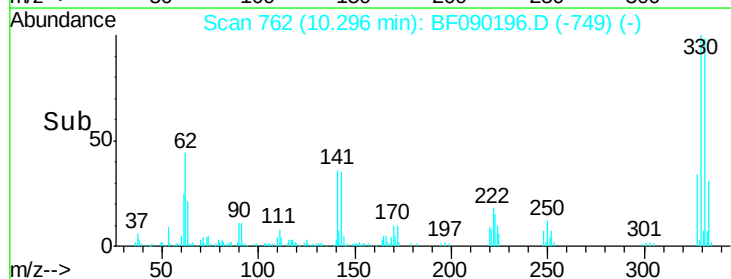
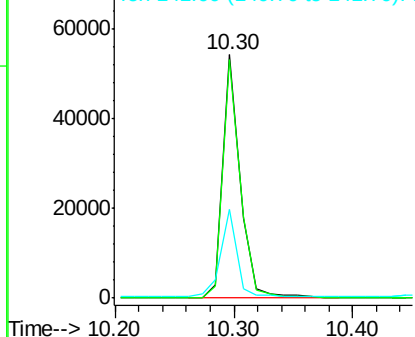


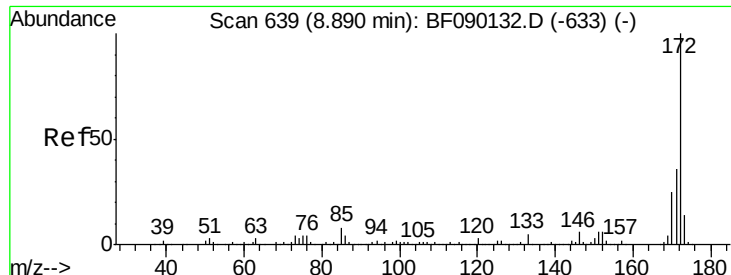
#41
 2,4,6-Tribromophenol
 Concen: 20.99 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.05 min
 Lab File: BF090196.D
 Acq: 23 Sep 2016 14:04

Tgt Ion:330 Resp: 54453
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.1 117.1
 141 35.5 23.9 35.9



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

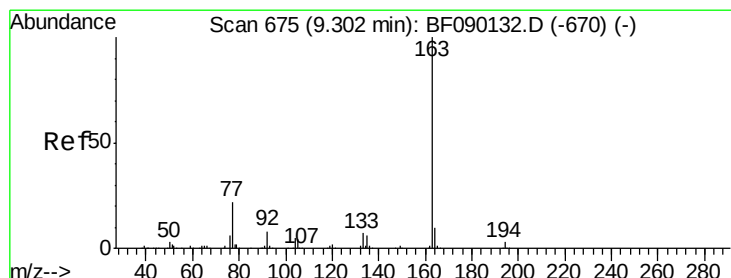
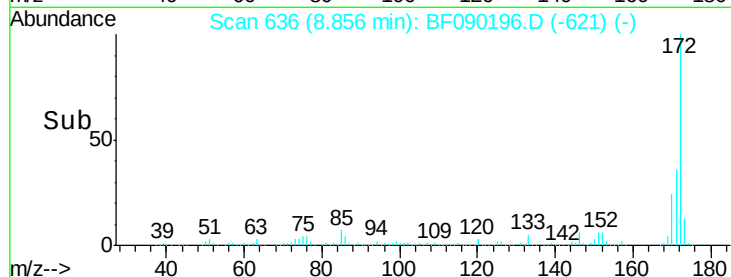
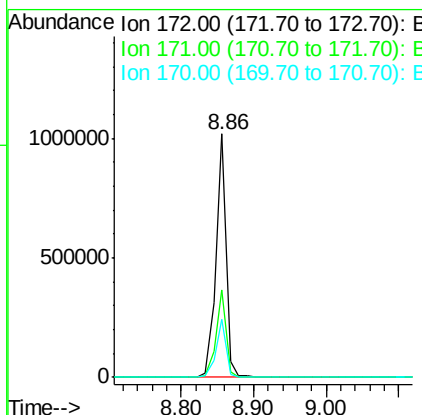
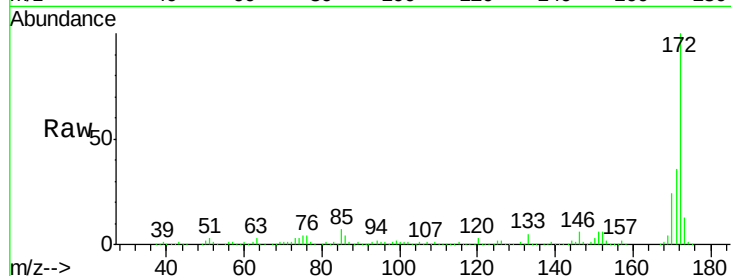




#44
 2-Fluorobiphenyl
 Concen: 64.89 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF090196.D
 Acq: 23 Sep 2016 14:04

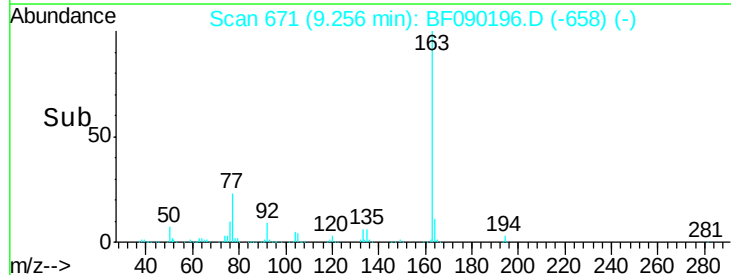
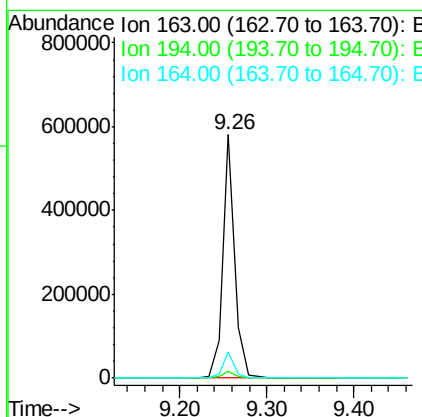
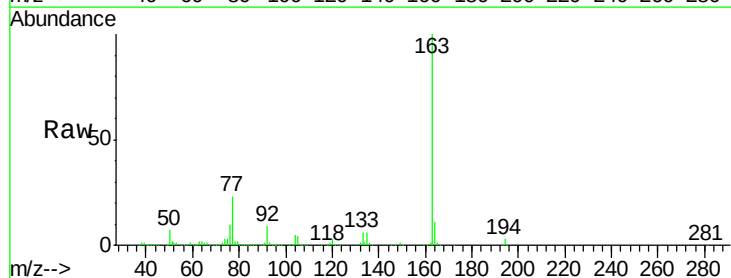
Instrument :
 BNA_F
 ClientSampleId :

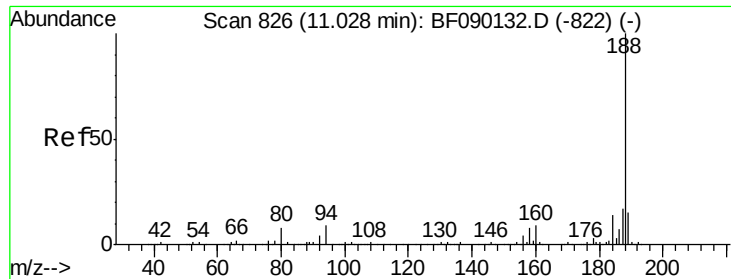
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	23.9	19.8	29.8



#49
 Dimethylphthalate
 Concen: 29.00 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.05 min
 Lab File: BF090196.D
 Acq: 23 Sep 2016 14:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	10.5	8.1	12.1

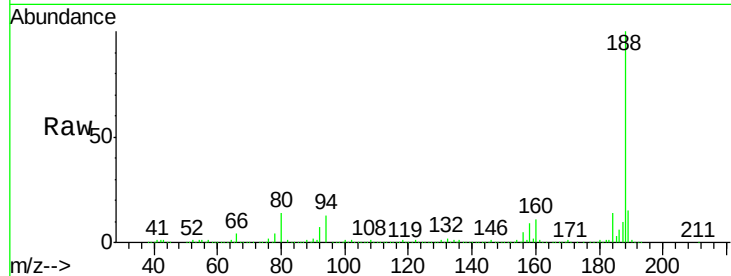




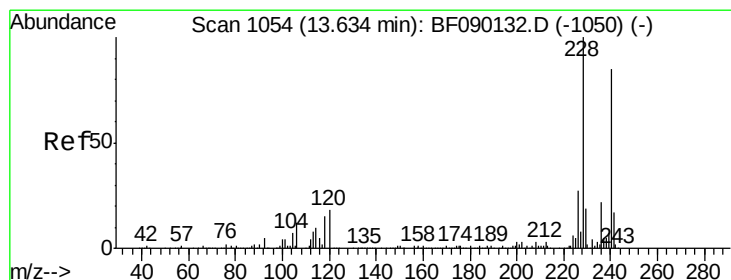
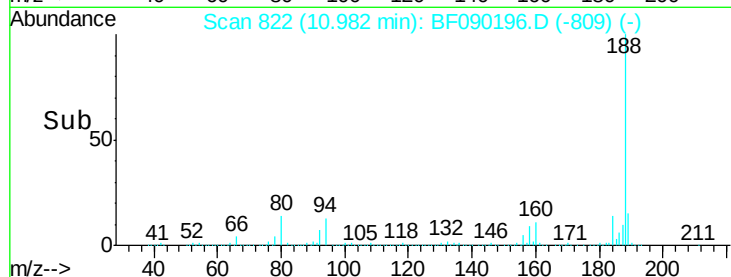
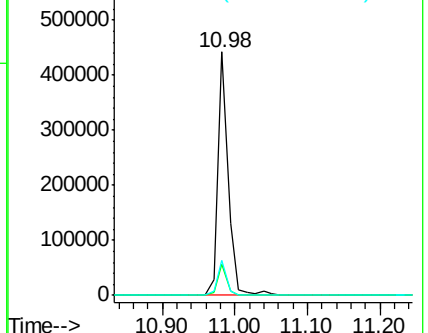
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.05 min
Lab File: BF090196.D
Acq: 23 Sep 2016 14:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 439680
Ion Ratio Lower Upper
188 100
94 13.0 10.5 15.7
80 14.2 11.2 16.8

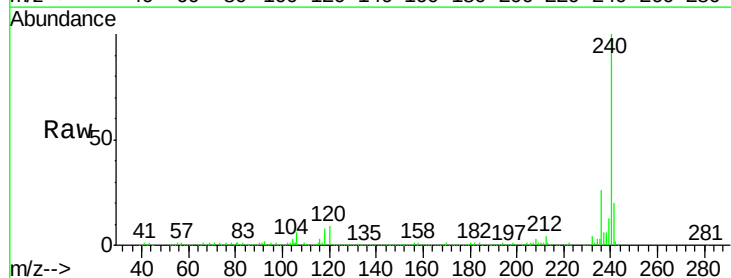


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

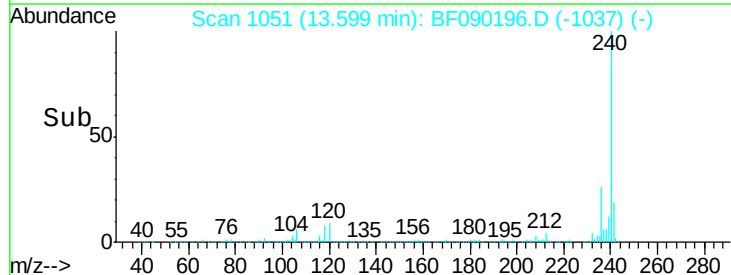
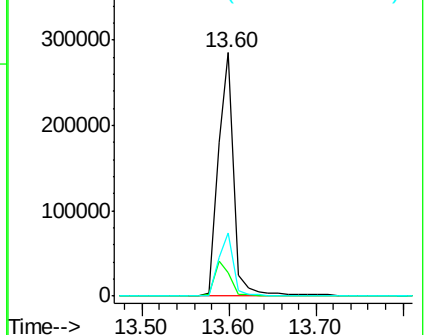


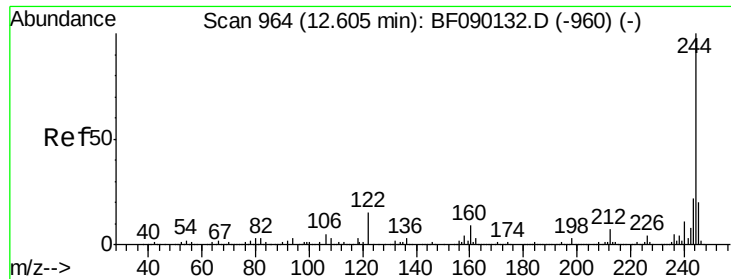
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.03 min
Lab File: BF090196.D
Acq: 23 Sep 2016 14:04

Tgt Ion:240 Resp: 361666
Ion Ratio Lower Upper
240 100
120 9.5 10.6 16.0#
236 26.1 21.6 32.4



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

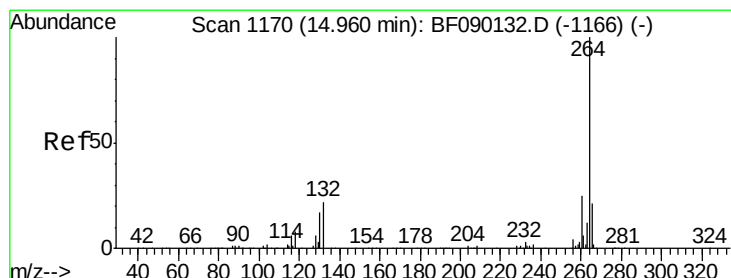
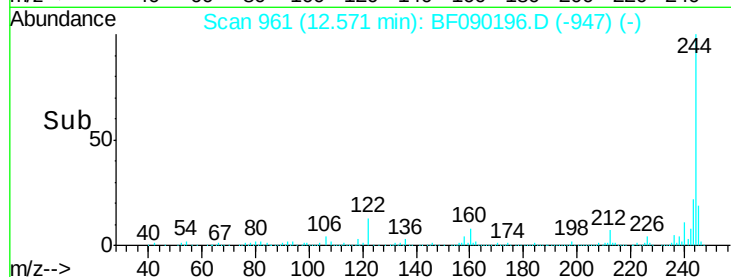
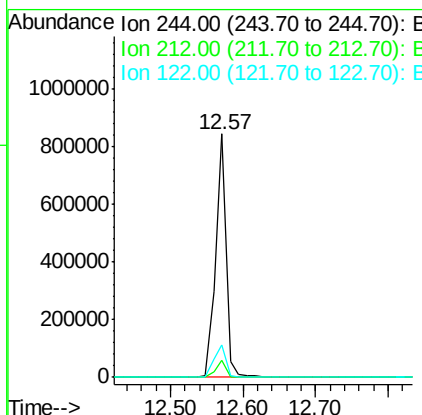
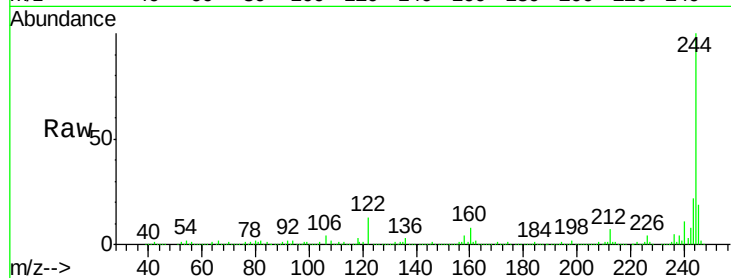




#78
 Terphenyl-d14
 Concen: 59.84 ng
 RT: 12.57 min Scan# 961
 Delta R.T. -0.03 min
 Lab File: BF090196.D
 Acq: 23 Sep 2016 14:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 852367
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 13.1 9.4 14.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.05 min
 Lab File: BF090196.D
 Acq: 23 Sep 2016 14:04

Tgt Ion:264 Resp: 285746
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.8 17.0 25.4

