

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092916\
 Data File : BF090305.D
 Acq On : 30 Sep 2016 00:14
 Operator : UM/SJ
 Sample : H5015-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

Quant Time: Sep 30 01:00:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

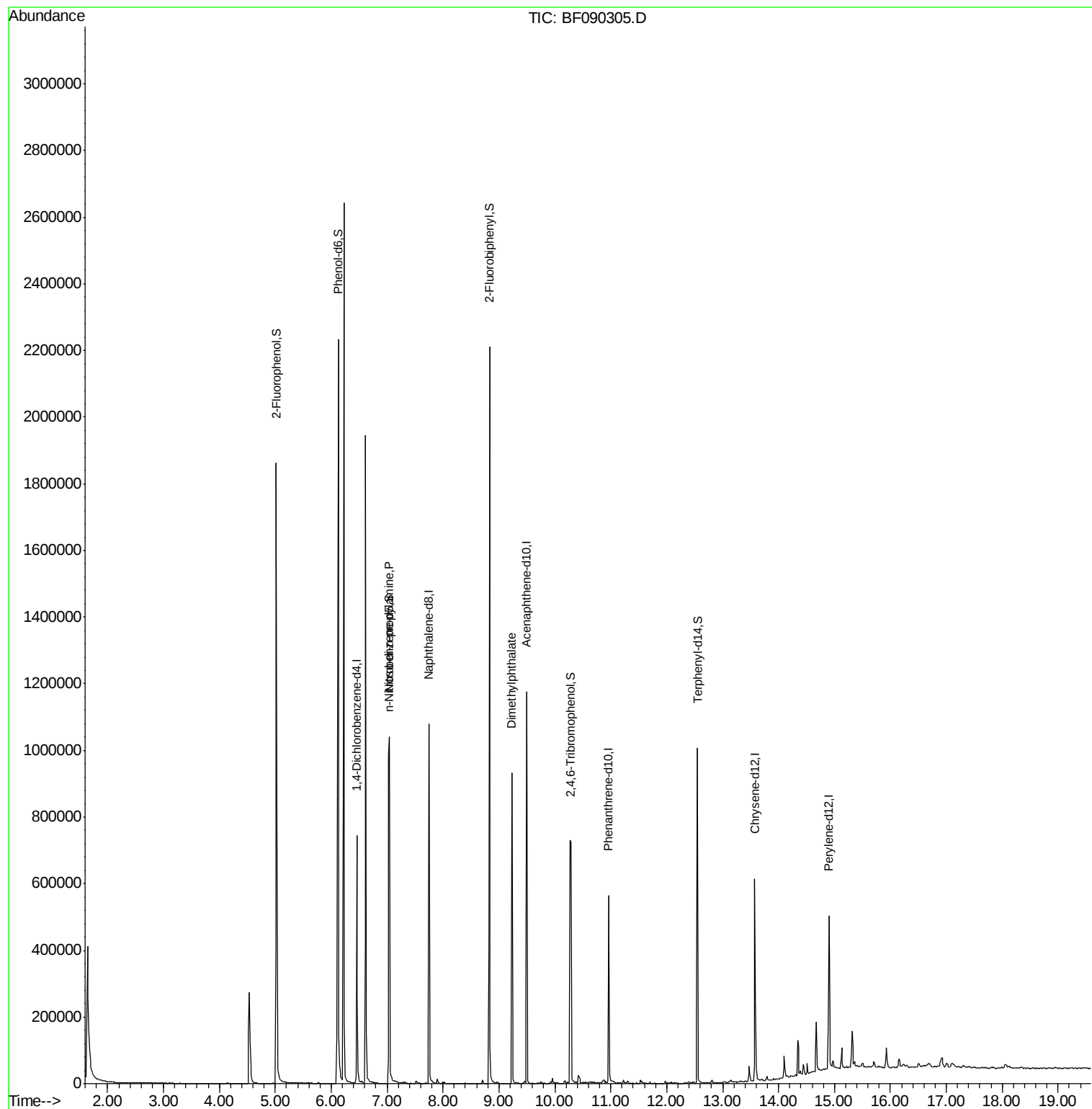
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	129652	20.00	ng	-0.02
21) Naphthalene-d8	7.75	136	493013	20.00	ng	-0.02
38) Acenaphthene-d10	9.50	164	247228	20.00	ng	-0.01
63) Phenanthrene-d10	10.96	188	302600	20.00	ng	-0.02
75) Chrysene-d12	13.58	240	241125	20.00	ng	-0.02
86) Perylene-d12	14.90	264	186309	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	737091	92.67	ng	-0.01
7) Phenol-d6	6.12	99	1087734	110.73	ng	-0.01
23) Nitrobenzene-d5	7.04	82	587785	69.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.28	330	156036	73.57	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	674336	53.55	ng	-0.02
78) Terphenyl-d14	12.55	244	308894	32.52	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.03	70	64447	11.17	ng	Qvalue # 83
49) Dimethylphthalate	9.23	163	387858	24.63	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: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF090305.D

Acq: 30 Sep 2016 00:14

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1

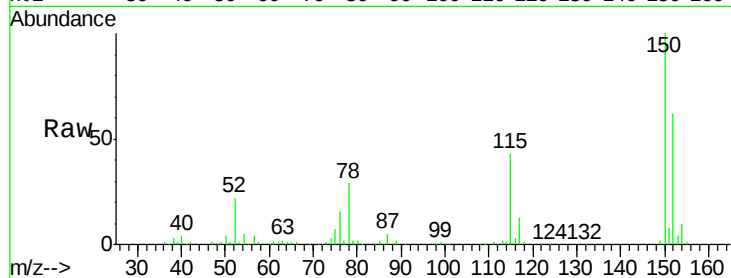
Tgt Ion:152 Resp: 129652

Ion Ratio Lower Upper

152 100

150 161.0 128.9 193.3

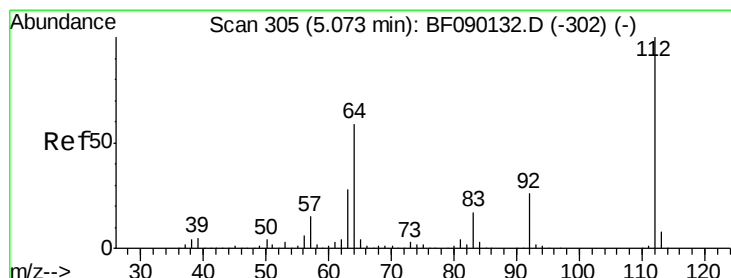
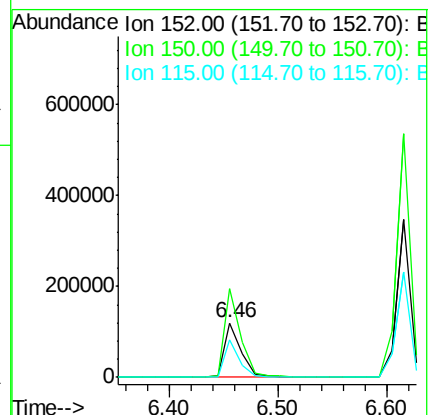
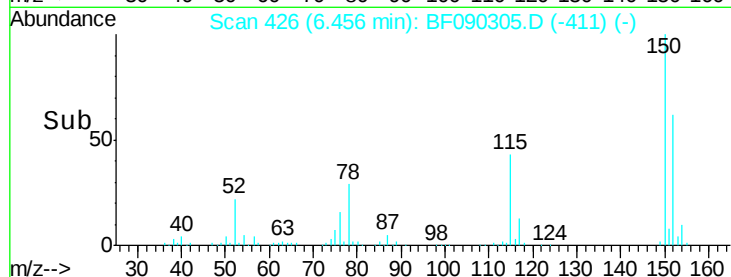
115 69.5 55.5 83.3



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: 92.67 ng

RT: 5.02 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF090305.D

Acq: 30 Sep 2016 00:14

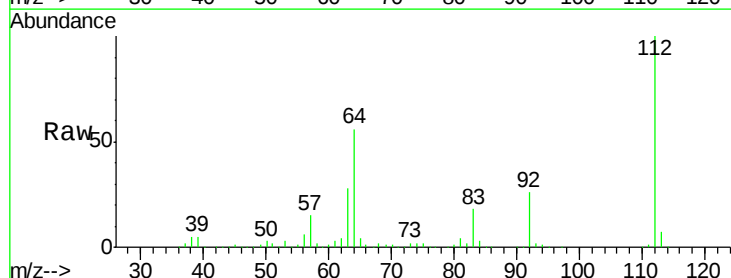
Tgt Ion:112 Resp: 737091

Ion Ratio Lower Upper

112 100

64 56.3 39.8 59.6

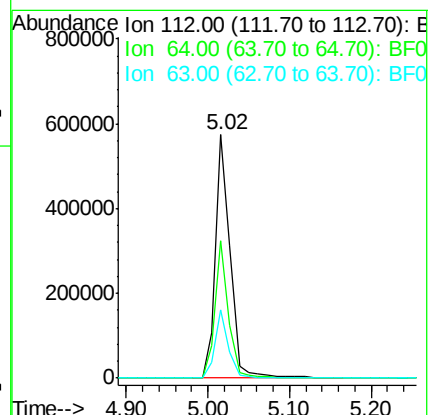
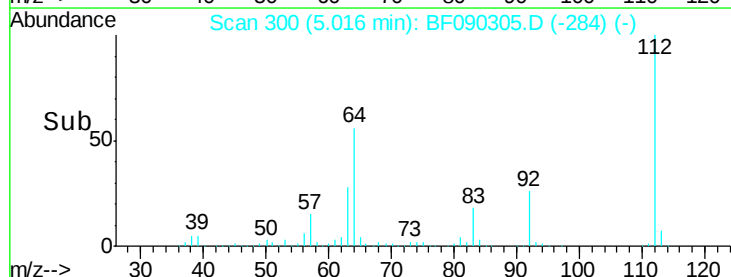
63 27.9 18.9 28.3

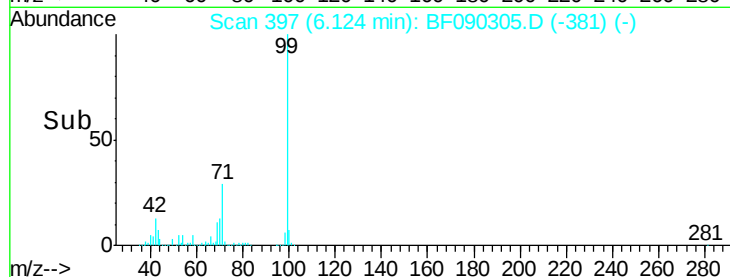
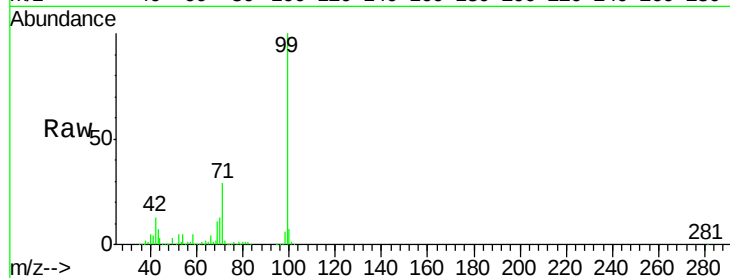
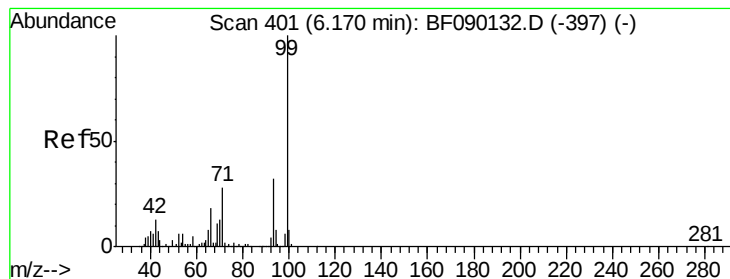


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.73 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090305.D

Acq: 30 Sep 2016 00:14

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1

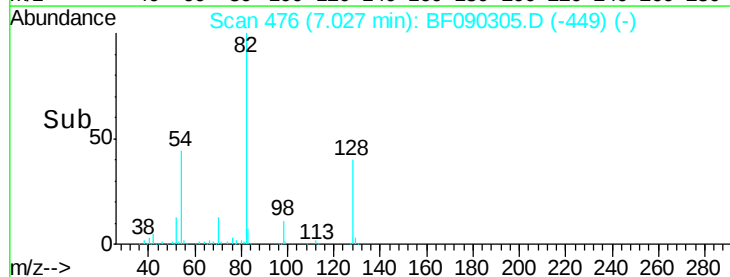
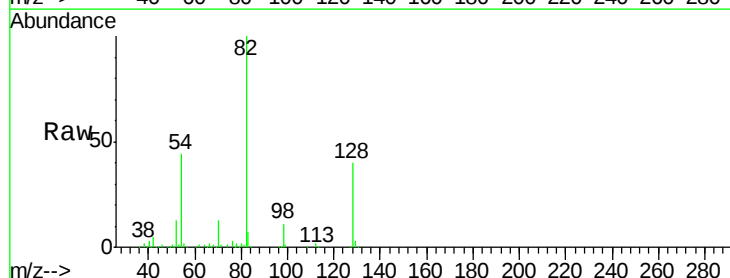
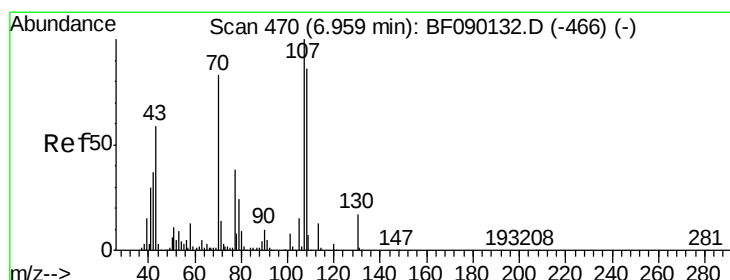
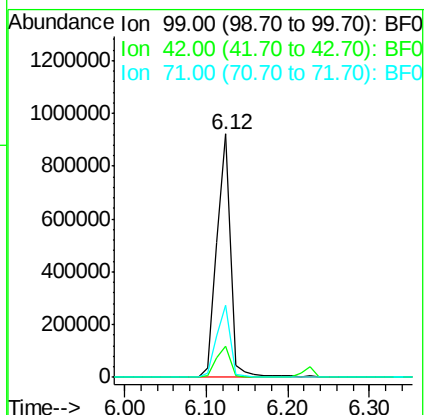
Tgt Ion: 99 Resp: 1087734

Ion Ratio Lower Upper

99 100

42 12.7 10.6 15.8

71 29.4 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 11.17 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.11 min

Lab File: BF090305.D

Acq: 30 Sep 2016 00:14

Tgt Ion: 70 Resp: 64447

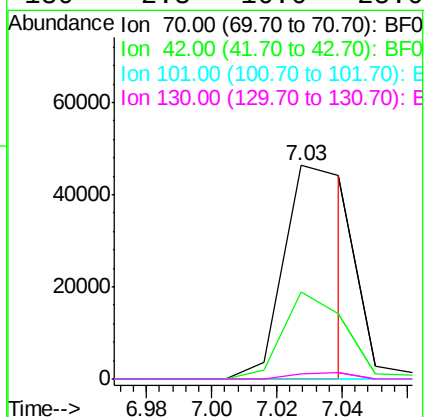
Ion Ratio Lower Upper

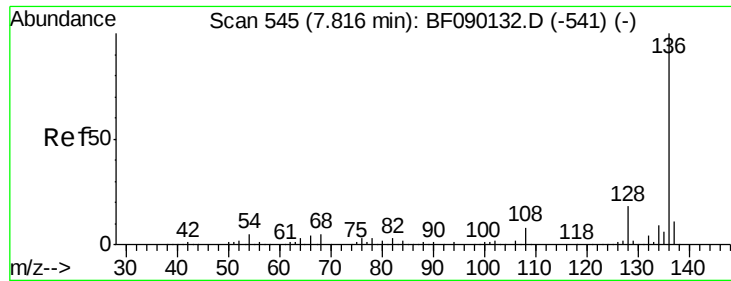
70 100

42 40.9 35.1 52.7

101 0.0 7.5 11.3#

130 2.3 16.6 25.0#

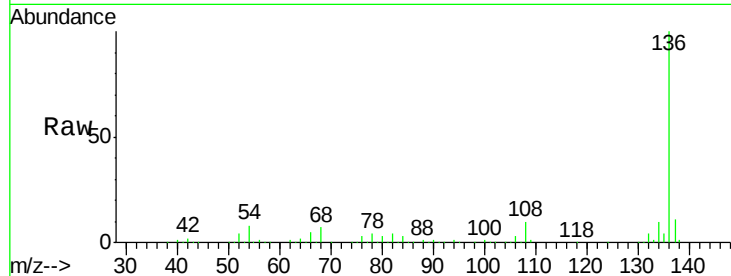




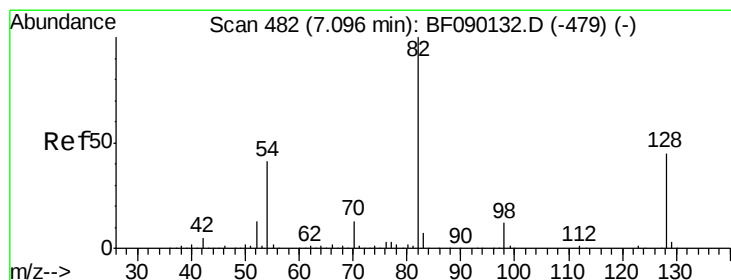
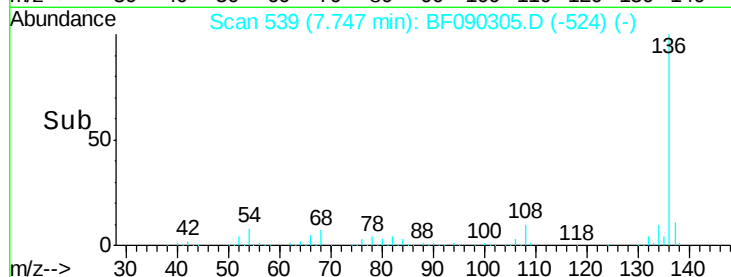
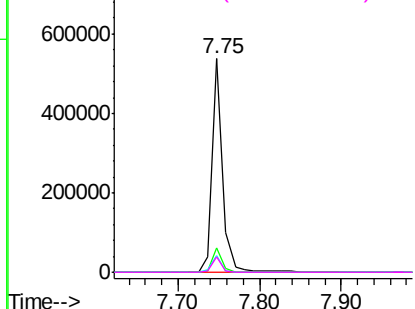
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF090305.D
Acq: 30 Sep 2016 00:14

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

Tgt Ion:	136	Resp:	493013
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.7	6.4	9.6
68	7.3	6.3	9.5

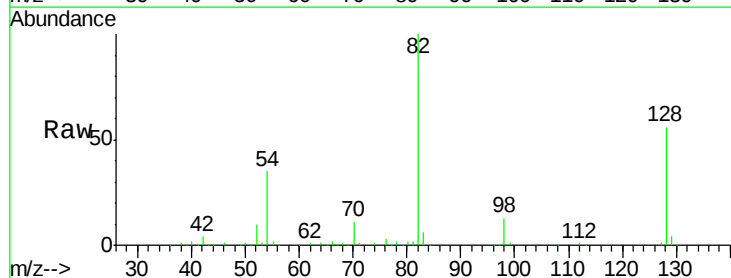


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

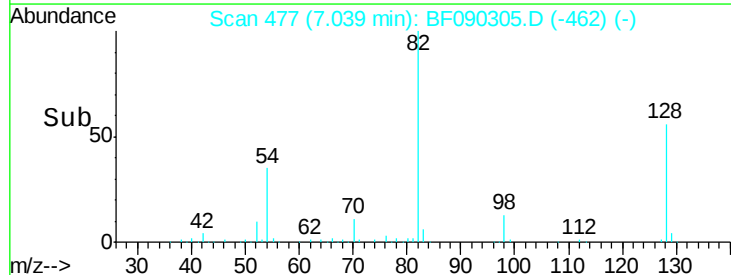
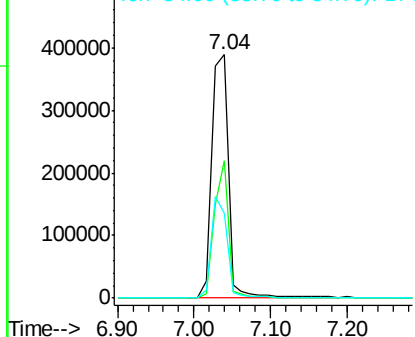


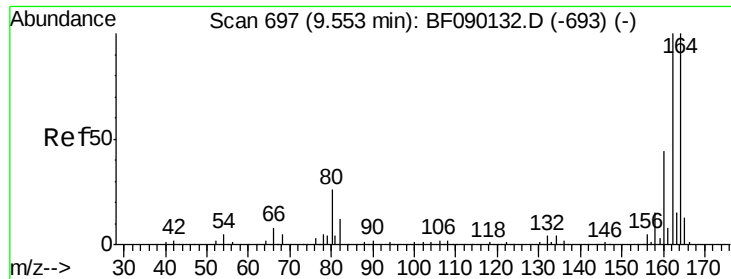
#23
Nitrobenzene-d5
Concen: 69.11 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF090305.D
Acq: 30 Sep 2016 00:14

Tgt Ion:	82	Resp:	587785
Ion	Ratio	Lower	Upper
82	100		
128	56.4	37.5	56.3#
54	34.7	31.9	47.9



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

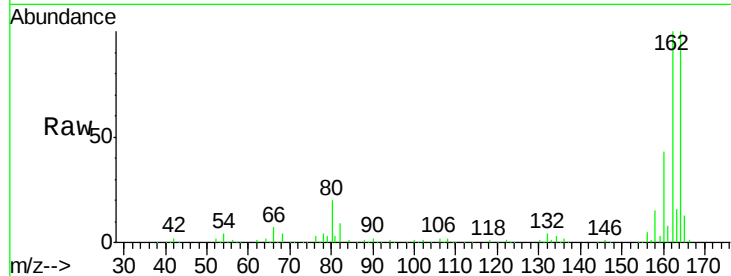




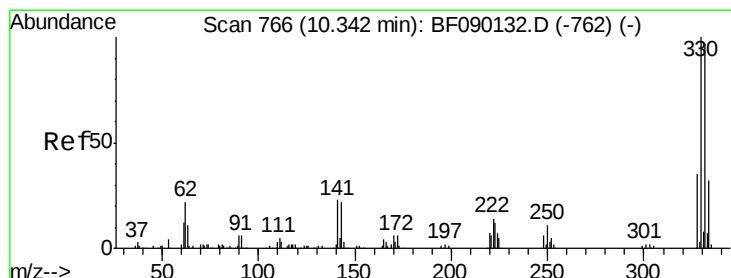
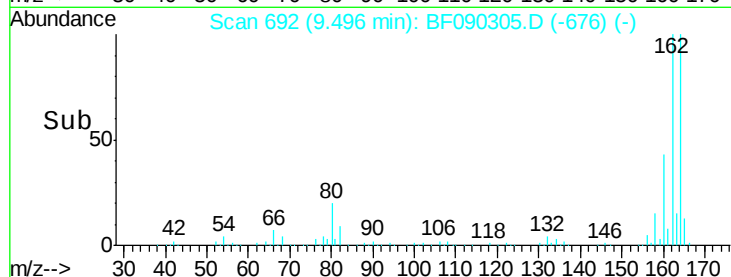
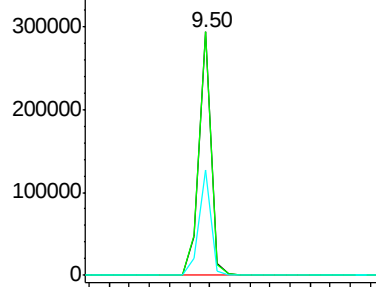
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF090305.D
Acq: 30 Sep 2016 00:14

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

Tgt Ion:164 Resp: 247228
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.2
160 43.5 36.6 54.8

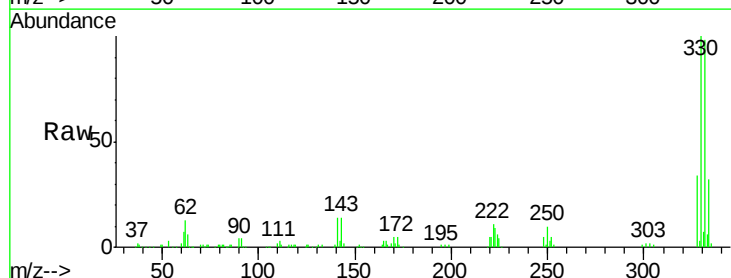


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

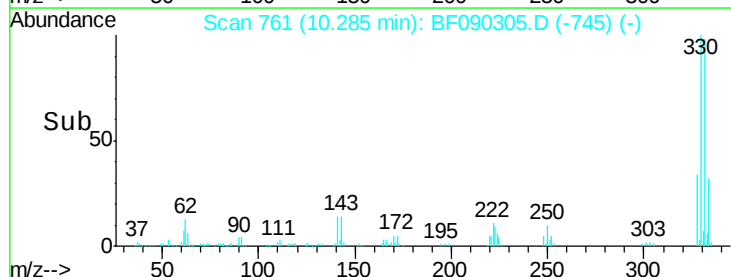
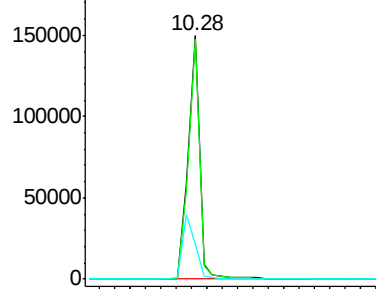


#41
2,4,6-Tribromophenol
Concen: 73.57 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF090305.D
Acq: 30 Sep 2016 00:14

Tgt Ion:330 Resp: 156036
Ion Ratio Lower Upper
330 100
332 96.4 78.1 117.1
141 29.3 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

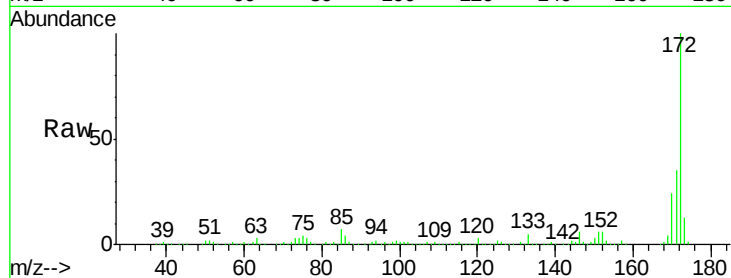




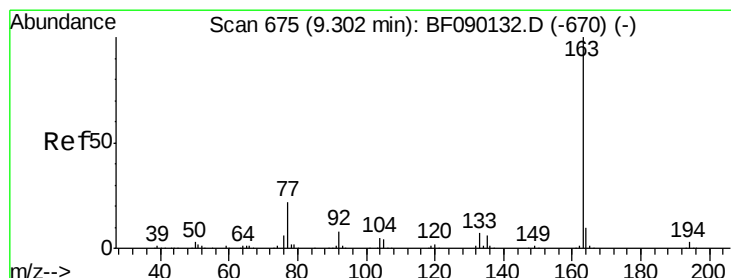
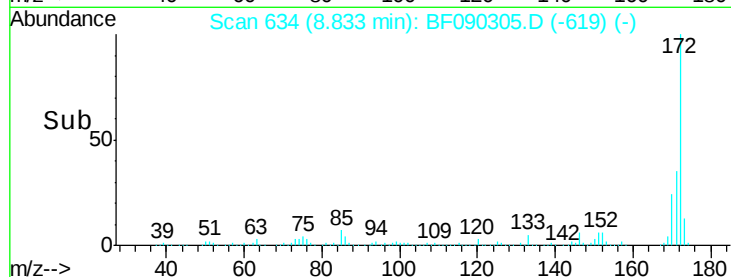
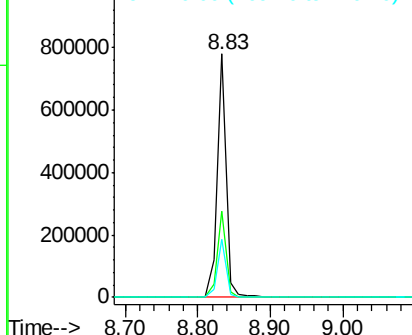
#44
 2-Fluorobiphenyl
 Concen: 53.55 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF090305.D
 Acq: 30 Sep 2016 00:14

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

Tgt Ion:172 Resp: 674336
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.2 43.8
 170 24.0 19.8 29.8

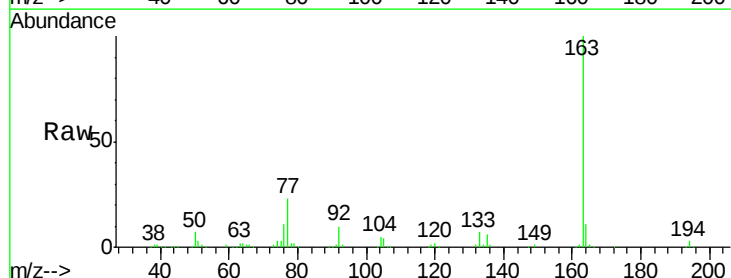


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

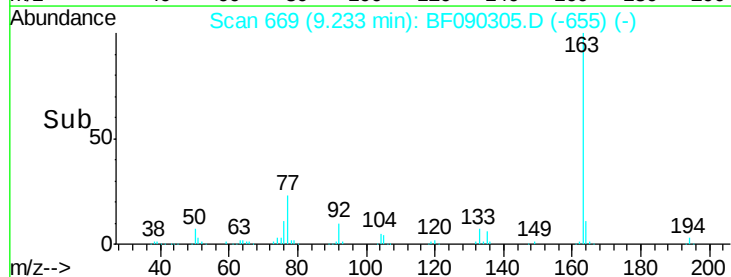
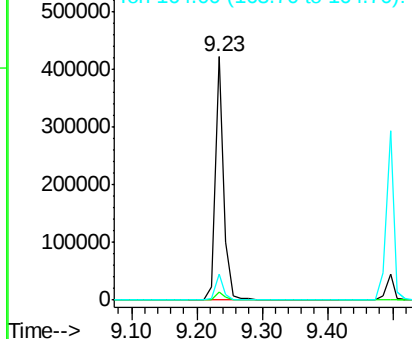


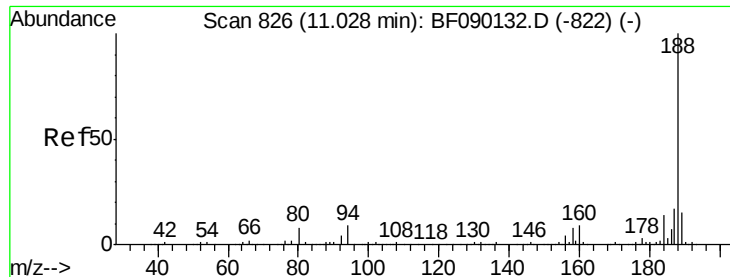
#49
 Dimethylphthalate
 Concen: 24.63 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.03 min
 Lab File: BF090305.D
 Acq: 30 Sep 2016 00:14

Tgt Ion:163 Resp: 387858
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.8 4.2
 164 10.5 8.1 12.1



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

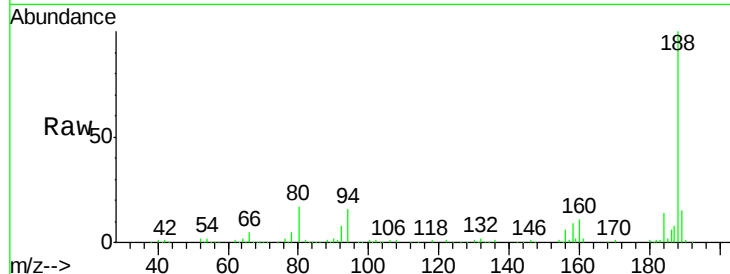




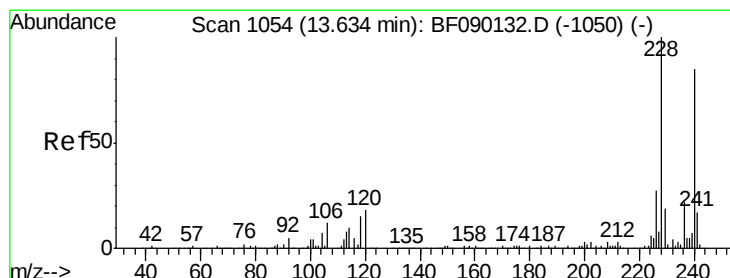
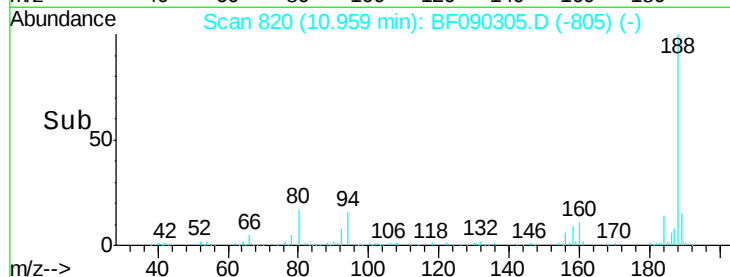
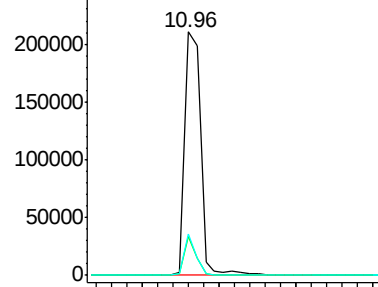
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.96 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF090305.D
Acq: 30 Sep 2016 00:14

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

Tgt Ion:188 Resp: 302600
Ion Ratio Lower Upper
188 100
94 15.7 10.5 15.7
80 17.0 11.2 16.8#

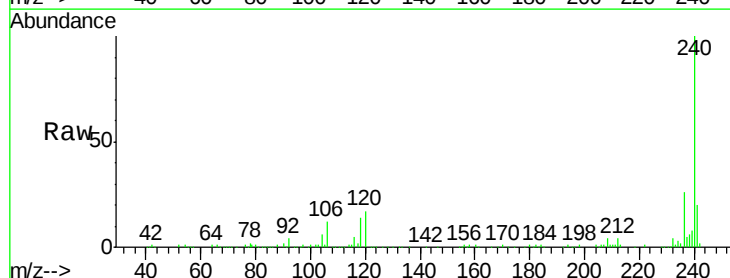


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

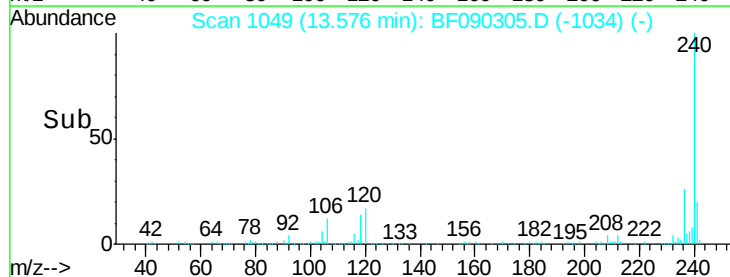
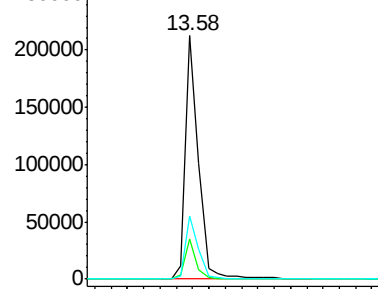


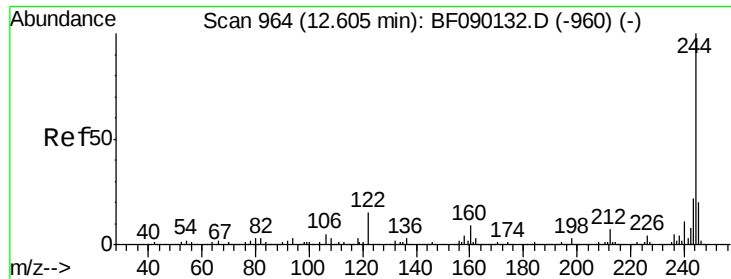
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF090305.D
Acq: 30 Sep 2016 00:14

Tgt Ion:240 Resp: 241125
Ion Ratio Lower Upper
240 100
120 16.6 10.6 16.0#
236 26.0 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

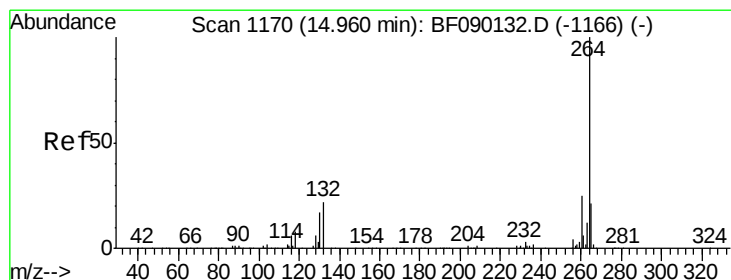
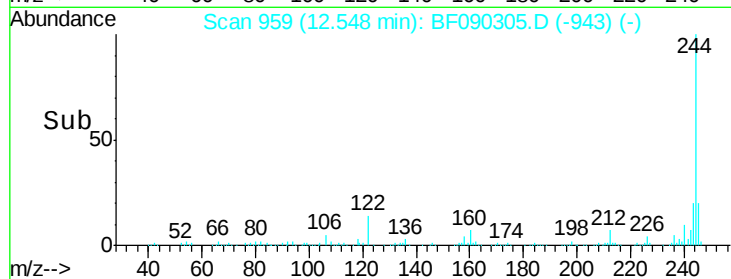
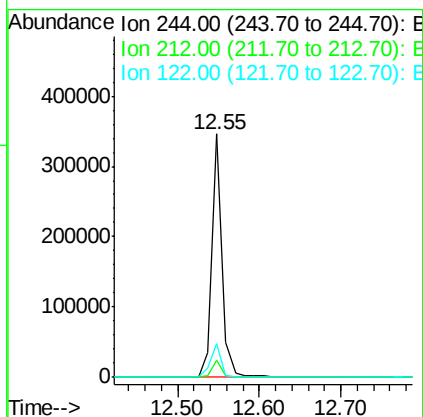
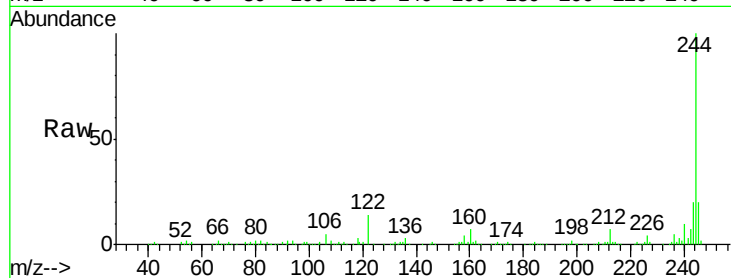




#78
 Terphenyl-d14
 Concen: 32.52 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF090305.D
 Acq: 30 Sep 2016 00:14

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

Tgt Ion:244 Resp: 308894
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 14.0 9.4 14.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF090305.D
 Acq: 30 Sep 2016 00:14

Tgt Ion:264 Resp: 186309
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 22.1 17.0 25.4

