

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 01:25:37 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

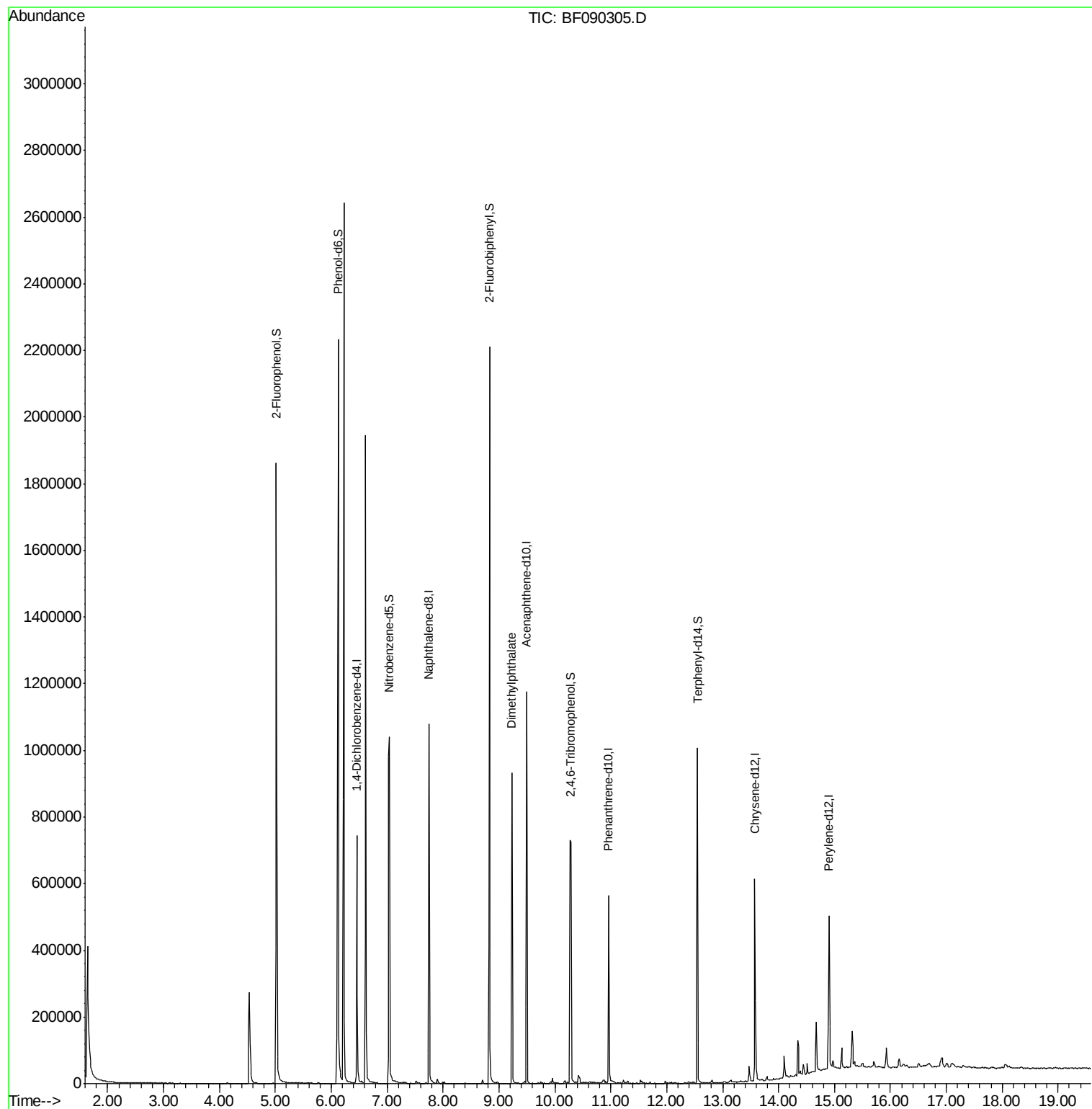
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	129652	20.00	ng	-0.02
21) Naphthalene-d8	7.75	136	493013	20.00	ng	-0.02
38) Acenaphthene-d10	9.50	164	247228	20.00	ng	-0.01
63) Phenanthrene-d10	10.96	188	302600	20.00	ng	-0.02
75) Chrysene-d12	13.58	240	241125	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						Qvalue
49) Dimethylphthalate	9.23	163	387858	24.63	ng	99

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

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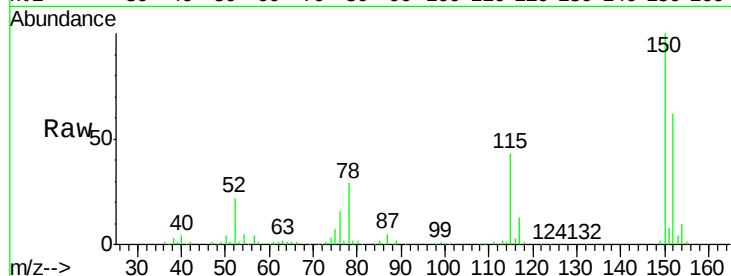


#1

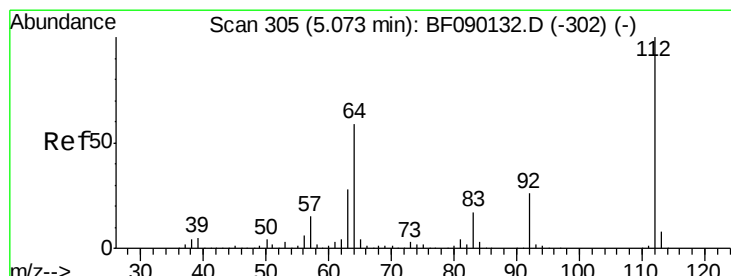
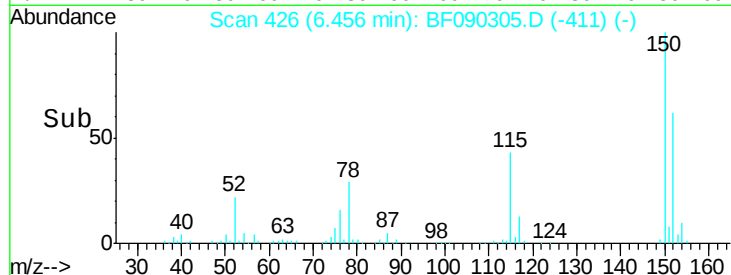
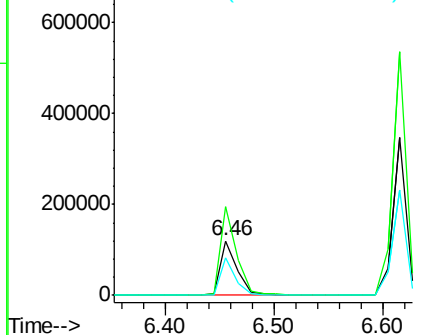
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.46 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF090305.D
 Acq: 30 Sep 2016 00:14

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	128.9	193.3
115	69.5	55.5	83.3



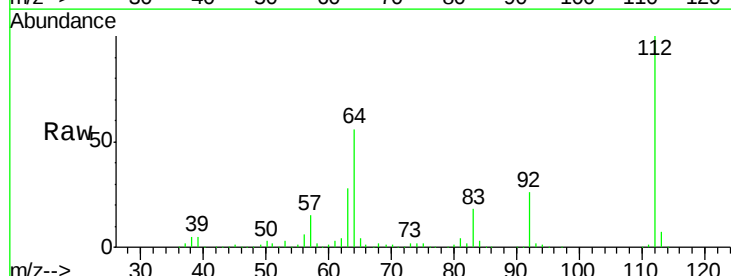
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



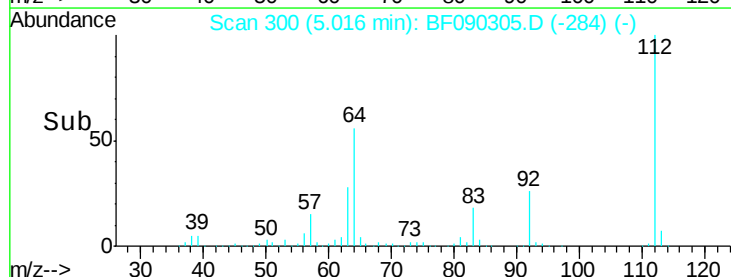
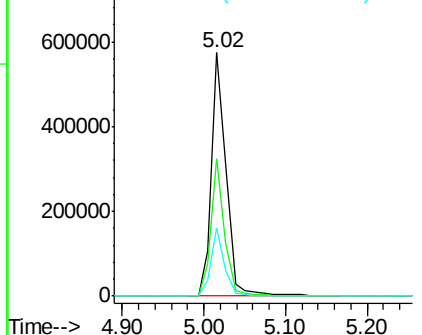
#5

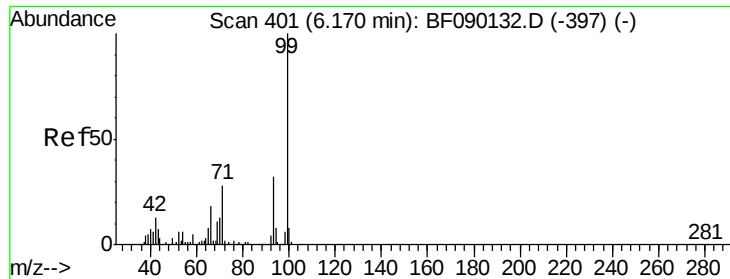
2-Fluorophenol
 Concen: 92.67 ng
 RT: 5.02 min Scan# 300
 Delta R.T. -0.01 min
 Lab File: BF090305.D
 Acq: 30 Sep 2016 00:14

Tgt Ion	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

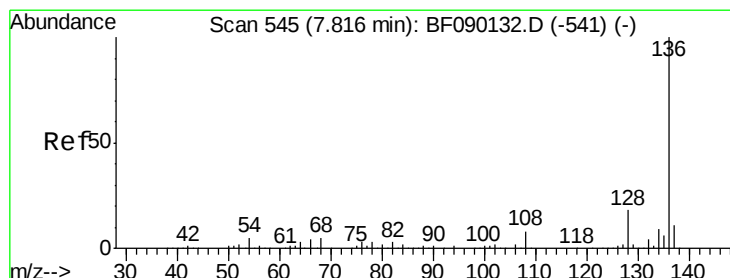
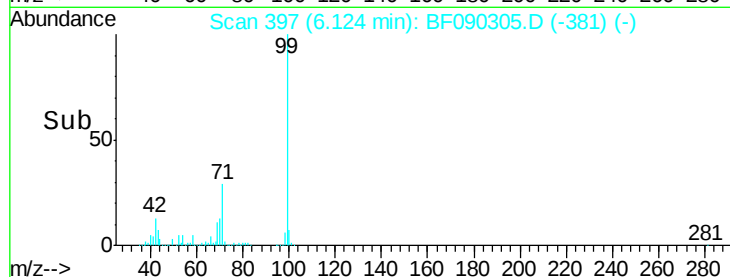
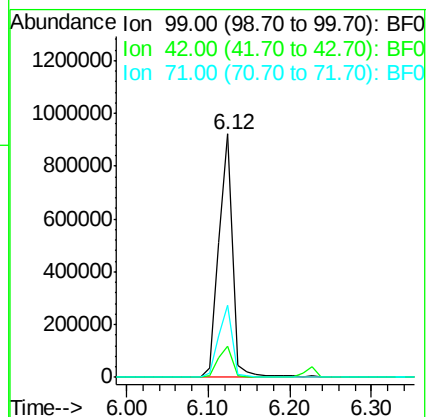
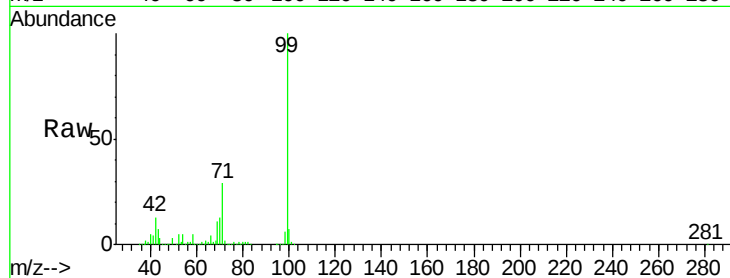
Tot Ion: 99 Resp: 1087734

Ion Ratio Lower Upper

99 100

42 12.7 10.6 15.8

71 29.4 23.0 34.6



#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

Tgt Ion: 136 Resp: 493013

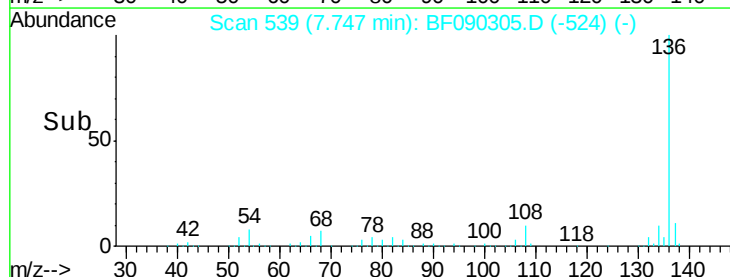
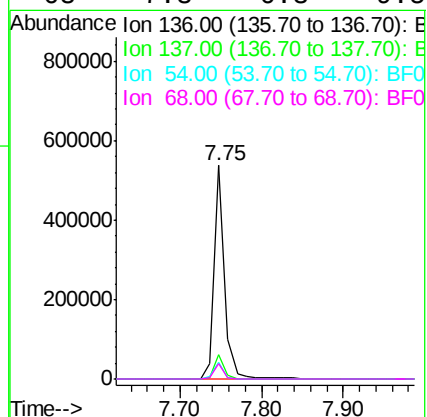
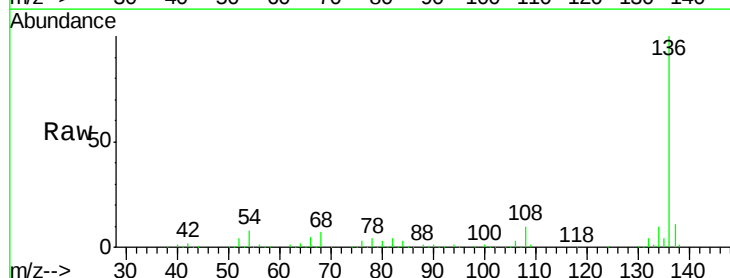
Ion Ratio Lower Upper

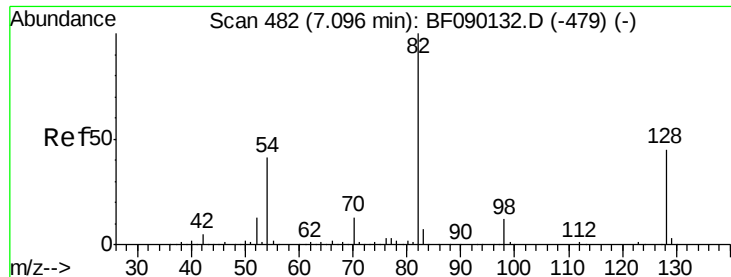
136 100

137 11.1 9.0 13.4

54 7.7 6.4 9.6

68 7.3 6.3 9.5

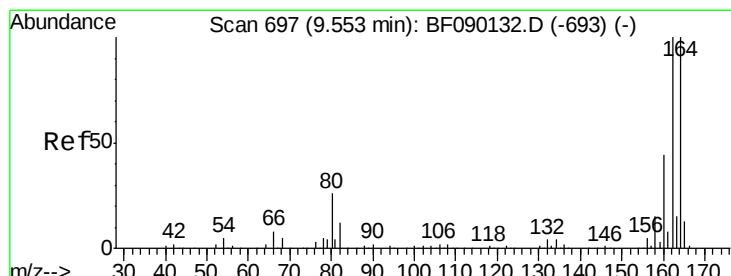
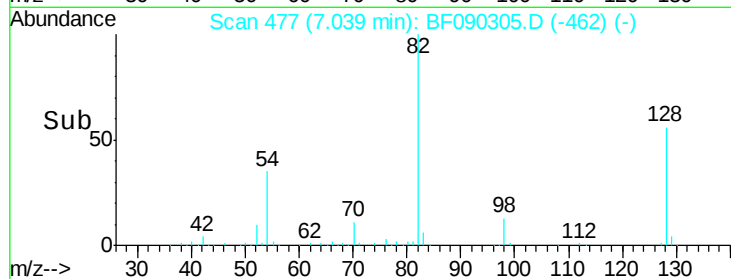
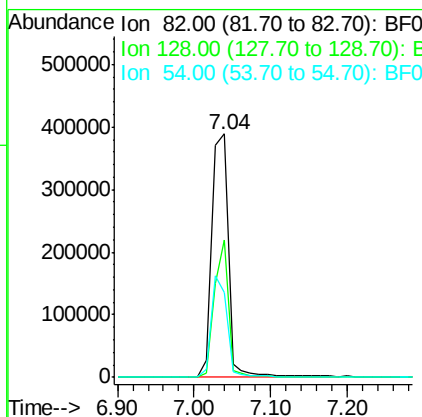
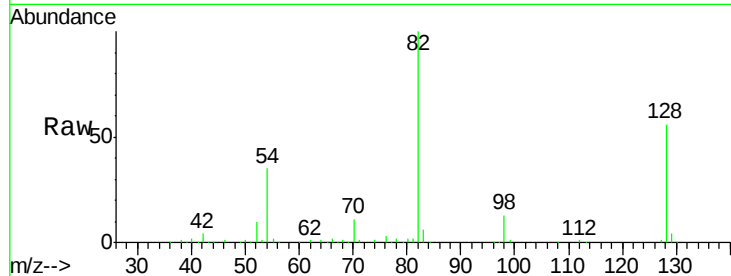




#23
 Nitrobenzene-d5
 Concen: 69.11 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.02 min
 Lab File: BF090305.D
 Acq: 30 Sep 2016 00:14

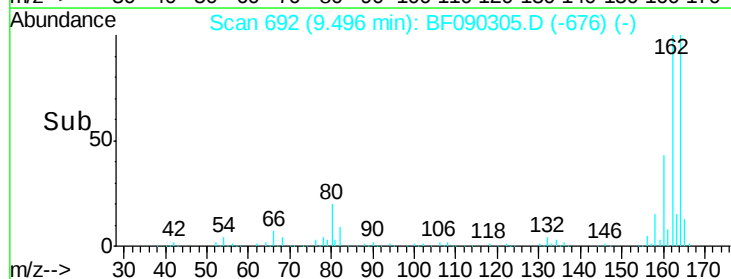
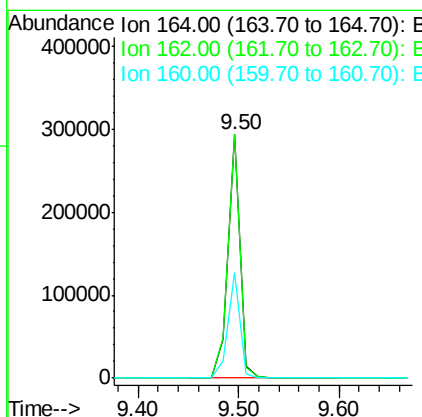
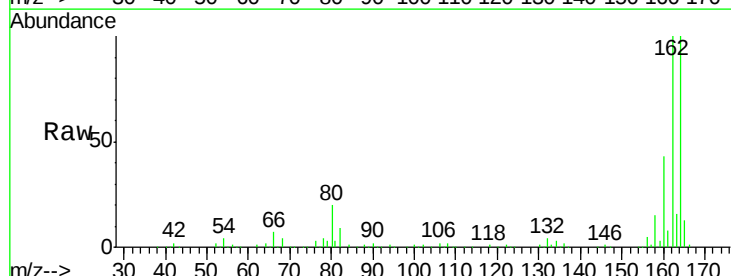
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

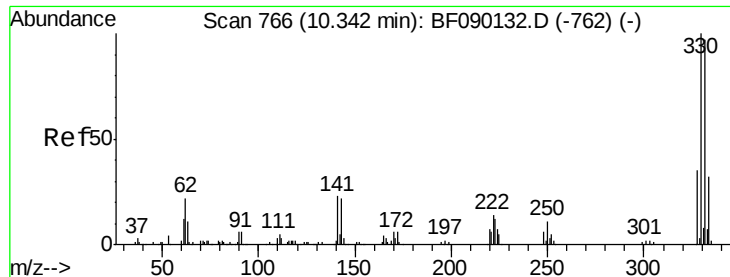
Tot Ion: 82 Resp: 587785
 Ion Ratio Lower Upper
 82 100
 128 56.4 37.5 56.3#
 54 34.7 31.9 47.9



#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

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

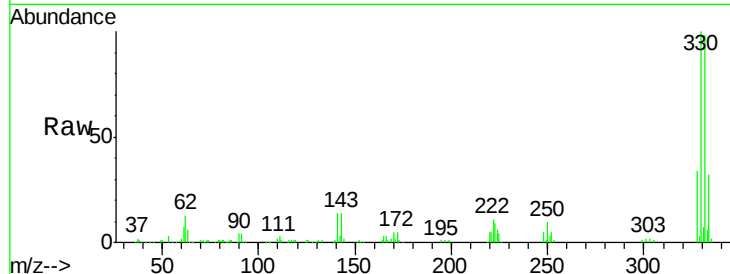




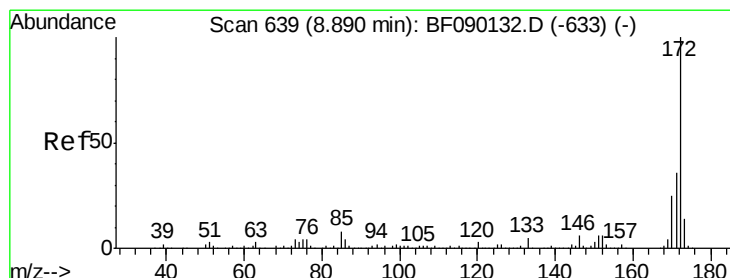
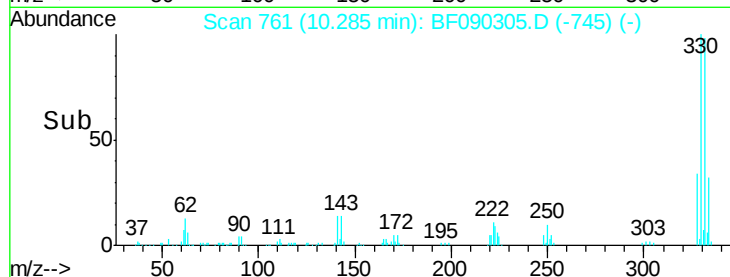
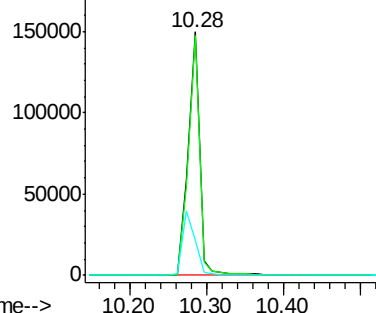
#41
 2,4,6-Tribromophenol
 Concen: 73.57 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF090305.D
 Acq: 30 Sep 2016 00:14

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.1	117.1
141	29.3	23.9	35.9

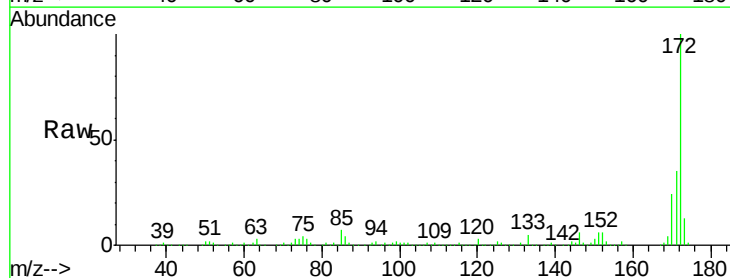


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

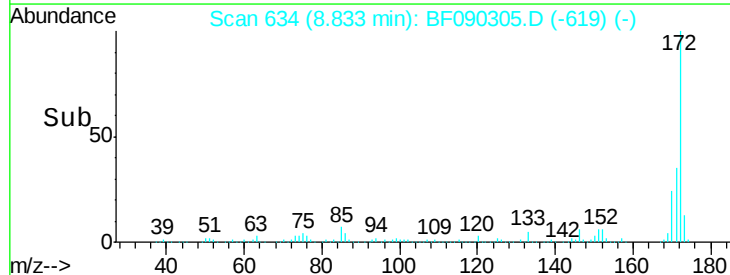
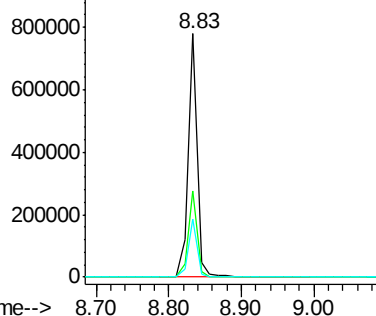


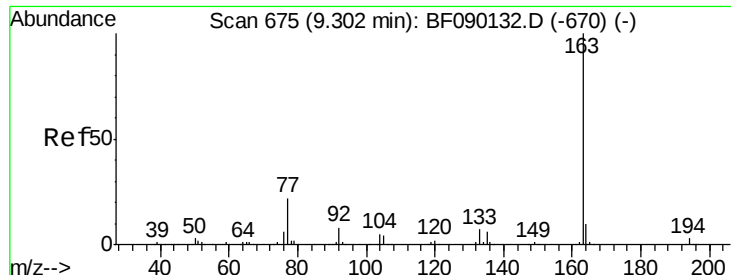
#44
 2-Fluorobiphenyl
 Concen: 53.55 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF090305.D
 Acq: 30 Sep 2016 00:14

Tgt 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

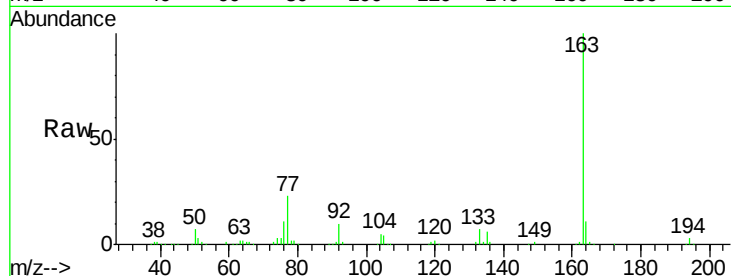




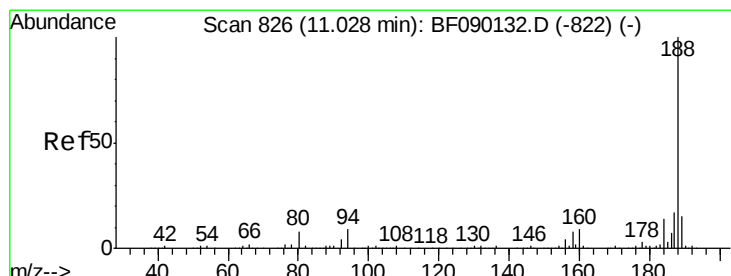
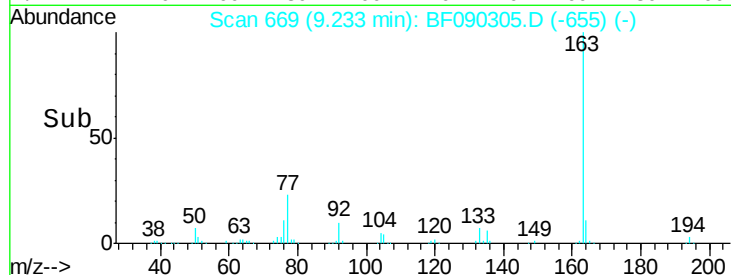
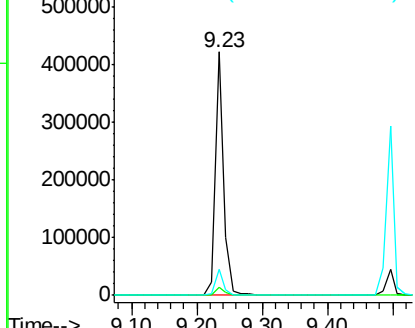
#49
Dimethylphthalate
Concen: 24.63 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF090305.D
Acq: 30 Sep 2016 00:14

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

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

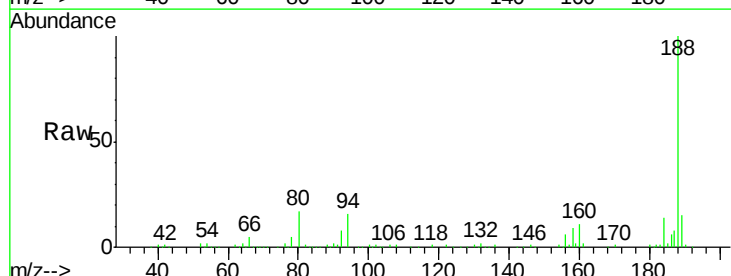


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

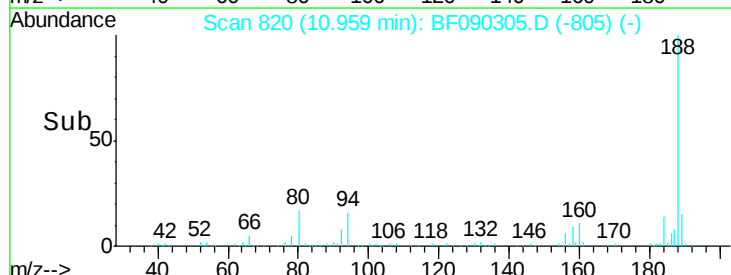
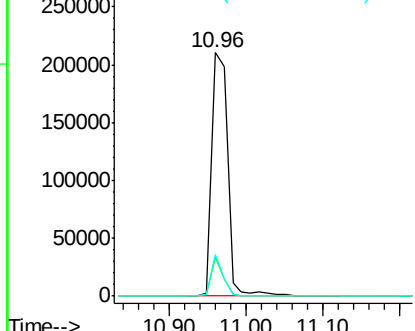


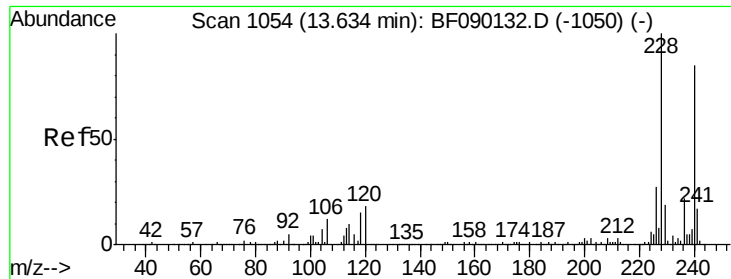
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.96 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF090305.D
Acq: 30 Sep 2016 00:14

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

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1

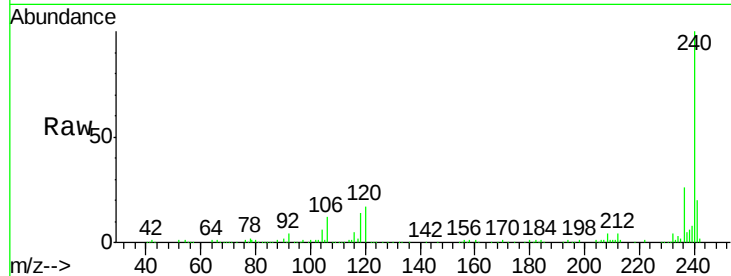
Tot Ion:240 Resp: 241125

Ion Ratio Lower Upper

240 100

120 16.6 10.6 16.0#

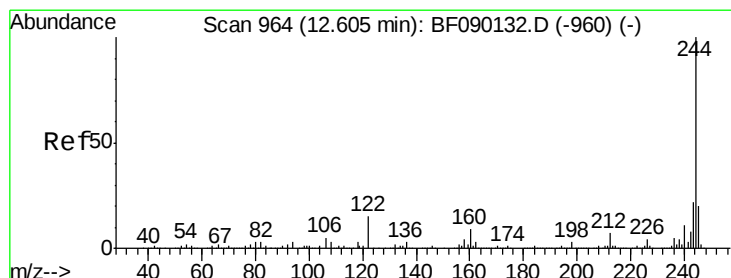
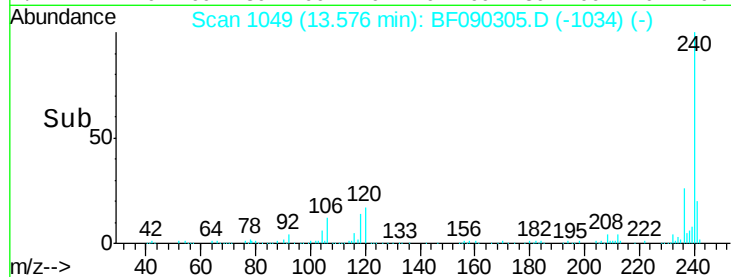
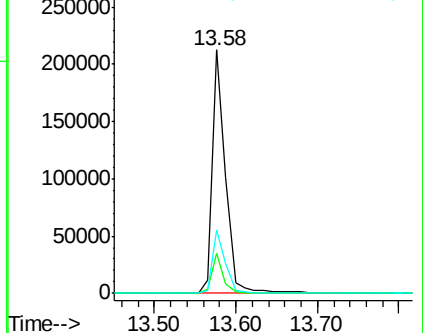
236 26.0 21.6 32.4



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

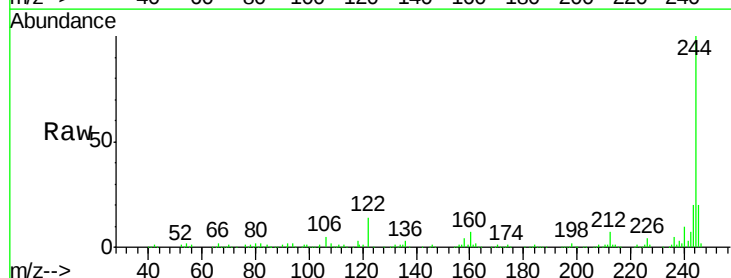
Tgt Ion:244 Resp: 308894

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

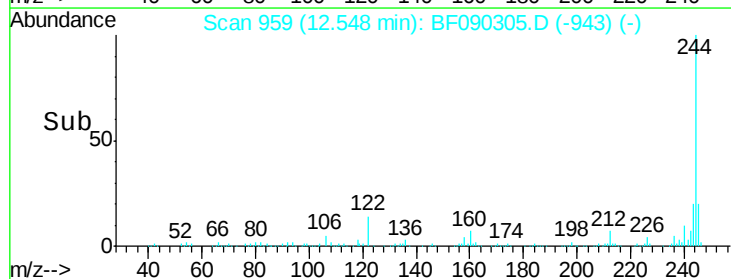
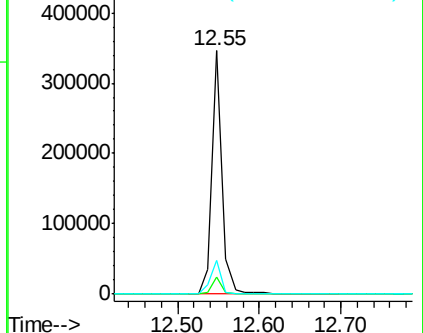
122 14.0 9.4 14.0

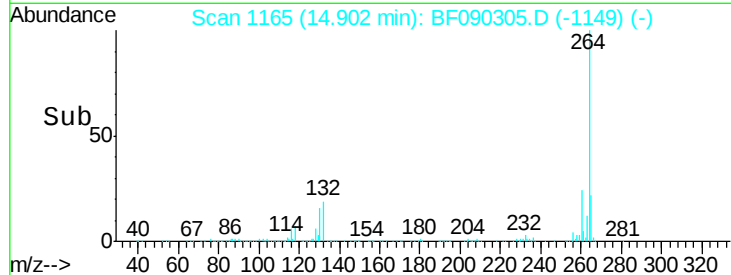
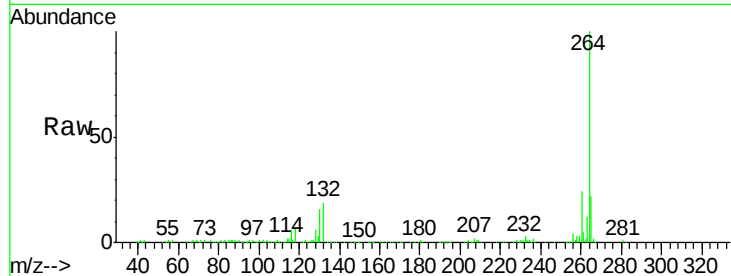
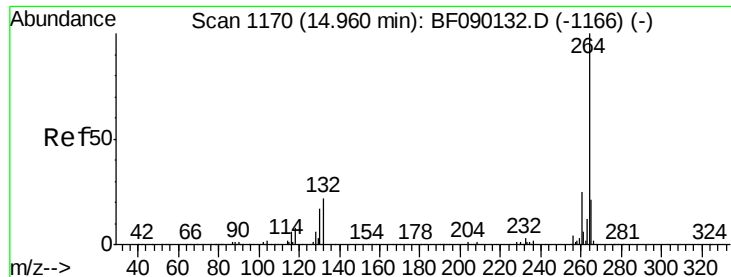


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.90 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF090305.D
 Acq: 30 Sep 2016 00:14

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

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

