

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
 Data File : BF090269.D
 Acq On : 27 Sep 2016 23:10
 Operator : UM/SJ
 Sample : H4949-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-4-5-LOC-4(10-15)

Quant Time: Sep 28 01:52:40 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

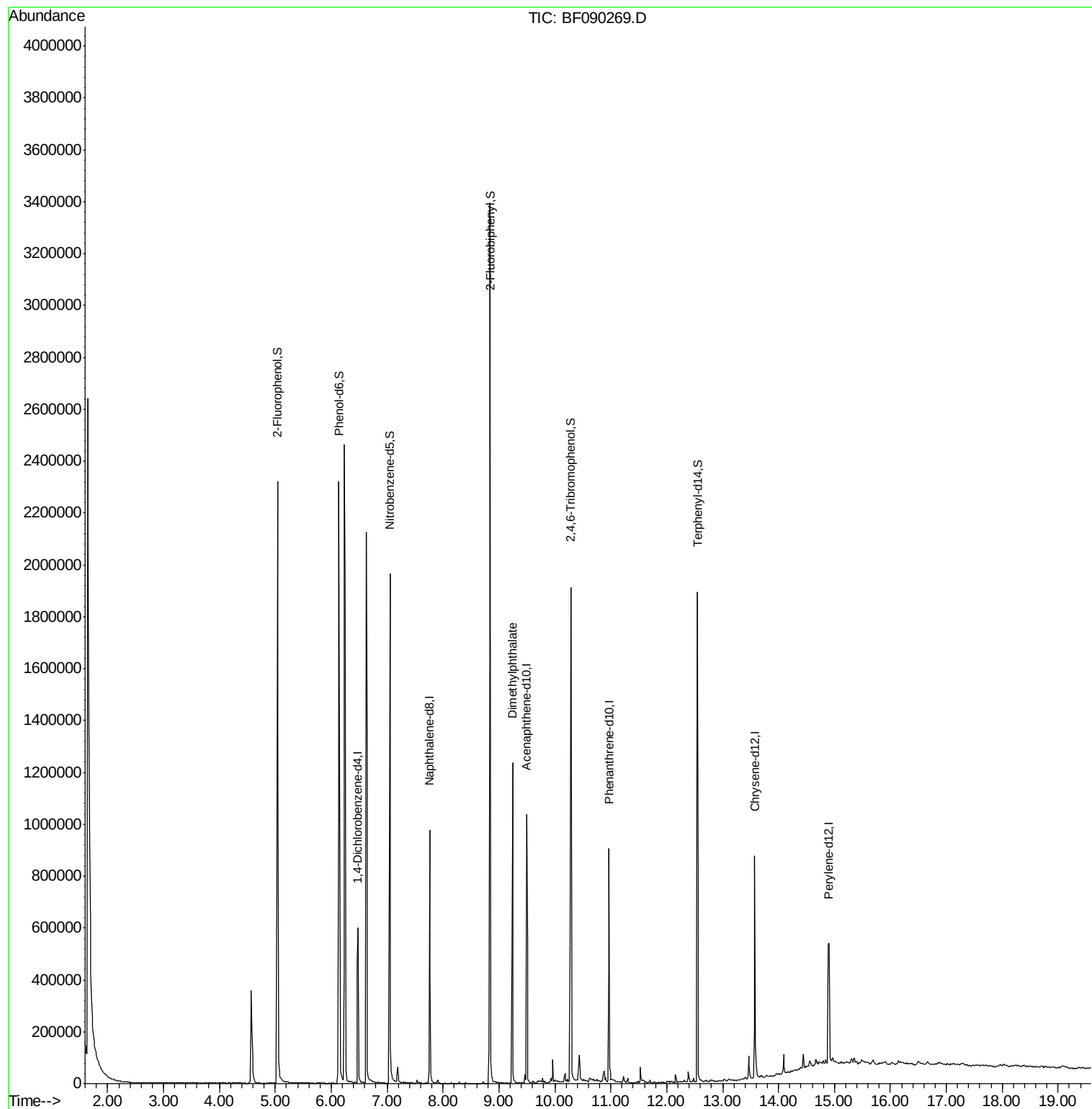
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	139817	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	537722	20.00	ng	-0.01
38) Acenaphthene-d10	9.50	164	278282	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	396860	20.00	ng	-0.01
75) Chrysene-d12	13.58	240	293618	20.00	ng	-0.02
86) Perylene-d12	14.90	264	260609	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	1065496	124.22	ng	0.01
7) Phenol-d6	6.14	99	1383127	130.57	ng	0.00
23) Nitrobenzene-d5	7.05	82	808894	87.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	244239	102.30	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	1272691	89.78	ng	-0.01
78) Terphenyl-d14	12.55	244	679363	58.74	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.24	163	614076	34.65	ng	Qvalue 100

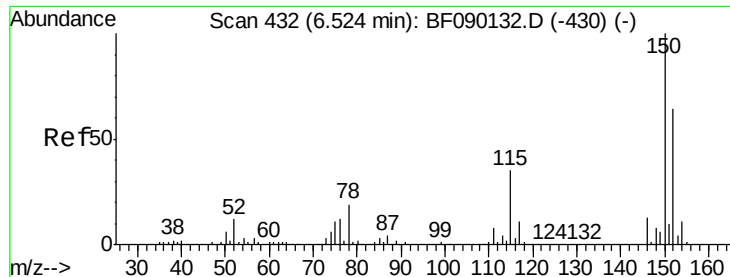
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF090269.D

Acq: 27 Sep 2016 23:10

Instrument :

BNA_F

ClientSampleId :

S-4-5-LOC-4(10-15)

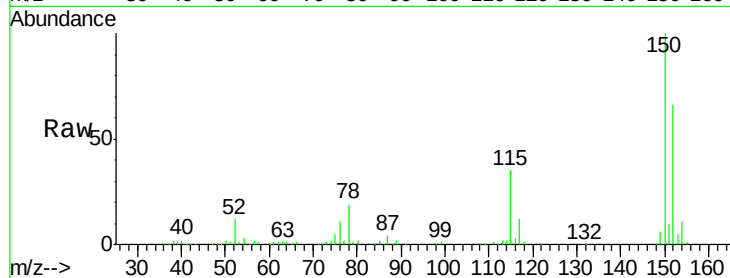
Tot Ion:152 Resp: 139817

Ion Ratio Lower Upper

152 100

150 152.3 128.9 193.3

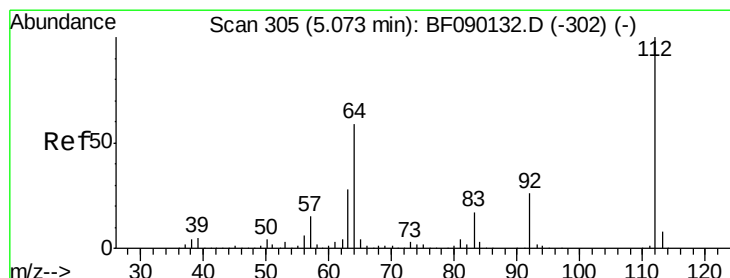
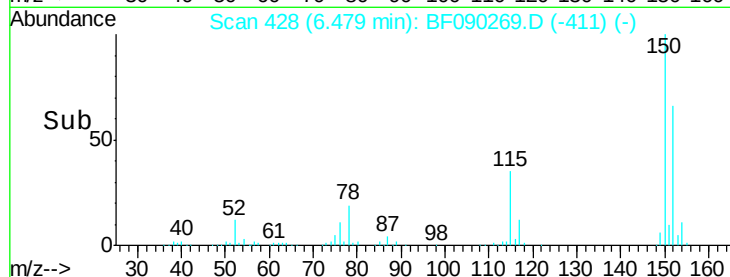
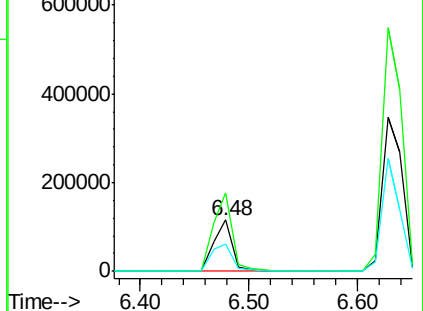
115 52.8 55.5 83.3#



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: 124.22 ng

RT: 5.04 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF090269.D

Acq: 27 Sep 2016 23:10

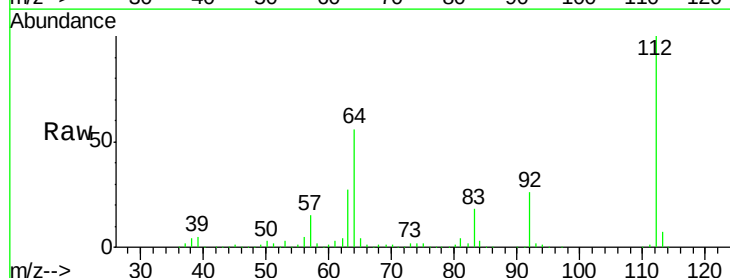
Tgt Ion:112 Resp: 1065496

Ion Ratio Lower Upper

112 100

64 55.8 39.8 59.6

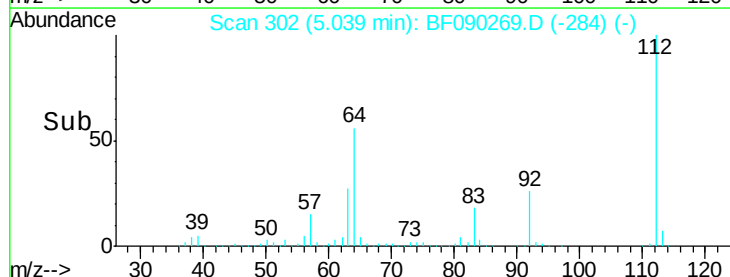
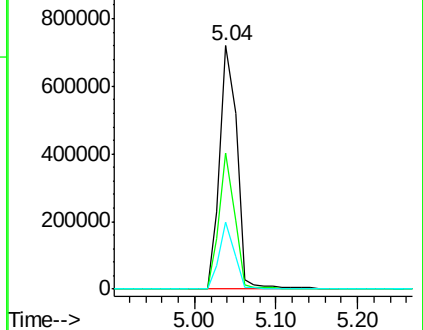
63 27.3 18.9 28.3

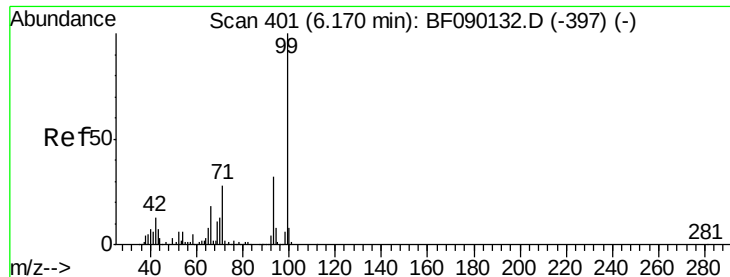


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.57 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090269.D

Acq: 27 Sep 2016 23:10

Instrument :

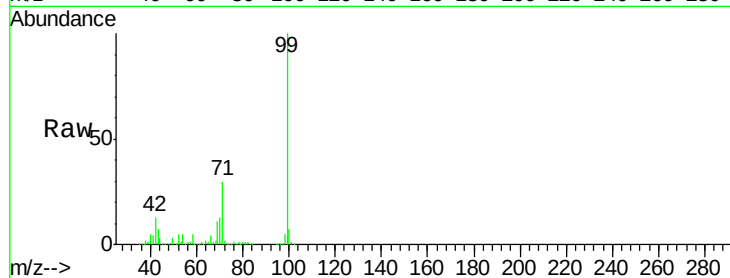
BNA_F

ClientSampleId :

S-4-5-LOC-4(10-15)

Tot Ion: 99 Resp: 1383127

Ion	Ratio	Lower	Upper
99	100		
42	13.4	10.6	15.8
71	30.2	23.0	34.6

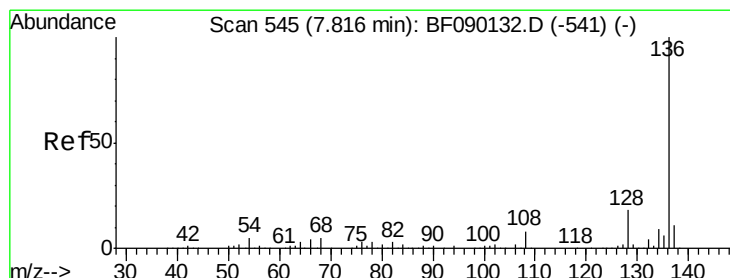
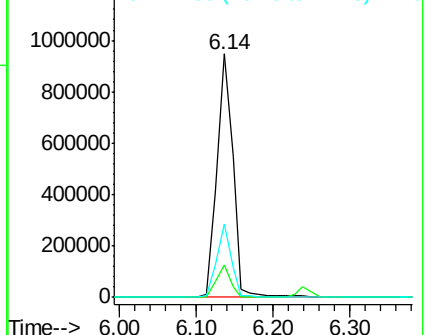
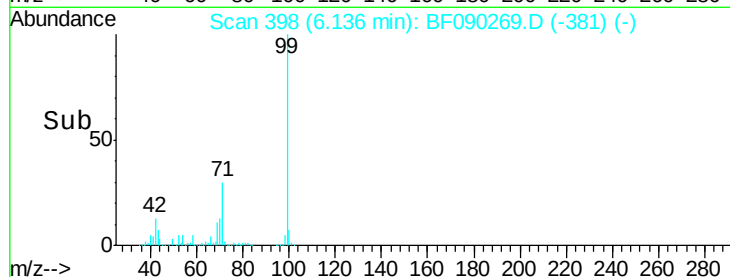


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

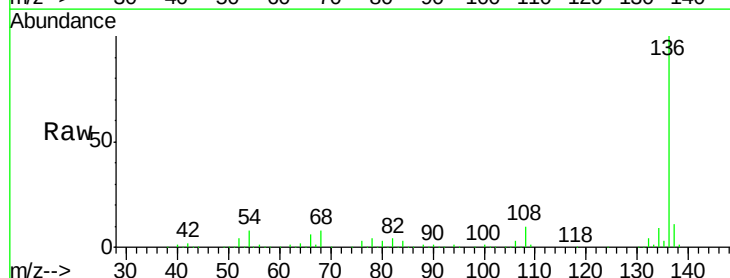
Delta R.T. -0.01 min

Lab File: BF090269.D

Acq: 27 Sep 2016 23:10

Tgt Ion: 136 Resp: 537722

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.4	6.4	9.6
68	7.9	6.3	9.5



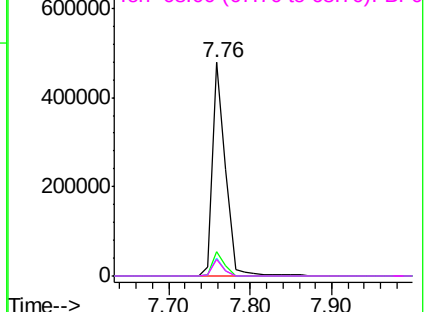
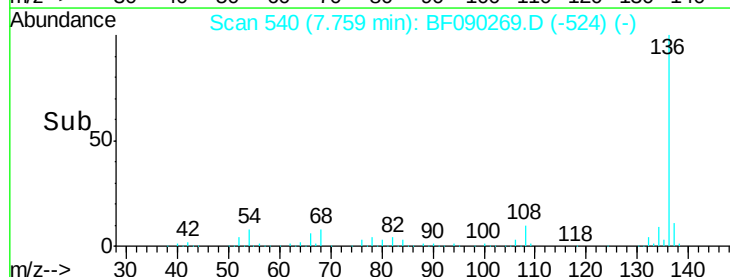
Abundance

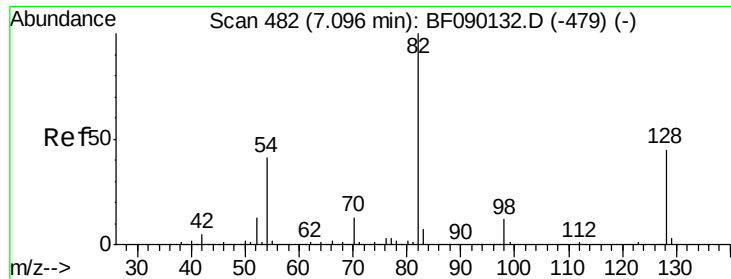
Ion 136.00 (135.70 to 136.70): E

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

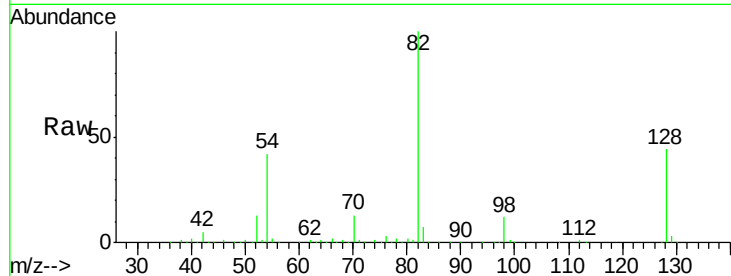




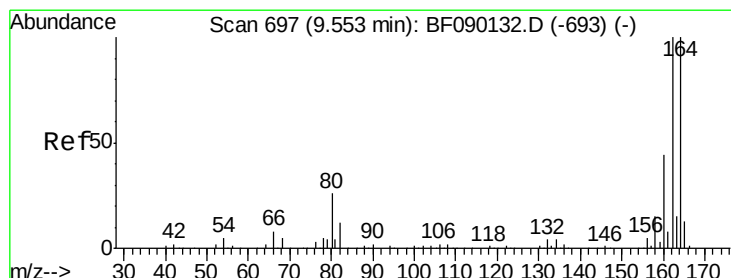
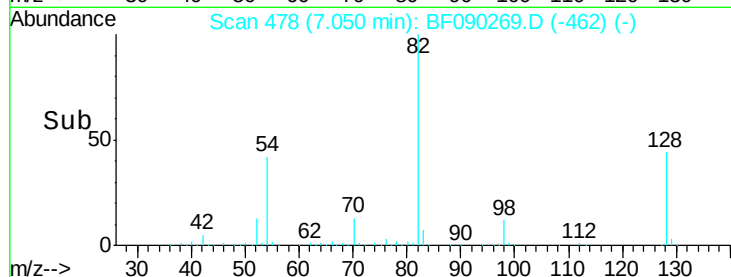
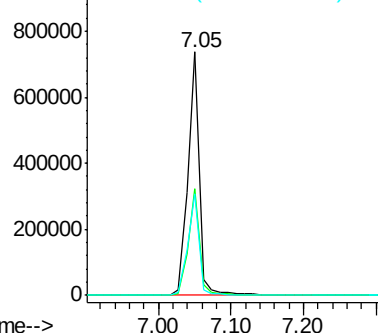
#23
 Nitrobenzene-d5
 Concen: 87.20 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF090269.D
 Acq: 27 Sep 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 S-4-5-LOC-4(10-15)

Tot Ion	82	Resp	808894
Ion Ratio	100	Lower	Upper
128	43.8	37.5	56.3
54	41.9	31.9	47.9

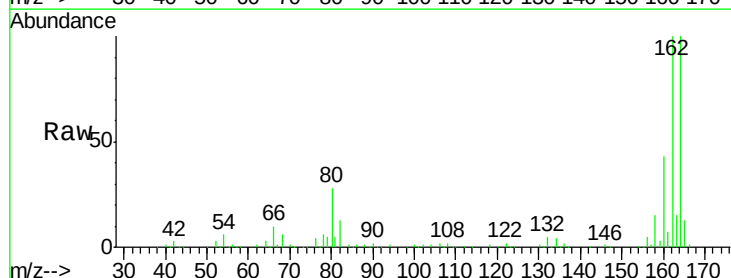


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

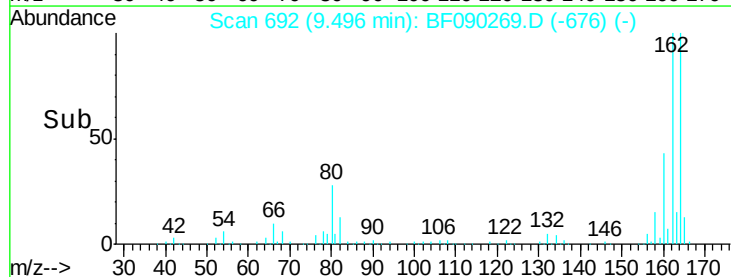
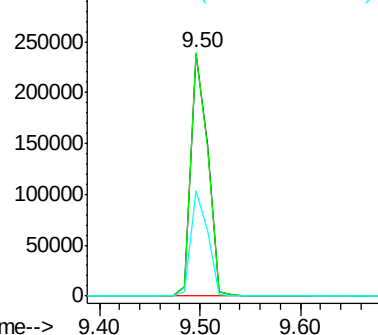


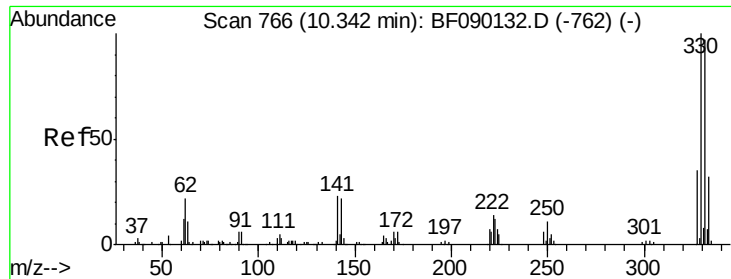
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF090269.D
 Acq: 27 Sep 2016 23:10

Tgt Ion	164	Resp	278282
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	100.2	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

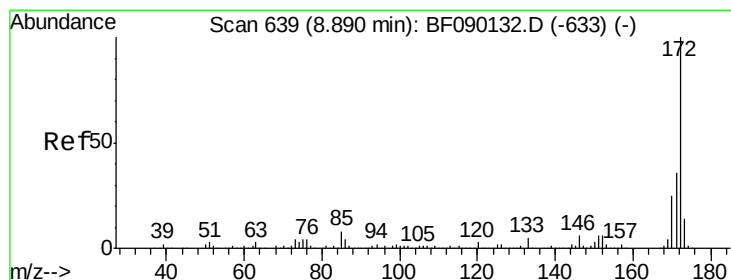
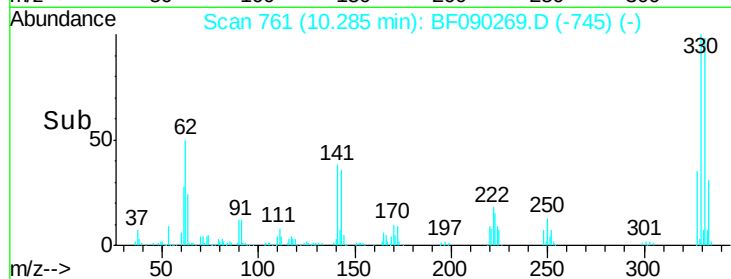
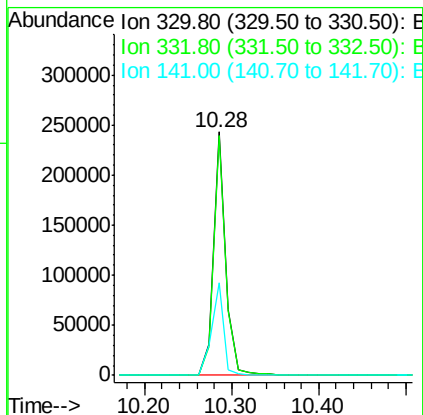
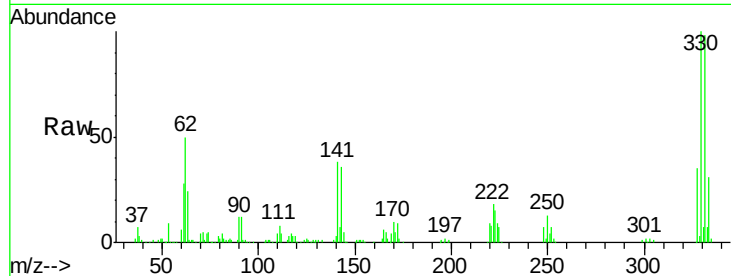




#41
 2,4,6-Tribromophenol
 Concen: 102.30 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF090269.D
 Acq: 27 Sep 2016 23:10

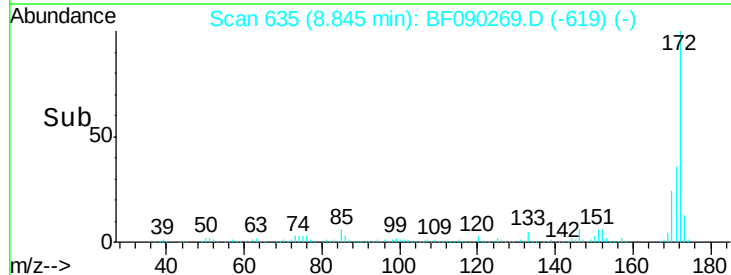
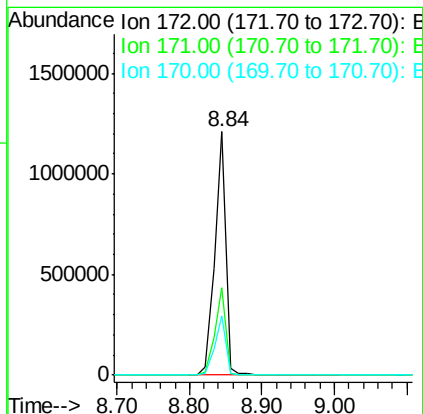
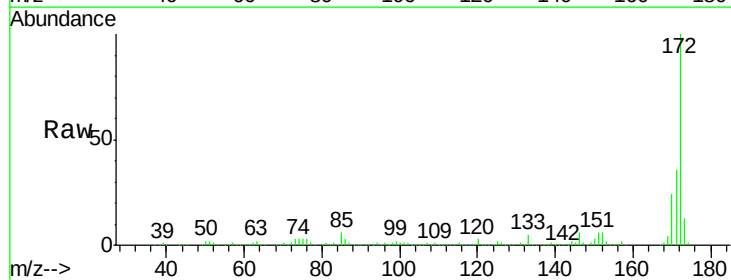
Instrument :
 BNA_F
 ClientSampleId :
 S-4-5-LOC-4(10-15)

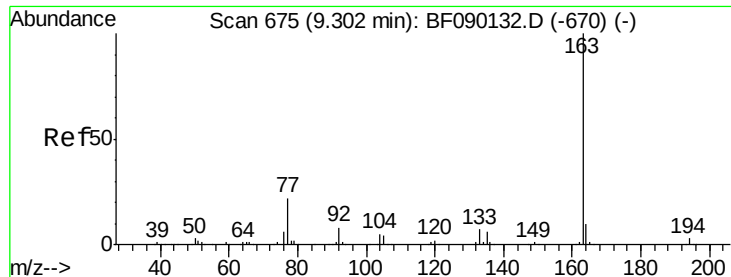
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.1	117.1
141	37.1	23.9	35.9



#44
 2-Fluorobiphenyl
 Concen: 89.78 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090269.D
 Acq: 27 Sep 2016 23:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	24.4	19.8	29.8





#49

Dimethylphthalate

Concen: 34.65 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF090269.D

Acq: 27 Sep 2016 23:10

Instrument :

BNA_F

ClientSampleId :

S-4-5-LOC-4(10-15)

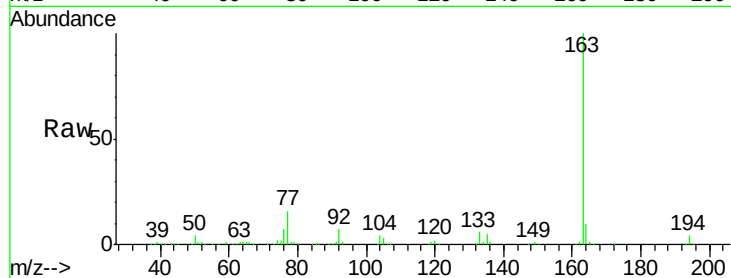
Tot Ion:163 Resp: 614076

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

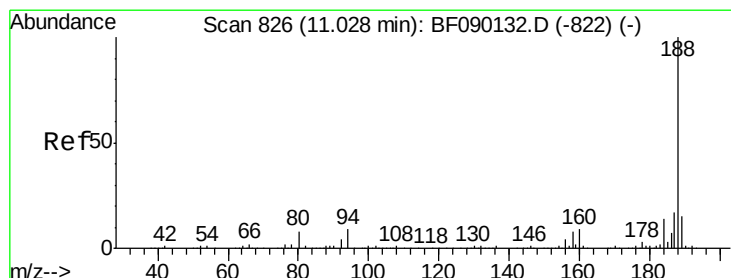
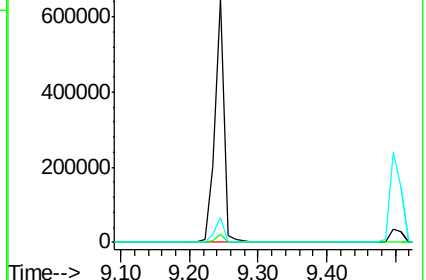
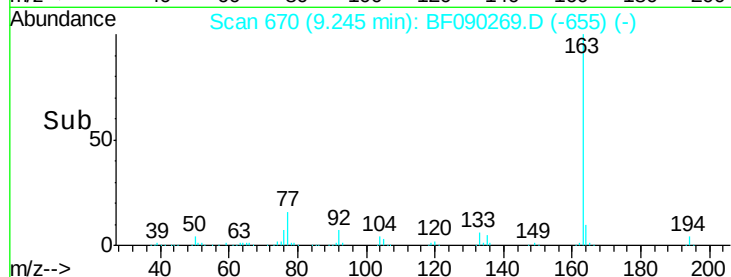
164 9.9 8.1 12.1



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: 10.97 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF090269.D

Acq: 27 Sep 2016 23:10

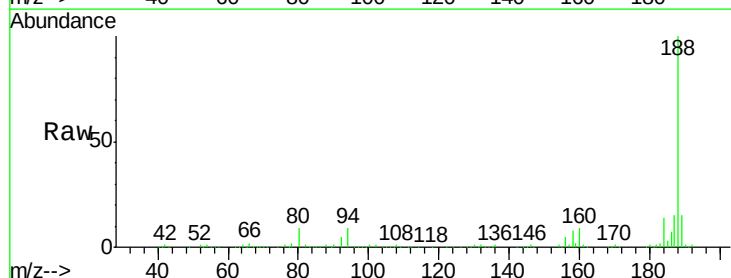
Tgt Ion:188 Resp: 396860

Ion Ratio Lower Upper

188 100

94 8.6 10.5 15.7#

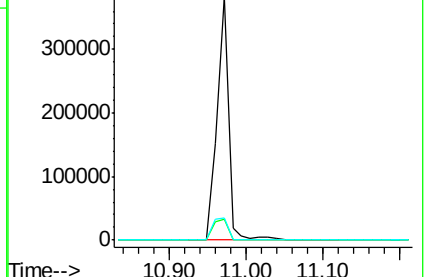
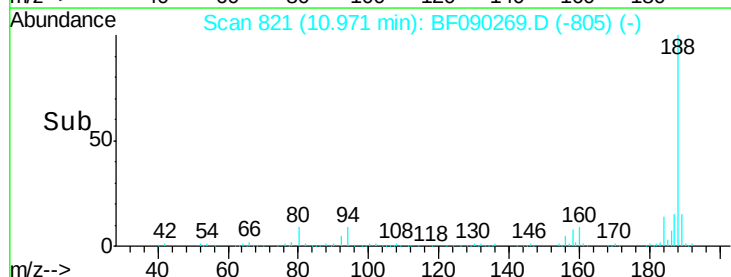
80 8.9 11.2 16.8#

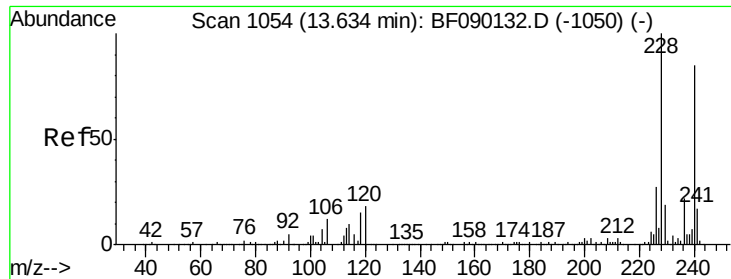


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF090269.D

Acq: 27 Sep 2016 23:10

Instrument :

BNA_F

ClientSampleId :

S-4-5-LOC-4(10-15)

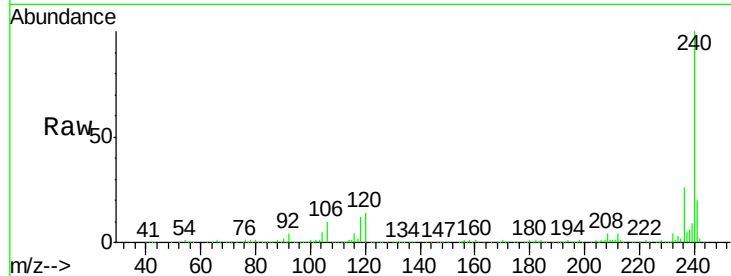
Tot Ion:240 Resp: 293618

Ion Ratio Lower Upper

240 100

120 14.3 10.6 16.0

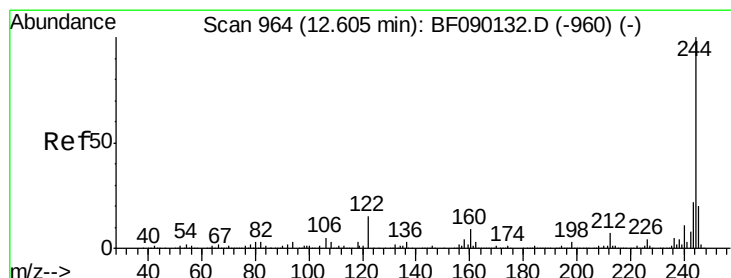
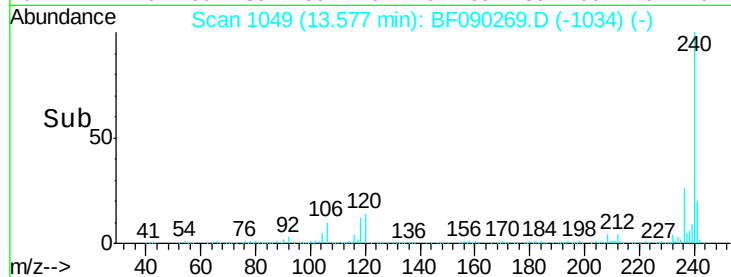
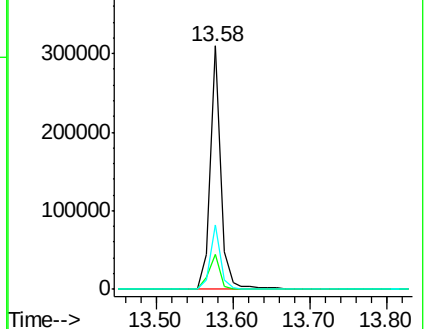
236 26.3 21.6 32.4



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: 58.74 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF090269.D

Acq: 27 Sep 2016 23:10

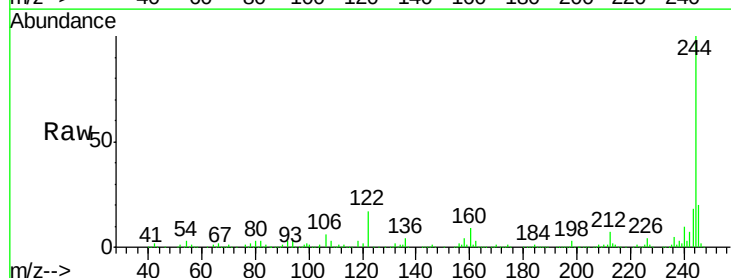
Tgt Ion:244 Resp: 679363

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

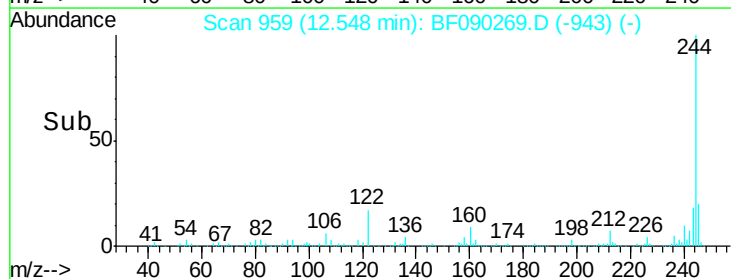
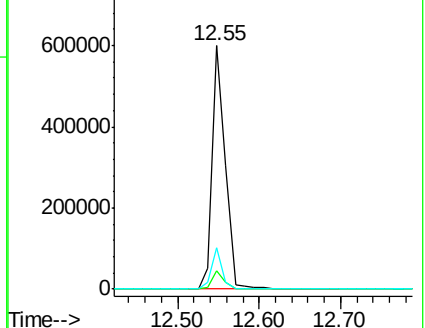
122 17.1 9.4 14.0#

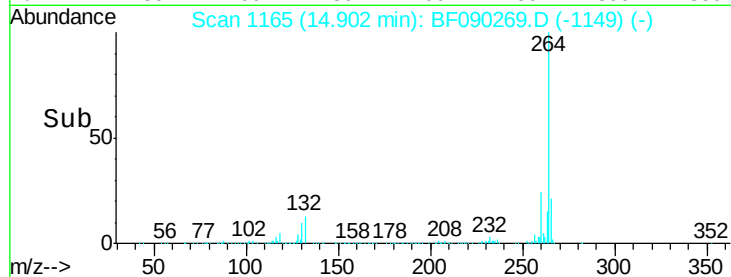
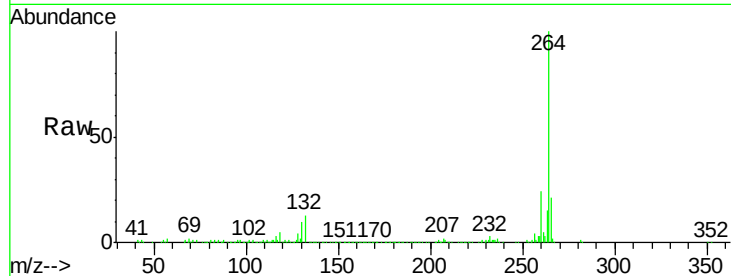
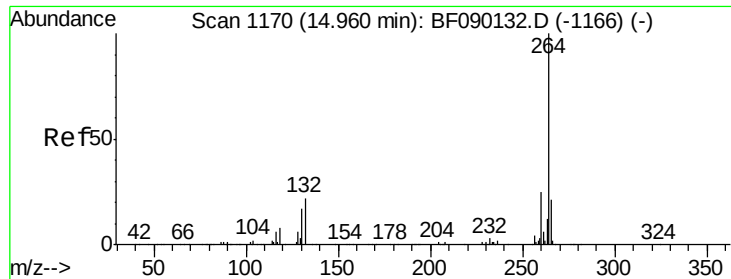


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF090269.D
Acq: 27 Sep 2016 23:10

Instrument :
BNA_F
ClientSampleId :
S-4-5-LOC-4(10-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	20.9	17.0	25.4

