

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092716\
 Data File : BF090271.D
 Acq On : 28 Sep 2016 00:05
 Operator : UM/SJ
 Sample : H4949-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-5-2-LOC-5(20-25)

Quant Time: Sep 28 00:46:10 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

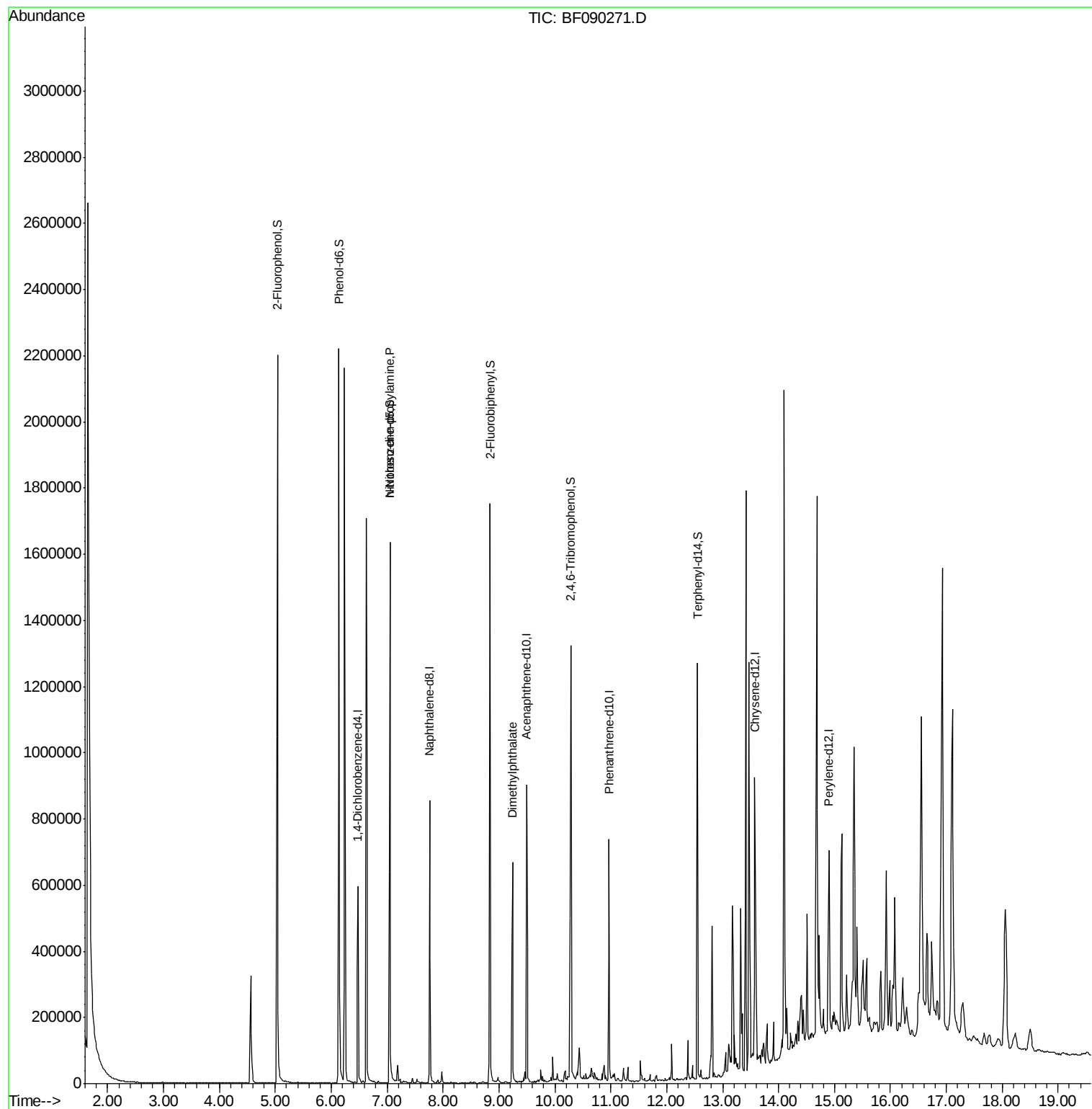
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	123340	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	469506	20.00	ng	-0.01
38) Acenaphthene-d10	9.50	164	226942	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	323001	20.00	ng	-0.01
75) Chrysene-d12	13.58	240	277695	20.00	ng	-0.02
86) Perylene-d12	14.90	264	247278	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	799036	105.60	ng	0.01
7) Phenol-d6	6.14	99	1008685	107.94	ng	0.00
23) Nitrobenzene-d5	7.05	82	646533	79.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	177326	91.08	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	824529	71.33	ng	-0.01
78) Terphenyl-d14	12.55	244	383098	35.03	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.05	70	76774	13.99	ng	Qvalue # 78
49) Dimethylphthalate	9.24	163	388676	26.89	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: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF090271.D

Acq: 28 Sep 2016 00:05

Instrument :

BNA_F

ClientSampleId :

S-5-2-LOC-5(20-25)

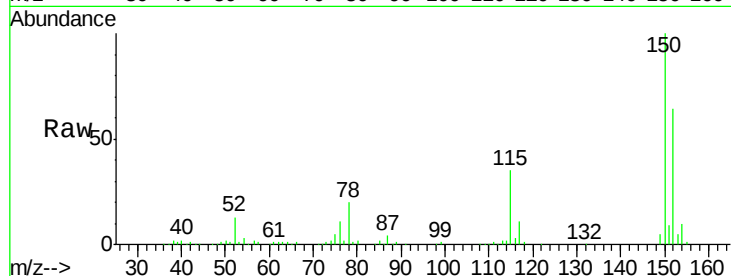
Tgt Ion:152 Resp: 123340

Ion Ratio Lower Upper

152 100

150 156.0 128.9 193.3

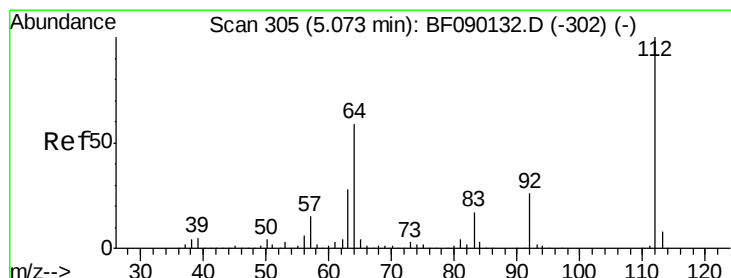
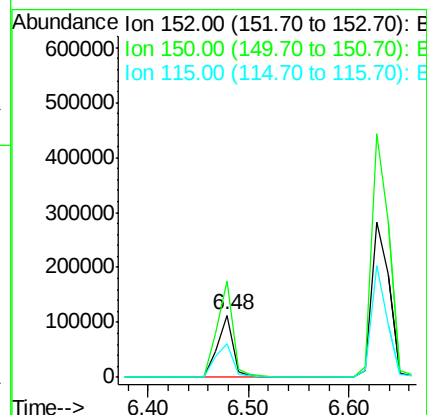
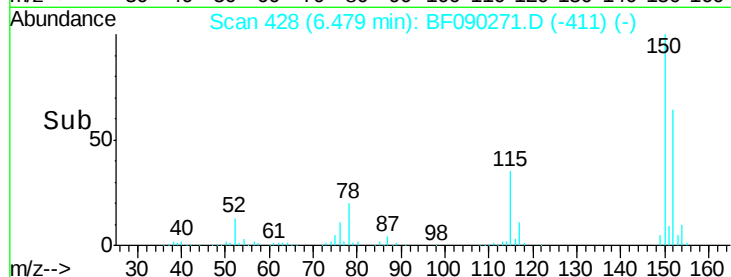
115 55.2 55.5 83.3#



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: 105.60 ng

RT: 5.04 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF090271.D

Acq: 28 Sep 2016 00:05

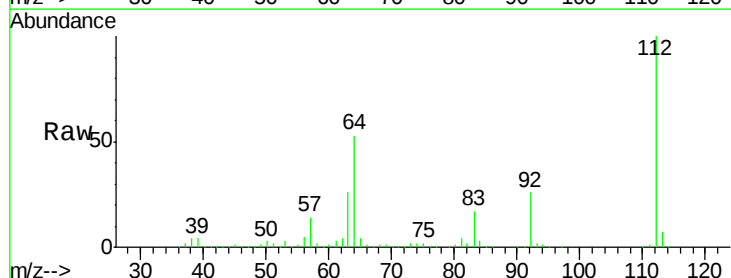
Tgt Ion:112 Resp: 799036

Ion Ratio Lower Upper

112 100

64 53.3 39.8 59.6

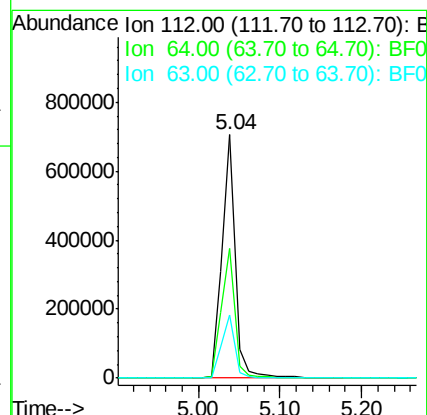
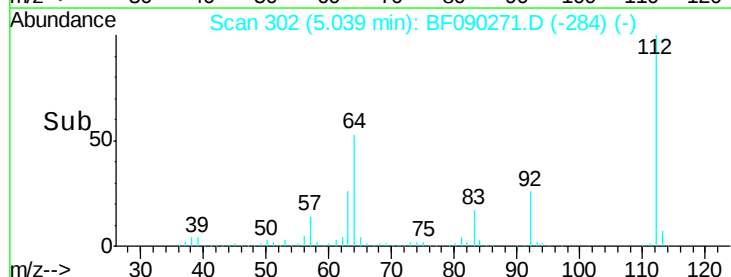
63 26.2 18.9 28.3

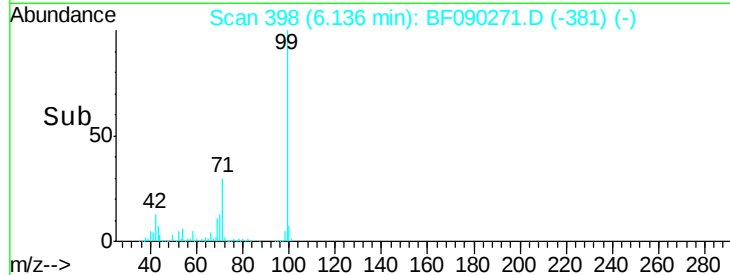
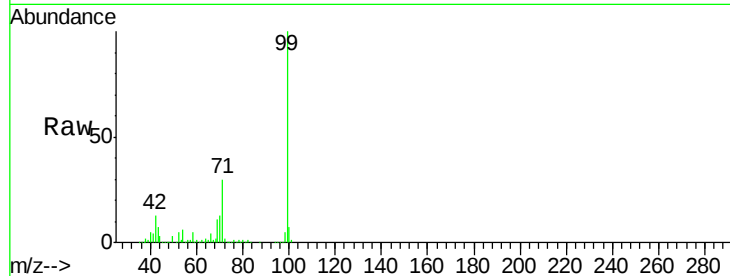


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.94 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF090271.D

Acq: 28 Sep 2016 00:05

Instrument :

BNA_F

ClientSampleId :

S-5-2-LOC-5(20-25)

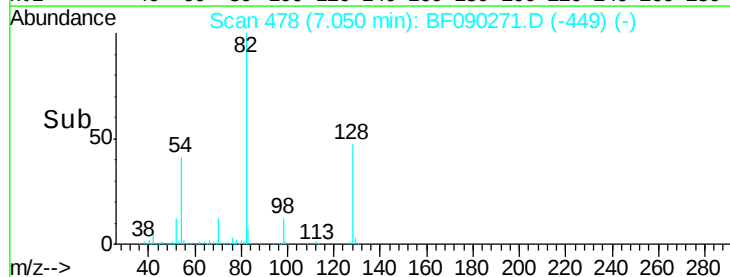
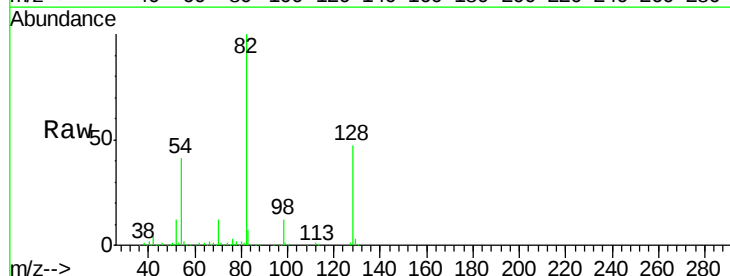
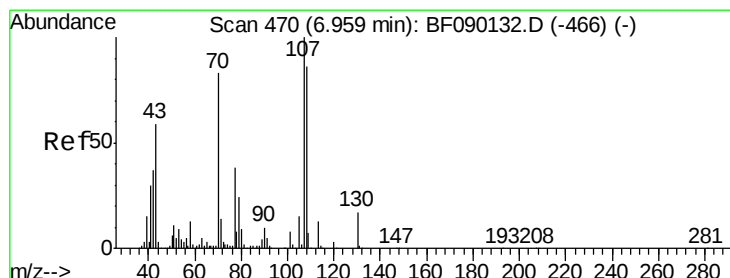
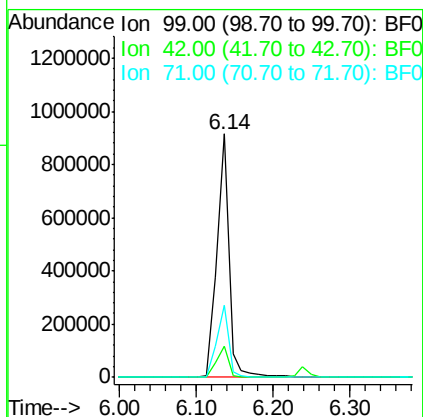
Tgt Ion: 99 Resp: 1008685

Ion Ratio Lower Upper

99 100

42 12.9 10.6 15.8

71 29.6 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.99 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.14 min

Lab File: BF090271.D

Acq: 28 Sep 2016 00:05

Tgt Ion: 70 Resp: 76774

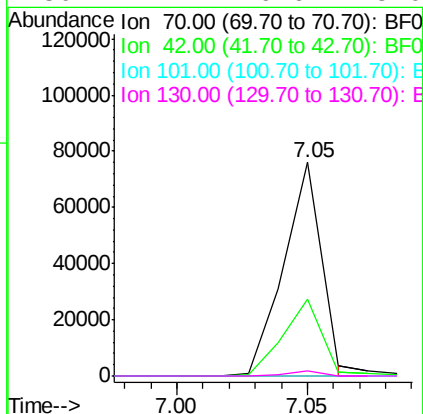
Ion Ratio Lower Upper

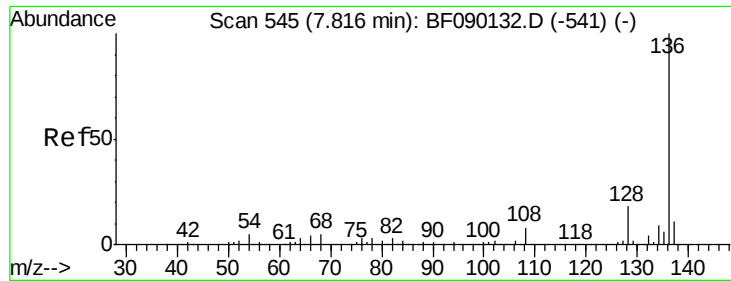
70 100

42 36.1 35.1 52.7

101 0.0 7.5 11.3#

130 2.4 16.6 25.0#

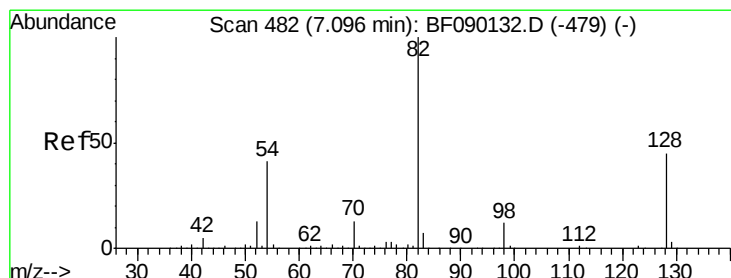
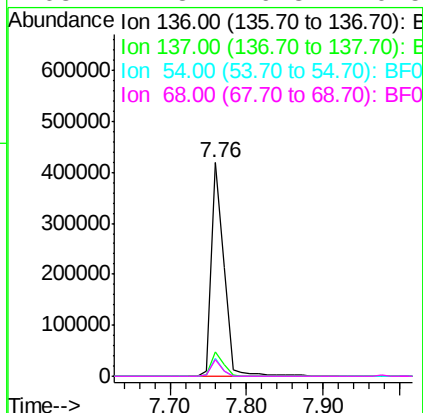
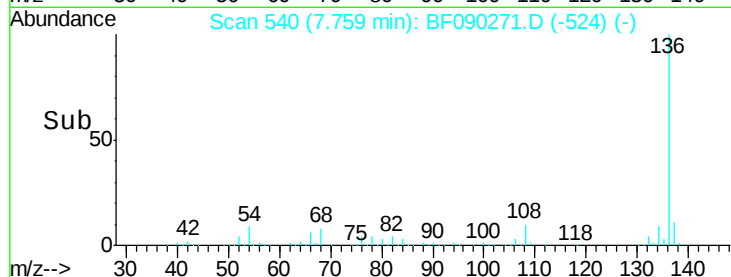
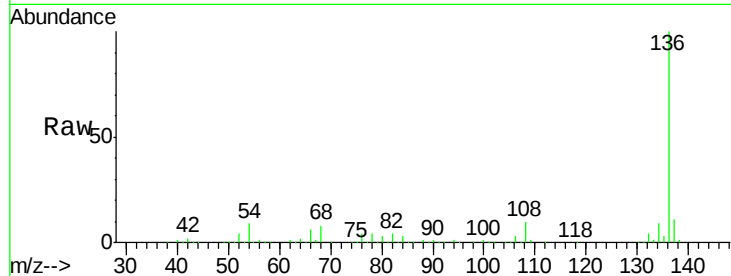




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF090271.D
Acq: 28 Sep 2016 00:05

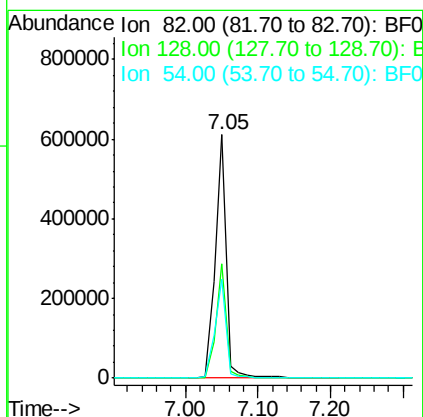
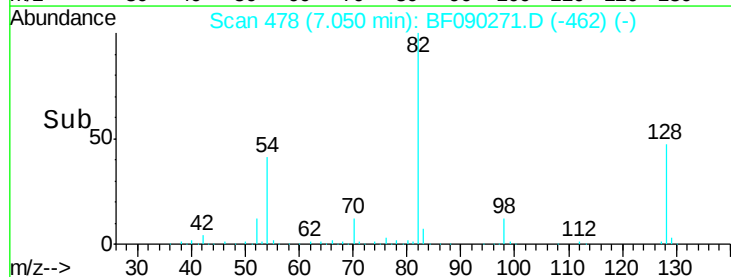
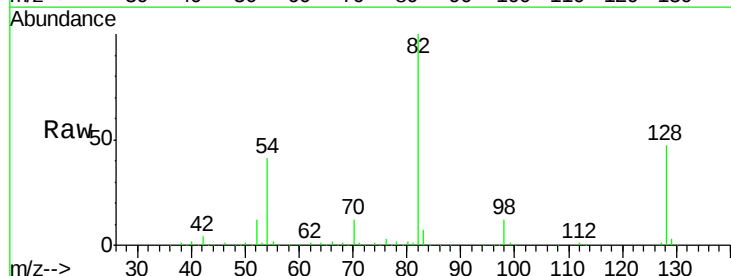
Instrument :
BNA_F
ClientSampleId :
S-5-2-LOC-5(20-25)

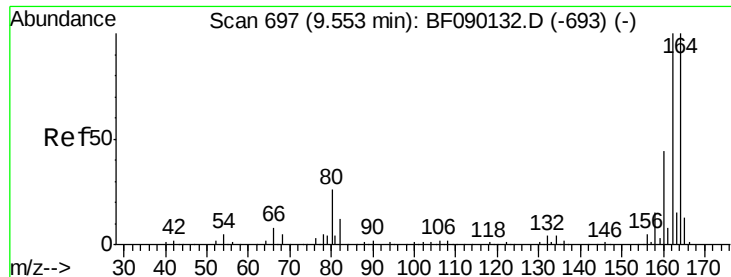
Tgt Ion:	136	Resp:	469506
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.6	6.4	9.6
68	7.8	6.3	9.5



#23
Nitrobenzene-d5
Concen: 79.83 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF090271.D
Acq: 28 Sep 2016 00:05

Tgt Ion:	82	Resp:	646533
Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.5	56.3
54	40.6	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: BF090271.D

Acq: 28 Sep 2016 00:05

Instrument :

BNA_F

ClientSampleId :

S-5-2-LOC-5(20-25)

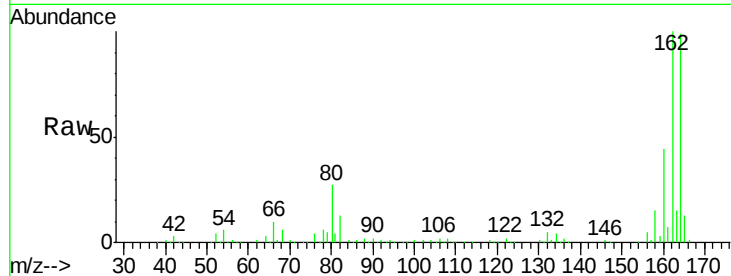
Tgt Ion:164 Resp: 226942

Ion Ratio Lower Upper

164 100

162 100.7 81.4 122.2

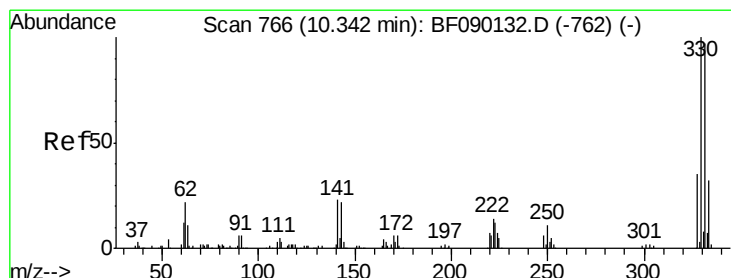
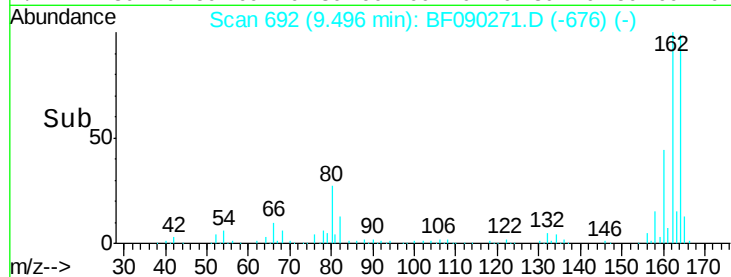
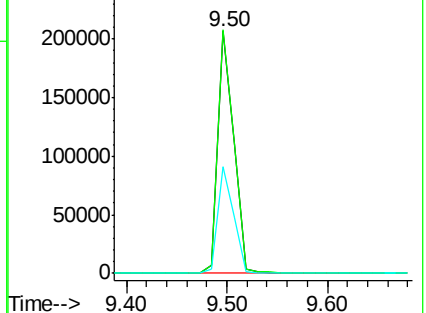
160 43.8 36.6 54.8



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: 91.08 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF090271.D

Acq: 28 Sep 2016 00:05

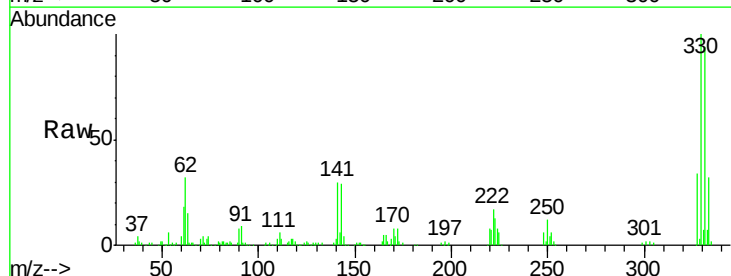
Tgt Ion:330 Resp: 177326

Ion Ratio Lower Upper

330 100

332 95.2 78.1 117.1

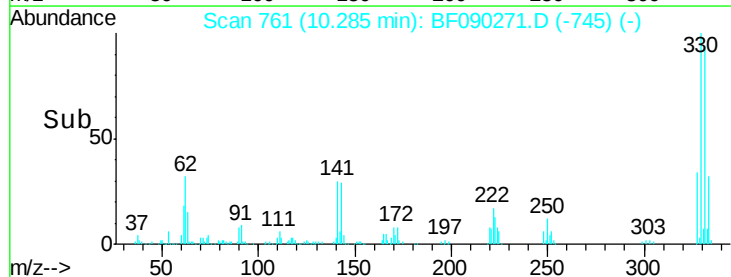
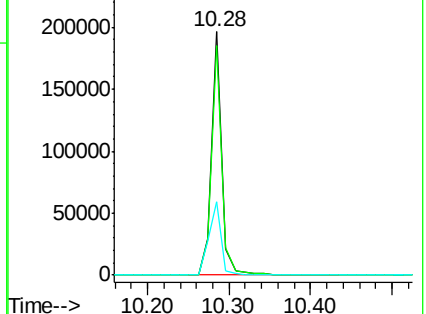
141 35.7 23.9 35.9



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

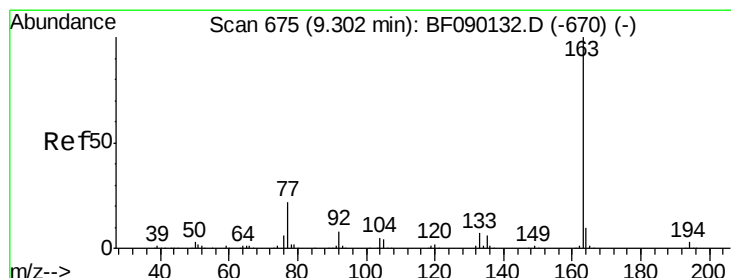
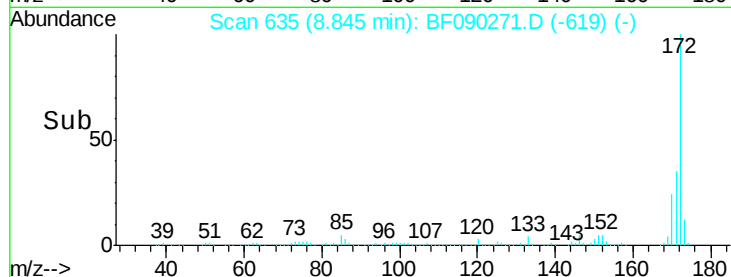
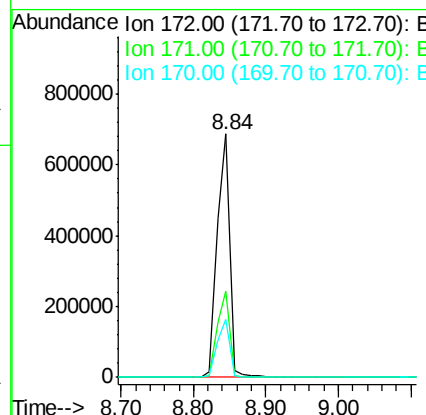
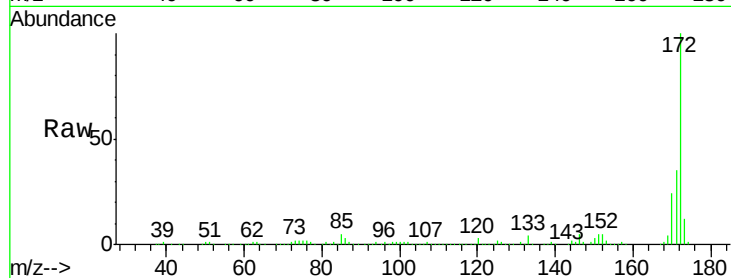




#44
 2-Fluorobiphenyl
 Concen: 71.33 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090271.D
 Acq: 28 Sep 2016 00:05

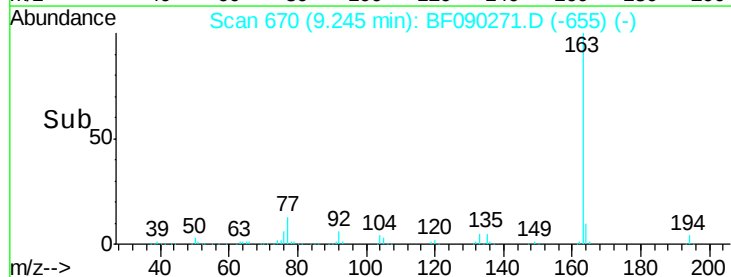
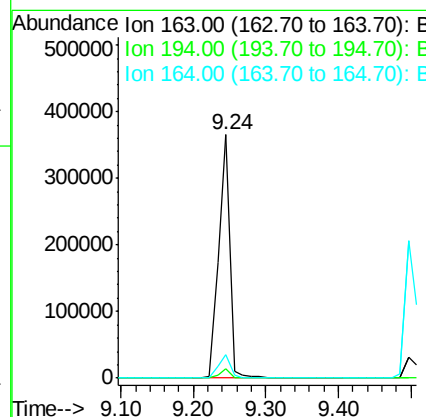
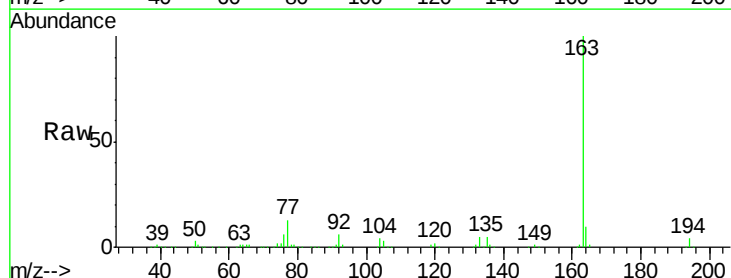
Instrument :
 BNA_F
 ClientSampleId :
 S-5-2-LOC-5(20-25)

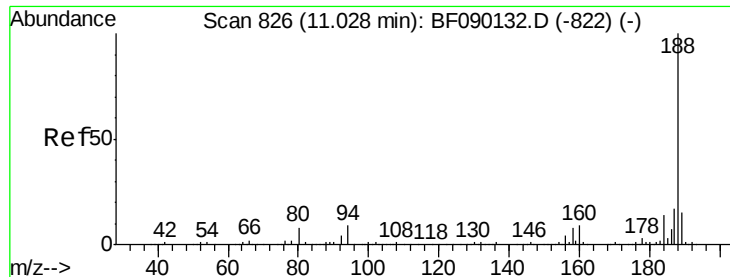
Tgt Ion:172 Resp: 824529
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.2 43.8
 170 23.8 19.8 29.8



#49
 Dimethylphthalate
 Concen: 26.89 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BF090271.D
 Acq: 28 Sep 2016 00:05

Tgt Ion:163 Resp: 388676
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.8 4.2
 164 9.9 8.1 12.1

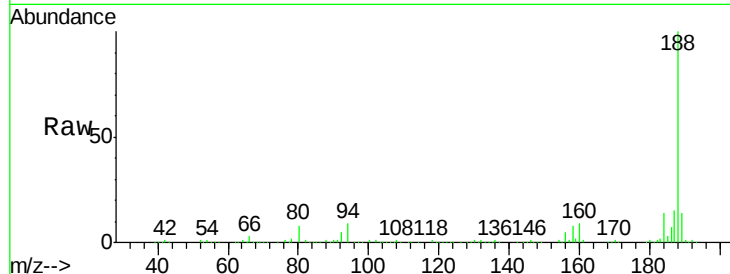




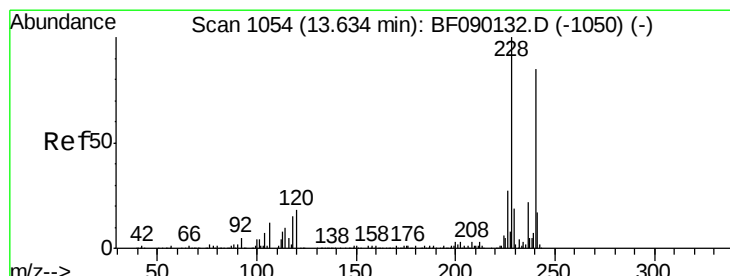
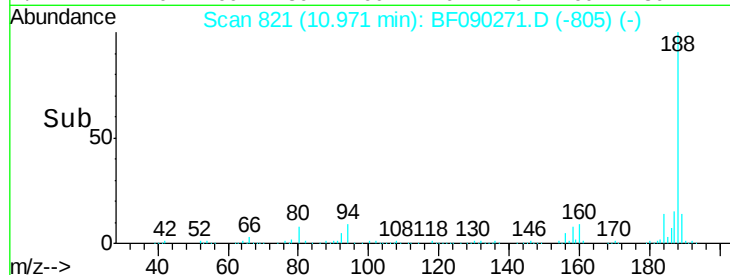
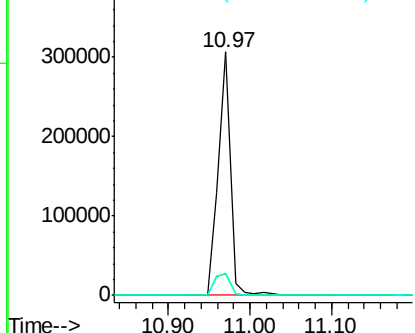
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090271.D
Acq: 28 Sep 2016 00:05

Instrument :
BNA_F
ClientSampleId :
S-5-2-LOC-5(20-25)

Tgt Ion:188 Resp: 323001
Ion Ratio Lower Upper
188 100
94 9.3 10.5 15.7#
80 8.4 11.2 16.8#

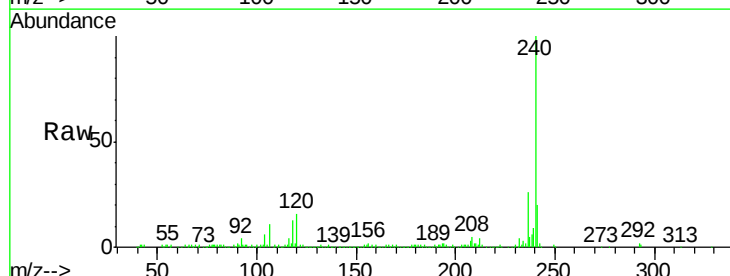


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

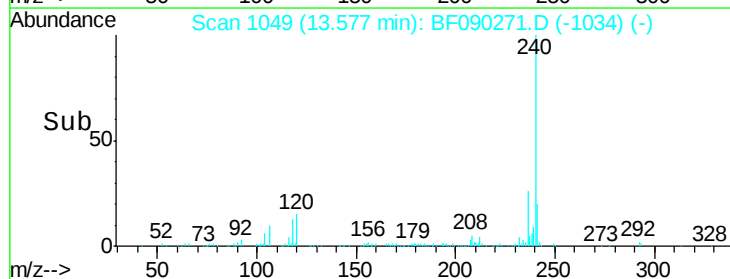
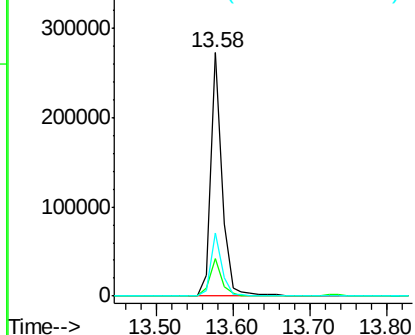


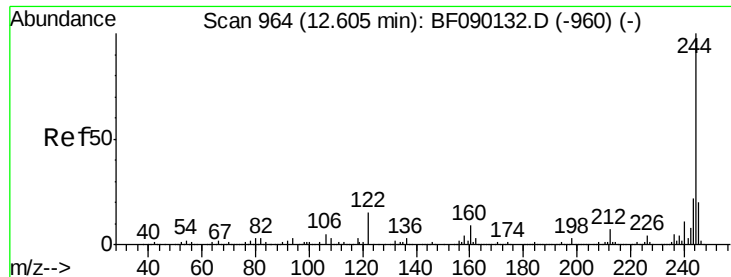
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF090271.D
Acq: 28 Sep 2016 00:05

Tgt Ion:240 Resp: 277695
Ion Ratio Lower Upper
240 100
120 15.5 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

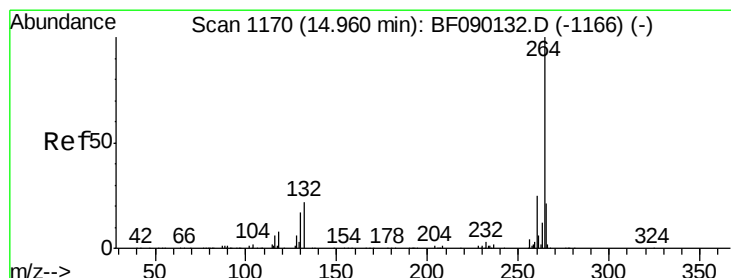
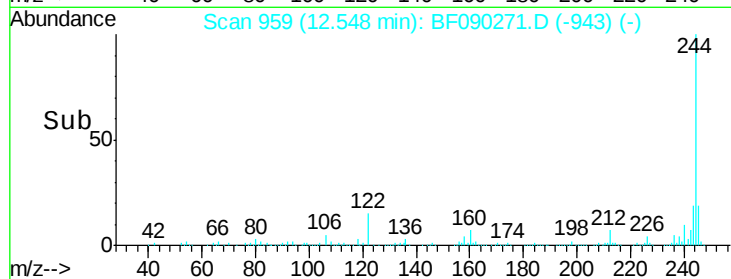
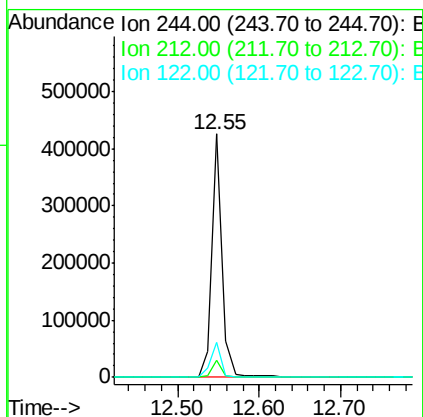
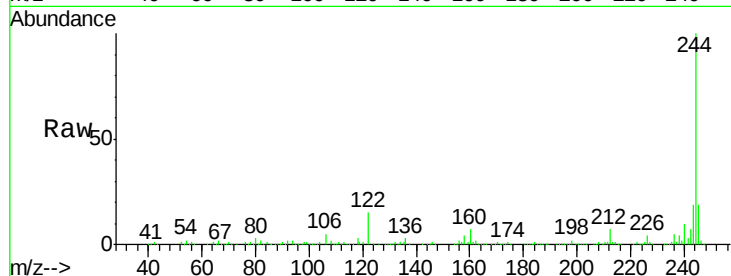




#78
 Terphenyl-d14
 Concen: 35.03 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF090271.D
 Acq: 28 Sep 2016 00:05

Instrument :
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Tgt Ion:244 Resp: 383098
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 14.5 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: BF090271.D
 Acq: 28 Sep 2016 00:05

Tgt Ion:264 Resp: 247278
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 22.2 17.0 25.4

