

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
 Data File : BF090331.D
 Acq On : 1 Oct 2016 00:00
 Operator : UM/SJ
 Sample : H4998-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B057-6-9

Quant Time: Oct 01 00:53:26 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

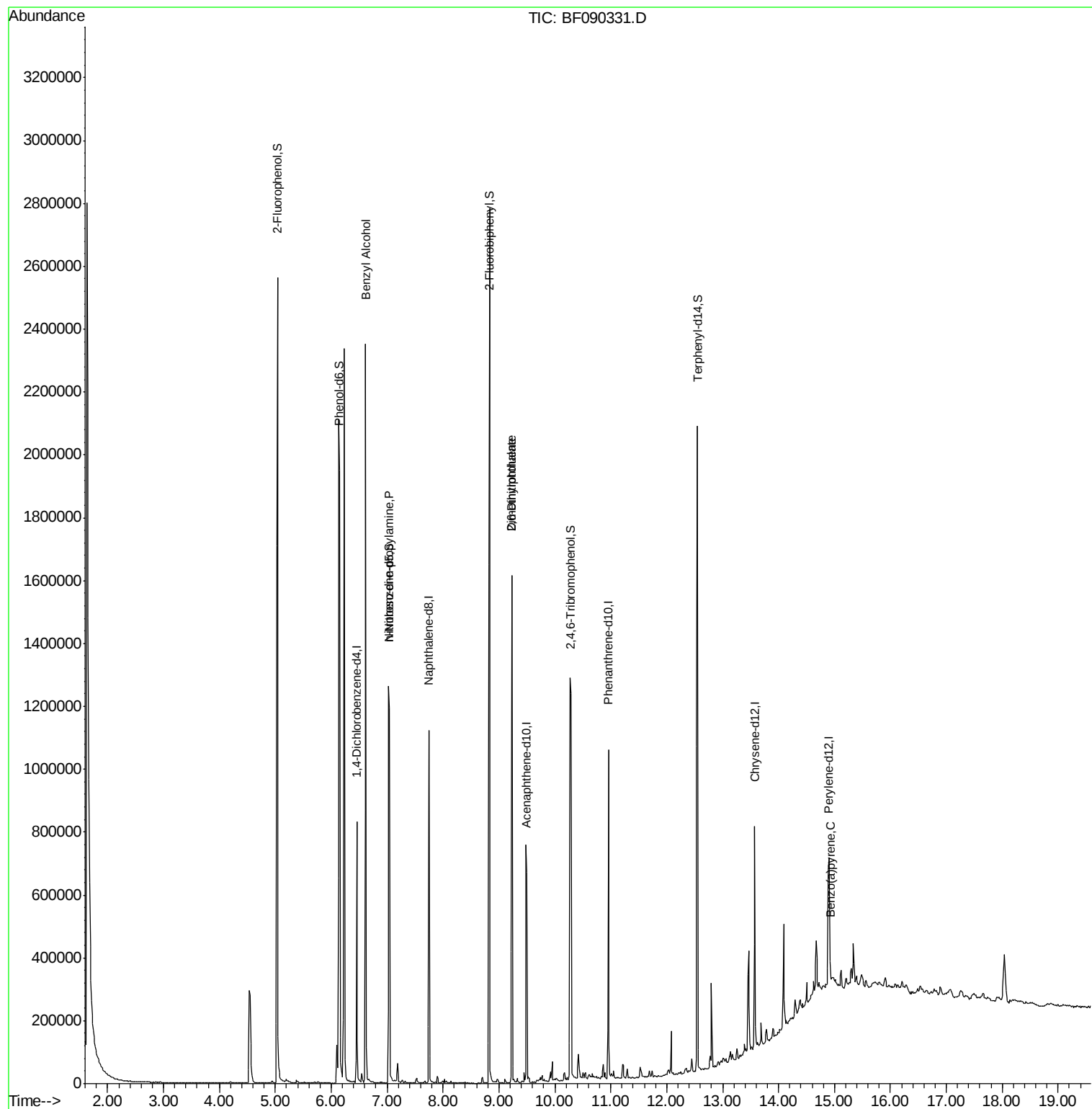
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	125279	20.00	ng	-0.02
21) Naphthalene-d8	7.75	136	494990	20.00	ng	-0.02
38) Acenaphthene-d10	9.50	164	245105	20.00	ng	-0.01
63) Phenanthrene-d10	10.96	188	359678	20.00	ng	-0.02
75) Chrysene-d12	13.58	240	283731	20.00	ng	-0.02
86) Perylene-d12	14.90	264	227017	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	1026020	133.49	ng	0.01
7) Phenol-d6	6.15	99	1410860	148.64	ng	0.01
23) Nitrobenzene-d5	7.03	82	725877	85.01	ng	-0.03
41) 2,4,6-Tribromophenol	10.28	330	271444	129.09	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	1116534	89.43	ng	-0.02
78) Terphenyl-d14	12.55	244	739833	66.20	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.62	79	11926	2.11	ng	# 50
19) n-Nitroso-di-n-propylamine	7.03	70	84232	15.11	ng	# 81
49) Dimethylphthalate	9.23	163	667963	42.79	ng	99
50) 2,6-Dinitrotoluene	9.23	165	7195	2.07	ng	# 25
89) Benzo(a)pyrene	14.93	252	35259	2.98	ng	# 86

(#) = 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: BF090331.D

Acq: 1 Oct 2016 00:00

Instrument :

BNA_F

ClientSampleId :

SUP-B057-6-9

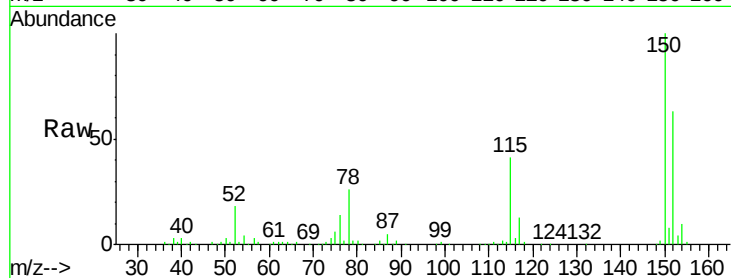
Tot Ion:152 Resp: 125279

Ion Ratio Lower Upper

152 100

150 158.7 128.9 193.3

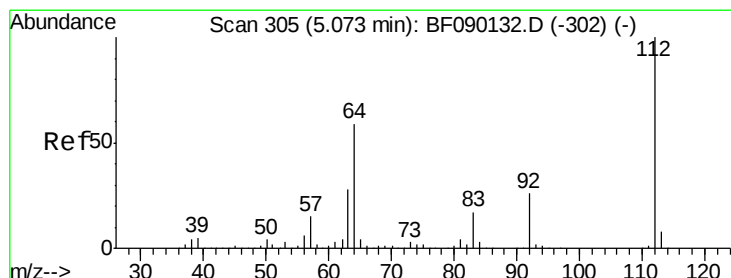
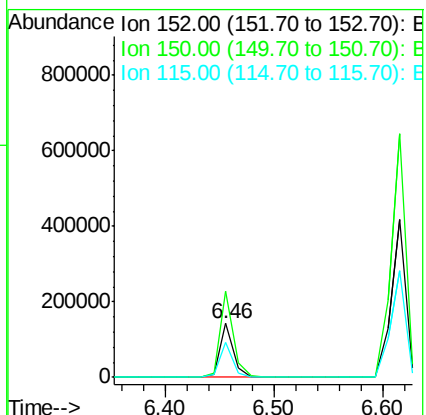
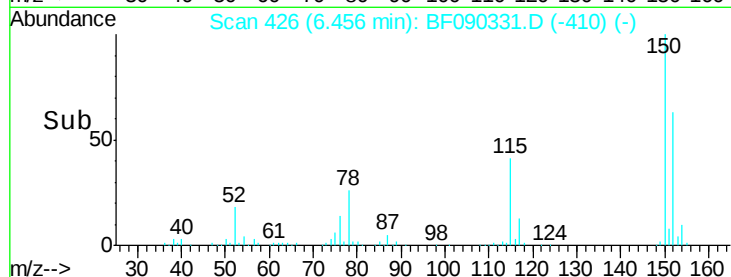
115 64.7 55.5 83.3



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: 133.49 ng

RT: 5.04 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF090331.D

Acq: 1 Oct 2016 00:00

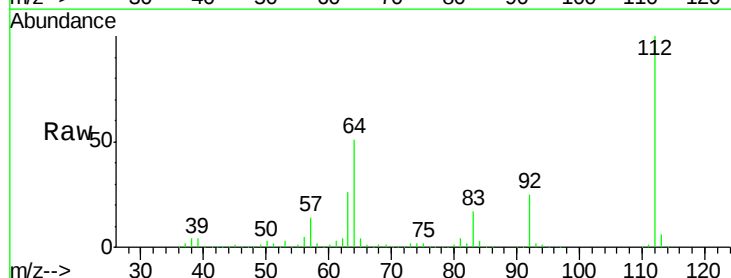
Tgt Ion:112 Resp: 1026020

Ion Ratio Lower Upper

112 100

64 51.3 39.8 59.6

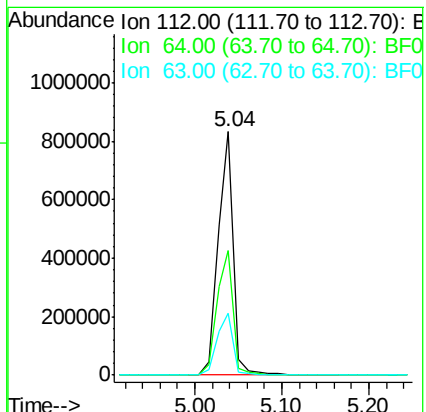
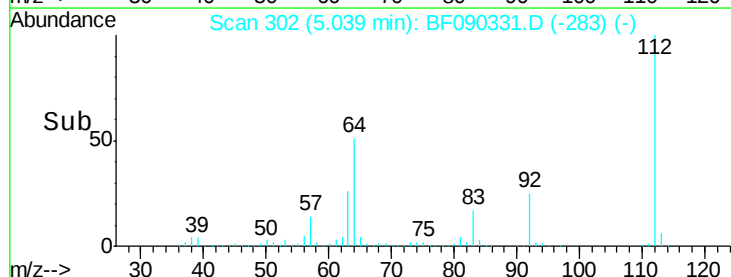
63 25.6 18.9 28.3



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: 148.64 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF090331.D

Acq: 1 Oct 2016 00:00

Instrument :

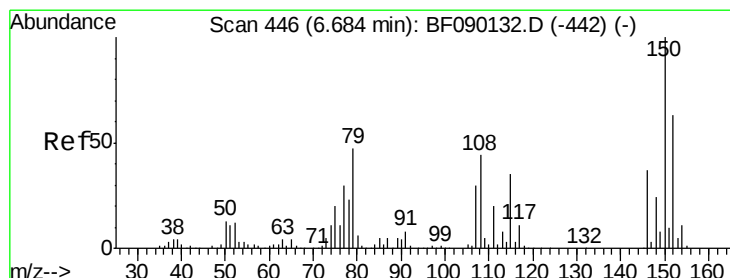
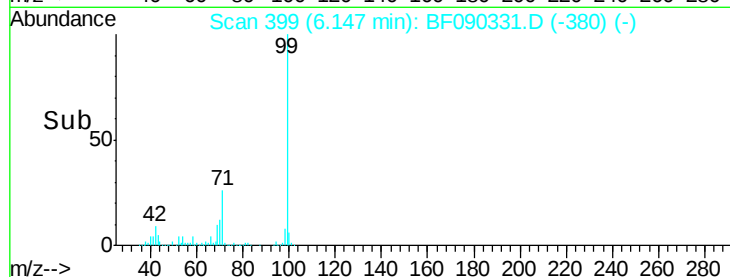
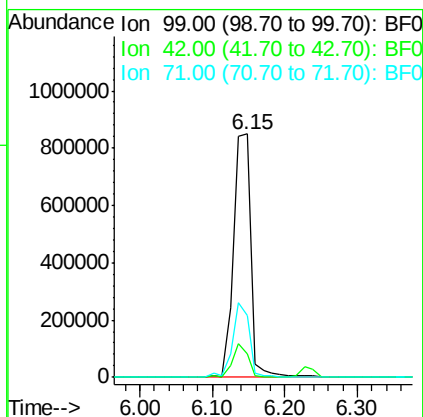
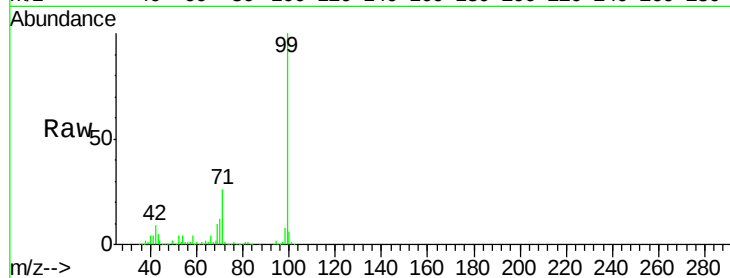
BNA_F

ClientSampleId :

SUP-B057-6-9

Tot Ion: 99 Resp: 1410860

Ion	Ratio	Lower	Upper
99	100		
42	9.4	10.6	15.8#
71	25.6	23.0	34.6



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 6.62 min Scan# 440

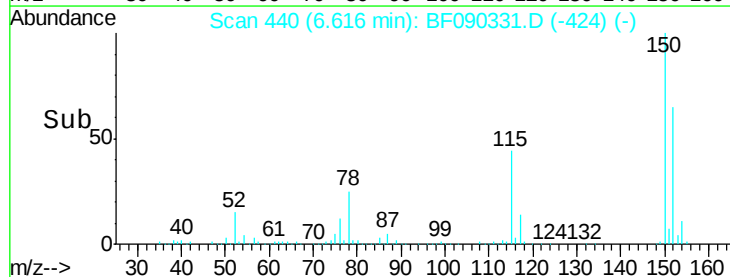
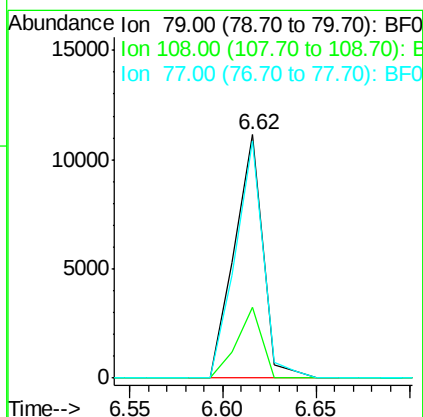
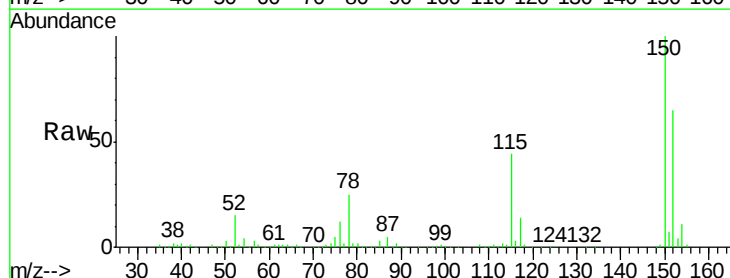
Delta R.T. -0.02 min

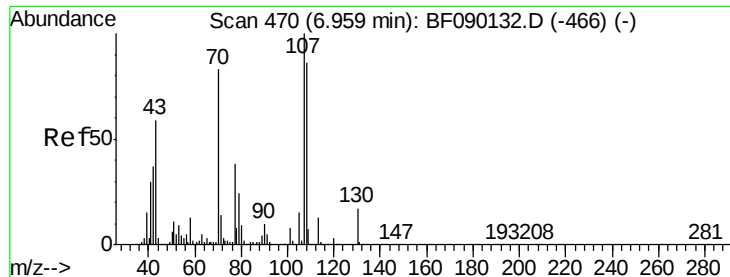
Lab File: BF090331.D

Acq: 1 Oct 2016 00:00

Tgt Ion: 79 Resp: 11926

Ion	Ratio	Lower	Upper
79	100		
108	29.1	62.2	93.4#
77	97.3	51.4	77.0#





#19

n-Nitroso-di-n-propylamine

Concen: 15.11 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.11 min

Lab File: BF090331.D

Acq: 1 Oct 2016 00:00

Instrument :

BNA_F

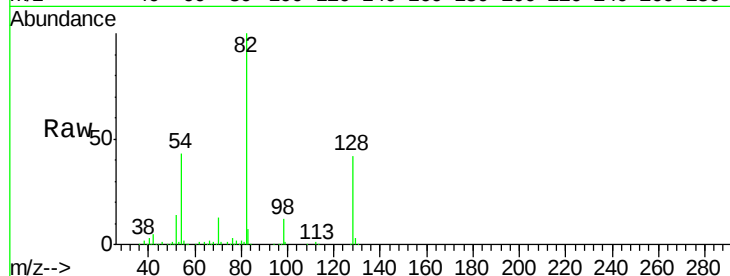
ClientSampleId :

SUP-B057-6-9

Tot Ion: 70 Resp: 84232

Ion Ratio Lower Upper

70	100		
42	39.3	35.1	52.7
101	0.0	7.5	11.3
130	2.0	16.6	25.0

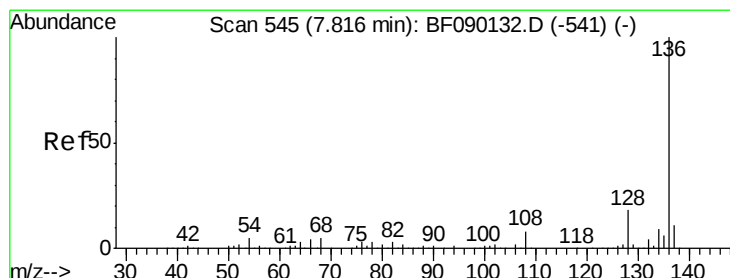
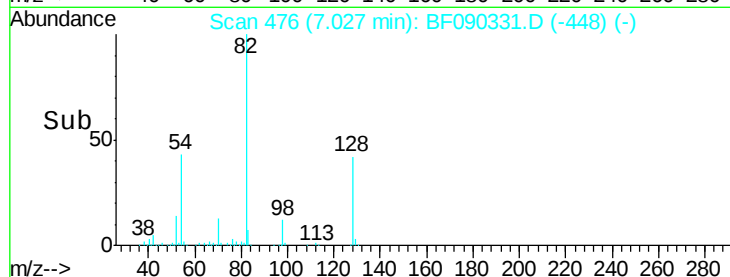
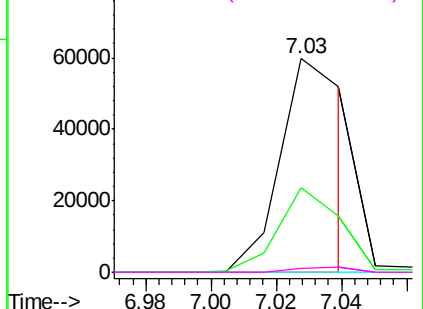


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF090331.D

Acq: 1 Oct 2016 00:00

Tgt Ion: 136 Resp: 494990

Ion Ratio Lower Upper

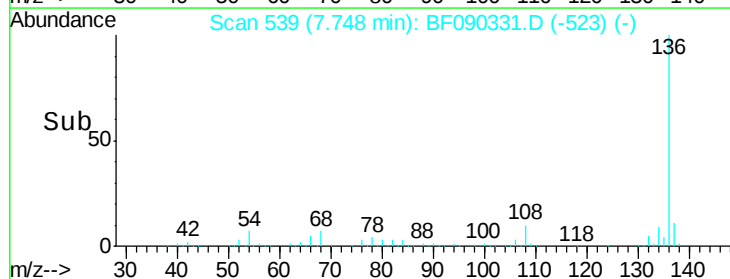
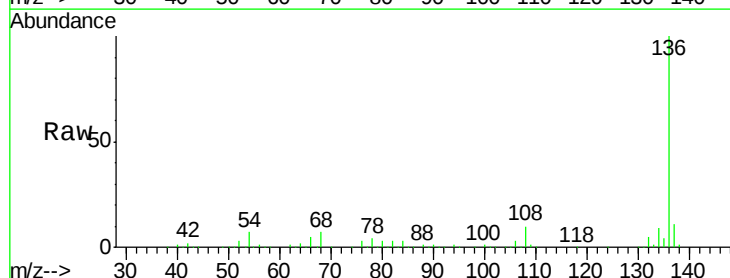
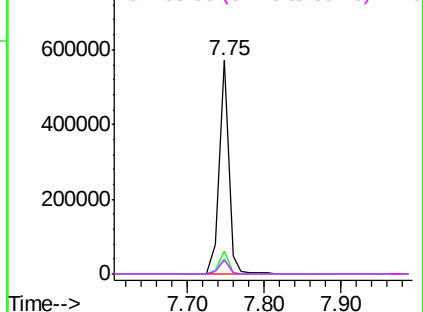
136	100		
137	11.0	9.0	13.4
54	7.2	6.4	9.6
68	6.6	6.3	9.5

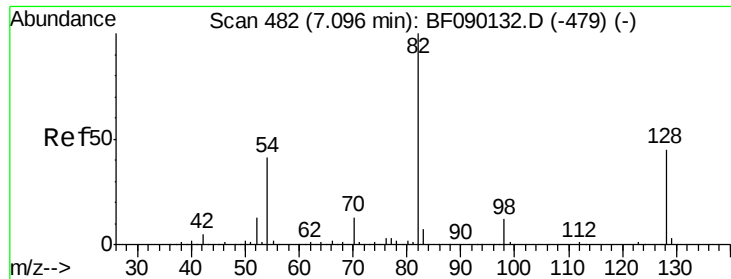
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

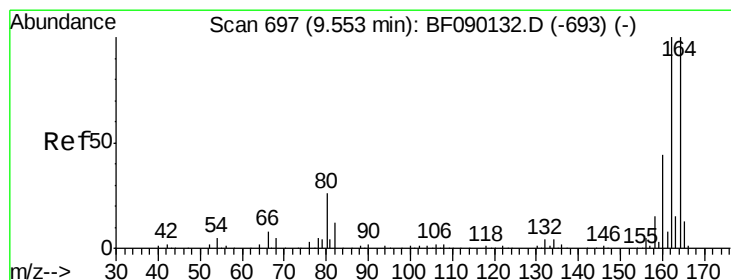
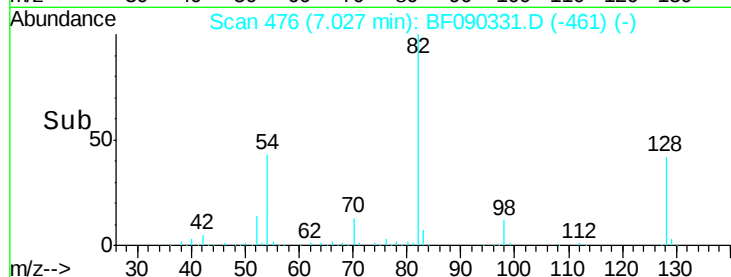
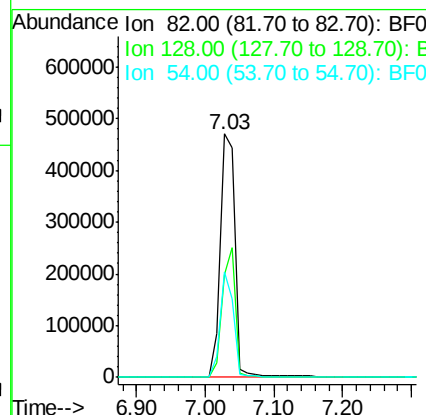
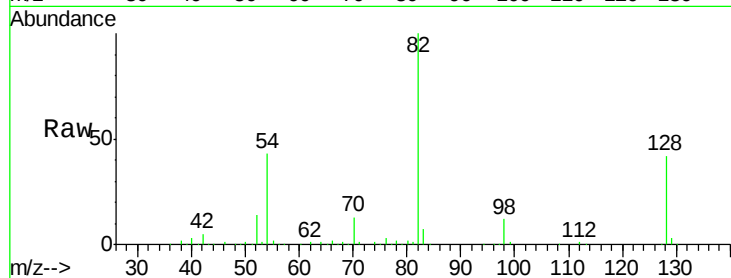




#23
 Nitrobenzene-d5
 Concen: 85.01 ng
 RT: 7.03 min Scan# 476
 Delta R.T. -0.03 min
 Lab File: BF090331.D
 Acq: 1 Oct 2016 00:00

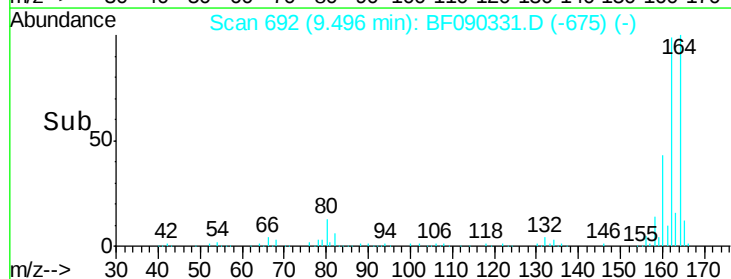
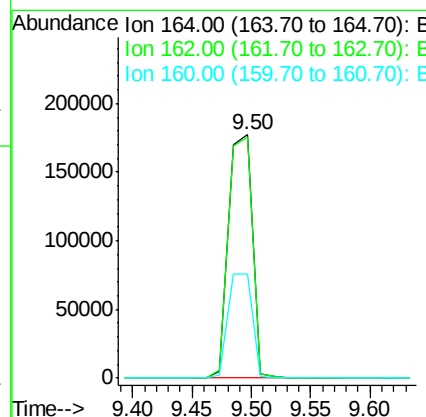
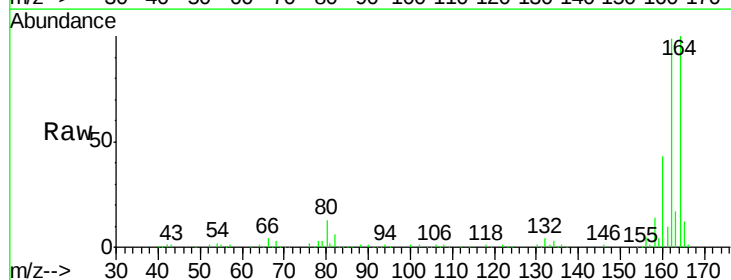
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B057-6-9

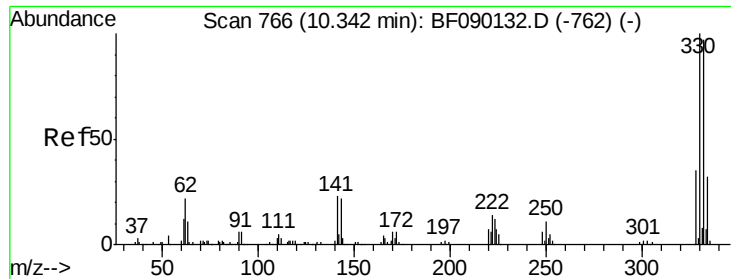
Tot Ion	82	Resp	725877
Ion Ratio	100	Lower	Upper
128	42.0	37.5	56.3
54	43.5	31.9	47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF090331.D
 Acq: 1 Oct 2016 00:00

Tgt Ion	164	Resp	245105
Ion Ratio	100	Lower	Upper
162	98.9	81.4	122.2
160	42.8	36.6	54.8

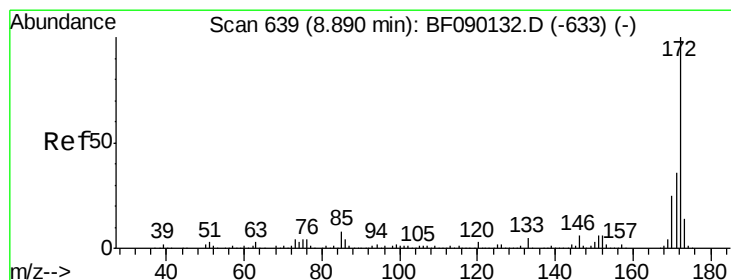
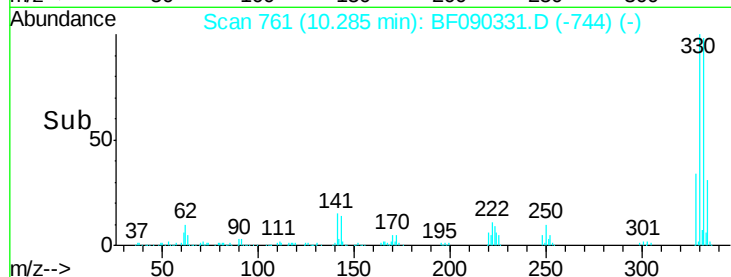
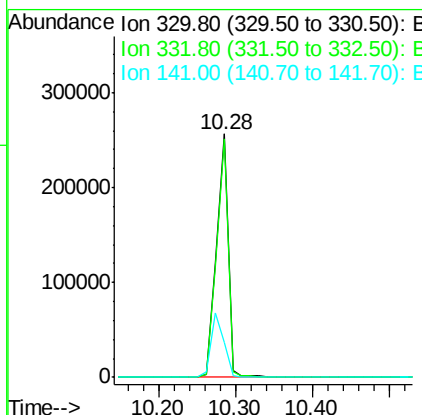
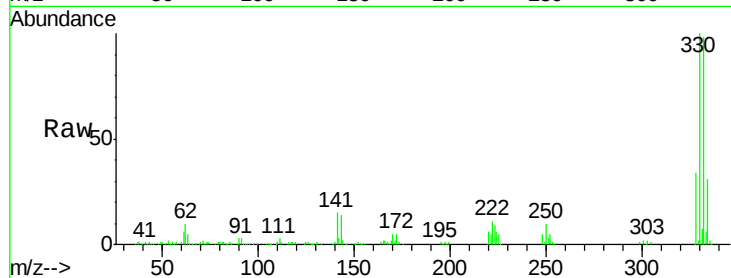




#41
 2,4,6-Tribromophenol
 Concen: 129.09 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF090331.D
 Acq: 1 Oct 2016 00:00

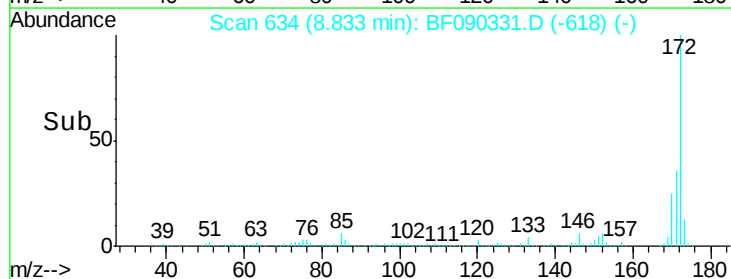
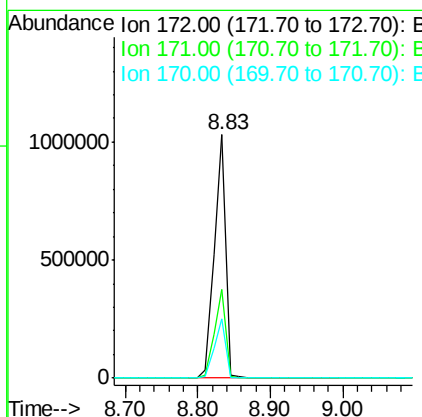
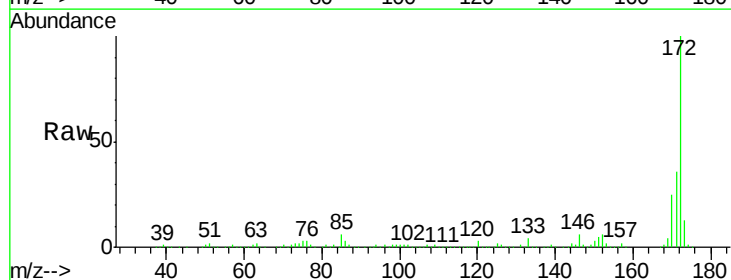
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B057-6-9

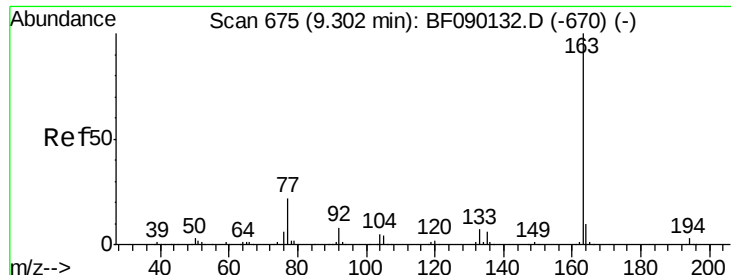
Tot Ion:330 Resp: 271444
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.1 117.1
 141 29.1 23.9 35.9



#44
 2-Fluorobiphenyl
 Concen: 89.43 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF090331.D
 Acq: 1 Oct 2016 00:00

Tgt Ion:172 Resp: 1116534
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 24.5 19.8 29.8

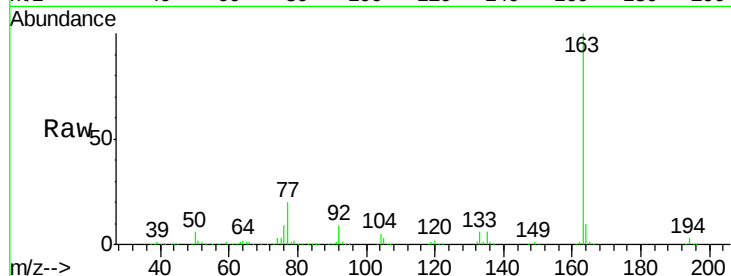




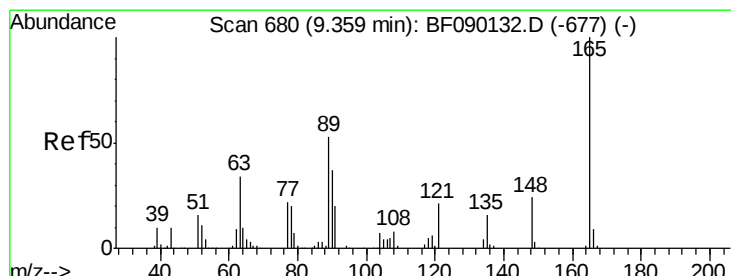
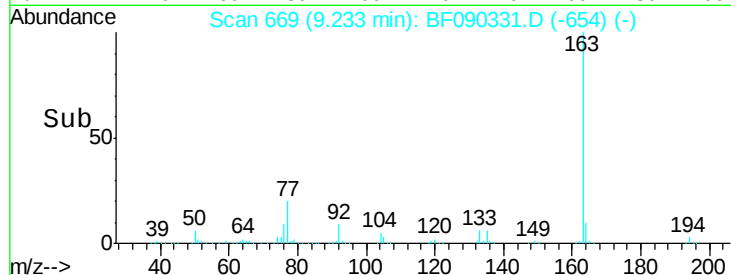
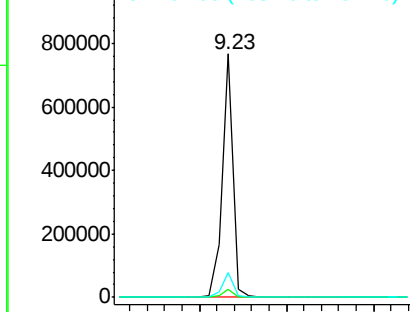
#49
Dimethylphthalate
Concen: 42.79 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF090331.D
Acq: 1 Oct 2016 00:00

Instrument :
BNA_F
ClientSampleId :
SUP-B057-6-9

Tot Ion:163 Resp: 667963
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.3 8.1 12.1

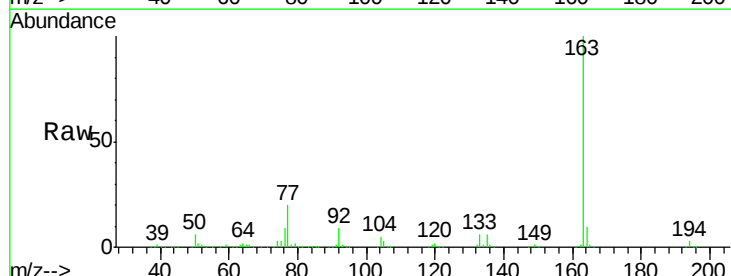


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

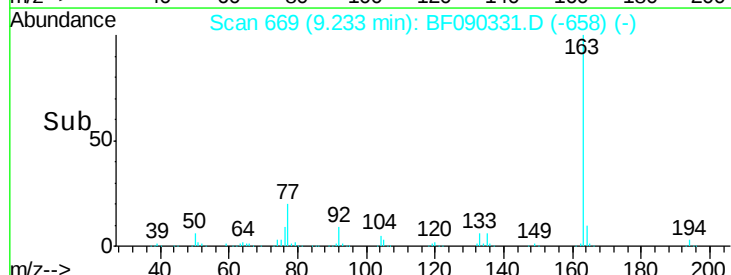
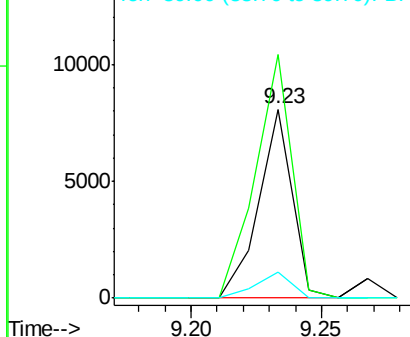


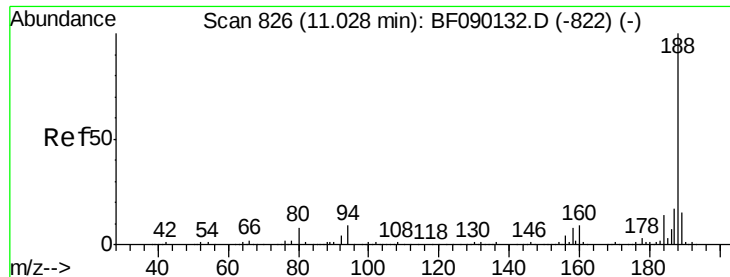
#50
2,6-Dinitrotoluene
Concen: 2.07 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.08 min
Lab File: BF090331.D
Acq: 1 Oct 2016 00:00

Tgt Ion:165 Resp: 7195
Ion Ratio Lower Upper
165 100
63 128.8 49.9 74.9#
89 13.9 51.0 76.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

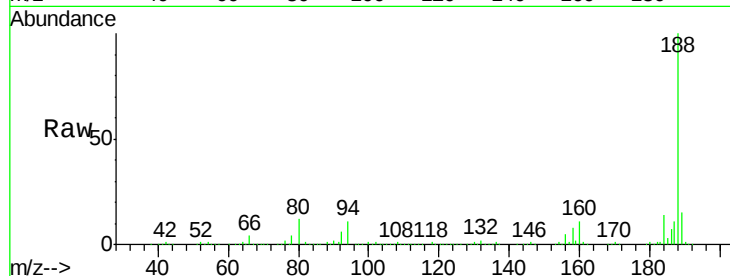




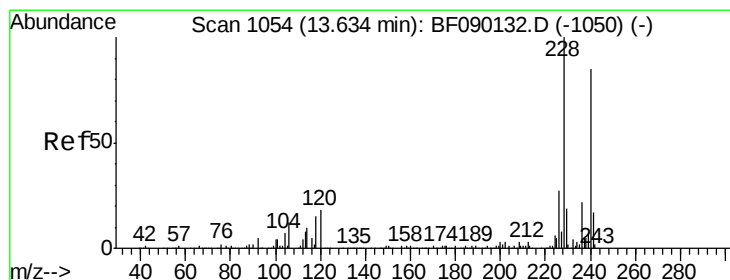
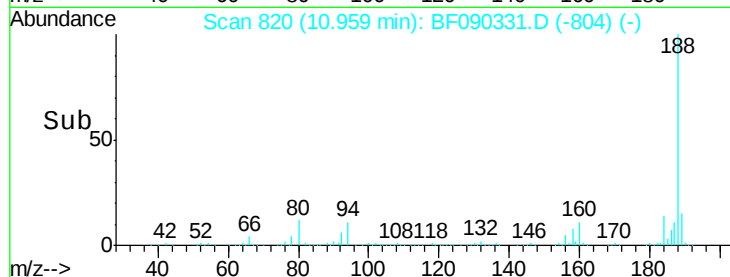
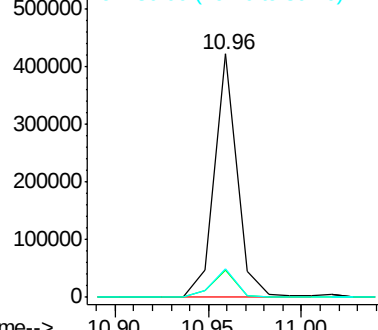
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.96 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF090331.D
Acq: 1 Oct 2016 00:00

Instrument :
BNA_F
ClientSampleId :
SUP-B057-6-9

Tot Ion:188 Resp: 359678
Ion Ratio Lower Upper
188 100
94 11.3 10.5 15.7
80 11.9 11.2 16.8

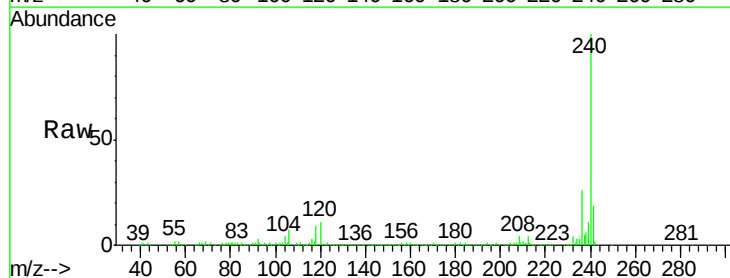


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

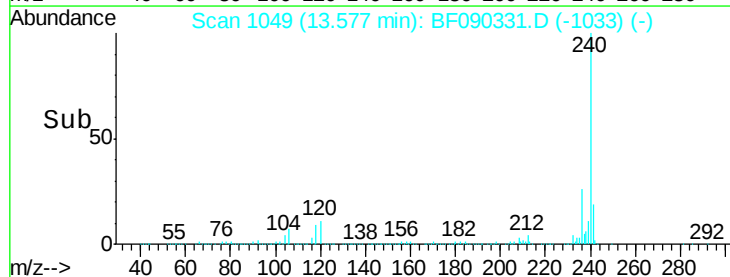
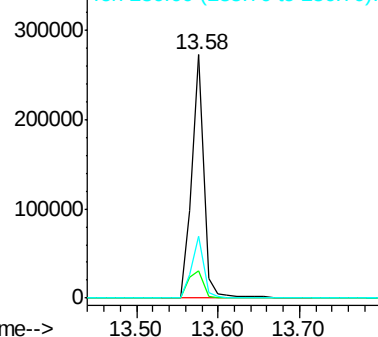


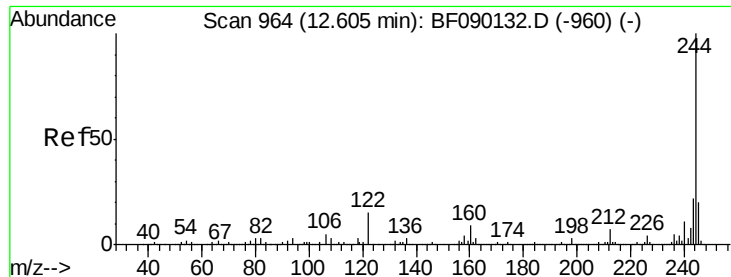
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF090331.D
Acq: 1 Oct 2016 00:00

Tgt Ion:240 Resp: 283731
Ion Ratio Lower Upper
240 100
120 11.4 10.6 16.0
236 25.6 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

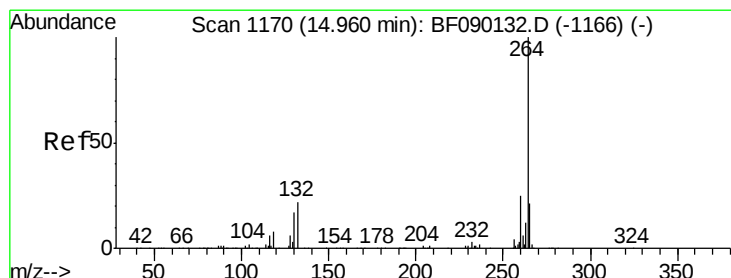
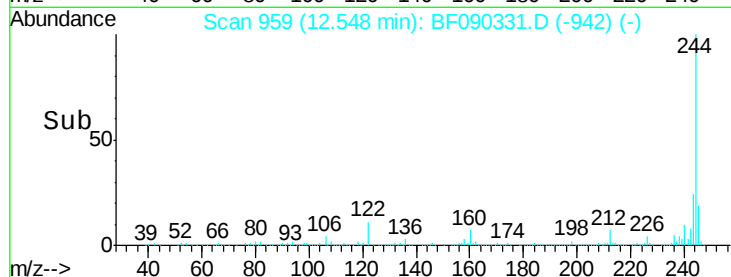
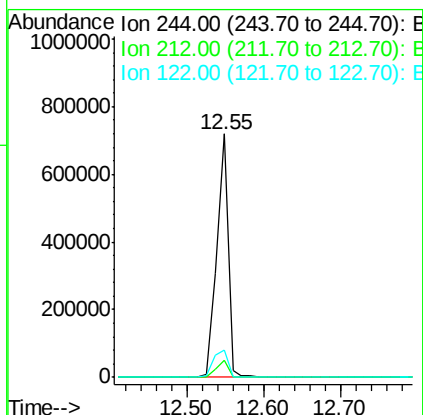
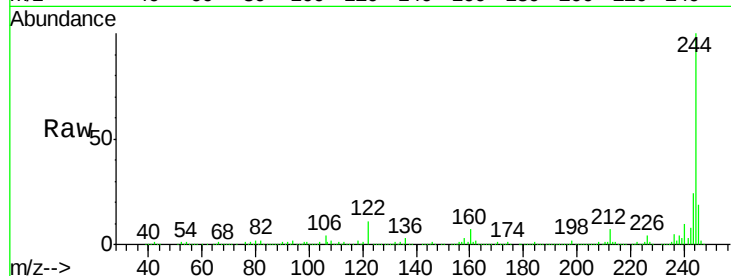




#78
 Terphenyl-d14
 Concen: 66.20 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF090331.D
 Acq: 1 Oct 2016 00:00

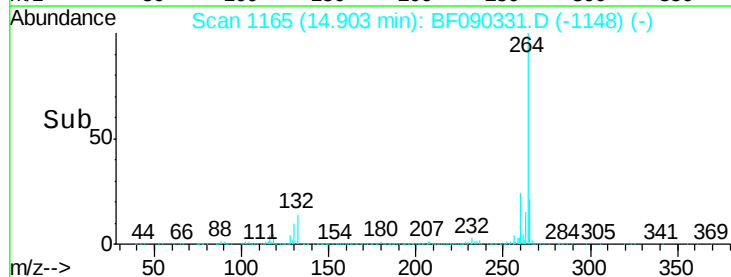
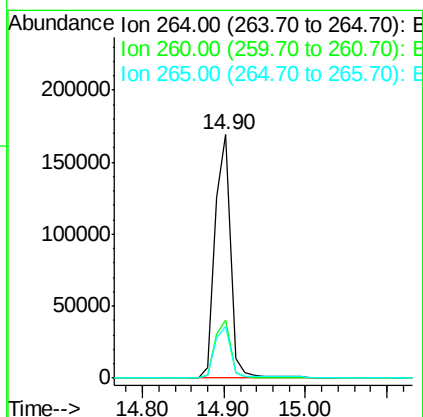
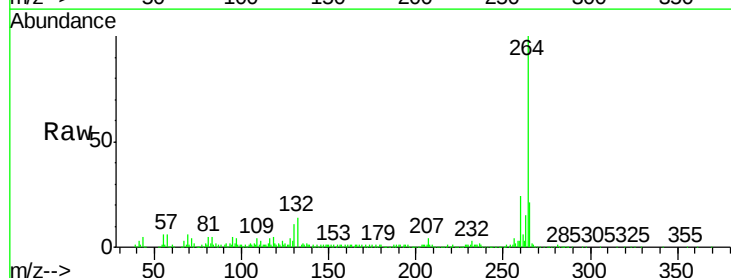
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B057-6-9

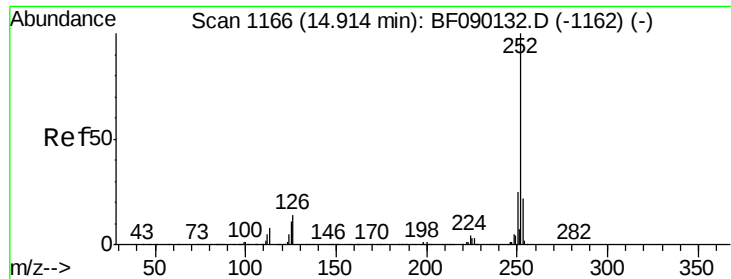
Tot Ion:244 Resp: 739833
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 11.0 9.4 14.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF090331.D
 Acq: 1 Oct 2016 00:00

Tgt Ion:264 Resp: 227017
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.2 17.0 25.4





#89

Benzo(a)pyrene

Concen: 2.98 ng

RT: 14.93 min Scan# 1167

Delta R.T. 0.06 min

Lab File: BF090331.D

Acq: 1 Oct 2016 00:00

Instrument :

BNA_F

ClientSampleId :

SUP-B057-6-9

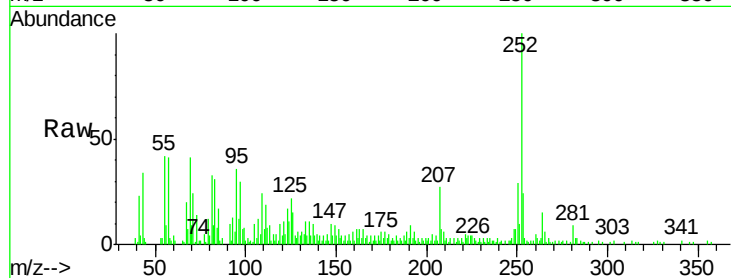
Tot Ion: 252 Resp: 35259

Ion Ratio Lower Upper

252 100

253 23.8 17.4 26.0

125 22.3 7.7 11.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

