

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
 Data File : BF090302.D
 Acq On : 29 Sep 2016 21:05
 Operator : UM/SJ
 Sample : H4998-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B046-6-9

Quant Time: Sep 30 01:18:55 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

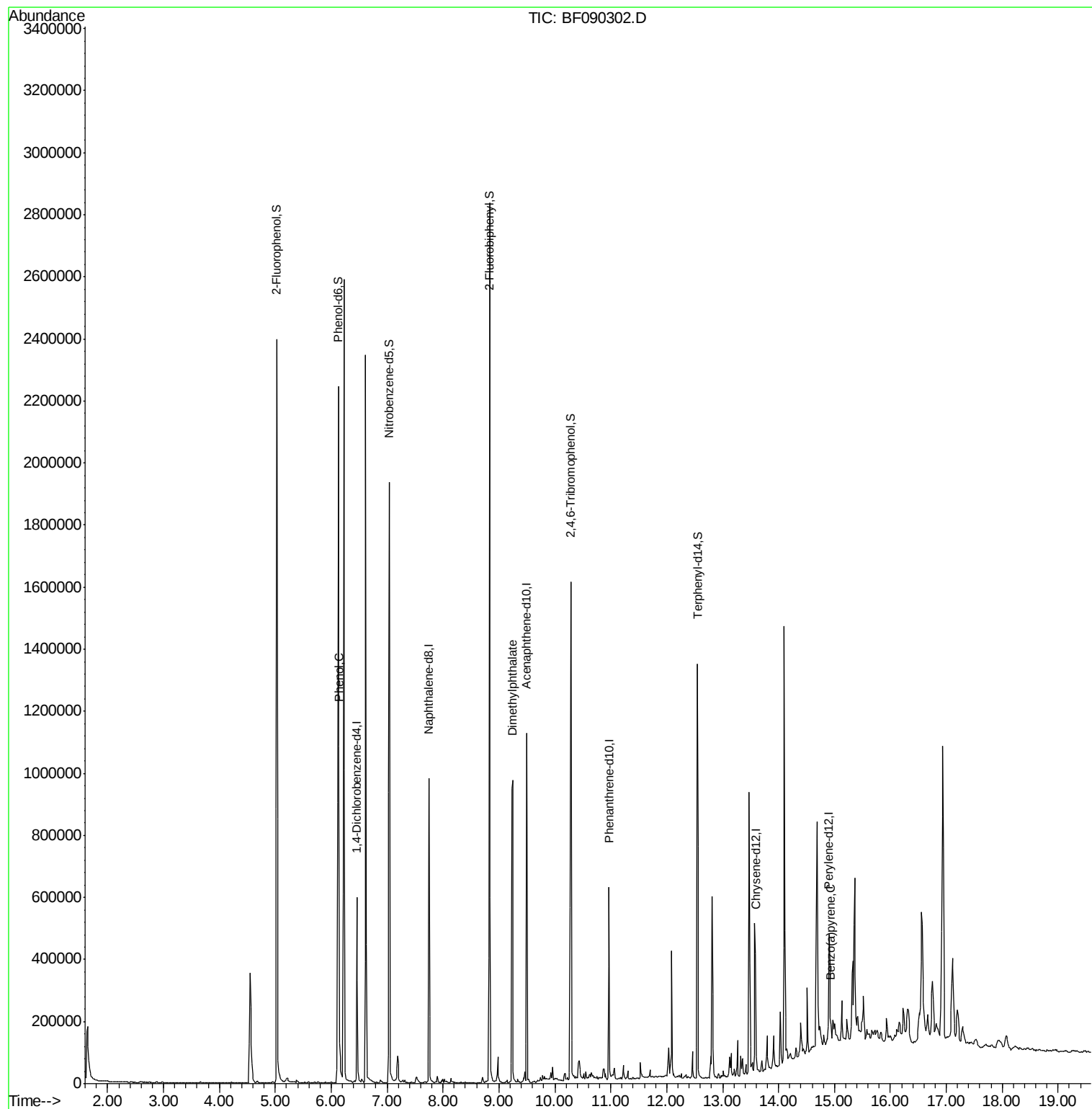
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	118153	20.00	ng	-0.02
21) Naphthalene-d8	7.75	136	460565	20.00	ng	-0.02
38) Acenaphthene-d10	9.50	164	224408	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	289208	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	219009	20.00	ng	-0.01
86) Perylene-d12	14.90	264	170195	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	967107	133.42	ng	0.00
7) Phenol-d6	6.12	99	1268288	141.68	ng	-0.01
23) Nitrobenzene-d5	7.04	82	805286	101.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.28	330	203205	105.55	ng	-0.01
44) 2-Fluorobiphenyl	8.83	172	936489	81.93	ng	-0.02
78) Terphenyl-d14	12.55	244	517791	60.02	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.14	94	27140	2.56	ng	83
49) Dimethylphthalate	9.24	163	682605	47.76	ng	100
89) Benzo(a)pyrene	14.94	252	25135	2.84	ng	# 90

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

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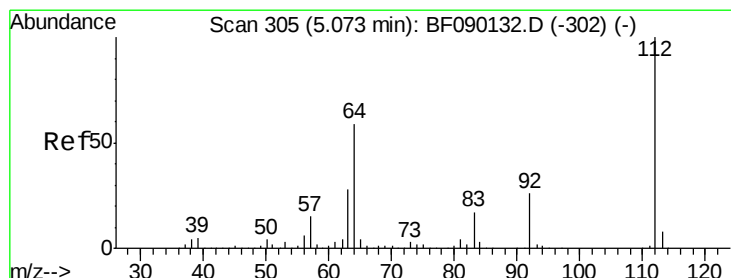
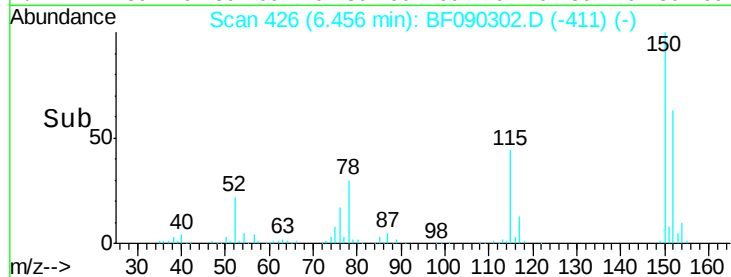
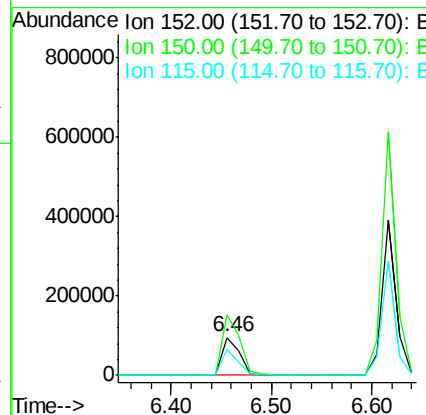
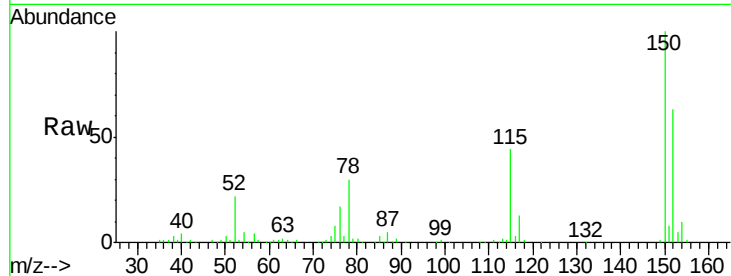


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Instrument :
BNA_F
ClientSampleId :
SUP-B046-6-9

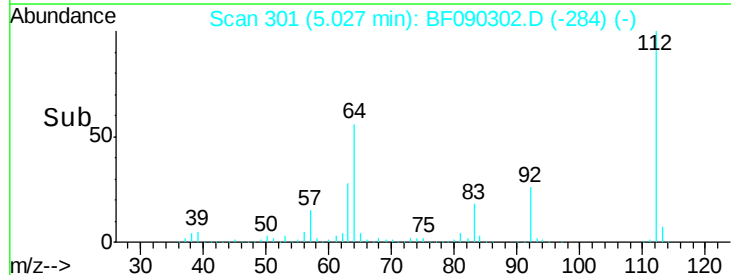
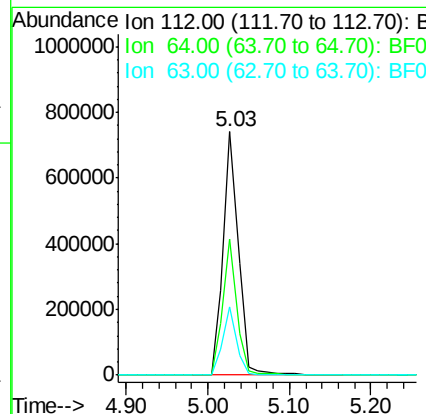
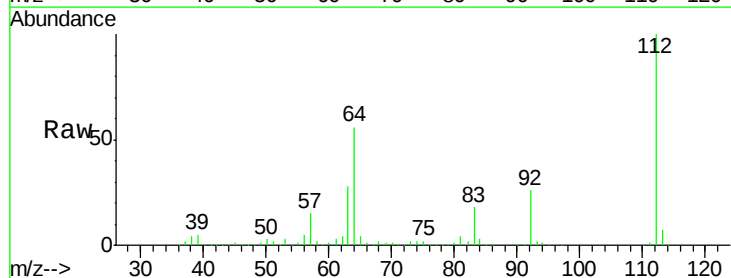
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	128.9	193.3
115	70.5	55.5	83.3

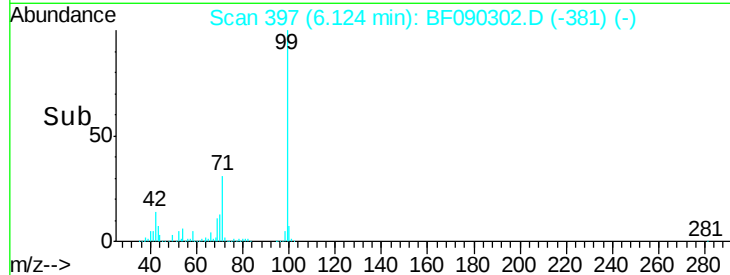
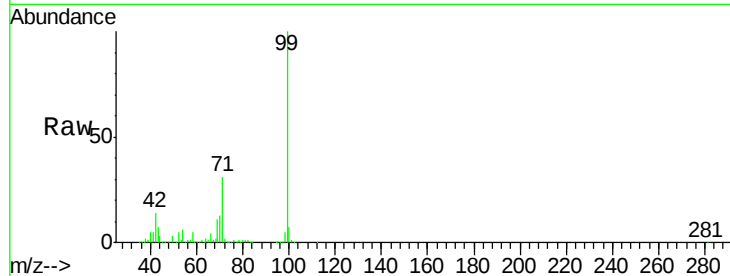


#5

2-Fluorophenol
Concen: 133.42 ng
RT: 5.03 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	39.8	59.6
63	27.9	18.9	28.3





#7

Phenol-d6

Concen: 141.68 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090302.D

Acq: 29 Sep 2016 21:05

Instrument :

BNA_F

ClientSampleId :

SUP-B046-6-9

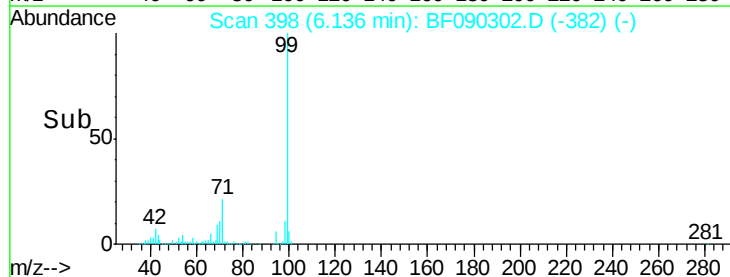
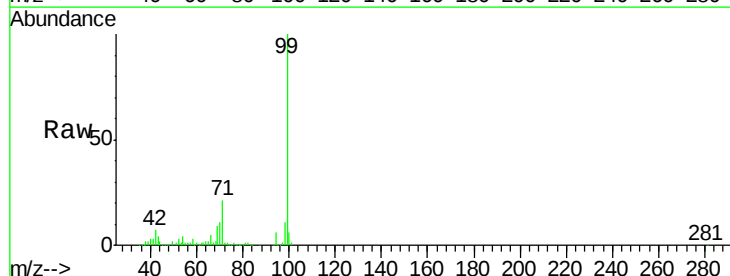
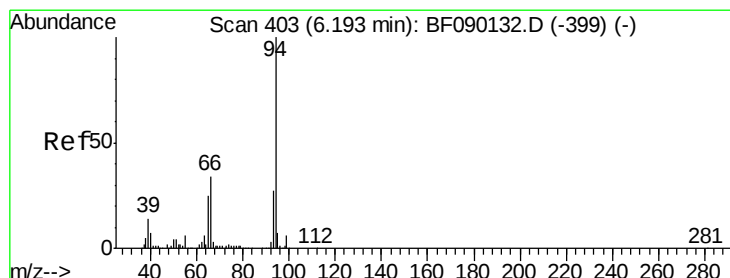
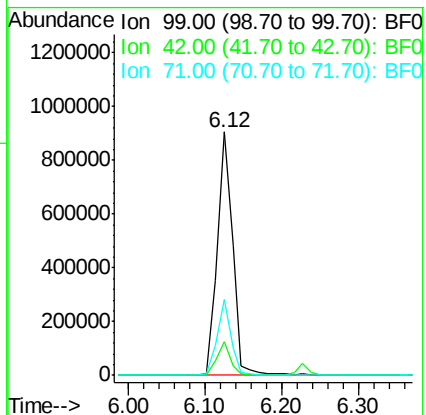
Tot Ion: 99 Resp: 1268288

Ion Ratio Lower Upper

99 100

42 13.6 10.6 15.8

71 31.0 23.0 34.6



#10

Phenol

Concen: 2.56 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.01 min

Lab File: BF090302.D

Acq: 29 Sep 2016 21:05

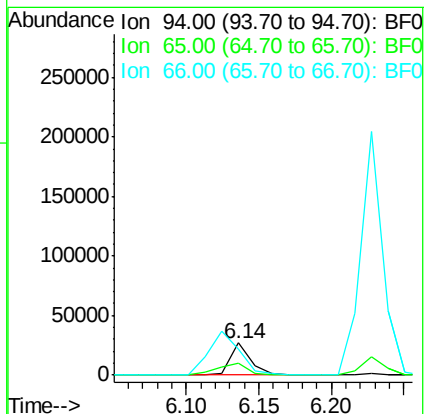
Tgt Ion: 94 Resp: 27140

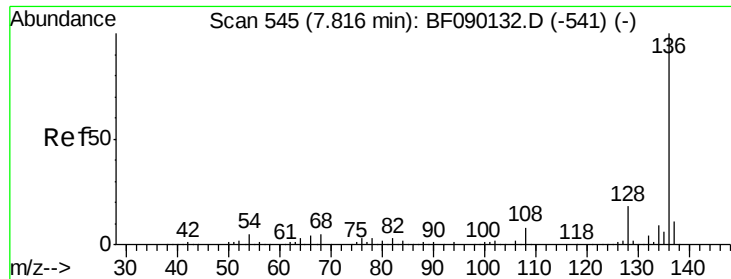
Ion Ratio Lower Upper

94 100

65 36.3 20.6 60.6

66 83.7 45.1 85.1

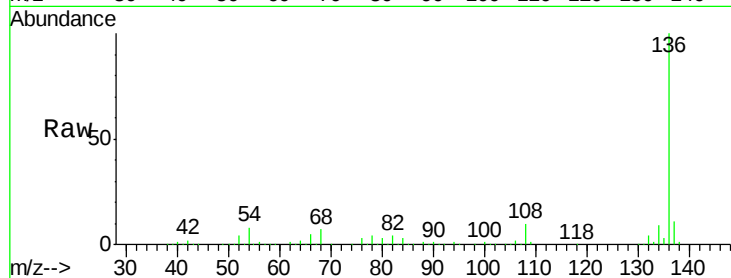




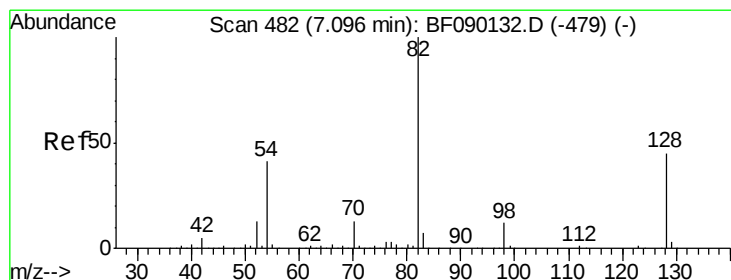
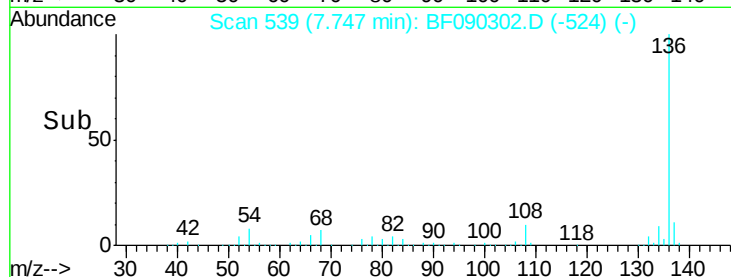
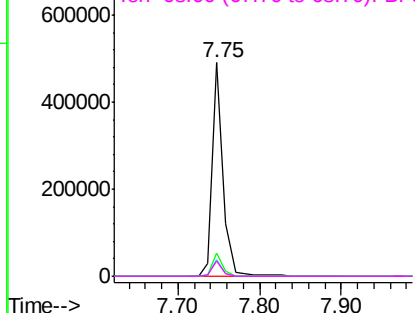
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Instrument :
BNA_F
ClientSampleId :
SUP-B046-6-9

Tot Ion:	136	Resp:	460565
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.8	6.4	9.6
68	7.4	6.3	9.5

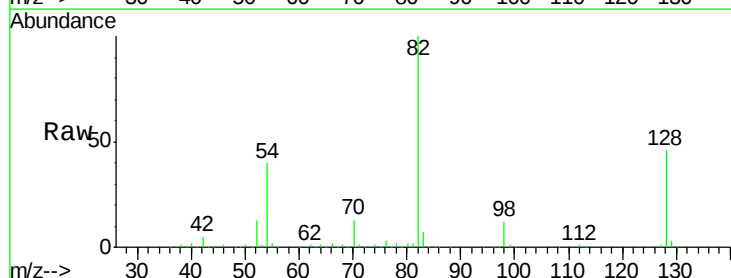


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

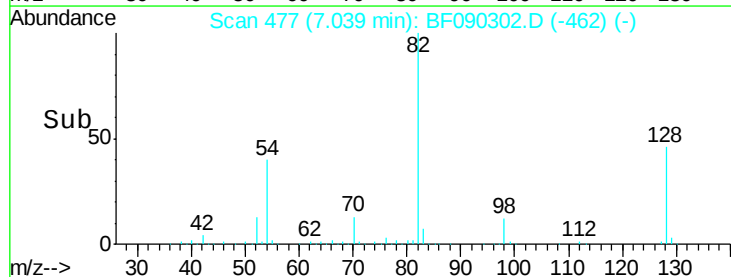
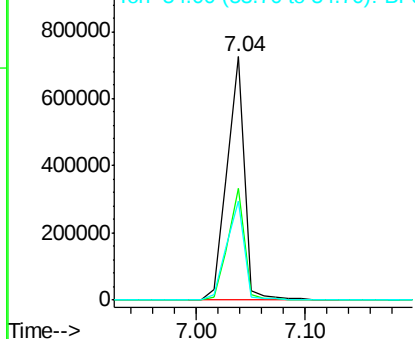


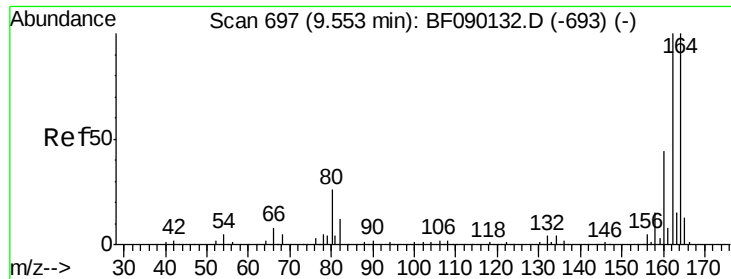
#23
Nitrobenzene-d5
Concen: 101.36 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Tgt Ion:	82	Resp:	805286
Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.5	56.3
54	40.4	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

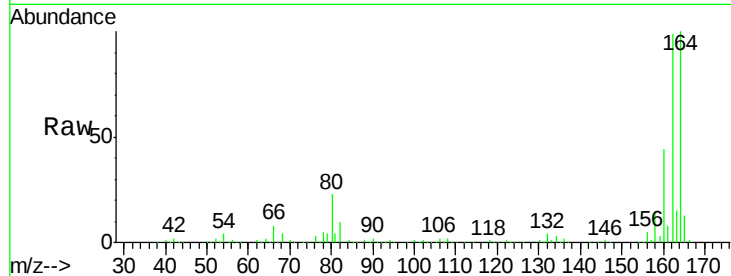




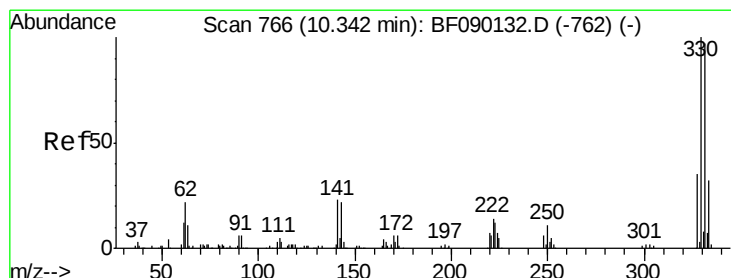
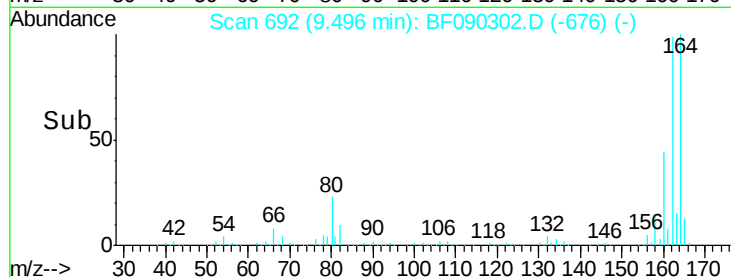
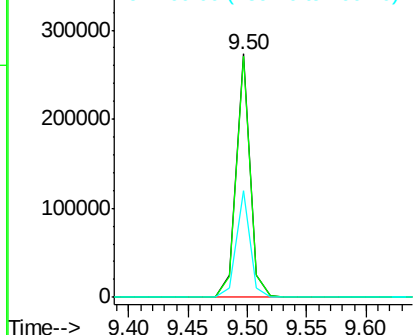
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Instrument :
BNA_F
ClientSampleId :
SUP-B046-6-9

Tot Ion:164 Resp: 224408
Ion Ratio Lower Upper
164 100
162 98.9 81.4 122.2
160 43.6 36.6 54.8

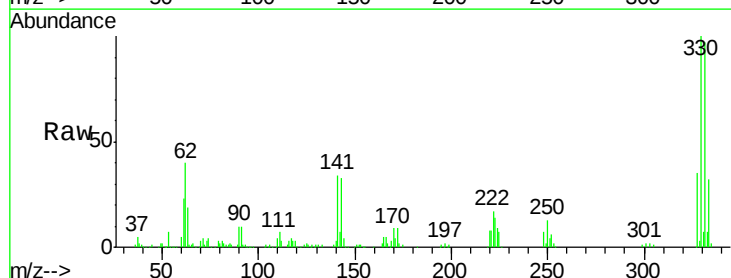


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

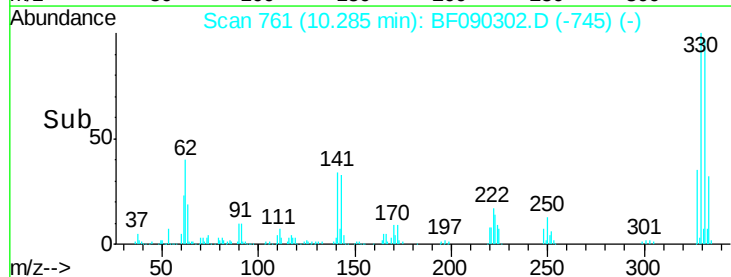
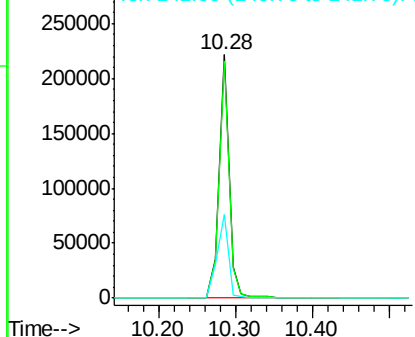


#41
2,4,6-Tribromophenol
Concen: 105.55 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Tgt Ion:330 Resp: 203205
Ion Ratio Lower Upper
330 100
332 97.8 78.1 117.1
141 38.2 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

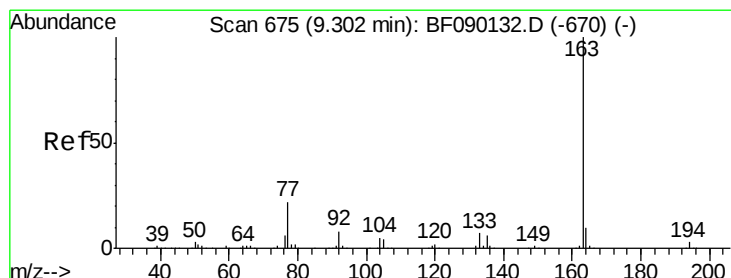
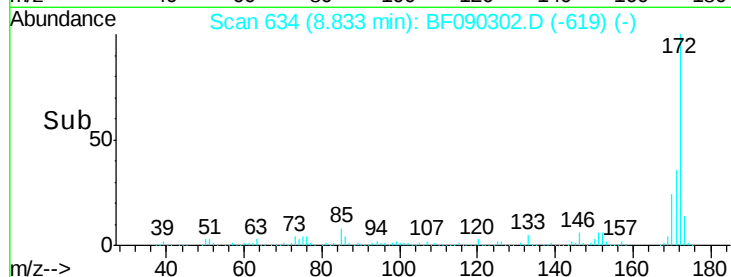
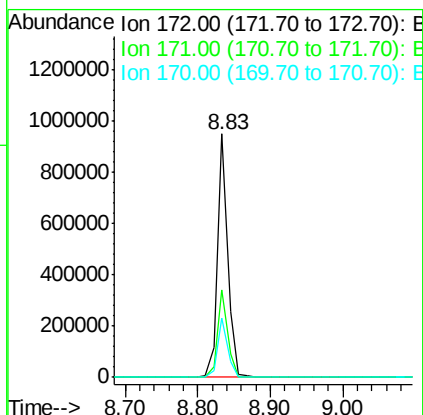
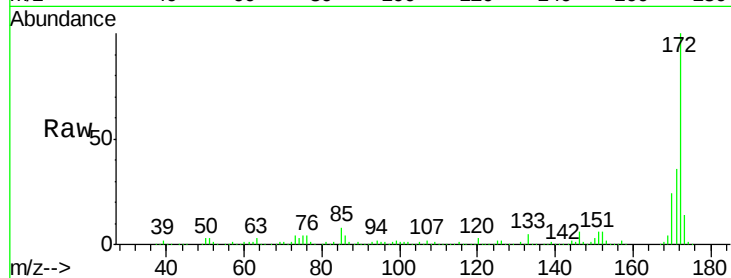




#44
 2-Fluorobiphenyl
 Concen: 81.93 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF090302.D
 Acq: 29 Sep 2016 21:05

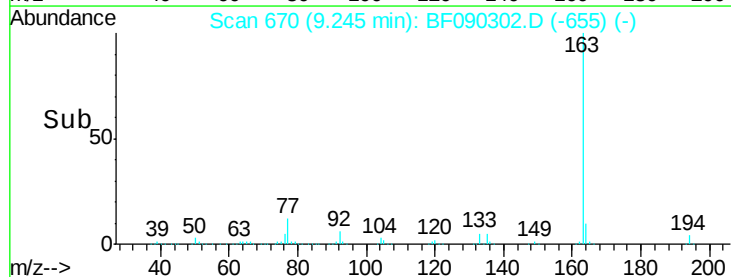
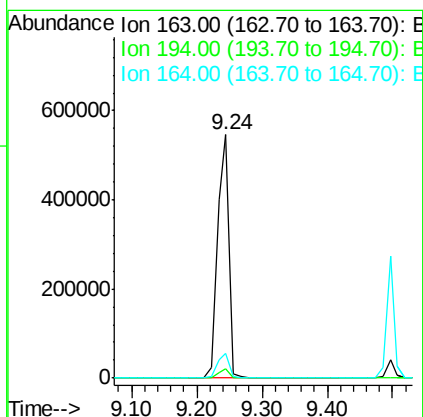
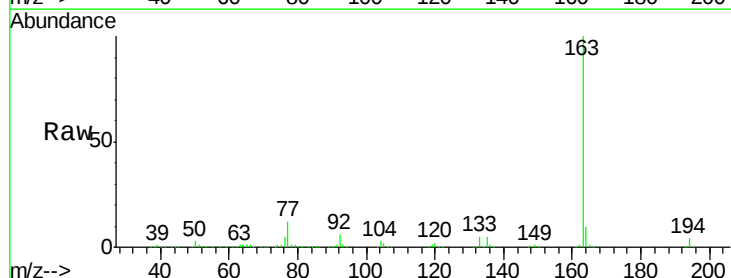
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B046-6-9

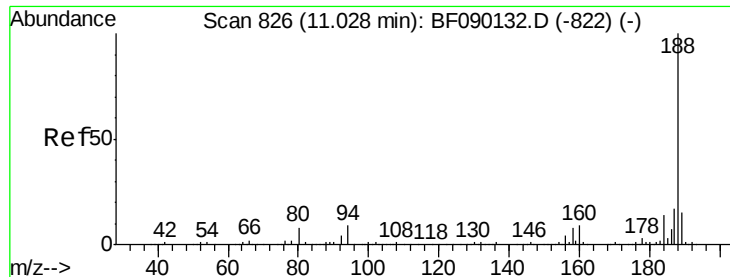
Tot Ion:172 Resp: 936489
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 24.4 19.8 29.8



#49
 Dimethylphthalate
 Concen: 47.76 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BF090302.D
 Acq: 29 Sep 2016 21:05

Tgt Ion:163 Resp: 682605
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.8 4.2
 164 9.9 8.1 12.1

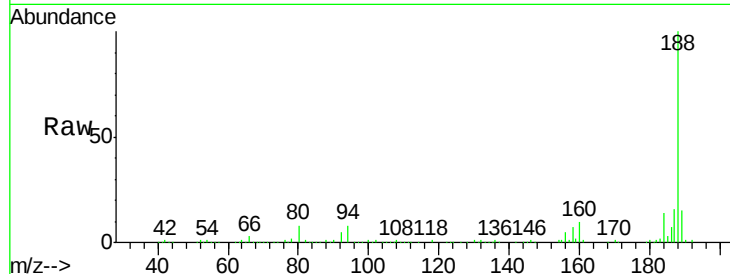




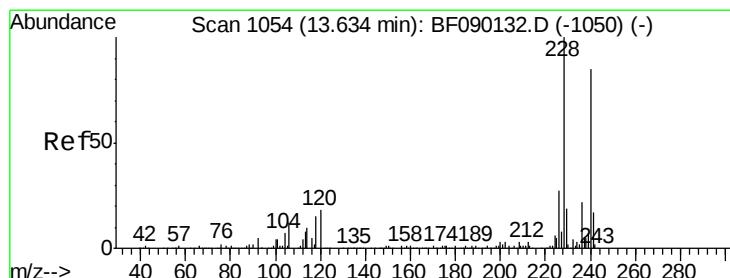
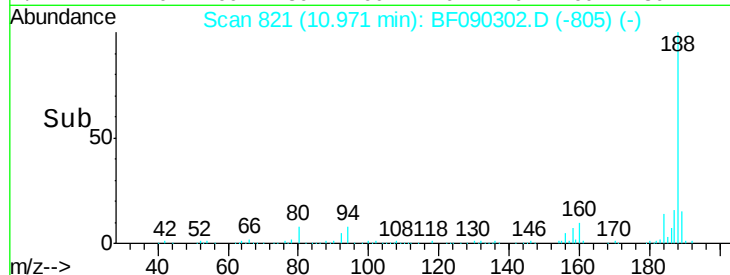
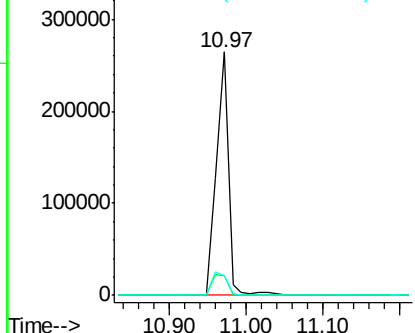
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Instrument :
BNA_F
ClientSampleId :
SUP-B046-6-9

Tot Ion:188 Resp: 289208
Ion Ratio Lower Upper
188 100
94 8.2 10.5 15.7#
80 8.1 11.2 16.8#

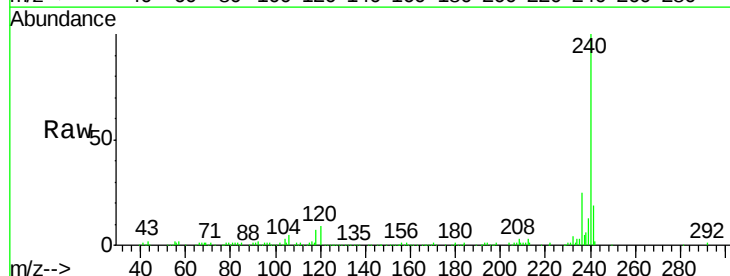


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

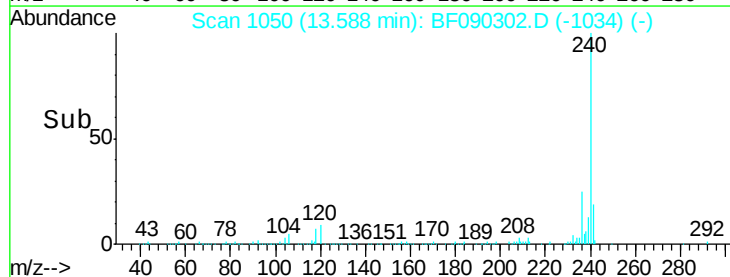
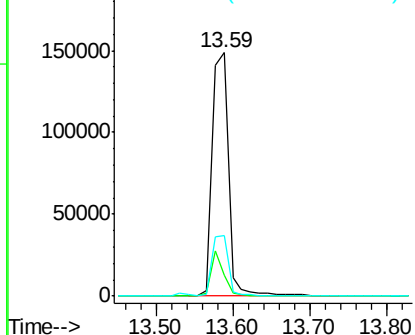


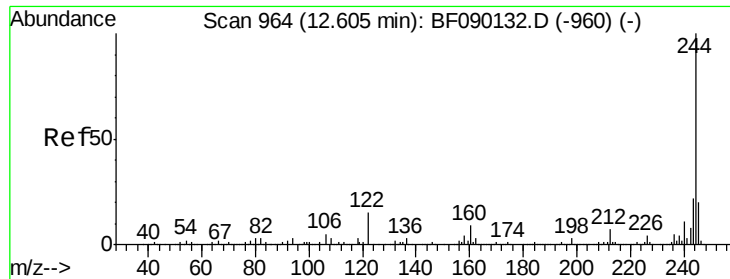
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF090302.D
Acq: 29 Sep 2016 21:05

Tgt Ion:240 Resp: 219009
Ion Ratio Lower Upper
240 100
120 8.6 10.6 16.0#
236 25.0 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

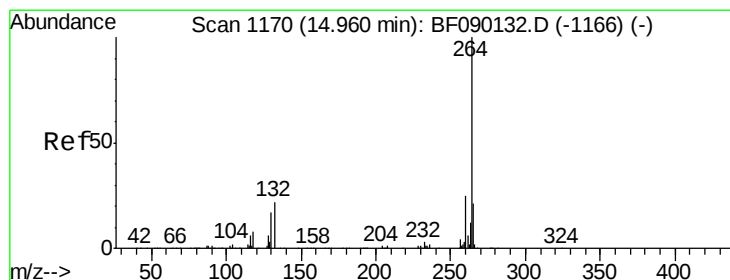
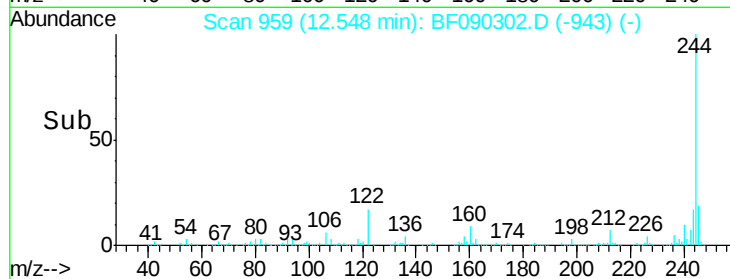
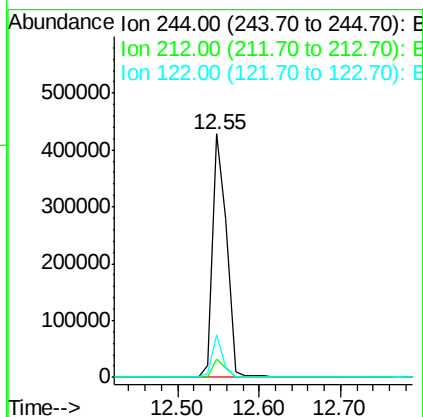
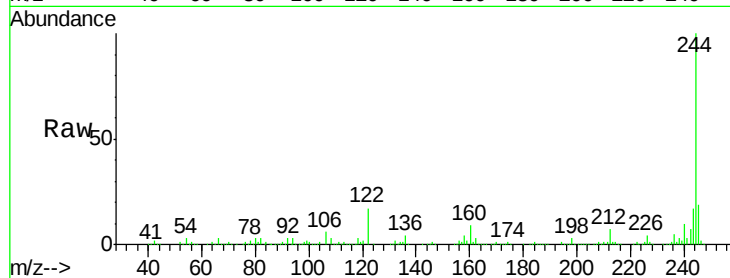




#78
 Terphenyl-d14
 Concen: 60.02 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF090302.D
 Acq: 29 Sep 2016 21:05

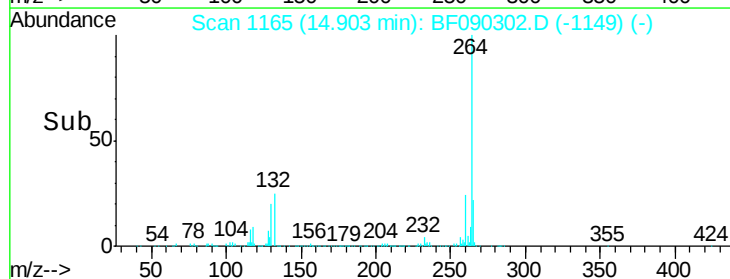
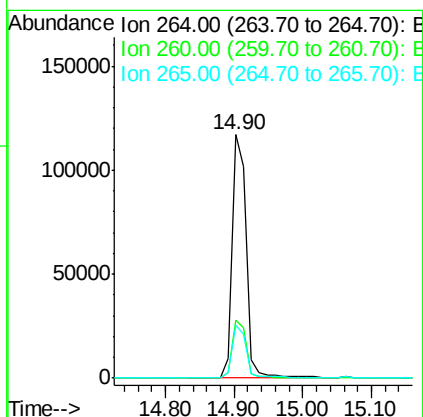
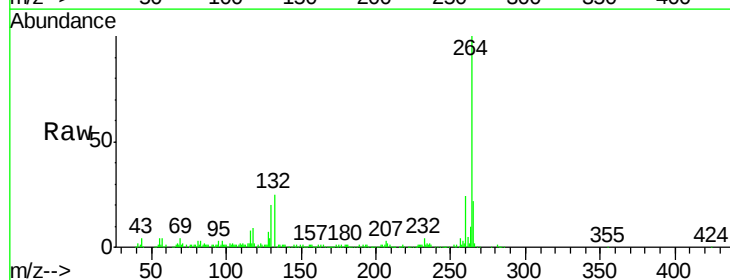
Instrument :
 BNA_F
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 SUP-B046-6-9

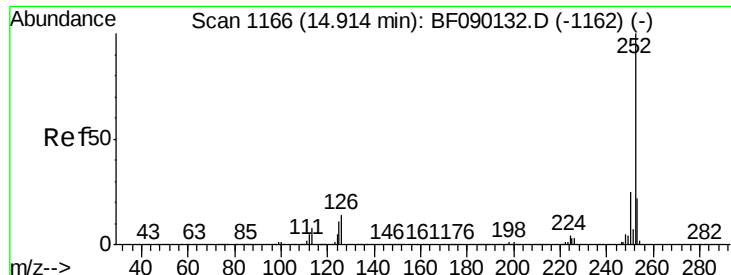
Tot Ion:244 Resp: 517791
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 17.4 9.4 14.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF090302.D
 Acq: 29 Sep 2016 21:05

Tgt Ion:264 Resp: 170195
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.9 17.0 25.4





#89

Benzo(a)pyrene

Concen: 2.84 ng

RT: 14.94 min Scan# 1168

Delta R.T. 0.07 min

Lab File: BF090302.D

Acq: 29 Sep 2016 21:05

Instrument :

BNA_F

ClientSampleId :

SUP-B046-6-9

Tot Ion: 252 Resp: 25135

Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.0

125 18.5 7.7 11.5#

