

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092316\
 Data File : BF090206.D
 Acq On : 23 Sep 2016 19:11
 Operator : UM/SJ
 Sample : H4887-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-17A

Quant Time: Sep 23 23:24:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

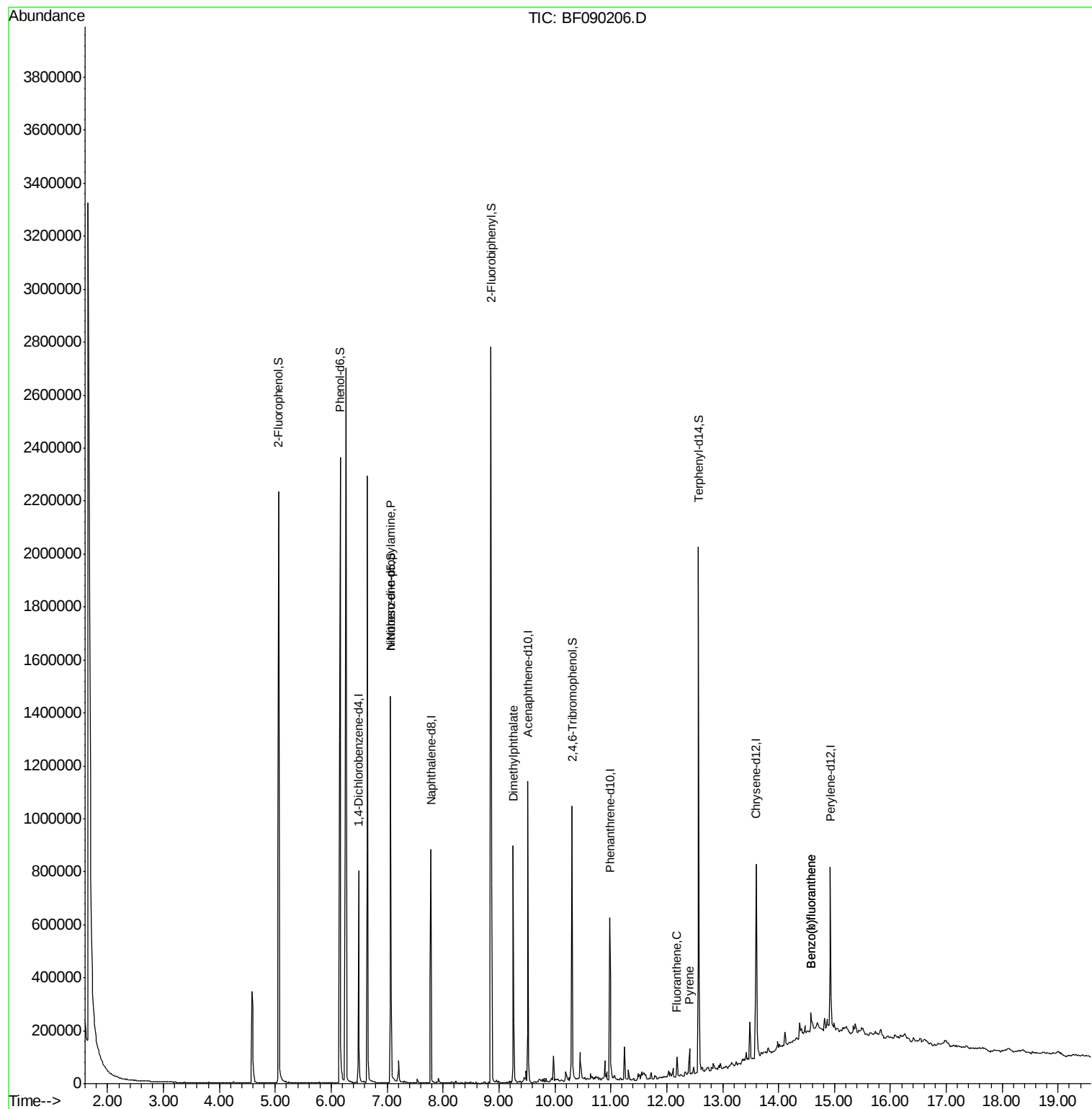
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	127026	20.00	ng	-0.03
21) Naphthalene-d8	7.78	136	478858	20.00	ng	-0.03
38) Acenaphthene-d10	9.52	164	232966	20.00	ng	-0.03
63) Phenanthrene-d10	10.98	188	298798	20.00	ng	-0.05
75) Chrysene-d12	13.60	240	262055	20.00	ng	-0.03
86) Perylene-d12	14.93	264	264602	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	793920	101.88	ng	-0.01
7) Phenol-d6	6.16	99	1135409	117.97	ng	-0.01
23) Nitrobenzene-d5	7.06	82	568061	68.77	ng	-0.03
41) 2,4,6-Tribromophenol	10.31	330	203447	101.79	ng	-0.03
44) 2-Fluorobiphenyl	8.86	172	966212	81.42	ng	-0.03
78) Terphenyl-d14	12.57	244	641232	62.12	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.06	70	66256	11.72	ng	# 79
49) Dimethylphthalate	9.26	163	388238	26.16	ng	99
74) Fluoranthene	12.18	202	31332	2.09	ng	99
77) Pyrene	12.41	202	51089	2.85	ng	98
87) Benzo(b)fluoranthene	14.58	252	36788	2.51	ng	95
88) Benzo(k)fluoranthene	14.58	252	36788	2.68	ng	# 89

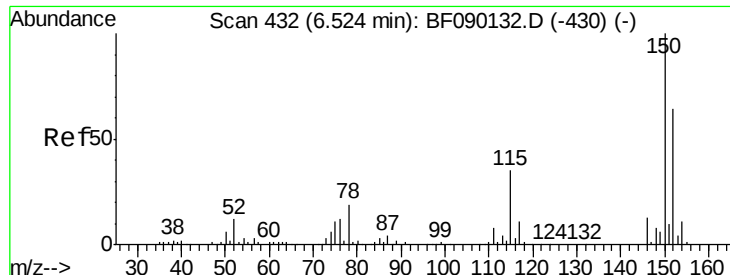
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF090206.D

Acq: 23 Sep 2016 19:11

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-17A

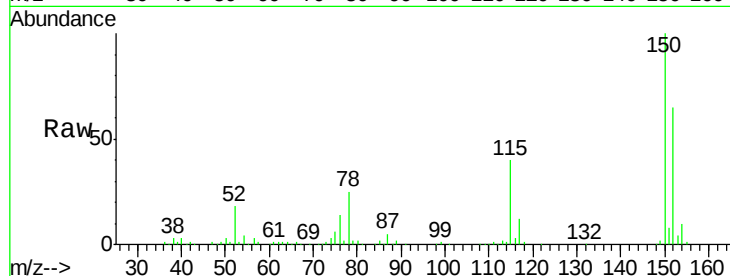
Tgt Ion:152 Resp: 127026

Ion Ratio Lower Upper

152 100

150 154.0 128.9 193.3

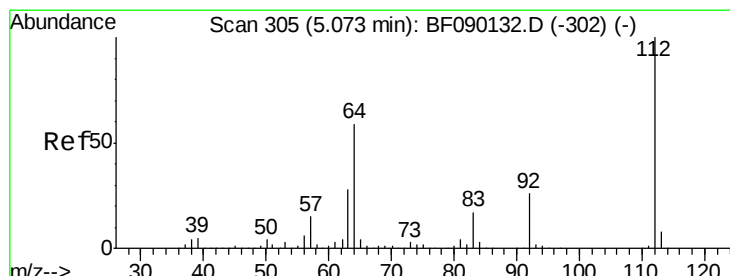
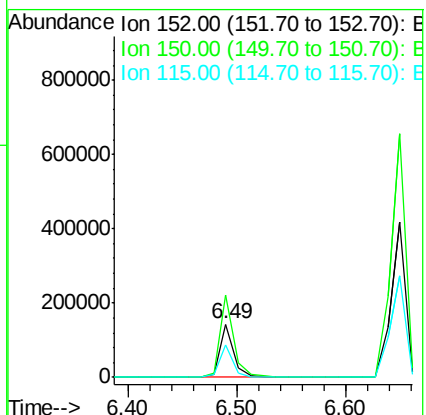
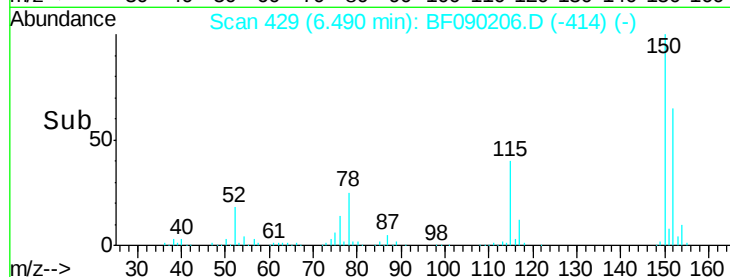
115 61.7 55.5 83.3



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: 101.88 ng

RT: 5.06 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF090206.D

Acq: 23 Sep 2016 19:11

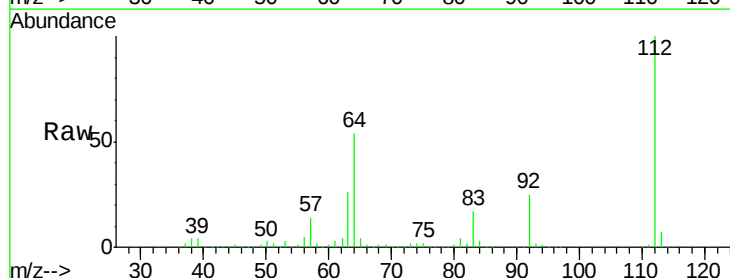
Tgt Ion:112 Resp: 793920

Ion Ratio Lower Upper

112 100

64 53.5 39.8 59.6

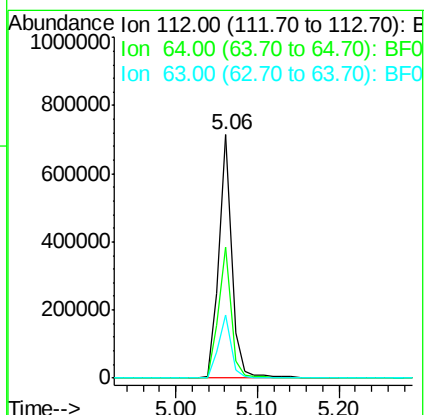
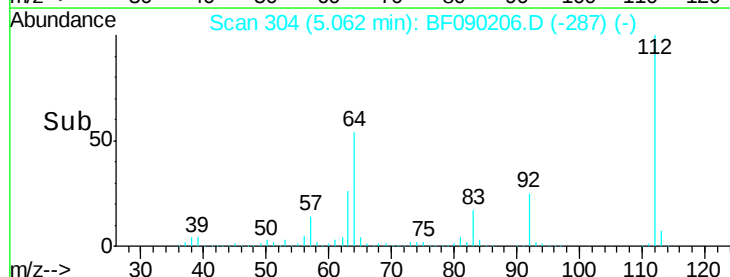
63 25.8 18.9 28.3

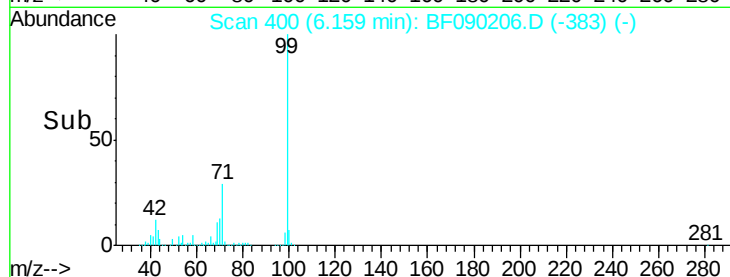
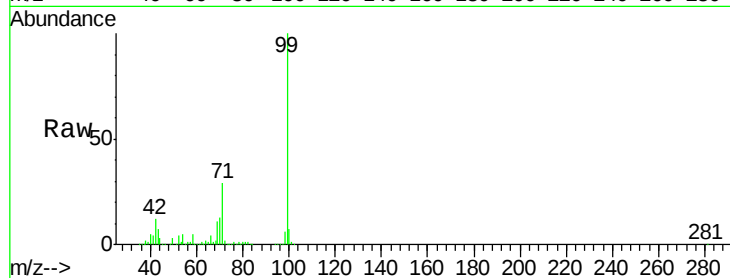
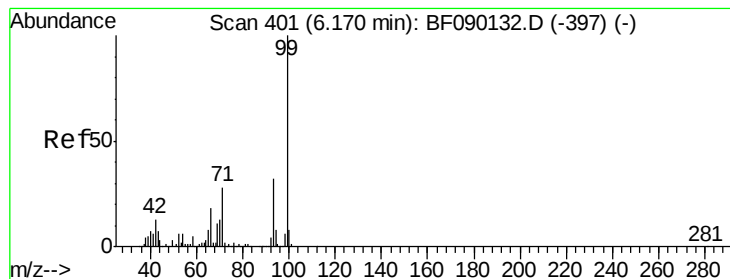


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.97 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF090206.D

Acq: 23 Sep 2016 19:11

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-17A

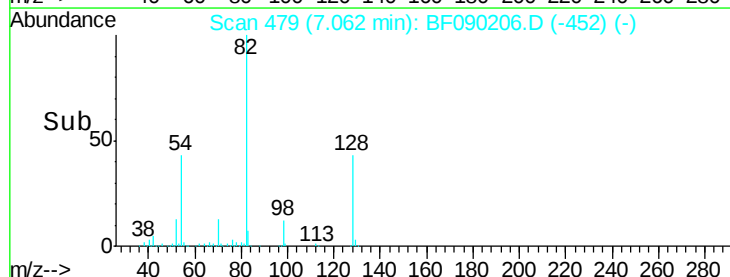
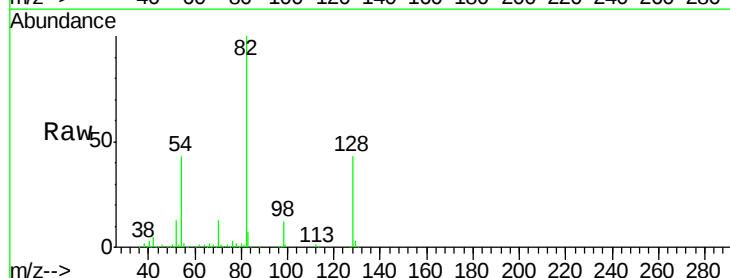
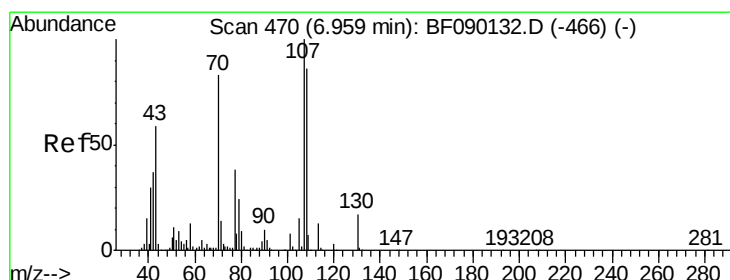
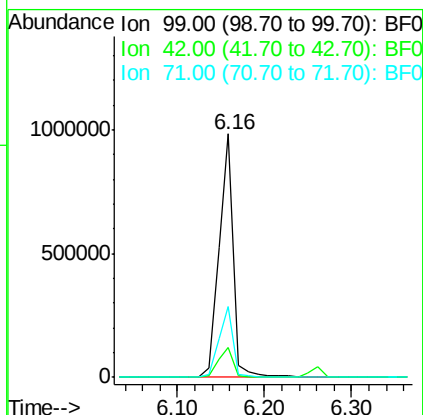
Tgt Ion: 99 Resp: 1135409

Ion Ratio Lower Upper

99 100

42 12.5 10.6 15.8

71 29.3 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 11.72 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.10 min

Lab File: BF090206.D

Acq: 23 Sep 2016 19:11

Tgt Ion: 70 Resp: 66256

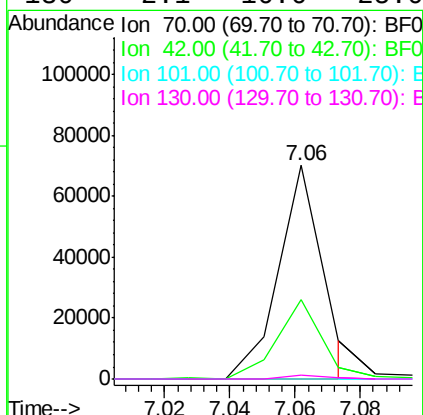
Ion Ratio Lower Upper

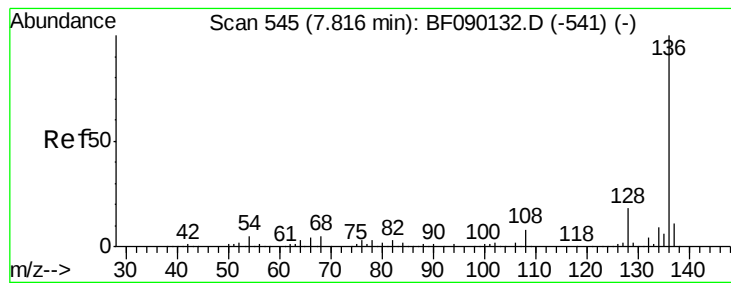
70 100

42 37.3 35.1 52.7

101 0.0 7.5 11.3#

130 2.1 16.6 25.0#

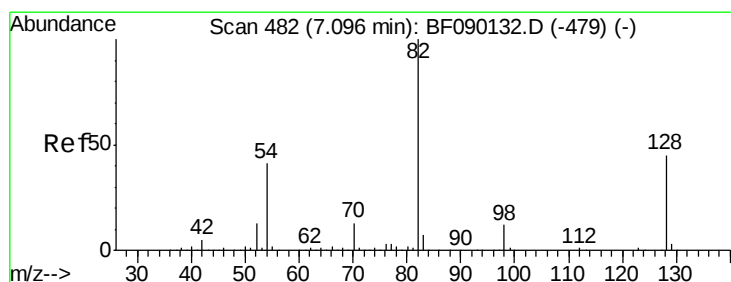
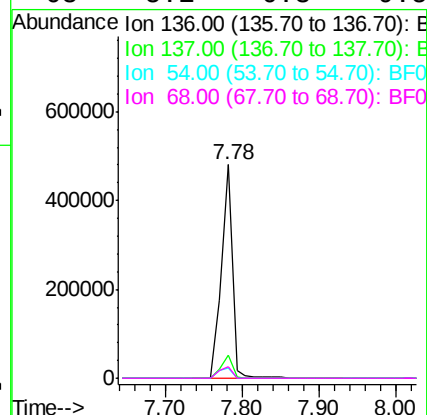
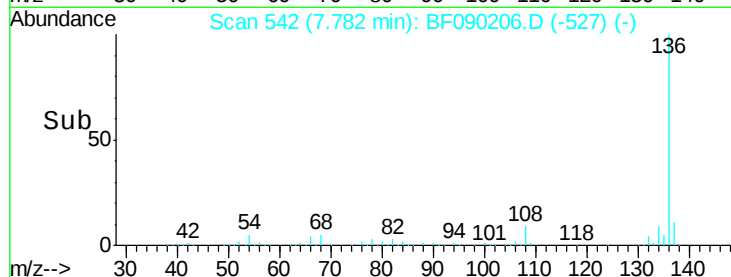
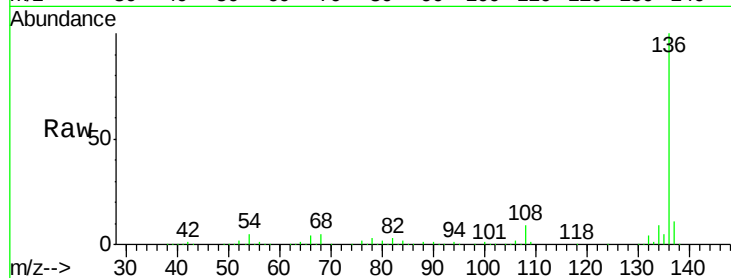




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.03 min
Lab File: BF090206.D
Acq: 23 Sep 2016 19:11

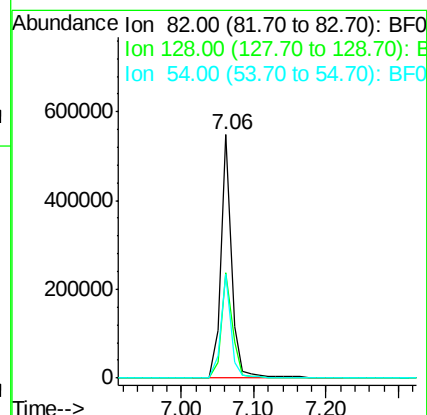
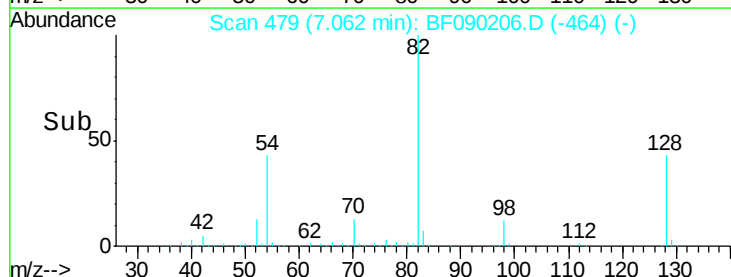
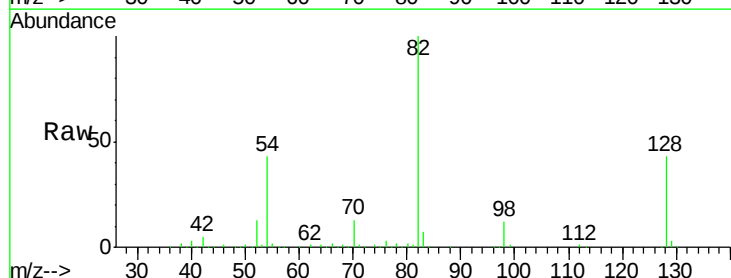
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-17A

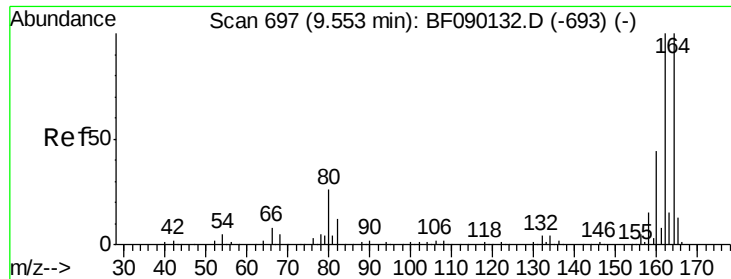
Tgt Ion:	136	Resp:	478858
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	5.1	6.4	9.6#
68	5.1	6.3	9.5#



#23
Nitrobenzene-d5
Concen: 68.77 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.03 min
Lab File: BF090206.D
Acq: 23 Sep 2016 19:11

Tgt Ion:	82	Resp:	568061
Ion	Ratio	Lower	Upper
82	100		
128	43.4	37.5	56.3
54	42.6	31.9	47.9

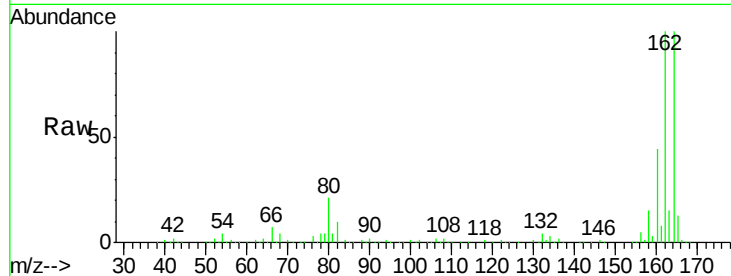




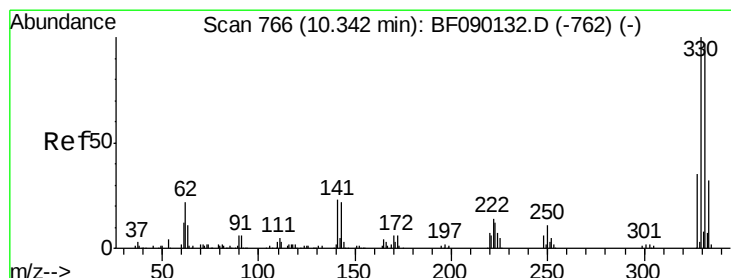
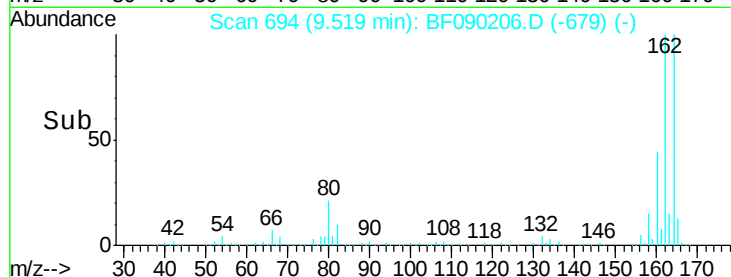
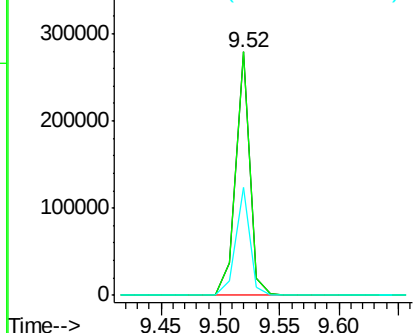
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.03 min
 Lab File: BF090206.D
 Acq: 23 Sep 2016 19:11

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-17A

Tgt Ion:164 Resp: 232966
 Ion Ratio Lower Upper
 164 100
 162 100.2 81.4 122.2
 160 44.5 36.6 54.8

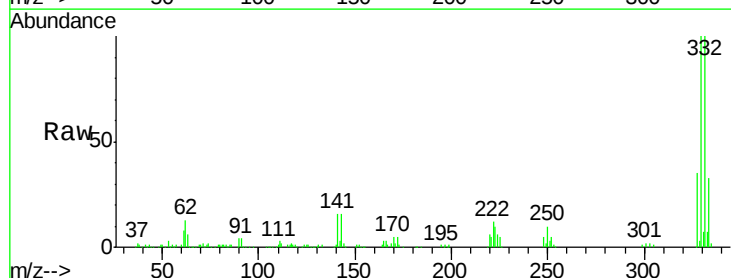


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

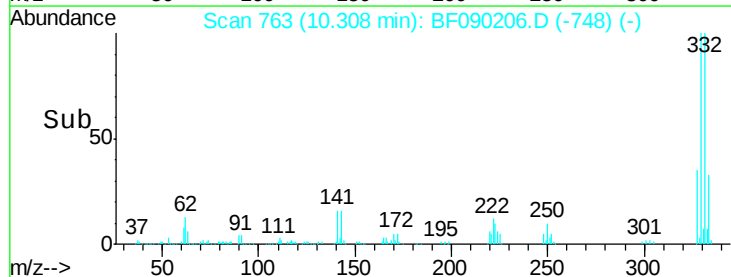
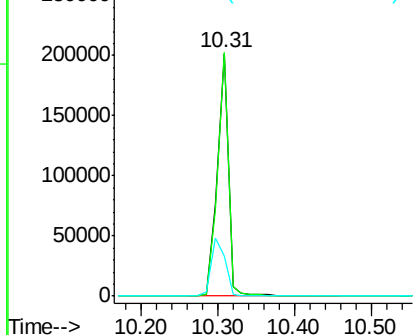


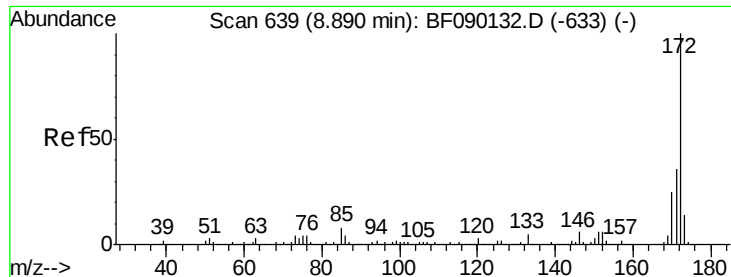
#41
 2,4,6-Tribromophenol
 Concen: 101.79 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.03 min
 Lab File: BF090206.D
 Acq: 23 Sep 2016 19:11

Tgt Ion:330 Resp: 203447
 Ion Ratio Lower Upper
 330 100
 332 99.0 78.1 117.1
 141 30.4 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

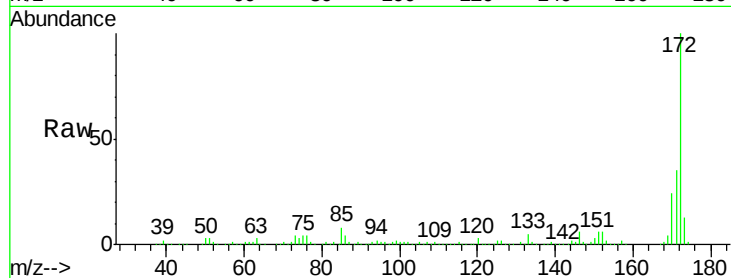




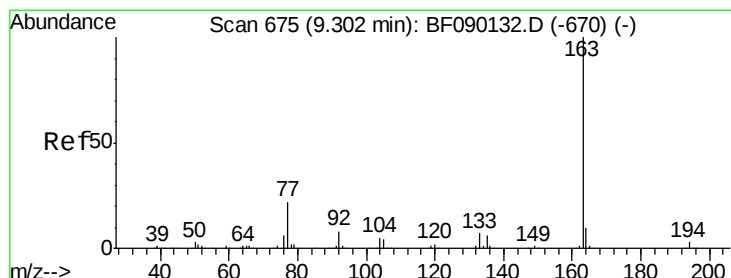
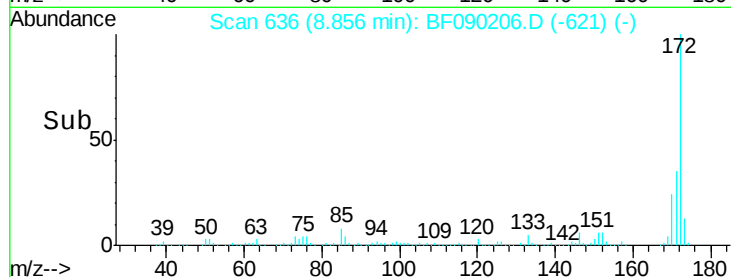
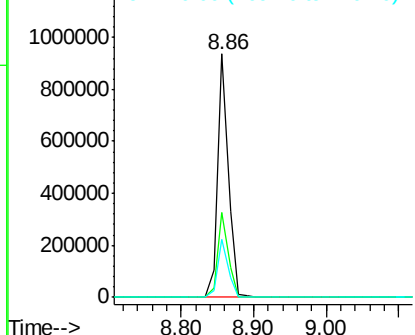
#44
 2-Fluorobiphenyl
 Concen: 81.42 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF090206.D
 Acq: 23 Sep 2016 19:11

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Tgt Ion:172 Resp: 966212
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.2 43.8
 170 24.0 19.8 29.8

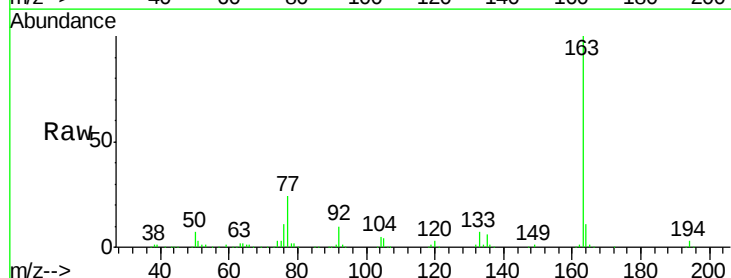


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

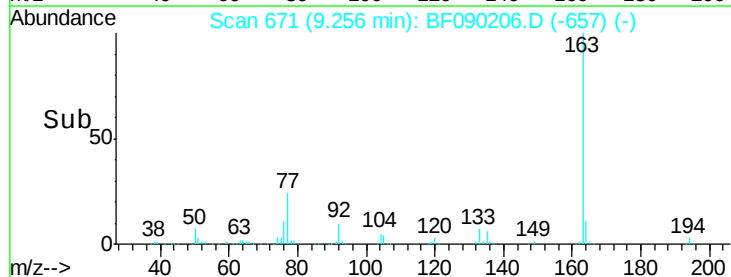
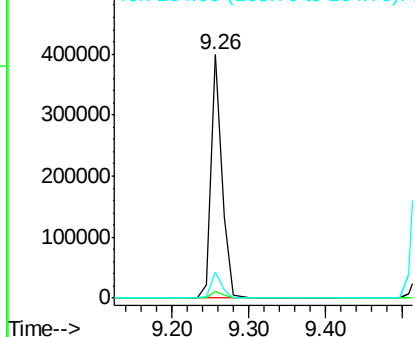


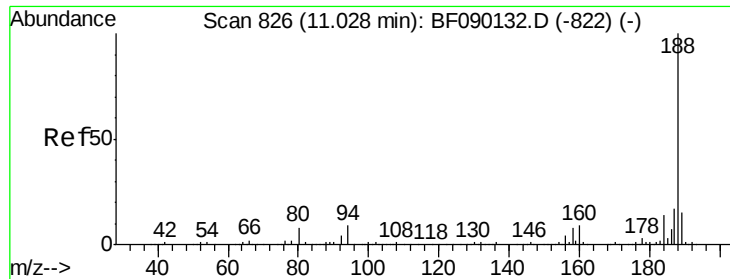
#49
 Dimethylphthalate
 Concen: 26.16 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.05 min
 Lab File: BF090206.D
 Acq: 23 Sep 2016 19:11

Tgt Ion:163 Resp: 388238
 Ion Ratio Lower Upper
 163 100
 194 2.9 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

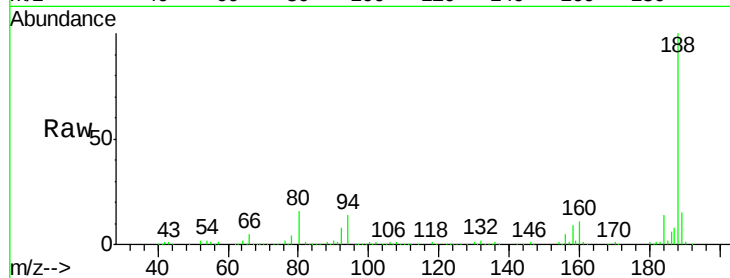




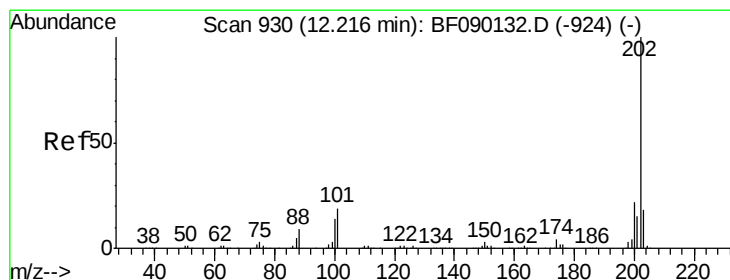
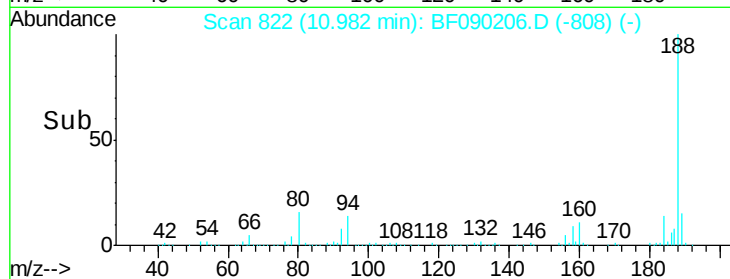
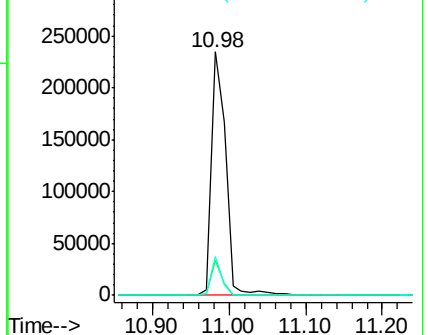
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.05 min
Lab File: BF090206.D
Acq: 23 Sep 2016 19:11

Instrument :
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ClientSampleId :
TRACK-D-GRID-17A

Tgt Ion:188 Resp: 298798
Ion Ratio Lower Upper
188 100
94 14.3 10.5 15.7
80 16.1 11.2 16.8

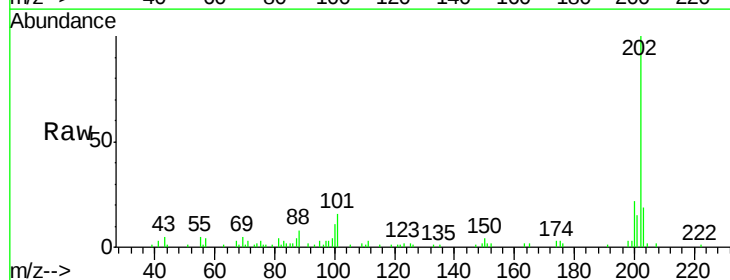


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

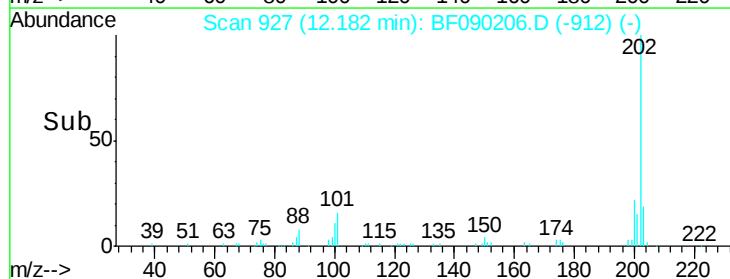
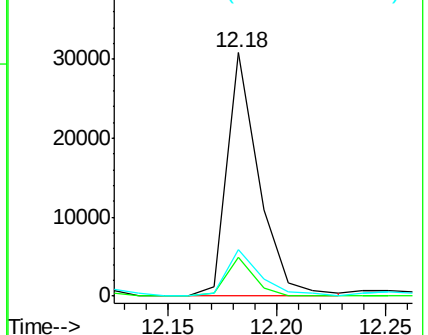


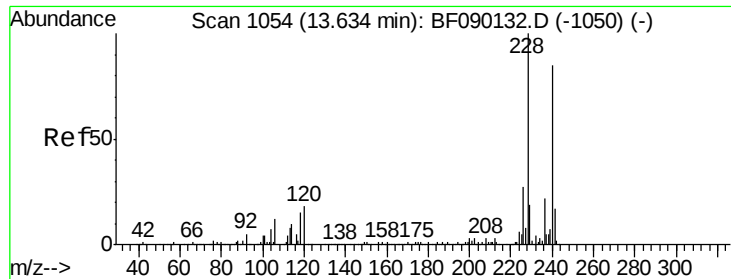
#74
Fluoranthene
Concen: 2.09 ng
RT: 12.18 min Scan# 927
Delta R.T. -0.03 min
Lab File: BF090206.D
Acq: 23 Sep 2016 19:11

Tgt Ion:202 Resp: 31332
Ion Ratio Lower Upper
202 100
101 16.0 0.0 36.1
203 19.2 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.03 min

Lab File: BF090206.D

Acq: 23 Sep 2016 19:11

Instrument :

BNA_F

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TRACK-D-GRID-17A

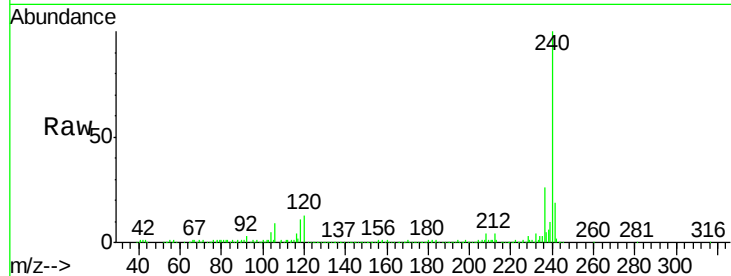
Tgt Ion:240 Resp: 262055

Ion Ratio Lower Upper

240 100

120 12.7 10.6 16.0

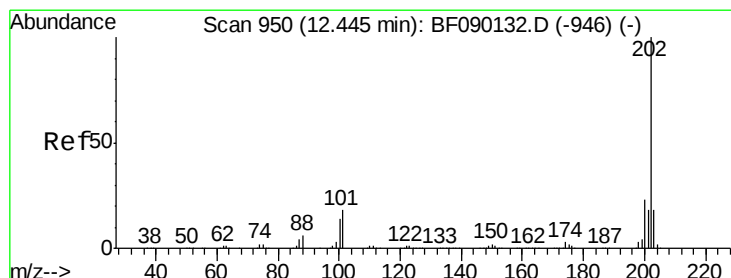
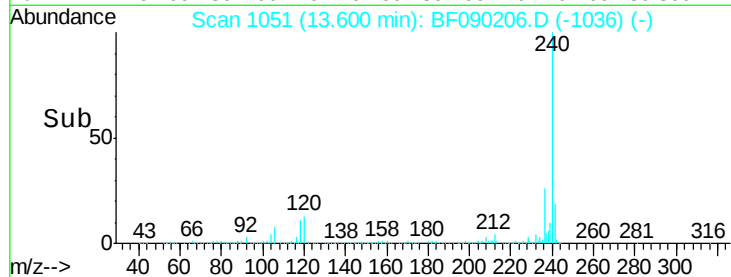
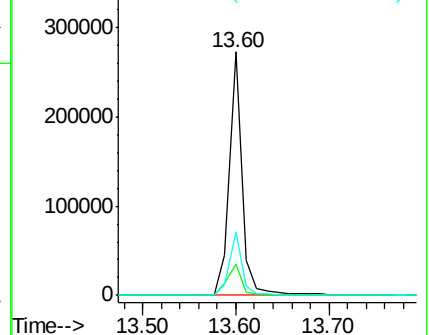
236 26.1 21.6 32.4



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



#77

Pyrene

Concen: 2.85 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF090206.D

Acq: 23 Sep 2016 19:11

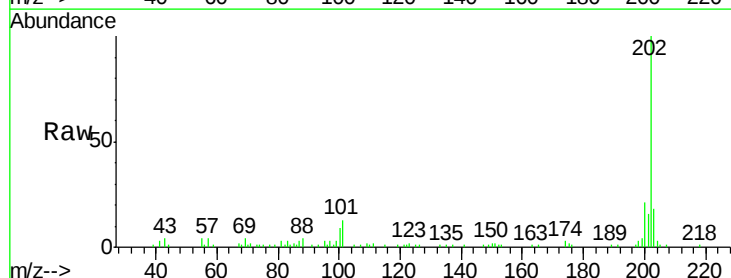
Tgt Ion:202 Resp: 51089

Ion Ratio Lower Upper

202 100

200 21.1 17.9 26.9

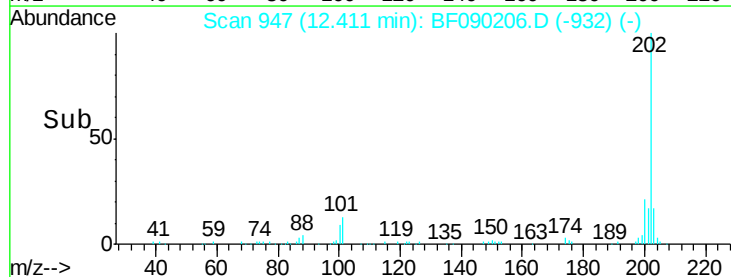
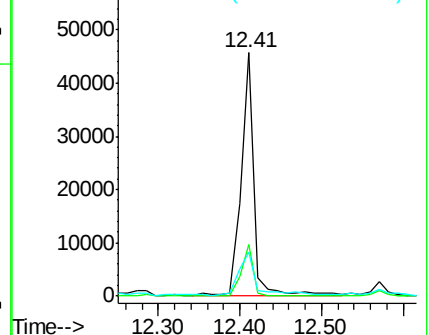
203 17.8 14.2 21.4

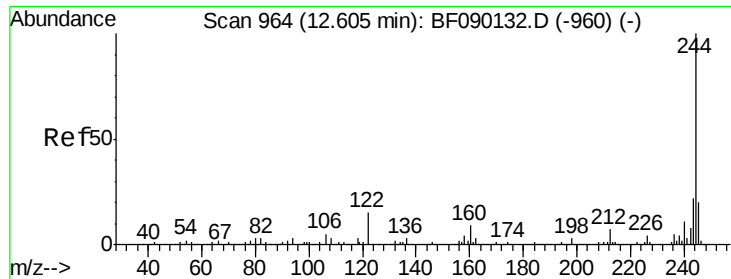


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

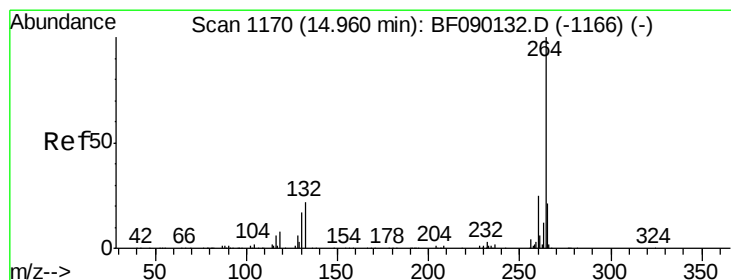
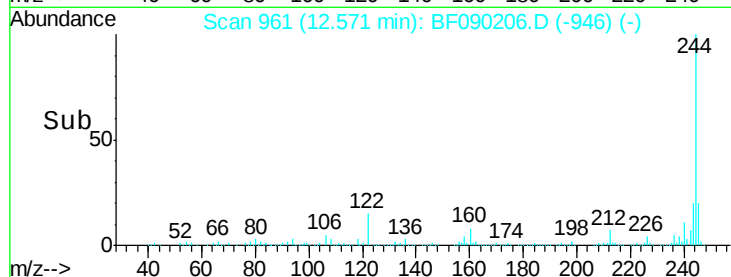
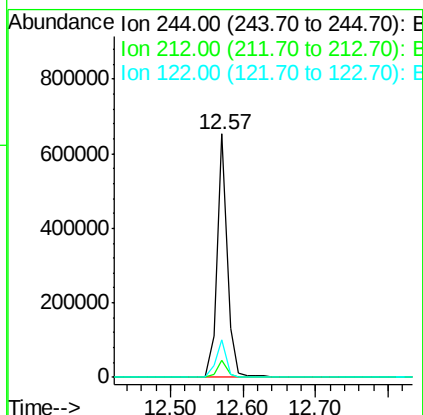
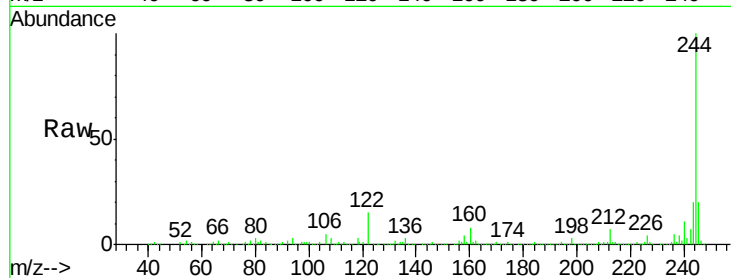




#78
 Terphenyl-d14
 Concen: 62.12 ng
 RT: 12.57 min Scan# 961
 Delta R.T. -0.03 min
 Lab File: BF090206.D
 Acq: 23 Sep 2016 19:11

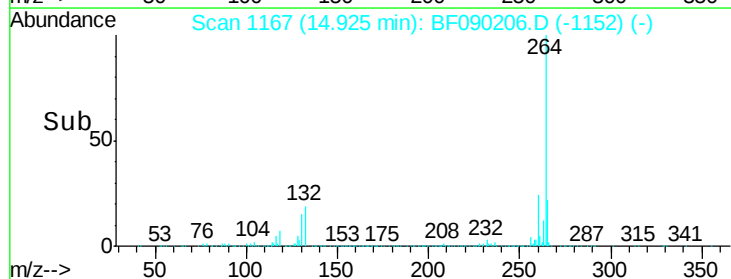
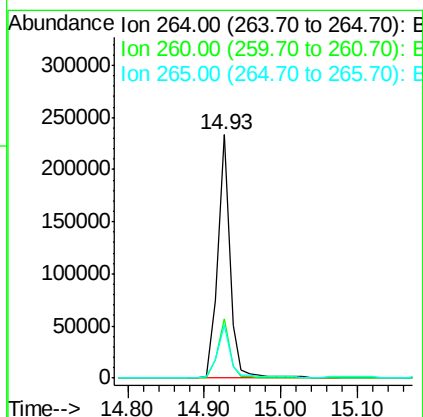
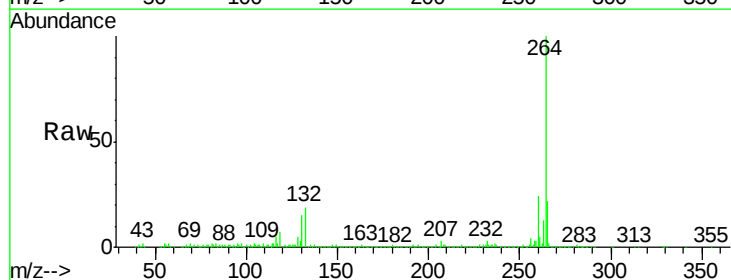
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-17A

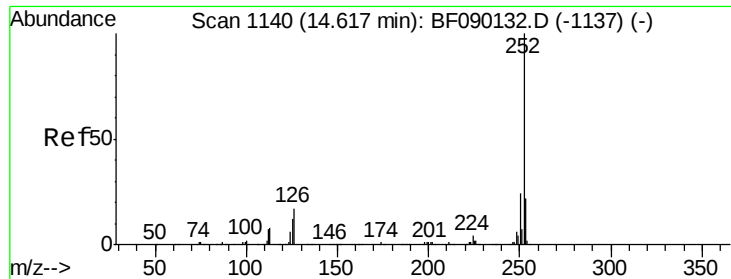
Tgt Ion:244 Resp: 641232
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 15.2 9.4 14.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF090206.D
 Acq: 23 Sep 2016 19:11

Tgt Ion:264 Resp: 264602
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.7 17.0 25.4

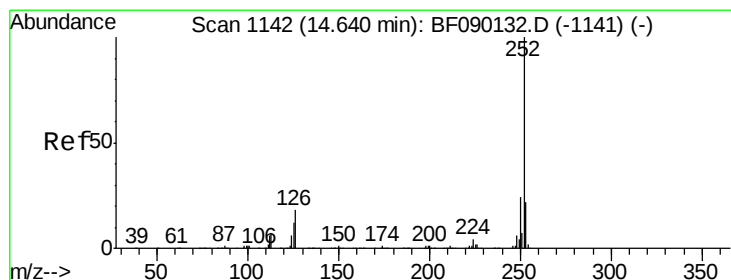
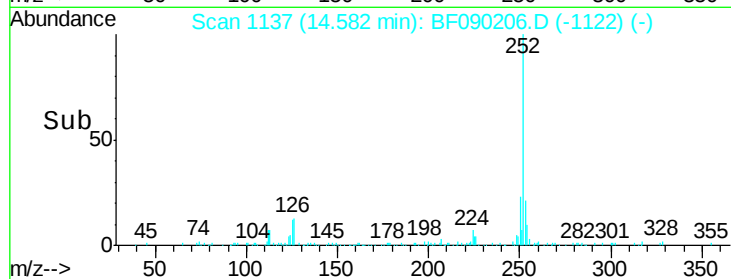
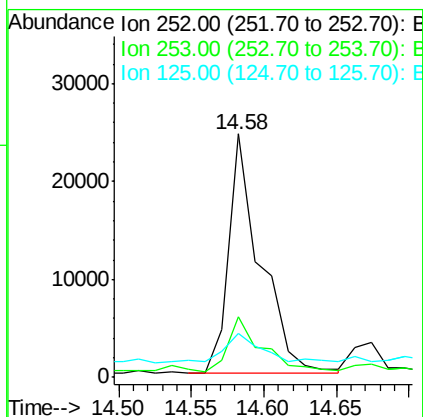
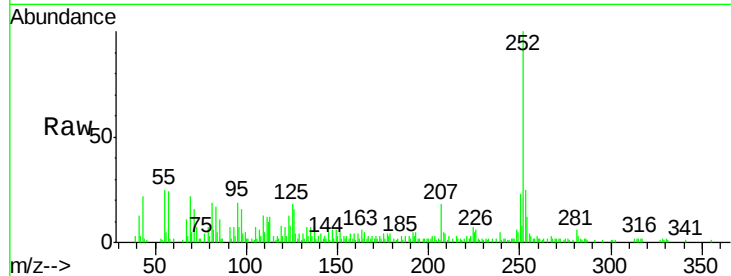




#87
Benzo(b)fluoranthene
Concen: 2.51 ng
RT: 14.58 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BF090206.D
Acq: 23 Sep 2016 19:11

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-17A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	18.3	12.7	19.1



#88
Benzo(k)fluoranthene
Concen: 2.68 ng
RT: 14.58 min Scan# 1137
Delta R.T. -0.06 min
Lab File: BF090206.D
Acq: 23 Sep 2016 19:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.8
125	18.3	7.8	11.6#

