

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084487.D
 Acq On : 15 Jan 2016 11:36
 Operator : SJ/UM
 Sample : H1058-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONTAMINATED-DRUM(1-2)COMP

Quant Time: Jan 16 02:10:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 01:26:38 2016
 Response via : Initial Calibration

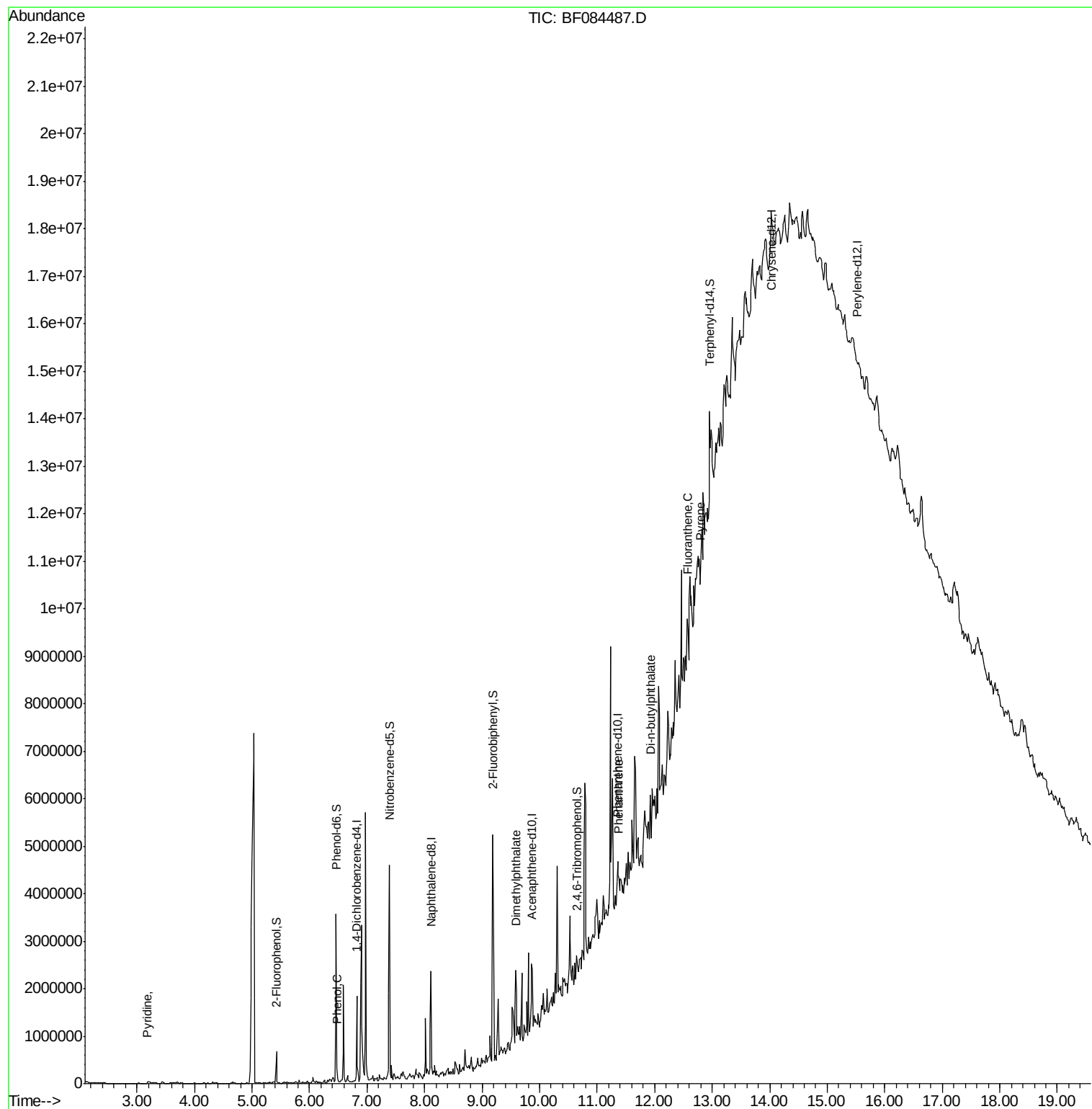
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	240292	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	935394	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	336362	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	507705	20.00	ng	0.01
75) Chrysene-d12	14.03	240	198769	20.00	ng	0.05
86) Perylene-d12	15.52	264	179245	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	208657	14.05	ng	0.00
7) Phenol-d6	6.46	99	1306048	70.00	ng	0.00
23) Nitrobenzene-d5	7.39	82	1488785	88.58	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	21832	6.43	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1835025	96.85	ng	-0.01
78) Terphenyl-d14	12.96	244	1022316	114.81	ng	0.02
Target Compounds						
3) Pyridine	3.18	79	53937	2.75	ng	# 74
10) Phenol	6.48	94	73570	3.47	ng	# 77
49) Dimethylphthalate	9.58	163	437948	18.21	ng	# 90
70) Phenanthrene	11.38	178	131278	4.94	ng	# 85
73) Di-n-butylphthalate	11.93	149	459181	12.73	ng	# 94
74) Fluoranthene	12.57	202	110271	3.97	ng	# 88
77) Pyrene	12.80	202	127833	8.20	ng	# 84

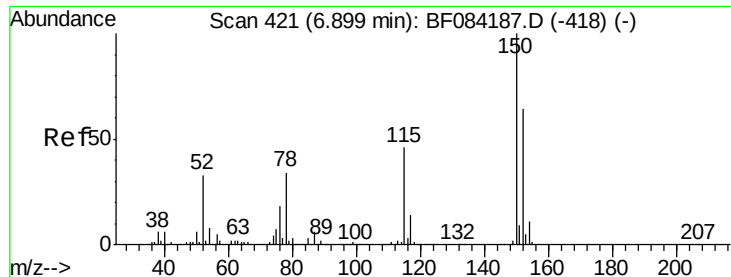
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 16 02:10:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 01:26:38 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF084487.D

Acq: 15 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

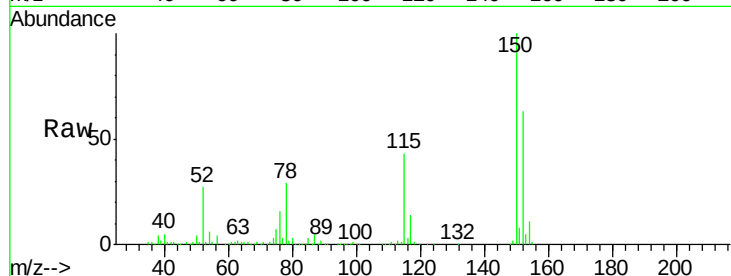
Tot Ion:152 Resp: 240292

Ion Ratio Lower Upper

152 100

150 157.9 123.0 184.4

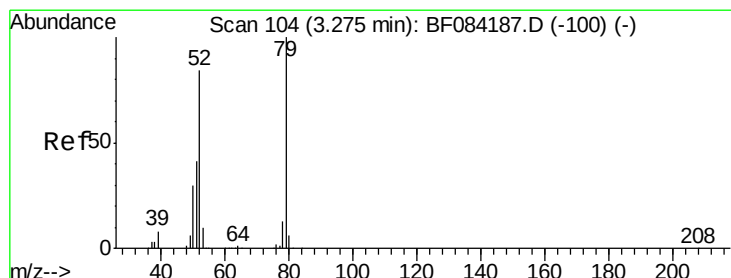
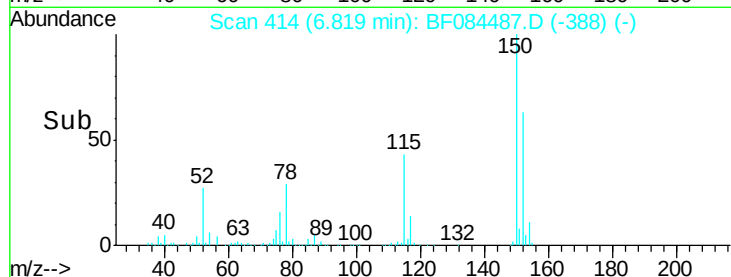
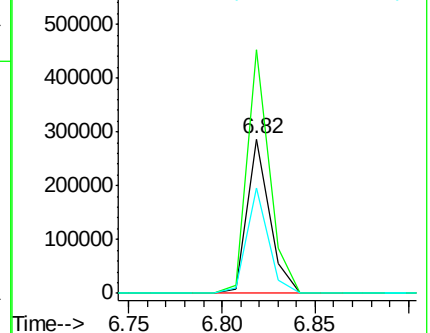
115 68.6 51.4 77.2



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



#3

Pyridine

Concen: 2.75 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.08 min

Lab File: BF084487.D

Acq: 15 Jan 2016 11:36

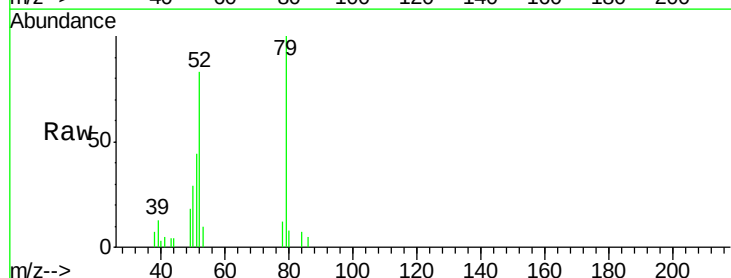
Tgt Ion: 79 Resp: 53937

Ion Ratio Lower Upper

79 100

52 82.5 49.0 73.4#

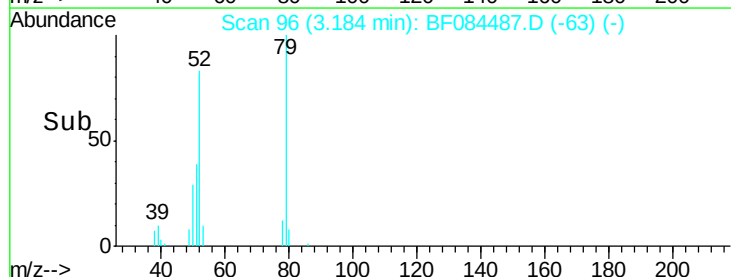
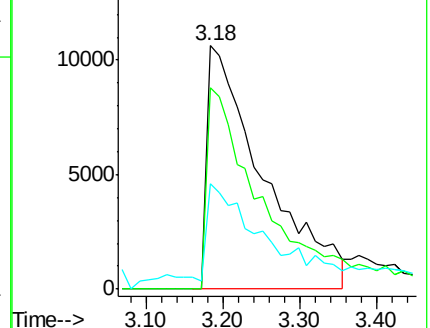
51 43.5 25.2 37.8#

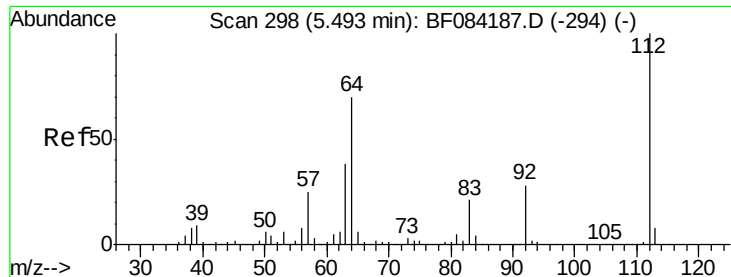


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#5

2-Fluorophenol

Concen: 14.05 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.00 min

Lab File: BF084487.D

Acq: 15 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

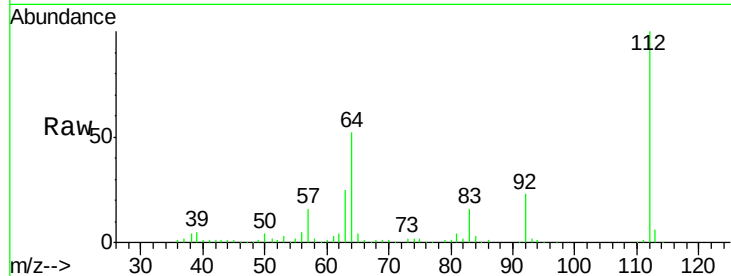
Tot Ion:112 Resp: 208657

Ion Ratio Lower Upper

112 100

64 51.9 36.6 55.0

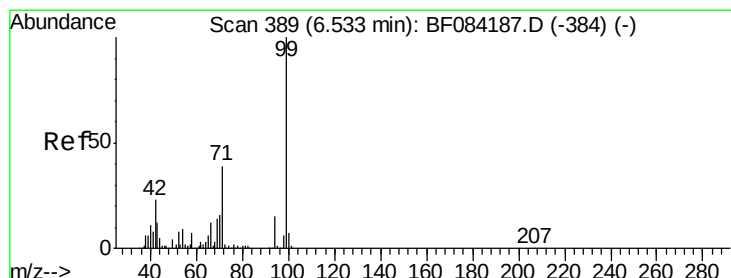
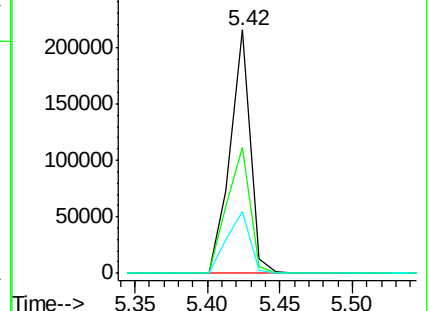
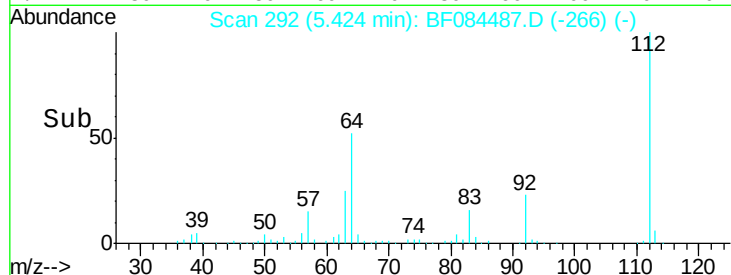
63 25.3 19.4 29.0



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: 70.00 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084487.D

Acq: 15 Jan 2016 11:36

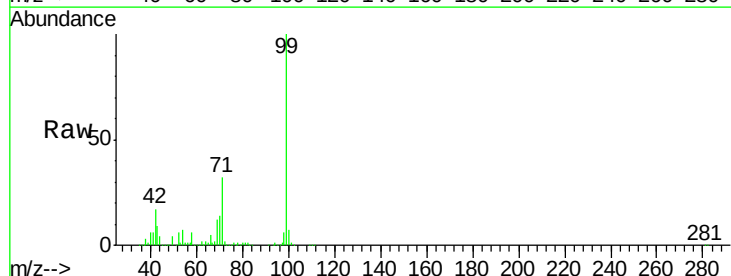
Tgt Ion: 99 Resp: 1306048

Ion Ratio Lower Upper

99 100

42 16.7 12.8 19.2

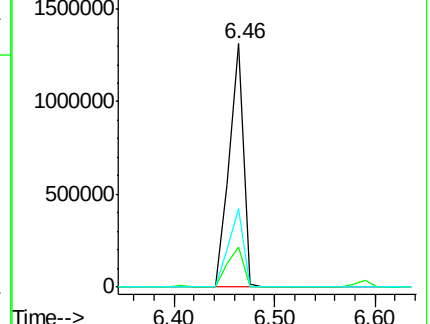
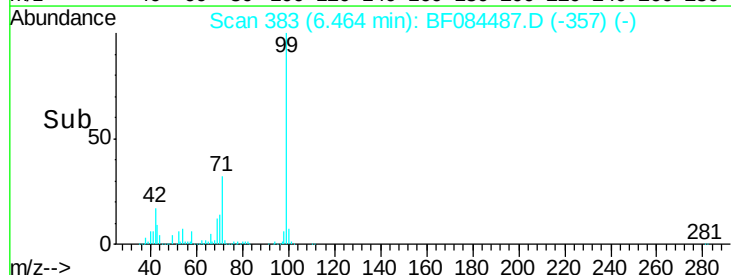
71 32.0 30.9 46.3

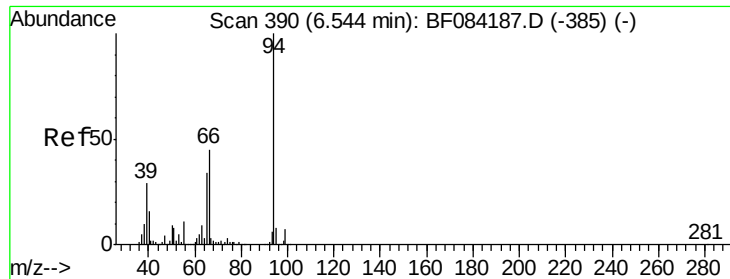


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 3.47 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF084487.D

Acq: 15 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

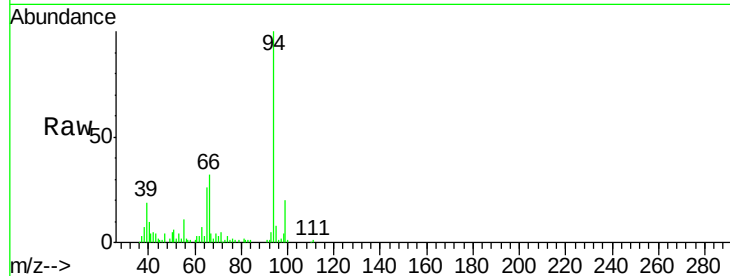
Tot Ion: 94 Resp: 73570

Ion Ratio Lower Upper

94 100

65 26.4 12.9 52.9

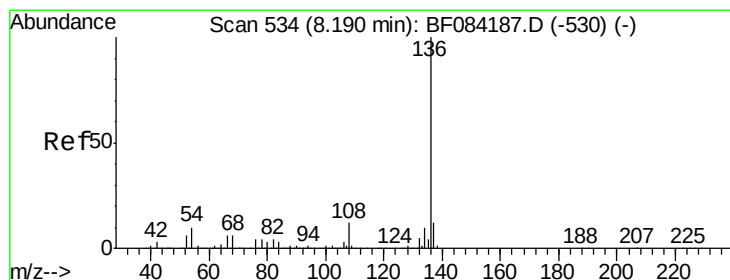
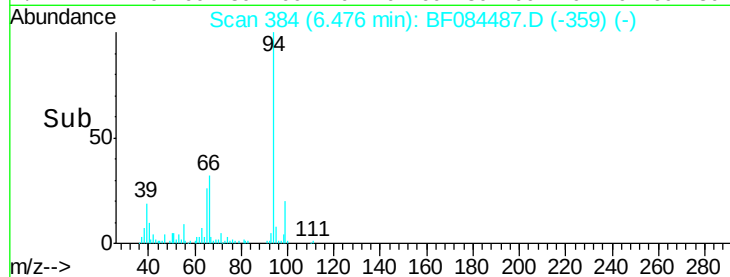
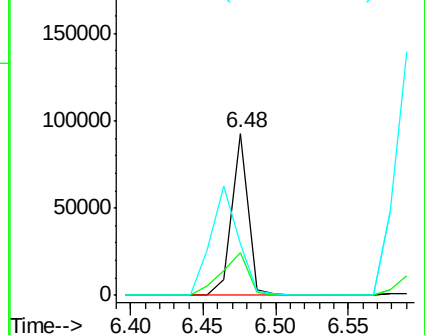
66 31.8 32.7 72.7#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084487.D

Acq: 15 Jan 2016 11:36

Tgt Ion: 136 Resp: 935394

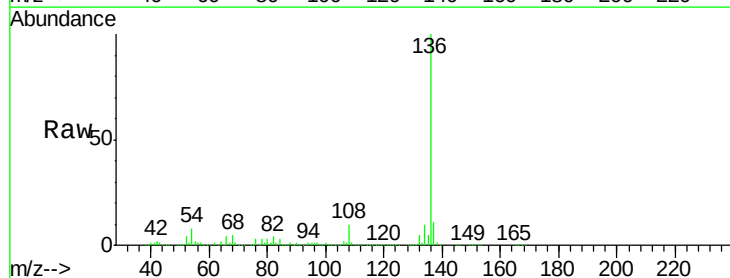
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.7 5.8 8.8

68 5.2 4.2 6.2

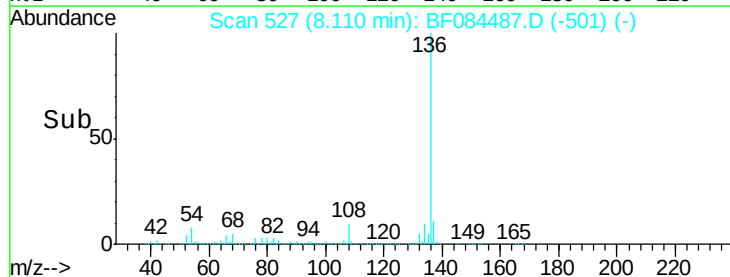
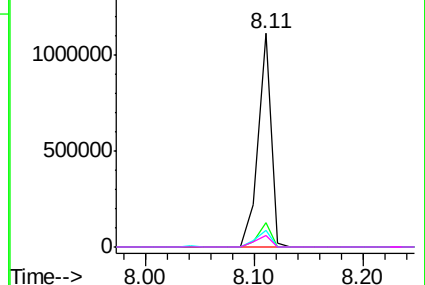


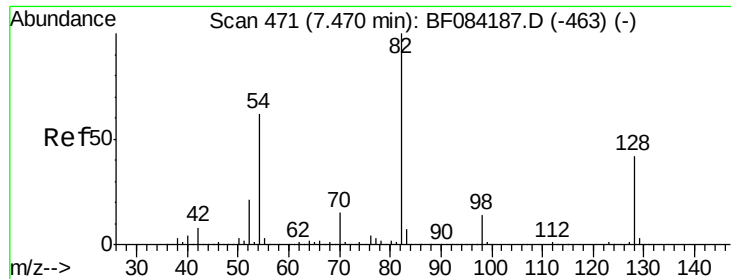
Abundance Ion 136.00 (135.70 to 136.70): E

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

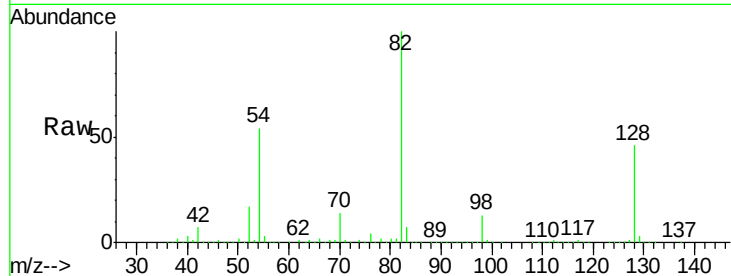




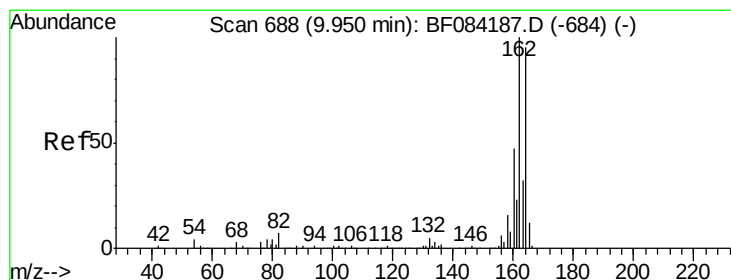
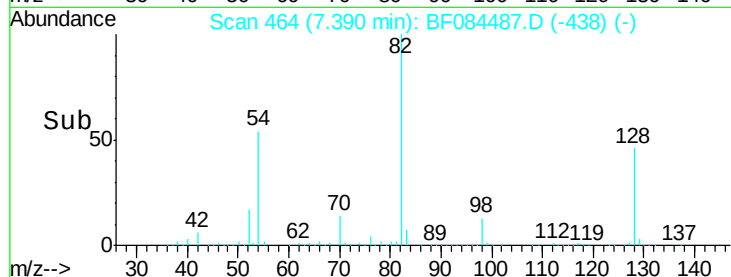
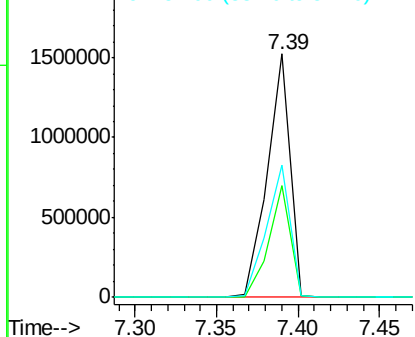
#23
Nitrobenzene-d5
Concen: 88.58 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tot Ion: 82 Resp: 1488785
Ion Ratio Lower Upper
82 100
128 45.8 34.6 51.8
54 54.4 38.4 57.6

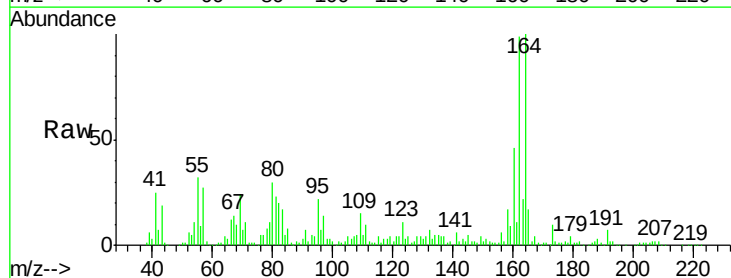


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

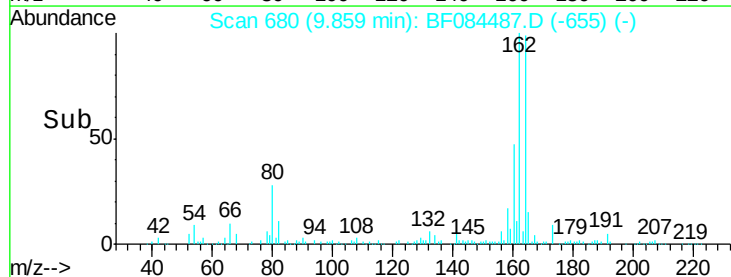
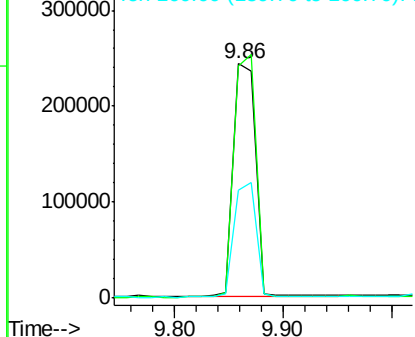


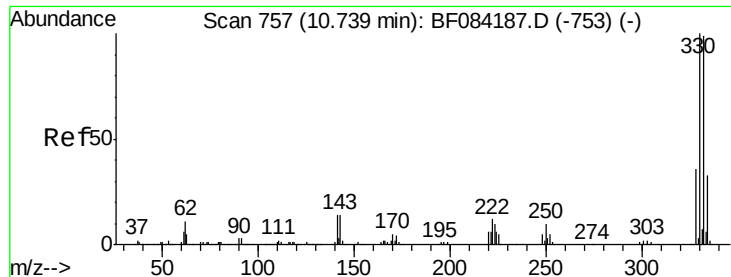
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF084487.D
Acq: 15 Jan 2016 11:36

Tgt Ion:164 Resp: 336362
Ion Ratio Lower Upper
164 100
162 99.2 85.1 127.7
160 46.3 37.5 56.3



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

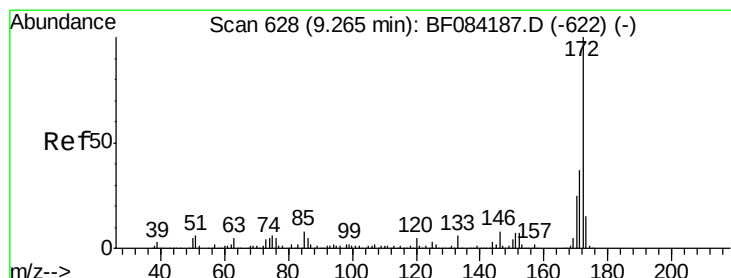
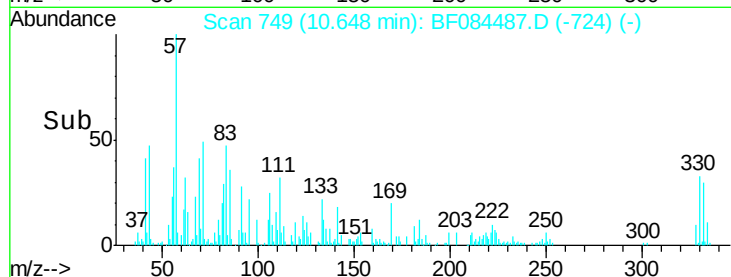
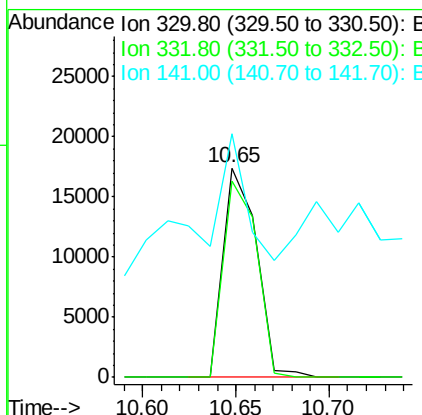
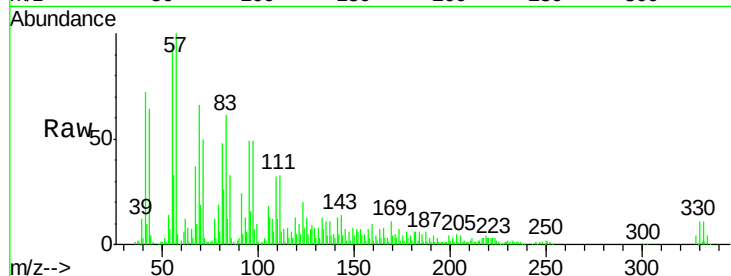




#41
 2,4,6-Tribromophenol
 Concen: 6.43 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF084487.D
 Acq: 15 Jan 2016 11:36

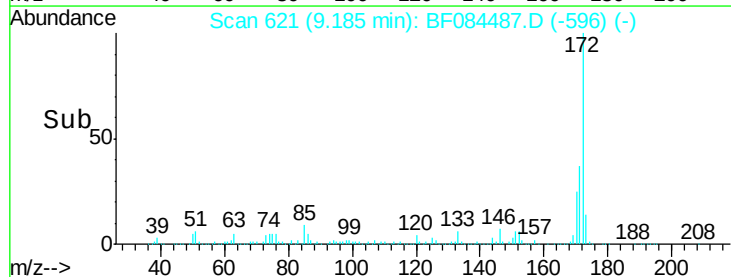
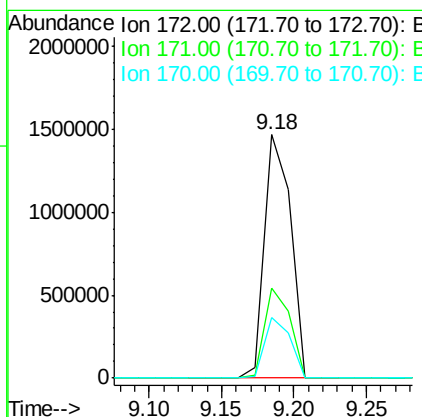
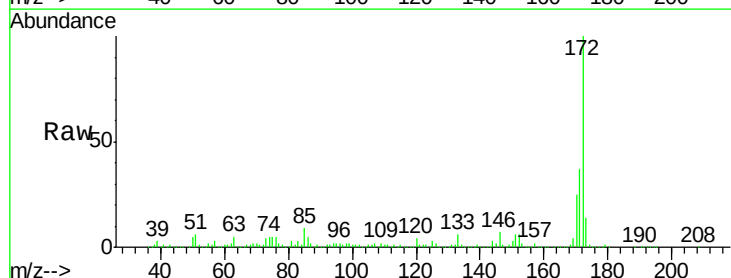
Instrument :
 BNA_F
 ClientSampleId :
 CONTAMINATED-DRUM(1-2)COMP

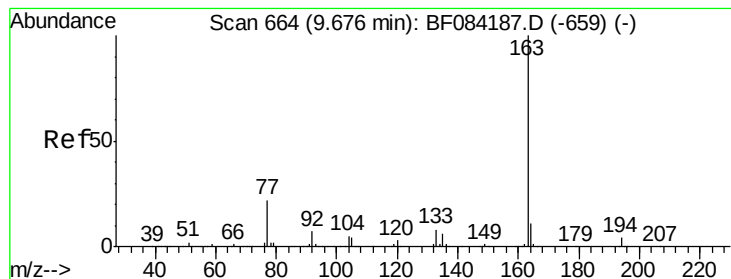
Tot Ion:330 Resp: 21832
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 114.8
 141 96.1 27.8 41.6#



#44
 2-Fluorobiphenyl
 Concen: 96.85 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084487.D
 Acq: 15 Jan 2016 11:36

Tgt Ion:172 Resp: 1835025
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 24.8 18.6 27.8





#49

Dimethylphthalate

Concen: 18.21 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF084487.D

Acq: 15 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

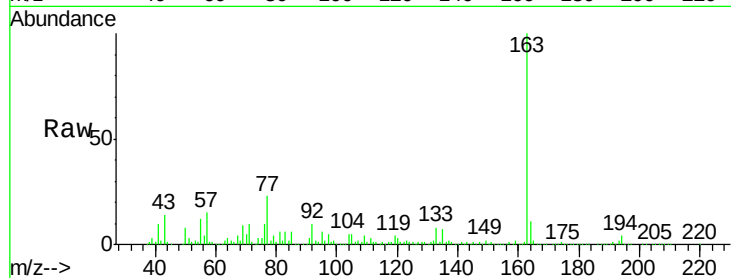
Tot Ion:163 Resp: 437948

Ion Ratio Lower Upper

163 100

194 3.6 8.0 12.0#

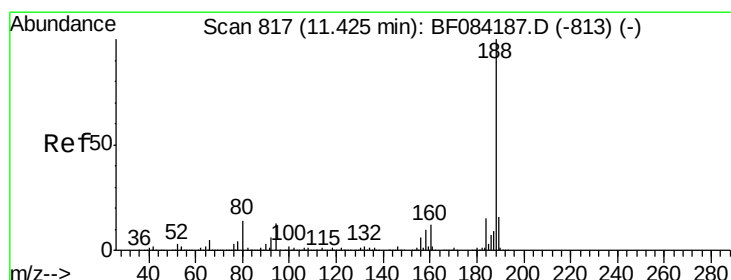
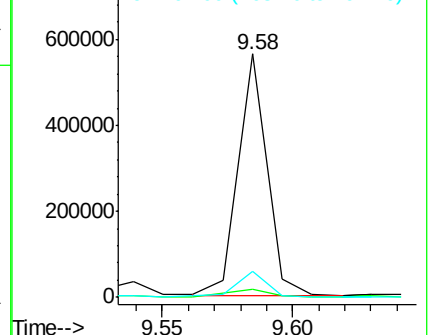
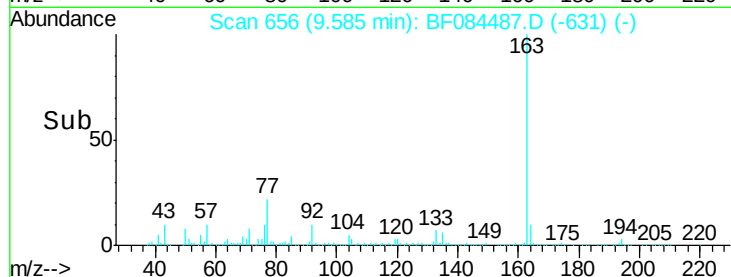
164 10.6 8.0 12.0



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: 11.36 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF084487.D

Acq: 15 Jan 2016 11:36

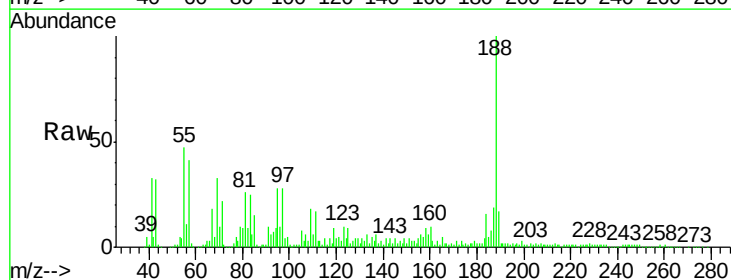
Tgt Ion:188 Resp: 507705

Ion Ratio Lower Upper

188 100

94 9.4 9.0 13.4

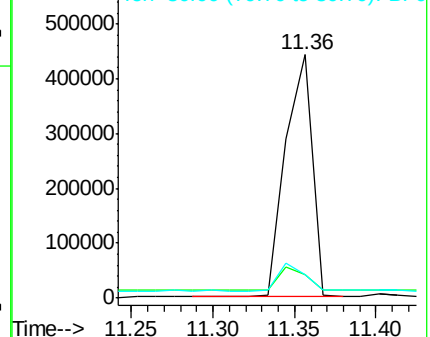
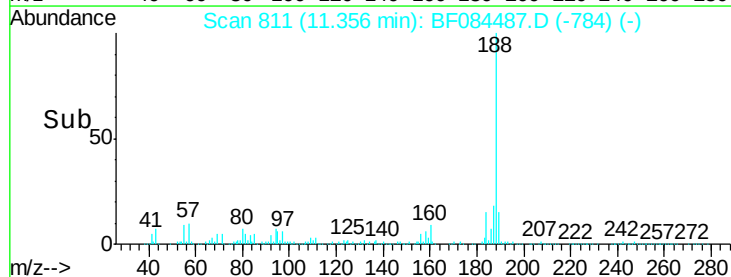
80 9.4 9.6 14.4#

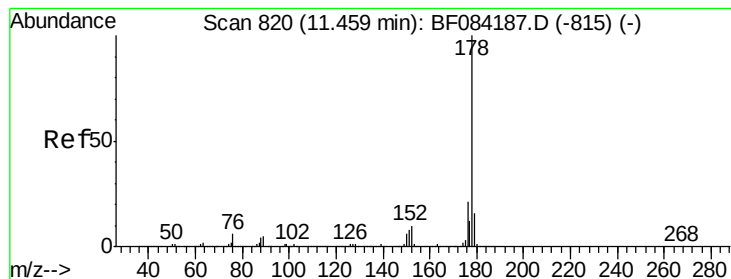


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 4.94 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF084487.D

Acq: 15 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

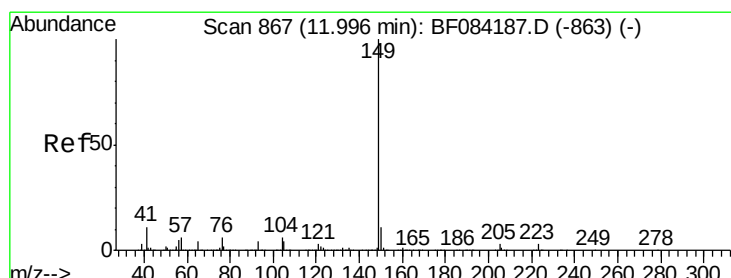
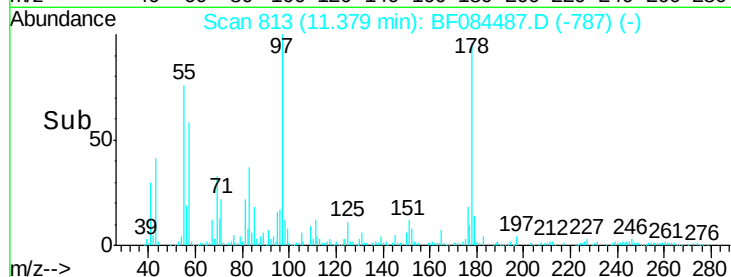
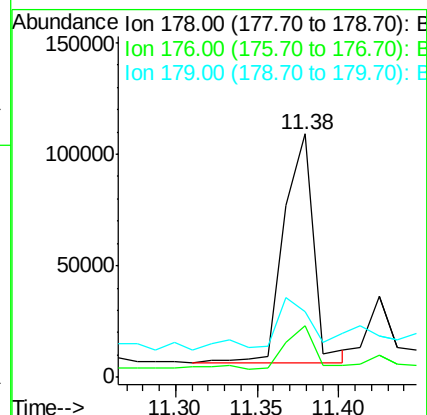
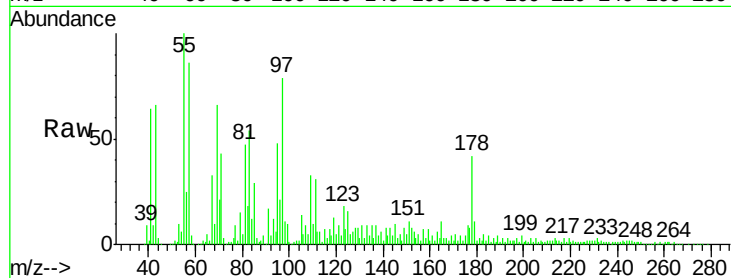
Tot Ion:178 Resp: 131278

Ion Ratio Lower Upper

178 100

176 21.3 15.3 22.9

179 26.8 12.0 18.0#



#73

Di-n-butylphthalate

Concen: 12.73 ng

RT: 11.93 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF084487.D

Acq: 15 Jan 2016 11:36

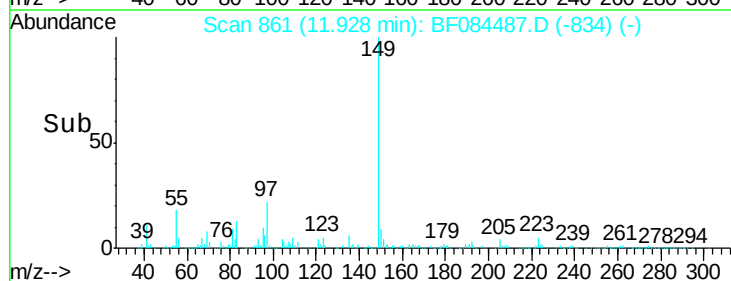
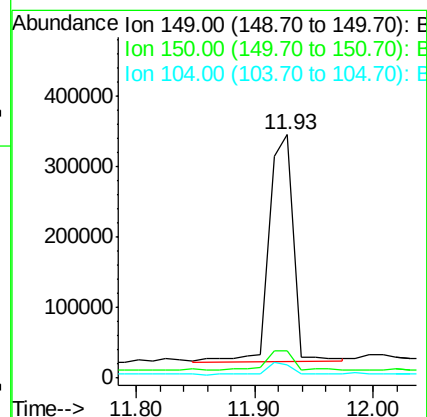
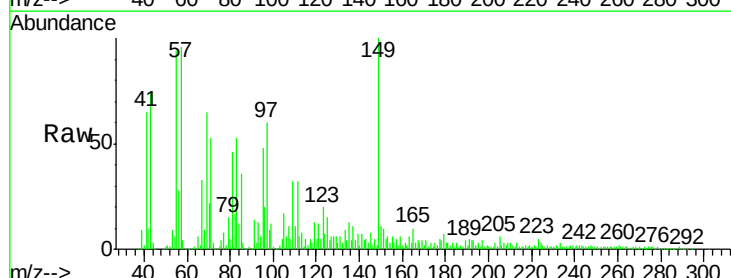
Tgt Ion:149 Resp: 459181

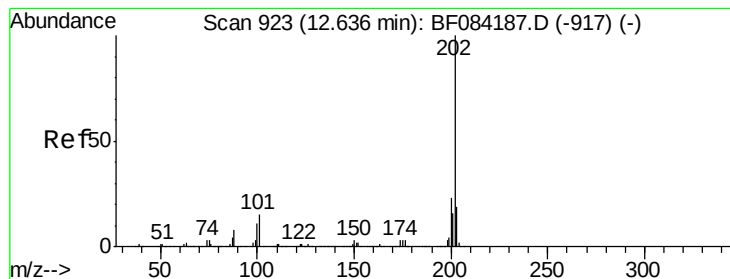
Ion Ratio Lower Upper

149 100

150 11.4 7.1 10.7#

104 5.4 3.2 4.8#





#74

Fluoranthene

Concen: 3.97 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF084487.D

Acq: 15 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

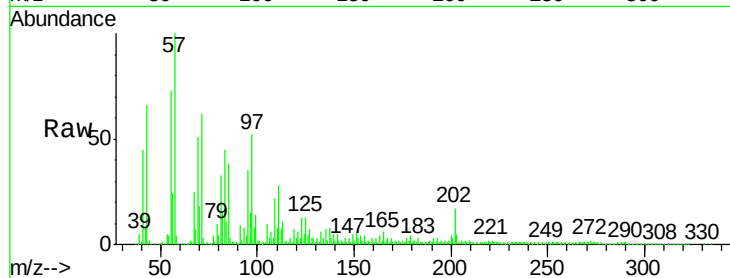
Tot Ion:202 Resp: 110271

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.8

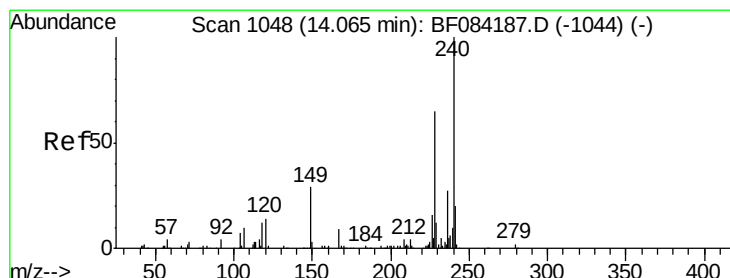
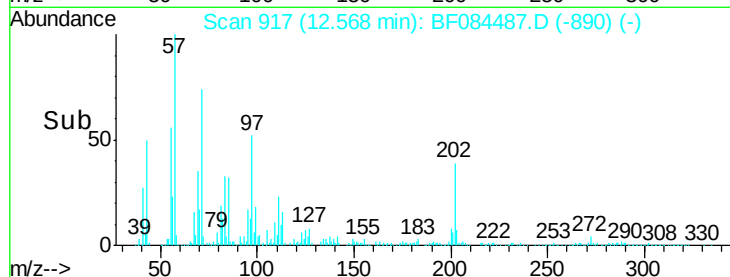
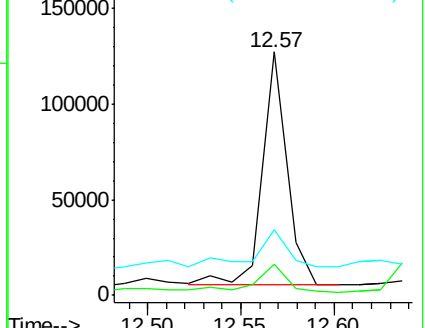
203 27.1 0.0 37.9



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: 14.03 min Scan# 1045

Delta R.T. 0.05 min

Lab File: BF084487.D

Acq: 15 Jan 2016 11:36

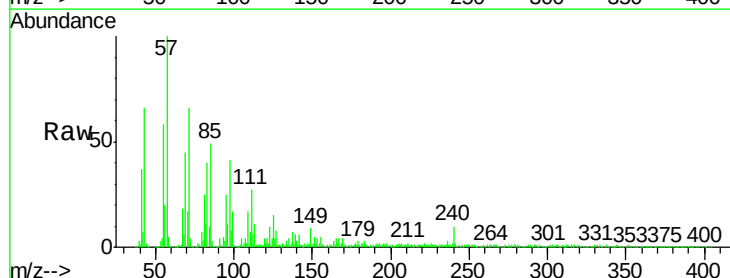
Tgt Ion:240 Resp: 198769

Ion Ratio Lower Upper

240 100

120 21.6 9.5 14.3#

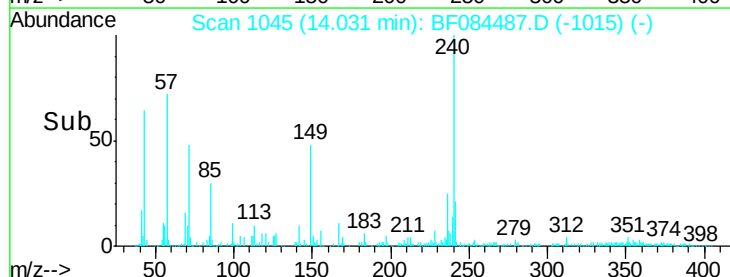
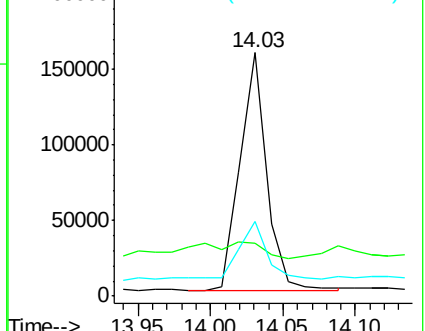
236 30.9 20.6 31.0

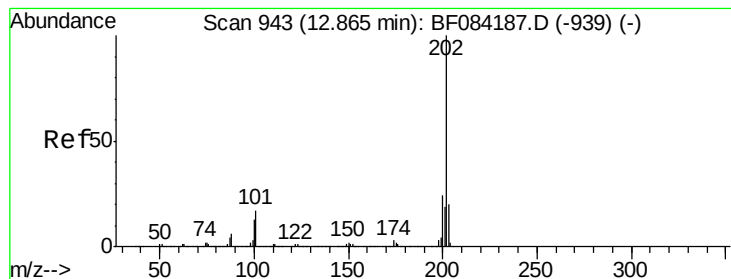


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 8.20 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF084487.D

Acq: 15 Jan 2016 11:36

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

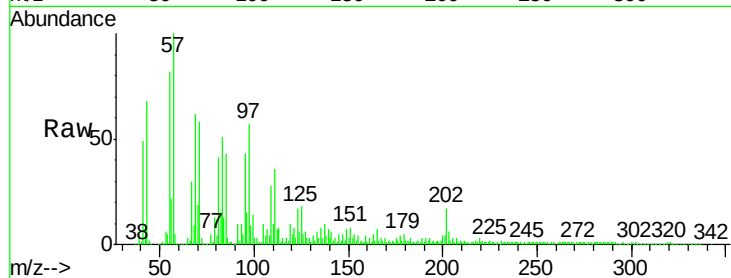
Tot Ion:202 Resp: 127833

Ion Ratio Lower Upper

202 100

200 22.5 17.2 25.8

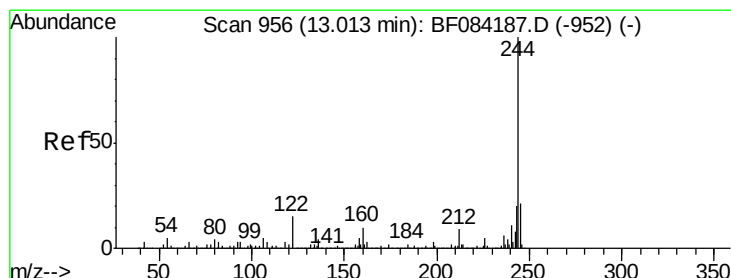
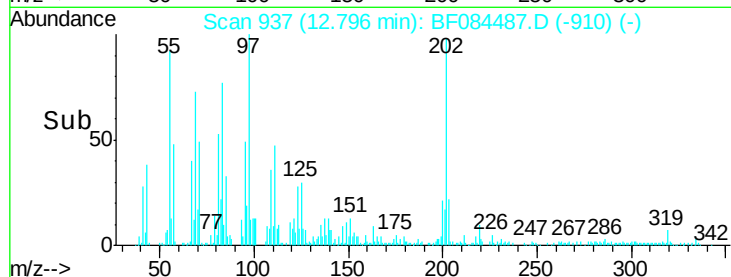
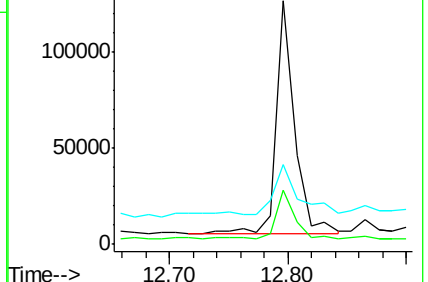
203 32.6 14.3 21.5#



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: 114.81 ng

RT: 12.96 min Scan# 951

Delta R.T. 0.02 min

Lab File: BF084487.D

Acq: 15 Jan 2016 11:36

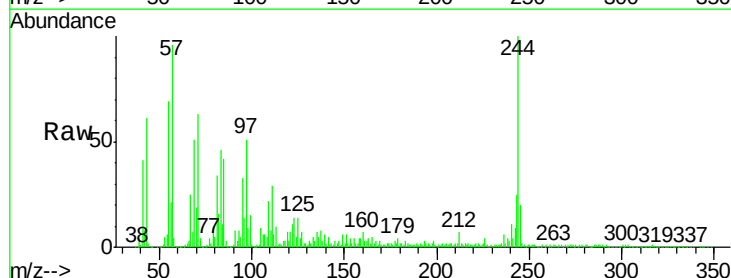
Tgt Ion:244 Resp: 1022316

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

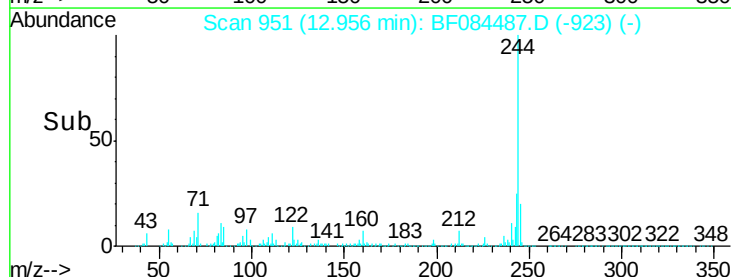
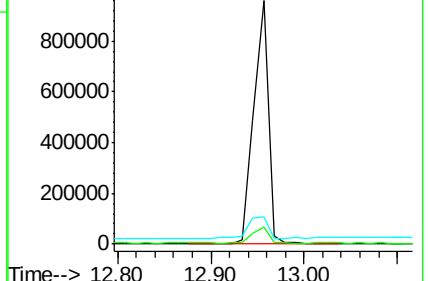
122 11.2 7.4 11.0#

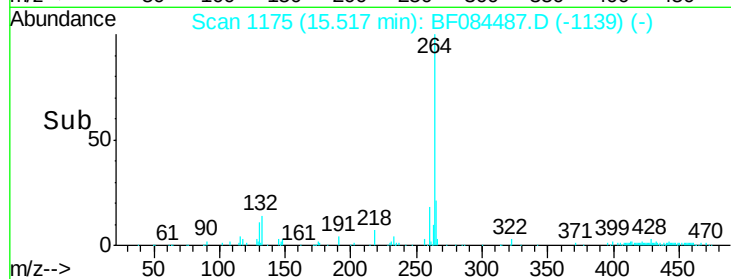
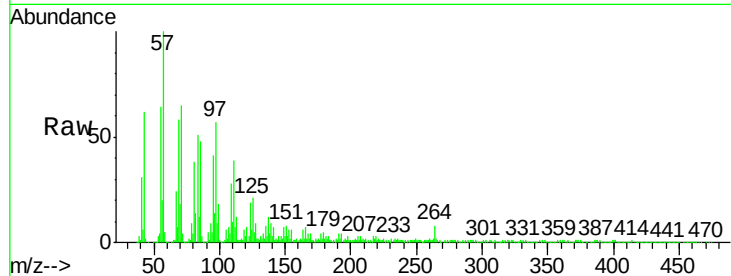
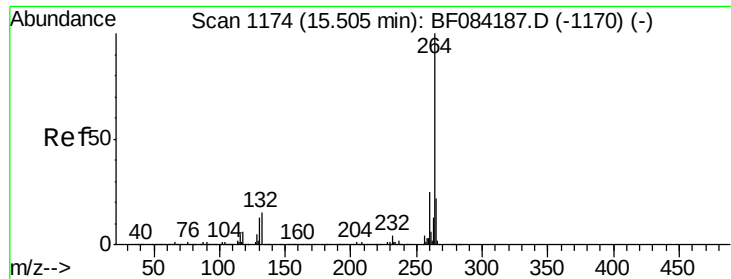


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.52 min Scan# 1175
 Delta R.T. 0.11 min
 Lab File: BF084487.D
 Acq: 15 Jan 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :
 CONTAMINATED-DRUM(1-2)COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.4	19.4	29.2
265	29.9	17.8	26.6

