

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084476.D
 Acq On : 14 Jan 2016 8:16
 Operator : SJ/UM
 Sample : H1058-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

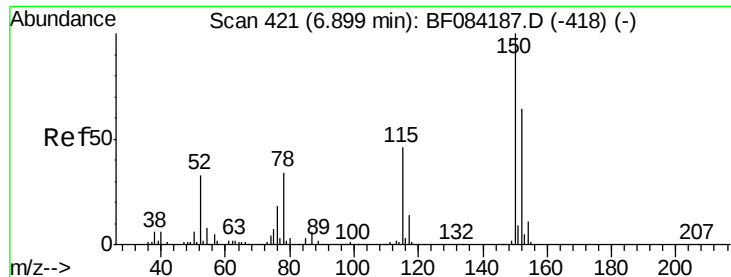
Quant Time: Jan 14 11:19:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	217393	20.00	ng	-0.07
21) Naphthalene-d8	8.12	136	783029	20.00	ng	-0.07
38) Acenaphthene-d10	9.87	164	289832	20.00	ng	-0.08
63) Phenanthrene-d10	11.36	188	448166	20.00	ng	-0.07
75) Chrysene-d12	14.03	240	185163	20.00	ng	-0.03
86) Perylene-d12	15.52	264	172807	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	188517	14.03	ng	-0.06
7) Phenol-d6	6.48	99	1153952	68.36	ng	-0.06
23) Nitrobenzene-d5	7.40	82	1337556	95.07	ng	-0.07
41) 2,4,6-Tribromophenol	10.66	330	18794	6.42	ng	-0.08
44) 2-Fluorobiphenyl	9.20	172	1521172	92.92	ng	-0.07
78) Terphenyl-d14	12.96	244	837791	101.00	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.20	79	57345	3.23	ng	# 84
10) Phenol	6.49	94	58209	3.03	ng	# 80
32) Benzoic acid	7.92	122	3417	6.60	ng	# 45
35) Caprolactam	8.54	113	11118	3.01	ng	# 1
37) 2-Methylnaphthalene	8.83	142	54984	2.16	ng	# 95
49) Dimethylphthalate	9.60	163	349220	16.85	ng	# 91
53) 2,4-Dinitrophenol	10.16	184	3897	5.48	ng	# 95
54) Dibenzofuran	10.08	168	13922	Below Cal		# 13
57) Fluorene	10.42	166	20048	Below Cal		# 77
60) 4-Chlorophenyl-phenylether	10.43	204	4354	Below Cal		# 1
64) 4,6-Dinitro-2-methylphenol	10.49	198	751	6.63	ng	# 1
65) n-Nitrosodiphenylamine	10.53	169	44084	3.08	ng	# 65
70) Phenanthrene	11.38	178	121137	5.17	ng	# 84
73) Di-n-butylphthalate	11.93	149	415809	13.17	ng	# 96
74) Fluoranthene	12.58	202	103120	4.21	ng	# 81
77) Pyrene	12.81	202	120149	8.27	ng	# 85
79) Butylbenzylphthalate	13.39	149	28474	4.53	ng	# 57
80) Benzo(a)anthracene	14.02	228	29499	2.71	ng	# 25
81) 3,3'-Dichlorobenzidine	14.04	252	17709	4.67	ng	# 1
82) Chrysene	14.02	228	29499	2.82	ng	# 32
83) Bis(2-ethylhexyl)phthalate	14.03	149	242812	30.57	ng	# 73
87) Benzo(b)fluoranthene	15.11	252	41034	3.63	ng	# 1
88) Benzo(k)fluoranthene	15.11	252	41034	4.44	ng	# 1
89) Benzo(a)pyrene	15.46	252	19498	2.03	ng	# 1
91) Benzo(g,h,i)perylene	17.39	276	28492	3.33	ng	# 1

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

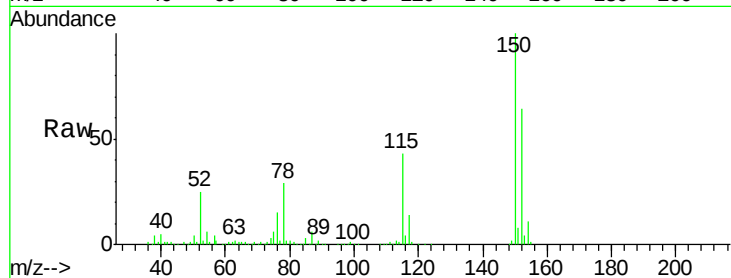


#1

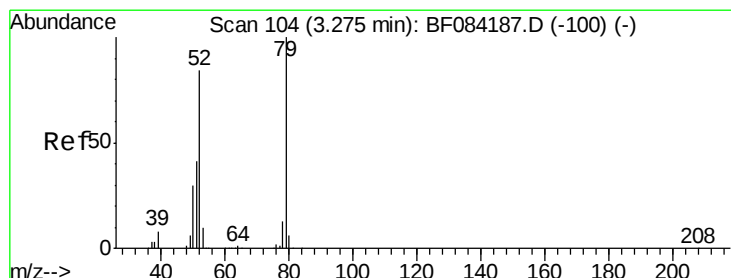
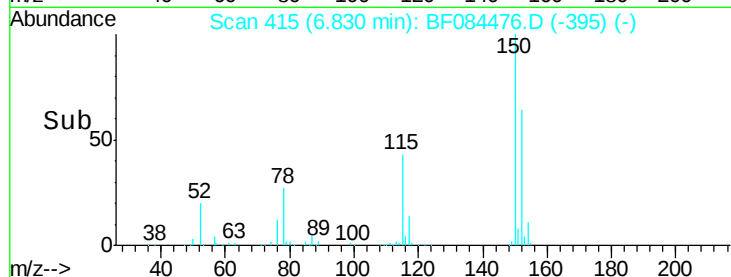
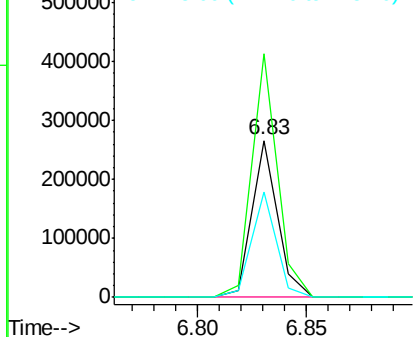
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.07 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

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

Tot Ion:152 Resp: 217393
Ion Ratio Lower Upper
152 100
150 155.4 123.0 184.4
115 67.6 51.4 77.2



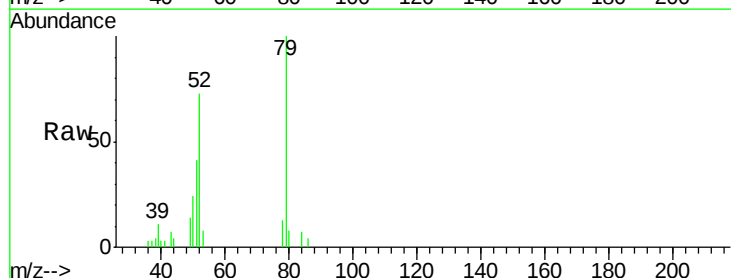
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



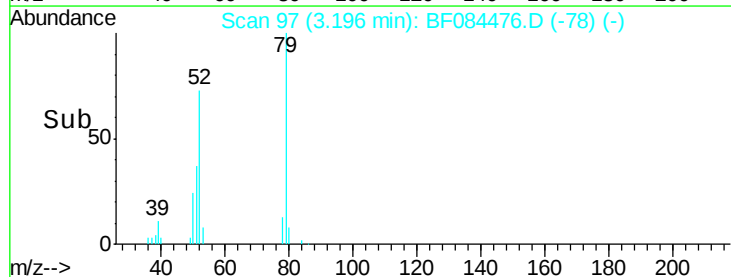
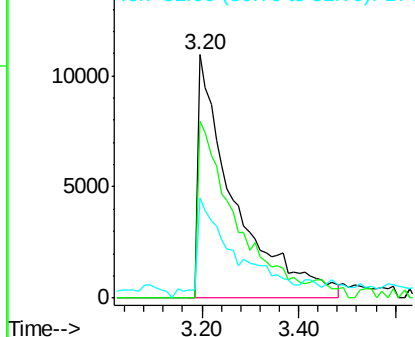
#3

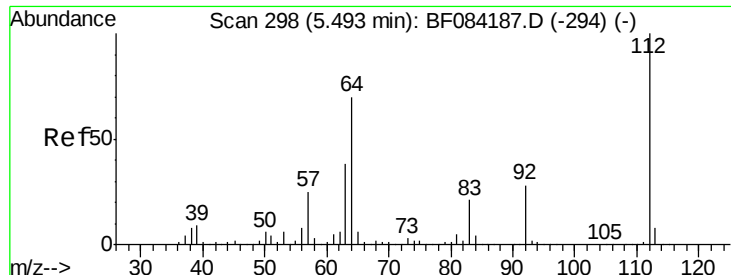
Pyridine
Concen: 3.23 ng
RT: 3.20 min Scan# 97
Delta R.T. -0.08 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion: 79 Resp: 57345
Ion Ratio Lower Upper
79 100
52 72.8 49.0 73.4
51 41.1 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: 14.03 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.06 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

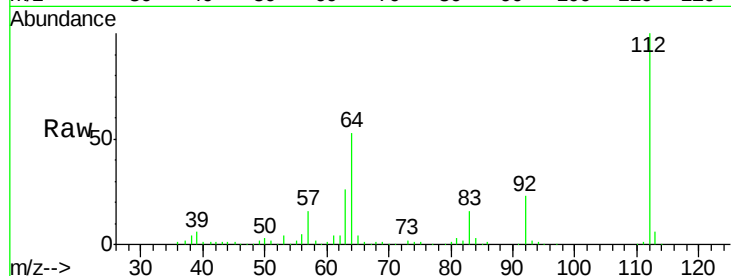
Tot Ion:112 Resp: 188517

Ion Ratio Lower Upper

112 100

64 52.9 36.6 55.0

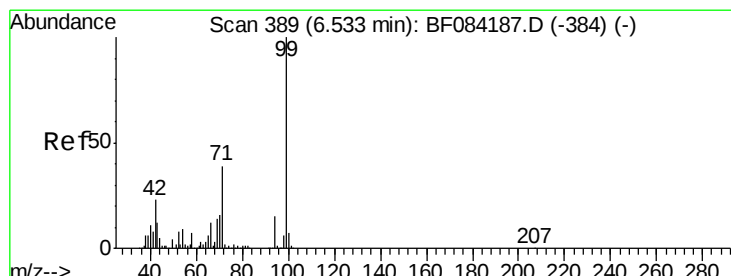
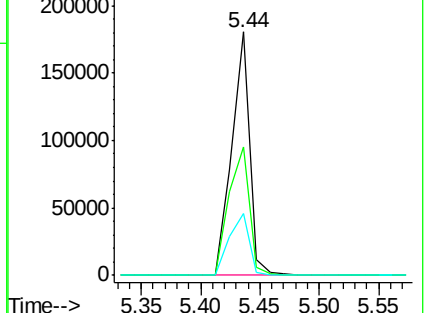
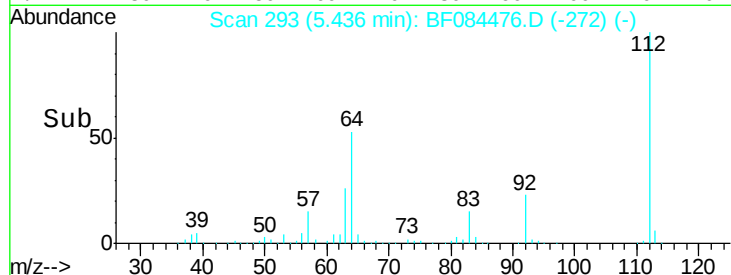
63 25.5 19.4 29.0



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: 68.36 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.06 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

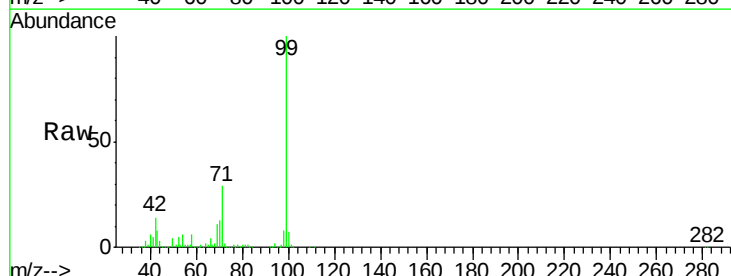
Tgt Ion: 99 Resp: 1153952

Ion Ratio Lower Upper

99 100

42 14.4 12.8 19.2

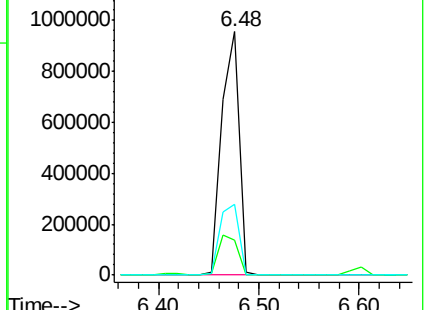
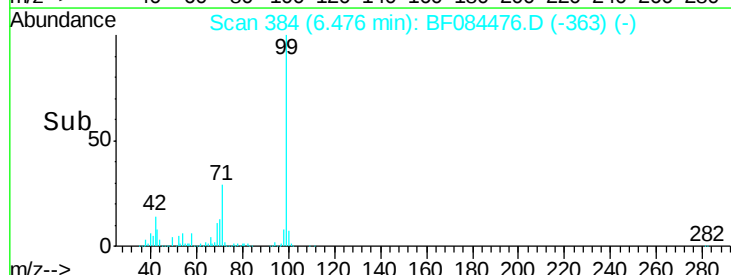
71 29.1 30.9 46.3#

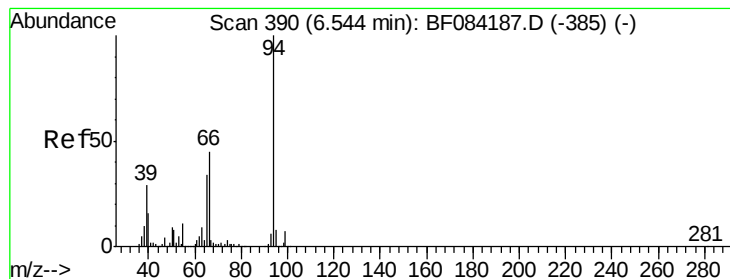


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 3.03 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.06 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

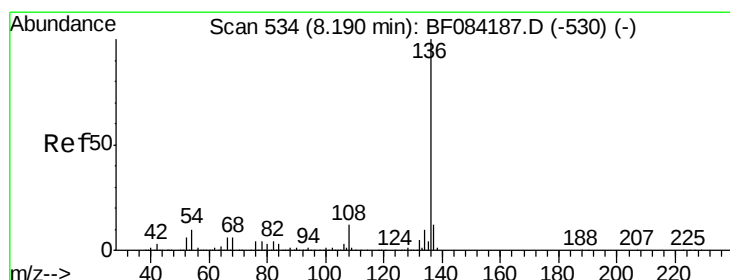
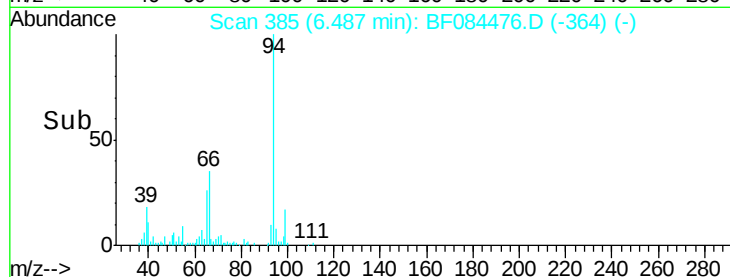
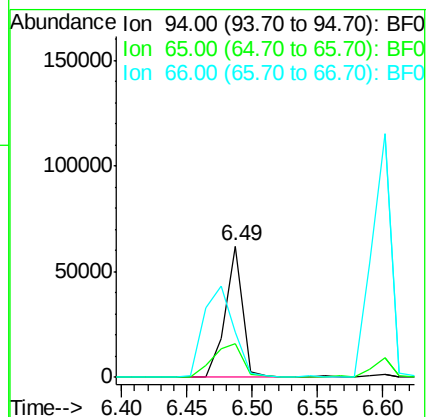
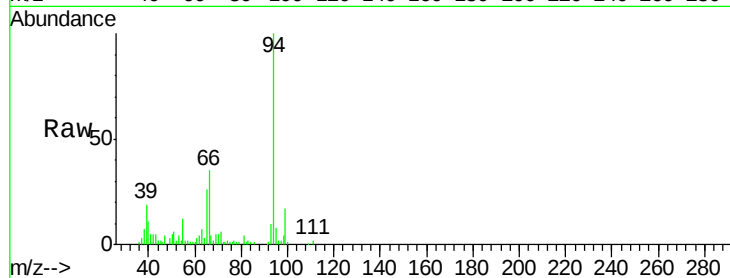
Tot Ion: 94 Resp: 58209

Ion Ratio Lower Upper

94 100

65 26.1 12.9 52.9

66 34.7 32.7 72.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.07 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

Tgt Ion: 136 Resp: 783029

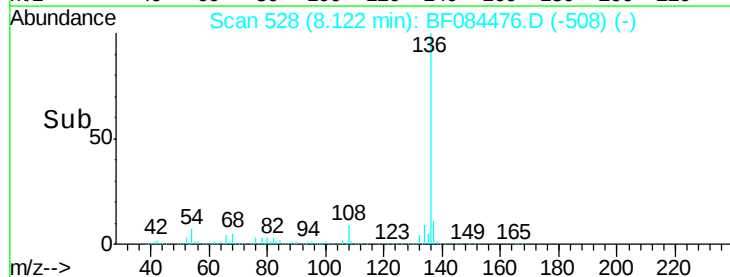
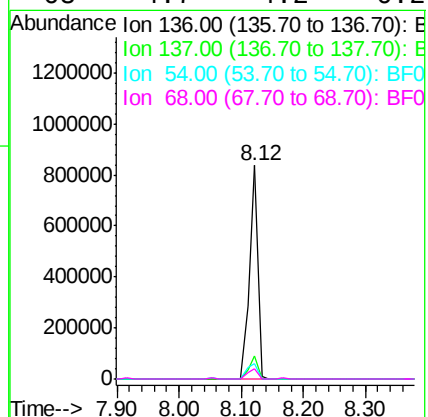
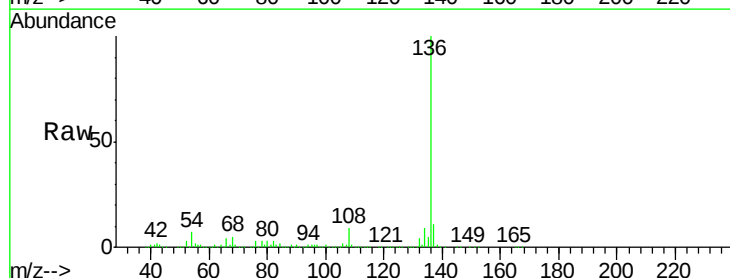
Ion Ratio Lower Upper

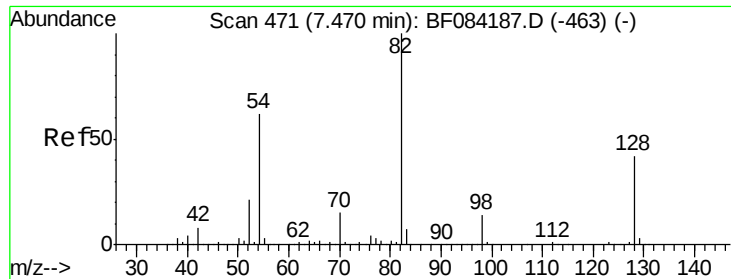
136 100

137 10.9 8.7 13.1

54 6.9 5.8 8.8

68 4.7 4.2 6.2





#23

Nitrobenzene-d5

Concen: 95.07 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.07 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

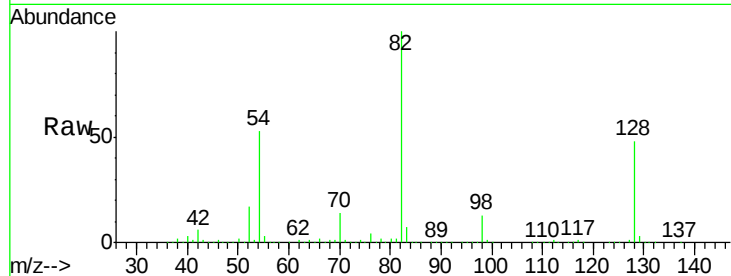
Tot Ion: 82 Resp: 1337556

Ion Ratio Lower Upper

82 100

128 47.6 34.6 51.8

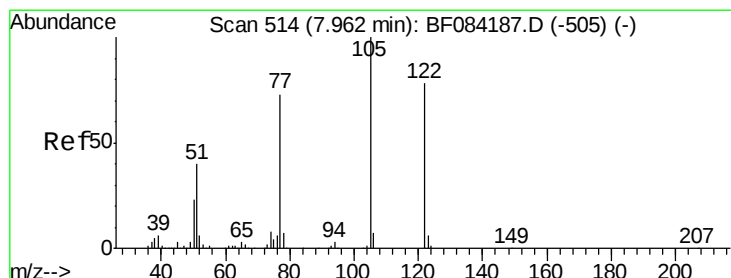
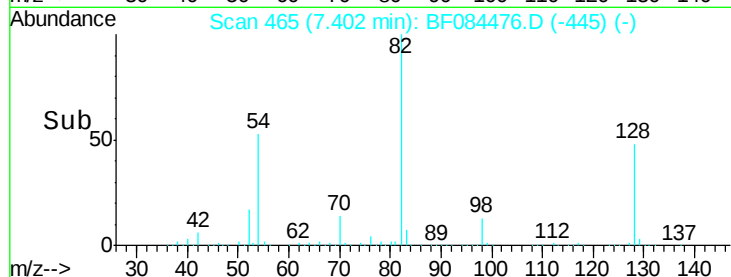
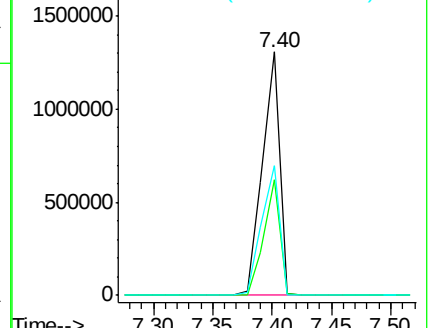
54 53.2 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#32

Benzoic acid

Concen: 6.60 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.05 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

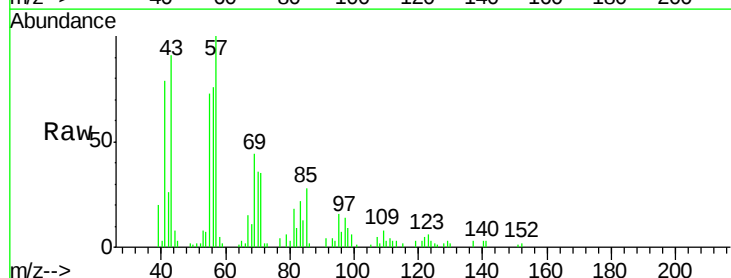
Tgt Ion:122 Resp: 3417

Ion Ratio Lower Upper

122 100

105 25.4 100.3 140.3#

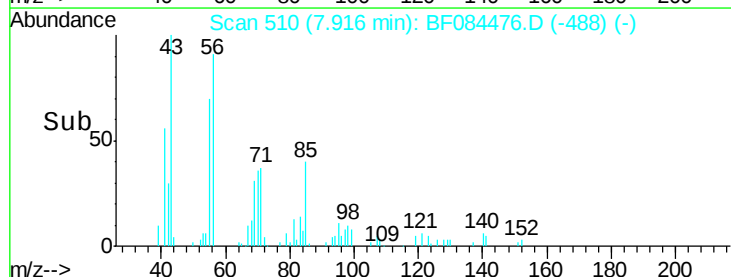
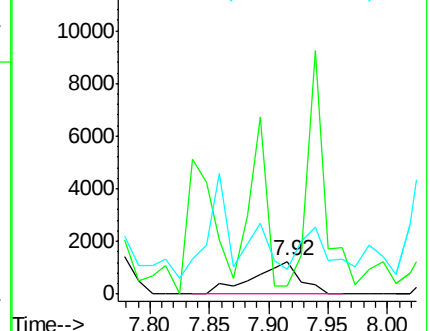
77 73.3 63.5 103.5

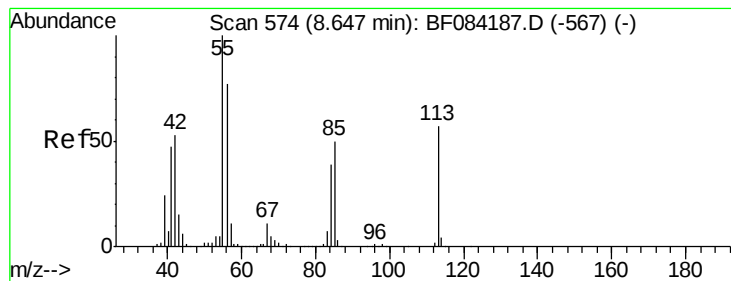


Abundance Ion 122.00 (121.70 to 122.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#35

Caprolactam

Concen: 3.01 ng

RT: 8.54 min Scan# 565

Delta R.T. -0.10 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

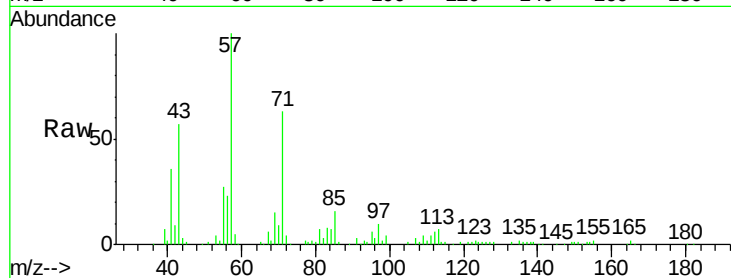
Tot Ion:113 Resp: 11118

Ion Ratio Lower Upper

113 100

55 401.7 116.9 156.9#

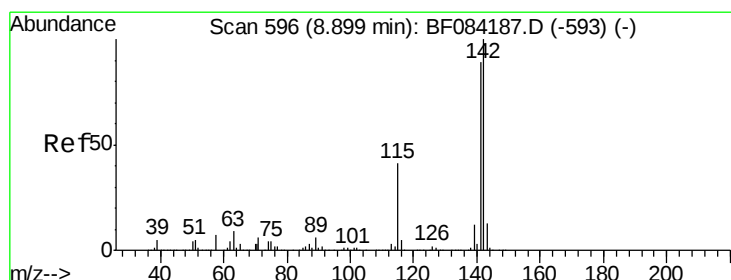
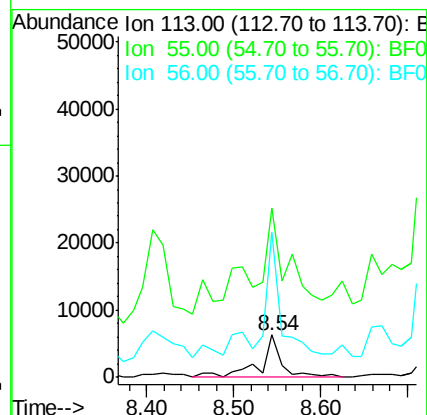
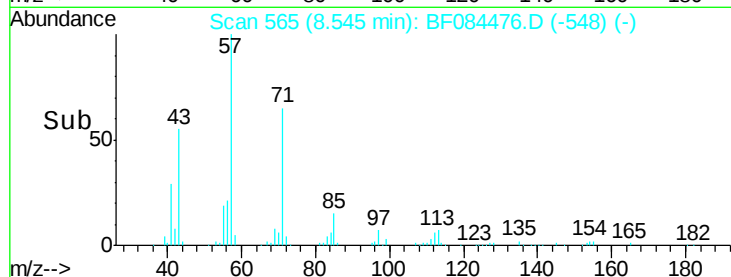
56 344.5 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#37

2-Methylnaphthalene

Concen: 2.16 ng

RT: 8.83 min Scan# 590

Delta R.T. -0.07 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

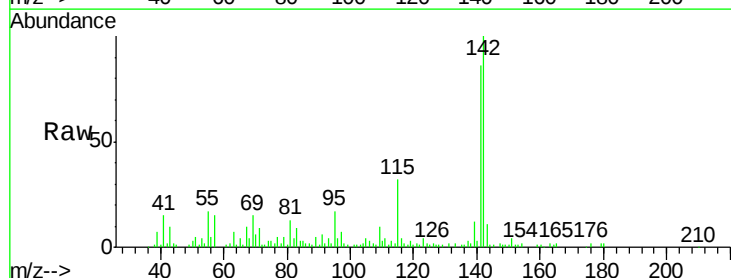
Tgt Ion:142 Resp: 54984

Ion Ratio Lower Upper

142 100

141 85.9 72.4 108.6

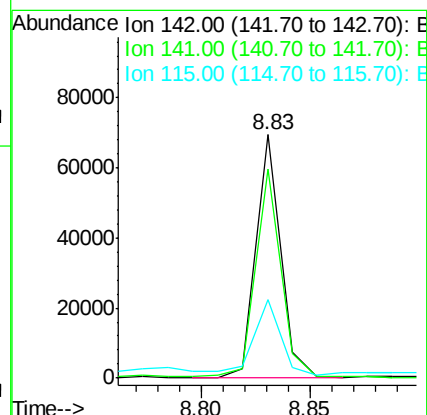
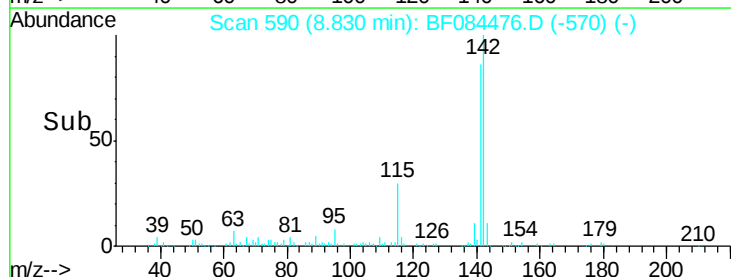
115 32.4 27.9 41.9

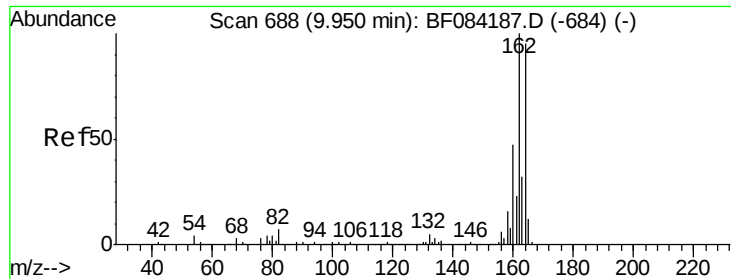


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.08 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

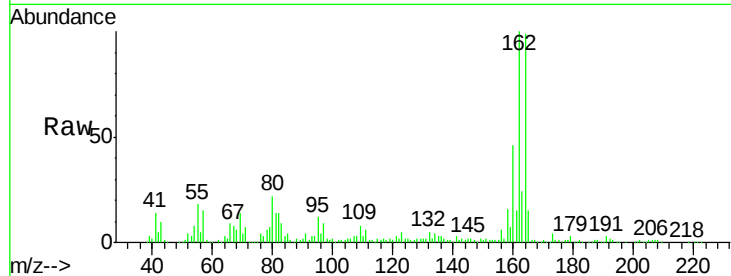
Tot Ion:164 Resp: 289832

Ion Ratio Lower Upper

164 100

162 100.7 85.1 127.7

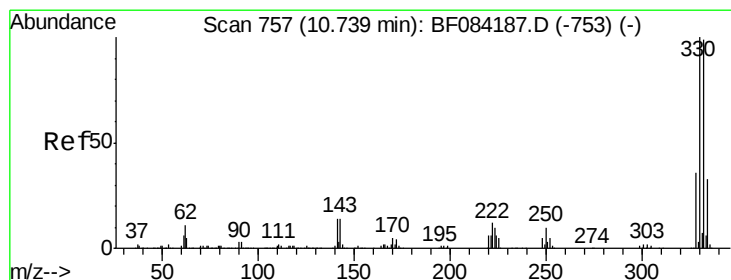
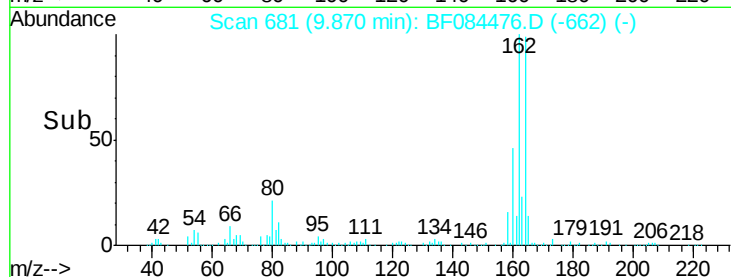
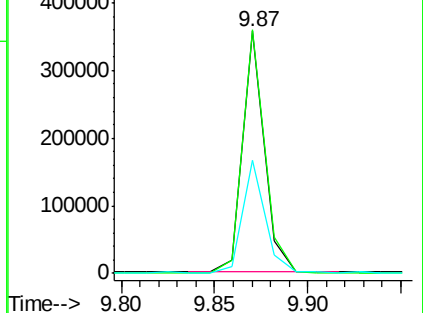
160 46.5 37.5 56.3



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: 6.42 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.08 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

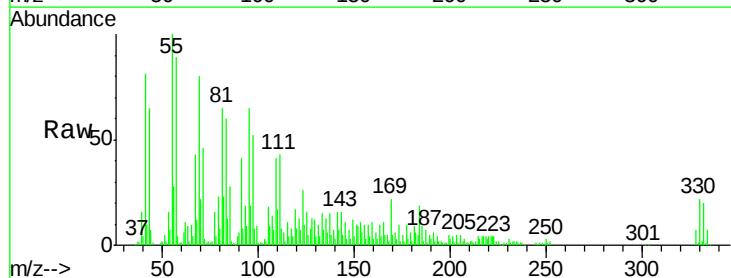
Tgt Ion:330 Resp: 18794

Ion Ratio Lower Upper

330 100

332 91.3 76.6 114.8

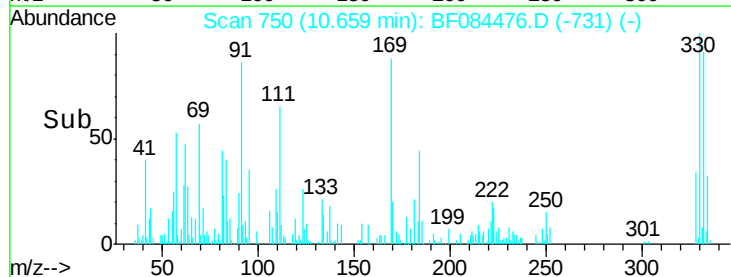
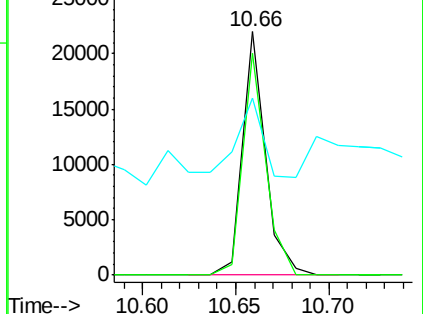
141 35.4 27.8 41.6

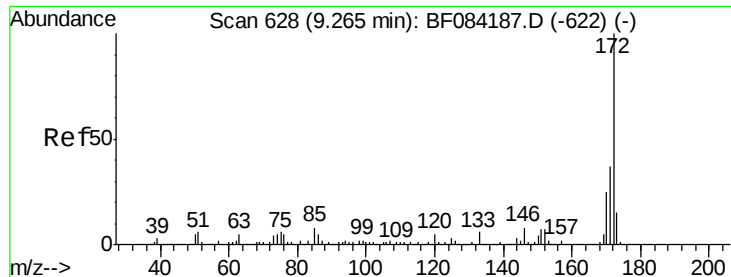


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 92.92 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.07 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

Instrument :

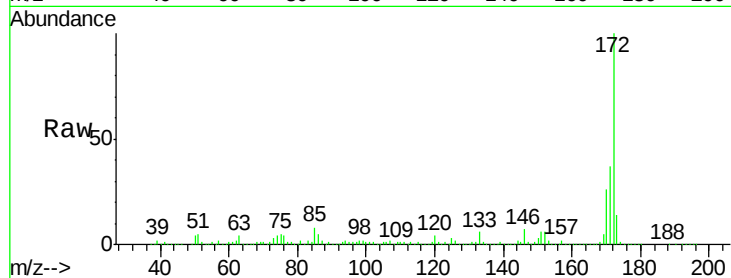
BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

Tot Ion:172 Resp: 1521172

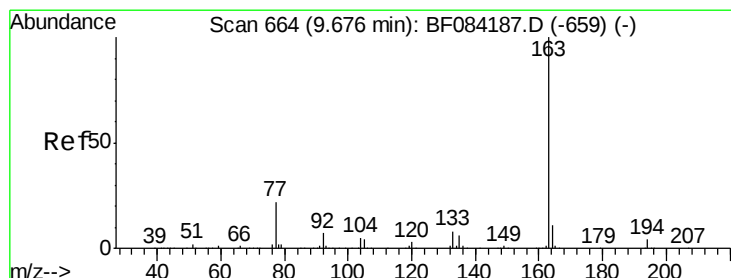
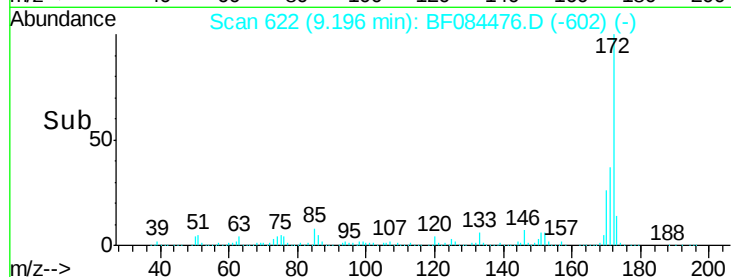
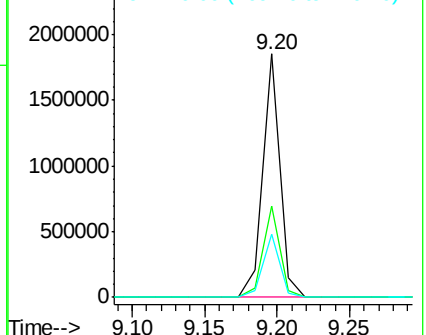
Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.9	43.3
170	25.7	18.6	27.8



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: 16.85 ng

RT: 9.60 min Scan# 657

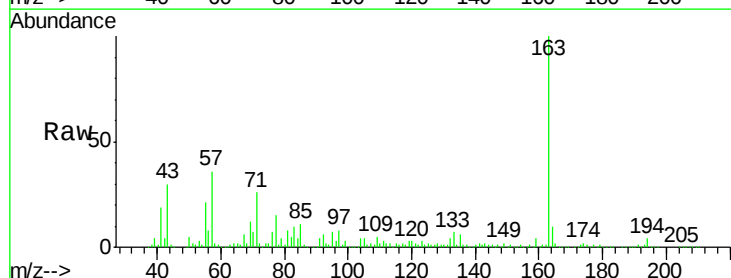
Delta R.T. -0.08 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

Tgt Ion:163 Resp: 349220

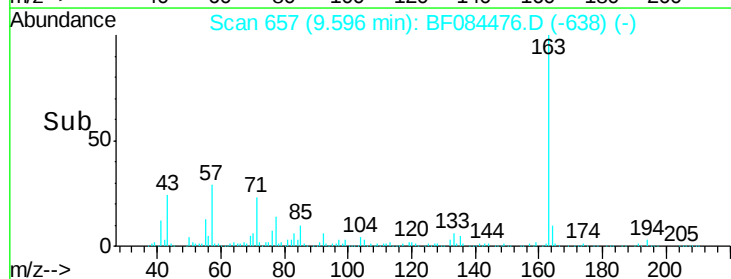
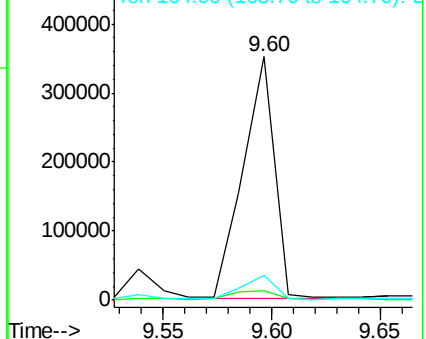
Ion	Ratio	Lower	Upper
163	100		
194	3.7	8.0	12.0#
164	10.1	8.0	12.0

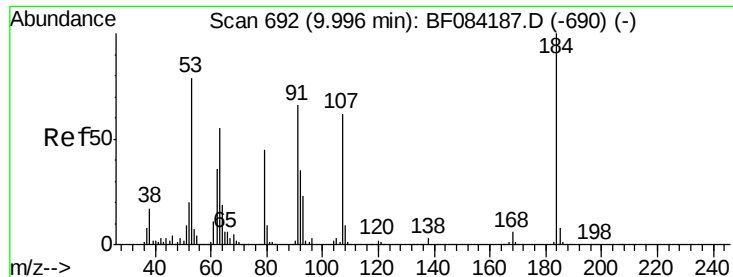


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#53

2,4-Dinitrophenol

Concen: 5.48 na

RT: 10.16 min Scan# 706

Delta R.T. 0.16 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

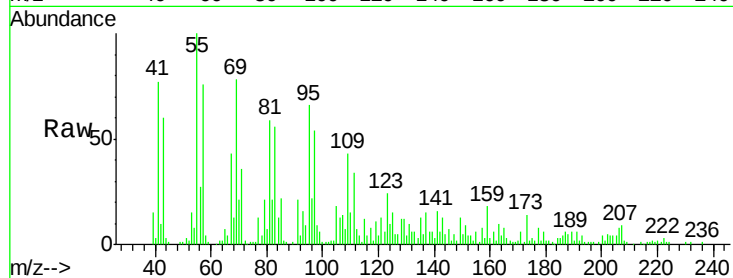
Tot Ion:184 Resp: 3897

Ion Ratio Lower Upper

184 100

63 52.3 43.1 64.7

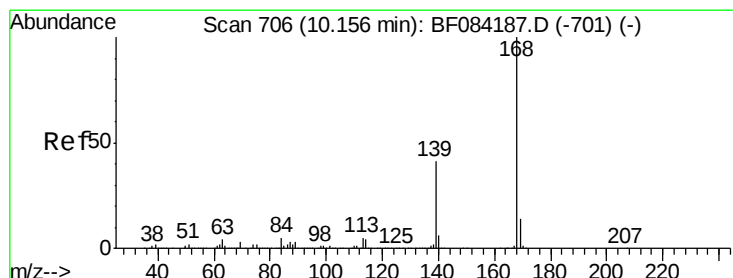
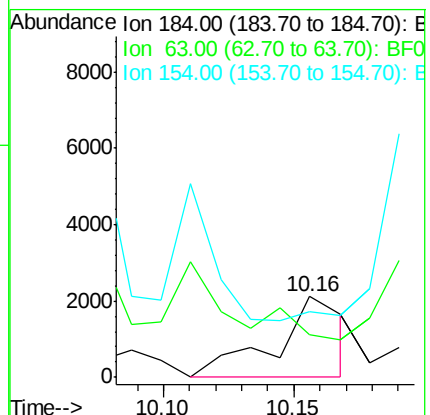
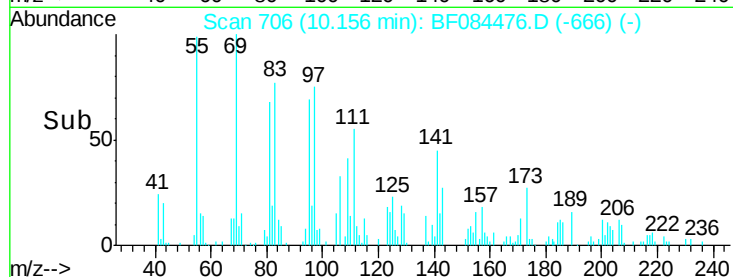
154 82.1 60.5 90.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: Below Cal

RT: 10.08 min Scan# 699

Delta R.T. -0.08 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

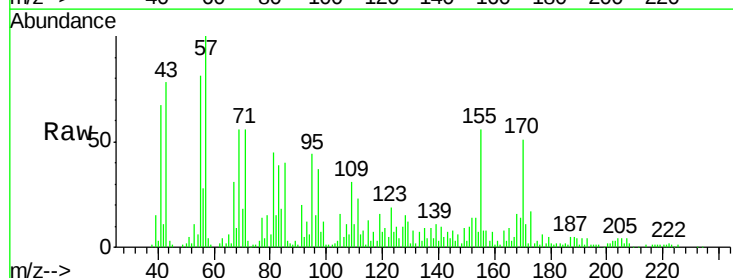
Tgt Ion:168 Resp: 13922

Ion Ratio Lower Upper

168 100

139 70.6 30.5 45.7#

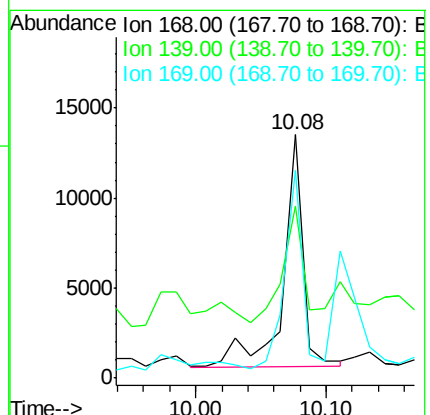
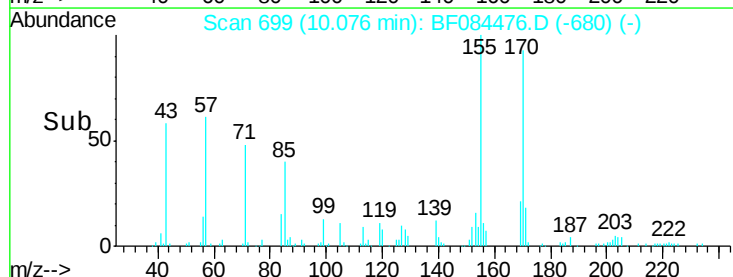
169 85.5 10.4 15.6#

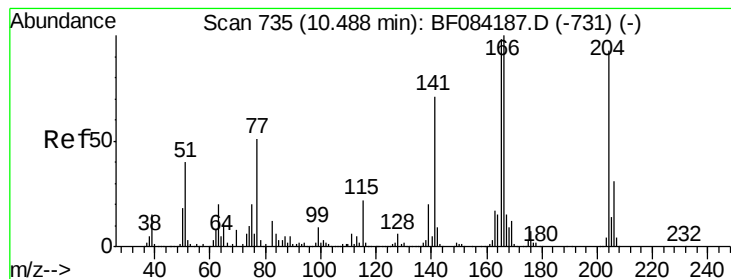


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#60

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.43 min Scan# 730

Delta R.T. -0.06 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

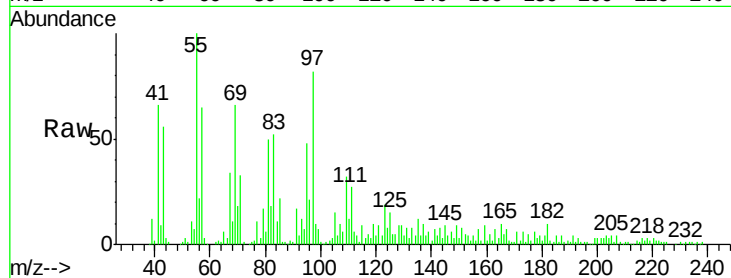
Tot Ion:204 Resp: 4354

Ion Ratio Lower Upper

204 100

206 57.5 25.7 38.5#

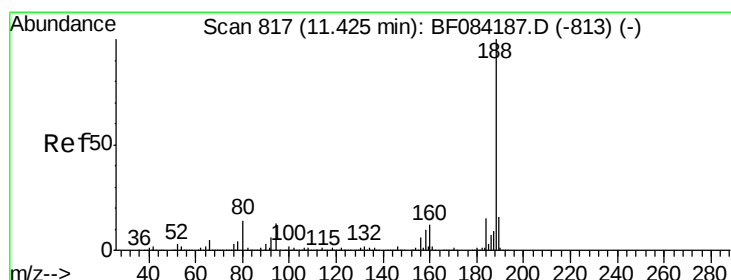
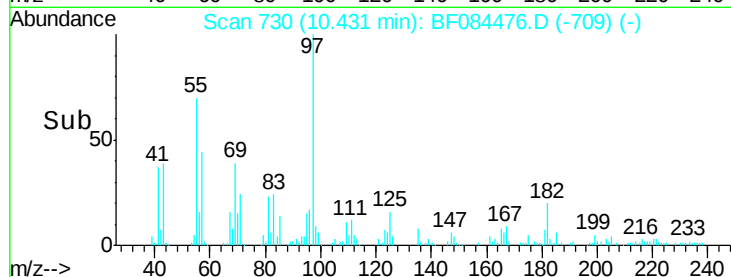
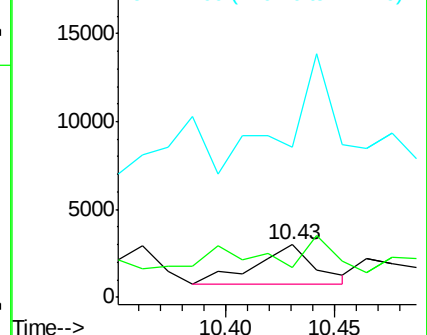
141 288.0 55.1 82.7#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.07 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

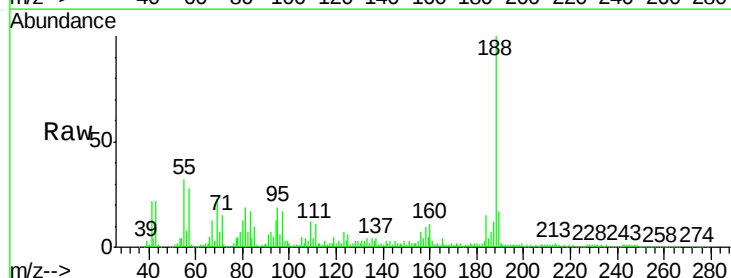
Tgt Ion:188 Resp: 448166

Ion Ratio Lower Upper

188 100

94 13.0 9.0 13.4

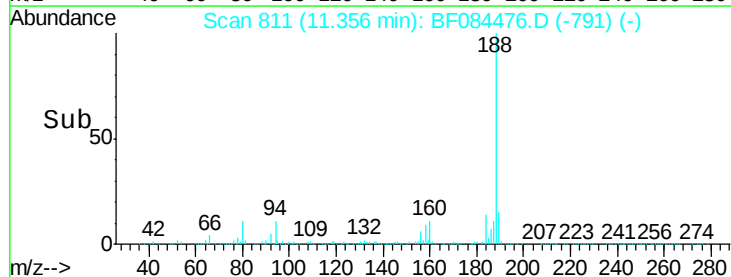
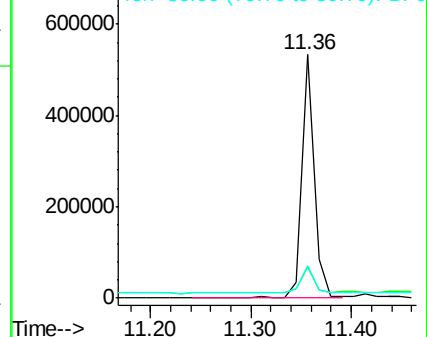
80 13.2 9.6 14.4

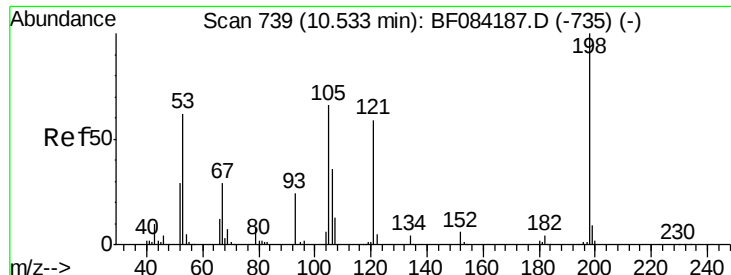


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

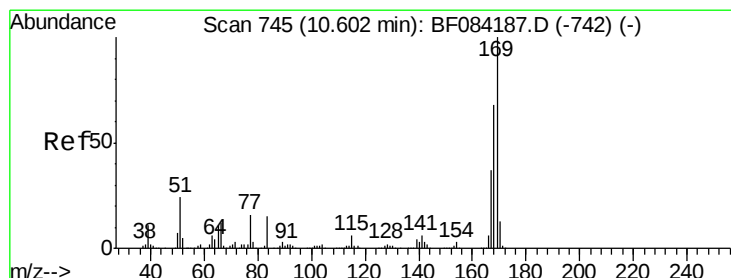
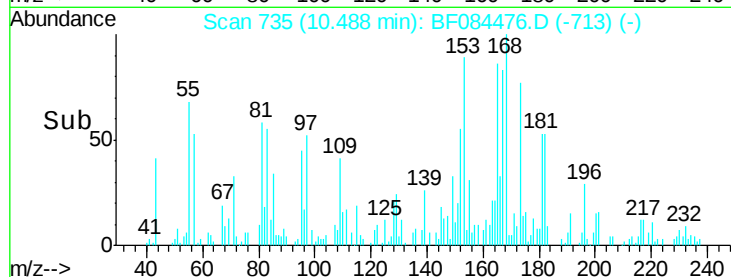
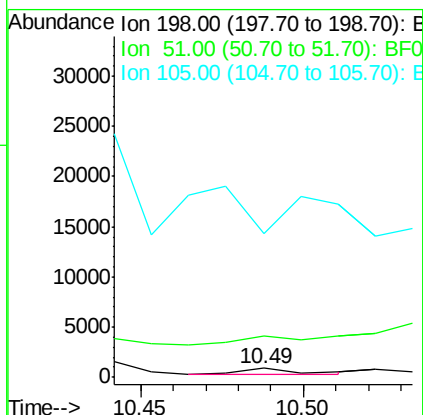
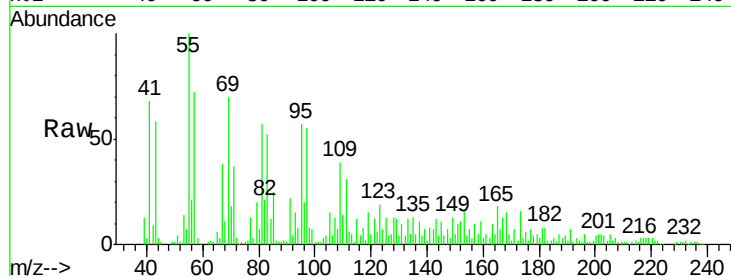




#64
4,6-Dinitro-2-methylphenol
Concen: 6.63 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.05 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

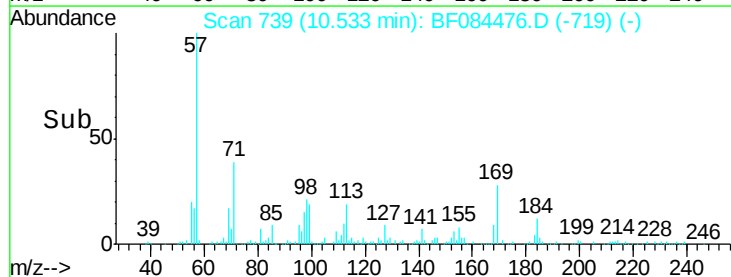
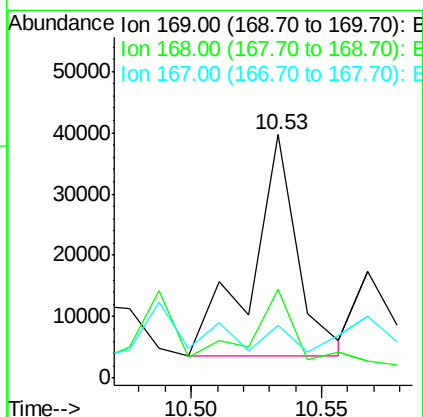
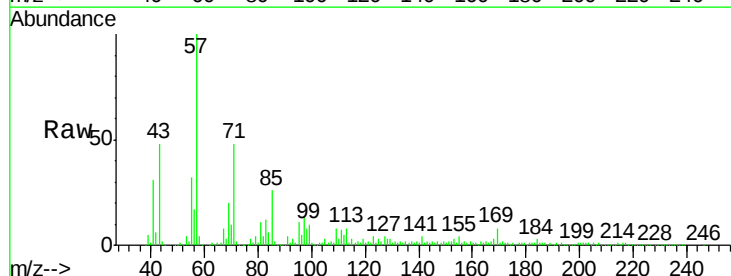
Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

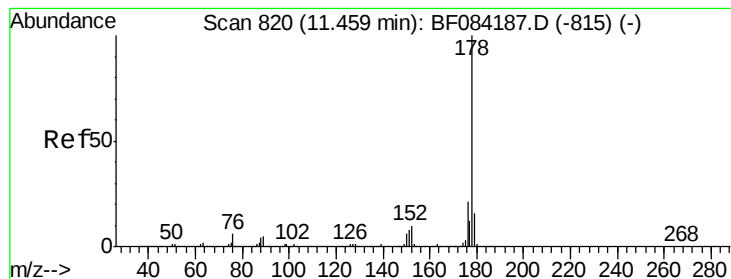
Tot Ion:198 Resp: 751
Ion Ratio Lower Upper
198 100
51 471.7 18.9 58.9#
105 1632.6 26.4 66.4#



#65
n-Nitrosodiphenylamine
Concen: 3.08 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.07 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion:169 Resp: 44084
Ion Ratio Lower Upper
169 100
168 36.6 55.1 82.7#
167 21.9 30.0 45.0#





#70

Phenanthrene

Concen: 5.17 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.08 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

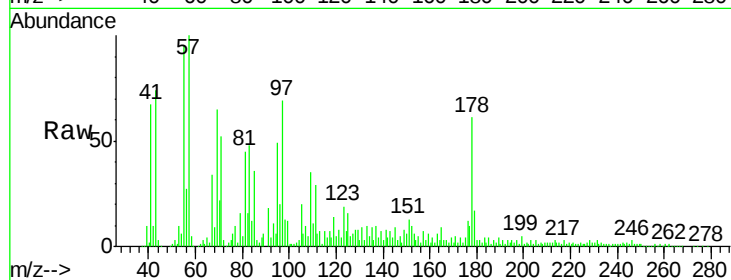
Tot Ion:178 Resp: 121137

Ion Ratio Lower Upper

178 100

176 20.3 15.3 22.9

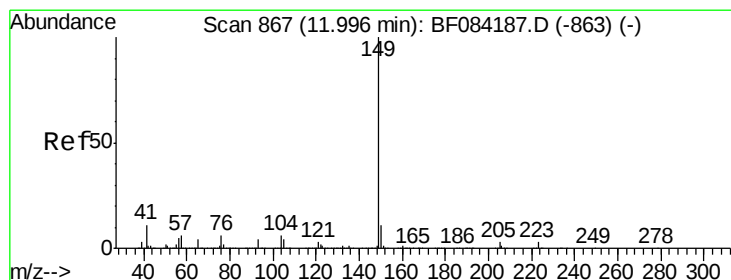
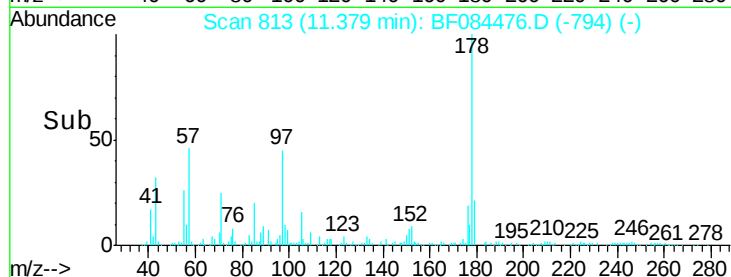
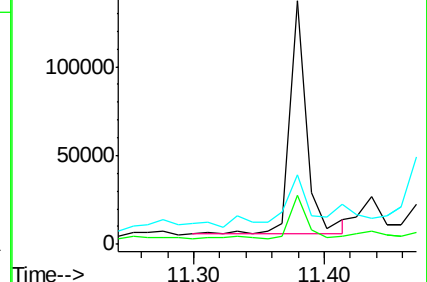
179 28.6 12.0 18.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Di-n-butylphthalate

Concen: 13.17 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.07 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

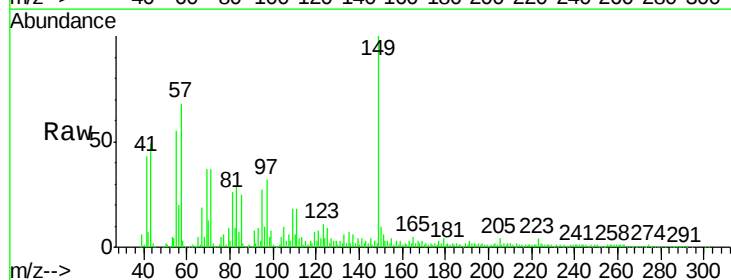
Tgt Ion:149 Resp: 415809

Ion Ratio Lower Upper

149 100

150 10.2 7.1 10.7

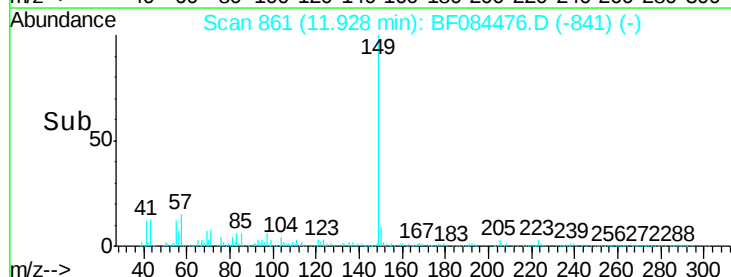
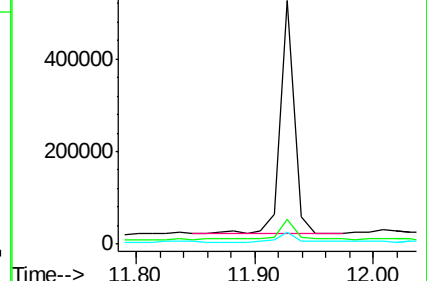
104 5.1 3.2 4.8#

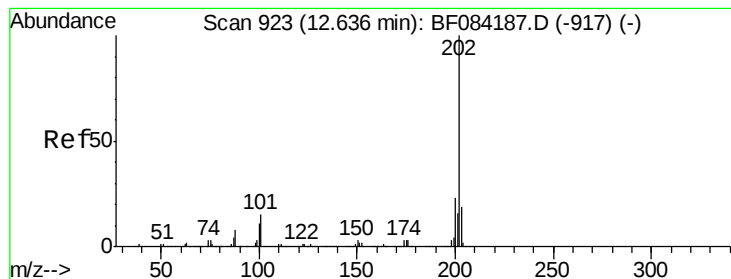


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 4.21 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

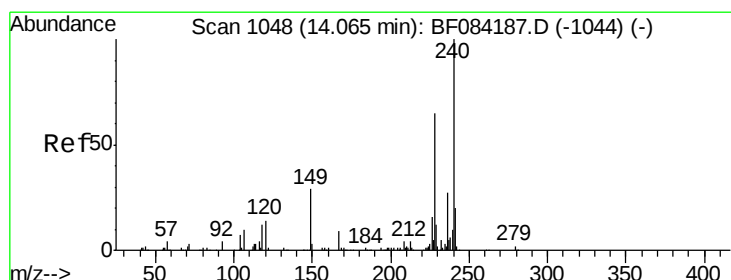
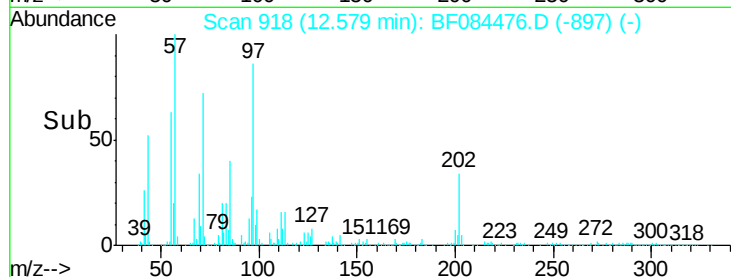
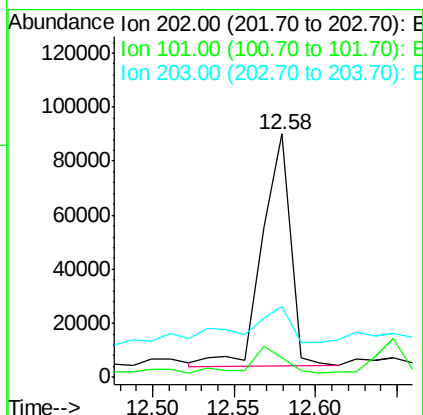
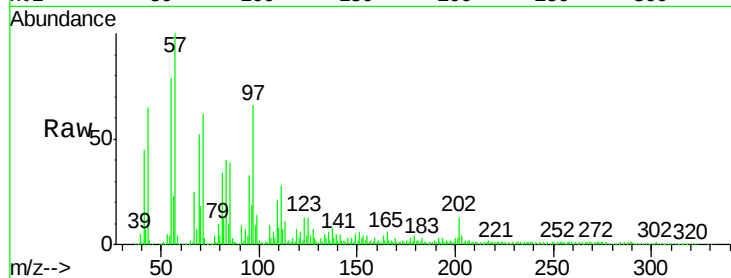
Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

Tot Ion:	202	Resp:	103120
Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	32.8
203	28.8	0.0	37.9



#75

Chrysene-d12

Concen: 20.00 ng

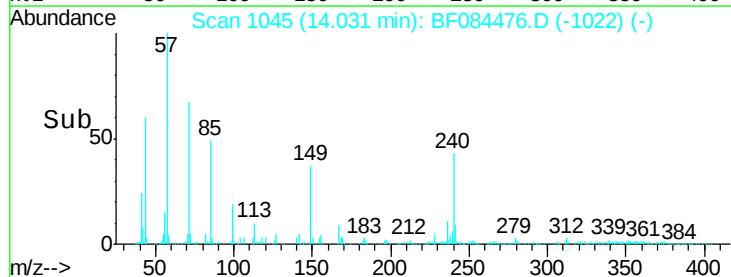
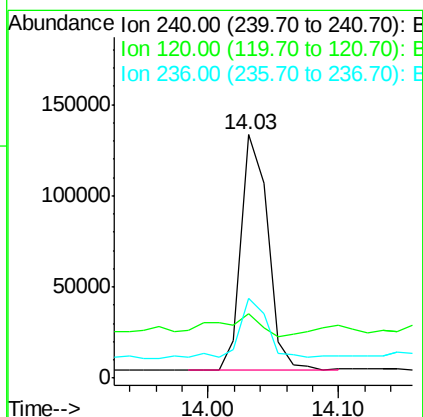
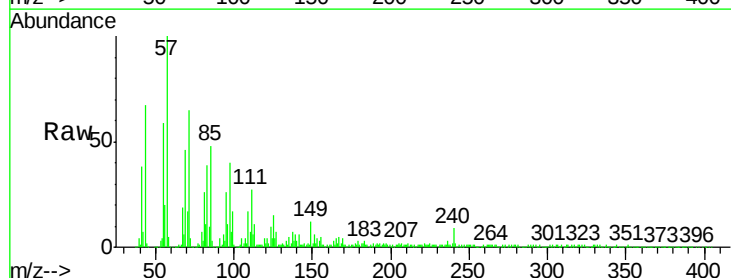
RT: 14.03 min Scan# 1045

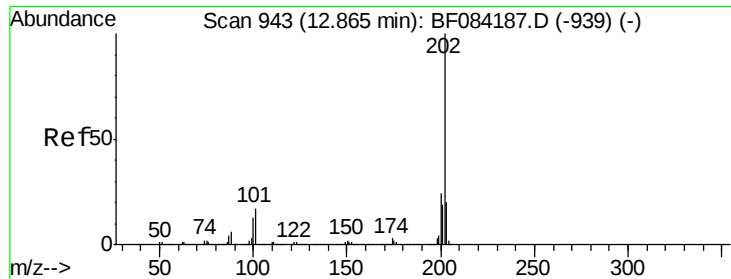
Delta R.T. -0.03 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

Tgt Ion:	240	Resp:	185163
Ion	Ratio	Lower	Upper
240	100		
120	26.7	9.5	14.3#
236	32.5	20.6	31.0#

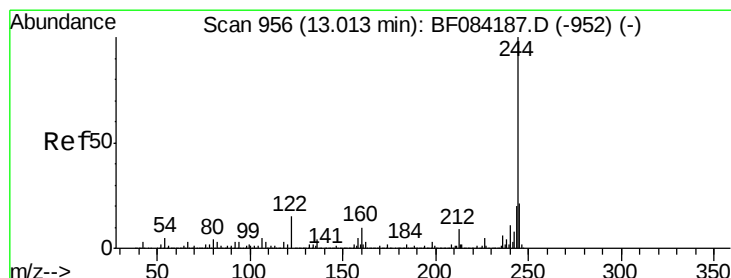
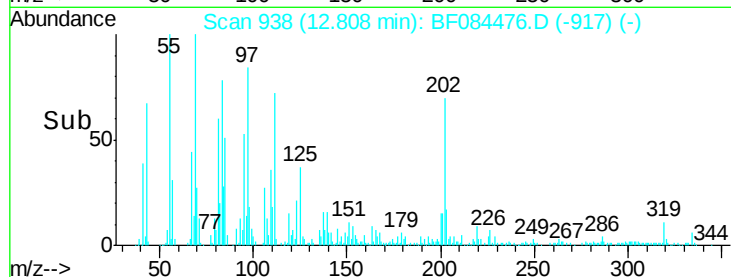
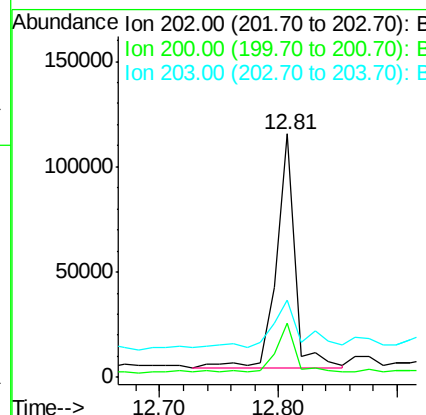
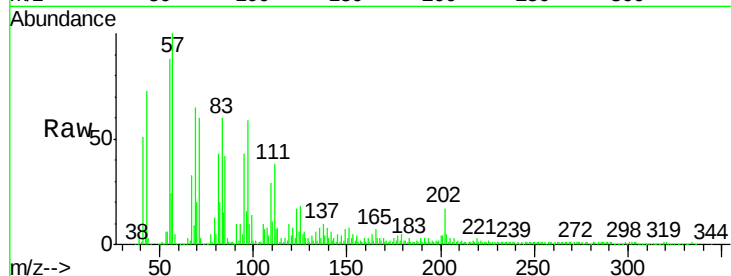




#77
Pvrene
Concen: 8.27 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.06 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

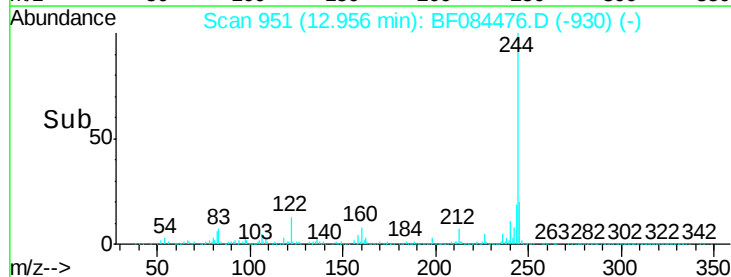
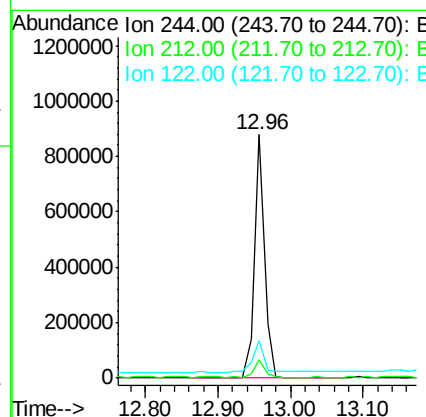
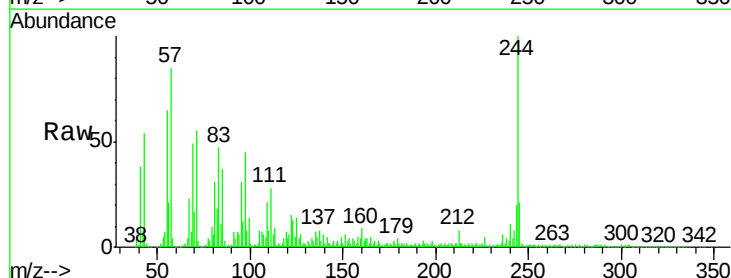
Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

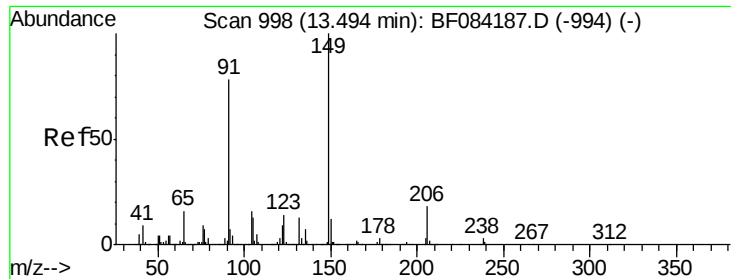
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.2	25.8
203	31.5	14.3	21.5#



#78
Terphenyl-d14
Concen: 101.00 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.06 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	15.4	7.4	11.0#

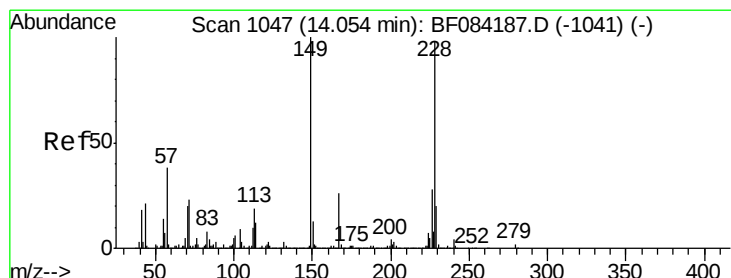
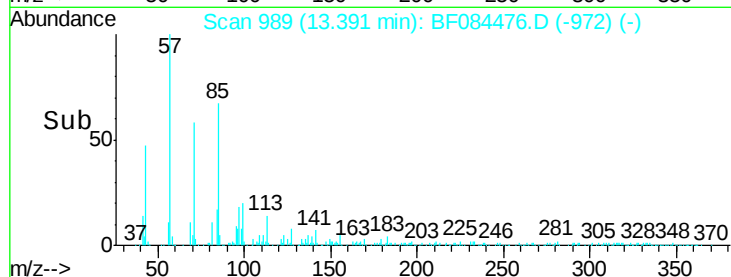
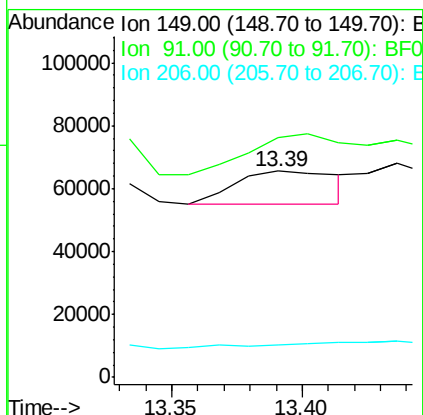
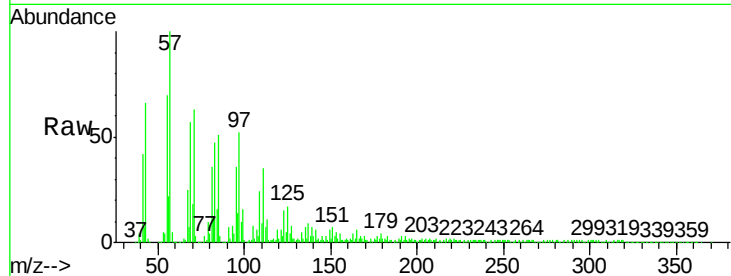




#79
 Butylbenzylphthalate
 Concen: 4.53 ng
 RT: 13.39 min Scan# 989
 Delta R.T. -0.10 min
 Lab File: BF084476.D
 Acq: 14 Jan 2016 8:16

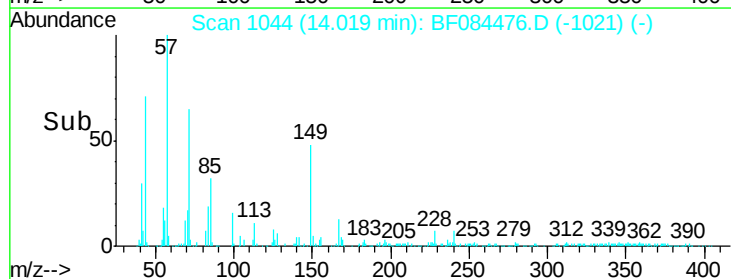
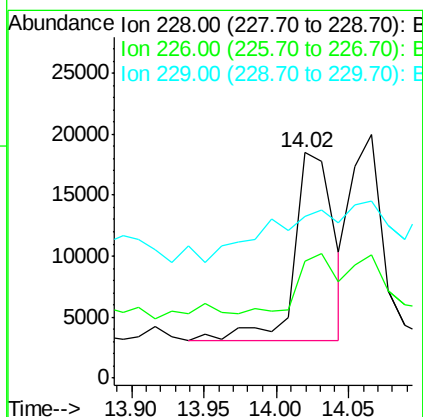
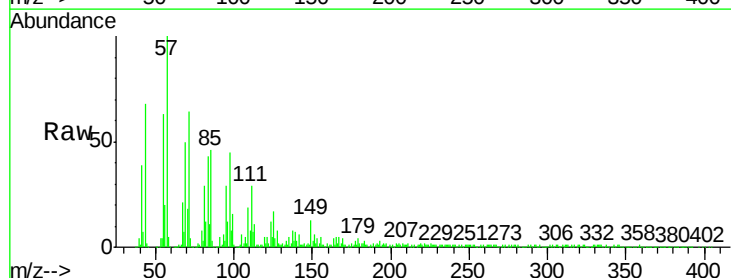
Instrument :
 BNA_F
 ClientSampleId :
 CONTAMINATED-DRUM(1-2)COMP

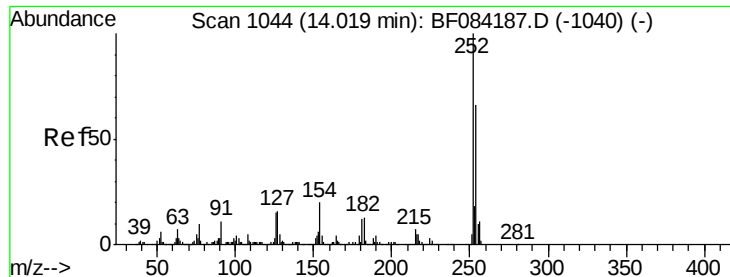
Tot Ion:149 Resp: 28474
 Ion Ratio Lower Upper
 149 100
 91 116.2 57.6 86.4#
 206 15.8 13.2 19.8



#80
 Benzo(a)anthracene
 Concen: 2.71 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.03 min
 Lab File: BF084476.D
 Acq: 14 Jan 2016 8:16

Tgt Ion:228 Resp: 29499
 Ion Ratio Lower Upper
 228 100
 226 51.8 21.8 32.6#
 229 71.9 15.8 23.8#

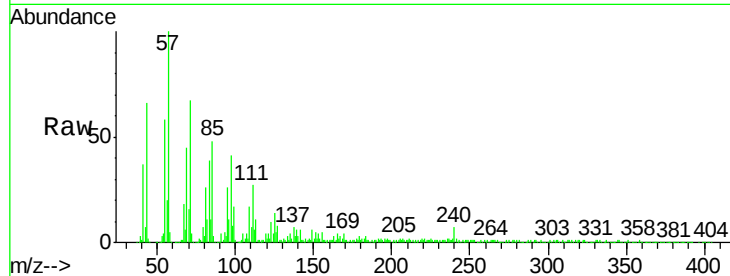




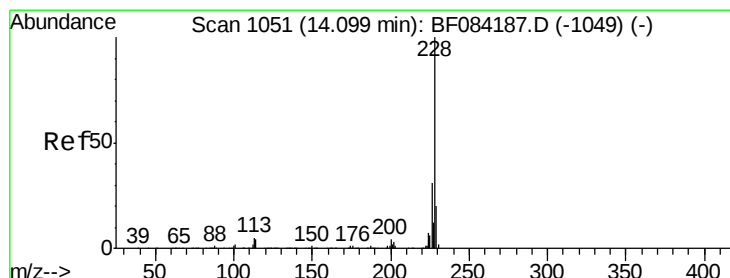
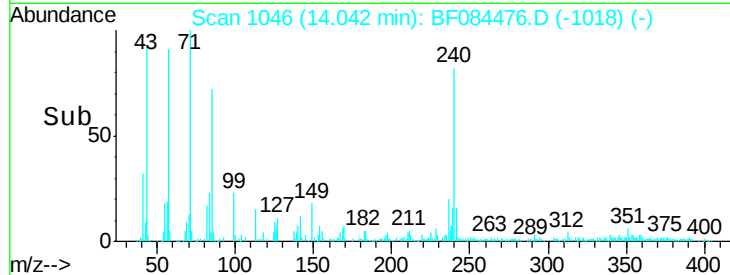
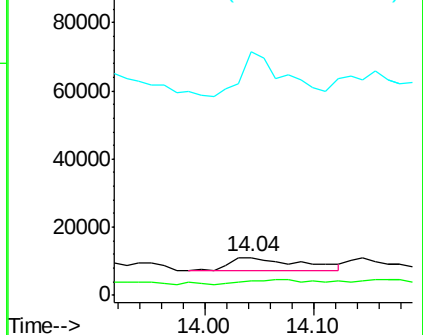
#81
 3,3'-Dichlorobenzidine
 Concen: 4.67 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.02 min
 Lab File: BF084476.D
 Acq: 14 Jan 2016 8:16

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

Tot Ion:252 Resp: 17709
 Ion Ratio Lower Upper
 252 100
 254 36.4 53.5 80.3#
 126 638.3 4.9 7.3#

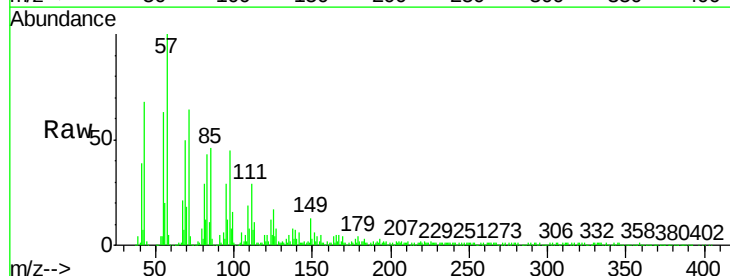


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

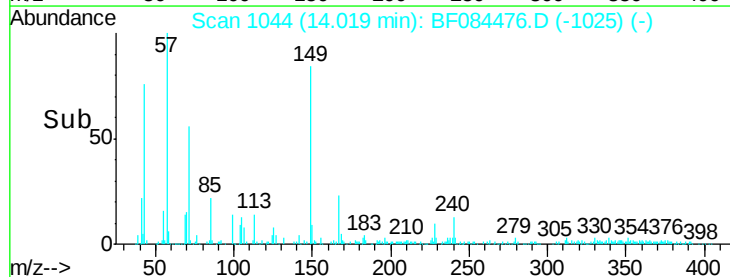
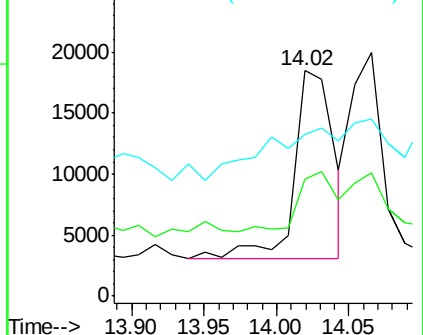


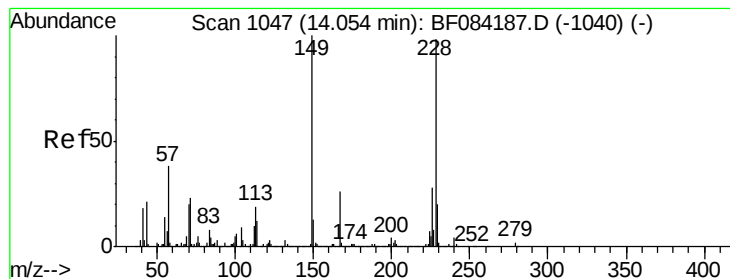
#82
 Chrysene
 Concen: 2.82 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.08 min
 Lab File: BF084476.D
 Acq: 14 Jan 2016 8:16

Tgt Ion:228 Resp: 29499
 Ion Ratio Lower Upper
 228 100
 226 51.8 24.3 36.5#
 229 71.9 16.1 24.1#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.57 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

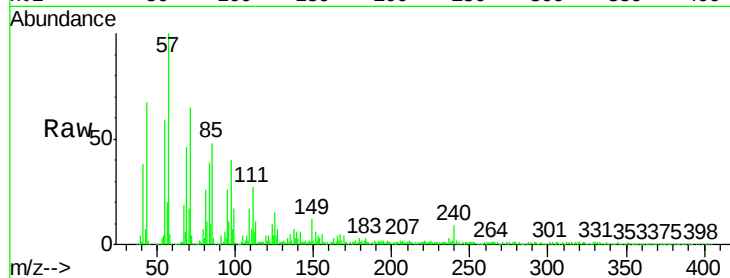
Tot Ion:149 Resp: 242812

Ion Ratio Lower Upper

149 100

167 38.6 19.7 29.5#

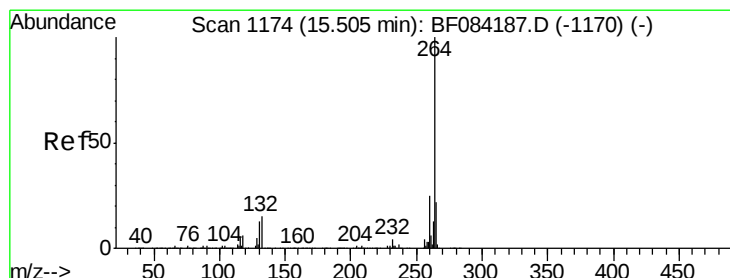
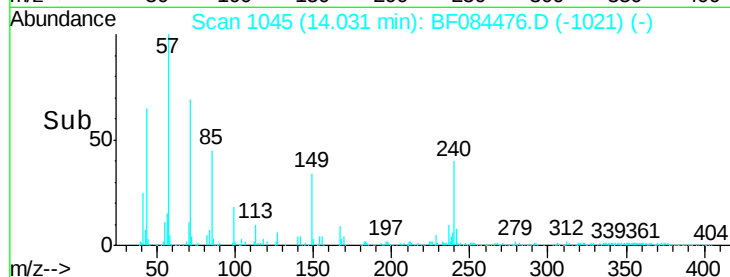
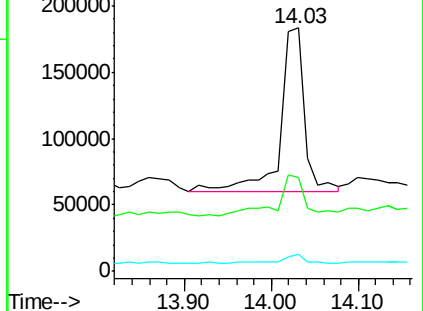
279 7.3 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.52 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

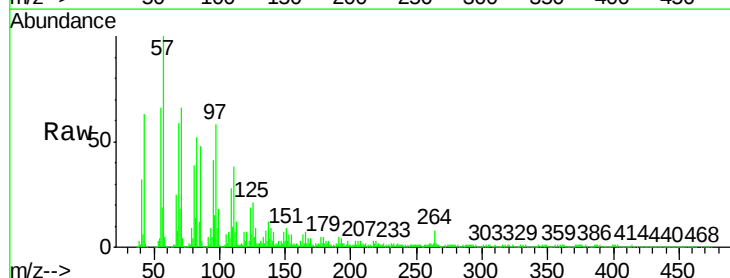
Tgt Ion:264 Resp: 172807

Ion Ratio Lower Upper

264 100

260 27.2 19.4 29.2

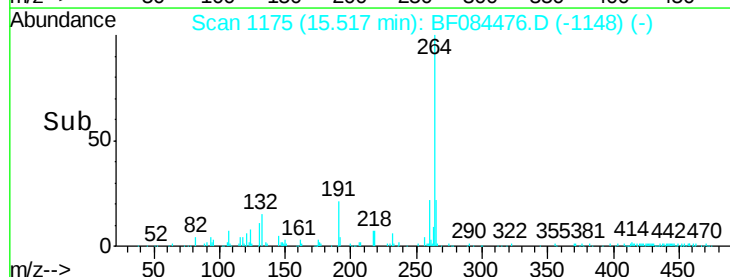
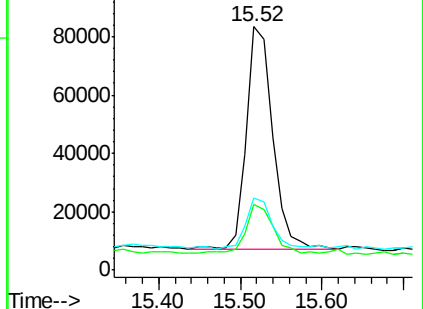
265 29.4 17.8 26.6#

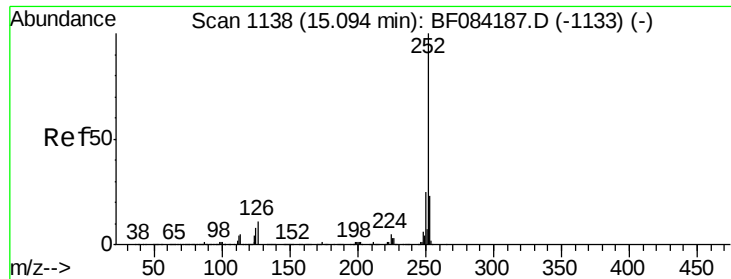


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

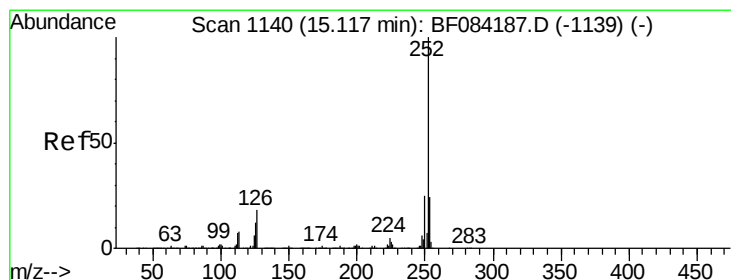
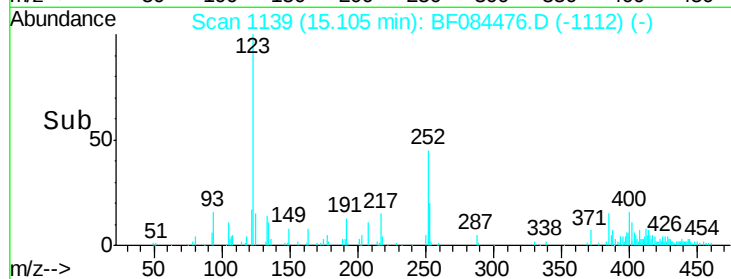
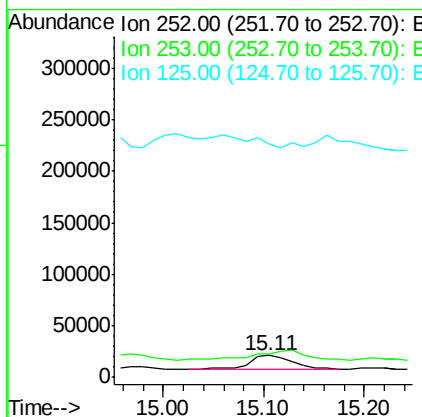
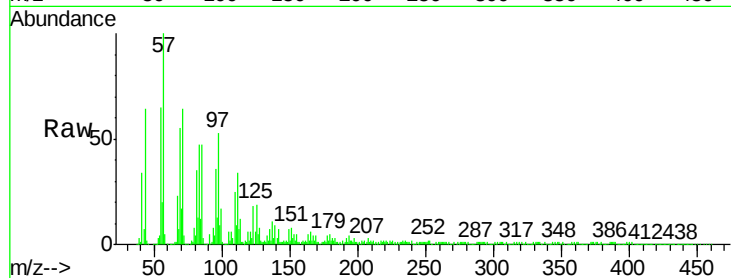




#87
Benzo(b)fluoranthene
Concen: 3.63 ng
RT: 15.11 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

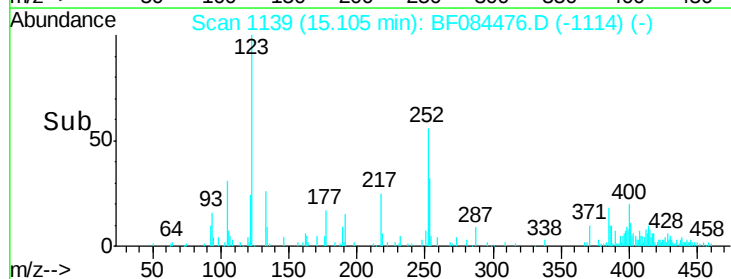
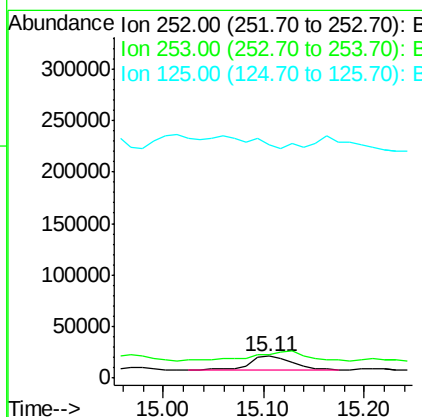
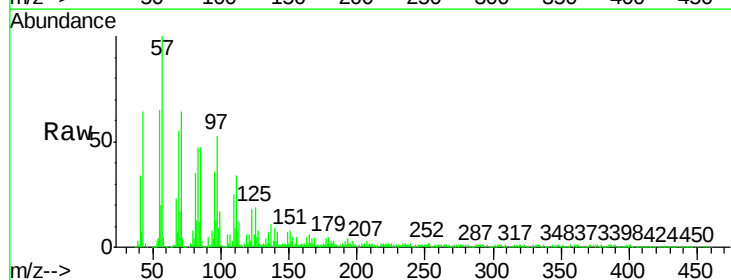
Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

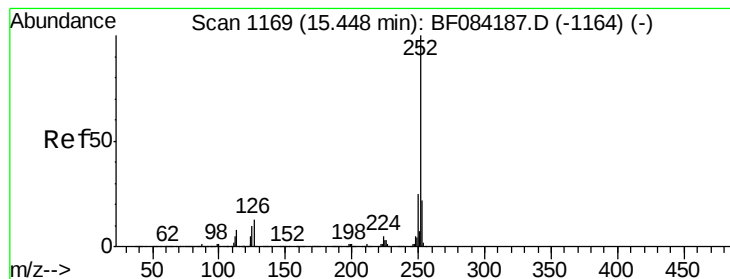
Tot Ion:252 Resp: 41034
Ion Ratio Lower Upper
252 100
253 110.9 17.3 25.9#
125 1077.0 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 4.44 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF084476.D
Acq: 14 Jan 2016 8:16

Tgt Ion:252 Resp: 41034
Ion Ratio Lower Upper
252 100
253 110.9 18.1 27.1#
125 1077.0 9.0 13.6#





#89

Benzo(a)pyrene

Concen: 2.03 ng

RT: 15.46 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

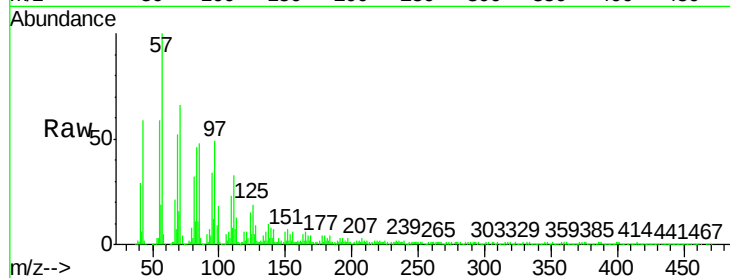
Tot Ion:252 Resp: 19498

Ion Ratio Lower Upper

252 100

253 108.7 17.3 25.9#

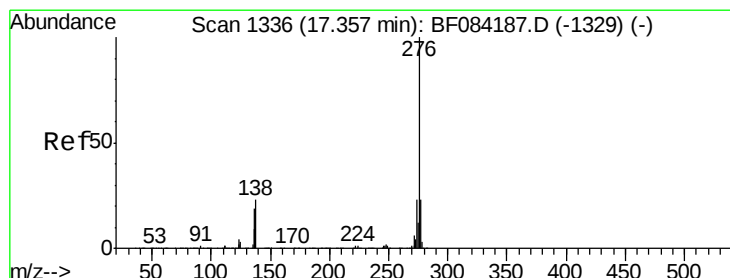
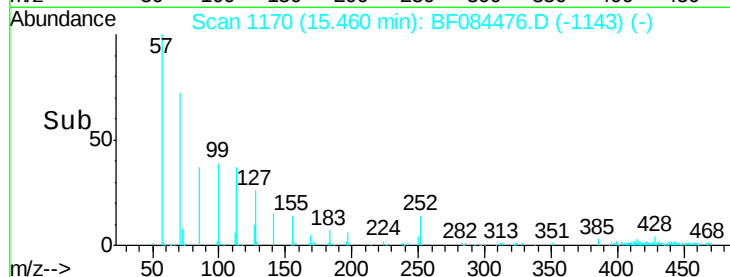
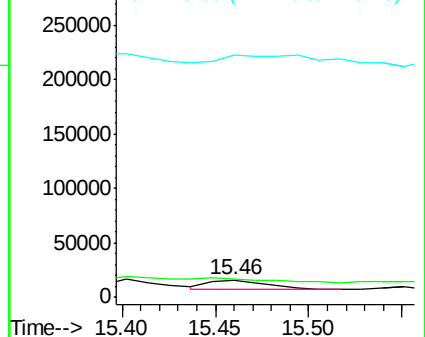
125 1417.9 7.0 10.4#



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



#91

Benzo(g,h,i)perylene

Concen: 3.33 ng

RT: 17.39 min Scan# 1339

Delta R.T. 0.03 min

Lab File: BF084476.D

Acq: 14 Jan 2016 8:16

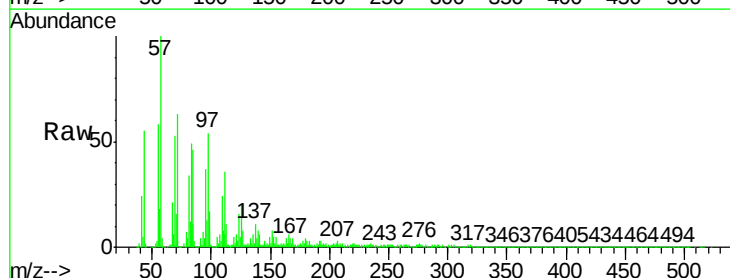
Tgt Ion:276 Resp: 28492

Ion Ratio Lower Upper

276 100

277 61.7 18.8 28.2#

138 215.6 17.8 26.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

