

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084387.D
 Acq On : 11 Jan 2016 18:44
 Operator : SJ/UM
 Sample : H1058-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jan 12 03:40:21 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	6.85	152	235319	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1019015	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	450143	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	779280	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	485921	20.00	ng	-0.05
86) Perylene-d12	15.45	264	423630	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1828934	125.71	ng	-0.01
7) Phenol-d6	6.51	99	2133226	116.75	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1537043	83.95	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	606380	133.43	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2528390	99.92	ng	-0.05
78) Terphenyl-d14	12.97	244	1940446	89.14	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	247661	35.94	ng	# 67
3) Pyridine	3.34	79	768823	40.01	ng	# 82
4) n-Nitrosodimethylamine	3.26	42	538883	54.64	ng	# 95
6) Aniline	6.52	93	134954	5.05	ng	# 1
8) 2-Chlorophenol	6.65	128	713670	43.24	ng	91
9) Benzaldehyde	6.41	77	149344	12.55	ng	88
10) Phenol	6.52	94	763129	36.73	ng	95
11) bis(2-Chloroethyl)ether	6.60	93	725118	45.06	ng	90
12) 1,3-Dichlorobenzene	6.80	146	707164	41.53	ng	# 93
13) 1,4-Dichlorobenzene	6.88	146	754705	44.20	ng	94
14) 1,2-Dichlorobenzene	7.02	146	617792	37.78	ng	95
15) Benzyl Alcohol	7.00	79	607832	39.54	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1087796	37.12	ng	96
17) 2-Methylphenol	7.13	107	586678	42.41	ng	# 93
18) Hexachloroethane	7.37	117	275557	40.36	ng	95
19) n-Nitroso-di-n-propylamine	7.28	70	476181	38.50	ng	# 70
20) 3+4-Methylphenols	7.28	107	698888	42.98	ng	# 48
22) Acetophenone	7.28	105	1026198	41.88	ng	# 94
24) Nitrobenzene	7.45	77	861949	46.42	ng	96
25) Isophorone	7.69	82	1434199	40.96	ng	99
26) 2-Nitrophenol	7.76	139	360251	42.62	ng	# 76
27) 2,4-Dimethylphenol	7.81	122	648317	37.90	ng	88
28) bis(2-Chloroethoxy)methane	7.89	93	821739	38.42	ng	99
29) 2,4-Dichlorophenol	8.01	162	589928	41.40	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	643732	43.76	ng	# 95
31) Naphthalene	8.17	128	2102323	45.47	ng	98
32) Benzoic acid	7.94	122	372643	35.70	ng	93
33) 4-Chloroaniline	8.21	127	117897	5.56	ng	96
34) Hexachlorobutadiene	8.28	225	347284	41.07	ng	98
35) Caprolactam	8.60	113	174392m	36.30	ng	
36) 4-Chloro-3-methylphenol	8.72	107	718806	45.03	ng	98
37) 2-Methylnaphthalene	8.85	142	1280776	38.59	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	605873	46.82	ng	99
40) Hexachlorocyclopentadiene	9.01	237	343842	44.01	ng	99

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 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)
42) 2,4,6-Trichlorophenol	9.14	196	394918	40.79	ng	97
43) 2,4,5-Trichlorophenol	9.18	196	391969	42.23	ng #	78
45) 1,1'-Biphenyl	9.32	154	1555383	43.48	ng	100
46) 2-Chloronaphthalene	9.34	162	1162474	41.37	ng	96
47) 2-Nitroaniline	9.45	65	474931	51.21	ng	91
48) Acenaphthylene	9.77	152	1871220	45.07	ng	98
49) Dimethylphthalate	9.63	163	1557781	48.41	ng #	90
50) 2,6-Dinitrotoluene	9.69	165	326252	46.22	ng #	56
51) Acenaphthene	9.94	154	1308116	46.97	ng	98
52) 3-Nitroaniline	9.86	138	144390	16.51	ng #	74
53) 2,4-Dinitrophenol	9.96	184	183729	61.95	ng #	90
54) Dibenzofuran	10.11	168	1694687	47.13	ng	99
55) 4-Nitrophenol	10.04	139	476975	75.13	ng	88
56) 2,4-Dinitrotoluene	10.09	165	404247	45.25	ng #	81
57) Fluorene	10.45	166	1266327	45.43	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	328672	41.48	ng	95
59) Diethylphthalate	10.33	149	1449001	45.67	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	630236	55.38	ng	99
61) 4-Nitroaniline	10.48	138	325600	41.76	ng	90
62) Azobenzene	10.60	77	1583794	45.51	ng	93
64) 4,6-Dinitro-2-methylphenol	10.50	198	154404	32.71	ng	95
65) n-Nitrosodiphenylamine	10.57	169	1168076	46.88	ng	98
66) 4-Bromophenyl-phenylether	10.93	248	418090	49.85	ng	96
67) Hexachlorobenzene	10.99	284	382622	40.53	ng #	78
68) Atrazine	11.09	200	393315	48.24	ng	97
69) Pentachlorophenol	11.20	266	401786	82.08	ng	98
70) Phenanthrene	11.41	178	1921601	47.14	ng	98
71) Anthracene	11.46	178	1755618	43.94	ng	98
72) Carbazole	11.62	167	1730931	44.31	ng	98
73) Di-n-butylphthalate	11.95	149	2224167	57.30	ng #	95
74) Fluoranthene	12.59	202	1571302	36.90	ng	99
76) Benzidine	12.72	184	153787	8.83	ng	96
77) Pyrene	12.82	202	1511138	39.63	ng	98
79) Butylbenzylphthalate	13.45	149	849098	51.46	ng #	89
80) Benzo(a)anthracene	14.01	228	1119810	39.25	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	240393	24.14	ng #	95
82) Chrysene	14.04	228	1020829	37.23	ng	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	1056242	50.67	ng #	96
84) Di-n-octyl phthalate	14.61	149	1563034	44.41	ng #	84
85) Indeno(1,2,3-cd)pyrene	16.84	276	1045681	48.11	ng	99
87) Benzo(b)fluoranthene	15.04	252	1061518	38.31	ng #	96
88) Benzo(k)fluoranthene	15.07	252	1098472m	48.47	ng	
89) Benzo(a)pyrene	15.39	252	1040048	44.25	ng	99
90) Dibenzo(a,h)anthracene	16.87	278	884138	43.71	ng #	96
91) Benzo(g,h,i)perylene	17.27	276	841052	40.15	ng	99

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

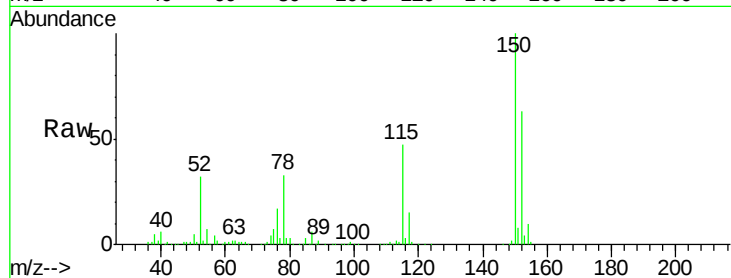


#1

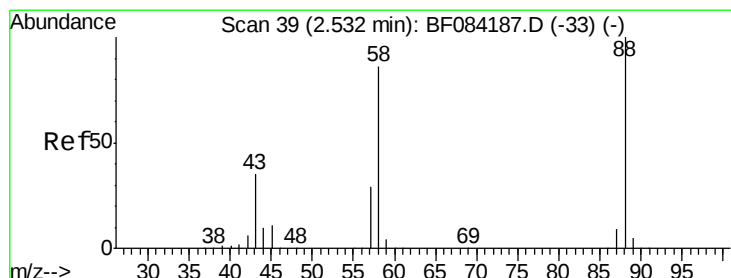
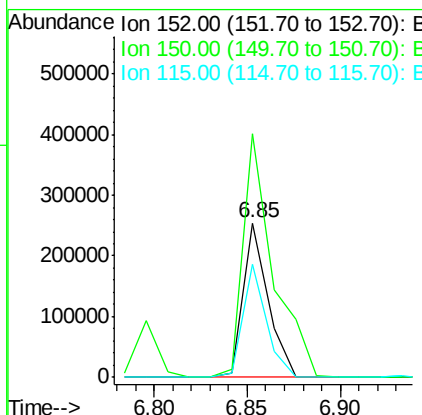
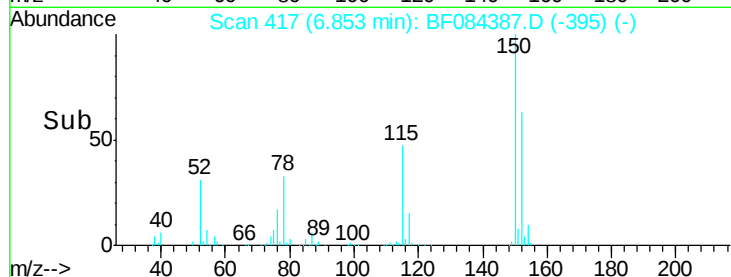
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.05 min
 Lab File: BF084387.D
 Acq: 11 Jan 2016 18:44

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

Tgt Ion:152 Resp: 235319
 Ion Ratio Lower Upper
 152 100
 150 157.9 123.0 184.4
 115 73.5 51.4 77.2



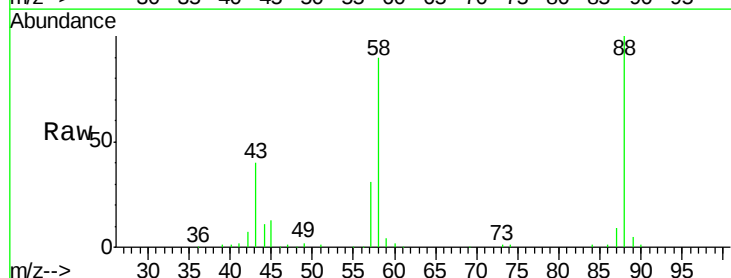
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



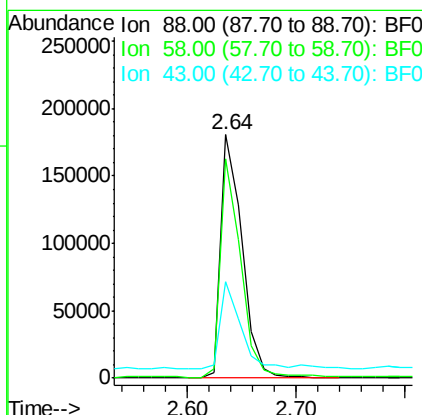
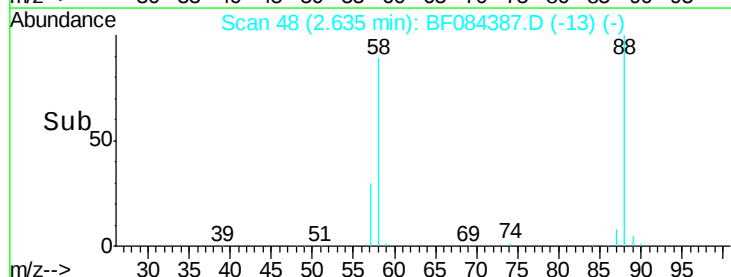
#2

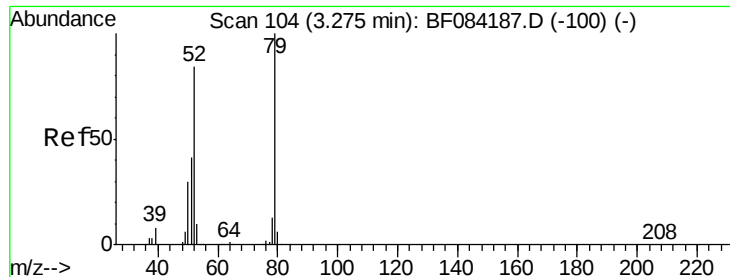
1,4-Dioxane
 Concen: 35.94 ng
 RT: 2.64 min Scan# 48
 Delta R.T. 0.10 min
 Lab File: BF084387.D
 Acq: 11 Jan 2016 18:44

Tgt Ion: 88 Resp: 247661
 Ion Ratio Lower Upper
 88 100
 58 84.8 51.2 76.8#
 43 0.0 19.5 29.3#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.01 ng

RT: 3.34 min Scan# 110

Delta R.T. 0.07 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

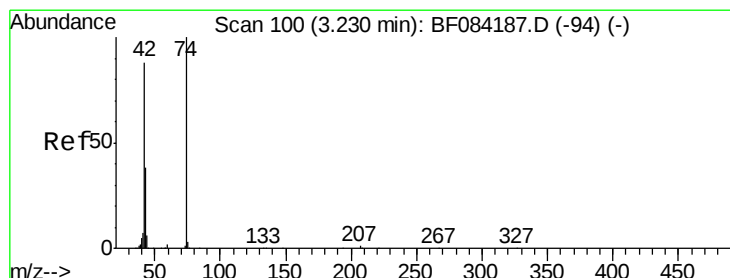
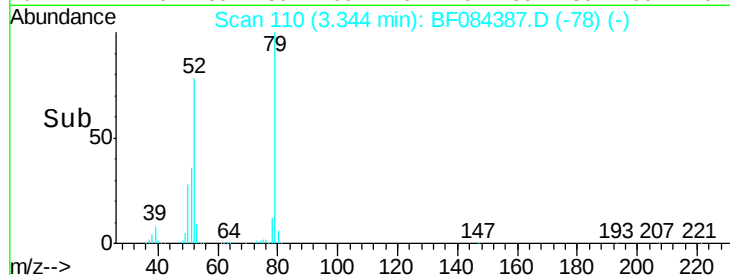
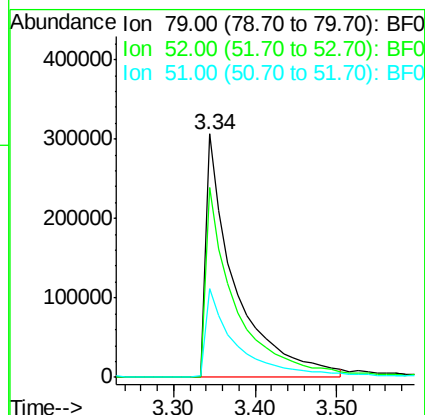
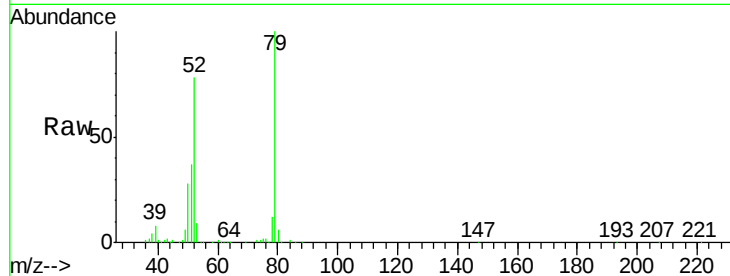
Tgt Ion: 79 Resp: 768823

Ion Ratio Lower Upper

79 100

52 78.0 49.0 73.4#

51 36.6 25.2 37.8



#4

n-Nitrosodimethylamine

Concen: 54.64 ng

RT: 3.26 min Scan# 103

Delta R.T. 0.03 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

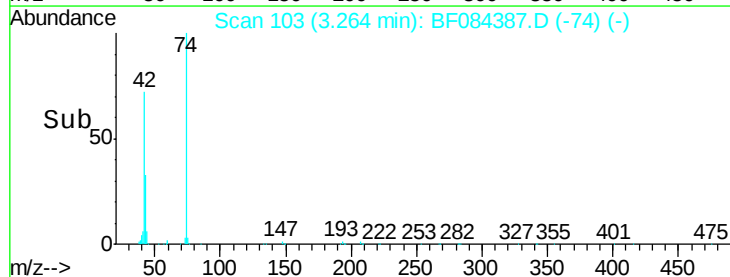
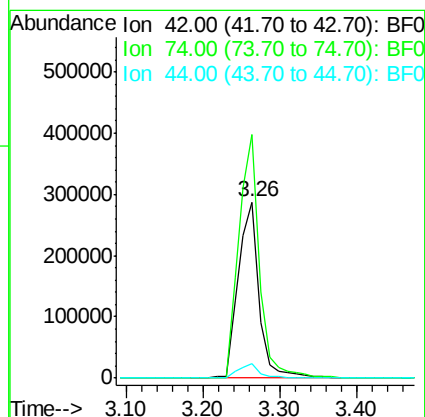
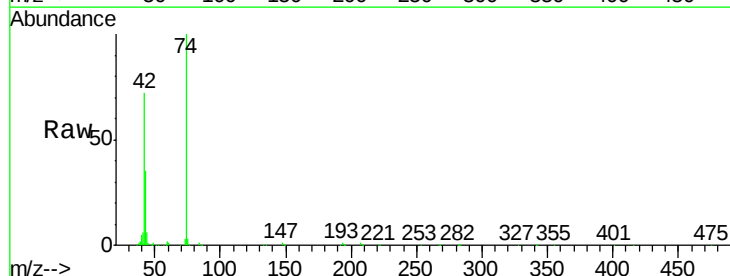
Tgt Ion: 42 Resp: 538883

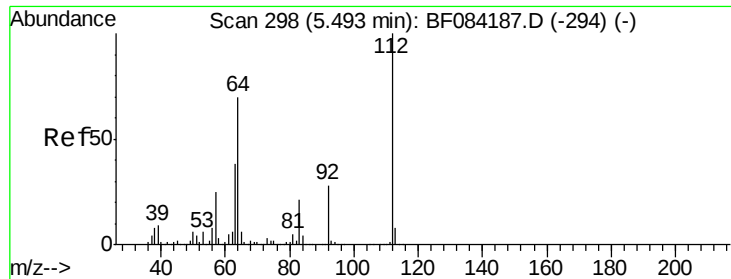
Ion Ratio Lower Upper

42 100

74 138.4 115.7 173.5

44 7.9 5.1 7.7#





#5

2-Fluorophenol

Concen: 125.71 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

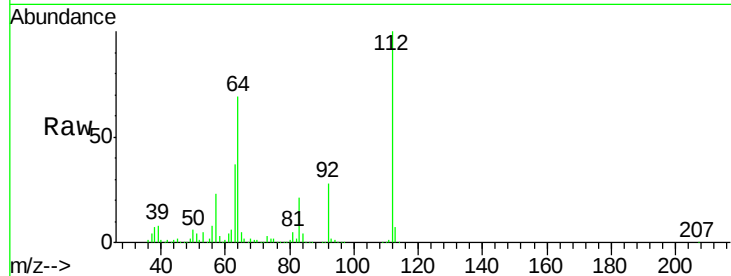
Tgt Ion:112 Resp: 1828934

Ion Ratio Lower Upper

112 100

64 68.8 36.6 55.0#

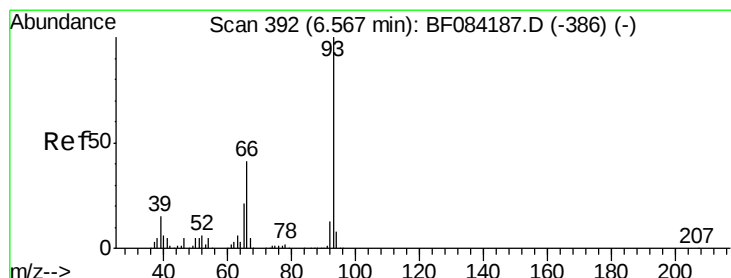
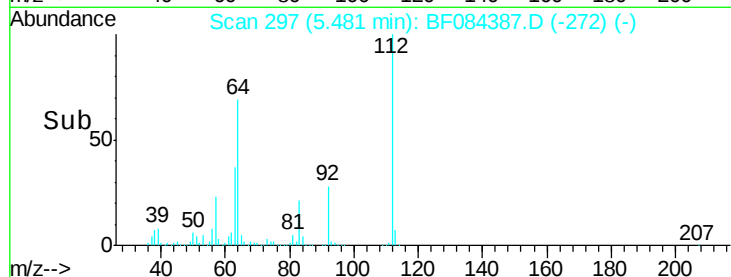
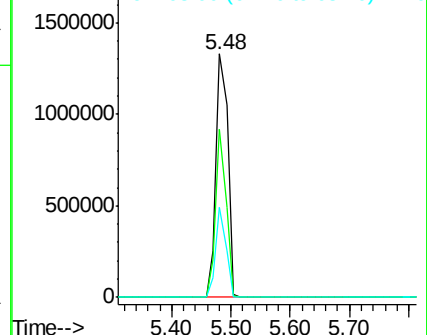
63 37.0 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 5.05 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

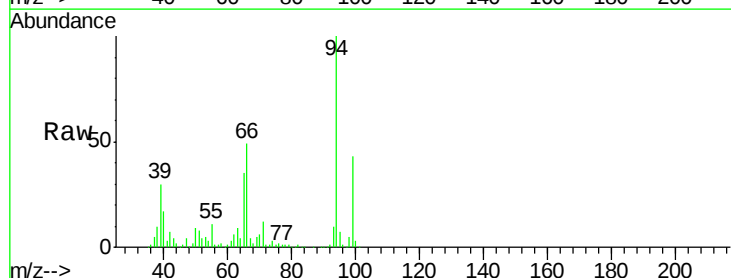
Tgt Ion: 93 Resp: 134954

Ion Ratio Lower Upper

93 100

66 507.2 44.9 67.3#

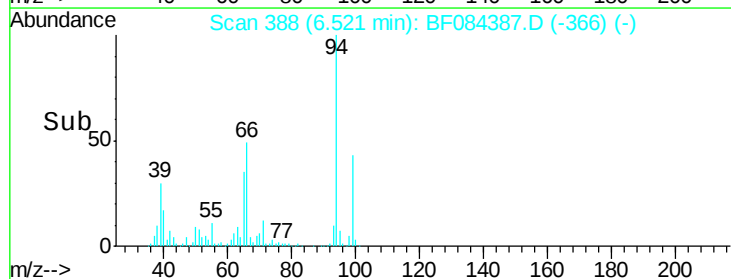
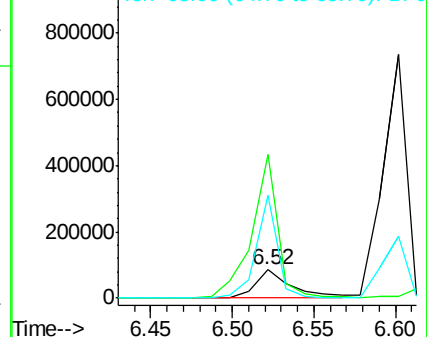
65 365.2 23.7 35.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.75 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

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ClientSampleId :

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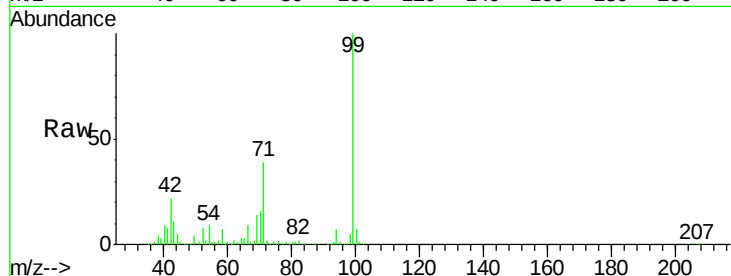
Tgt Ion: 99 Resp: 2133226

Ion Ratio Lower Upper

99 100

42 22.0 12.8 19.2#

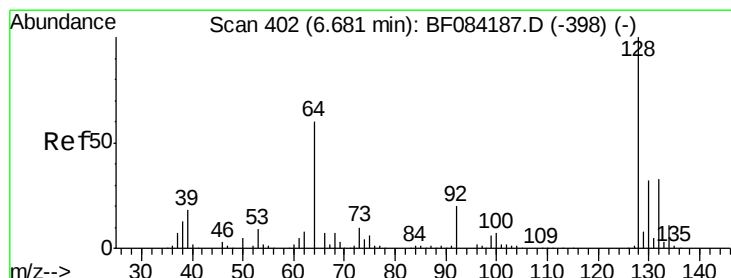
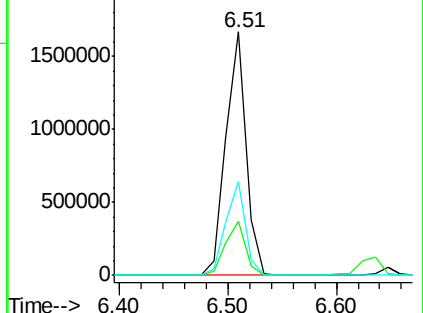
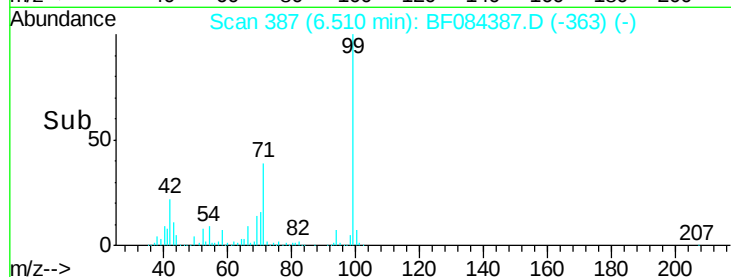
71 38.7 30.9 46.3



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



#8

2-Chlorophenol

Concen: 43.24 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

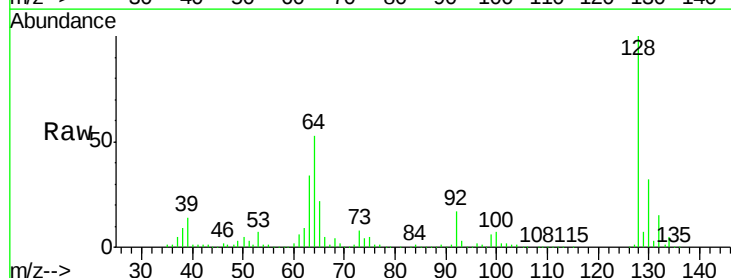
Tgt Ion: 128 Resp: 713670

Ion Ratio Lower Upper

128 100

130 32.4 11.6 51.6

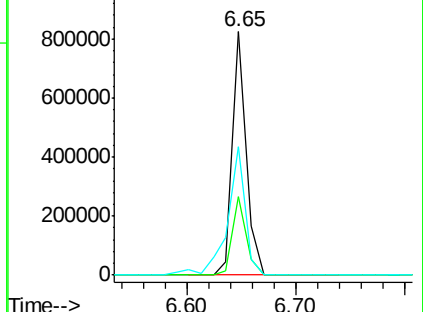
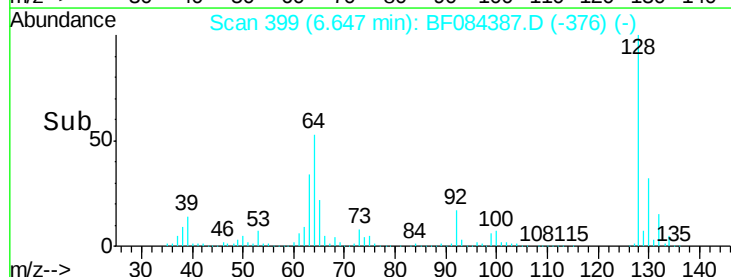
64 52.7 23.8 63.8

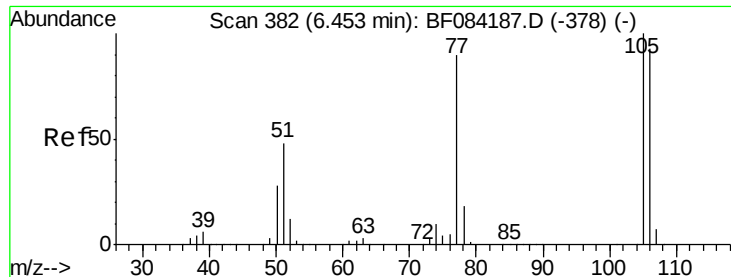


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.55 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.04 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

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ClientSampleId :

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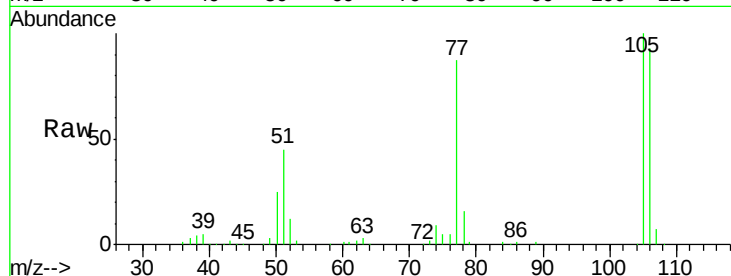
Tgt Ion: 77 Resp: 149344

Ion Ratio Lower Upper

77 100

105 114.5 83.0 123.0

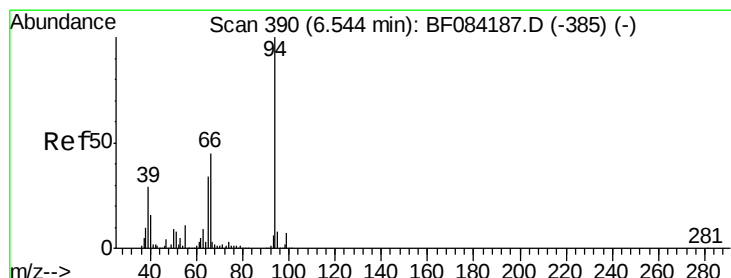
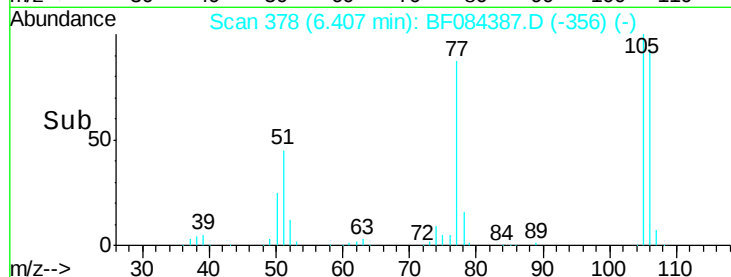
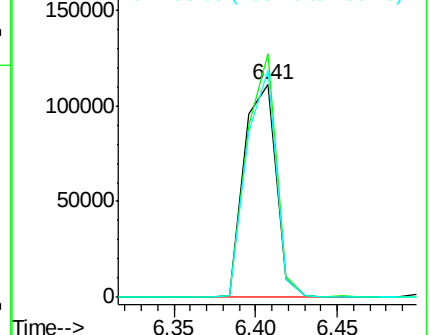
106 106.9 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.73 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

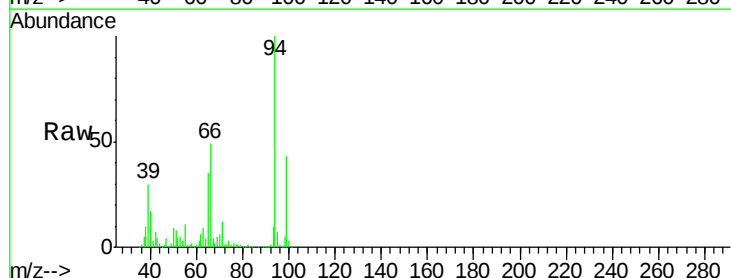
Tgt Ion: 94 Resp: 763129

Ion Ratio Lower Upper

94 100

65 35.1 12.9 52.9

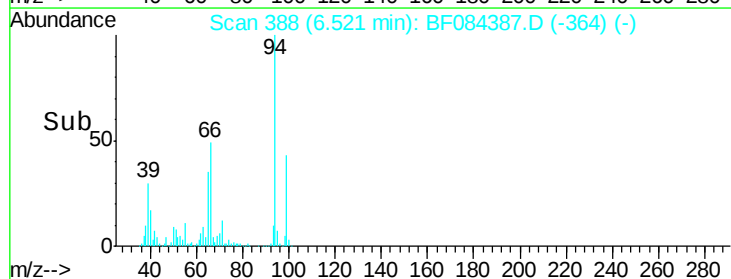
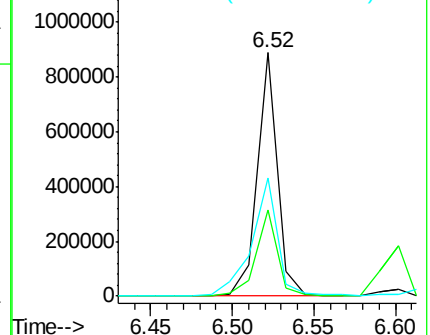
66 48.8 32.7 72.7



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





#11

bis(2-Chloroethyl)ether

Concen: 45.06 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

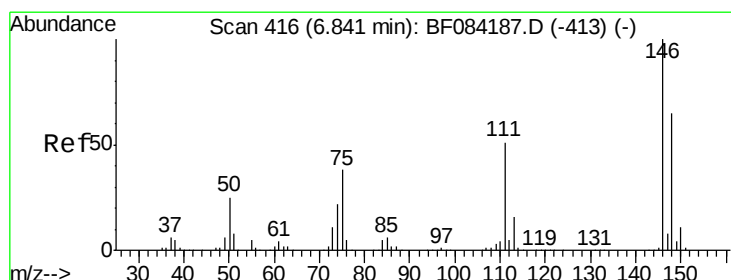
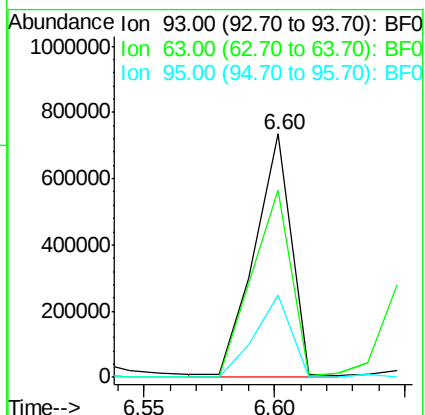
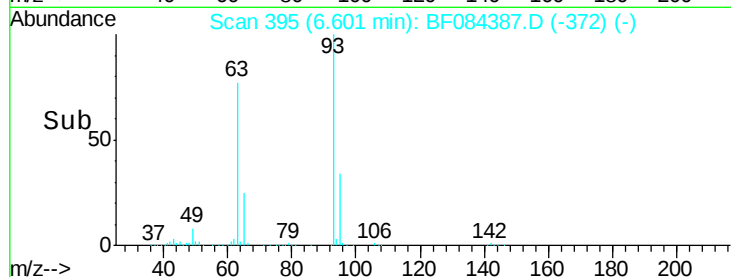
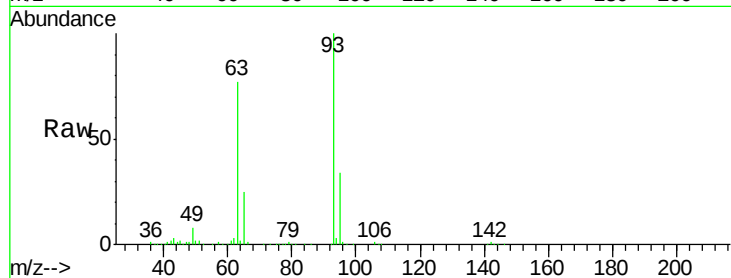
Tgt Ion: 93 Resp: 725118

Ion Ratio Lower Upper

93 100

63 76.7 45.9 85.9

95 33.7 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 41.53 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

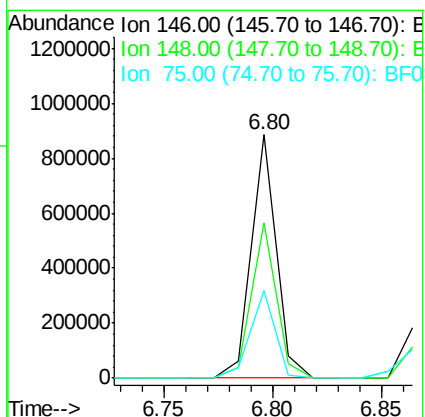
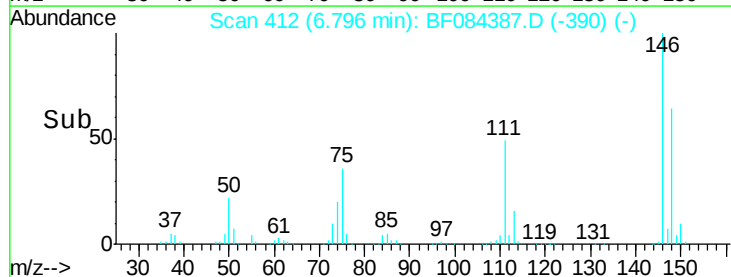
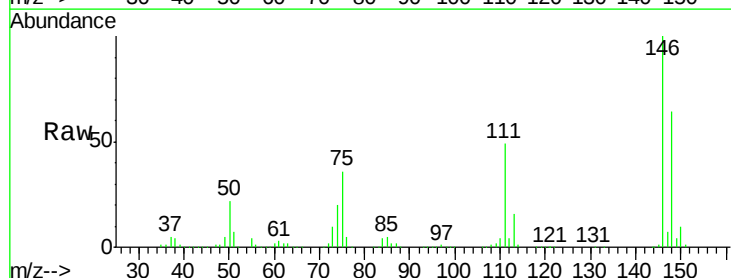
Tgt Ion: 146 Resp: 707164

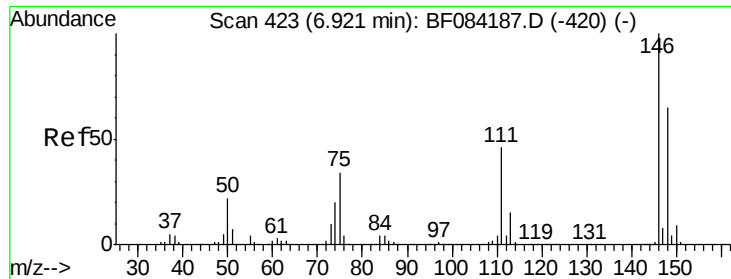
Ion Ratio Lower Upper

146 100

148 63.6 51.9 77.9

75 35.9 20.5 30.7#

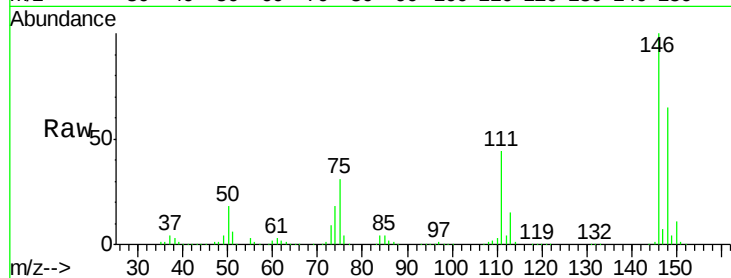




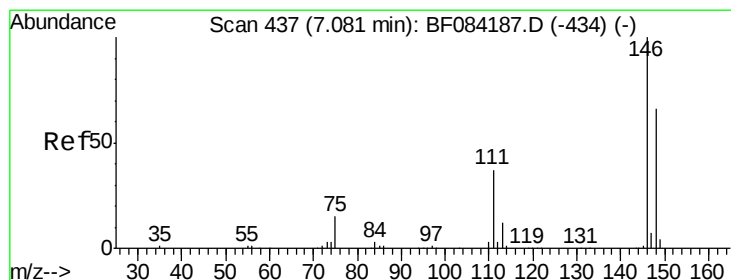
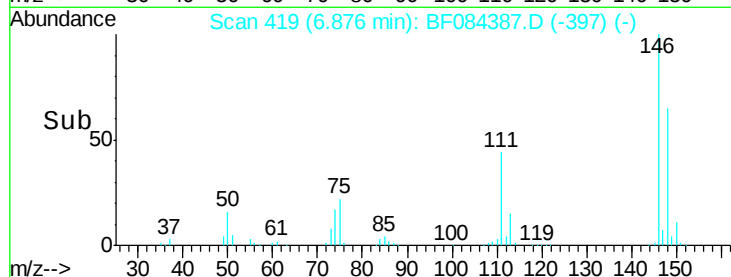
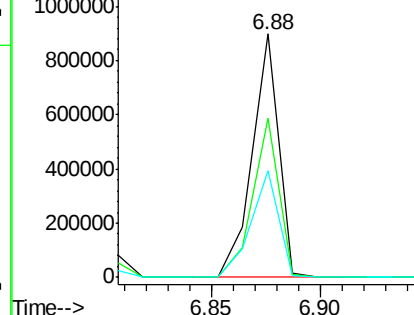
#13
 1,4-Dichlorobenzene
 Concen: 44.20 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.05 min
 Lab File: BF084387.D
 Acq: 11 Jan 2016 18:44

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

Tgt Ion:146 Resp: 754705
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.9 77.9
 111 43.8 41.6 62.4

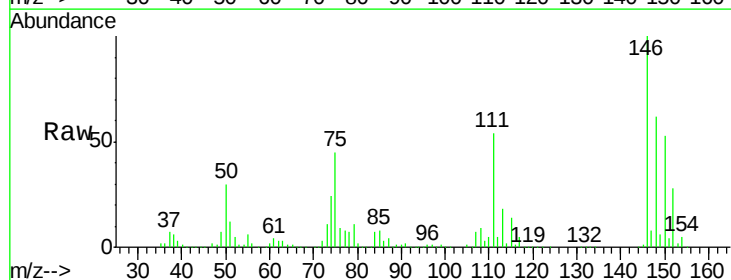


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

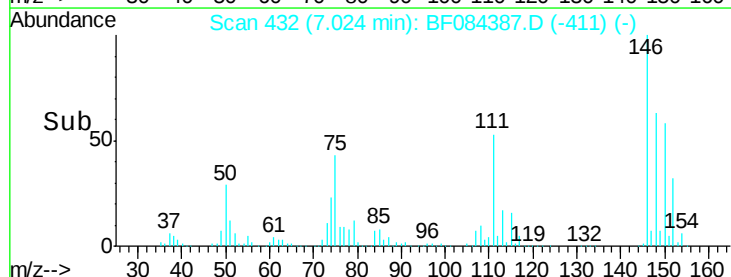
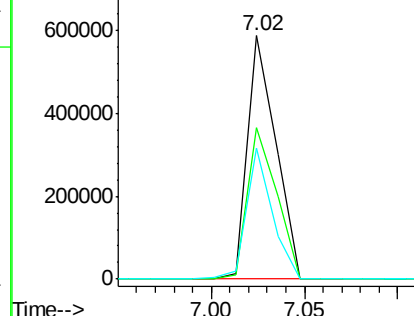


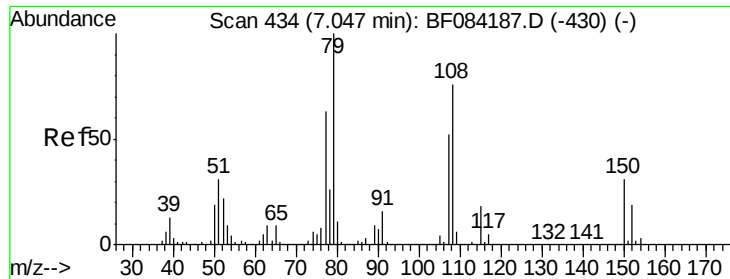
#14
 1,2-Dichlorobenzene
 Concen: 37.78 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.06 min
 Lab File: BF084387.D
 Acq: 11 Jan 2016 18:44

Tgt Ion:146 Resp: 617792
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.6 77.4
 111 53.7 38.0 57.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.54 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

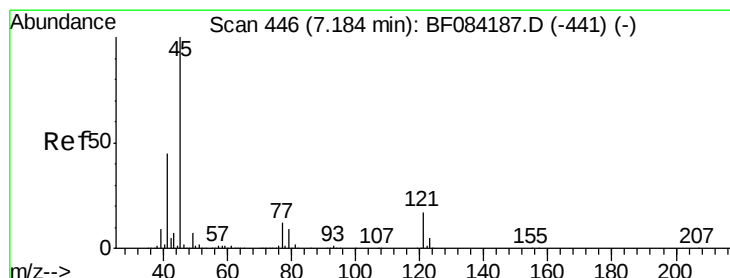
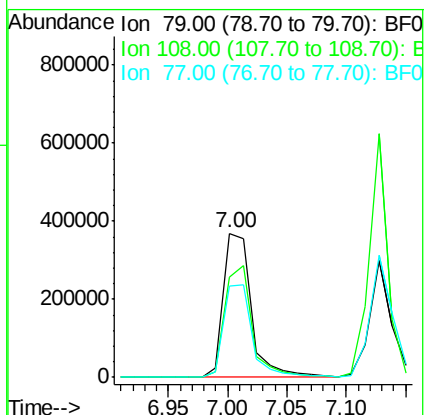
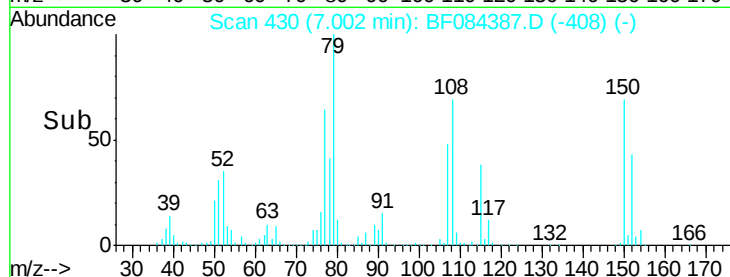
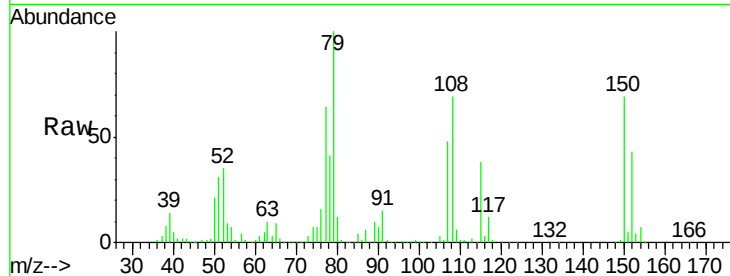
Tgt Ion: 79 Resp: 607832

Ion Ratio Lower Upper

79 100

108 69.2 69.0 103.4

77 63.7 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.12 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

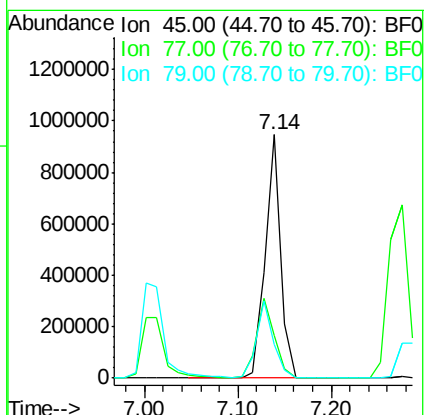
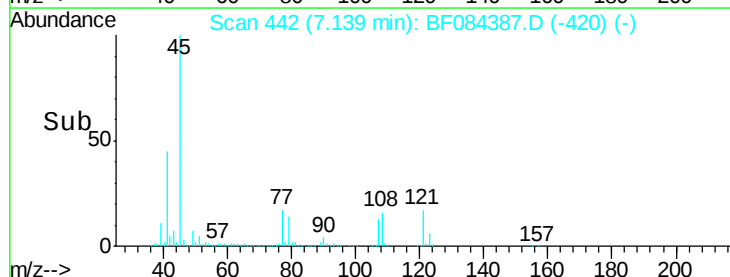
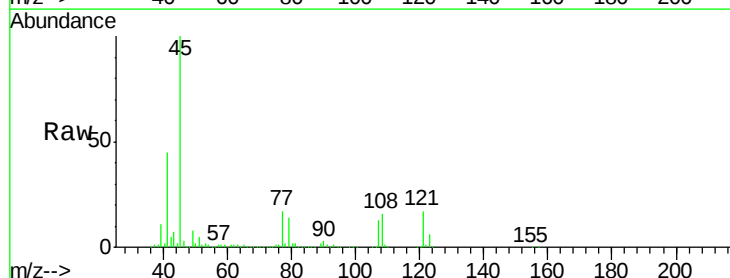
Tgt Ion: 45 Resp: 1087796

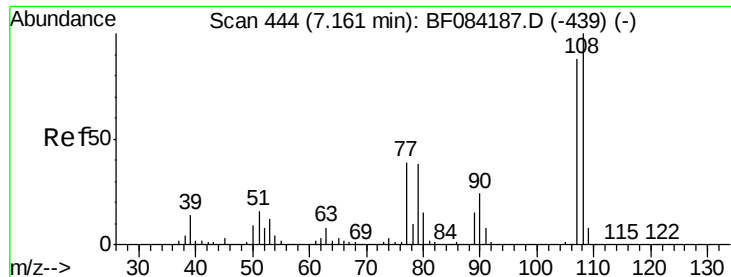
Ion Ratio Lower Upper

45 100

77 17.4 0.0 39.6

79 14.1 0.0 35.0

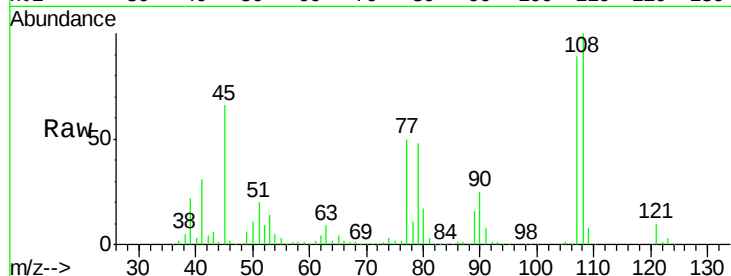




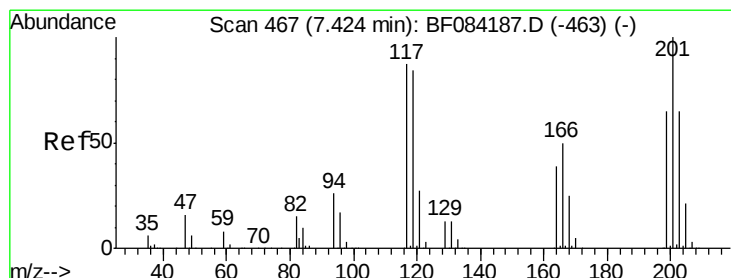
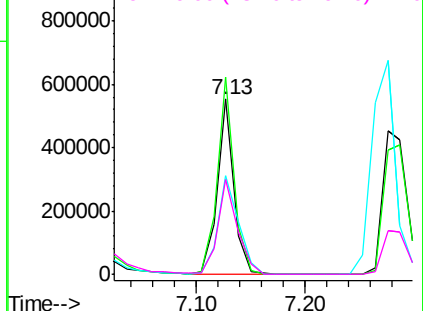
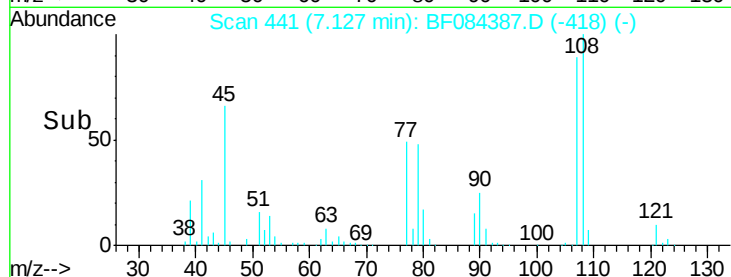
#17
2-Methylphenol
Concen: 42.41 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.03 min
Lab File: BF084387.D
Acq: 11 Jan 2016 18:44

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

Tgt Ion:107 Resp: 586678
Ion Ratio Lower Upper
107 100
108 112.6 89.8 134.6
77 56.4 35.7 53.5#
79 54.0 35.7 53.5#

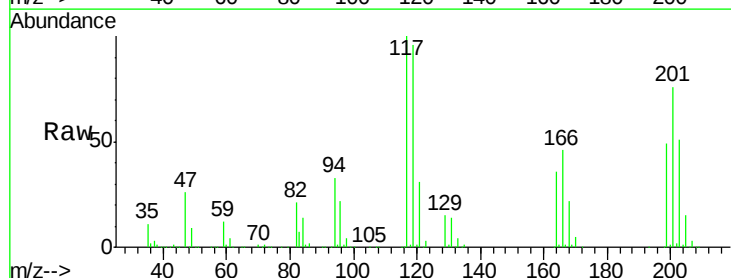


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

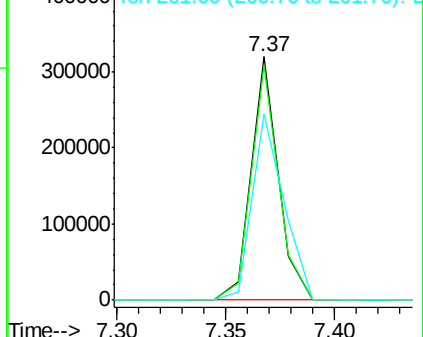
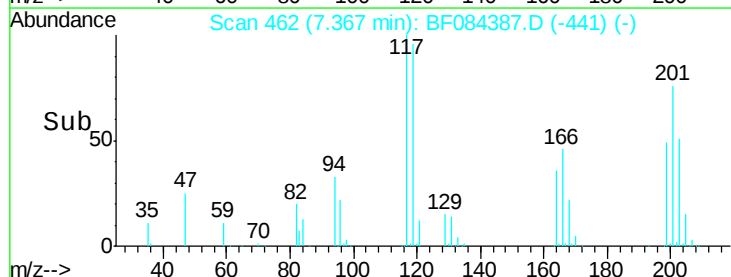


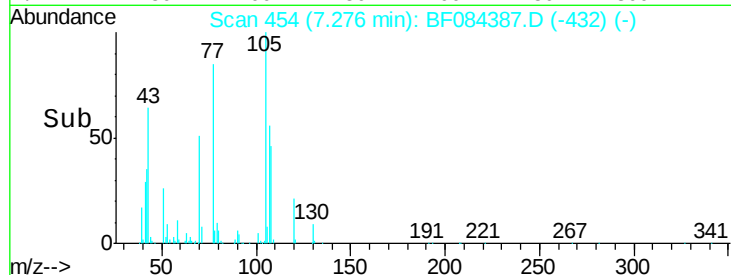
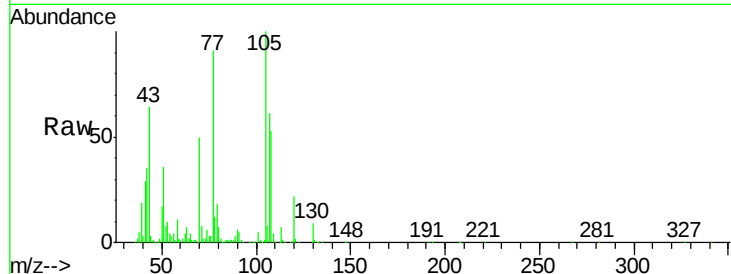
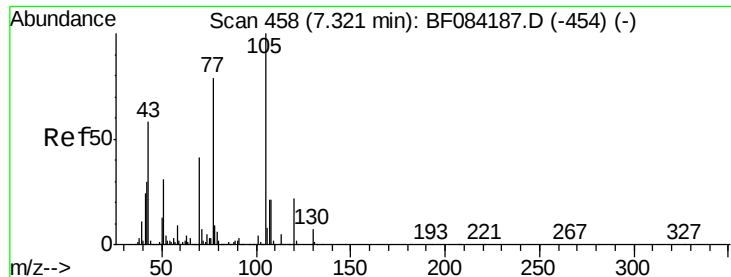
#18
Hexachloroethane
Concen: 40.36 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF084387.D
Acq: 11 Jan 2016 18:44

Tgt Ion:117 Resp: 275557
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.0
201 76.4 68.6 103.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

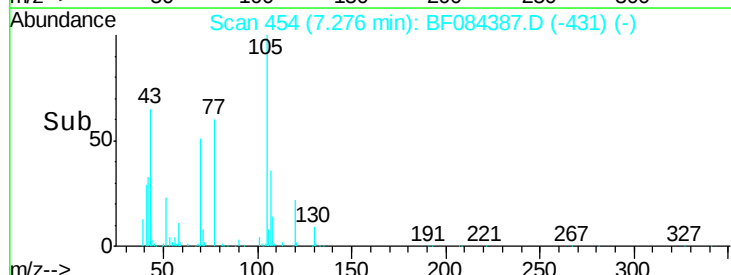
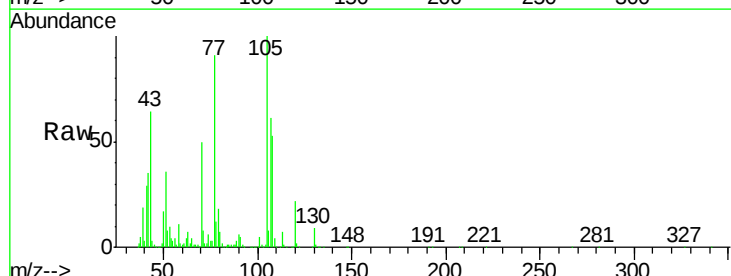
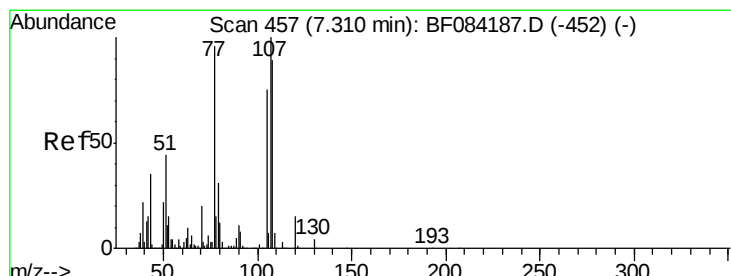
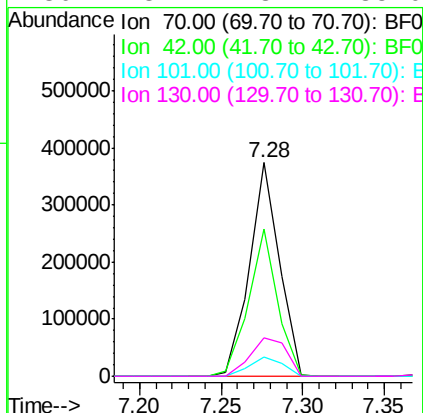




#19
n-Nitroso-di-n-propylamine
Concen: 38.50 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF084387.D
Acq: 11 Jan 2016 18:44

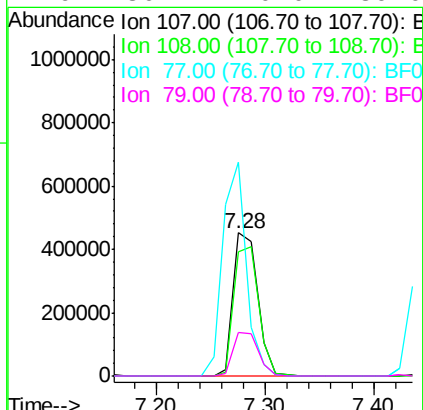
Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:	70	Resp:	476181
Ion	Ratio	Lower	Upper
70	100		
42	69.2	33.3	49.9#
101	9.3	9.3	13.9#
130	18.2	23.4	35.0#



#20
3+4-Methylphenols
Concen: 42.98 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF084387.D
Acq: 11 Jan 2016 18:44

Tgt Ion:	107	Resp:	698888
Ion	Ratio	Lower	Upper
107	100		
108	86.4	74.6	114.6
77	149.1	0.7	40.7#
79	30.2	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:136 Resp: 1019015

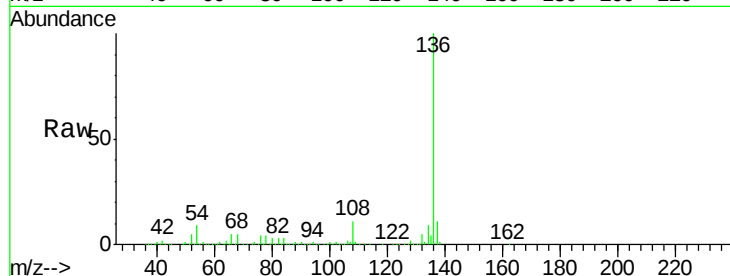
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.9 5.8 8.8#

68 4.6 4.2 6.2

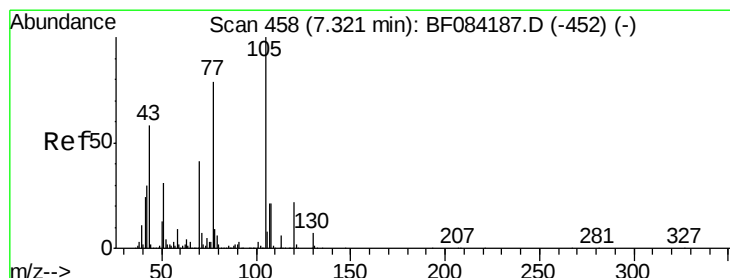
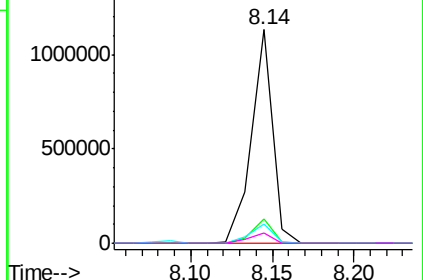
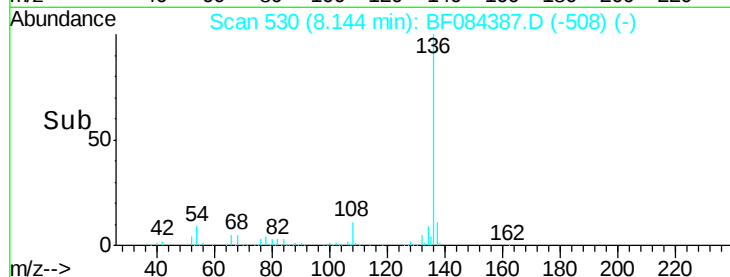


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 41.88 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Tgt Ion:105 Resp: 1026198

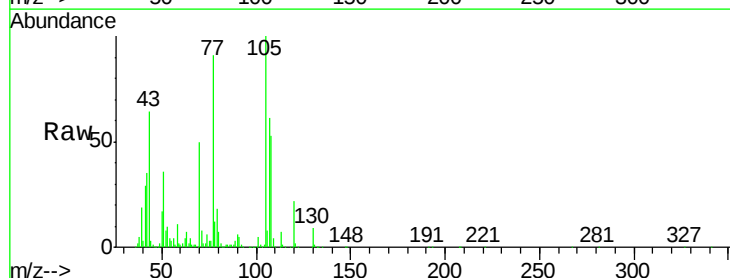
Ion Ratio Lower Upper

105 100

71 8.2 3.7 5.5#

51 35.7 25.1 37.7

120 21.5 16.6 25.0

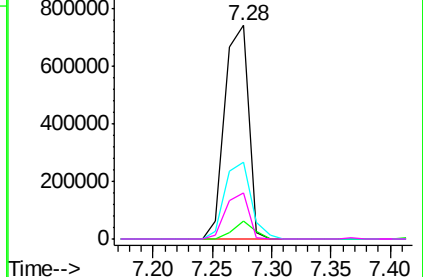
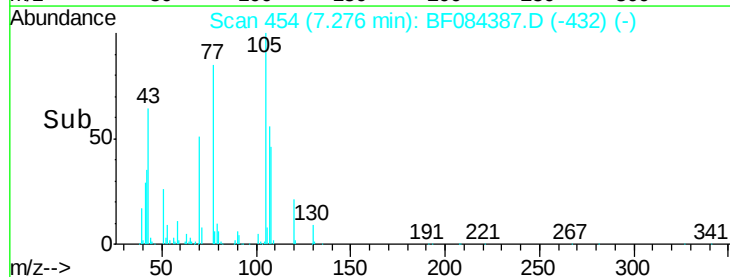


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

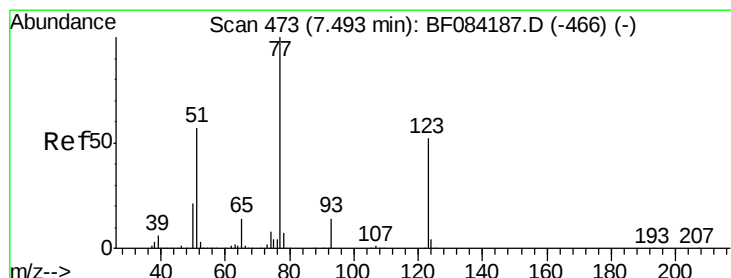
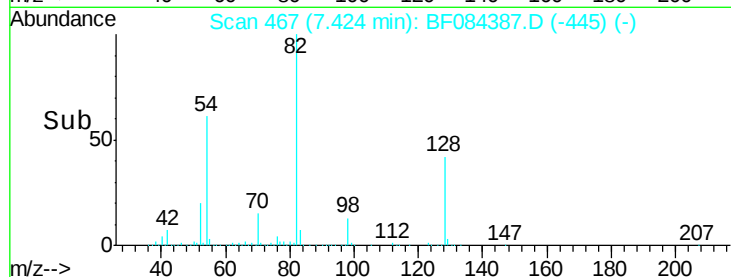
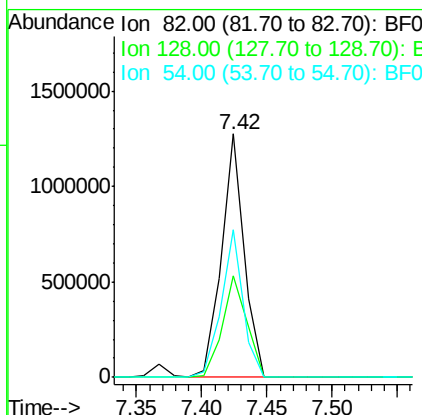
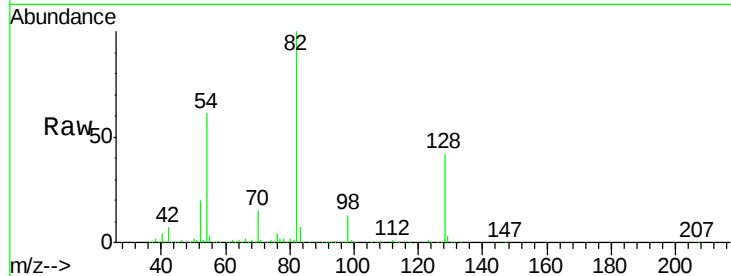




#23
 Nitrobenzene-d5
 Concen: 83.95 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084387.D
 Acq: 11 Jan 2016 18:44

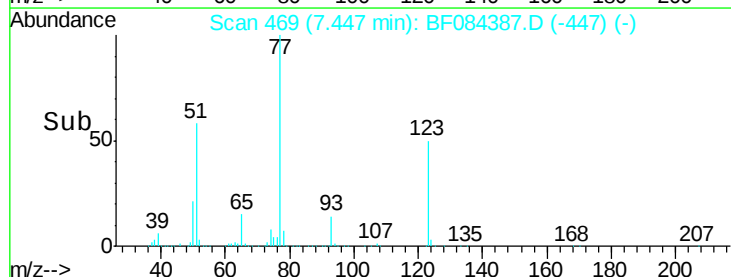
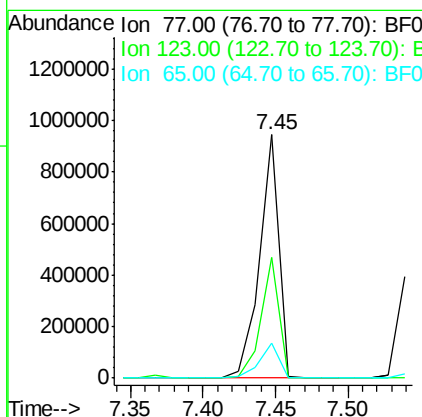
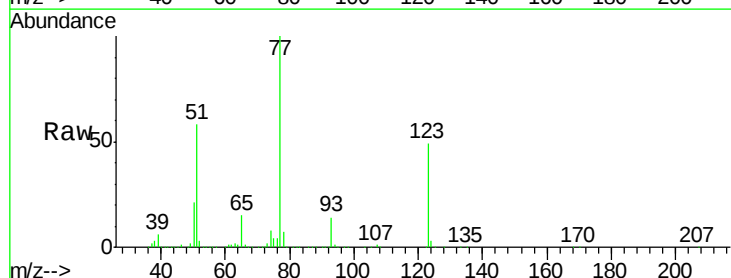
Instrument :
 BNA_F
 ClientSampleId :
 CONTAMINATED-DRUM(1-2)COMP

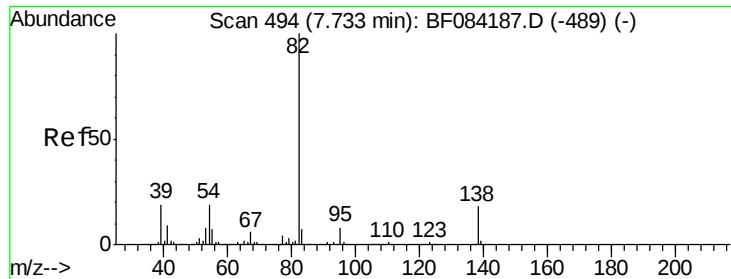
Tgt Ion: 82 Resp: 1537043
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.6 51.8
 54 60.7 38.4 57.6#



#24
 Nitrobenzene
 Concen: 46.42 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.05 min
 Lab File: BF084387.D
 Acq: 11 Jan 2016 18:44

Tgt Ion: 77 Resp: 861949
 Ion Ratio Lower Upper
 77 100
 123 49.5 37.4 56.2
 65 14.6 10.9 16.3





#25

Isophorone

Concen: 40.96 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

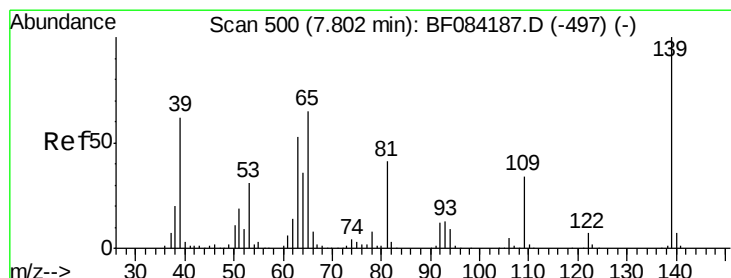
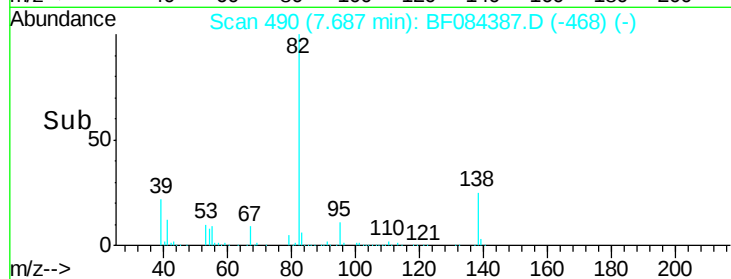
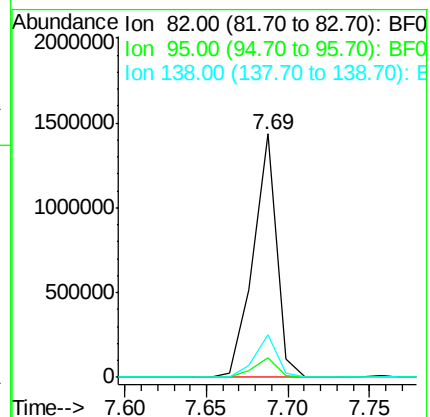
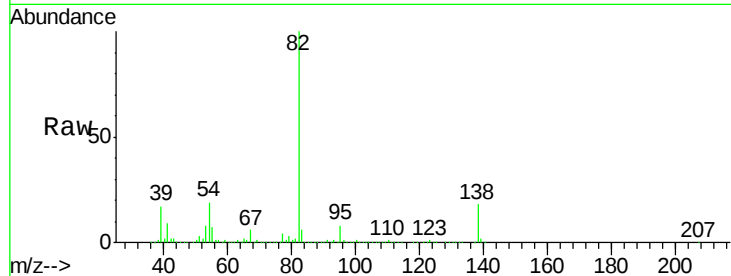
Tgt Ion: 82 Resp: 1434199

Ion Ratio Lower Upper

82 100

95 7.9 6.6 10.0

138 17.7 13.6 20.4



#26

2-Nitrophenol

Concen: 42.62 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

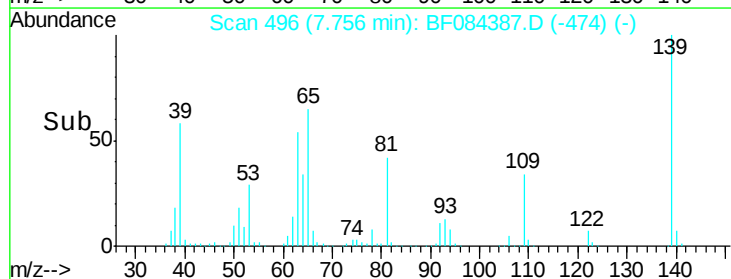
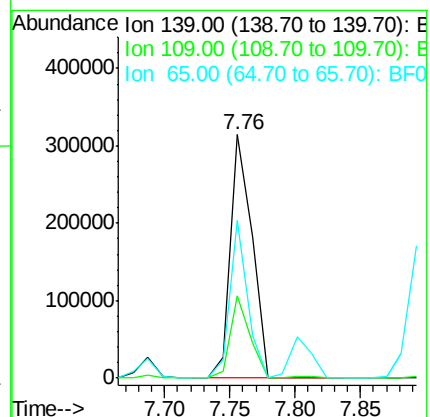
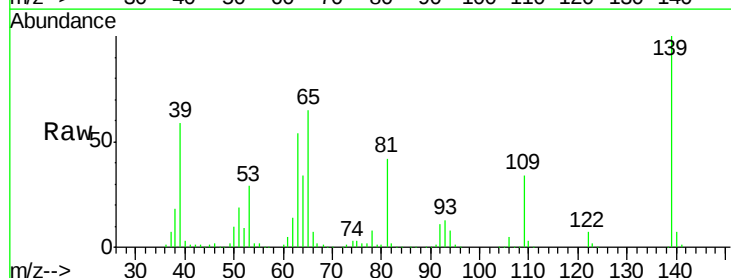
Tgt Ion: 139 Resp: 360251

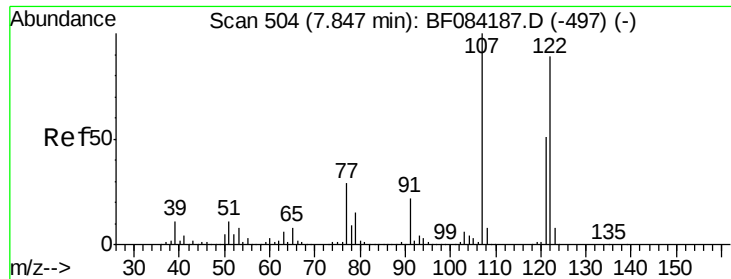
Ion Ratio Lower Upper

139 100

109 33.9 25.4 38.2

65 64.8 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 37.90 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

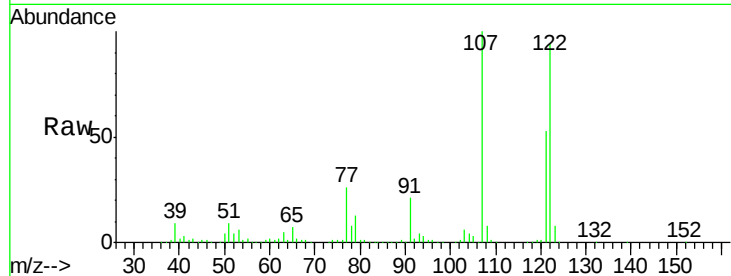
Tgt Ion:122 Resp: 648317

Ion Ratio Lower Upper

122 100

107 106.3 99.1 148.7

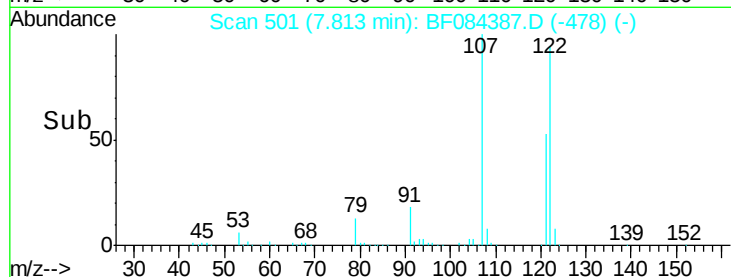
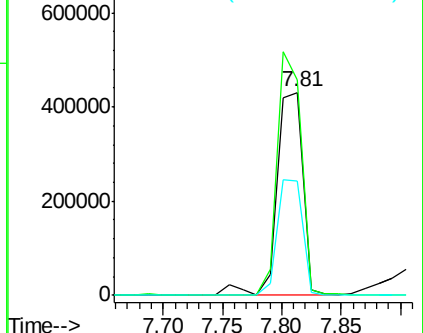
121 56.1 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.42 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

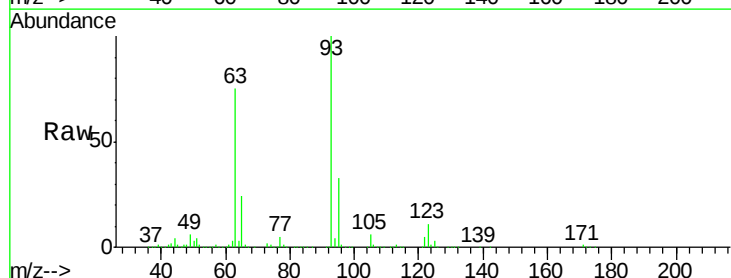
Tgt Ion: 93 Resp: 821739

Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.6

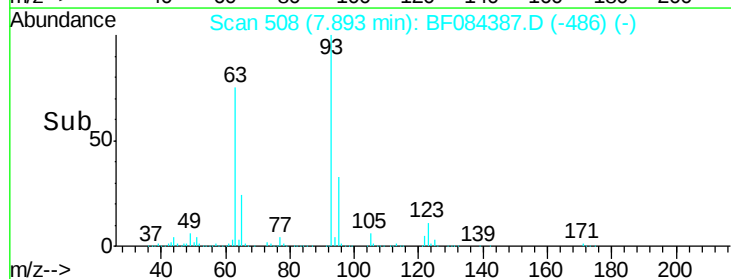
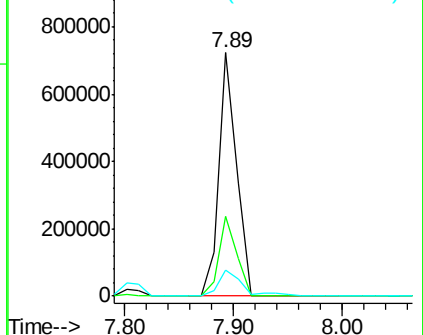
123 10.5 8.6 12.8

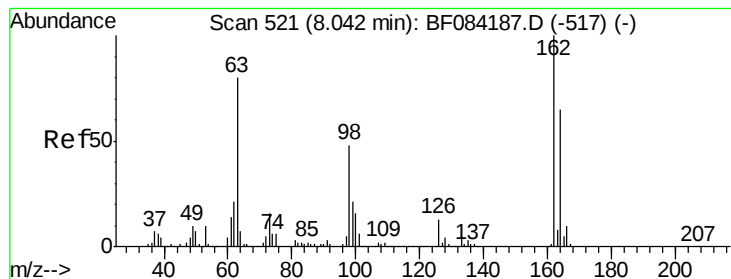


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.40 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

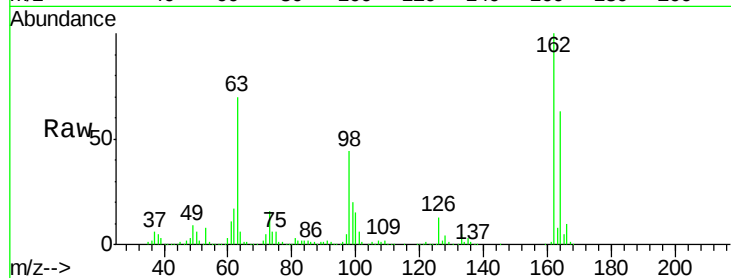
Tgt Ion:162 Resp: 589928

Ion Ratio Lower Upper

162 100

164 63.4 44.1 84.1

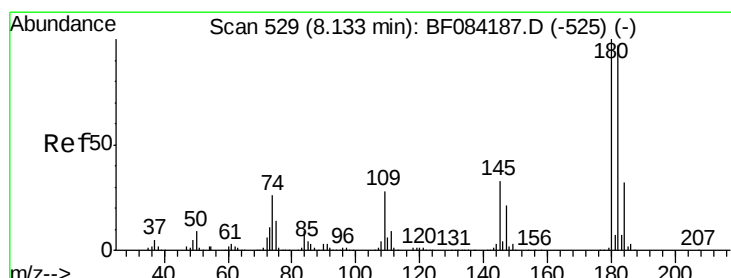
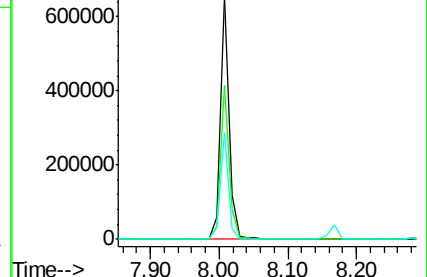
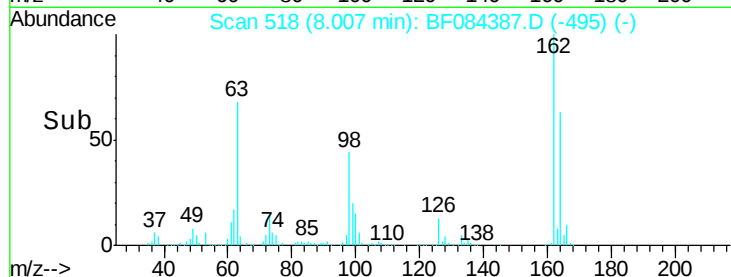
98 43.8 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30

1,2,4-Trichlorobenzene

Concen: 43.76 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

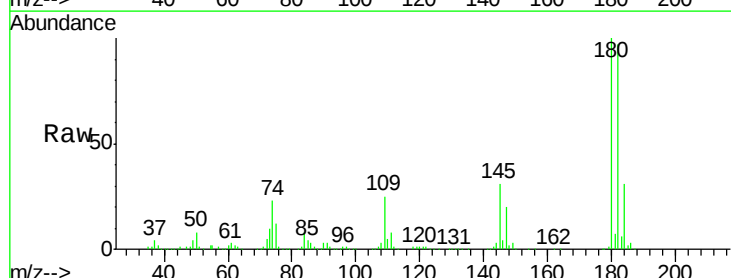
Tgt Ion:180 Resp: 643732

Ion Ratio Lower Upper

180 100

182 96.8 76.4 114.6

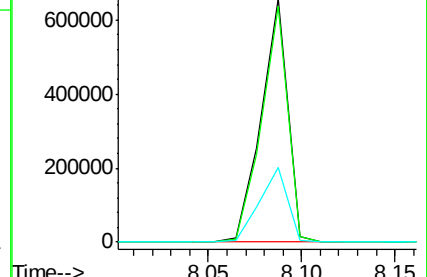
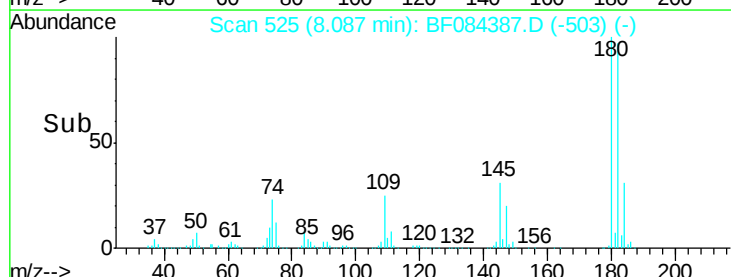
145 30.8 31.6 47.4#

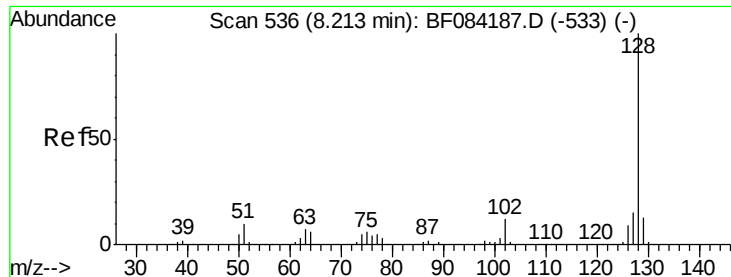


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

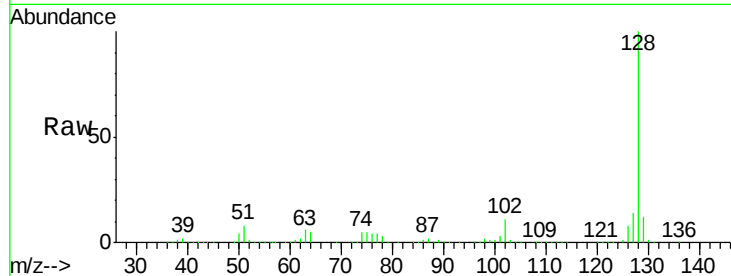




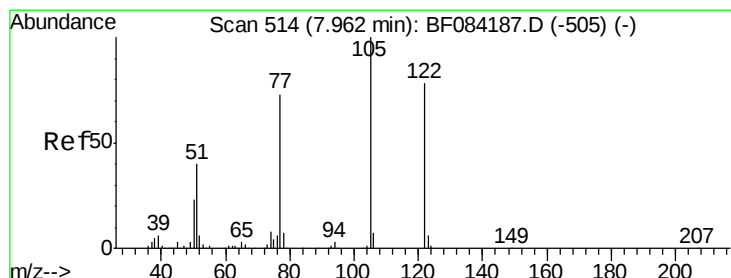
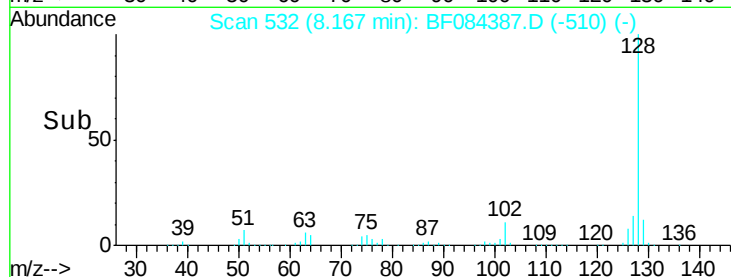
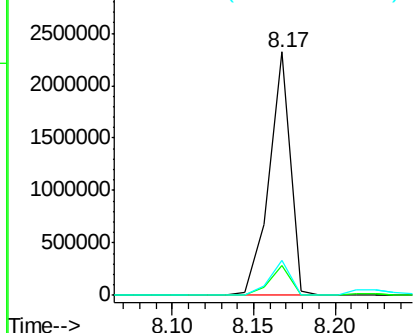
#31
Naphthalene
Concen: 45.47 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF084387.D
Acq: 11 Jan 2016 18:44

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

Tgt Ion:128 Resp: 2102323
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 14.5 11.1 16.7

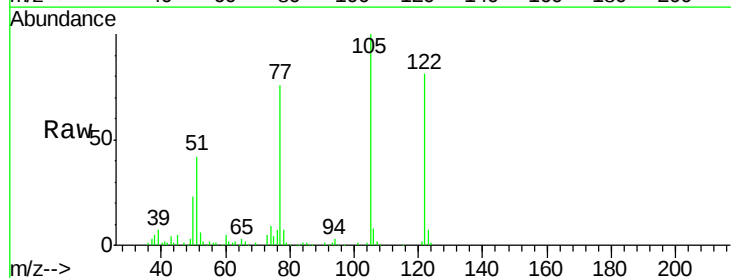


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

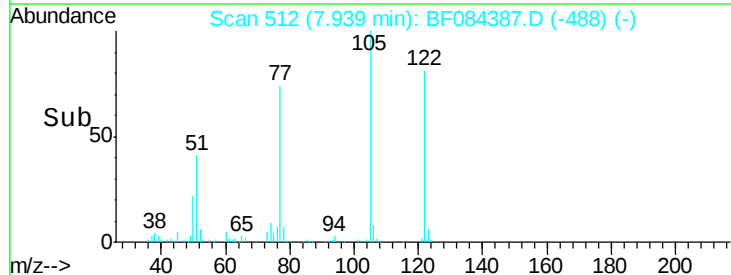
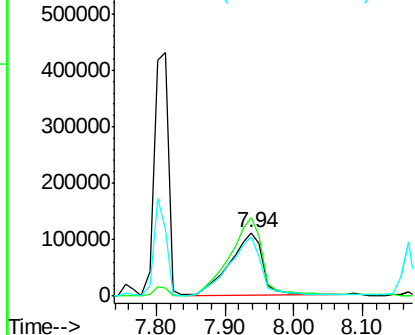


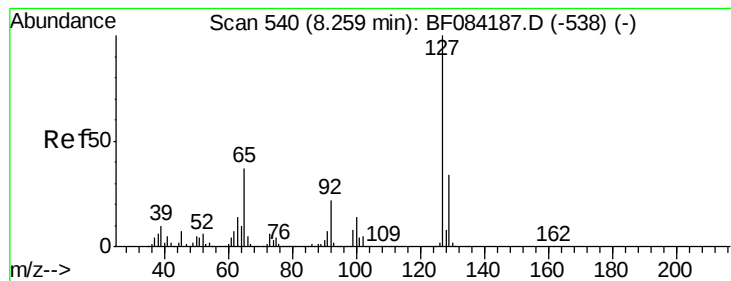
#32
Benzoic acid
Concen: 35.70 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.02 min
Lab File: BF084387.D
Acq: 11 Jan 2016 18:44

Tgt Ion:122 Resp: 372643
Ion Ratio Lower Upper
122 100
105 123.8 100.3 140.3
77 93.9 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 5.56 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:127 Resp: 117897

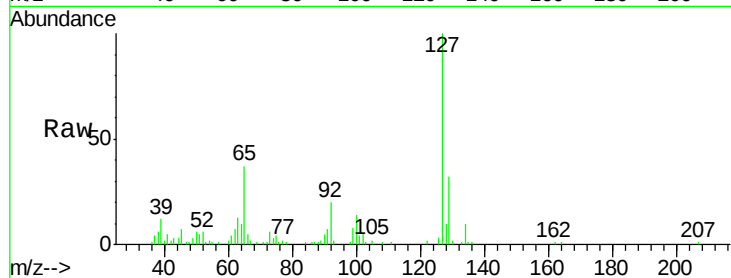
Ion Ratio Lower Upper

127 100

129 31.6 26.5 39.7

65 36.6 27.2 40.8

92 19.8 17.7 26.5

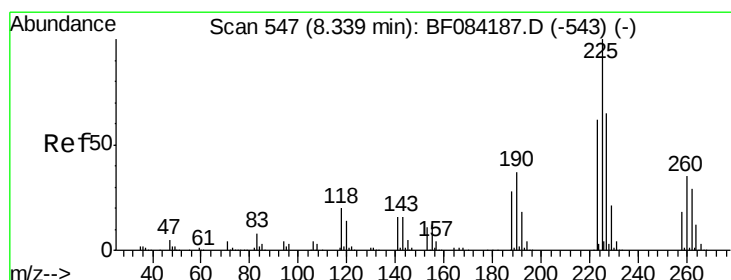
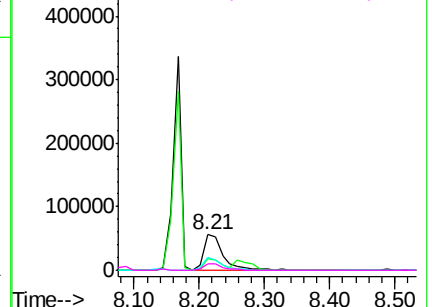
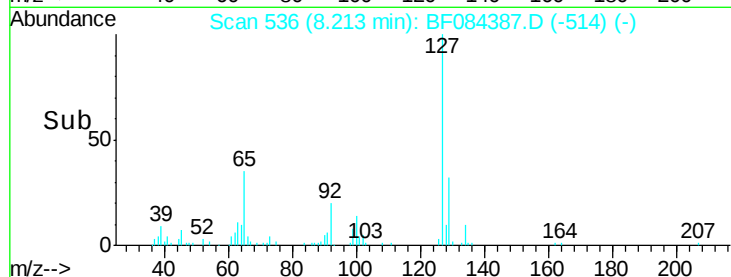


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.07 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.06 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

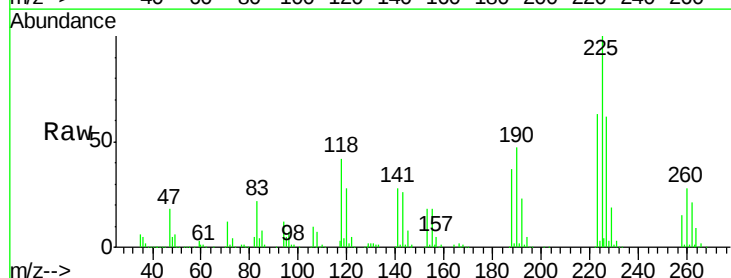
Tgt Ion:225 Resp: 347284

Ion Ratio Lower Upper

225 100

223 63.0 49.4 74.0

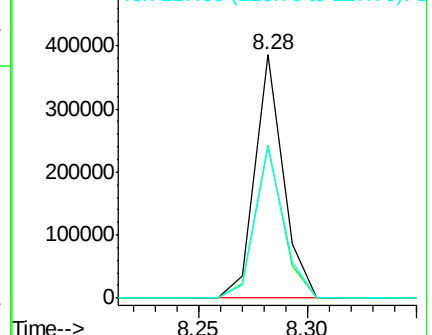
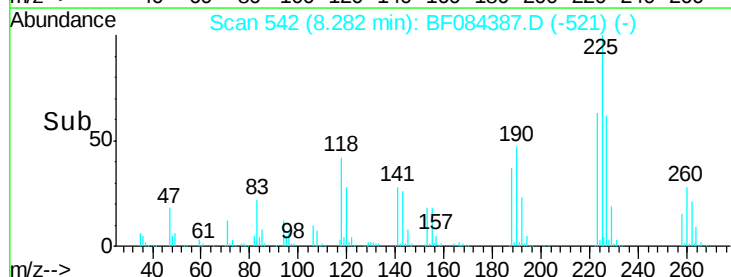
227 62.3 50.8 76.2

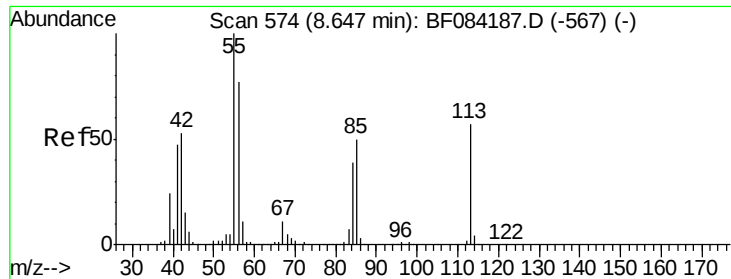


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

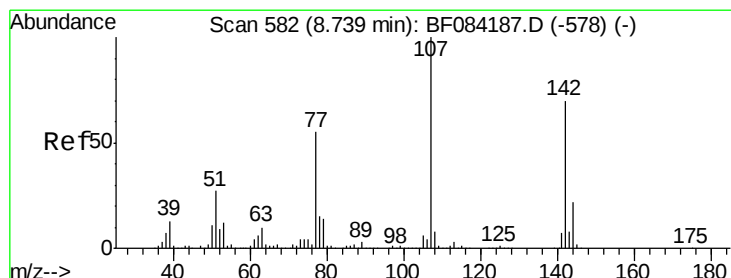
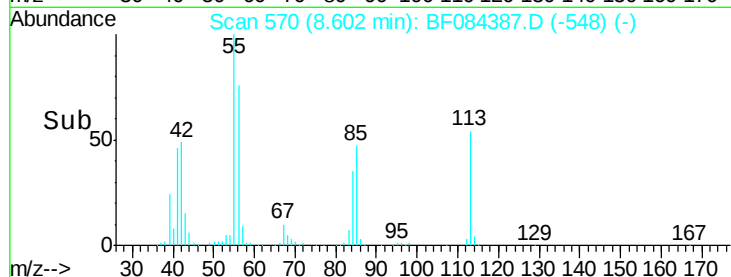
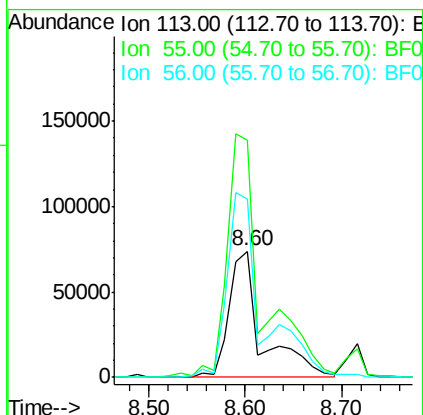
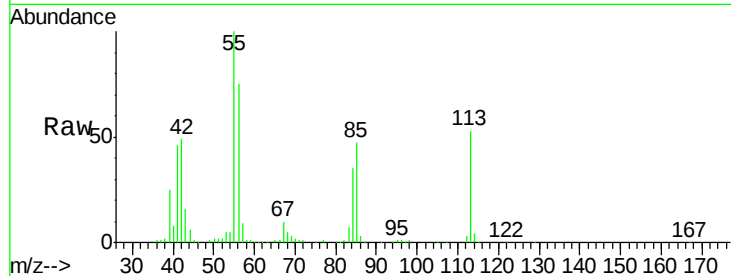




#35
 Caprolactam
 Concen: 36.30 ng m
 RT: 8.60 min Scan# 570
 Delta R.T. -0.05 min
 Lab File: BF084387.D
 Acq: 11 Jan 2016 18:44

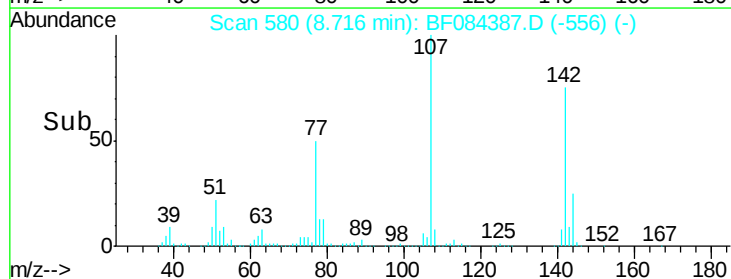
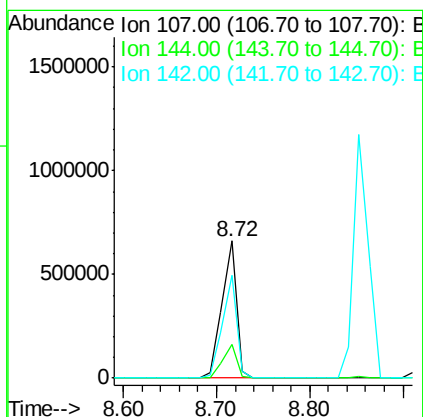
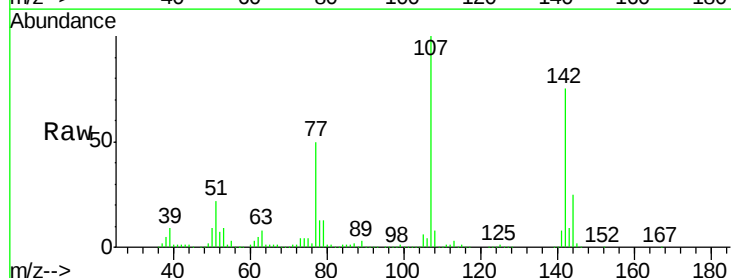
Instrument :
 BNA_F
 ClientSampleId :
 CONTAMINATED-DRUM(1-2)COMP

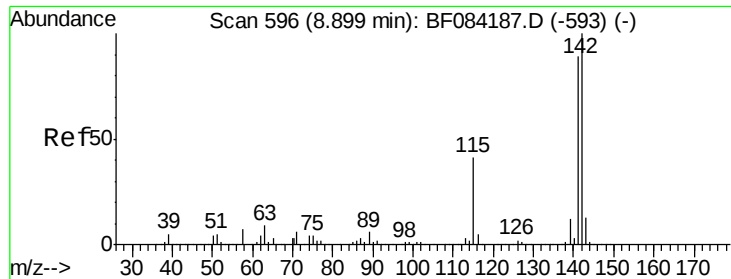
Tgt Ion:113 Resp: 174392
 Ion Ratio Lower Upper
 113 100
 55 187.5 116.9 156.9#
 56 140.9 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 45.03 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.02 min
 Lab File: BF084387.D
 Acq: 11 Jan 2016 18:44

Tgt Ion:107 Resp: 718806
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.7 29.5
 142 75.4 61.8 92.6

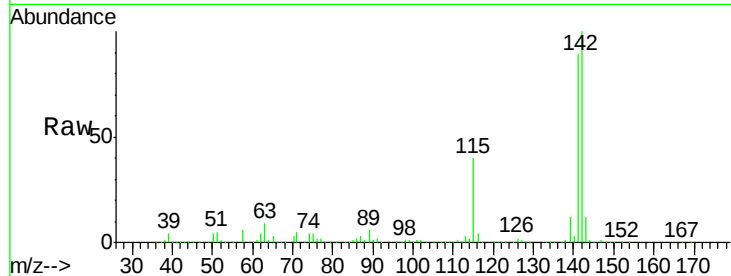




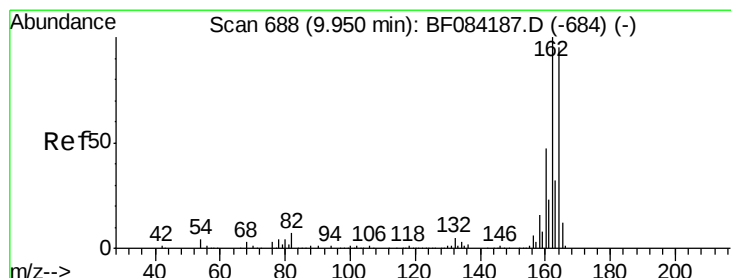
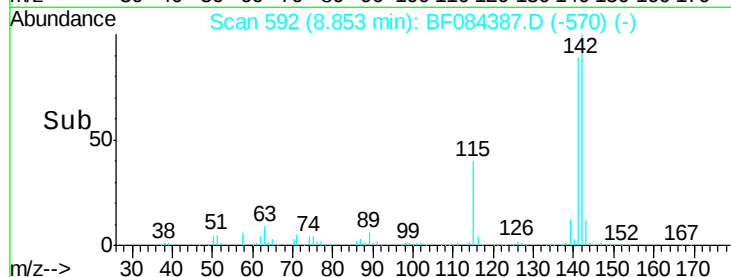
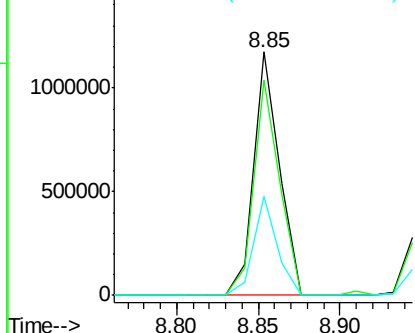
#37
2-Methylnaphthalene
Concen: 38.59 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.05 min
Lab File: BF084387.D
Acq: 11 Jan 2016 18:44

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

Tgt Ion:142 Resp: 1280776
Ion Ratio Lower Upper
142 100
141 88.7 72.4 108.6
115 40.4 27.9 41.9

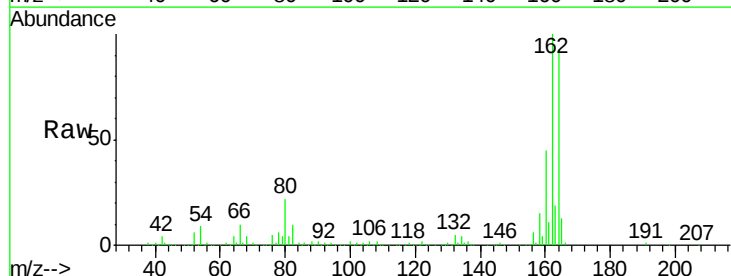


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

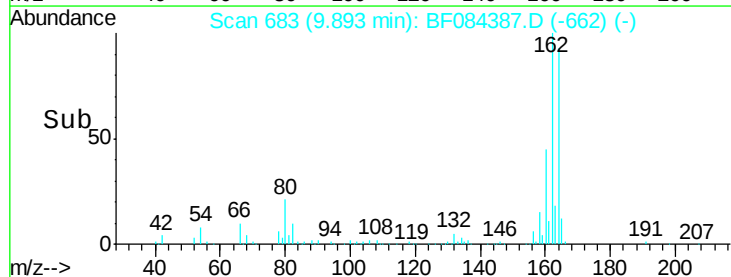
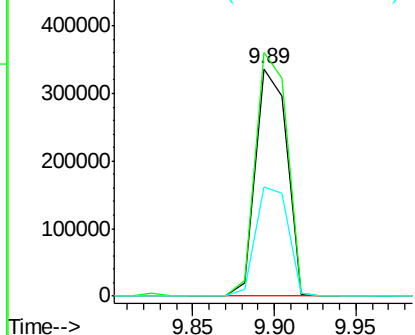


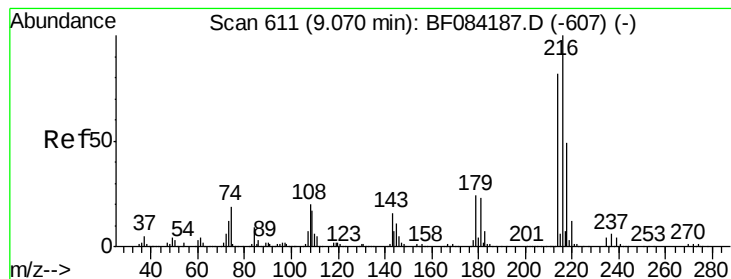
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF084387.D
Acq: 11 Jan 2016 18:44

Tgt Ion:164 Resp: 450143
Ion Ratio Lower Upper
164 100
162 107.1 85.1 127.7
160 48.0 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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.82 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:216 Resp: 605873

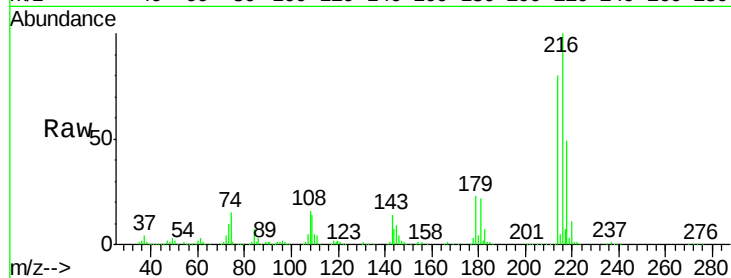
Ion Ratio Lower Upper

216 100

214 80.4 64.2 96.2

179 24.0 18.7 28.1

108 21.6 16.8 25.2

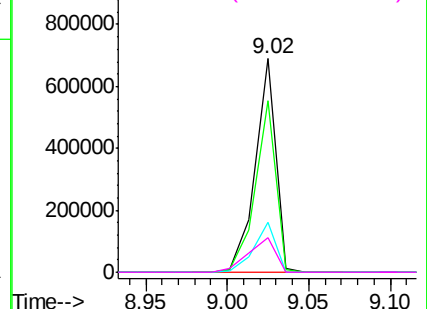
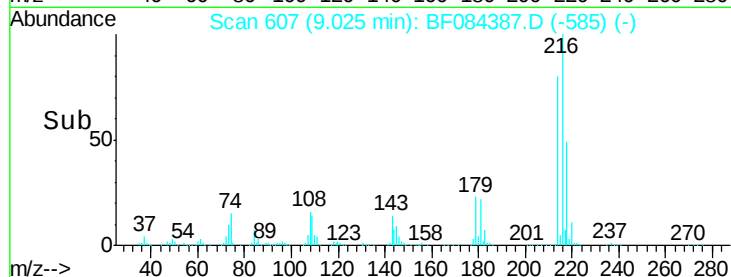


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 44.01 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

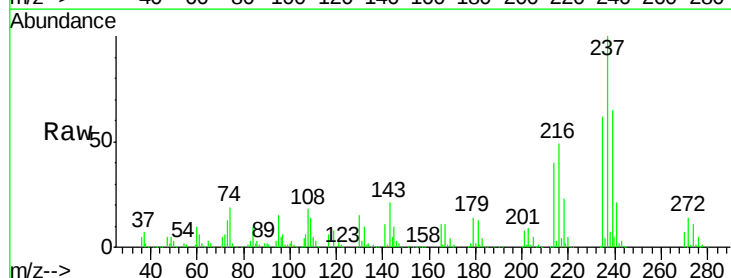
Tgt Ion:237 Resp: 343842

Ion Ratio Lower Upper

237 100

235 62.1 43.1 83.1

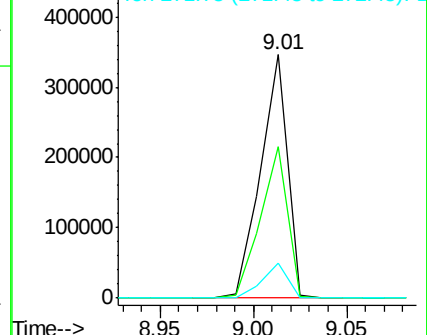
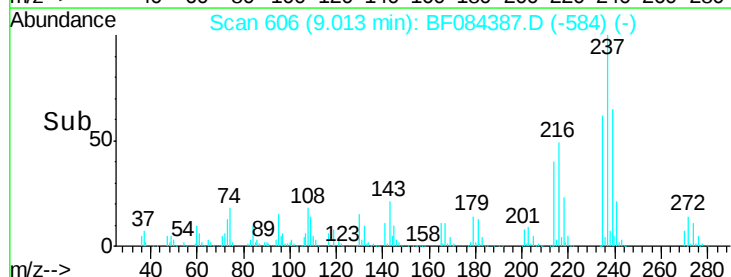
272 14.2 0.0 35.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

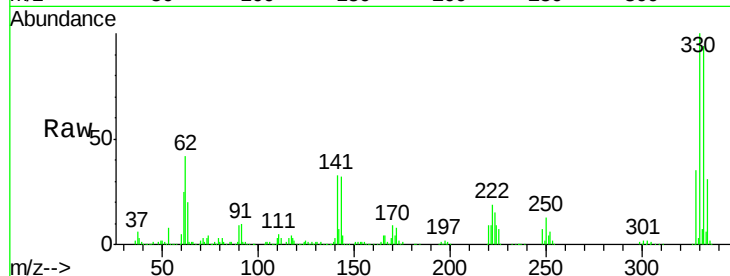




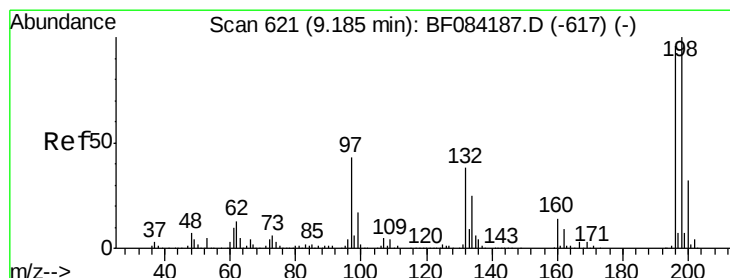
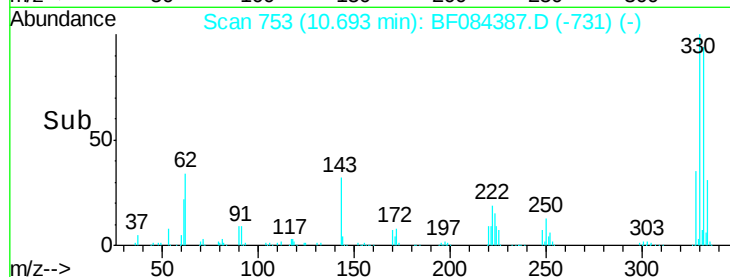
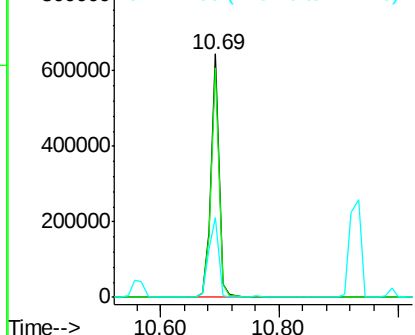
#41
 2,4,6-Tribromophenol
 Concen: 133.43 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084387.D
 Acq: 11 Jan 2016 18:44

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

Tgt Ion:330 Resp: 606380
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 114.8
 141 40.3 27.8 41.6

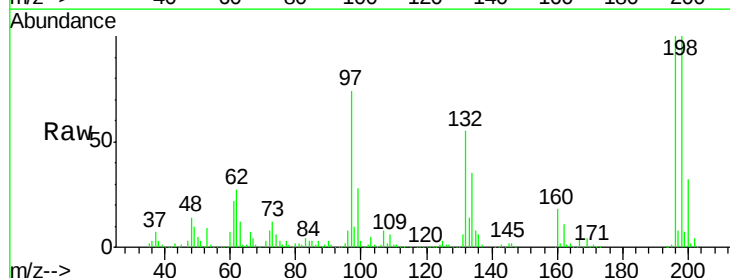


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

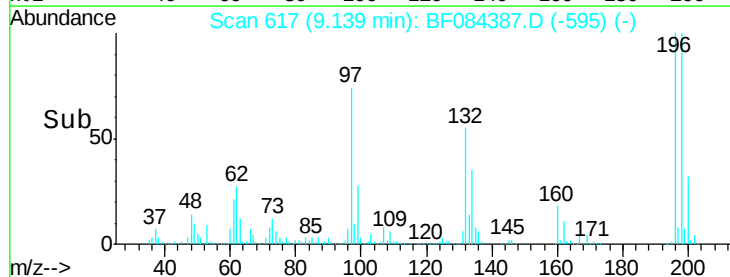
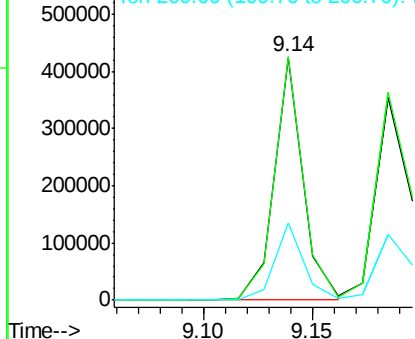


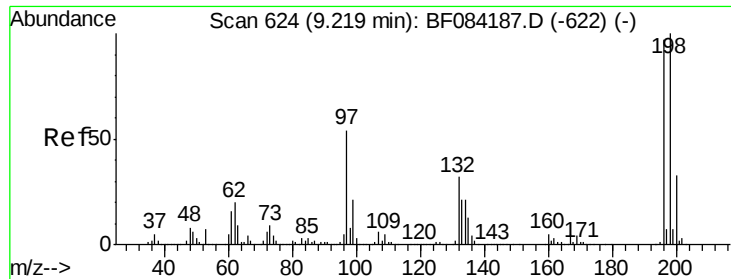
#42
 2,4,6-Trichlorophenol
 Concen: 40.79 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.05 min
 Lab File: BF084387.D
 Acq: 11 Jan 2016 18:44

Tgt Ion:196 Resp: 394918
 Ion Ratio Lower Upper
 196 100
 198 100.3 77.7 116.5
 200 31.8 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

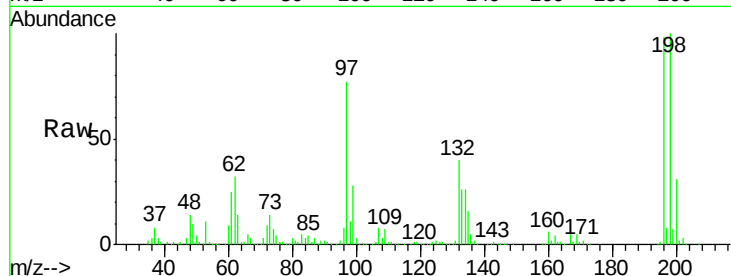




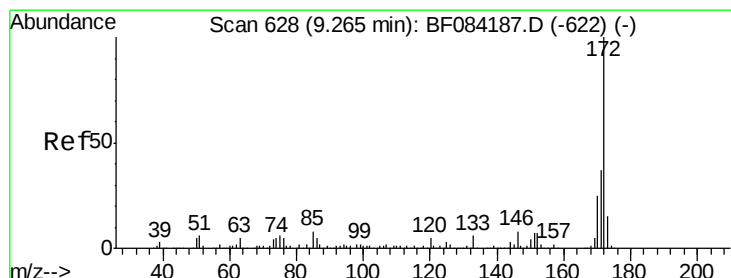
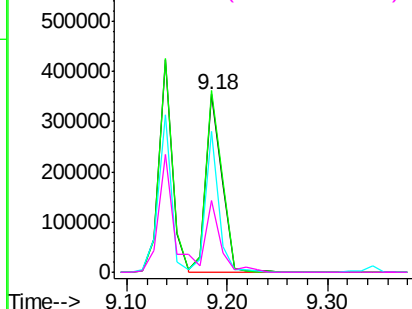
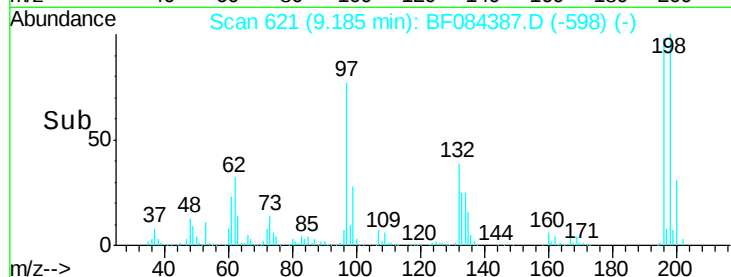
#43
 2,4,5-Trichlorophenol
 Concen: 42.23 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF084387.D
 Acq: 11 Jan 2016 18:44

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

Tgt Ion:196 Resp: 391969
 Ion Ratio Lower Upper
 196 100
 198 102.5 79.0 118.6
 97 79.4 33.0 49.6#
 132 40.6 21.1 31.7#

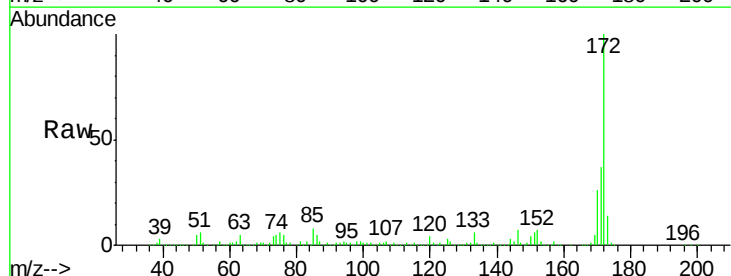


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

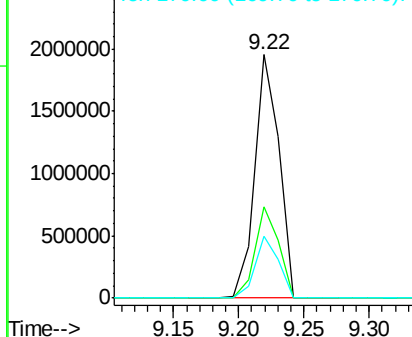
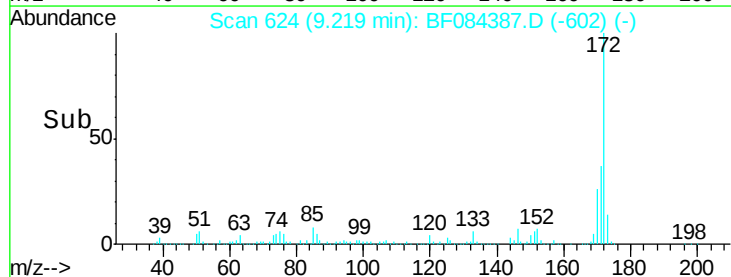


#44
 2-Fluorobiphenyl
 Concen: 99.92 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084387.D
 Acq: 11 Jan 2016 18:44

Tgt Ion:172 Resp: 2528390
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.9 43.3
 170 25.5 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





#45

1,1'-Biphenyl

Concen: 43.48 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

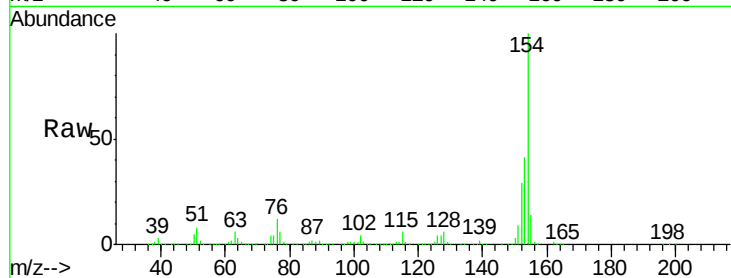
Tgt Ion:154 Resp: 1555383

Ion Ratio Lower Upper

154 100

153 41.5 21.6 61.6

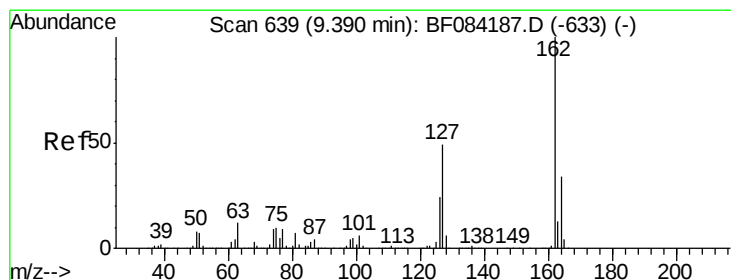
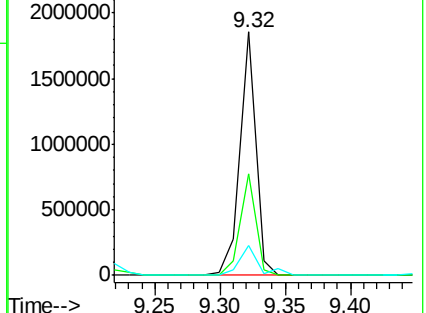
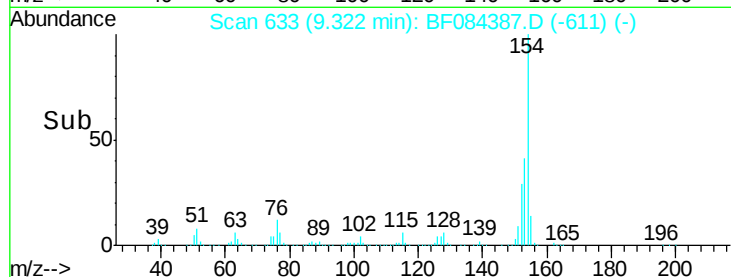
76 12.3 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.37 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

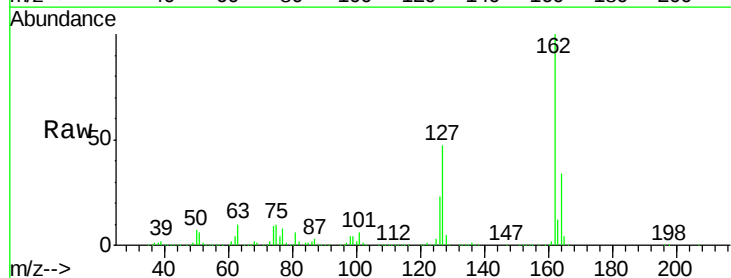
Tgt Ion:162 Resp: 1162474

Ion Ratio Lower Upper

162 100

127 47.2 40.2 60.4

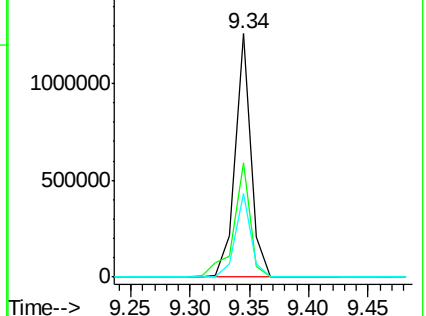
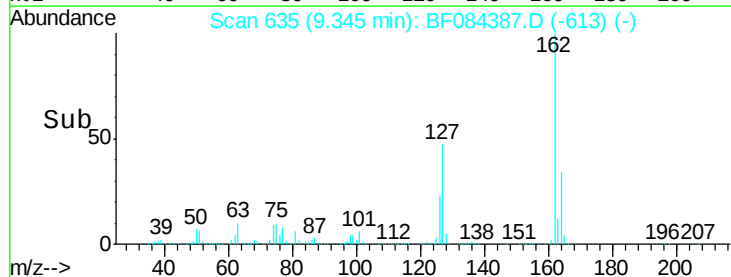
164 34.3 25.7 38.5

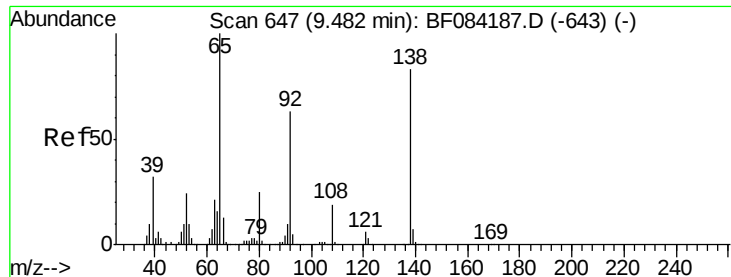


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 51.21 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

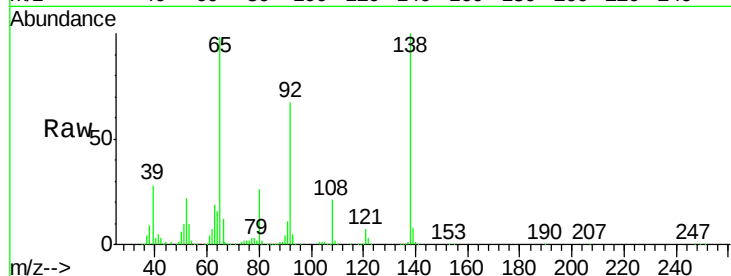
Tgt Ion: 65 Resp: 474931

Ion Ratio Lower Upper

65 100

92 68.5 53.4 80.2

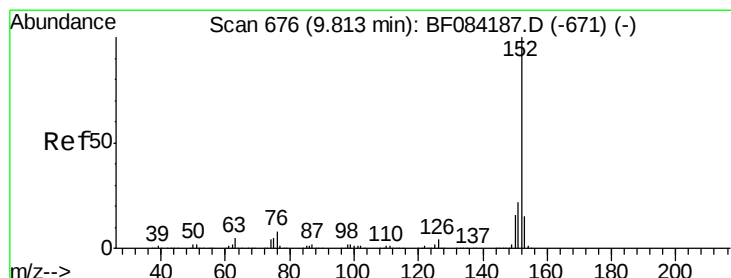
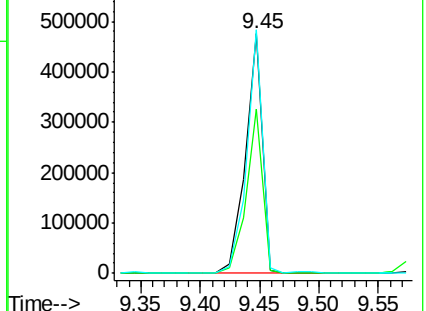
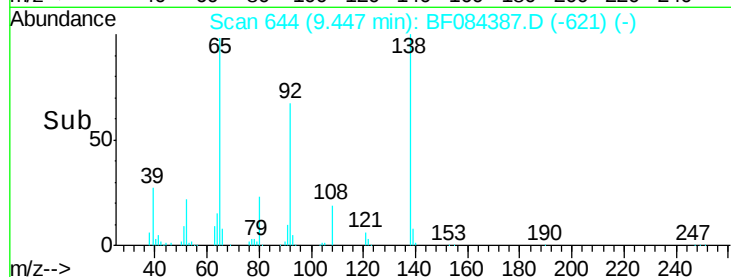
138 101.7 71.1 106.7



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 45.07 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

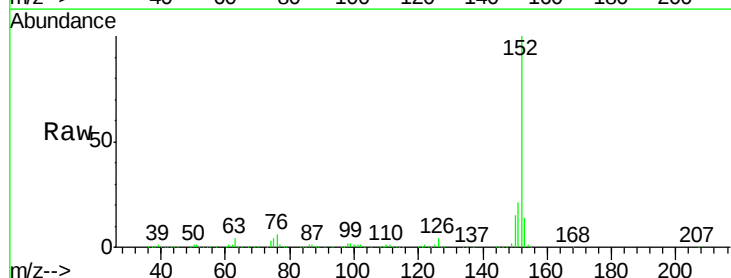
Tgt Ion: 152 Resp: 1871220

Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

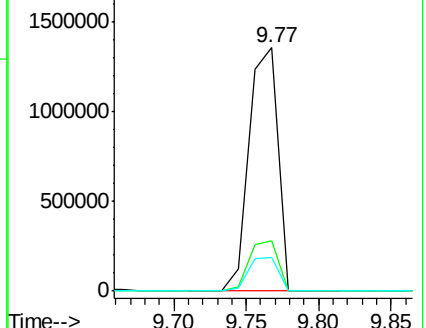
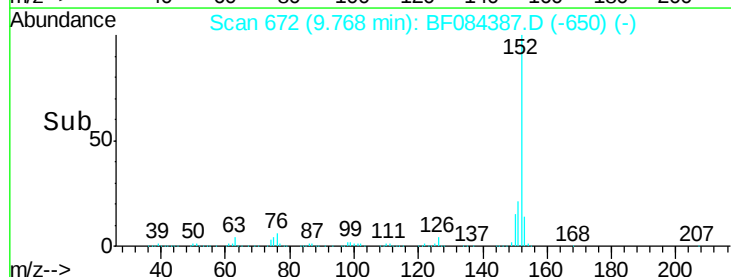
153 14.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 48.41 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

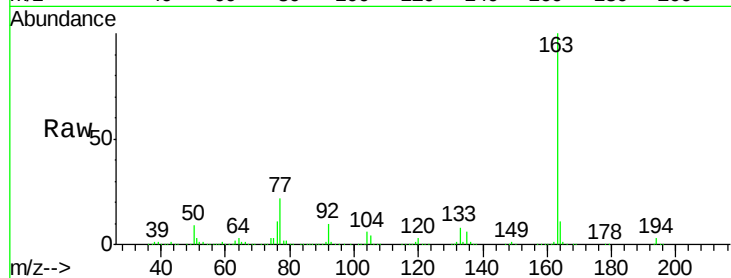
Tgt Ion:163 Resp: 1557781

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

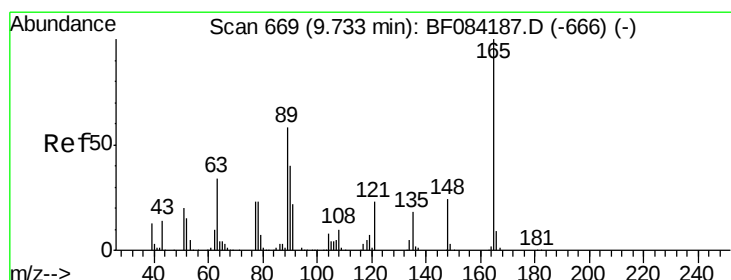
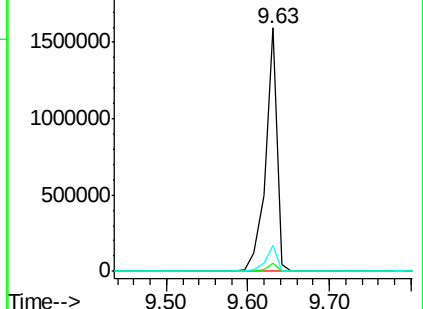
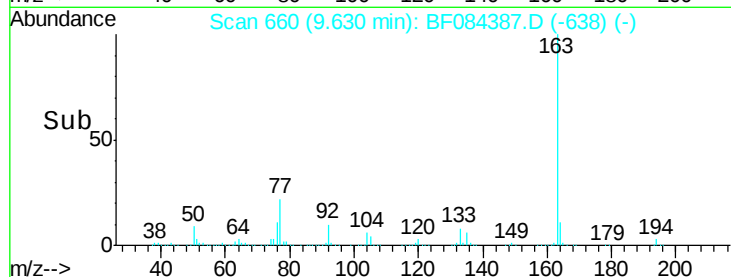
164 10.7 8.0 12.0



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



#50

2,6-Dinitrotoluene

Concen: 46.22 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

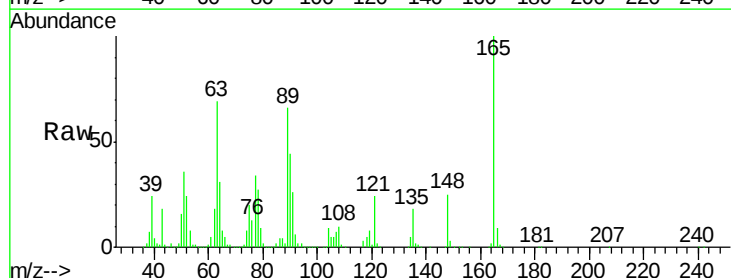
Tgt Ion:165 Resp: 326252

Ion Ratio Lower Upper

165 100

63 69.5 28.8 43.2#

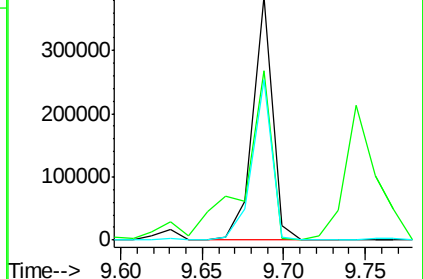
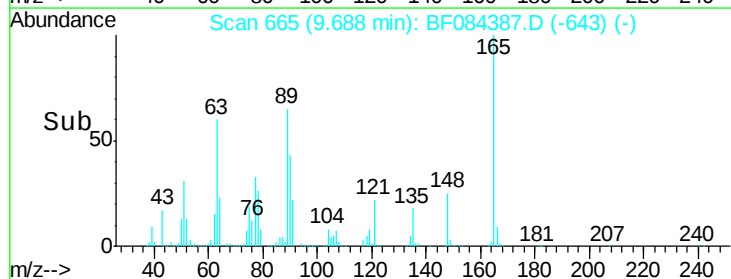
89 65.7 35.1 52.7#

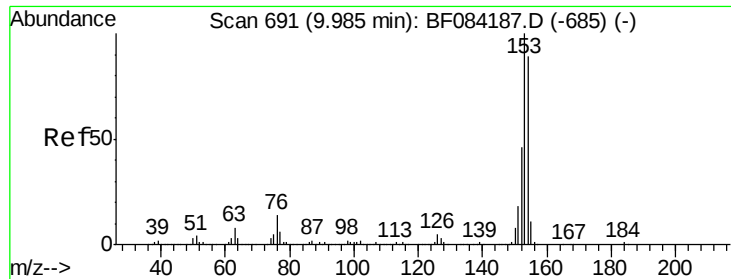


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.97 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

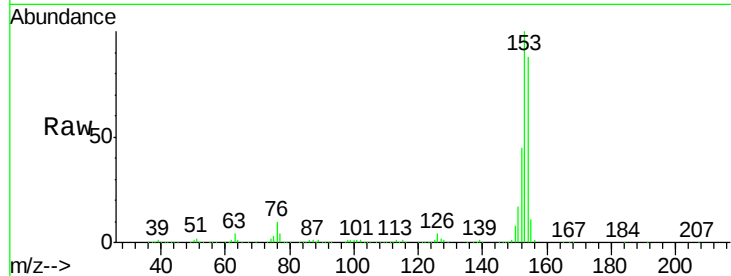
Tgt Ion:154 Resp: 1308116

Ion Ratio Lower Upper

154 100

153 113.5 91.5 137.3

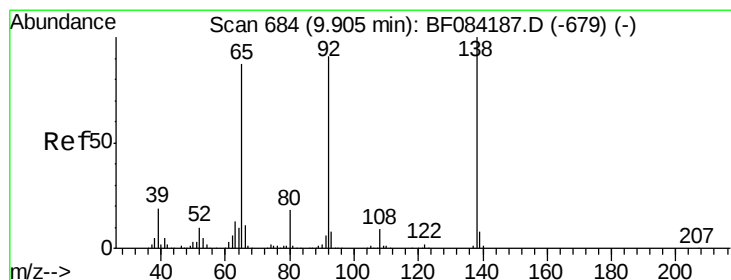
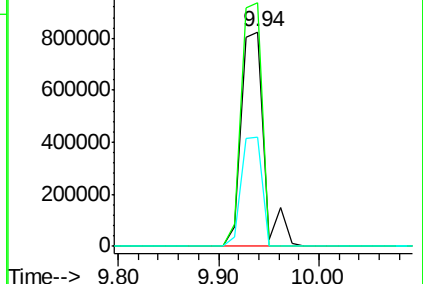
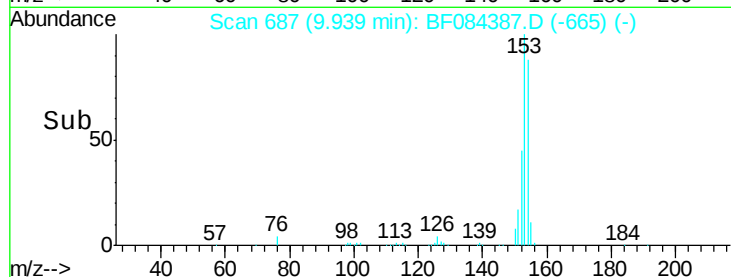
152 51.0 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.51 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

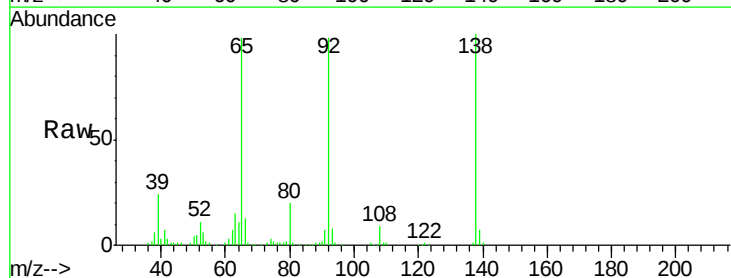
Tgt Ion:138 Resp: 144390

Ion Ratio Lower Upper

138 100

108 9.4 10.5 15.7#

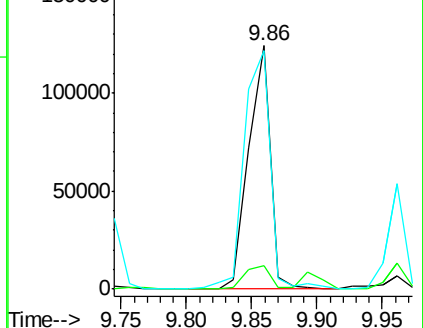
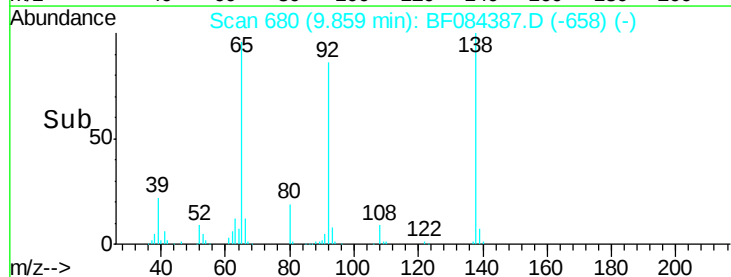
92 98.0 103.9 155.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

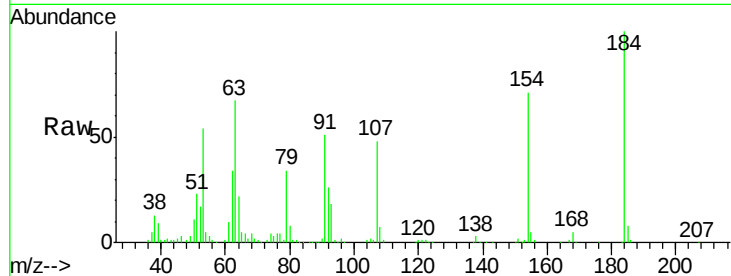




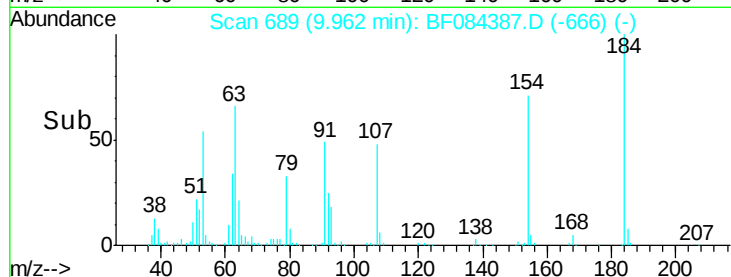
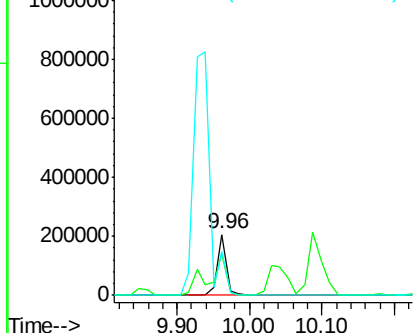
#53
2,4-Dinitrophenol
Concen: 61.95 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF084387.D
Acq: 11 Jan 2016 18:44

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

Tgt Ion:184 Resp: 183729
Ion Ratio Lower Upper
184 100
63 67.1 43.1 64.7#
154 71.5 60.5 90.7

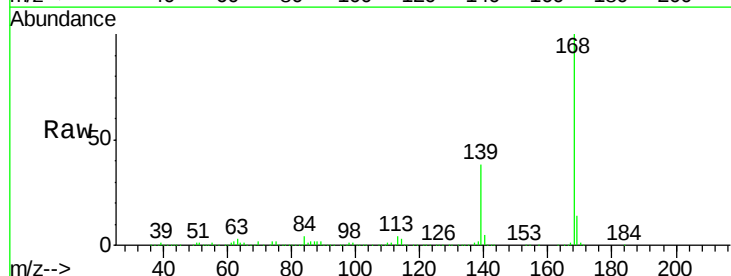


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

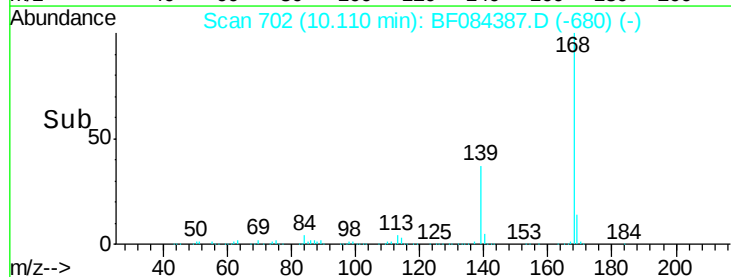
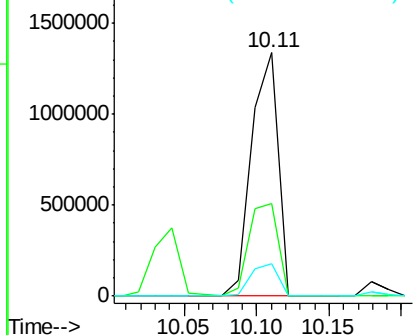


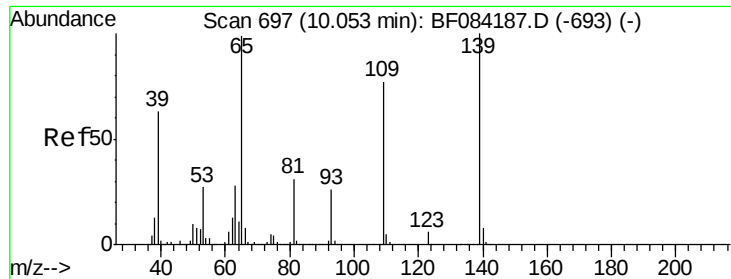
#54
Dibenzofuran
Concen: 47.13 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084387.D
Acq: 11 Jan 2016 18:44

Tgt Ion:168 Resp: 1694687
Ion Ratio Lower Upper
168 100
139 37.9 30.5 45.7
169 13.6 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

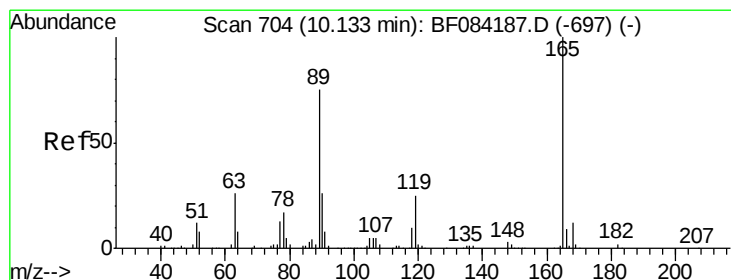
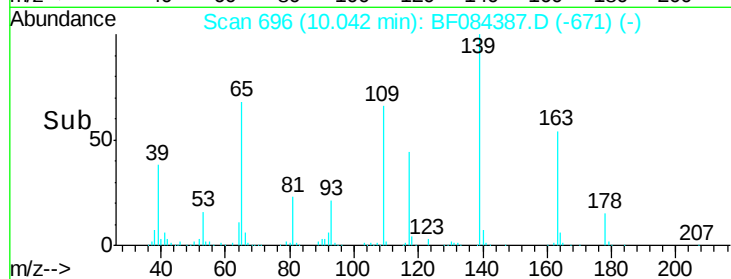
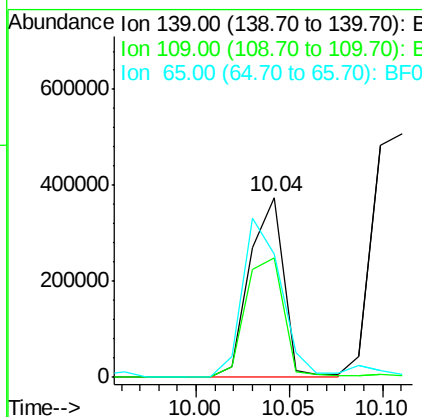
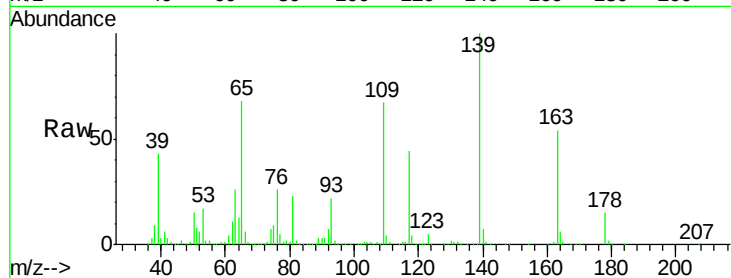




#55
4-Nitrophenol
Concen: 75.13 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF084387.D
Acq: 11 Jan 2016 18:44

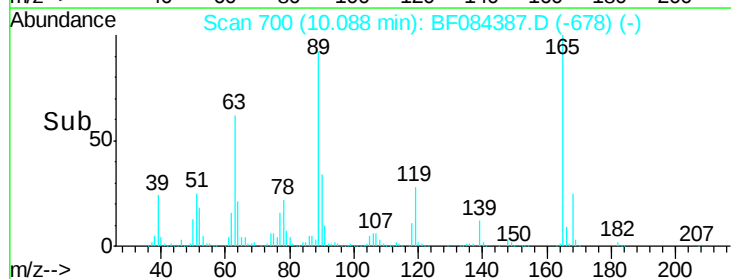
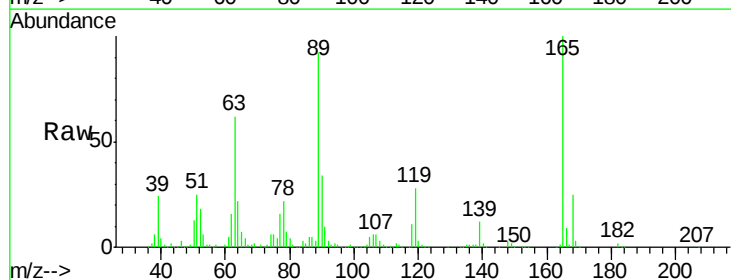
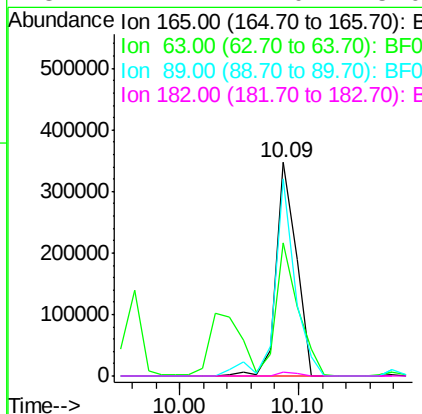
Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:139 Resp: 476975
Ion Ratio Lower Upper
139 100
109 66.6 58.5 98.5
65 68.4 57.6 97.6



#56
2,4-Dinitrotoluene
Concen: 45.25 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.05 min
Lab File: BF084387.D
Acq: 11 Jan 2016 18:44

Tgt Ion:165 Resp: 404247
Ion Ratio Lower Upper
165 100
63 62.2 36.7 55.1#
89 92.1 61.9 92.9
182 2.1 2.0 3.0





#57

Fluorene

Concen: 45.43 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

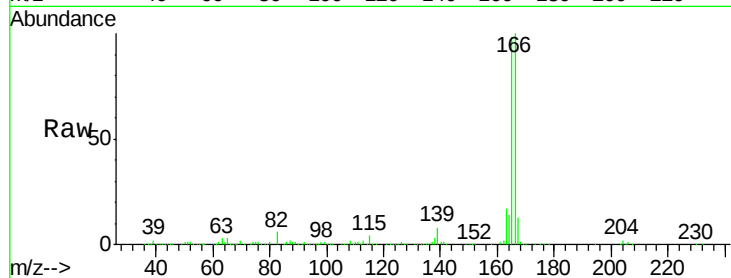
Tgt Ion:166 Resp: 1266327

Ion Ratio Lower Upper

166 100

165 98.5 79.1 118.7

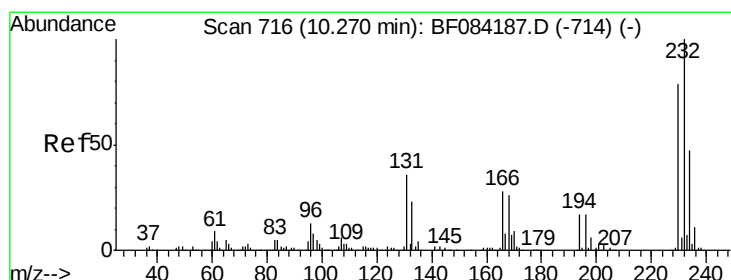
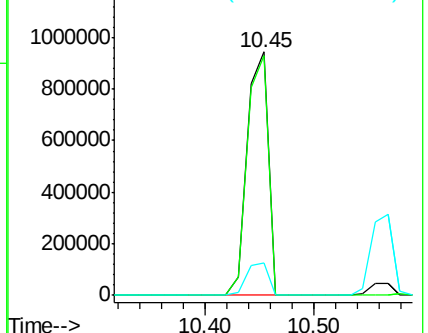
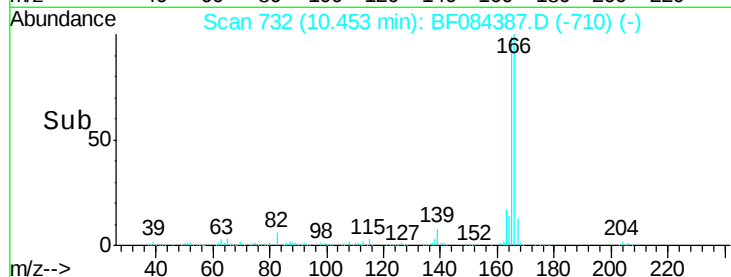
167 13.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.48 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Tgt Ion:232 Resp: 328672

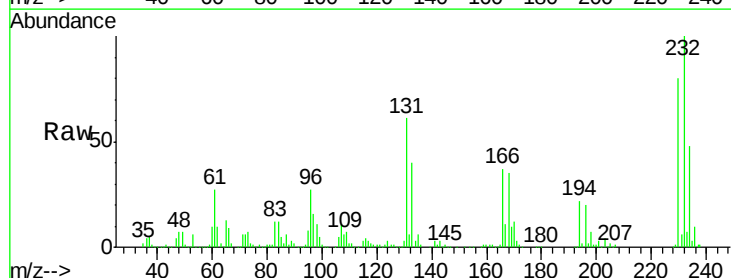
Ion Ratio Lower Upper

232 100

131 55.7 47.0 70.6

130 2.7 2.0 3.0

166 34.1 30.5 45.7

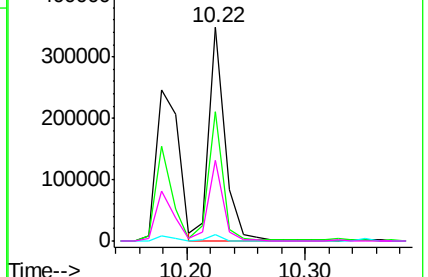
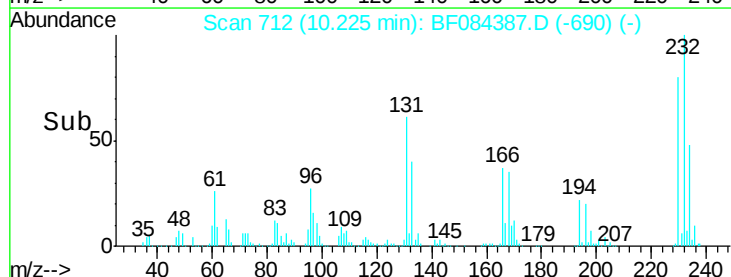


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.67 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

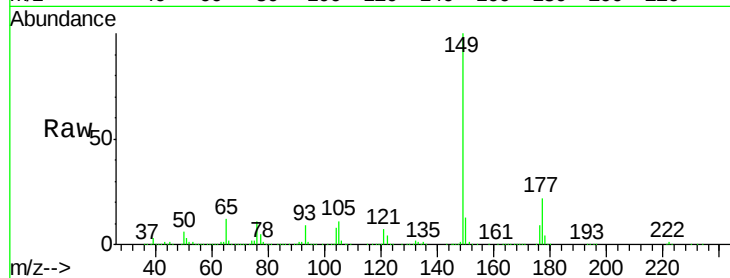
Tgt Ion:149 Resp: 1449001

Ion Ratio Lower Upper

149 100

177 22.0 17.3 25.9

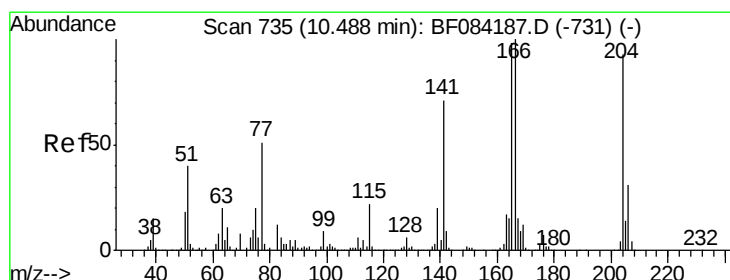
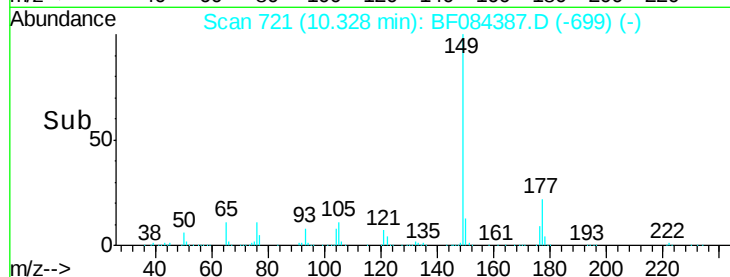
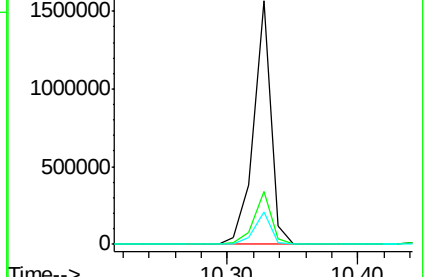
150 13.2 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 55.38 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

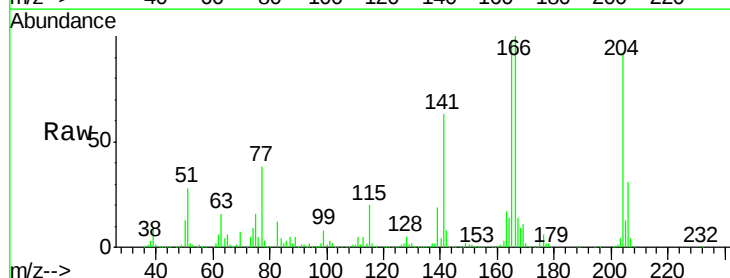
Tgt Ion:204 Resp: 630236

Ion Ratio Lower Upper

204 100

206 33.6 25.7 38.5

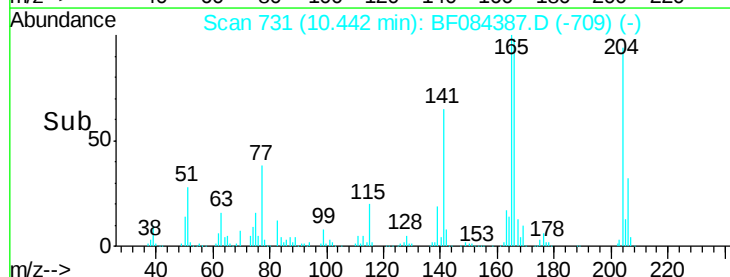
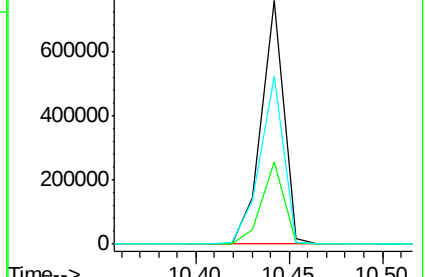
141 69.0 55.1 82.7



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

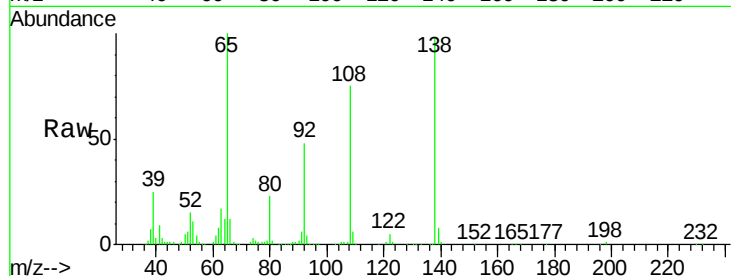




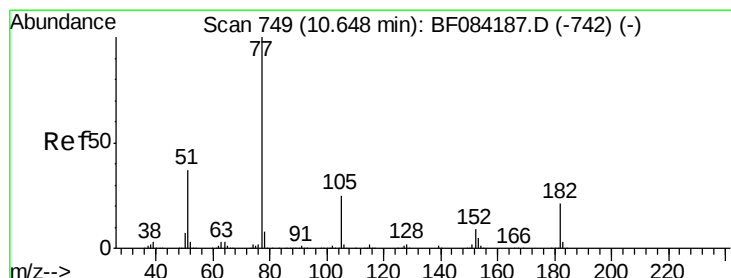
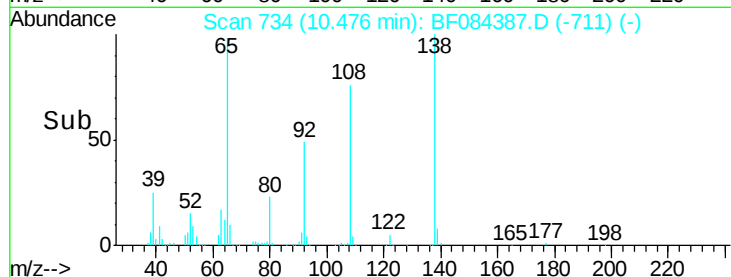
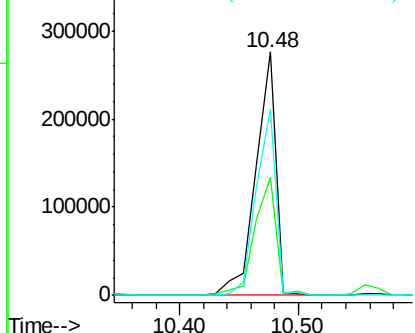
#61
4-Nitroaniline
Concen: 41.76 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF084387.D
Acq: 11 Jan 2016 18:44

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

Tgt Ion:138 Resp: 325600
Ion Ratio Lower Upper
138 100
92 48.7 32.6 72.6
108 76.6 68.6 108.6



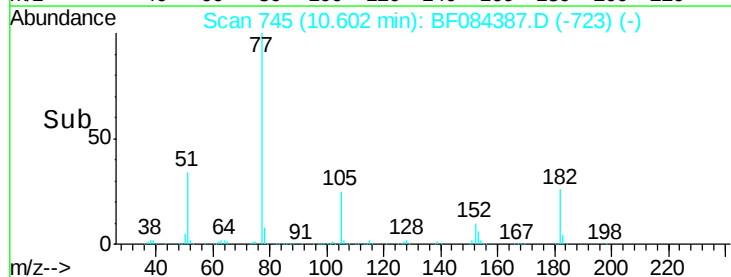
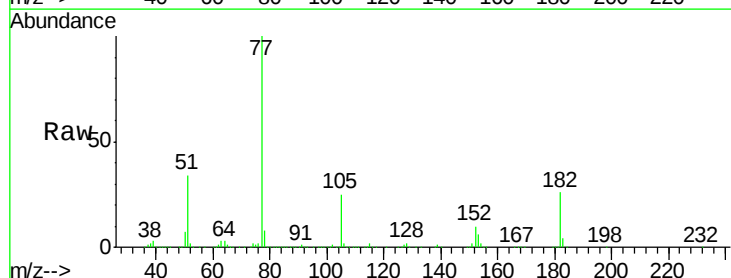
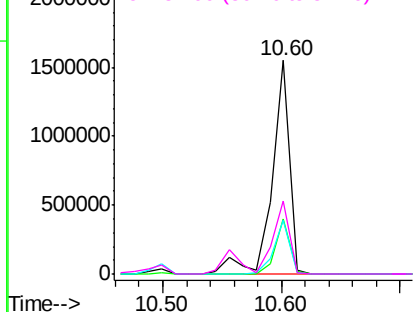
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

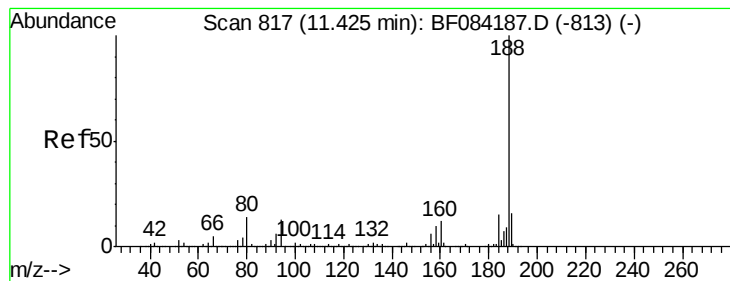


#62
Azobenzene
Concen: 45.51 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.05 min
Lab File: BF084387.D
Acq: 11 Jan 2016 18:44

Tgt Ion: 77 Resp: 1583794
Ion Ratio Lower Upper
77 100
182 25.7 8.3 48.3
105 25.0 4.6 44.6
51 34.1 6.2 46.2

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

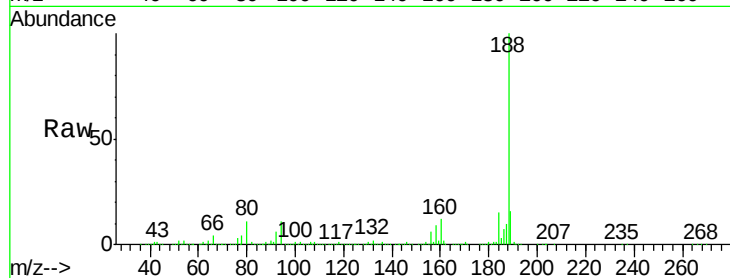
Tgt Ion:188 Resp: 779280

Ion Ratio Lower Upper

188 100

94 10.5 9.0 13.4

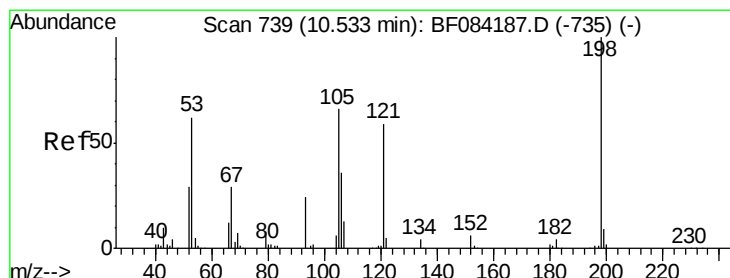
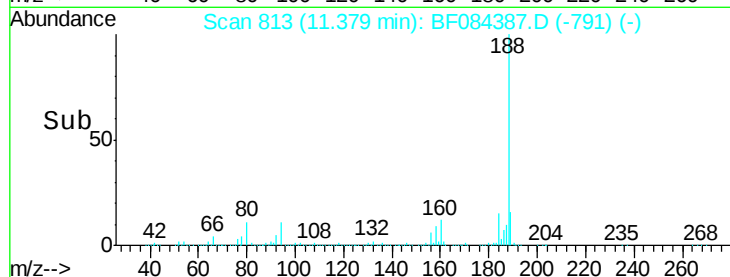
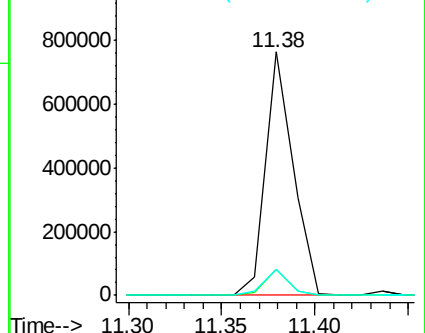
80 10.9 9.6 14.4



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: 32.71 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

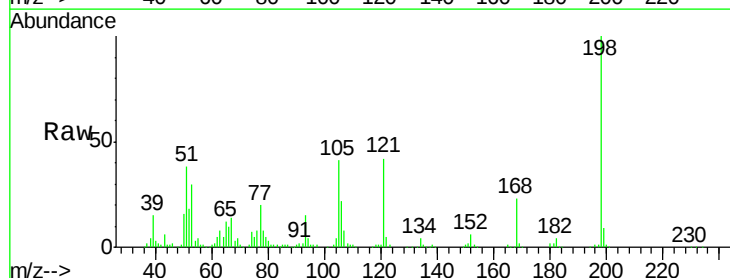
Tgt Ion:198 Resp: 154404

Ion Ratio Lower Upper

198 100

51 38.4 18.9 58.9

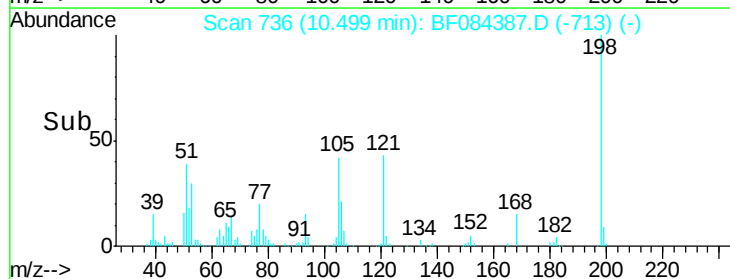
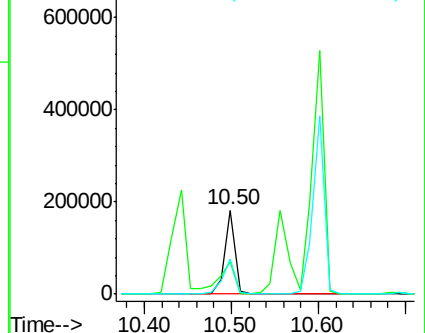
105 41.2 26.4 66.4

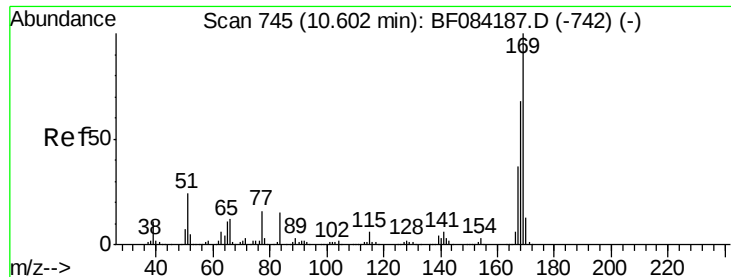


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.88 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.03 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

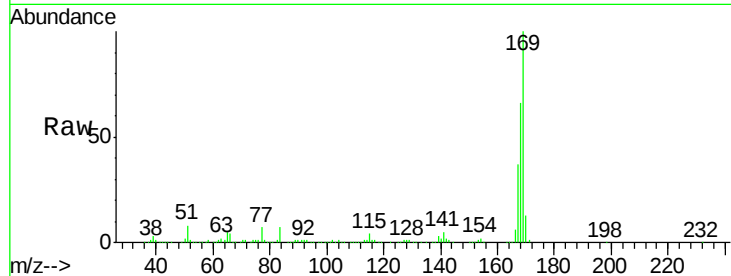
Tgt Ion:169 Resp: 1168076

Ion Ratio Lower Upper

169 100

168 66.3 55.1 82.7

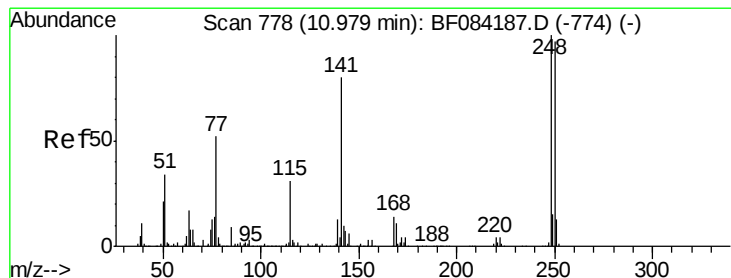
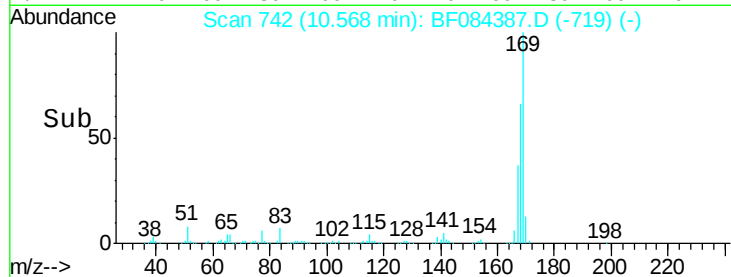
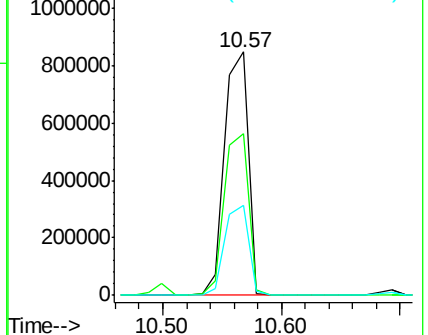
167 37.2 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.85 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

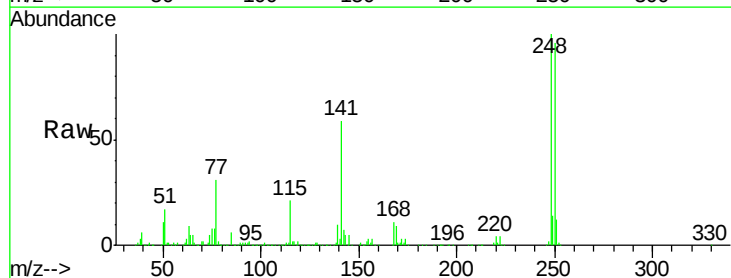
Tgt Ion:248 Resp: 418090

Ion Ratio Lower Upper

248 100

250 95.8 78.4 117.6

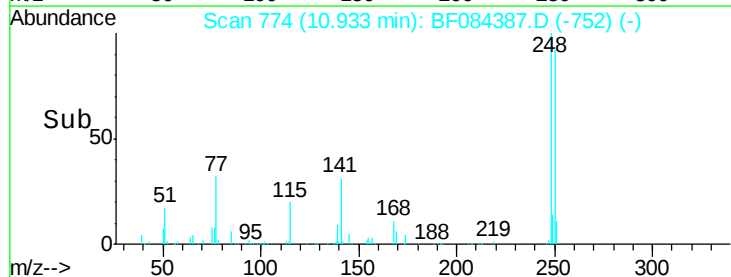
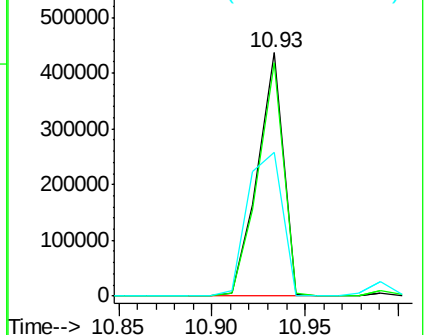
141 59.3 44.0 66.0

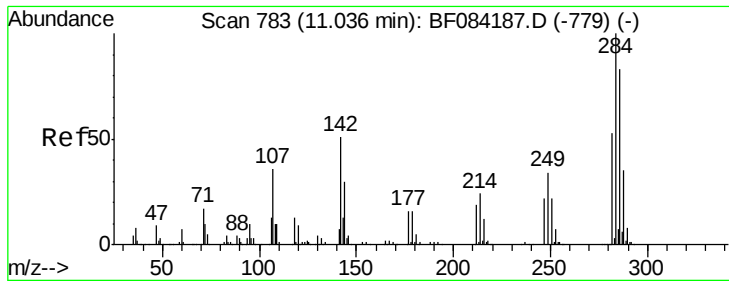


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.53 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

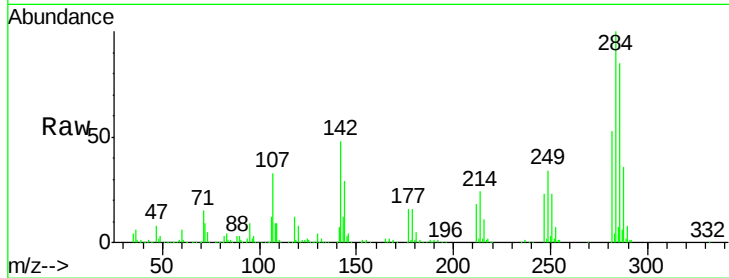
Tgt Ion:284 Resp: 382622

Ion Ratio Lower Upper

284 100

142 48.5 22.2 33.4#

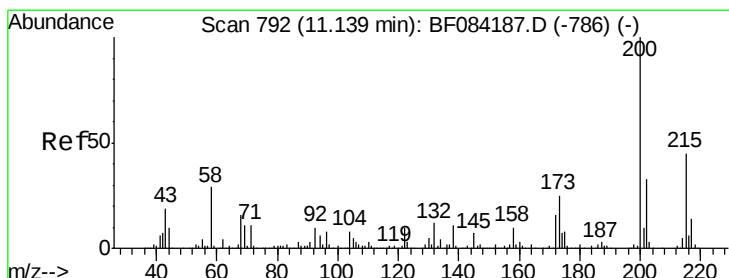
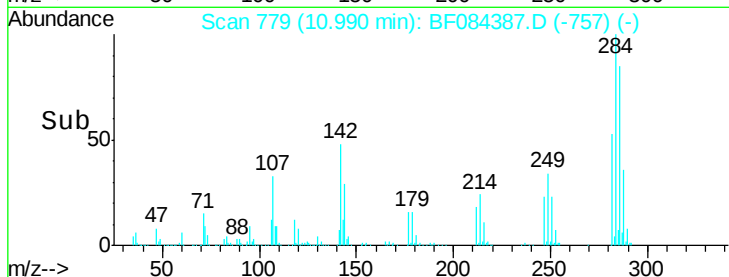
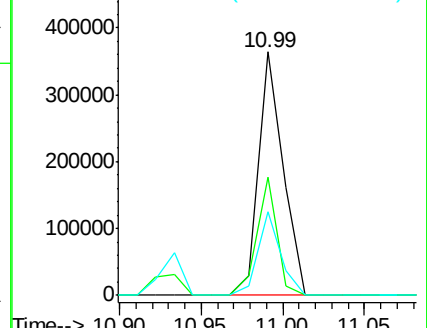
249 34.1 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.24 ng

RT: 11.09 min Scan# 788

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

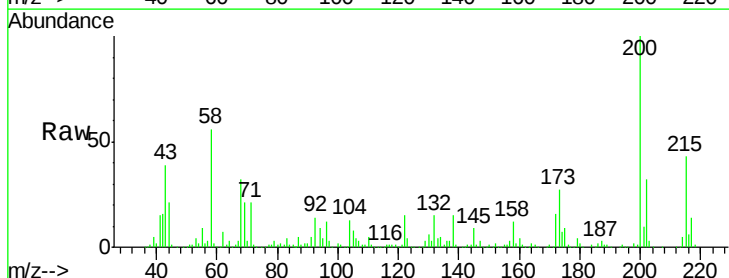
Tgt Ion:200 Resp: 393315

Ion Ratio Lower Upper

200 100

173 26.7 9.5 49.5

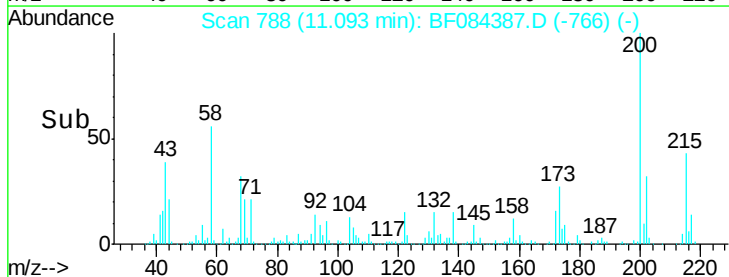
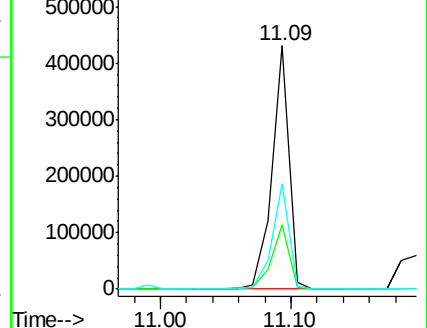
215 43.1 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

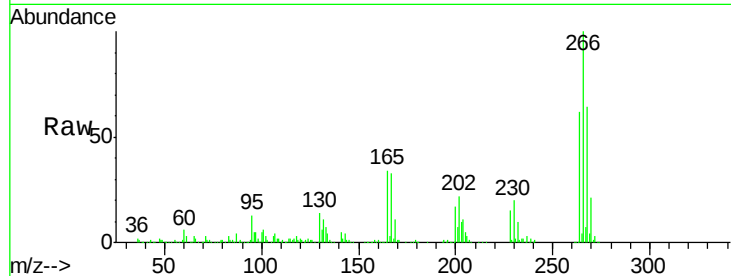




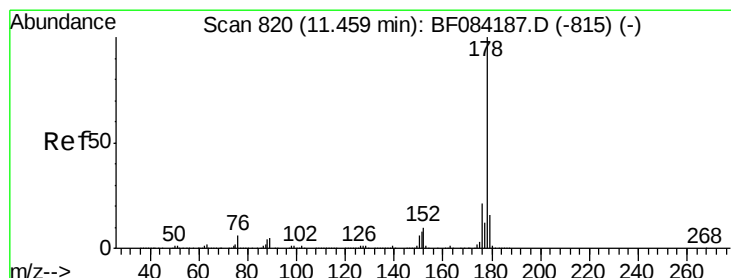
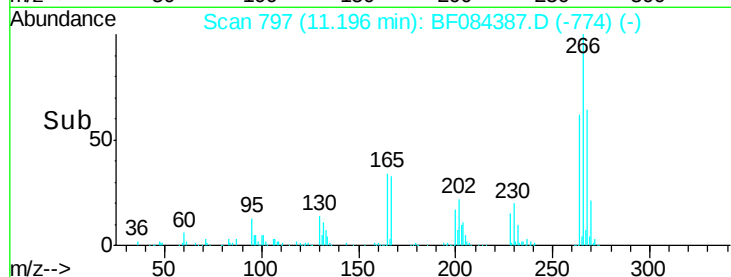
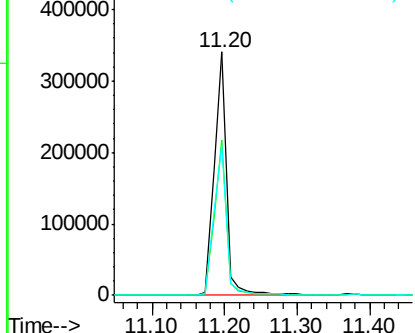
#69
 Pentachlorophenol
 Concen: 82.08 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF084387.D
 Acq: 11 Jan 2016 18:44

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

Tgt Ion:266 Resp: 401786
 Ion Ratio Lower Upper
 266 100
 268 63.9 52.4 78.6
 264 61.5 50.2 75.2

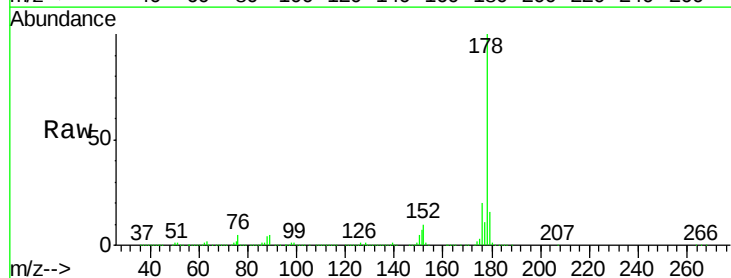


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

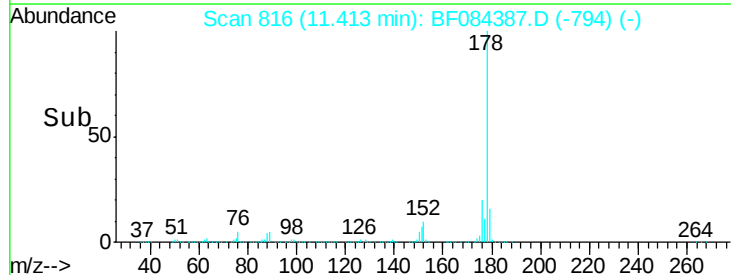
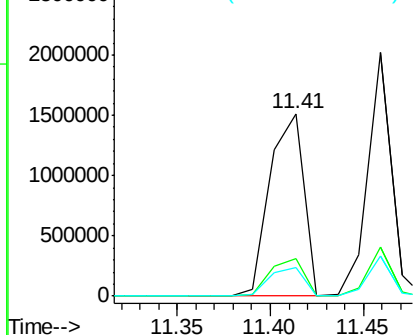


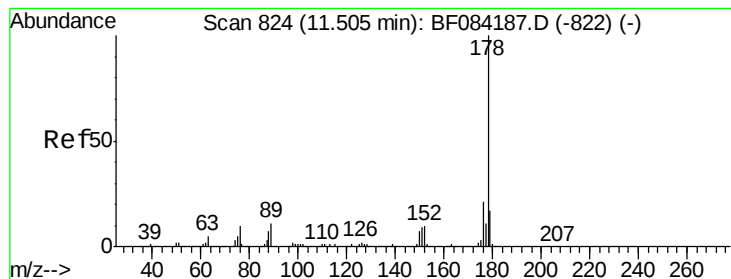
#70
 Phenanthrene
 Concen: 47.14 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.05 min
 Lab File: BF084387.D
 Acq: 11 Jan 2016 18:44

Tgt Ion:178 Resp: 1921601
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.3 22.9
 179 15.8 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





#71

Anthracene

Concen: 43.94 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.04 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

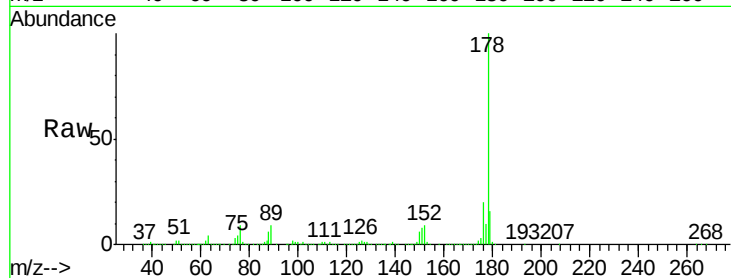
Tgt Ion:178 Resp: 1755618

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.0

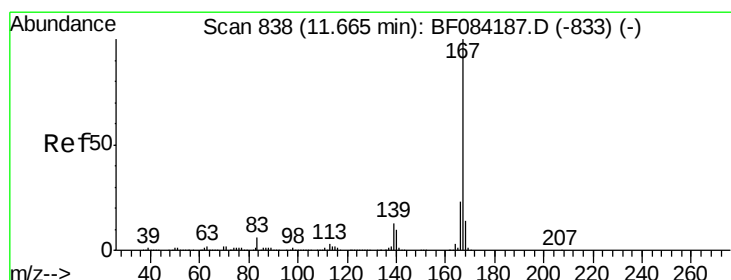
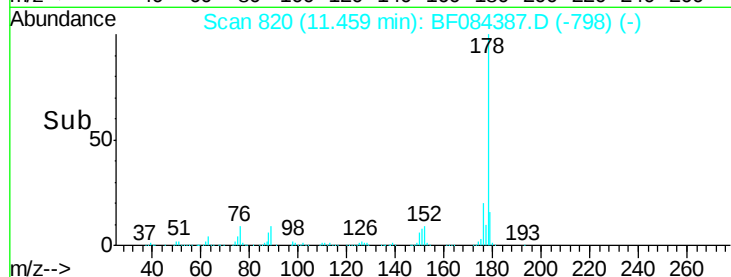
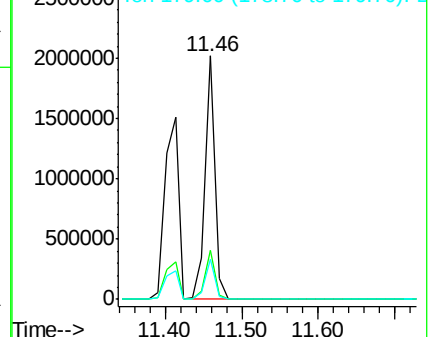
179 16.4 12.5 18.7



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



#72

Carbazole

Concen: 44.31 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

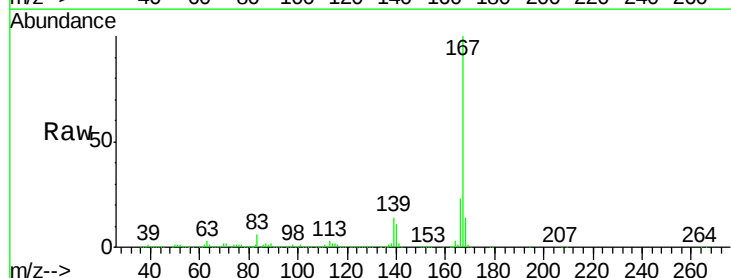
Tgt Ion:167 Resp: 1730931

Ion Ratio Lower Upper

167 100

166 23.3 17.6 26.4

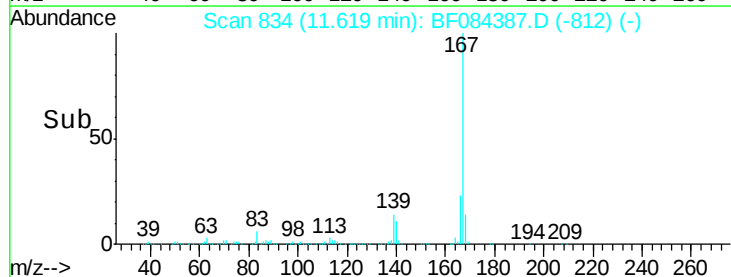
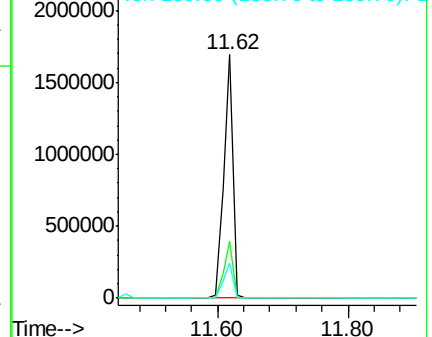
139 14.2 11.8 17.8

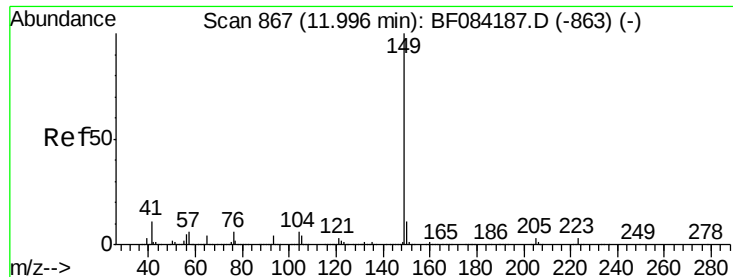


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 57.30 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

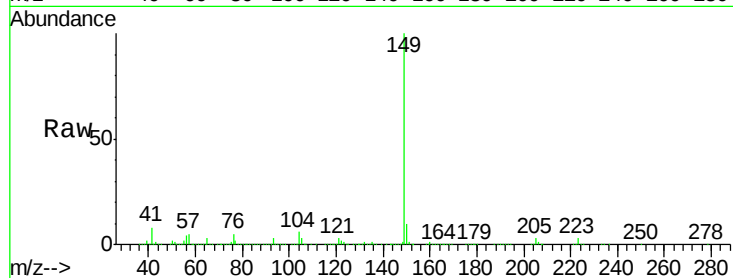
Tgt Ion:149 Resp: 2224167

Ion Ratio Lower Upper

149 100

150 10.4 7.1 10.7

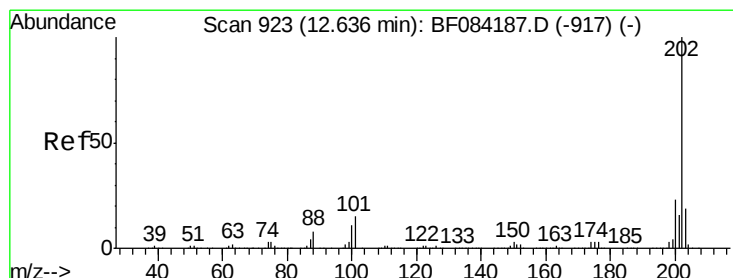
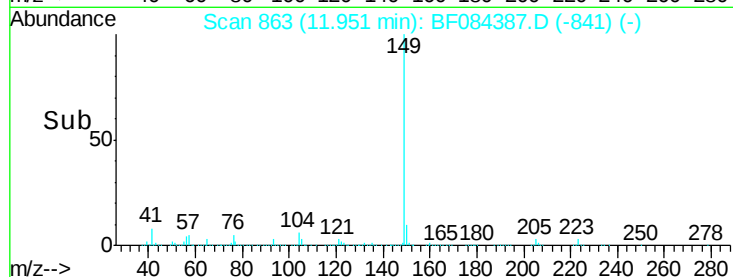
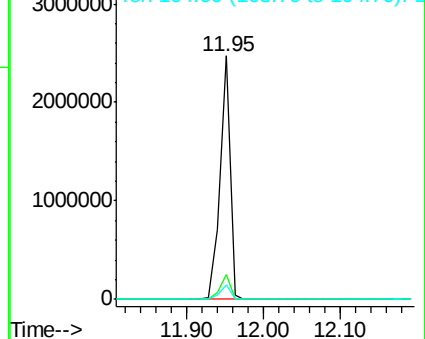
104 5.9 3.2 4.8#



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: 36.90 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

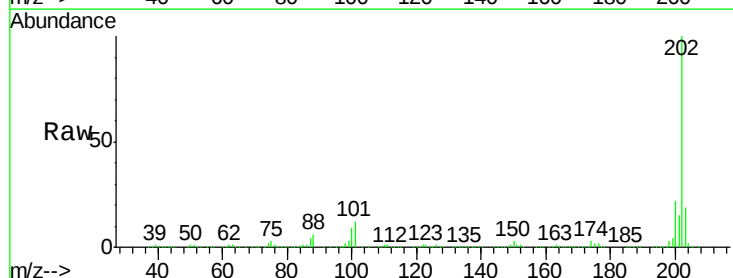
Tgt Ion:202 Resp: 1571302

Ion Ratio Lower Upper

202 100

101 12.2 0.0 32.8

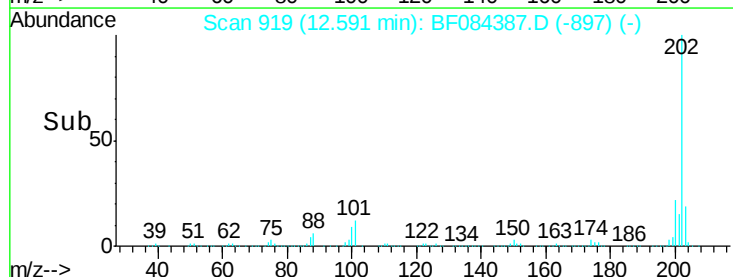
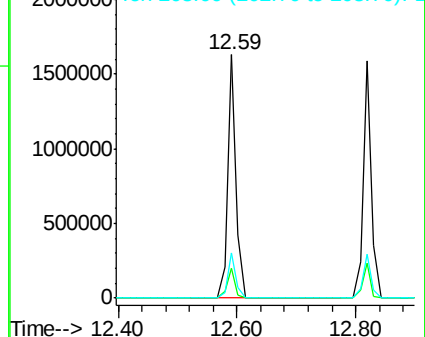
203 18.5 0.0 37.9

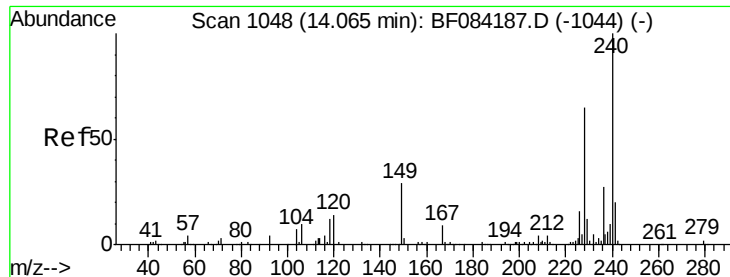


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

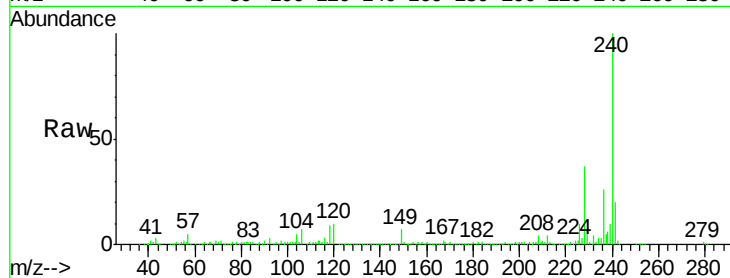
Tgt Ion:240 Resp: 485921

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

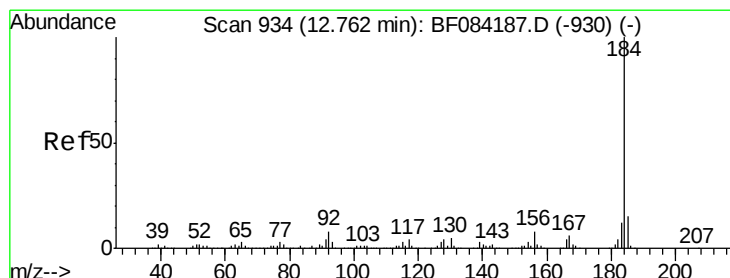
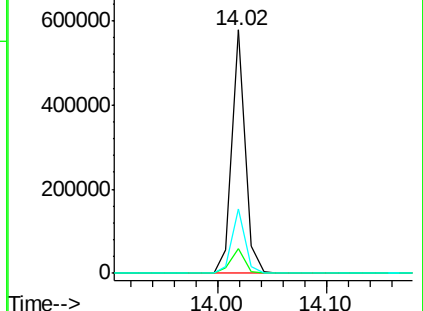
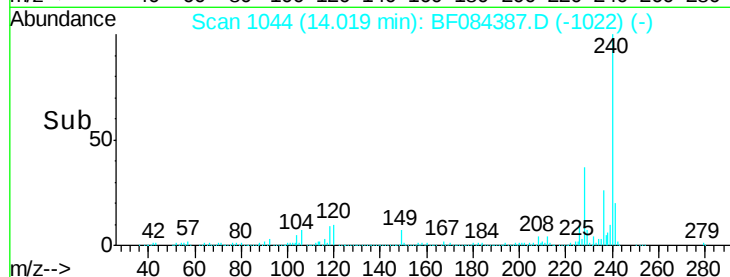
236 26.5 20.6 31.0



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



#76

Benzidine

Concen: 8.83 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

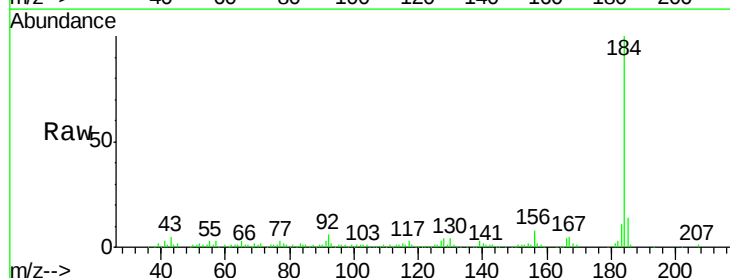
Tgt Ion:184 Resp: 153787

Ion Ratio Lower Upper

184 100

185 13.6 12.2 18.2

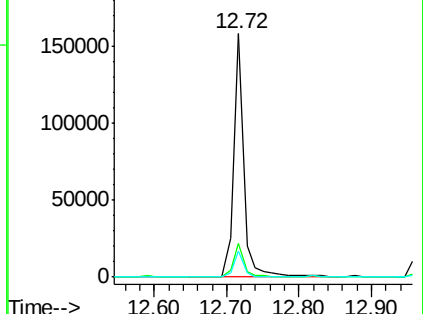
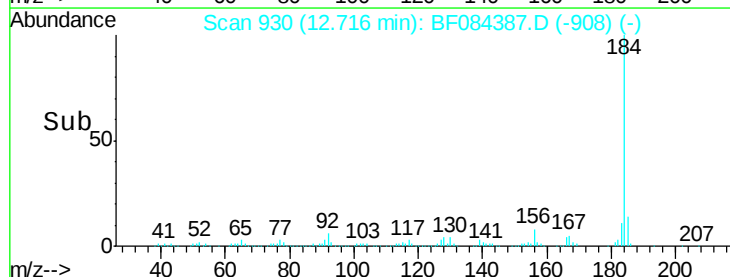
183 10.7 9.8 14.8

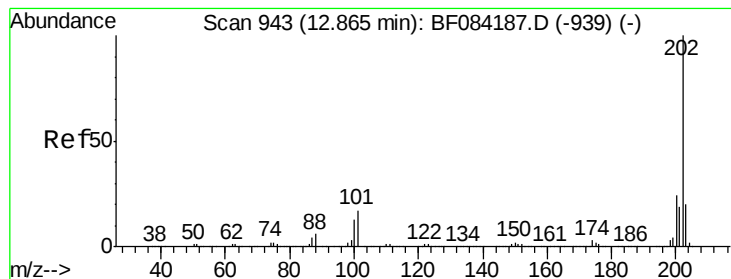


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.63 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

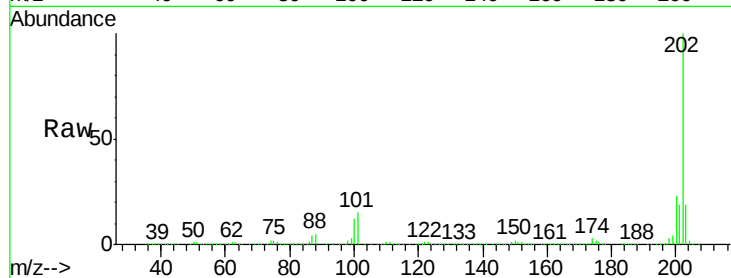
Tgt Ion:202 Resp: 1511138

Ion Ratio Lower Upper

202 100

200 22.7 17.2 25.8

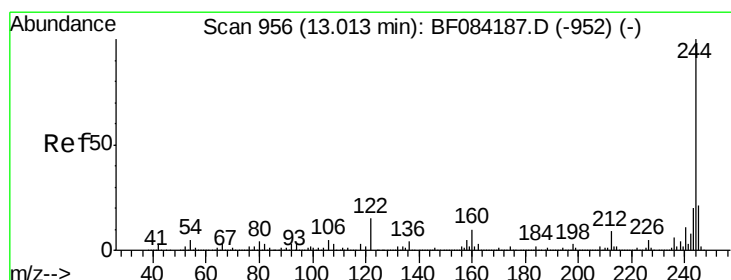
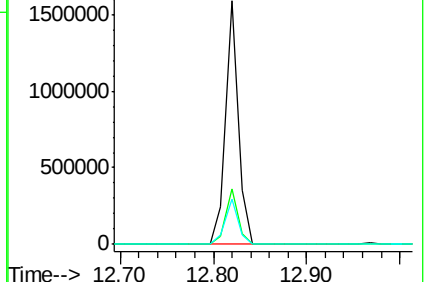
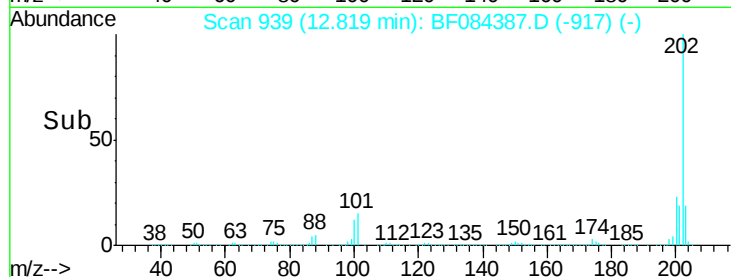
203 18.5 14.3 21.5



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: 89.14 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

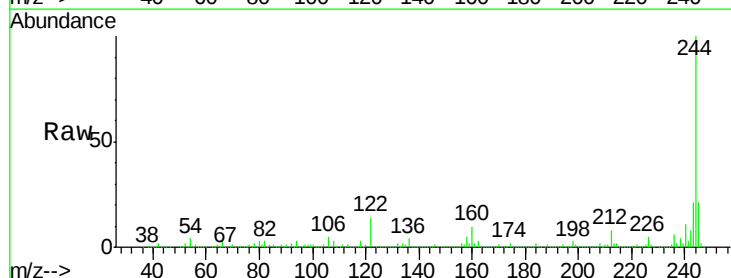
Tgt Ion:244 Resp: 1940446

Ion Ratio Lower Upper

244 100

212 8.4 5.7 8.5

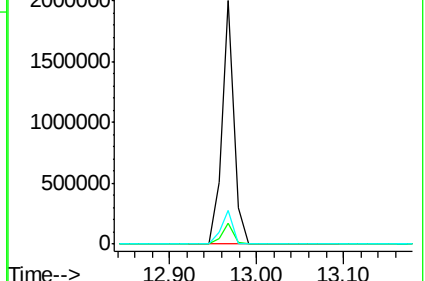
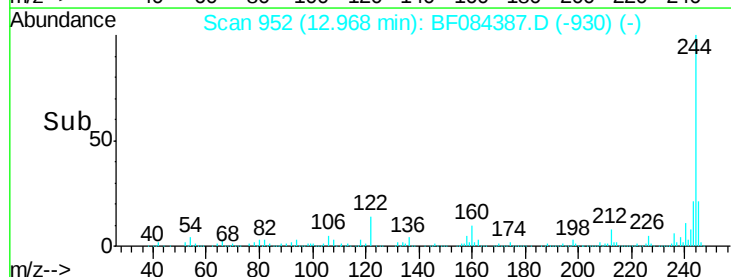
122 13.9 7.4 11.0#

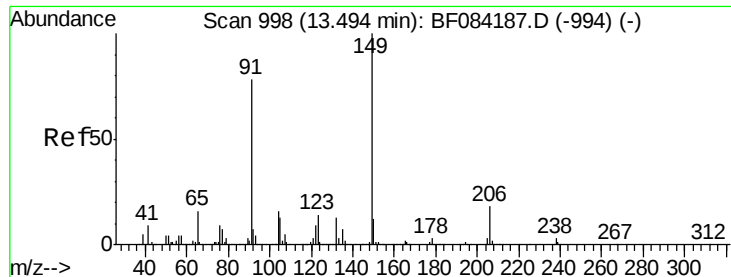


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

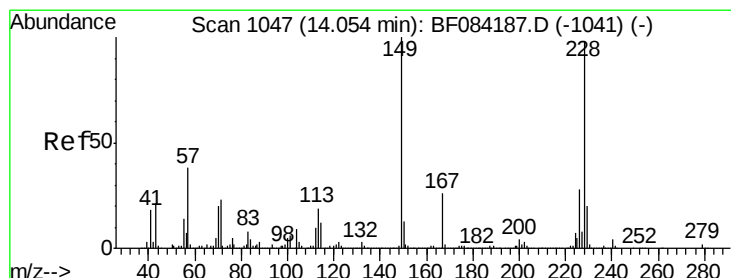
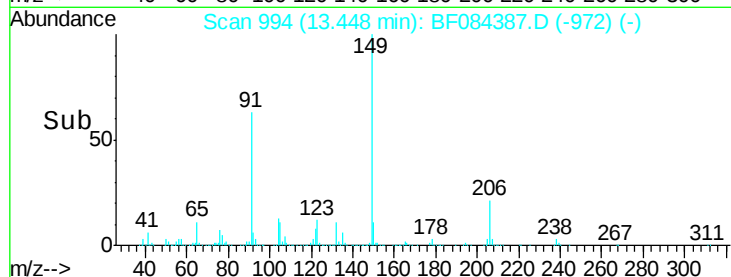
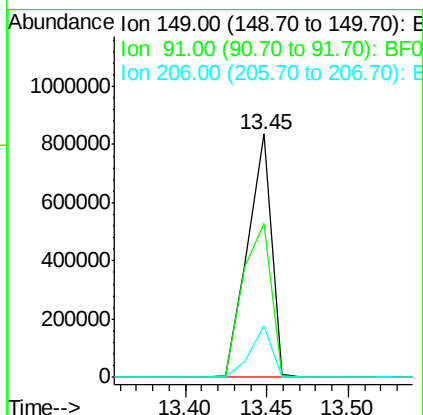
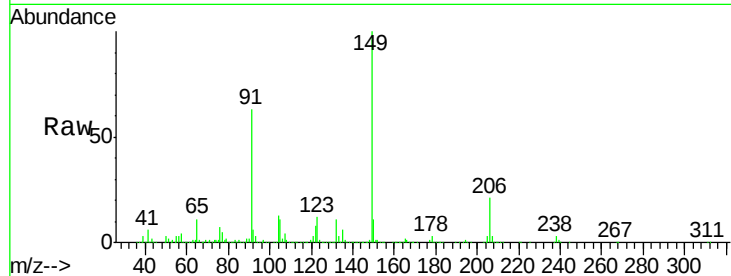




#79
Butylbenzylphthalate
Concen: 51.46 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF084387.D
Acq: 11 Jan 2016 18:44

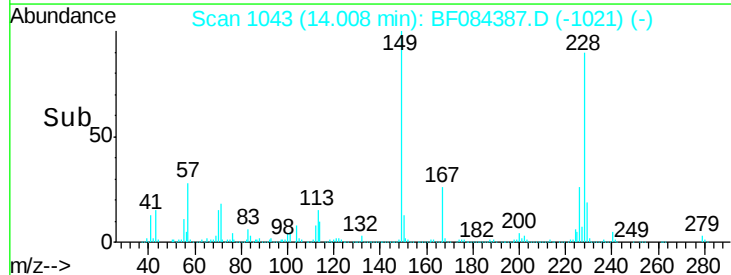
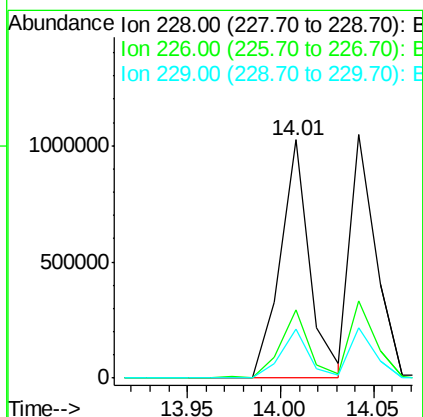
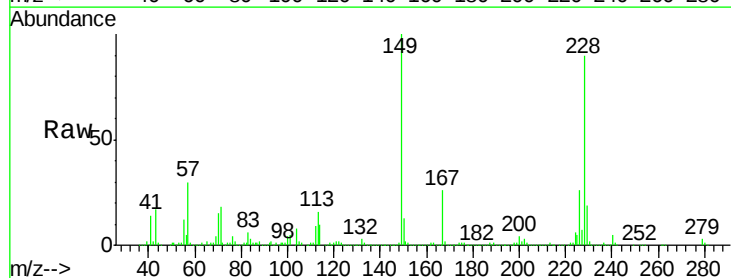
Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:149 Resp: 849098
Ion Ratio Lower Upper
149 100
91 63.4 57.6 86.4
206 21.3 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 39.25 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF084387.D
Acq: 11 Jan 2016 18:44

Tgt Ion:228 Resp: 1119810
Ion Ratio Lower Upper
228 100
226 28.7 21.8 32.6
229 20.7 15.8 23.8

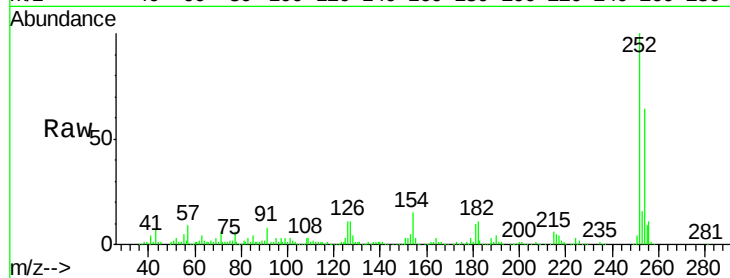




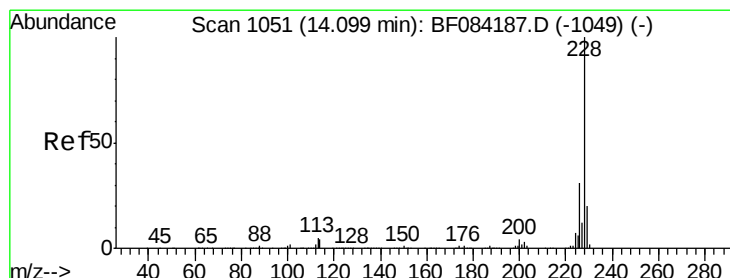
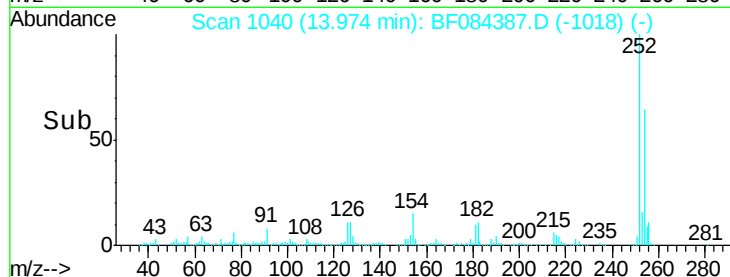
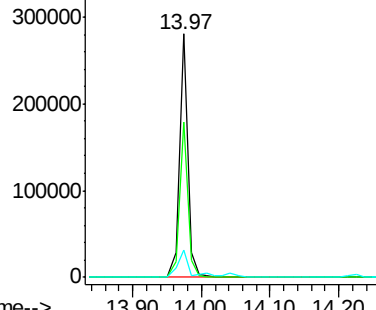
#81
 3,3'-Dichlorobenzidine
 Concen: 24.14 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF084387.D
 Acq: 11 Jan 2016 18:44

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

Tgt Ion:252 Resp: 240393
 Ion Ratio Lower Upper
 252 100
 254 63.6 53.5 80.3
 126 11.0 4.9 7.3#

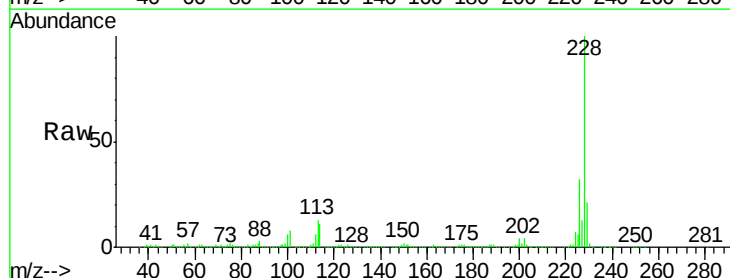


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

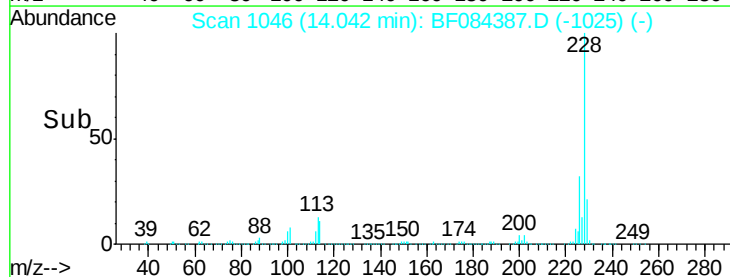
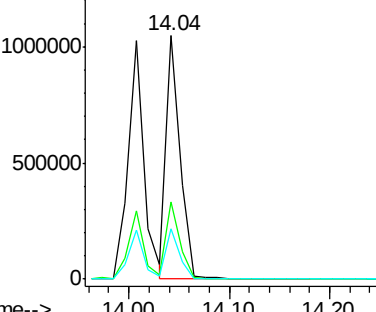


#82
 Chrysene
 Concen: 37.23 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.06 min
 Lab File: BF084387.D
 Acq: 11 Jan 2016 18:44

Tgt Ion:228 Resp: 1020829
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.3 36.5
 229 20.6 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: 50.67 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

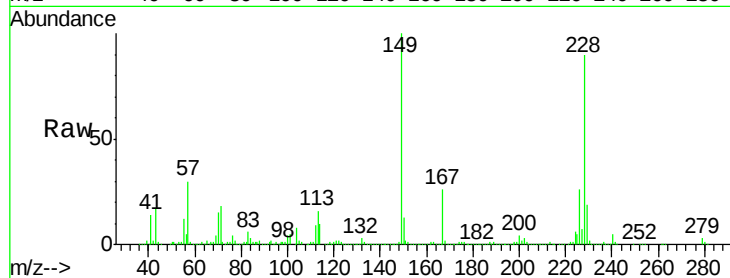
Tgt Ion:149 Resp: 1056242

Ion Ratio Lower Upper

149 100

167 26.5 19.7 29.5

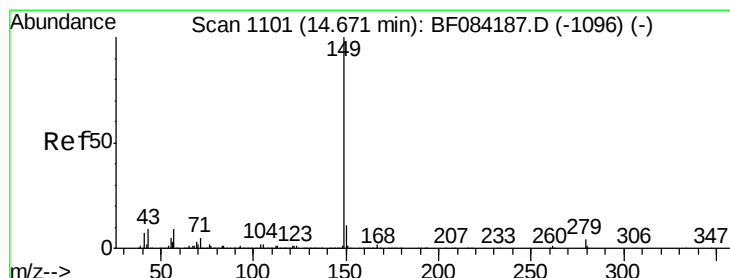
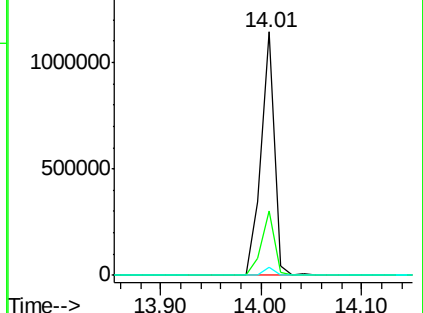
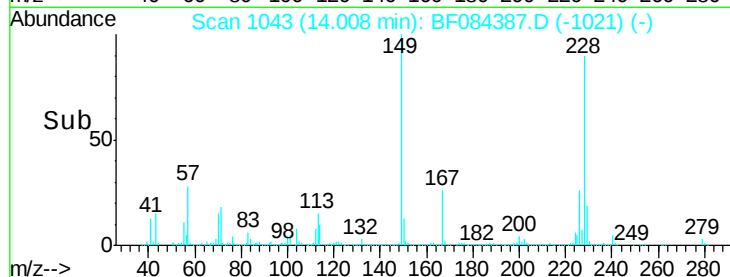
279 3.1 1.8 2.6#



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



#84

Di-n-octyl phthalate

Concen: 44.41 ng

RT: 14.61 min Scan# 1096

Delta R.T. -0.06 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

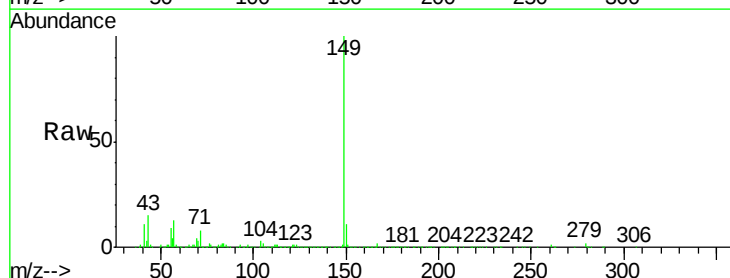
Tgt Ion:149 Resp: 1563034

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

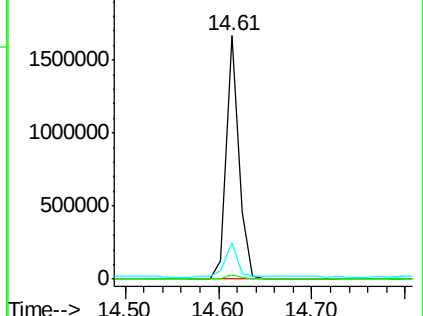
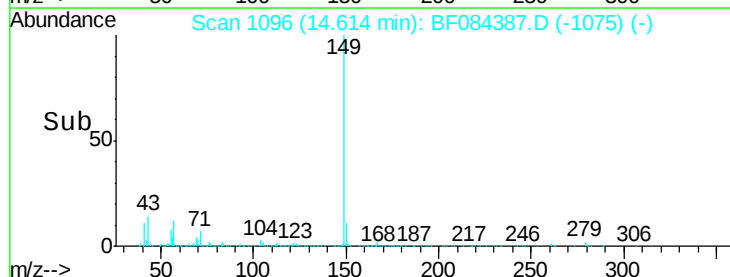
43 13.5 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.11 ng

RT: 16.84 min Scan# 1291

Delta R.T. -0.08 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

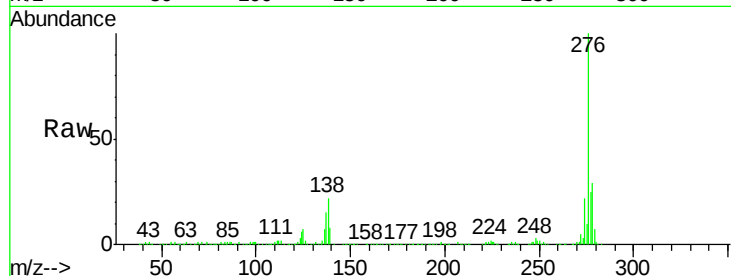
Tgt Ion:276 Resp: 1045681

Ion Ratio Lower Upper

276 100

138 24.7 20.6 30.8

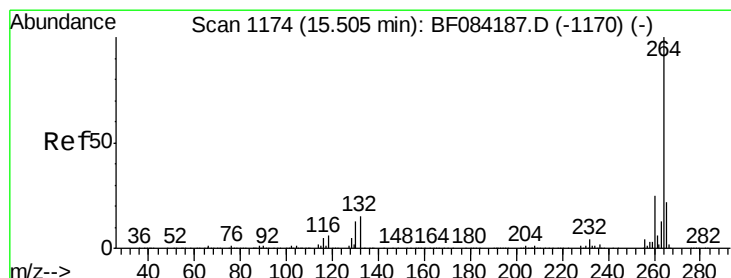
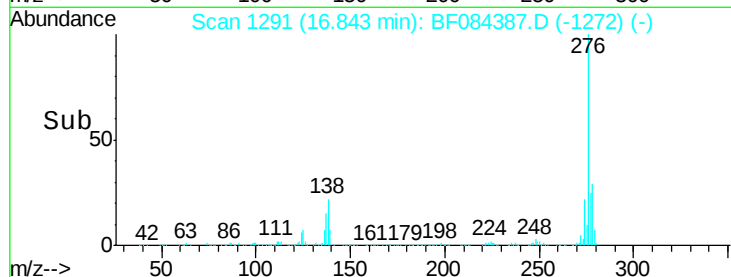
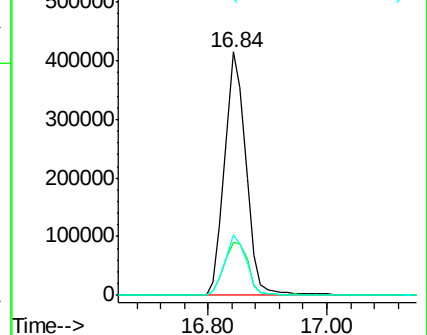
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

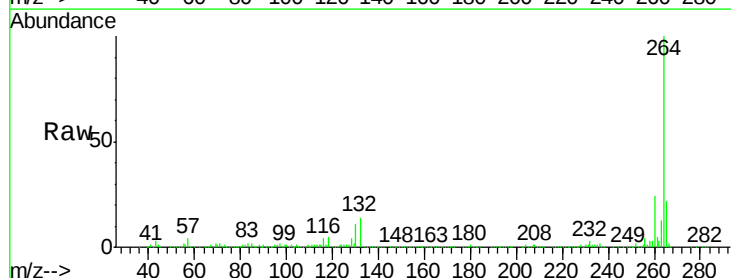
Tgt Ion:264 Resp: 423630

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

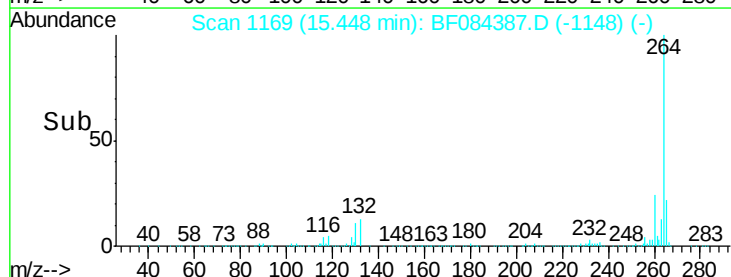
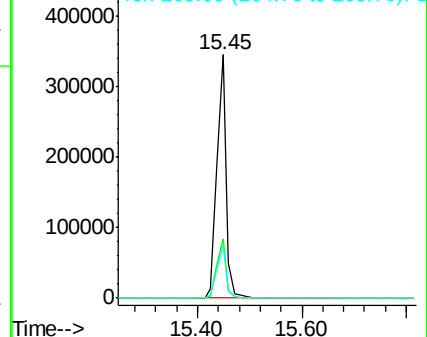
265 21.5 17.8 26.6

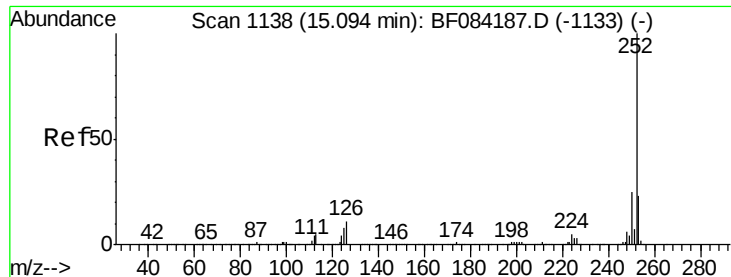


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

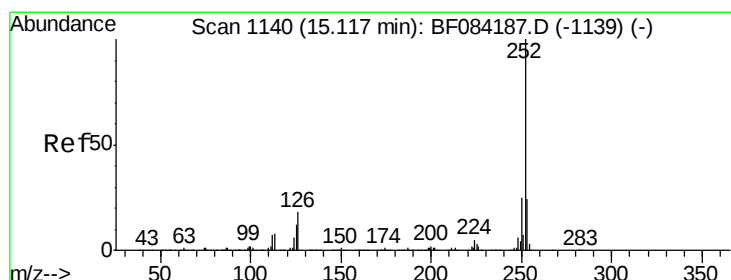
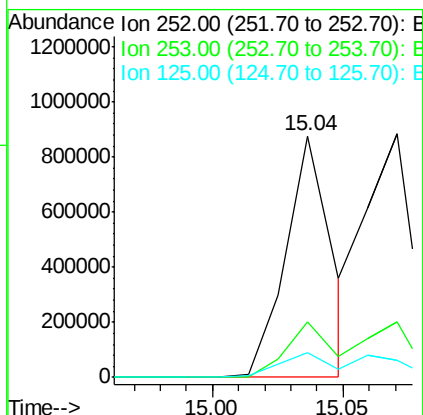
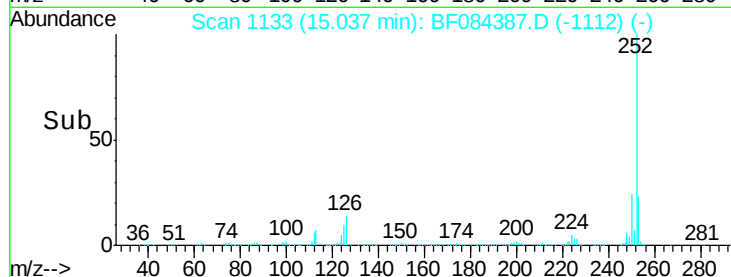
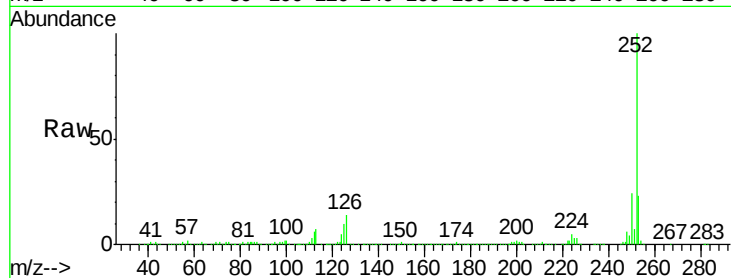




#87
Benzo(b)fluoranthene
Concen: 38.31 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.06 min
Lab File: BF084387.D
Acq: 11 Jan 2016 18:44

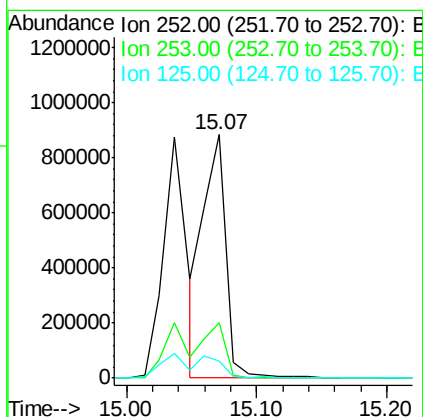
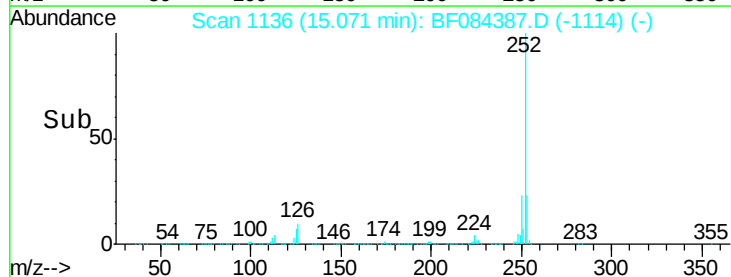
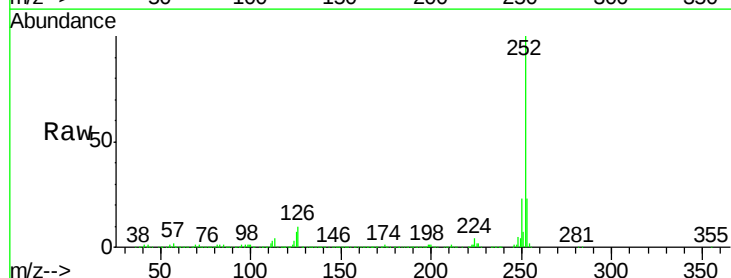
Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

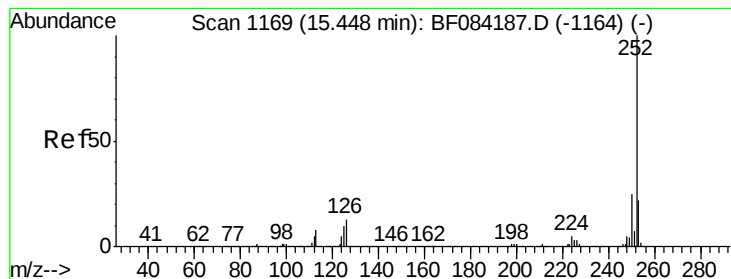
Tgt Ion:252 Resp: 1061518
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 10.4 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 48.47 ng m
RT: 15.07 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BF084387.D
Acq: 11 Jan 2016 18:44

Tgt Ion:252 Resp: 1098472
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 7.1 9.0 13.6#





#89

Benzo(a)pyrene

Concen: 44.25 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.06 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

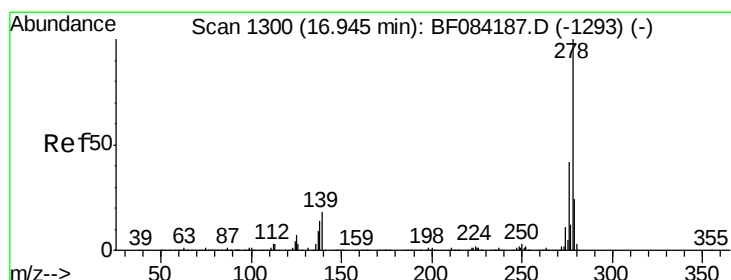
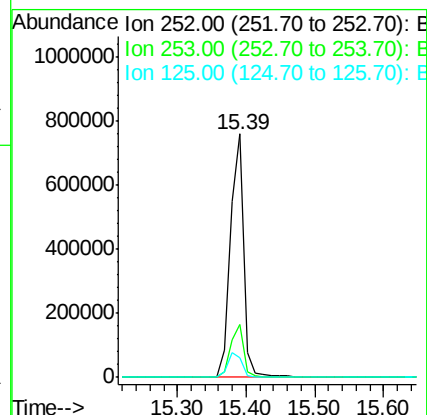
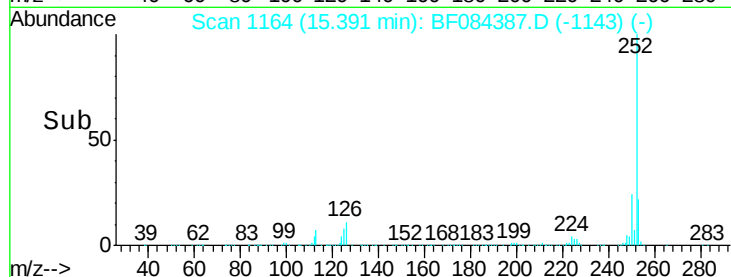
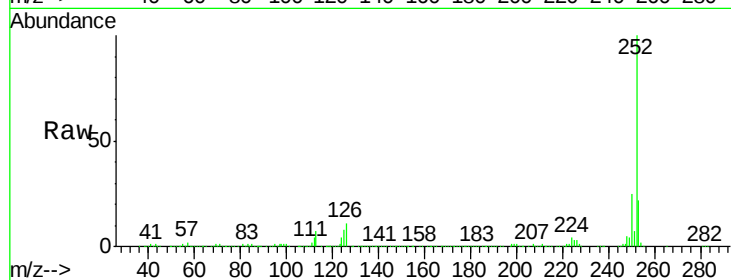
Tgt Ion:252 Resp: 1040048

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 8.0 7.0 10.4



#90

Dibenzo(a,h)anthracene

Concen: 43.71 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.08 min

Lab File: BF084387.D

Acq: 11 Jan 2016 18:44

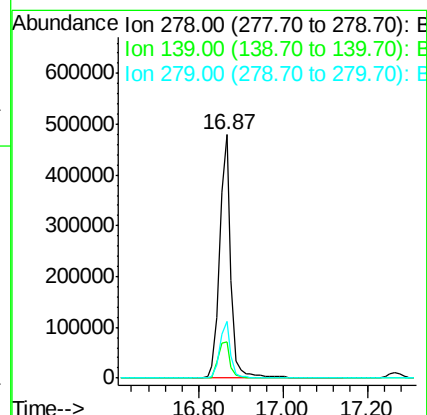
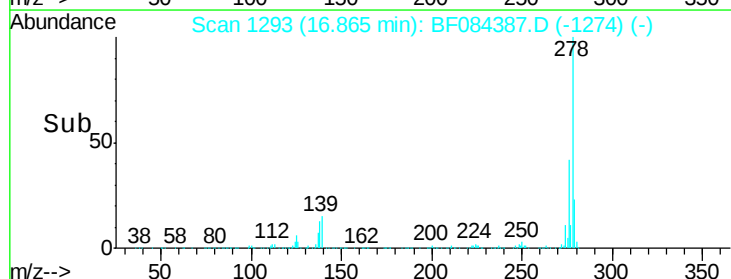
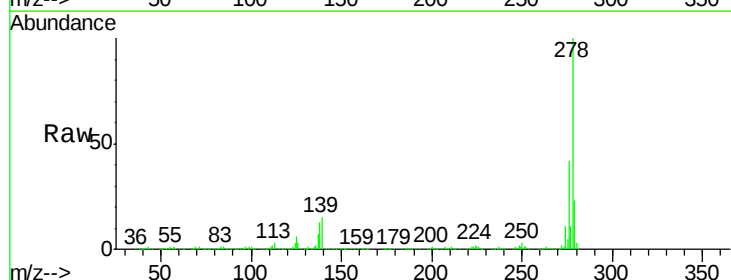
Tgt Ion:278 Resp: 884138

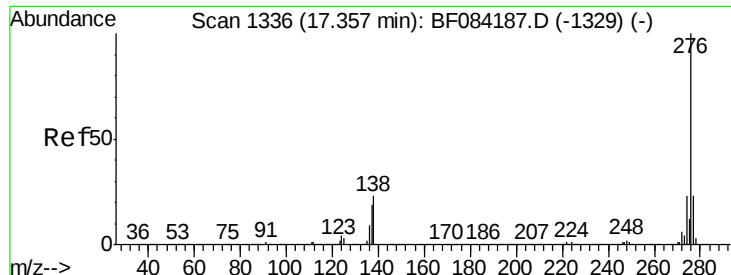
Ion Ratio Lower Upper

278 100

139 14.6 15.0 22.4#

279 23.5 18.9 28.3





#91

Benzo(g,h,i)perylene

Concen: 40.15 ng

RT: 17.27 min Scan# 1328

Delta R.T. -0.09 min

Lab File: BF084387.D

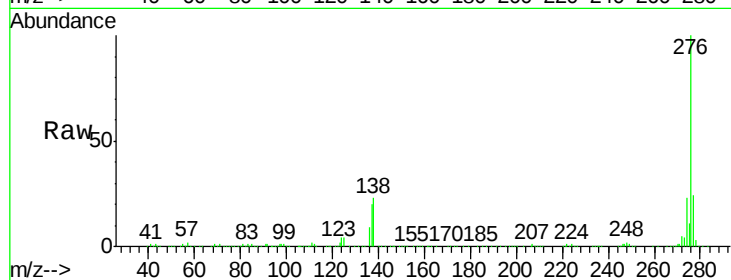
Acq: 11 Jan 2016 18:44

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP



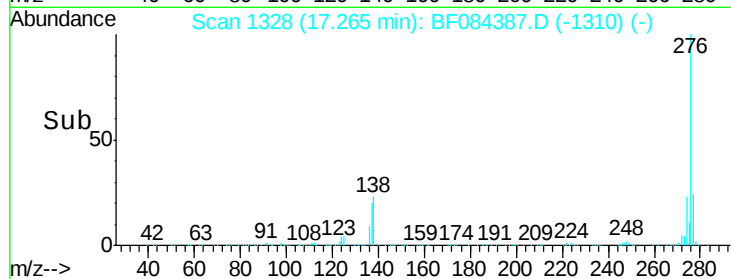
Tgt Ion: 276 Resp: 841052

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 22.7 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

