

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084386.D
 Acq On : 11 Jan 2016 18:16
 Operator : SJ/UM
 Sample : H1058-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jan 12 02:13:17 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	237122	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1000106	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	429238	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	721502	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	468348	20.00	ng	-0.05
86) Perylene-d12	15.45	264	412245	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1570353	107.12	ng	-0.01
7) Phenol-d6	6.51	99	1977490	107.40	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1481480	82.44	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	573233	132.28	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2432598	100.88	ng	-0.05
78) Terphenyl-d14	12.97	244	1858170	88.56	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	234534	33.77	ng	# 67
3) Pyridine	3.34	79	409816	21.17	ng	# 76
4) n-Nitrosodimethylamine	3.26	42	374433	37.67	ng	# 81
6) Aniline	6.52	93	169536	6.29	ng	# 1
8) 2-Chlorophenol	6.65	128	735386	44.21	ng	92
9) Benzaldehyde	6.40	77	158369	13.21	ng	93
10) Phenol	6.52	94	847133	40.47	ng	94
11) bis(2-Chloroethyl)ether	6.60	93	730324	45.04	ng	92
12) 1,3-Dichlorobenzene	6.88	146	766368	44.67	ng	98
13) 1,4-Dichlorobenzene	6.88	146	766368	44.54	ng	93
14) 1,2-Dichlorobenzene	7.02	146	655168	39.76	ng	96
15) Benzyl Alcohol	7.00	79	627856	40.54	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1131346	38.31	ng	94
17) 2-Methylphenol	7.13	107	597815	42.88	ng	# 91
18) Hexachloroethane	7.37	117	284966	41.42	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	495003	39.72	ng	# 72
20) 3+4-Methylphenols	7.28	107	711808	43.44	ng	# 62
22) Acetophenone	7.26	105	1061119	44.12	ng	97
24) Nitrobenzene	7.45	77	838802	46.02	ng	89
25) Isophorone	7.69	82	1467846	42.71	ng	96
26) 2-Nitrophenol	7.76	139	363774	43.86	ng	# 80
27) 2,4-Dimethylphenol	7.80	122	675581	40.24	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	850082	40.49	ng	99
29) 2,4-Dichlorophenol	8.01	162	615385	44.00	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	664075	45.99	ng	# 95
31) Naphthalene	8.17	128	2218982	48.90	ng	99
32) Benzoic acid	7.94	122	362229	35.42	ng	91
33) 4-Chloroaniline	8.22	127	113524	5.46	ng	94
34) Hexachlorobutadiene	8.28	225	348895	42.04	ng	96
35) Caprolactam	8.60	113	123046	26.10	ng	# 73
36) 4-Chloro-3-methylphenol	8.72	107	721914	46.08	ng	99
37) 2-Methylnaphthalene	8.85	142	1368232	42.01	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	618607	50.13	ng	99
40) Hexachlorocyclopentadiene	9.01	237	318651	42.78	ng	97

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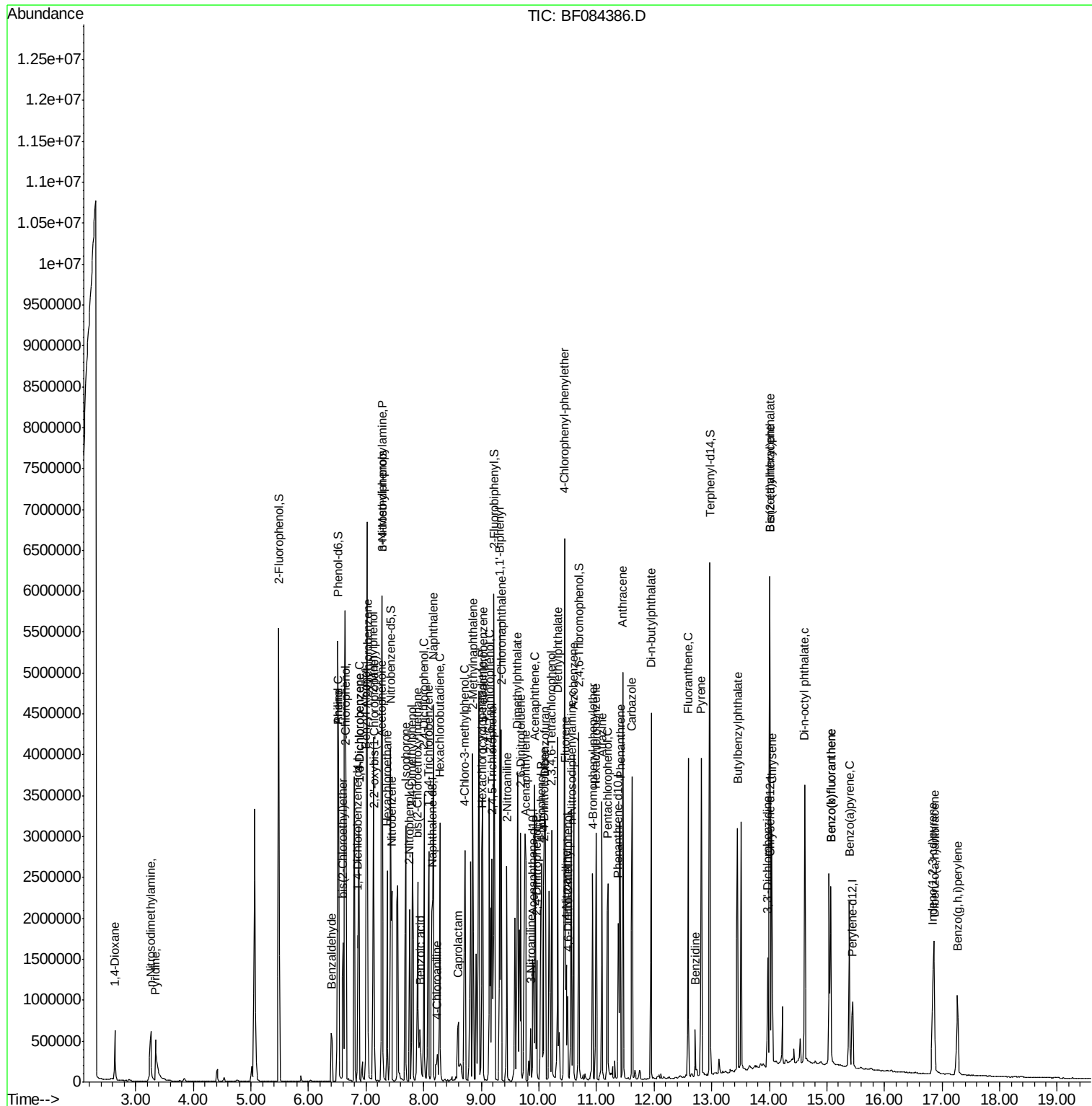
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	414125	44.86	ng	96
43) 2,4,5-Trichlorophenol	9.18	196	415843	46.99	ng	# 82
45) 1,1'-Biphenyl	9.32	154	1630020	47.78	ng	99
46) 2-Chloronaphthalene	9.34	162	1189656	44.40	ng	96
47) 2-Nitroaniline	9.45	65	472783	53.46	ng	93
48) Acenaphthylene	9.77	152	1923909	48.60	ng	99
49) Dimethylphthalate	9.63	163	1546168	50.39	ng	# 90
50) 2,6-Dinitrotoluene	9.69	165	320092	47.56	ng	# 52
51) Acenaphthene	9.93	154	1321178	49.75	ng	98
52) 3-Nitroaniline	9.86	138	157592	18.90	ng	# 73
53) 2,4-Dinitrophenol	9.96	184	179611	63.42	ng	# 89
54) Dibenzofuran	10.11	168	1780338	52.24	ng	99
55) 4-Nitrophenol	10.04	139	465672	76.93	ng	86
56) 2,4-Dinitrotoluene	10.09	165	414685	48.68	ng	# 79
57) Fluorene	10.45	166	1301293	49.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	342799	45.37	ng	94
59) Diethylphthalate	10.33	149	1481147	48.95	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	644473	60.08	ng	98
61) 4-Nitroaniline	10.48	138	322036	43.32	ng	89
62) Azobenzene	10.60	77	1627600	49.05	ng	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	143859	32.90	ng	95
65) n-Nitrosodiphenylamine	10.57	169	1180731	51.18	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	422929	54.46	ng	96
67) Hexachlorobenzene	10.99	284	389352	44.55	ng	# 79
68) Atrazine	11.09	200	396662	52.54	ng	98
69) Pentachlorophenol	11.20	266	407198	89.85	ng	99
70) Phenanthrene	11.41	178	1875806	49.70	ng	98
71) Anthracene	11.46	178	1759196	47.55	ng	97
72) Carbazole	11.62	167	1663658	46.00	ng	98
73) Di-n-butylphthalate	11.95	149	2225950	64.26	ng	# 96
74) Fluoranthene	12.59	202	1529227	38.79	ng	98
76) Benzidine	12.72	184	233034	13.88	ng	97
77) Pyrene	12.82	202	1495082	40.68	ng	98
79) Butylbenzylphthalate	13.45	149	815176	51.26	ng	# 88
80) Benzo(a)anthracene	14.01	228	1168557	42.49	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	269007	28.03	ng	# 97
82) Chrysene	14.04	228	1032696	39.08	ng	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	1004919	50.01	ng	# 95
84) Di-n-octyl phthalate	14.61	149	1563082	46.08	ng	# 85
85) Indeno(1,2,3-cd)pyrene	16.84	276	1022781	48.83	ng	100
87) Benzo(b)fluoranthene	15.07	252	2269129	84.15	ng	98
88) Benzo(k)fluoranthene	15.07	252	2269129	102.89	ng	# 97
89) Benzo(a)pyrene	15.39	252	1080214	47.23	ng	99
90) Dibenzo(a,h)anthracene	16.87	278	849486	43.16	ng	# 96
91) Benzo(g,h,i)perylene	17.27	276	824426	40.45	ng	98

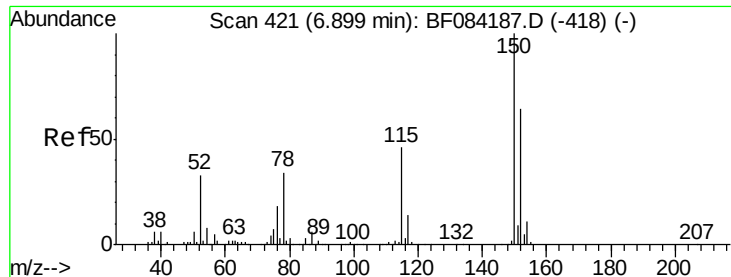
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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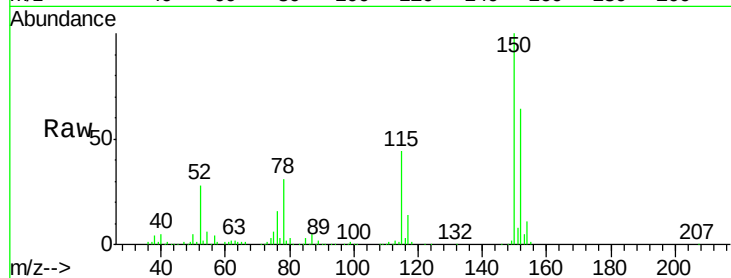


#1

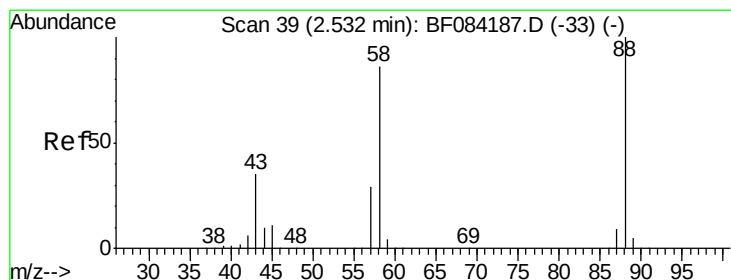
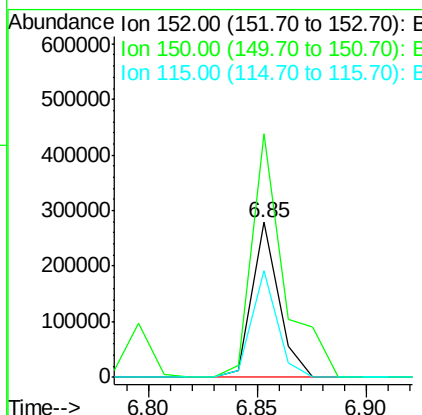
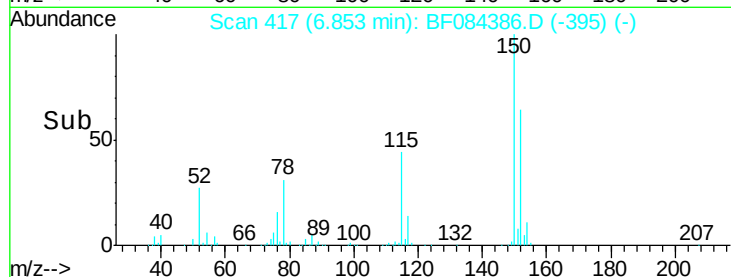
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084386.D
Acq: 11 Jan 2016 18:16

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.0	184.4
115	69.3	51.4	77.2



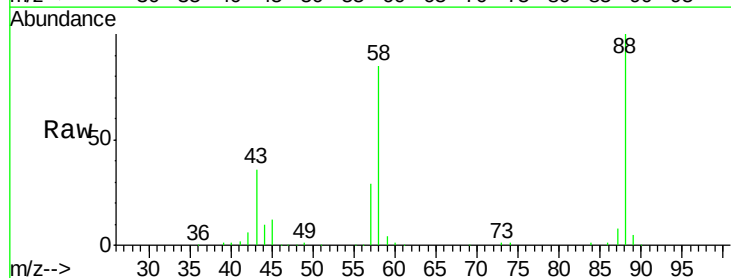
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



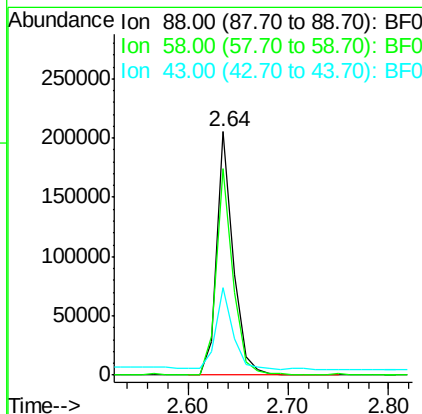
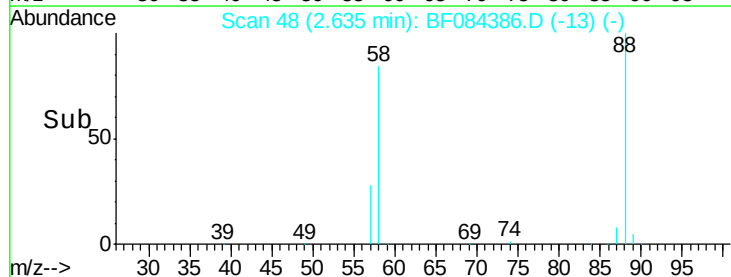
#2

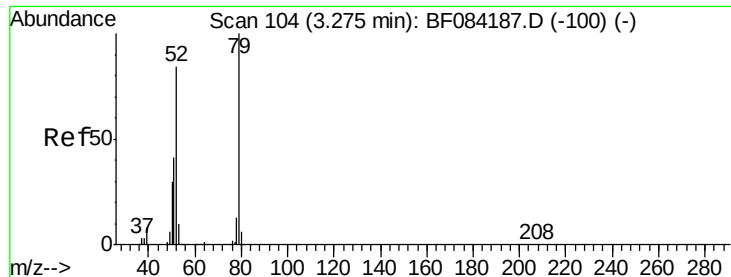
1,4-Dioxane
Concen: 33.77 ng
RT: 2.64 min Scan# 48
Delta R.T. 0.10 min
Lab File: BF084386.D
Acq: 11 Jan 2016 18:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.1	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: 21.17 ng

RT: 3.34 min Scan# 110

Delta R.T. 0.07 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

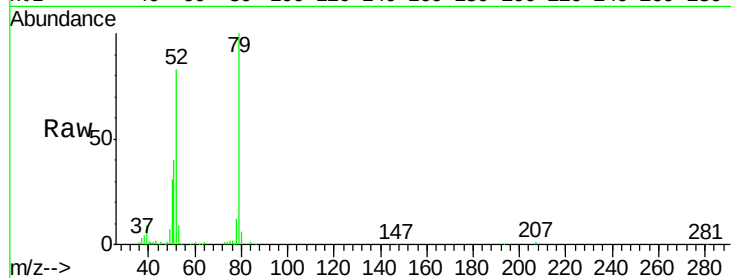
Tgt Ion: 79 Resp: 409816

Ion Ratio Lower Upper

79 100

52 82.9 49.0 73.4#

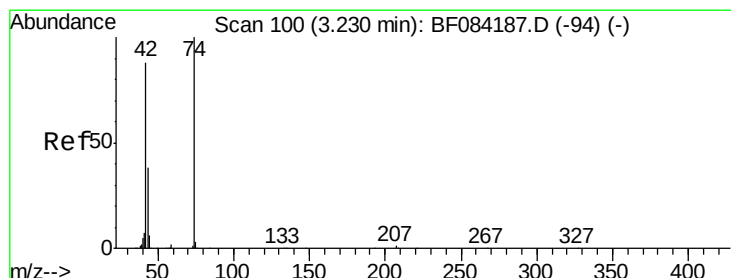
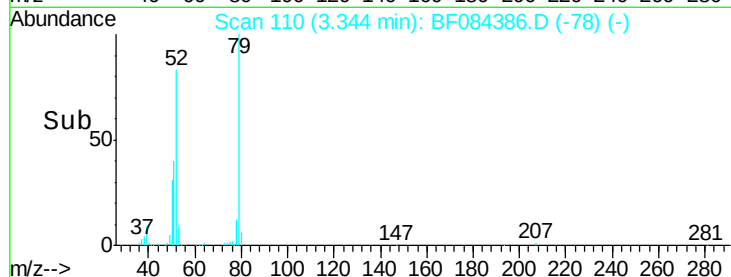
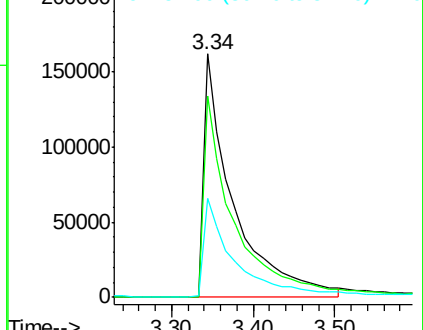
51 40.4 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.67 ng

RT: 3.26 min Scan# 103

Delta R.T. 0.03 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

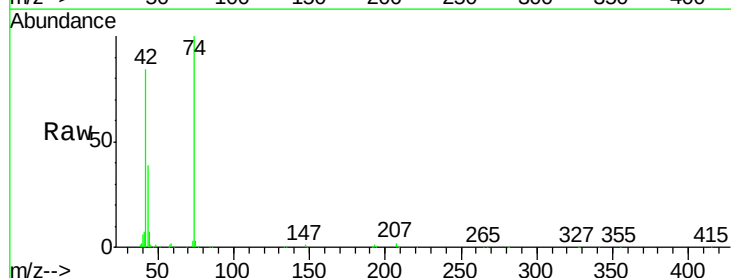
Tgt Ion: 42 Resp: 374433

Ion Ratio Lower Upper

42 100

74 119.6 115.7 173.5

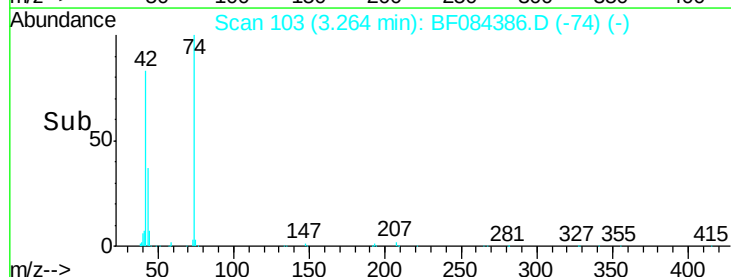
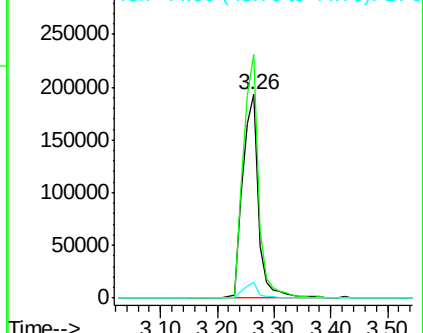
44 8.1 5.1 7.7#

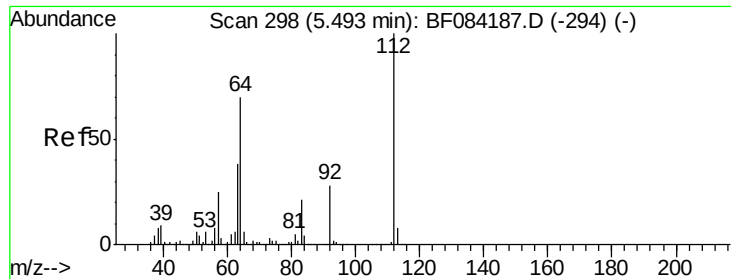


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 107.12 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084386.D

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CONTAMINATED-DRUM(1-2)COMP

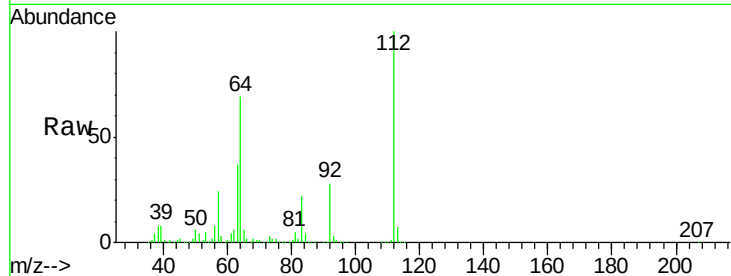
Tgt Ion:112 Resp: 1570353

Ion Ratio Lower Upper

112 100

64 68.9 36.6 55.0#

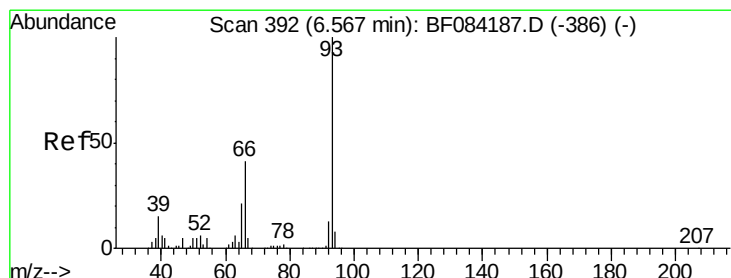
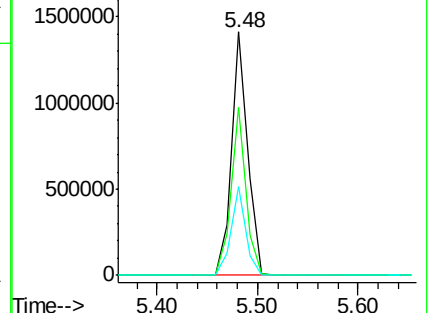
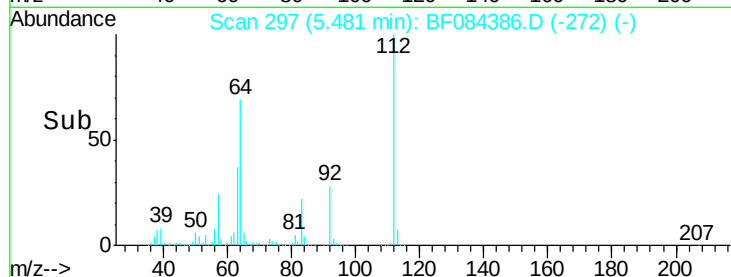
63 36.6 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 6.29 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

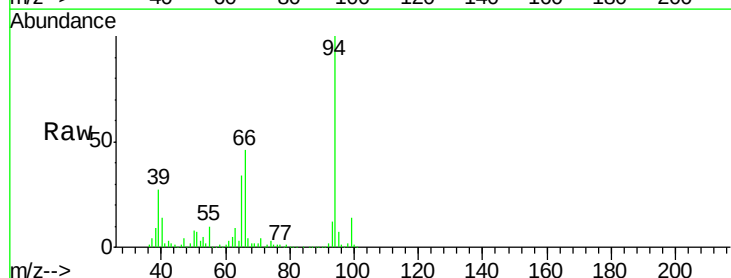
Tgt Ion: 93 Resp: 169536

Ion Ratio Lower Upper

93 100

66 383.1 44.9 67.3#

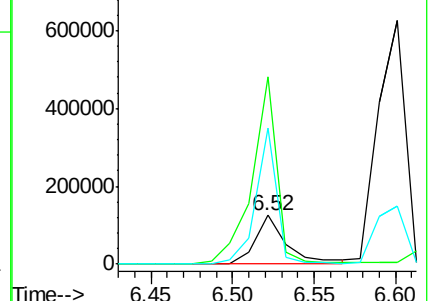
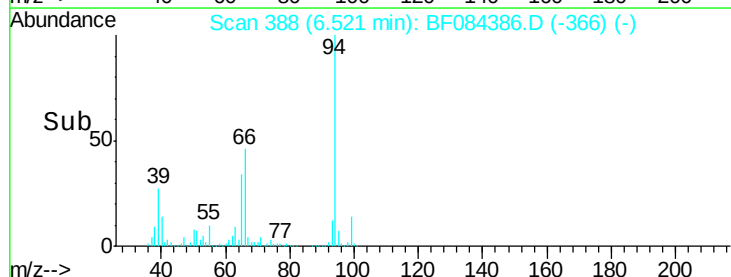
65 278.2 23.7 35.5#

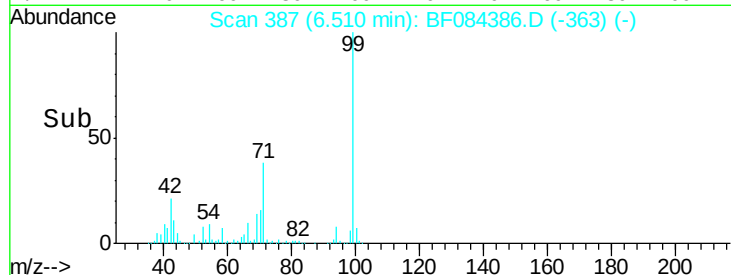
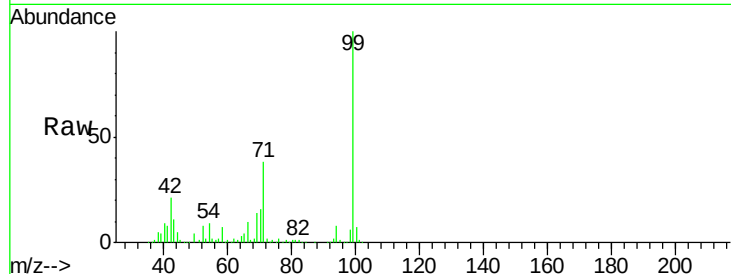
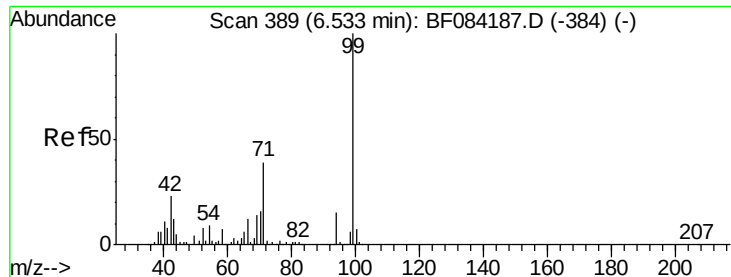


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 107.40 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

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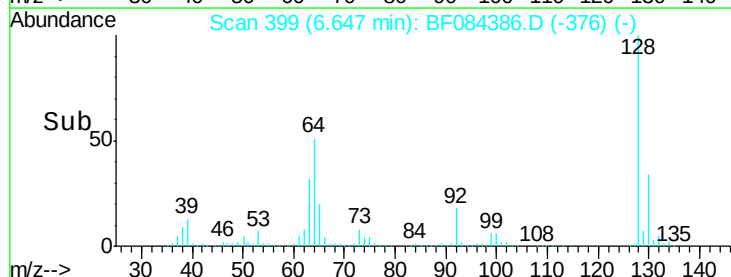
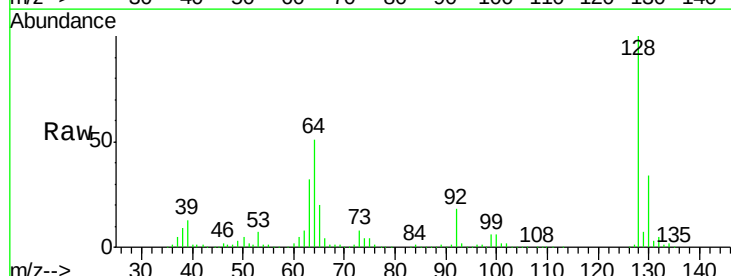
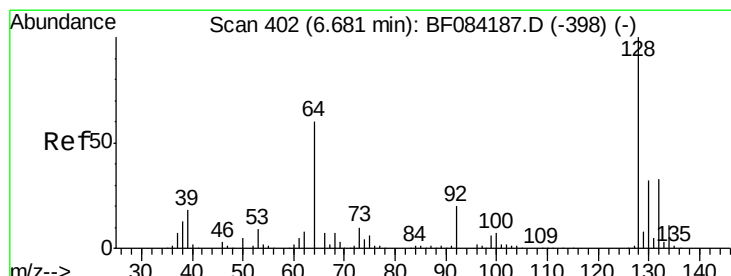
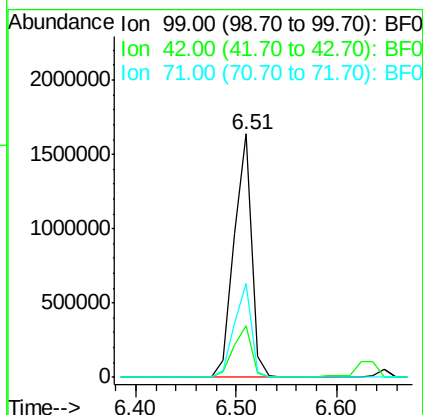
Tgt Ion: 99 Resp: 1977490

Ion Ratio Lower Upper

99 100

42 21.4 12.8 19.2#

71 38.5 30.9 46.3



#8

2-Chlorophenol

Concen: 44.21 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF084386.D

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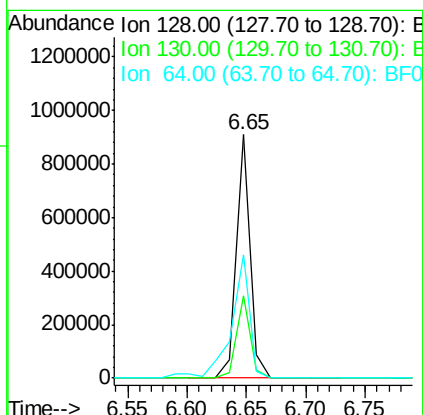
Tgt Ion: 128 Resp: 735386

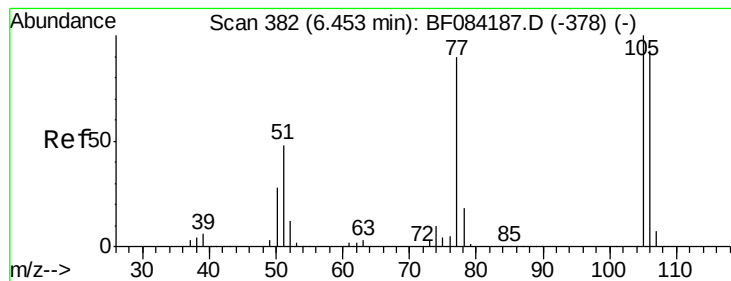
Ion Ratio Lower Upper

128 100

130 33.6 11.6 51.6

64 50.8 23.8 63.8





#9

Benzaldehyde

Concen: 13.21 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.06 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

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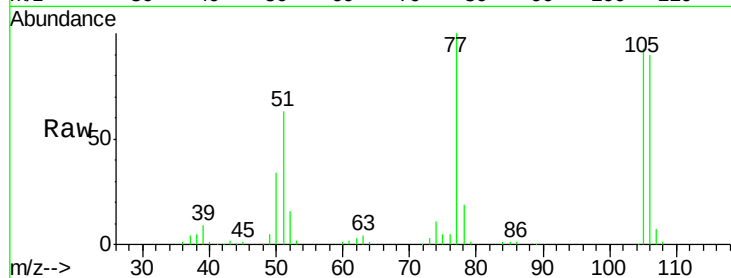
Tgt Ion: 77 Resp: 158369

Ion Ratio Lower Upper

77 100

105 93.4 83.0 123.0

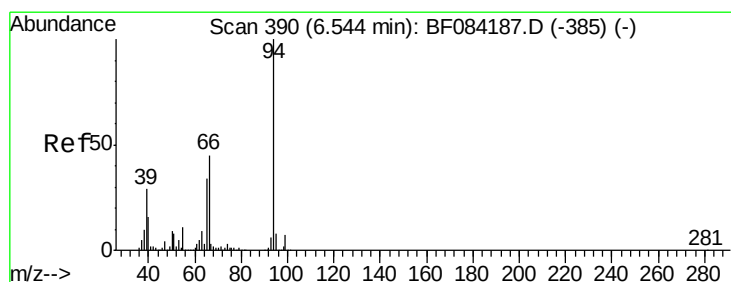
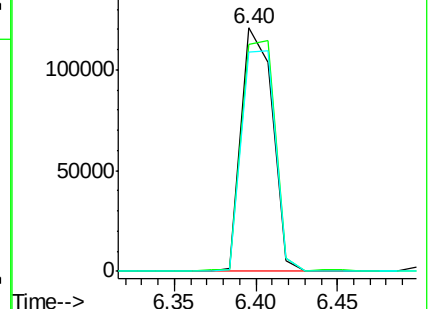
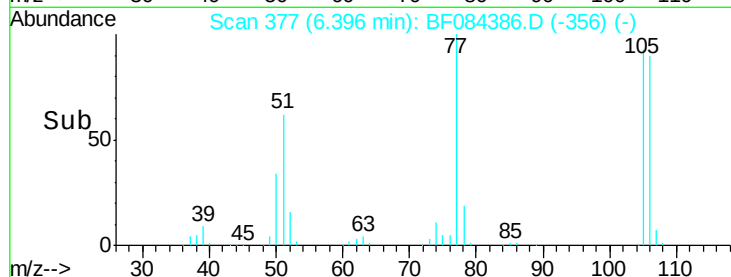
106 90.2 74.6 114.6



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: 40.47 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

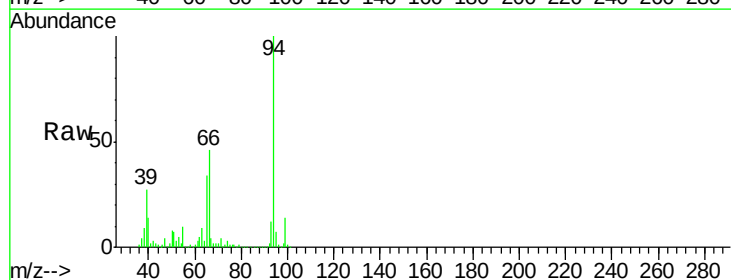
Tgt Ion: 94 Resp: 847133

Ion Ratio Lower Upper

94 100

65 33.7 12.9 52.9

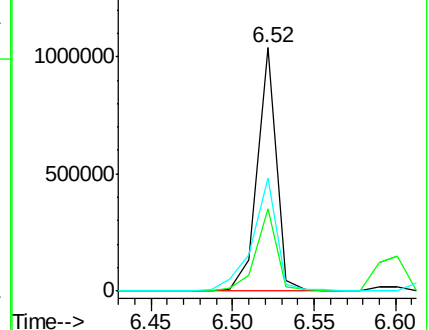
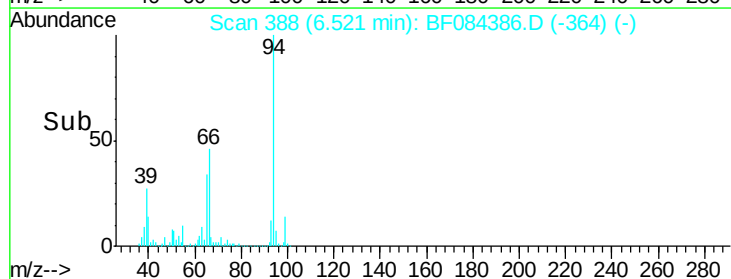
66 46.4 32.7 72.7

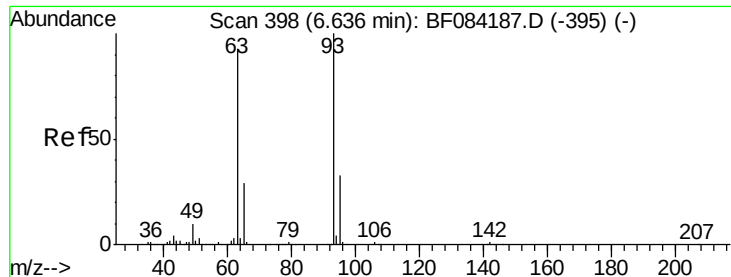


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 45.04 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

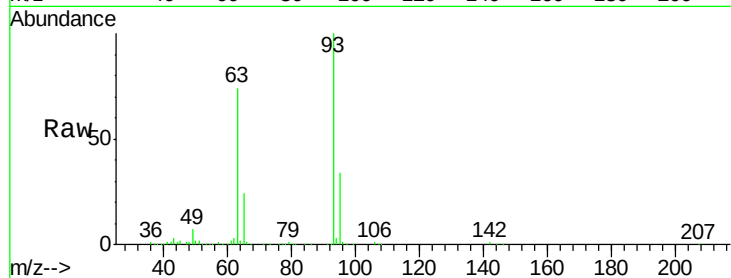
Tgt Ion: 93 Resp: 730324

Ion Ratio Lower Upper

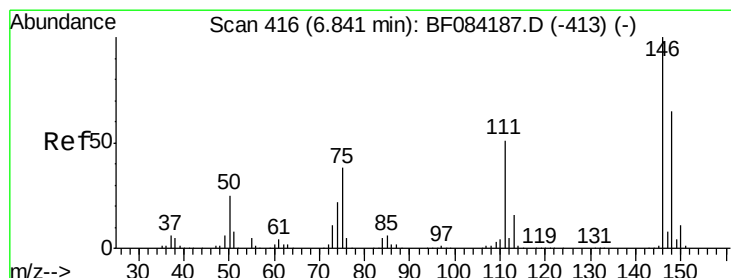
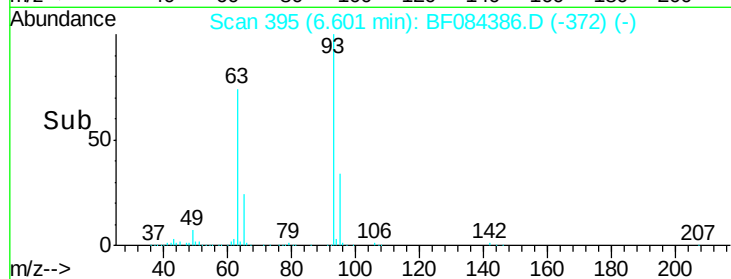
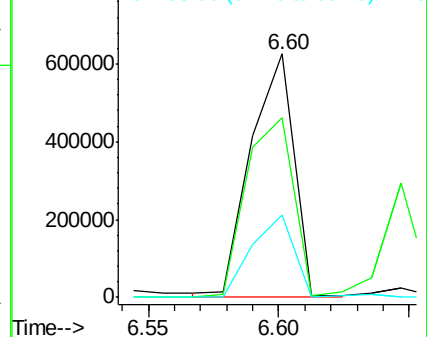
93 100

63 73.6 45.9 85.9

95 34.0 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 44.67 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.03 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

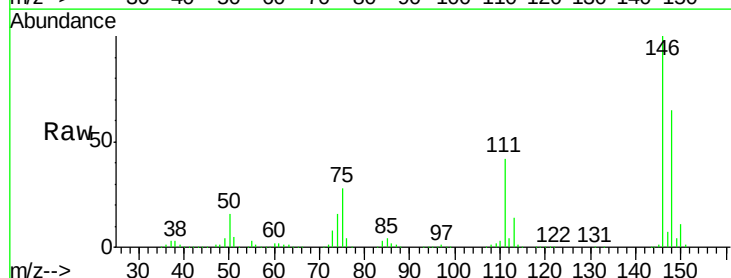
Tgt Ion: 146 Resp: 766368

Ion Ratio Lower Upper

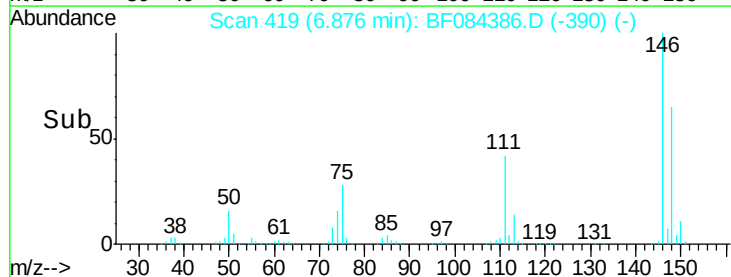
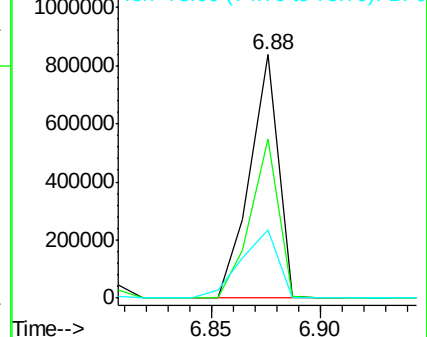
146 100

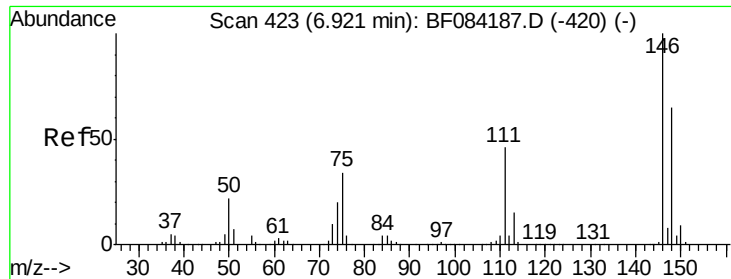
148 65.3 51.9 77.9

75 28.1 20.5 30.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

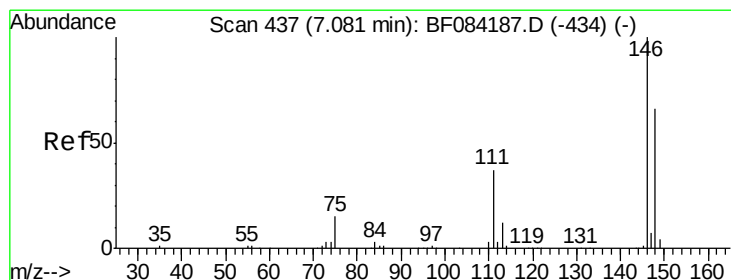
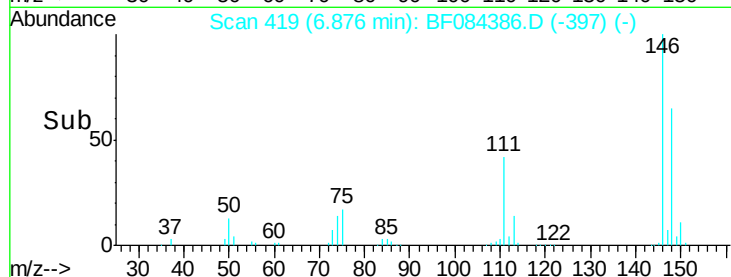
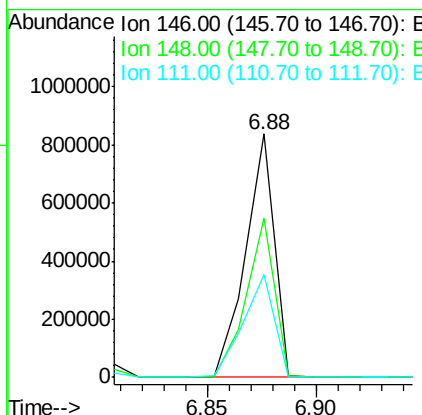
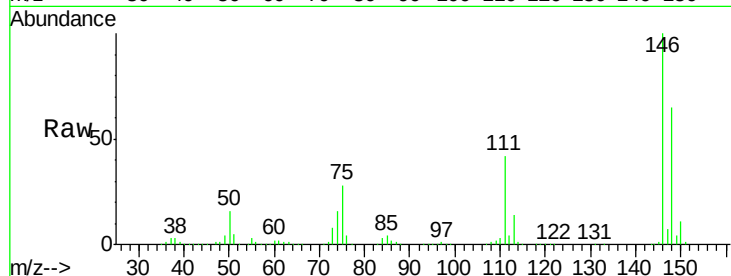




#13
 1,4-Dichlorobenzene
 Concen: 44.54 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.05 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

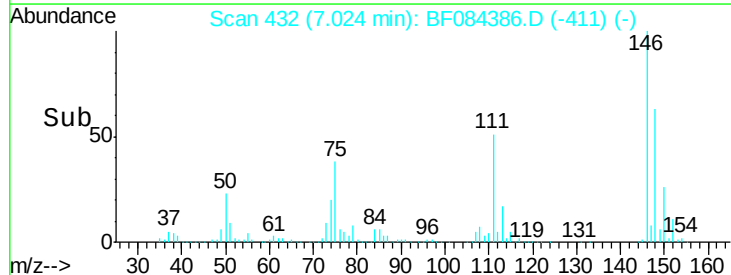
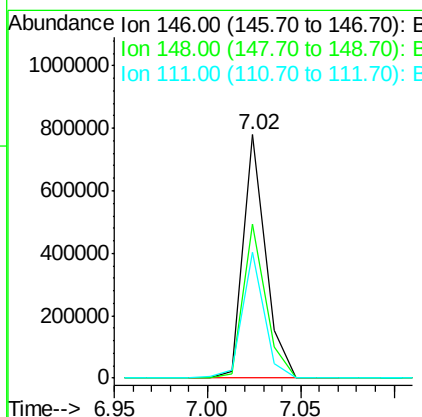
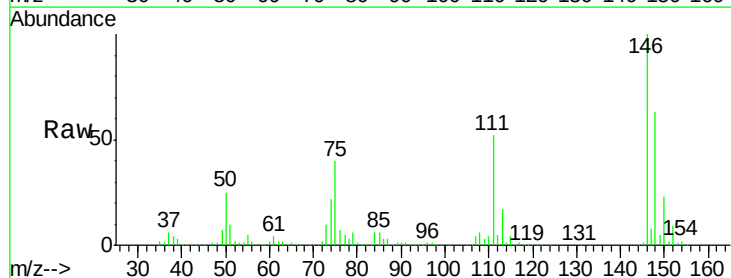
Instrument :
 BNA_F
 ClientSampleId :
 CONTAMINATED-DRUM(1-2)COMP

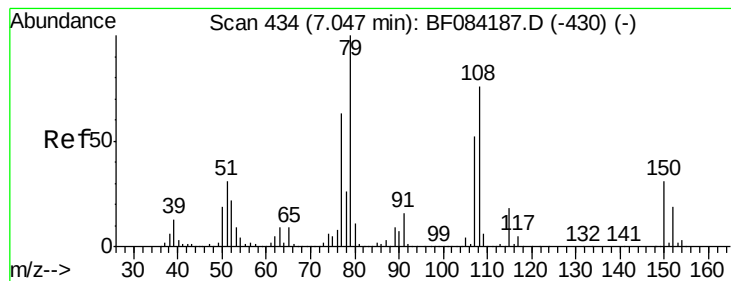
Tgt Ion:146 Resp: 766368
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.9 77.9
 111 42.1 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 39.76 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.06 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

Tgt Ion:146 Resp: 655168
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.6 77.4
 111 51.6 38.0 57.0





#15

Benzyl Alcohol

Concen: 40.54 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

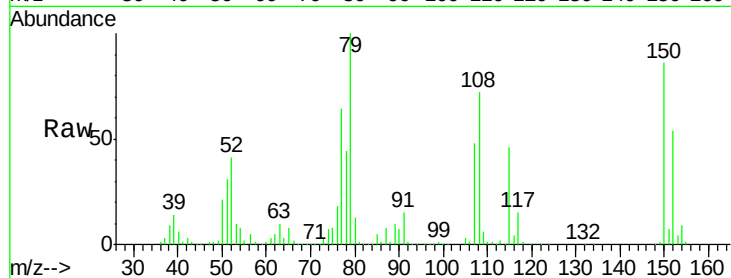
Tgt Ion: 79 Resp: 627856

Ion Ratio Lower Upper

79 100

108 71.6 69.0 103.4

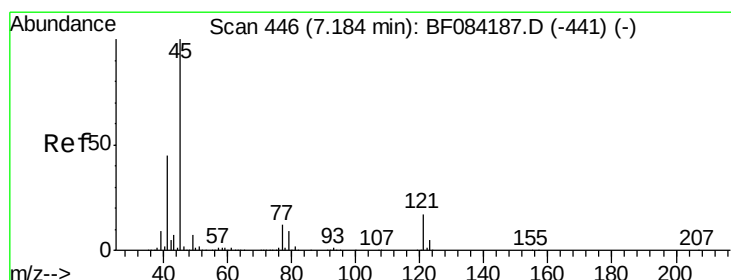
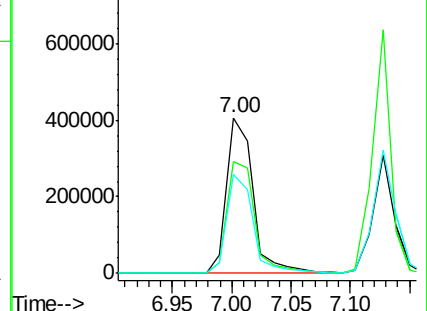
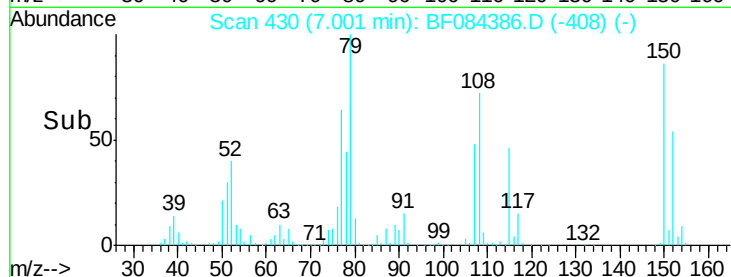
77 63.8 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.31 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

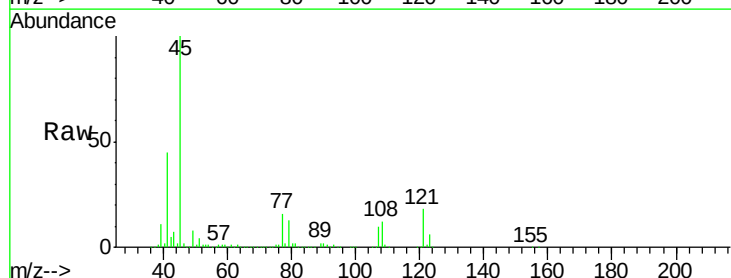
Tgt Ion: 45 Resp: 1131346

Ion Ratio Lower Upper

45 100

77 16.1 0.0 39.6

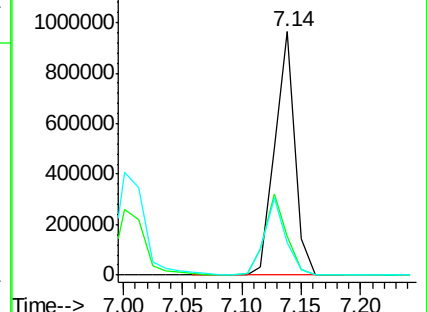
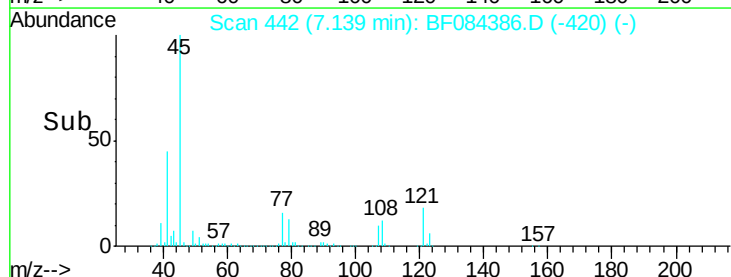
79 13.1 0.0 35.0

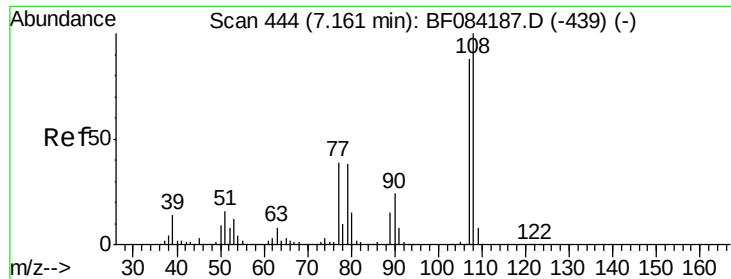


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.88 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.03 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:107 Resp: 597815

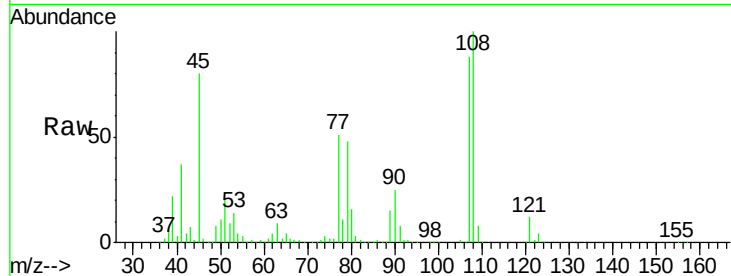
Ion Ratio Lower Upper

107 100

108 113.8 89.8 134.6

77 57.6 35.7 53.5#

79 55.0 35.7 53.5#

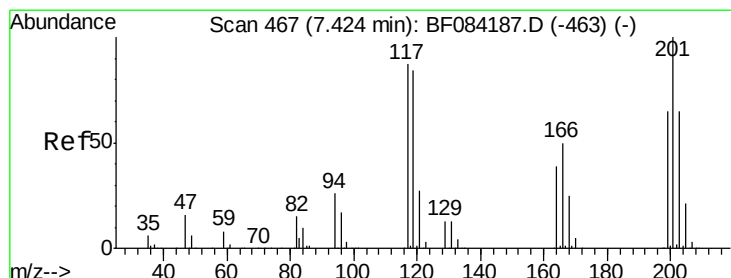
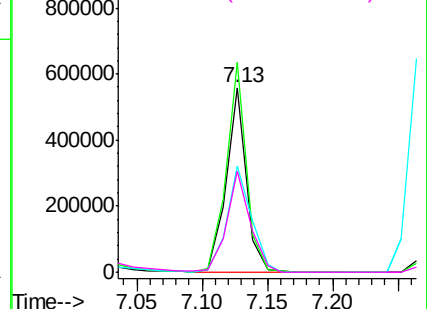
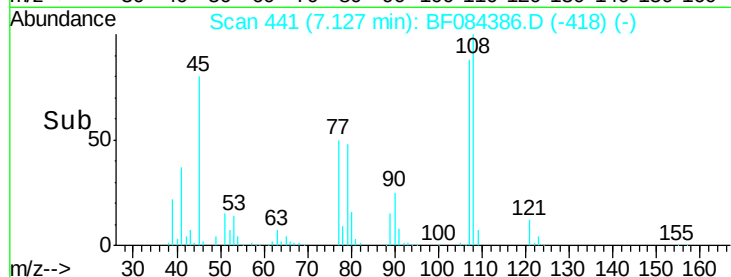


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.42 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.06 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

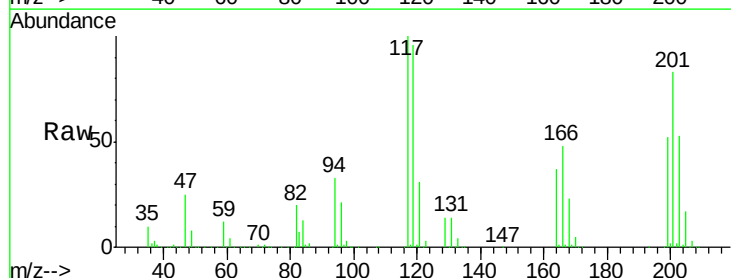
Tgt Ion:117 Resp: 284966

Ion Ratio Lower Upper

117 100

119 95.7 77.4 116.0

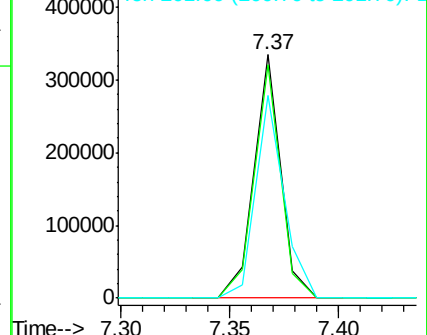
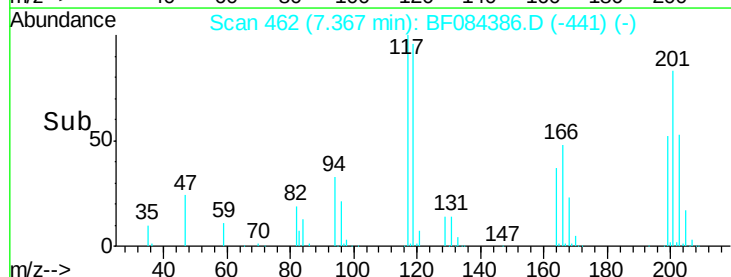
201 83.3 68.6 103.0

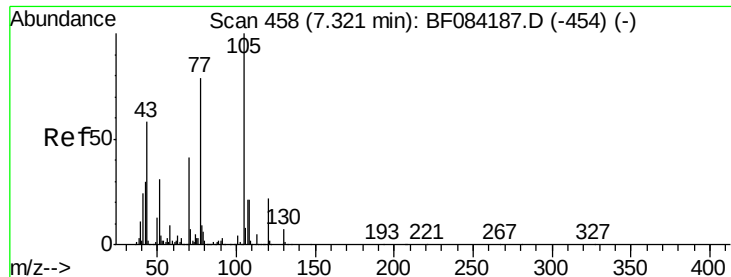


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

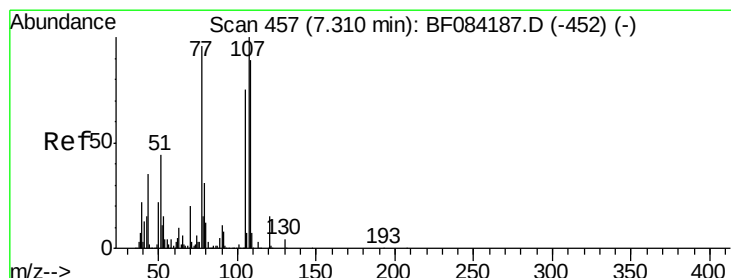
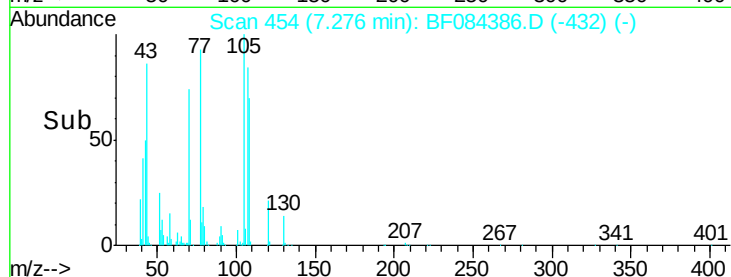
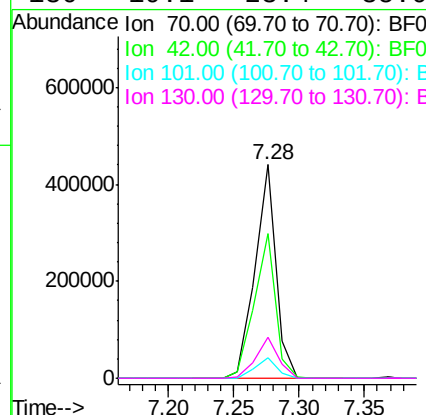
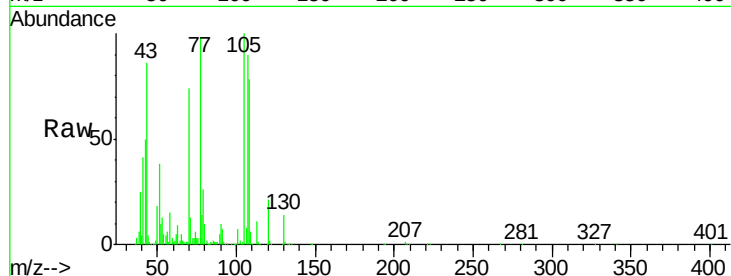




#19
n-Nitroso-di-n-propylamine
Concen: 39.72 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF084386.D
Acq: 11 Jan 2016 18:16

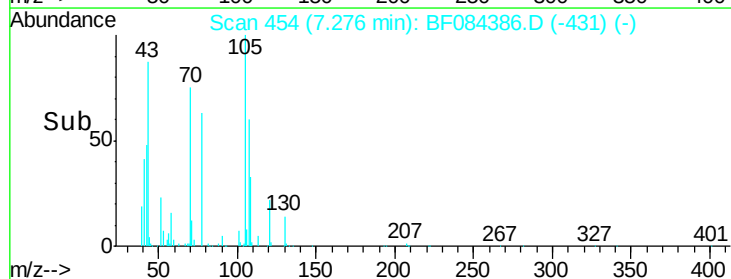
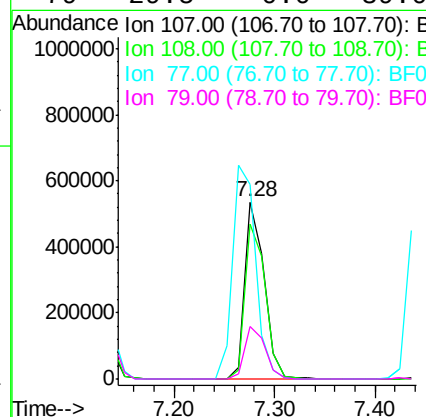
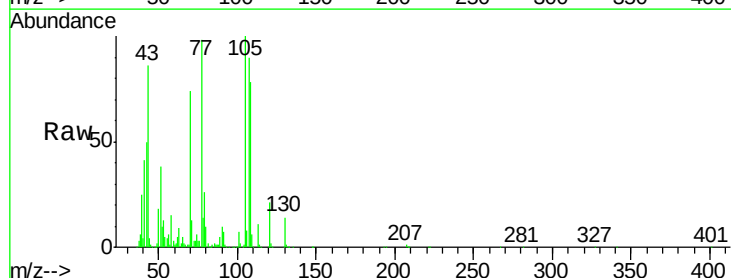
Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

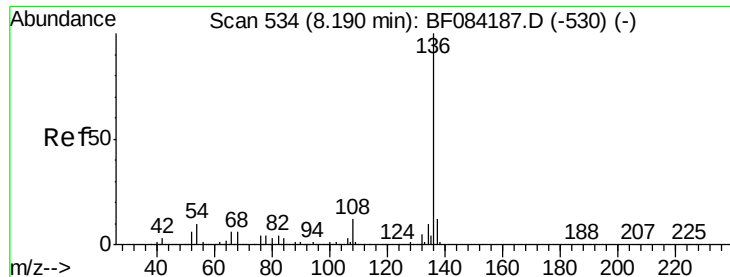
Tgt Ion: 70 Resp: 495003
Ion Ratio Lower Upper
70 100
42 67.8 33.3 49.9#
101 9.5 9.3 13.9
130 19.1 23.4 35.0#



#20
3+4-Methylphenols
Concen: 43.44 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF084386.D
Acq: 11 Jan 2016 18:16

Tgt Ion: 107 Resp: 711808
Ion Ratio Lower Upper
107 100
108 87.1 74.6 114.6
77 109.7 0.7 40.7#
79 29.5 0.0 39.0

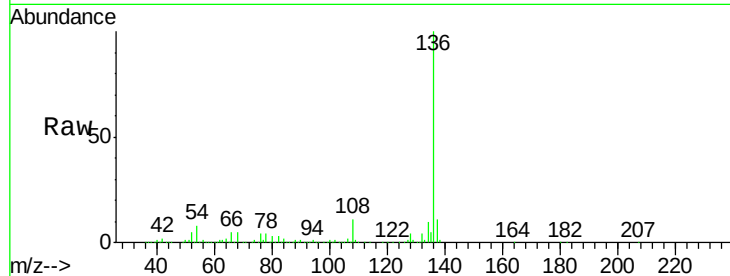




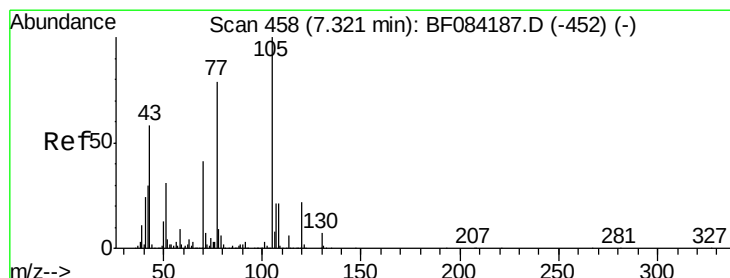
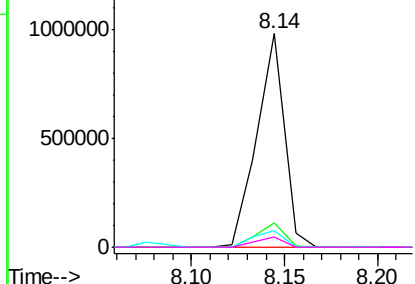
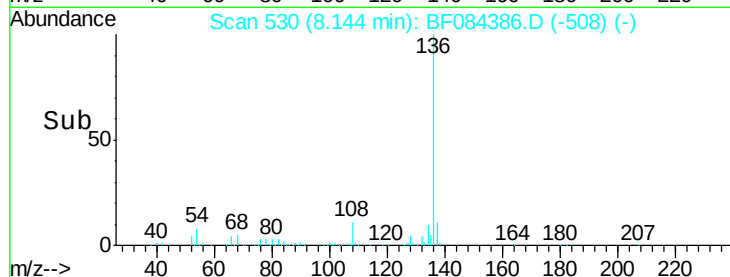
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084386.D
Acq: 11 Jan 2016 18:16

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

Tgt Ion:	136	Resp:	1000106
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.1	5.8	8.8
68	4.5	4.2	6.2

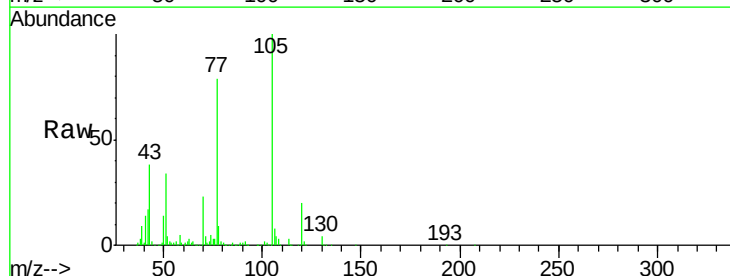


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

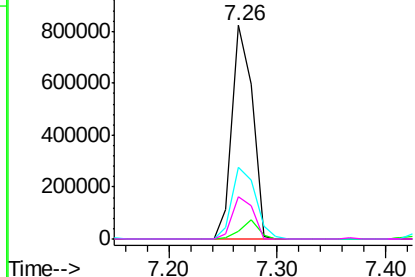
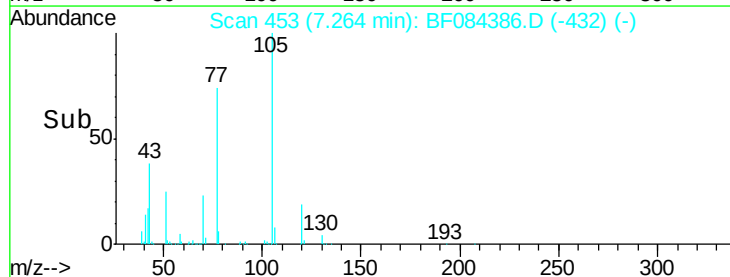


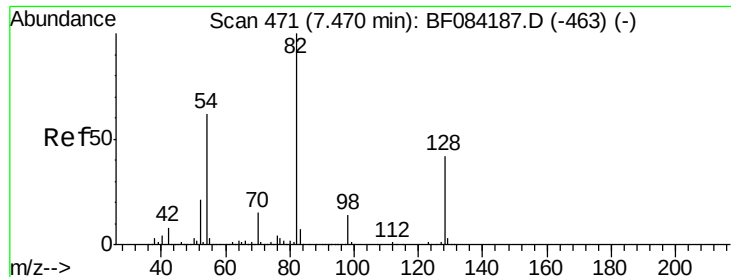
#22
Acetophenone
Concen: 44.12 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF084386.D
Acq: 11 Jan 2016 18:16

Tgt Ion:	105	Resp:	1061119
Ion	Ratio	Lower	Upper
105	100		
71	3.7	3.7	5.5
51	33.8	25.1	37.7
120	19.8	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

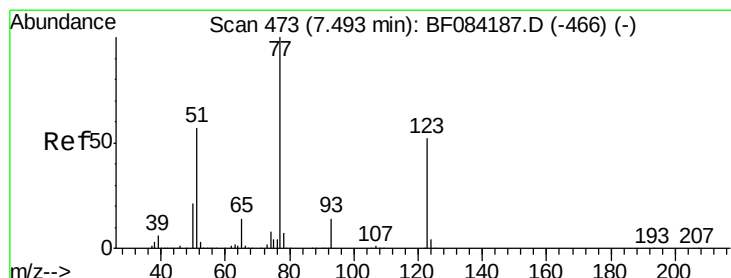
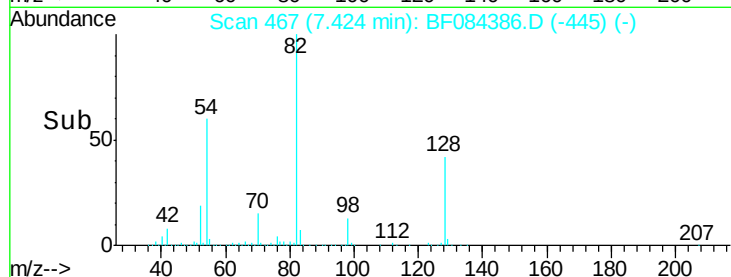
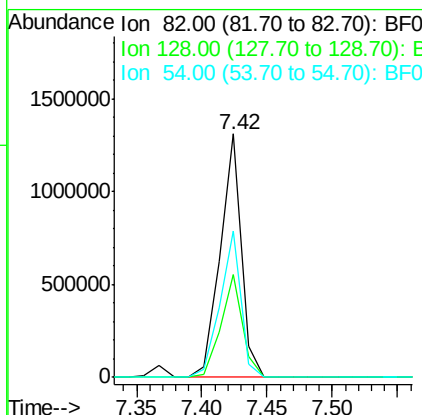
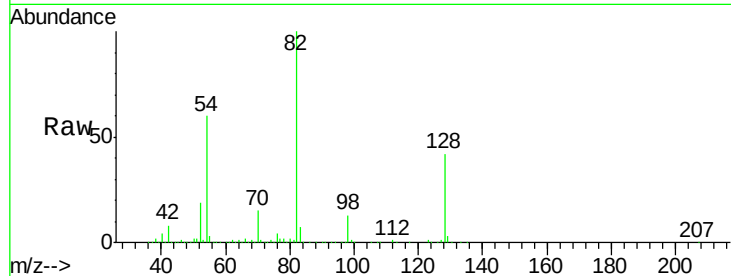




#23
 Nitrobenzene-d5
 Concen: 82.44 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

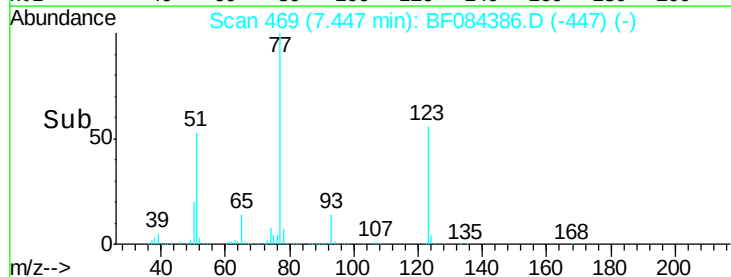
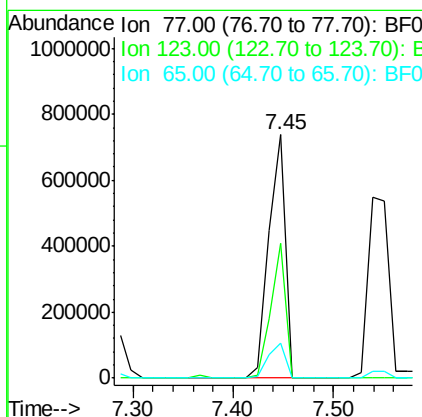
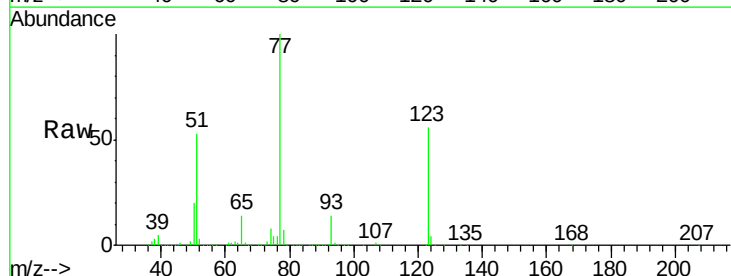
Instrument :
 BNA_F
 ClientSampleId :
 CONTAMINATED-DRUM(1-2)COMP

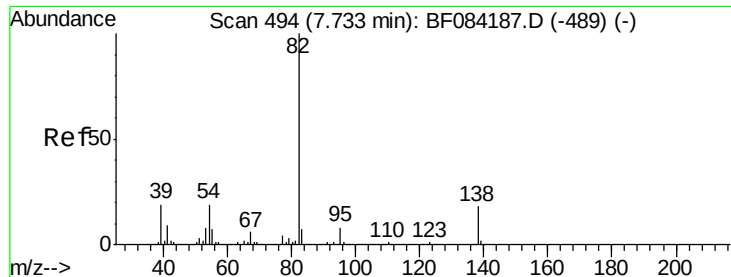
Tgt Ion: 82 Resp: 1481480
 Ion Ratio Lower Upper
 82 100
 128 42.4 34.6 51.8
 54 60.0 38.4 57.6#



#24
 Nitrobenzene
 Concen: 46.02 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.05 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

Tgt Ion: 77 Resp: 838802
 Ion Ratio Lower Upper
 77 100
 123 55.5 37.4 56.2
 65 14.3 10.9 16.3





#25

Isophorone

Concen: 42.71 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

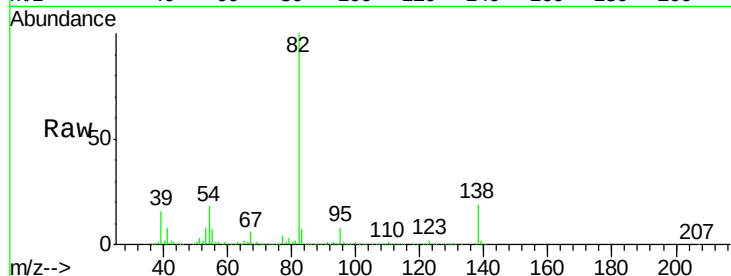
Tgt Ion: 82 Resp: 1467846

Ion Ratio Lower Upper

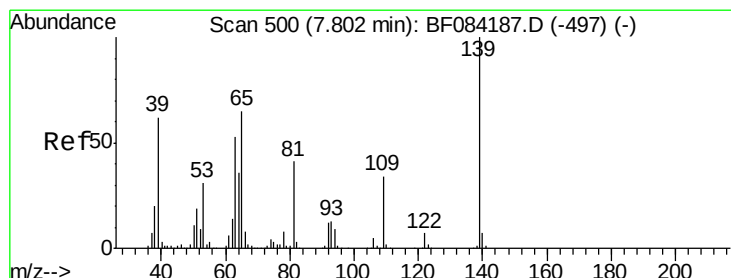
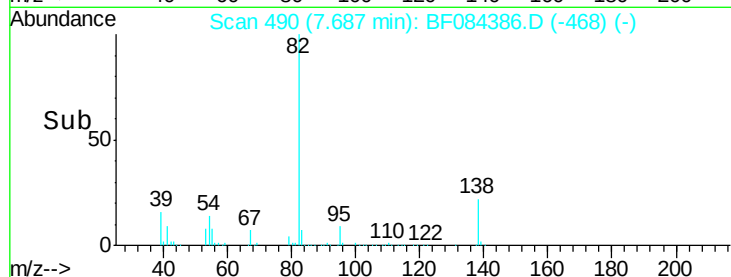
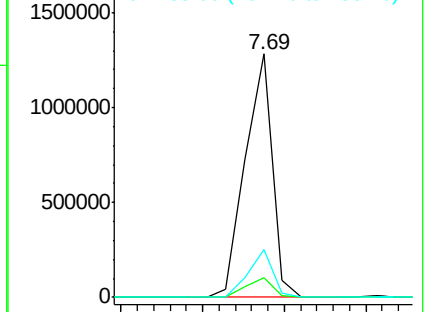
82 100

95 8.2 6.6 10.0

138 19.4 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.86 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

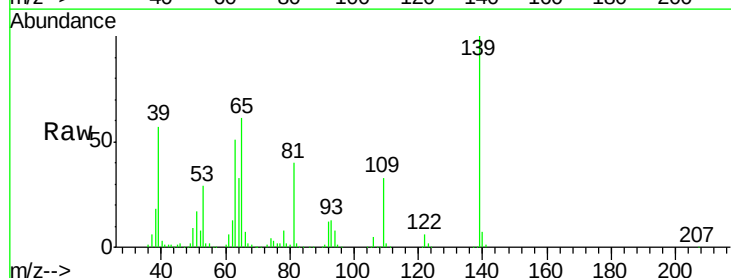
Tgt Ion: 139 Resp: 363774

Ion Ratio Lower Upper

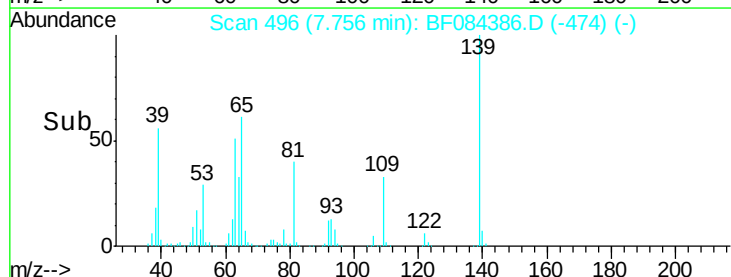
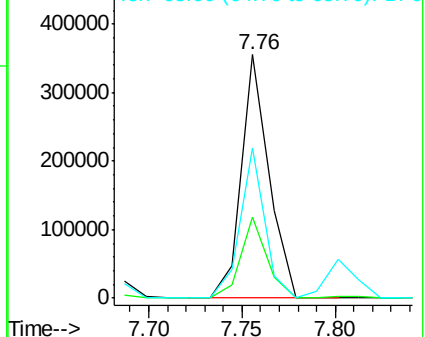
139 100

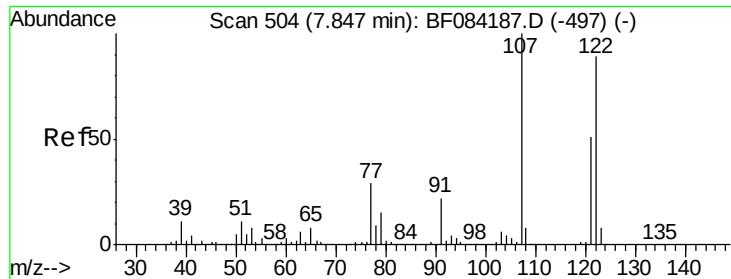
109 33.1 25.4 38.2

65 61.5 32.3 48.5#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.24 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

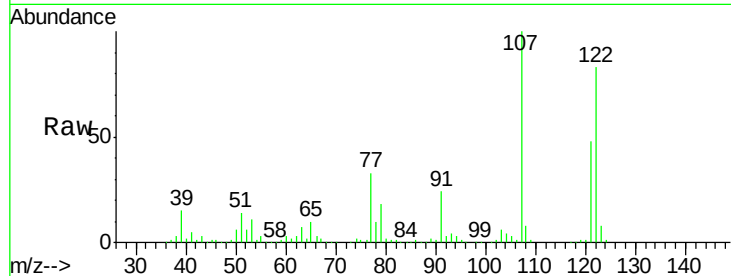
Tgt Ion:122 Resp: 675581

Ion Ratio Lower Upper

122 100

107 119.8 99.1 148.7

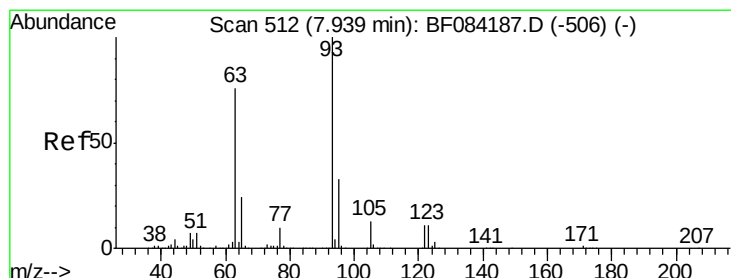
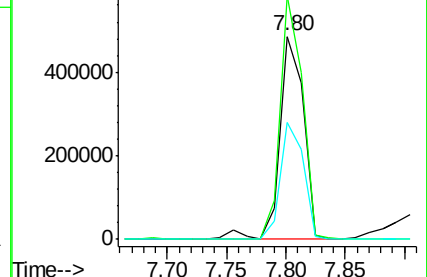
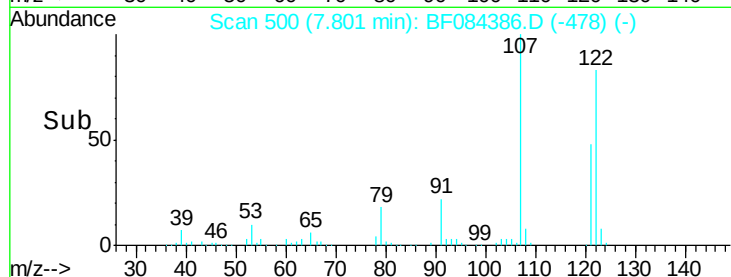
121 57.5 47.9 71.9



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: 40.49 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

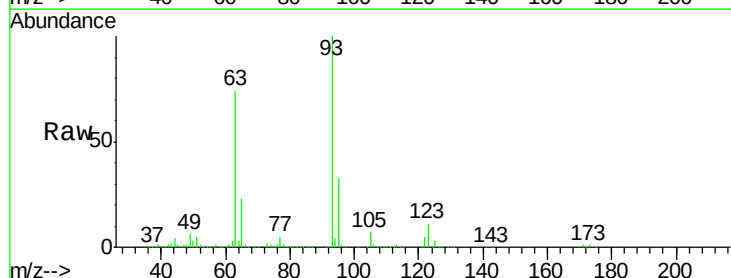
Tgt Ion: 93 Resp: 850082

Ion Ratio Lower Upper

93 100

95 33.2 25.8 38.6

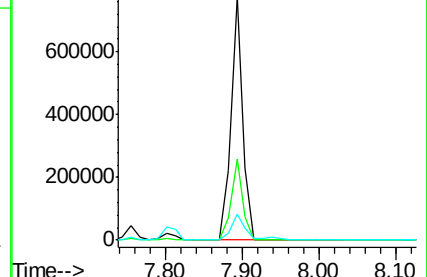
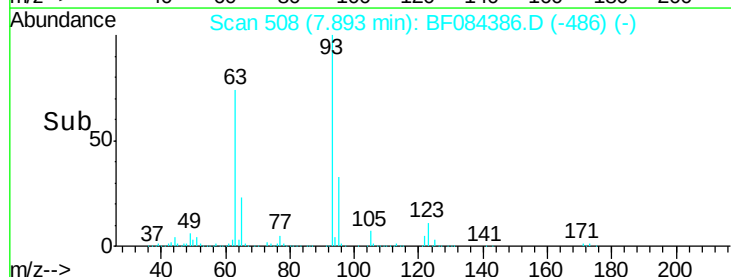
123 10.8 8.6 12.8

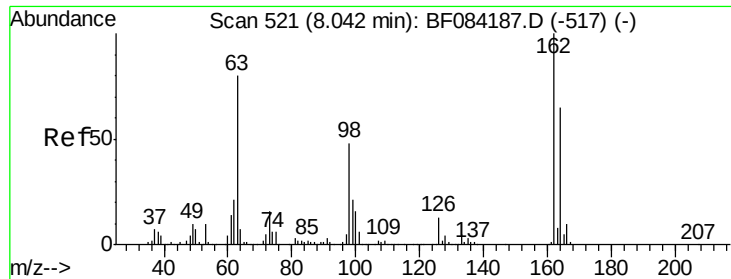


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

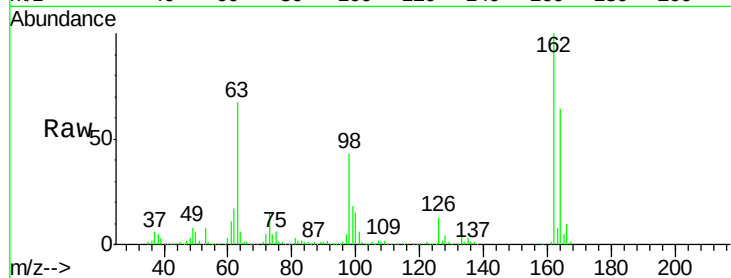




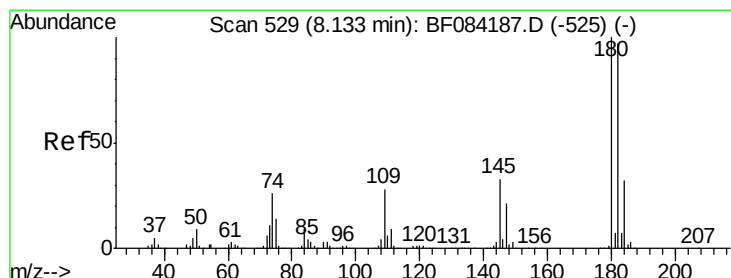
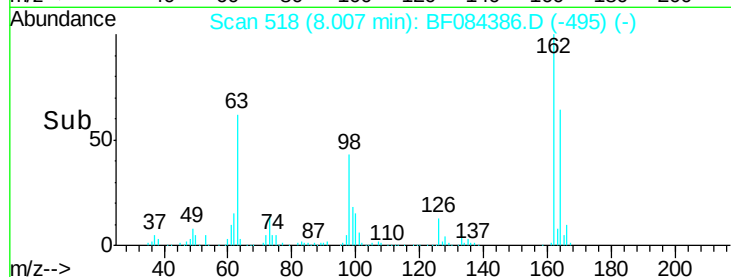
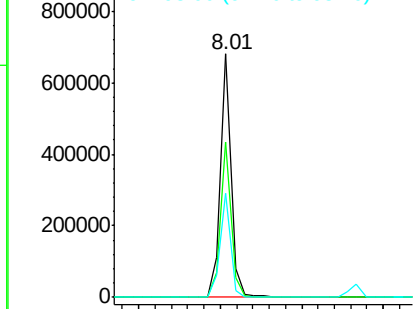
#29
 2,4-Dichlorophenol
 Concen: 44.00 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.03 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.1	84.1
98	42.6	20.2	60.2

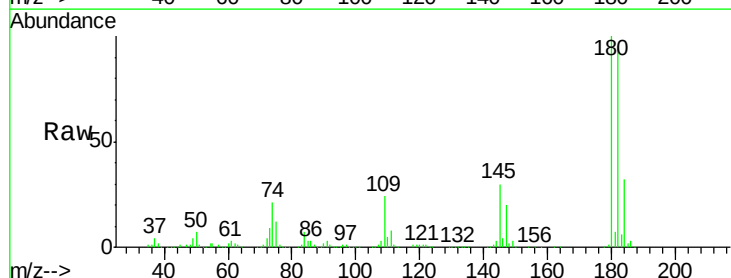


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

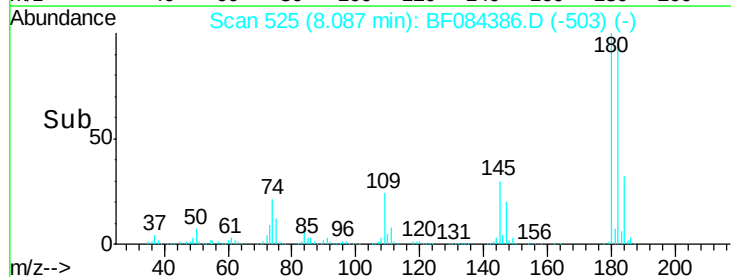
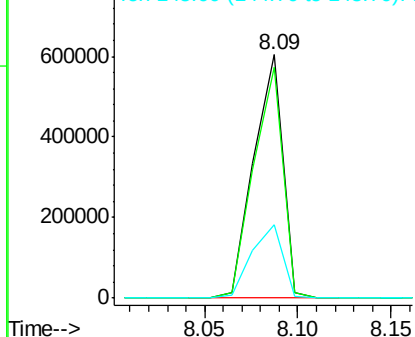


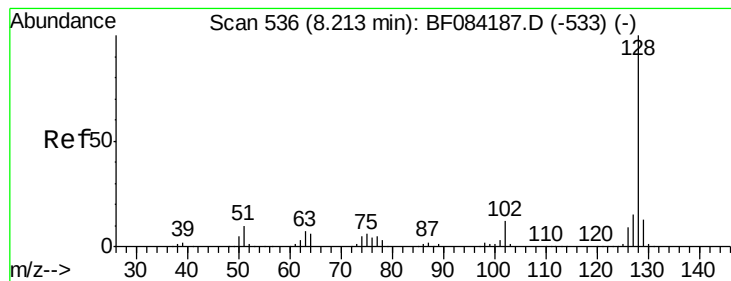
#30
 1,2,4-Trichlorobenzene
 Concen: 45.99 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.05 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.4	114.6
145	30.1	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: 48.90 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

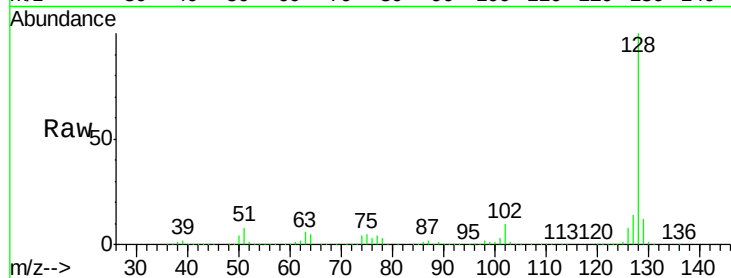
Tgt Ion:128 Resp: 2218982

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

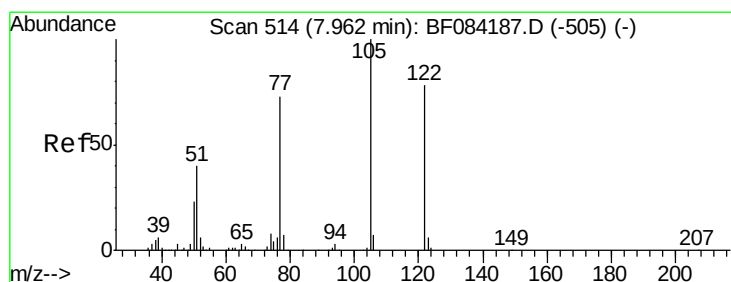
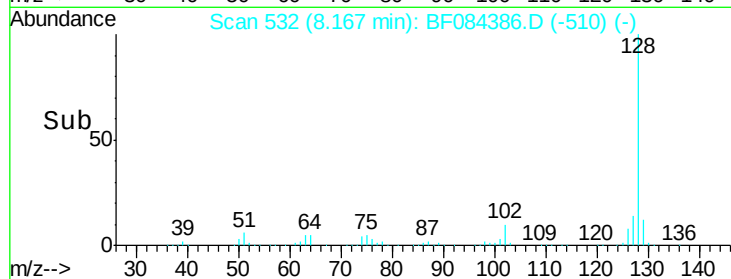
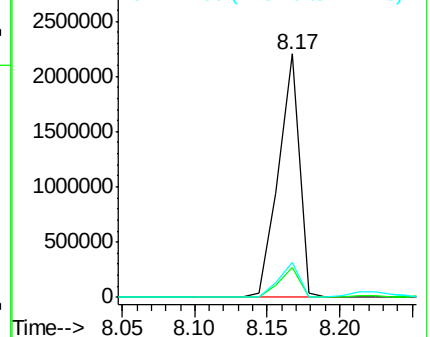
127 14.3 11.1 16.7



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: 35.42 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

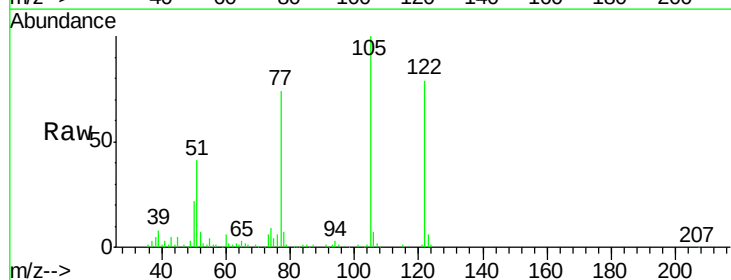
Tgt Ion:122 Resp: 362229

Ion Ratio Lower Upper

122 100

105 127.2 100.3 140.3

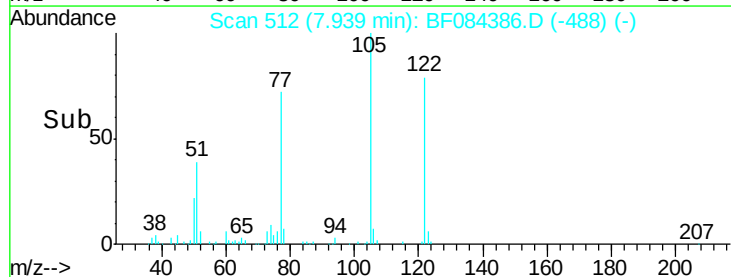
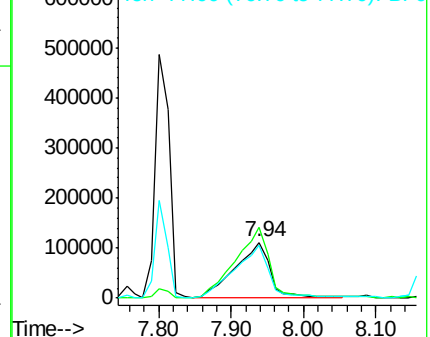
77 94.4 63.5 103.5

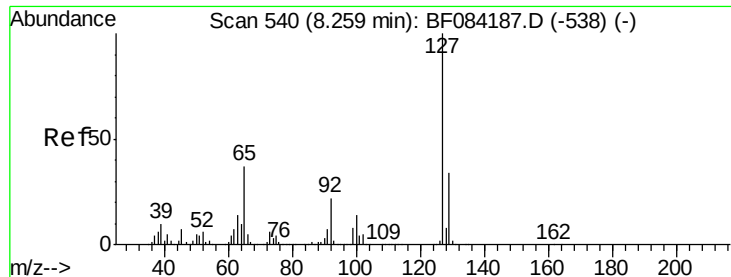


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

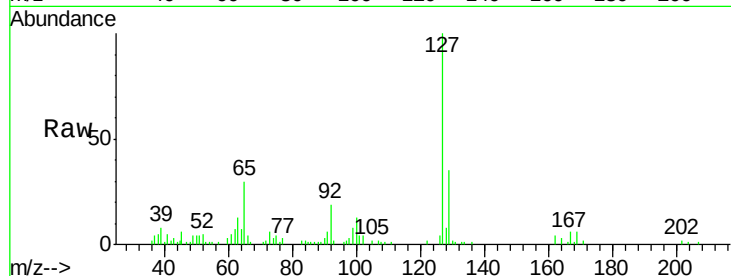




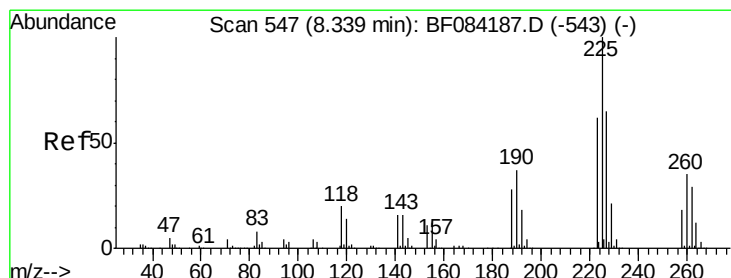
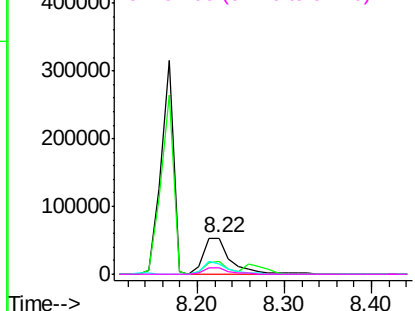
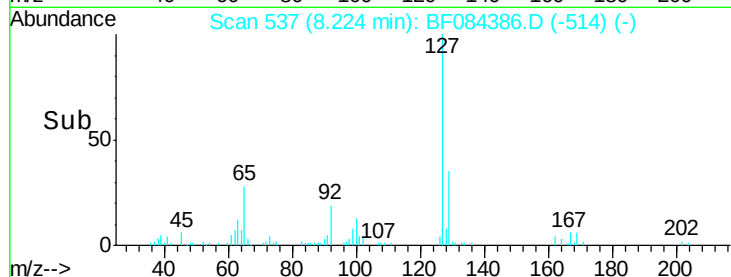
#33
4-Chloroaniline
Concen: 5.46 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084386.D
Acq: 11 Jan 2016 18:16

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

Tgt Ion:	127	Resp:	113524
Ion	Ratio	Lower	Upper
127	100		
129	35.1	26.5	39.7
65	29.6	27.2	40.8
92	18.9	17.7	26.5

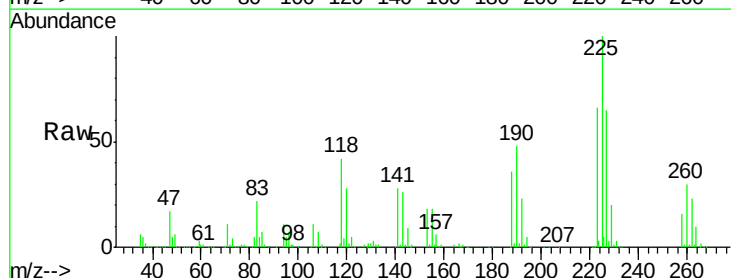


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

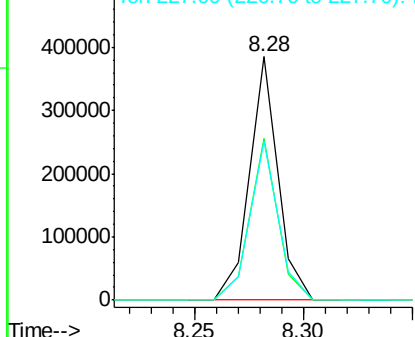
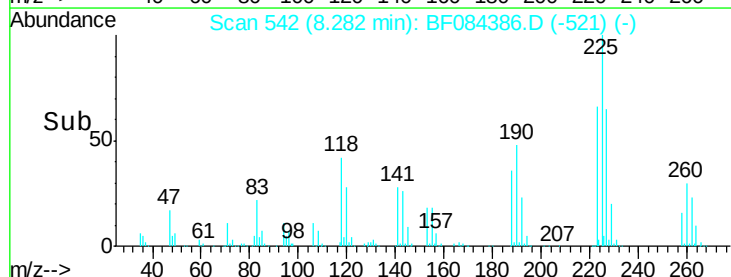


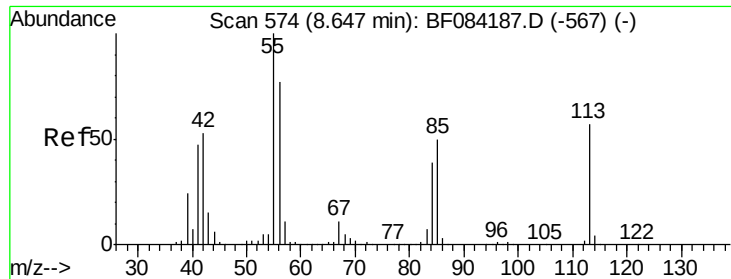
#34
Hexachlorobutadiene
Concen: 42.04 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.06 min
Lab File: BF084386.D
Acq: 11 Jan 2016 18:16

Tgt Ion:	225	Resp:	348895
Ion	Ratio	Lower	Upper
225	100		
223	66.2	49.4	74.0
227	65.3	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

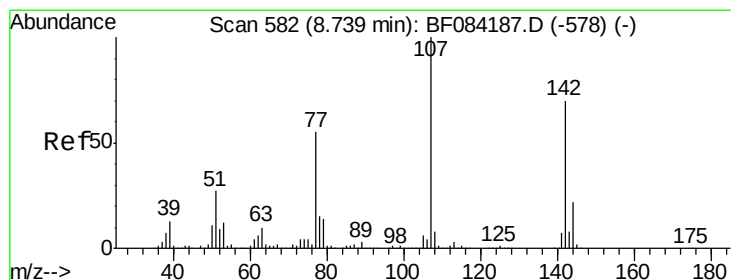
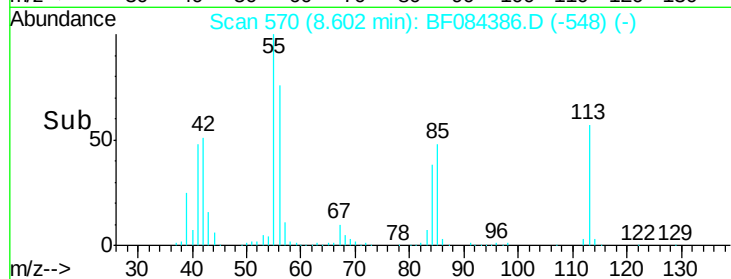
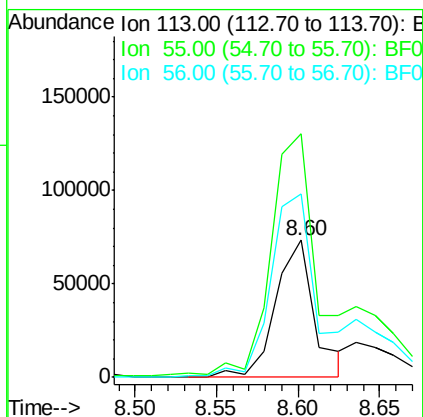
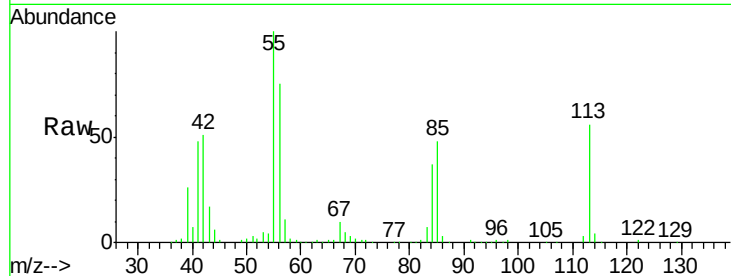




#35
 Caprolactam
 Concen: 26.10 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.05 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

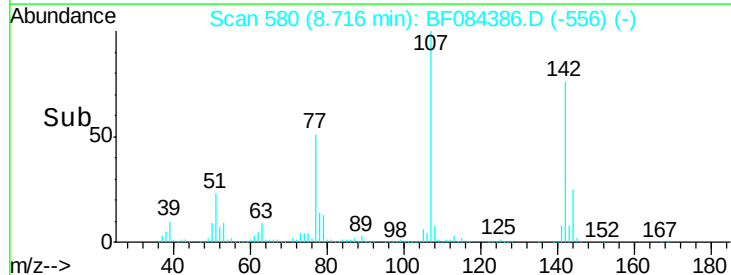
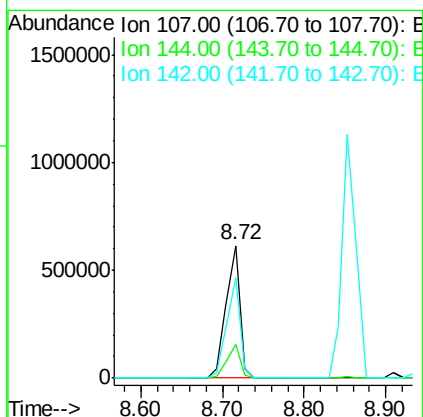
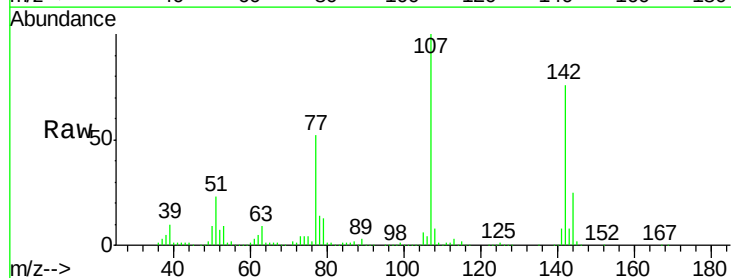
Instrument :
 BNA_F
 ClientSampleId :
 CONTAMINATED-DRUM(1-2)COMP

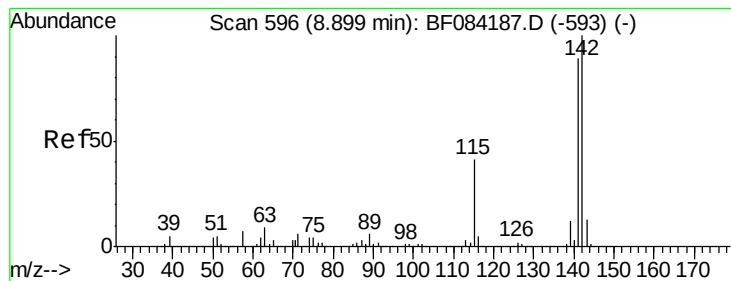
Tgt Ion:113 Resp: 123046
 Ion Ratio Lower Upper
 113 100
 55 177.3 116.9 156.9#
 56 133.8 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 46.08 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.02 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

Tgt Ion:107 Resp: 721914
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.7 29.5
 142 76.0 61.8 92.6

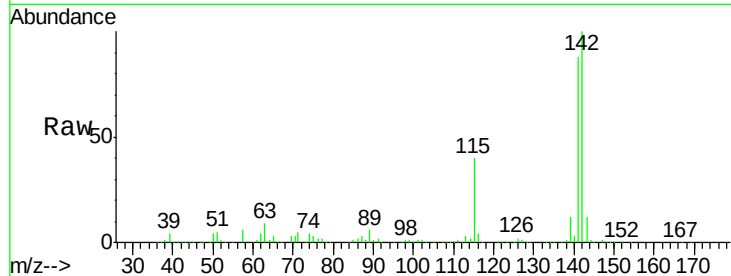




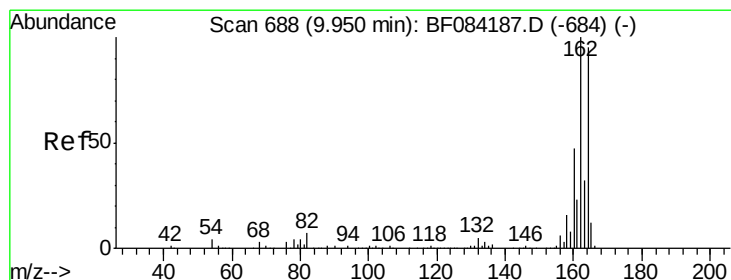
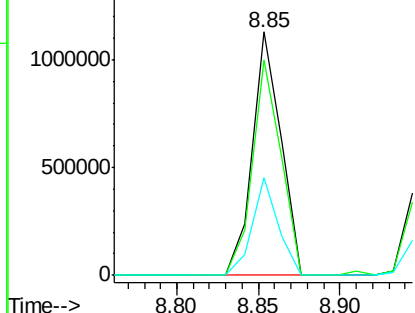
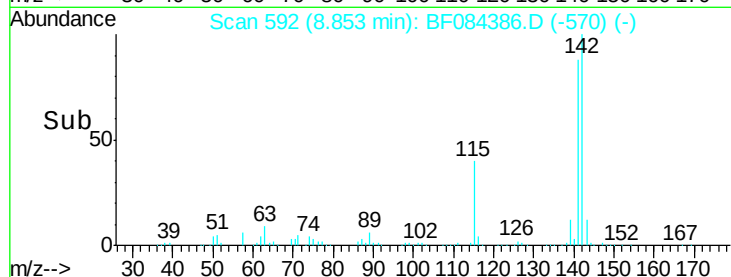
#37
 2-Methylnaphthalene
 Concen: 42.01 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.05 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

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

Tgt Ion:142 Resp: 1368232
 Ion Ratio Lower Upper
 142 100
 141 88.3 72.4 108.6
 115 40.3 27.9 41.9

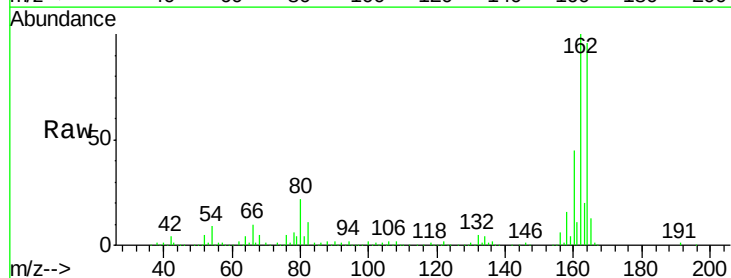


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

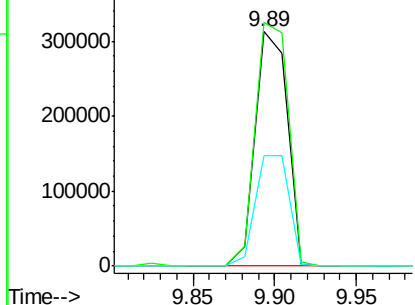
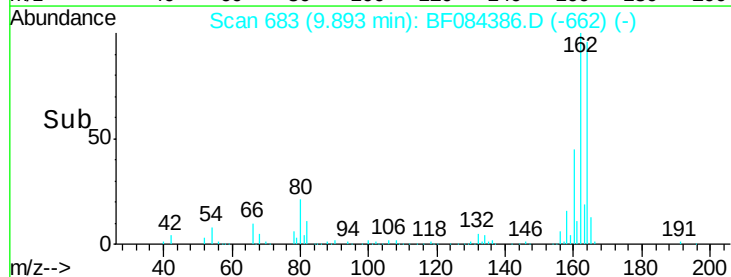


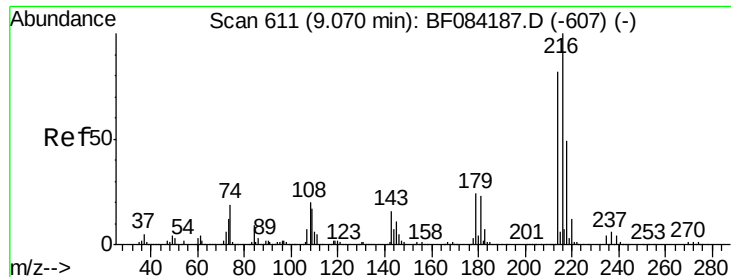
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.06 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

Tgt Ion:164 Resp: 429238
 Ion Ratio Lower Upper
 164 100
 162 103.9 85.1 127.7
 160 47.1 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: 50.13 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

Tgt Ion:216 Resp: 618607

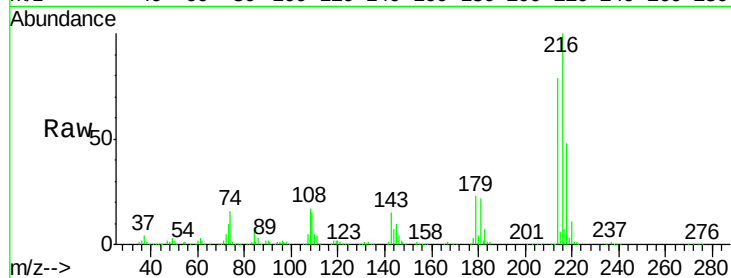
Ion Ratio Lower Upper

216 100

214 79.0 64.2 96.2

179 24.4 18.7 28.1

108 21.5 16.8 25.2

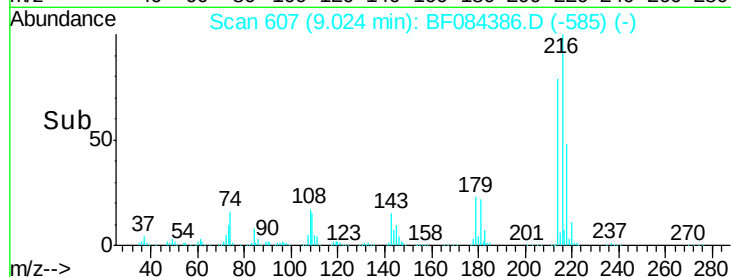


Abundance Ion 216.00 (215.70 to 216.70): E

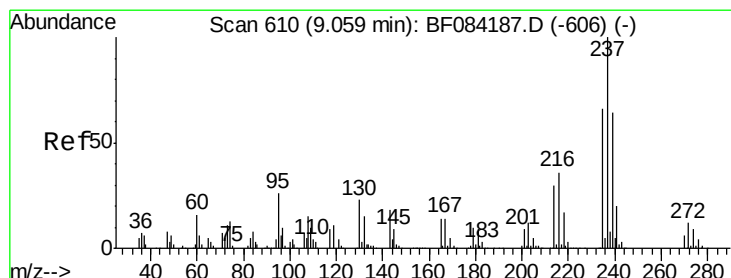
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 42.78 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

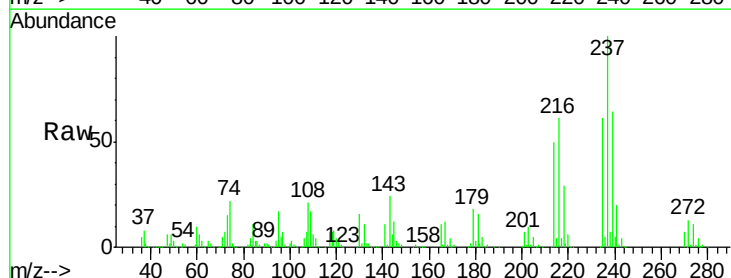
Tgt Ion:237 Resp: 318651

Ion Ratio Lower Upper

237 100

235 61.3 43.1 83.1

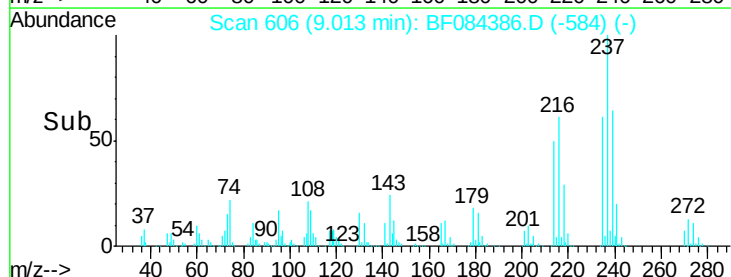
272 13.1 0.0 35.1



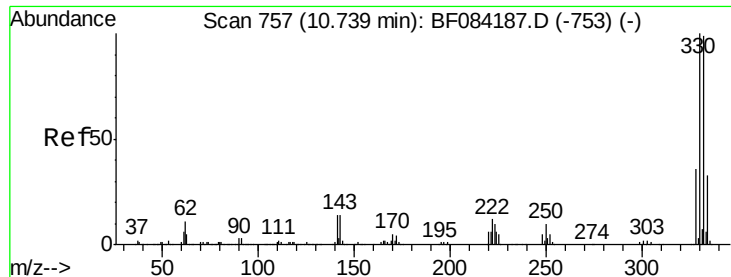
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



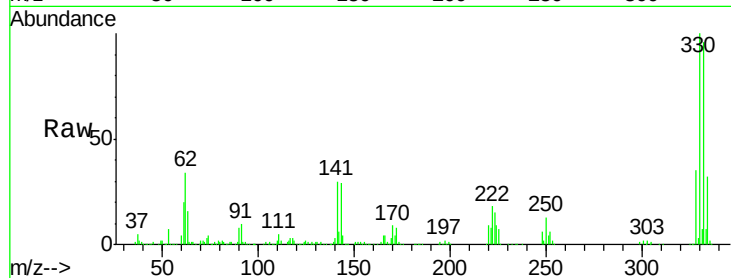
Time-->



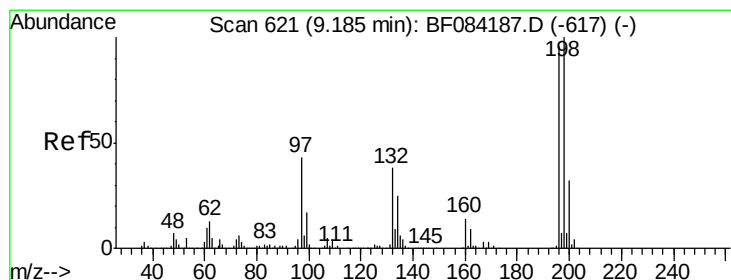
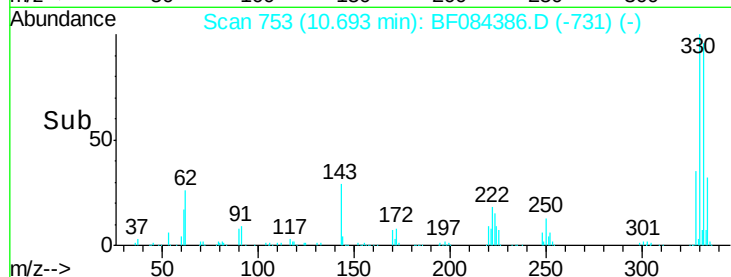
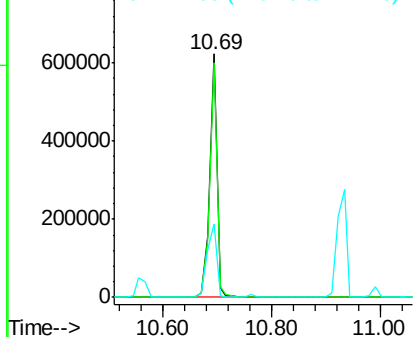
#41
 2,4,6-Tribromophenol
 Concen: 132.28 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

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

Tgt Ion:330 Resp: 573233
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 39.4 27.8 41.6

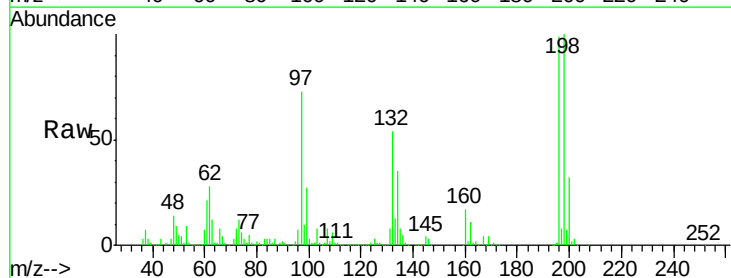


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

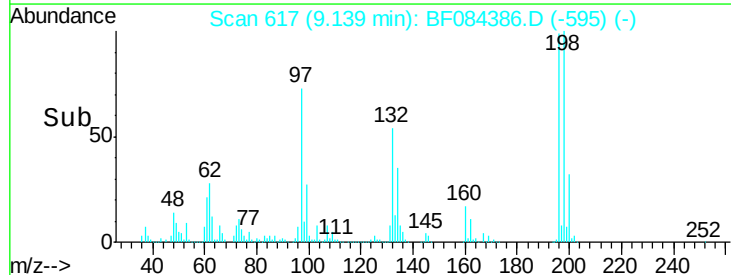
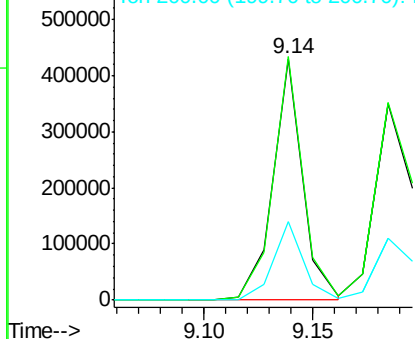


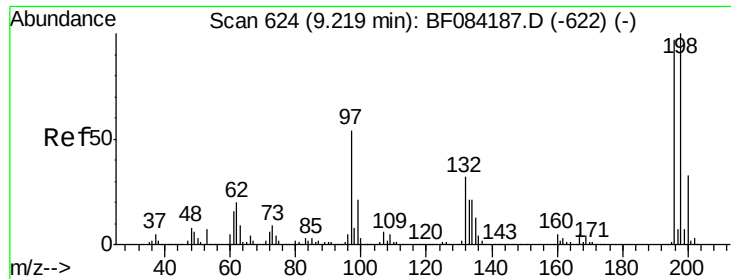
#42
 2,4,6-Trichlorophenol
 Concen: 44.86 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.05 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

Tgt Ion:196 Resp: 414125
 Ion Ratio Lower Upper
 196 100
 198 100.9 77.7 116.5
 200 32.4 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

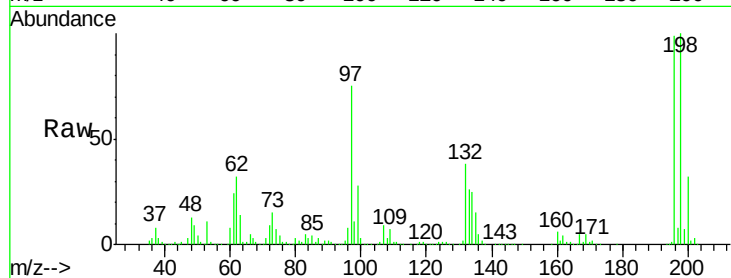




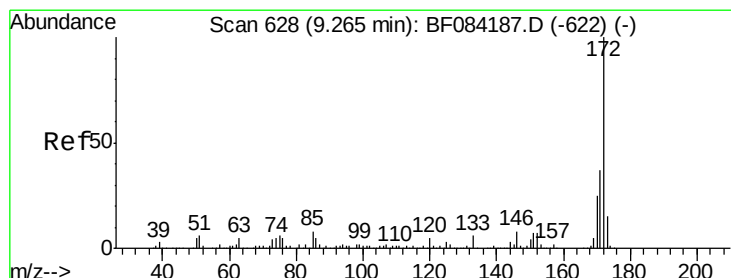
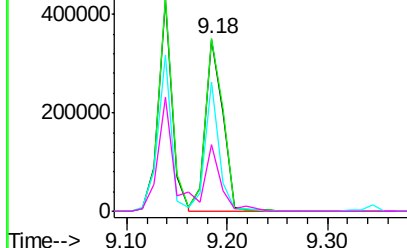
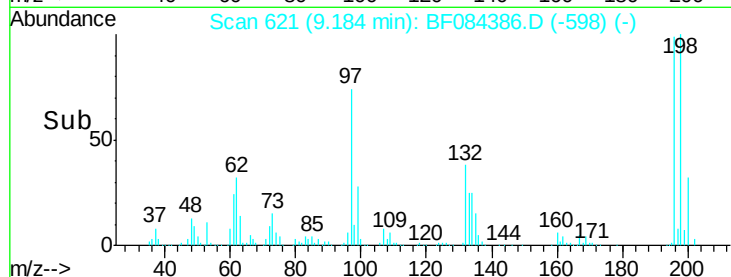
#43
 2,4,5-Trichlorophenol
 Concen: 46.99 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

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

Tgt Ion:196 Resp: 415843
 Ion Ratio Lower Upper
 196 100
 198 100.7 79.0 118.6
 97 75.1 33.0 49.6#
 132 38.7 21.1 31.7#

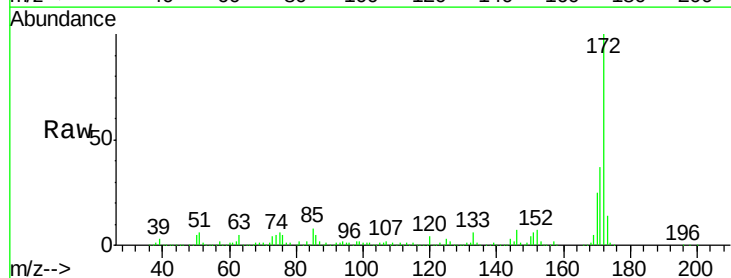


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

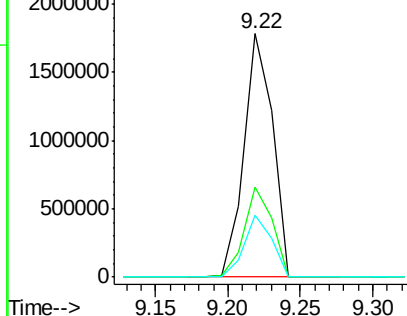
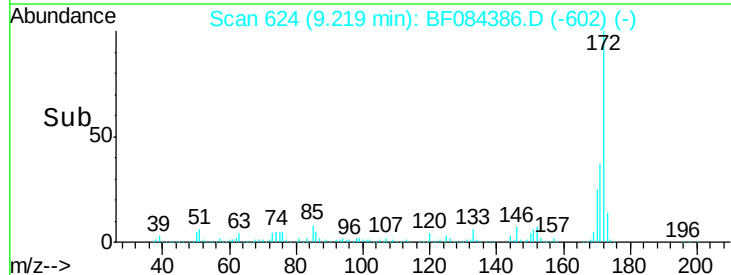


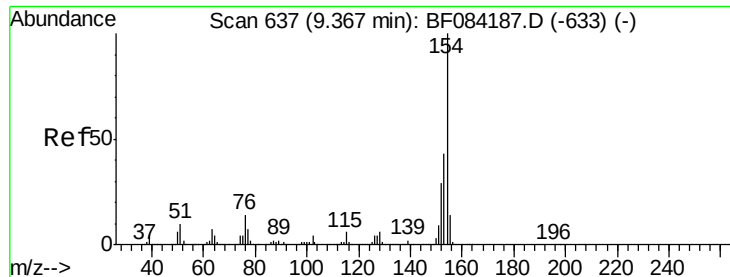
#44
 2-Fluorobiphenyl
 Concen: 100.88 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

Tgt Ion:172 Resp: 2432598
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 25.4 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

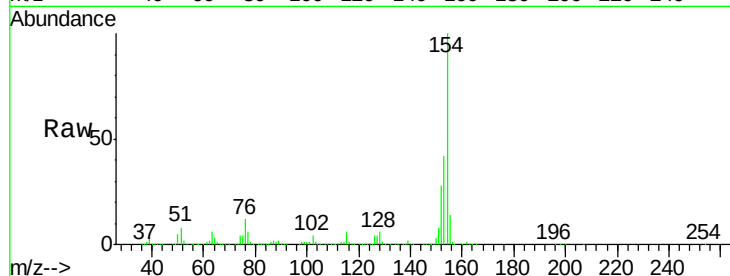




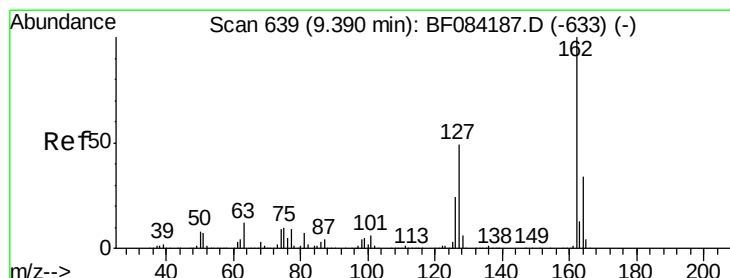
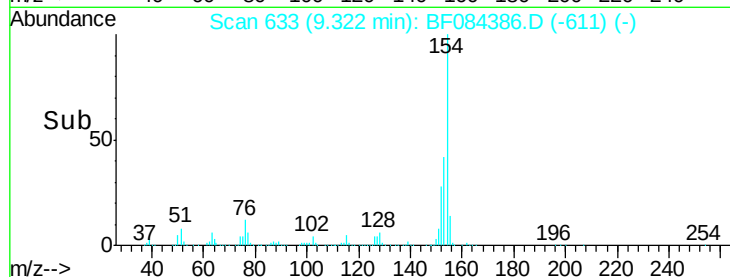
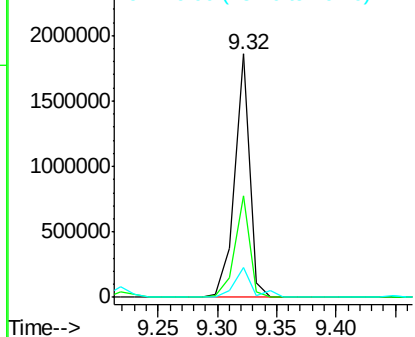
#45
 1,1'-Biphenyl
 Concen: 47.78 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.05 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

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

Tgt Ion:154 Resp: 1630020
 Ion Ratio Lower Upper
 154 100
 153 41.9 21.6 61.6
 76 12.2 0.0 32.7

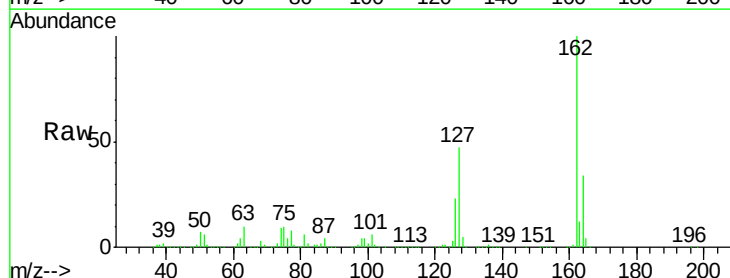


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

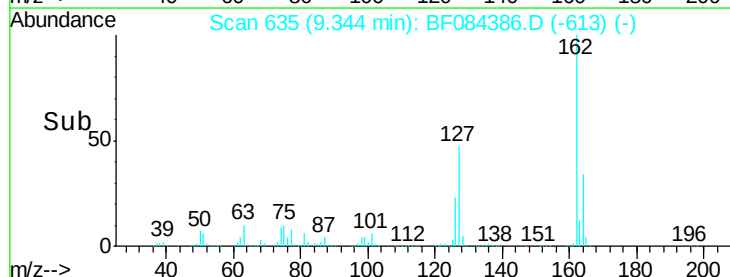
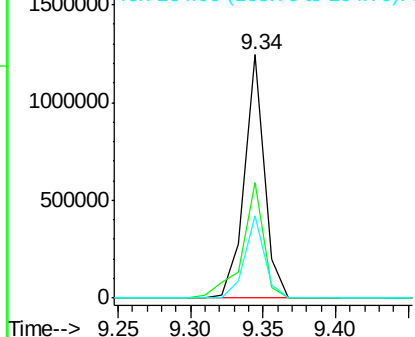


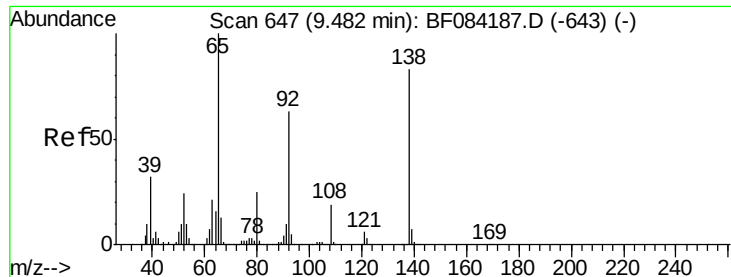
#46
 2-Chloronaphthalene
 Concen: 44.40 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

Tgt Ion:162 Resp: 1189656
 Ion Ratio Lower Upper
 162 100
 127 47.4 40.2 60.4
 164 33.7 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: 53.46 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

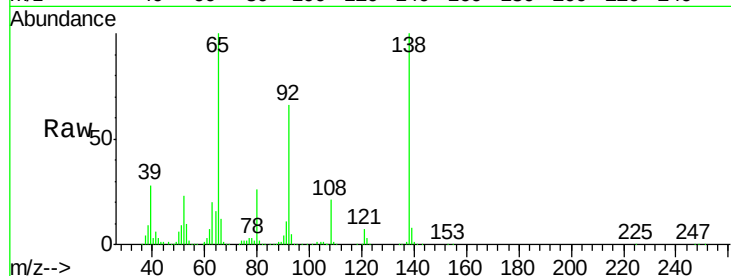
Tgt Ion: 65 Resp: 472783

Ion Ratio Lower Upper

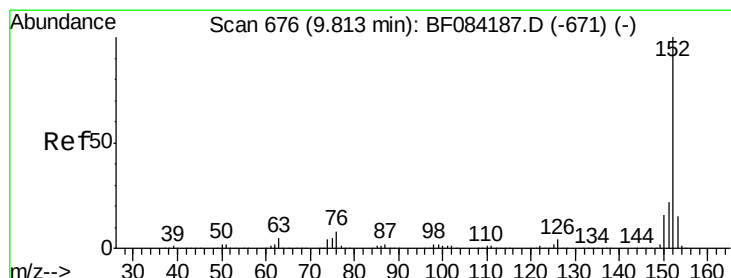
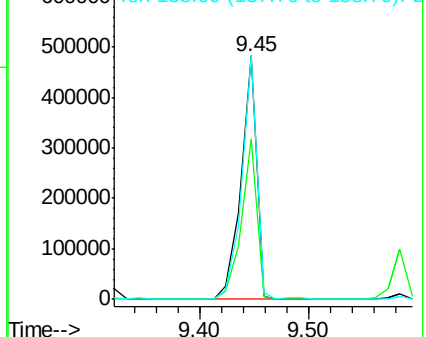
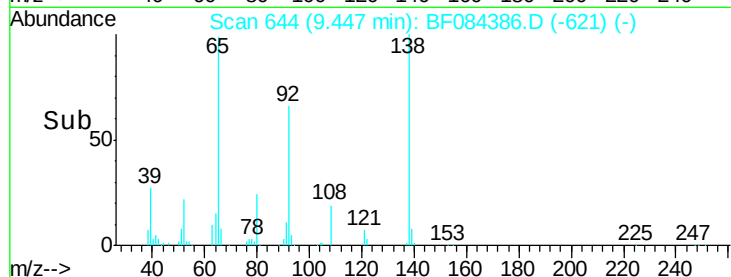
65 100

92 66.0 53.4 80.2

138 100.1 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: 48.60 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

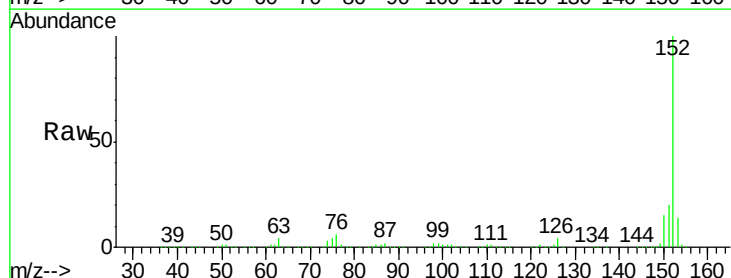
Tgt Ion: 152 Resp: 1923909

Ion Ratio Lower Upper

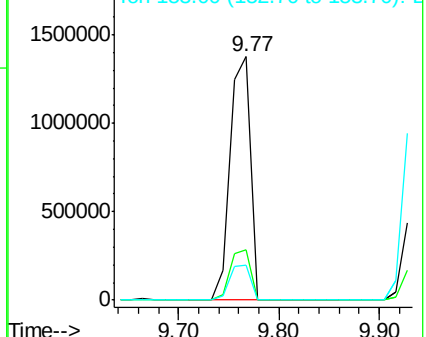
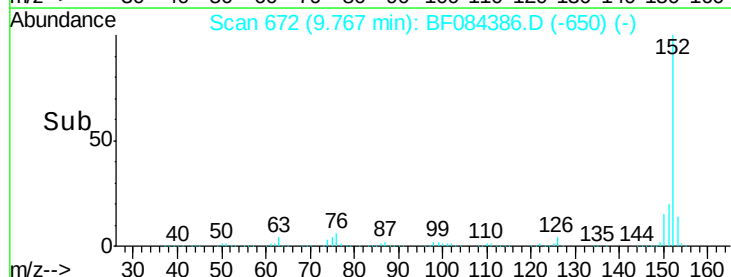
152 100

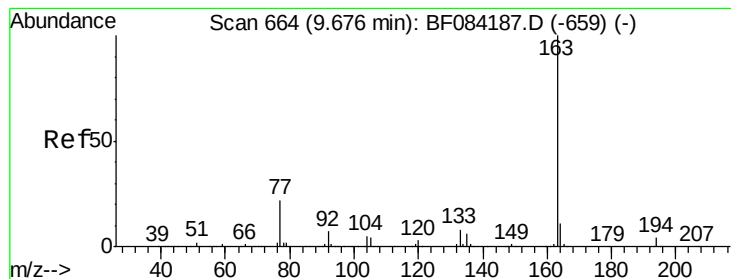
151 20.5 16.3 24.5

153 14.4 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: 50.39 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

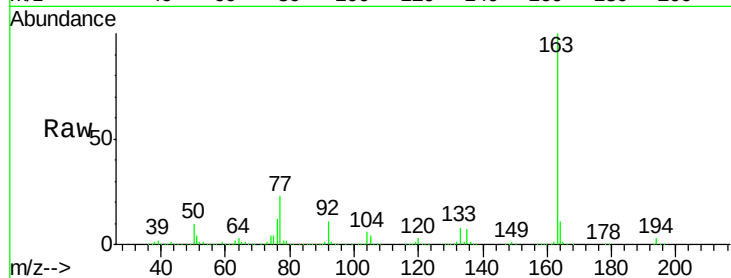
Tgt Ion:163 Resp: 1546168

Ion Ratio Lower Upper

163 100

194 3.3 8.0 12.0#

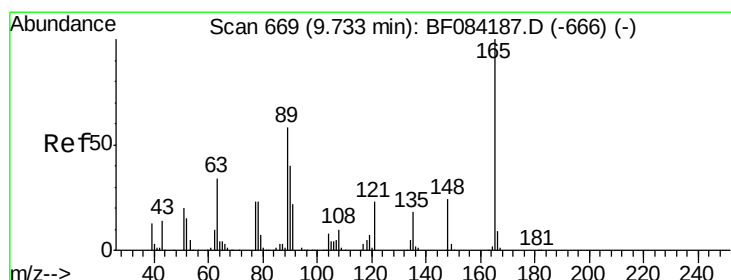
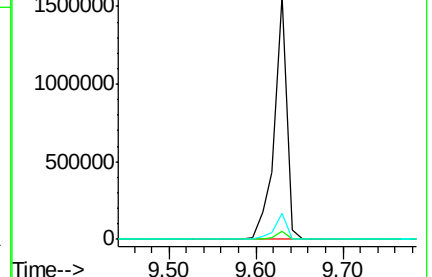
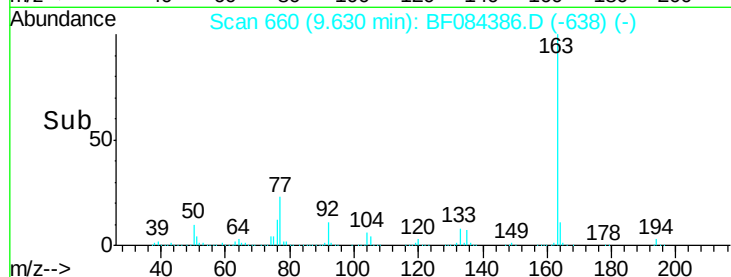
164 10.8 8.0 12.0



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: 47.56 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

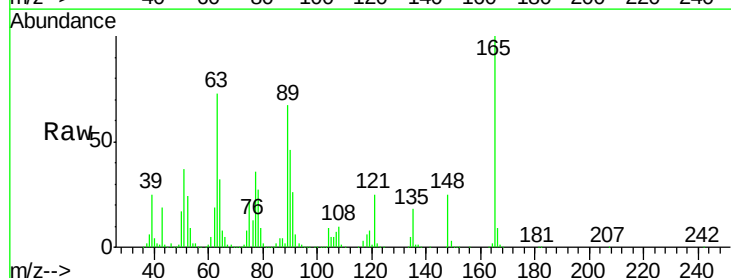
Tgt Ion:165 Resp: 320092

Ion Ratio Lower Upper

165 100

63 73.3 28.8 43.2#

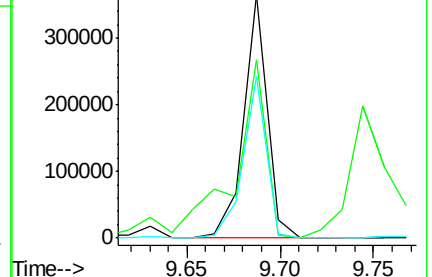
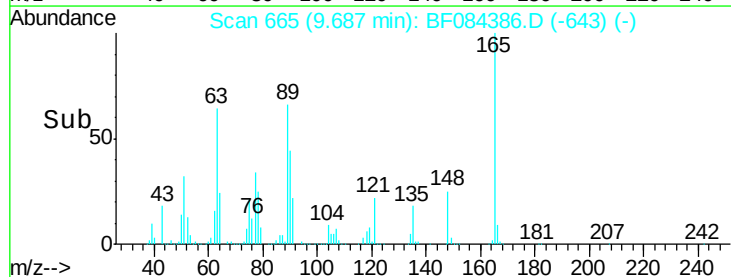
89 66.5 35.1 52.7#

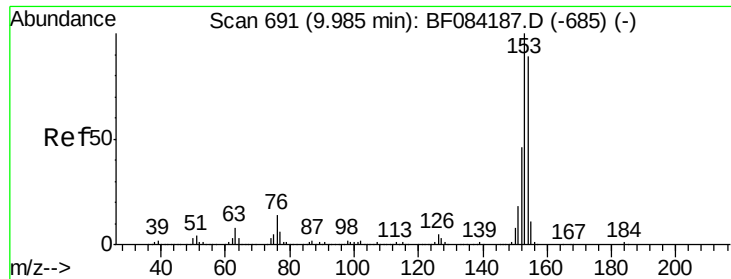


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.75 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.06 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

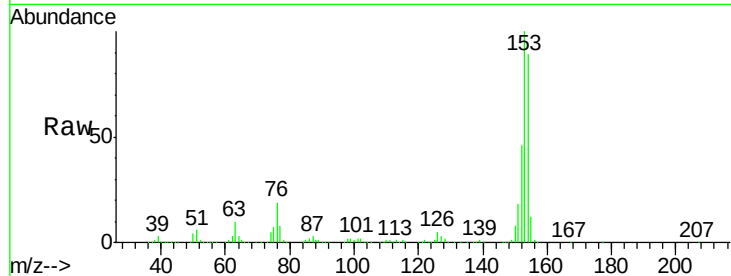
Tgt Ion:154 Resp: 1321178

Ion Ratio Lower Upper

154 100

153 112.9 91.5 137.3

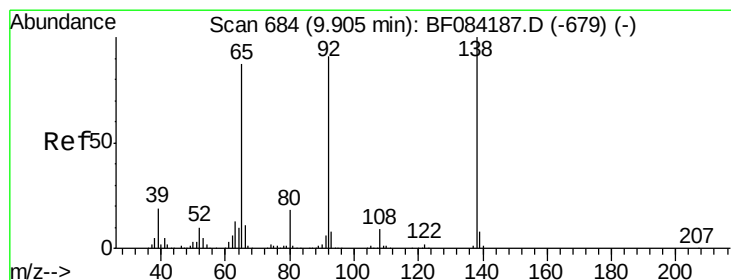
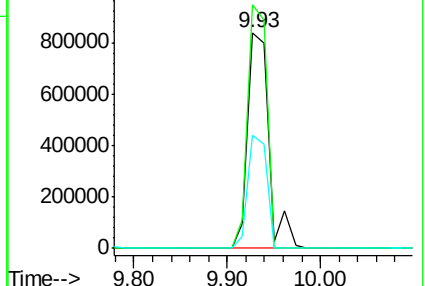
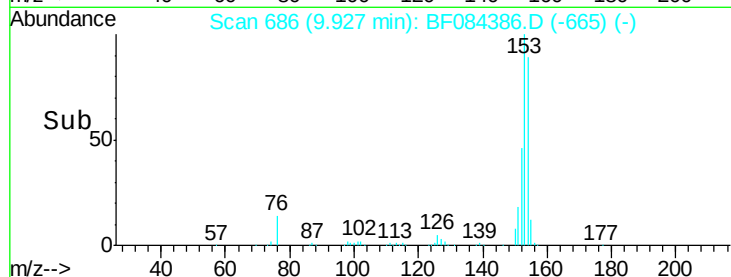
152 52.4 43.0 64.6



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: 18.90 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

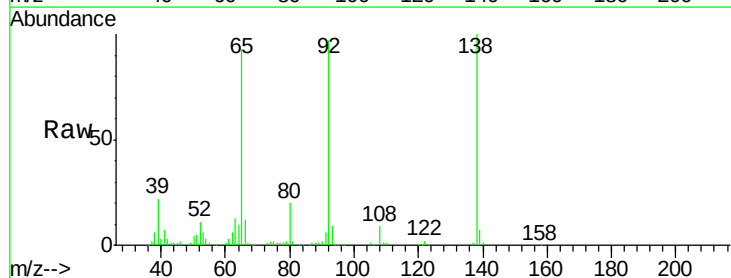
Tgt Ion:138 Resp: 157592

Ion Ratio Lower Upper

138 100

108 9.3 10.5 15.7#

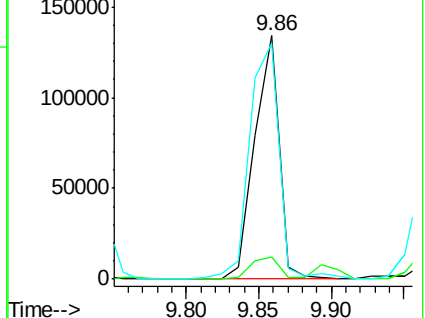
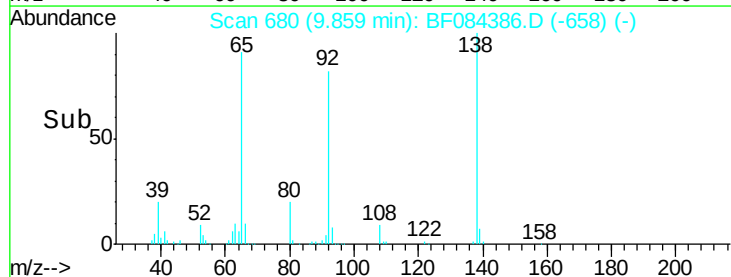
92 96.7 103.9 155.9#

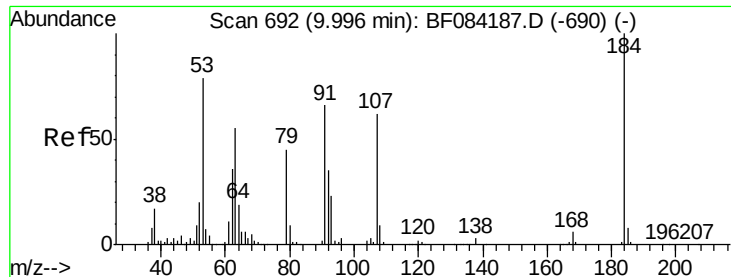


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

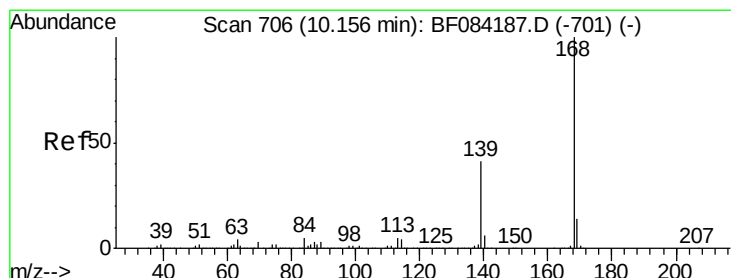
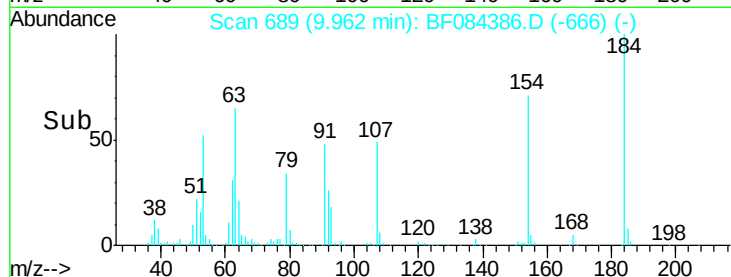
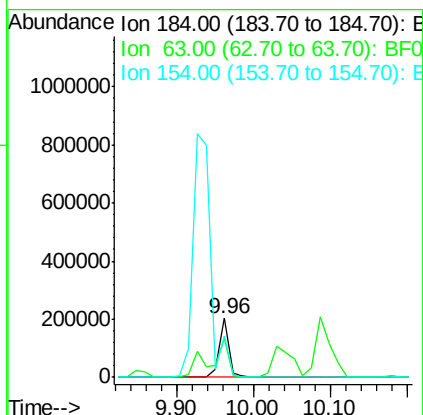
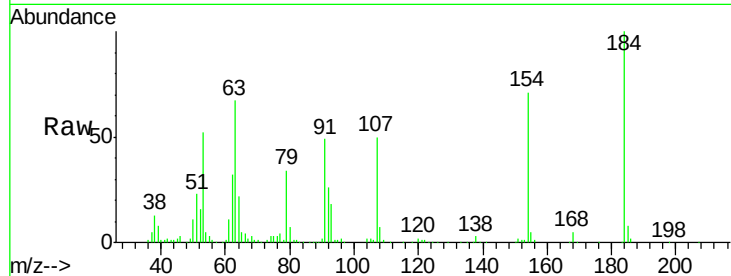




#53
2,4-Dinitrophenol
Concen: 63.42 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF084386.D
Acq: 11 Jan 2016 18:16

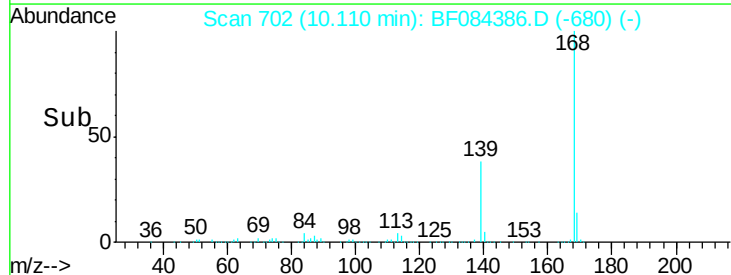
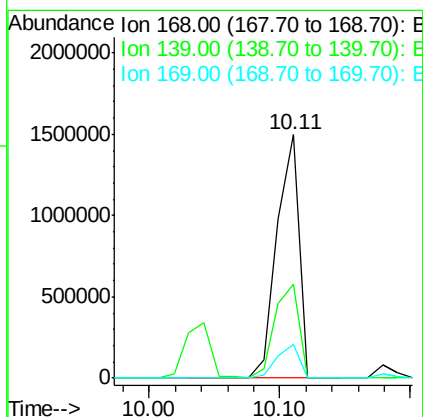
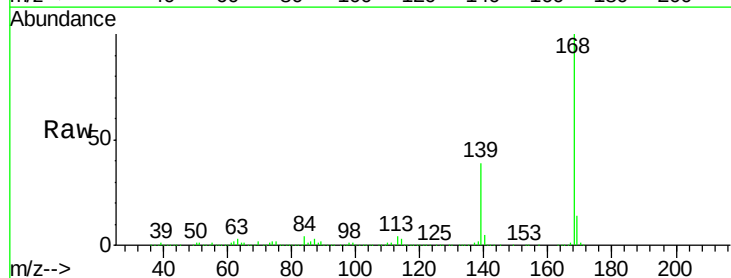
Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

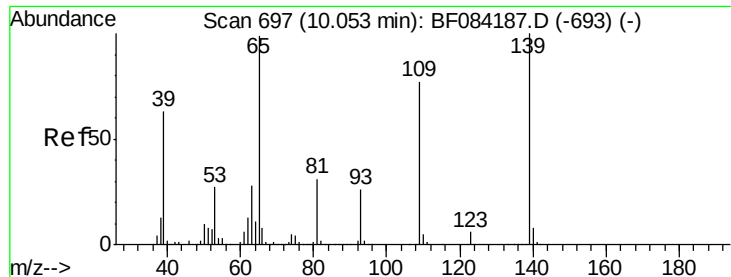
Tgt Ion:184 Resp: 179611
Ion Ratio Lower Upper
184 100
63 66.6 43.1 64.7#
154 70.8 60.5 90.7



#54
Dibenzofuran
Concen: 52.24 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084386.D
Acq: 11 Jan 2016 18:16

Tgt Ion:168 Resp: 1780338
Ion Ratio Lower Upper
168 100
139 38.7 30.5 45.7
169 13.6 10.4 15.6

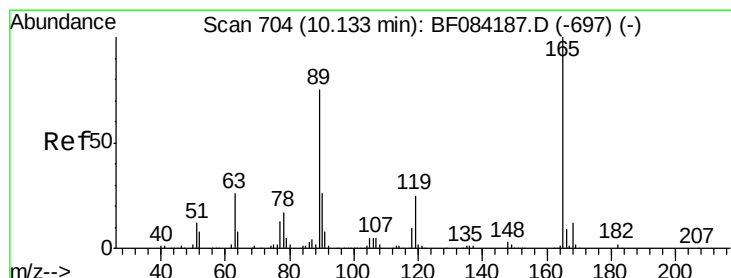
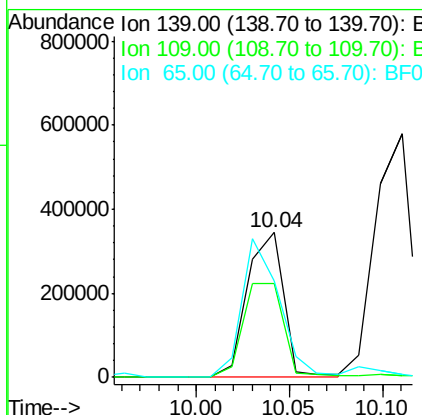
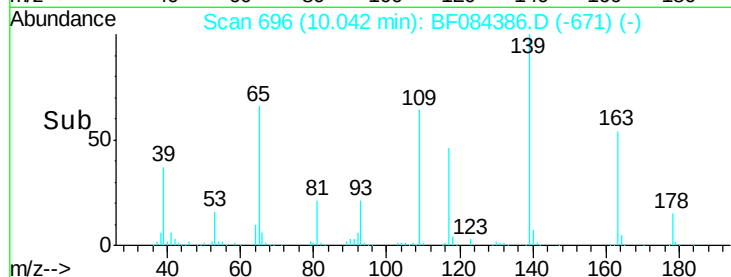
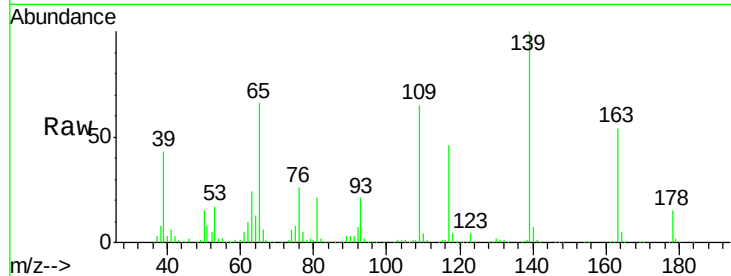




#55
4-Nitrophenol
Concen: 76.93 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF084386.D
Acq: 11 Jan 2016 18:16

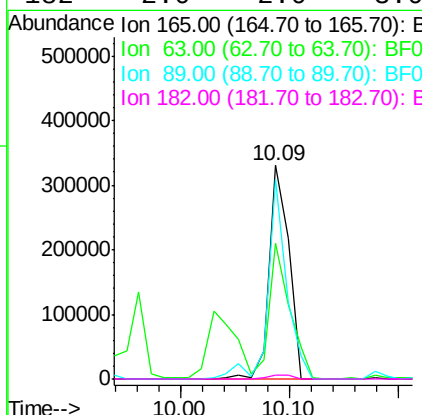
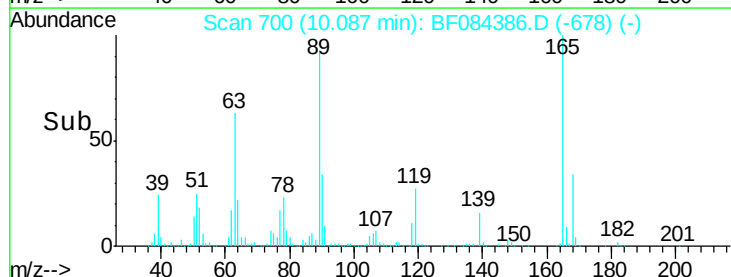
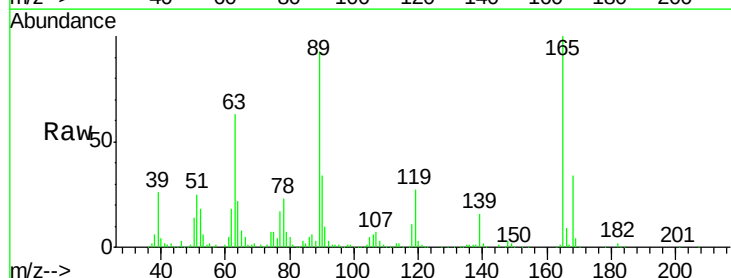
Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

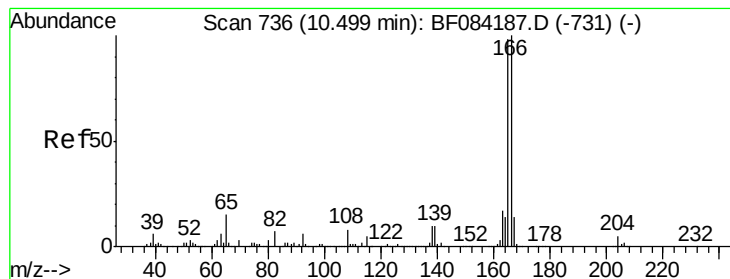
Tgt Ion:139 Resp: 465672
Ion Ratio Lower Upper
139 100
109 65.2 58.5 98.5
65 66.5 57.6 97.6



#56
2,4-Dinitrotoluene
Concen: 48.68 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.05 min
Lab File: BF084386.D
Acq: 11 Jan 2016 18:16

Tgt Ion:165 Resp: 414685
Ion Ratio Lower Upper
165 100
63 63.3 36.7 55.1#
89 93.3 61.9 92.9#
182 2.0 2.0 3.0#





#57

Fluorene

Concen: 49.15 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

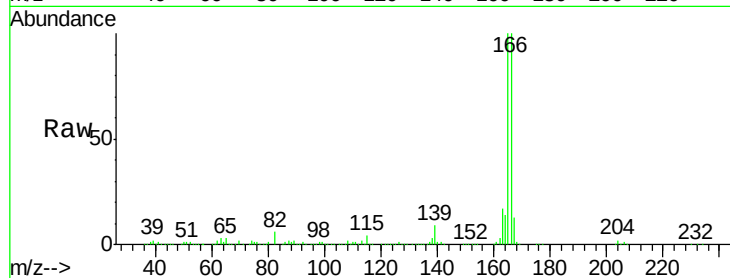
Tgt Ion:166 Resp: 1301293

Ion Ratio Lower Upper

166 100

165 99.6 79.1 118.7

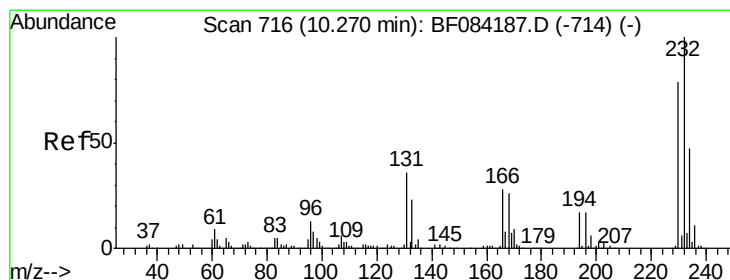
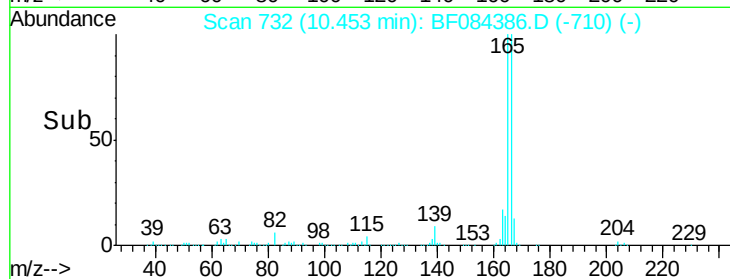
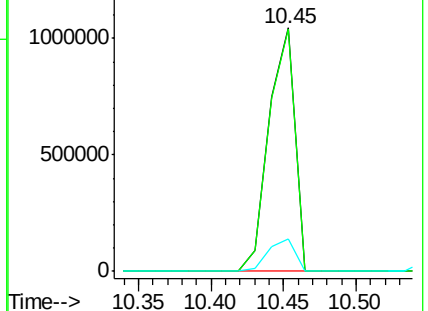
167 13.4 10.4 15.6



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: 45.37 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

Tgt Ion:232 Resp: 342799

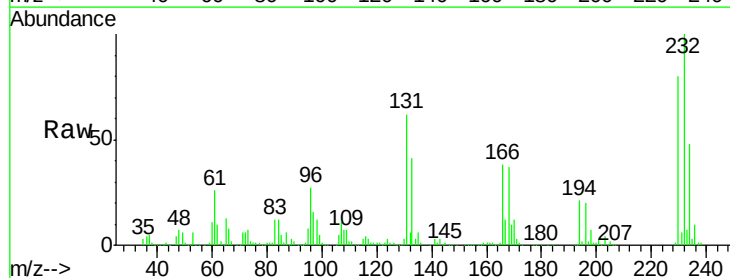
Ion Ratio Lower Upper

232 100

131 55.2 47.0 70.6

130 2.8 2.0 3.0

166 33.5 30.5 45.7

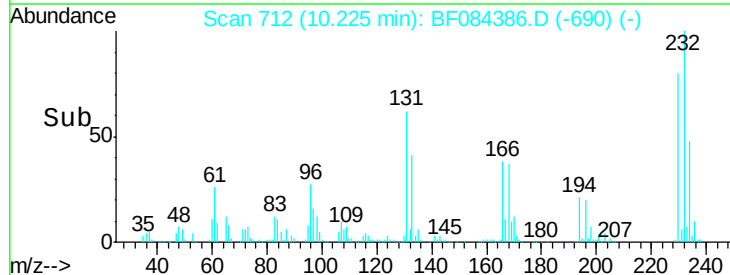
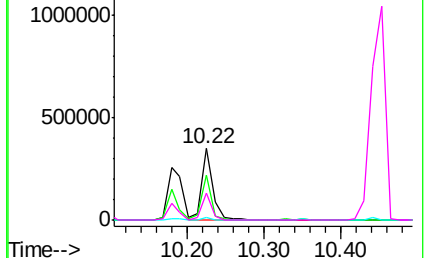


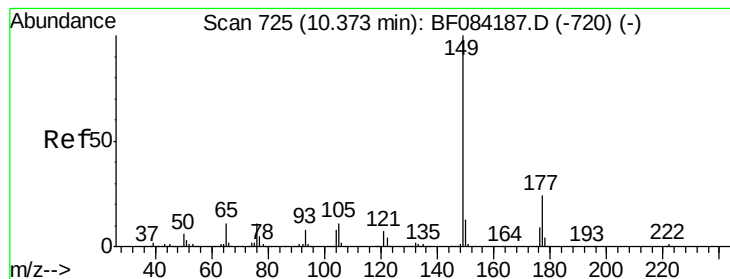
Abundance Ion 232.00 (231.70 to 232.70): E

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: 48.95 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

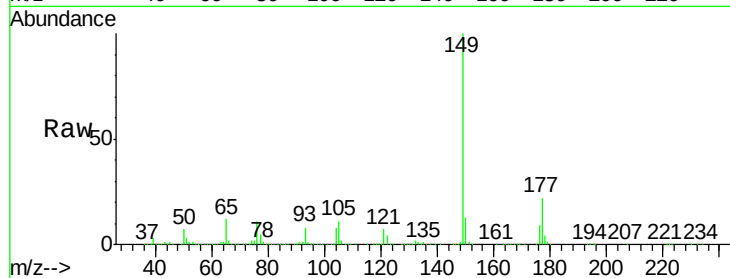
Tgt Ion:149 Resp: 1481147

Ion Ratio Lower Upper

149 100

177 21.9 17.3 25.9

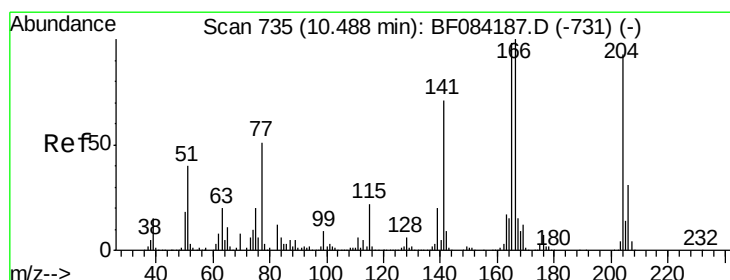
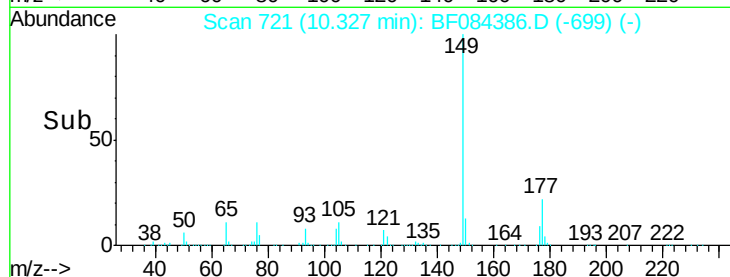
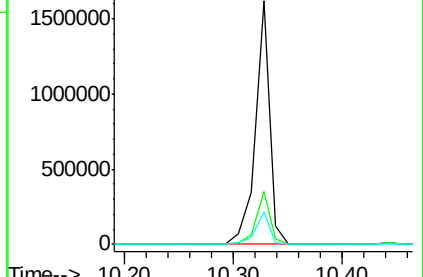
150 13.3 9.8 14.8



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: 60.08 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

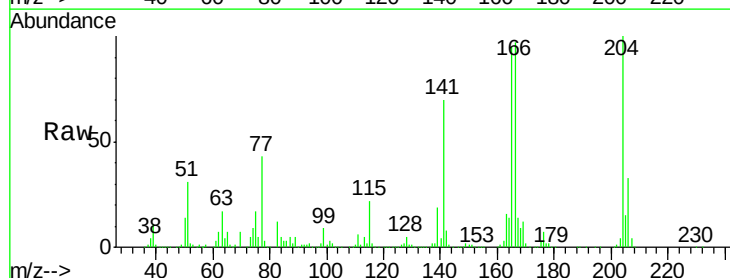
Tgt Ion:204 Resp: 644473

Ion Ratio Lower Upper

204 100

206 33.3 25.7 38.5

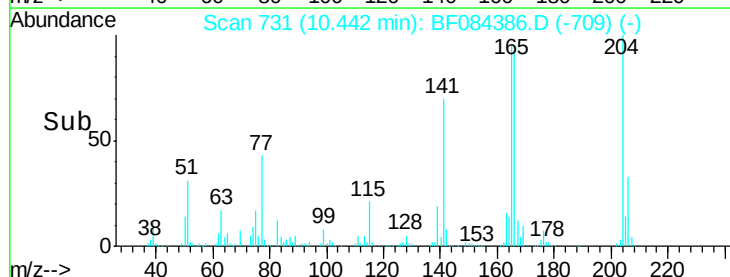
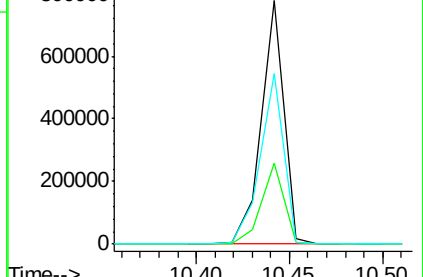
141 69.9 55.1 82.7

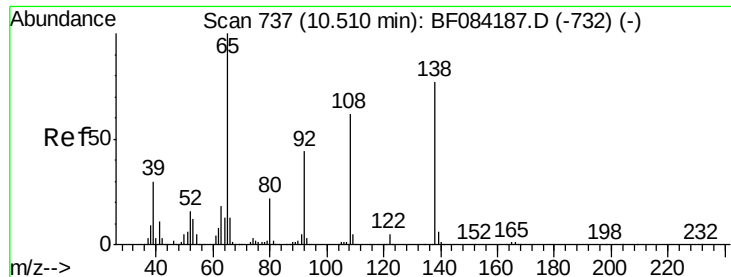


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.32 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.03 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

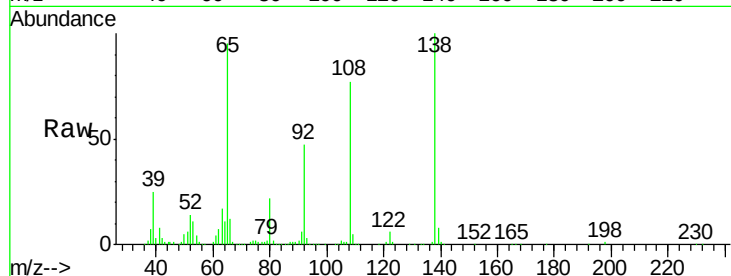
Tgt Ion:138 Resp: 322036

Ion Ratio Lower Upper

138 100

92 47.3 32.6 72.6

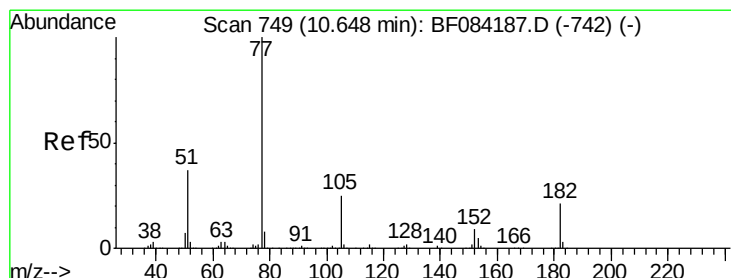
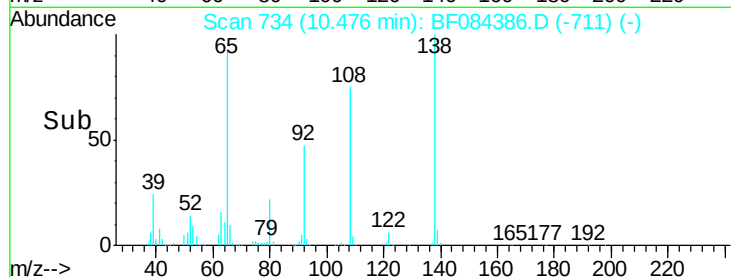
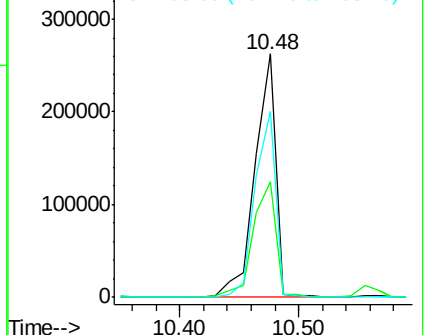
108 76.6 68.6 108.6



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: 49.05 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

Tgt Ion: 77 Resp: 1627600

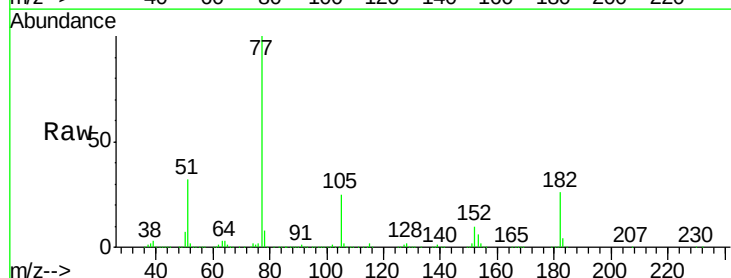
Ion Ratio Lower Upper

77 100

182 25.8 8.3 48.3

105 24.8 4.6 44.6

51 32.4 6.2 46.2

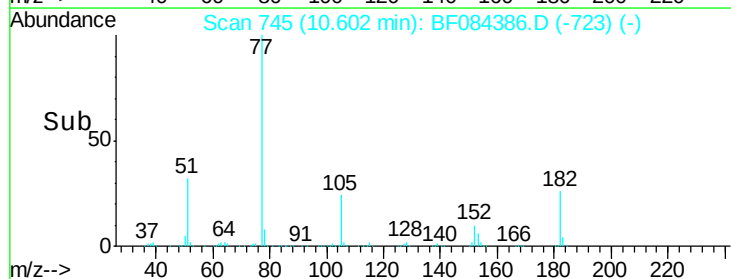
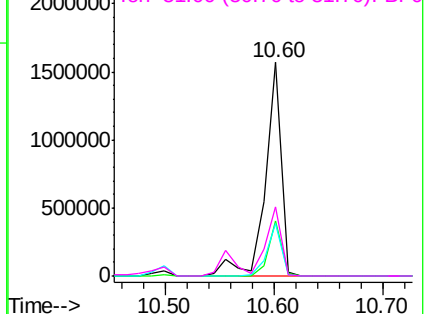


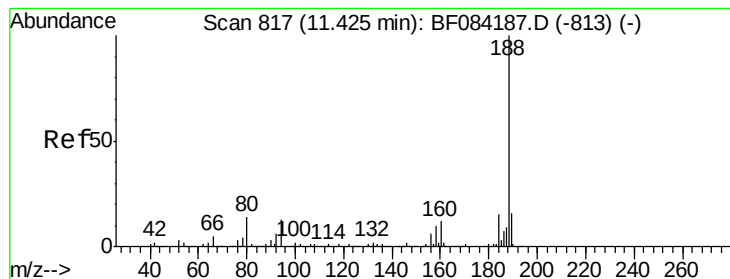
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF084386.D

Acq: 11 Jan 2016 18:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

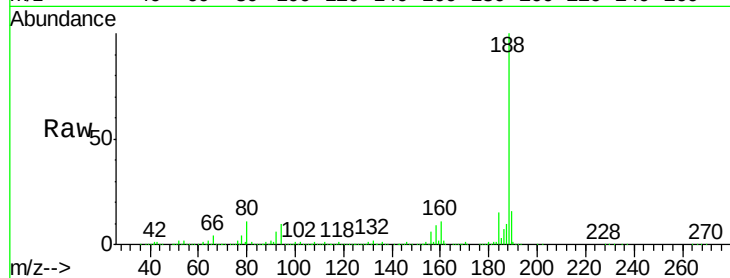
Tgt Ion:188 Resp: 721502

Ion Ratio Lower Upper

188 100

94 10.0 9.0 13.4

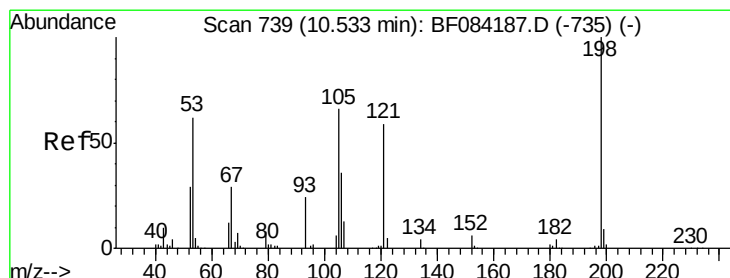
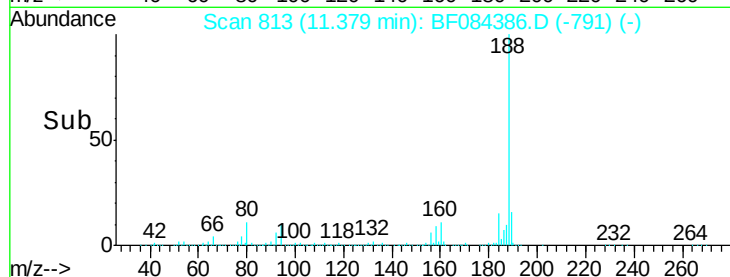
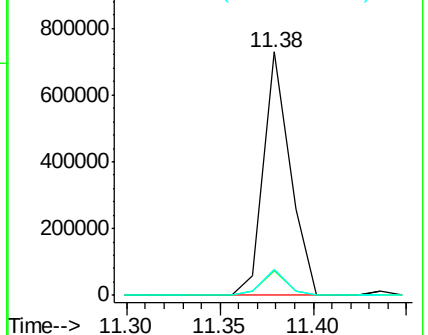
80 10.9 9.6 14.4



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: 32.90 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

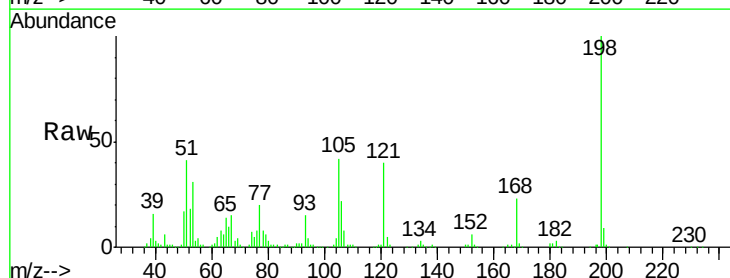
Tgt Ion:198 Resp: 143859

Ion Ratio Lower Upper

198 100

51 40.9 18.9 58.9

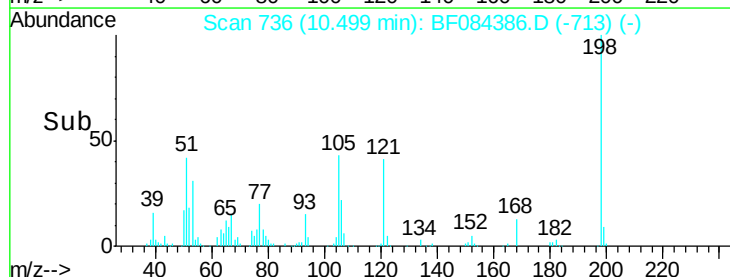
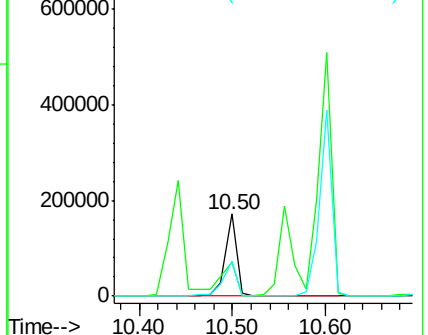
105 42.3 26.4 66.4

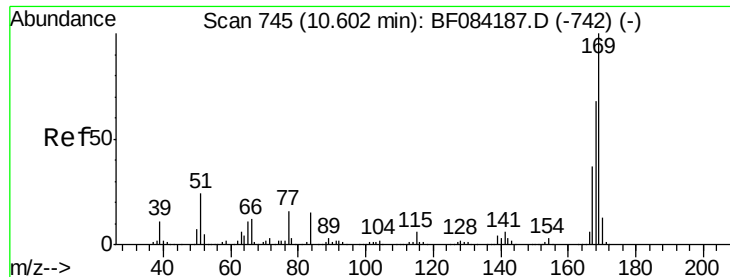


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 51.18 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.03 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

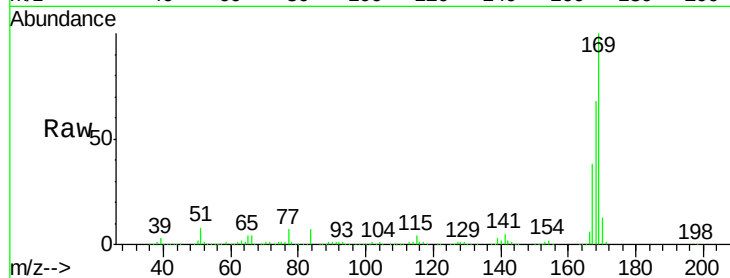
Tgt Ion:169 Resp: 1180731

Ion Ratio Lower Upper

169 100

168 67.6 55.1 82.7

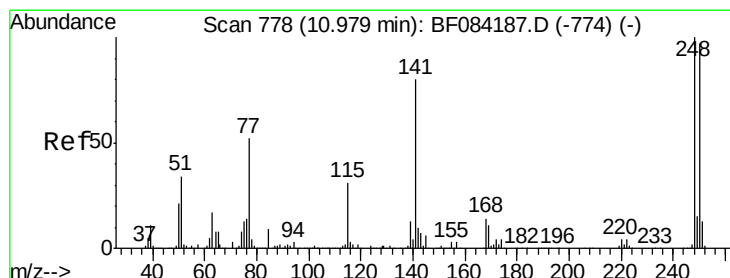
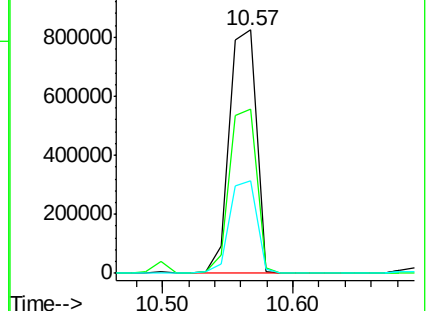
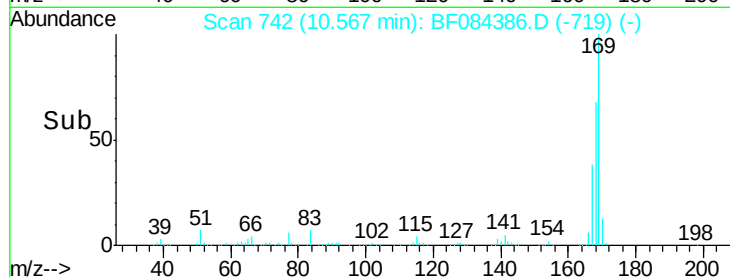
167 38.1 30.0 45.0



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: 54.46 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

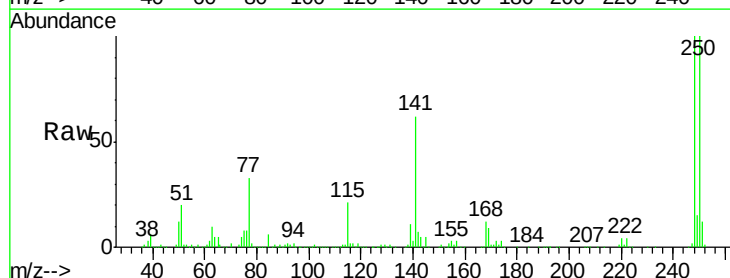
Tgt Ion:248 Resp: 422929

Ion Ratio Lower Upper

248 100

250 99.5 78.4 117.6

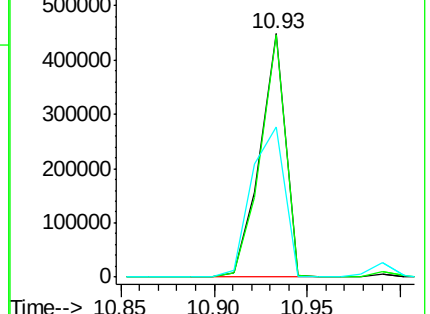
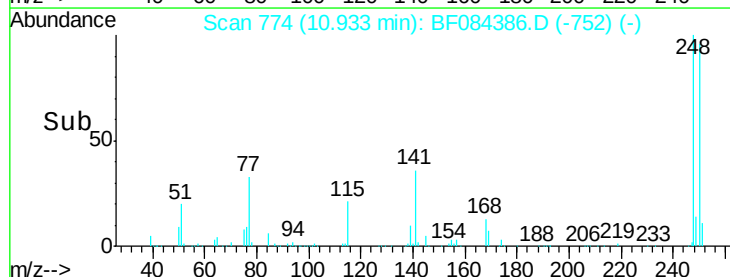
141 61.9 44.0 66.0

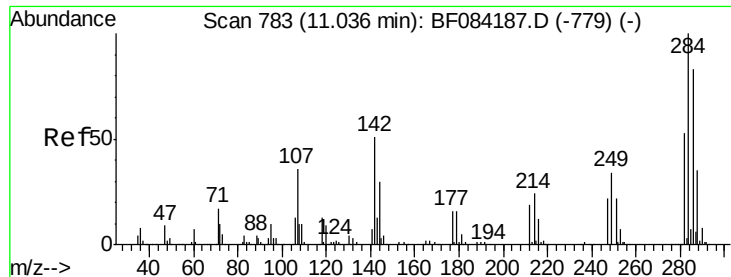


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

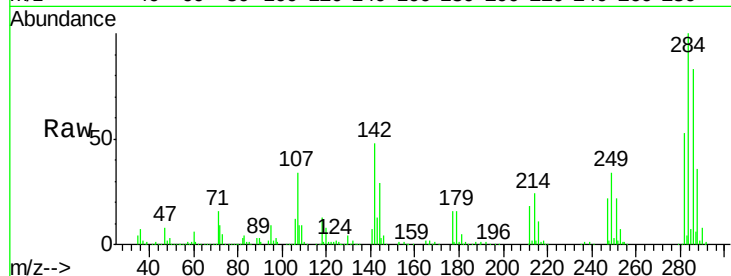




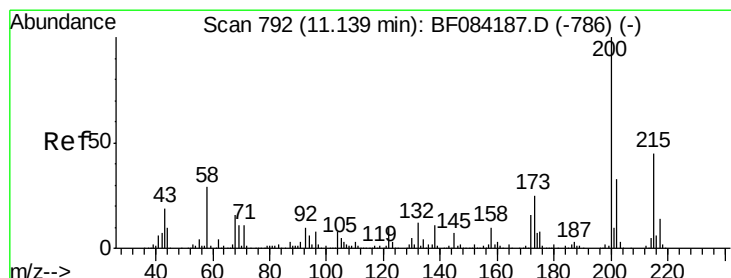
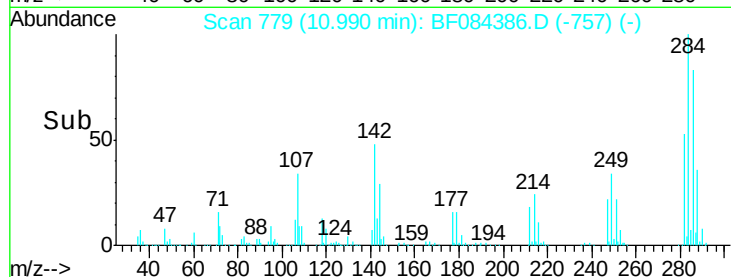
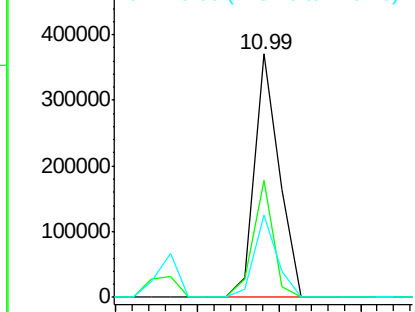
#67
Hexachlorobenzene
Concen: 44.55 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.05 min
Lab File: BF084386.D
Acq: 11 Jan 2016 18:16

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

Tgt Ion:284 Resp: 389352
Ion Ratio Lower Upper
284 100
142 47.8 22.2 33.4#
249 34.1 24.6 37.0

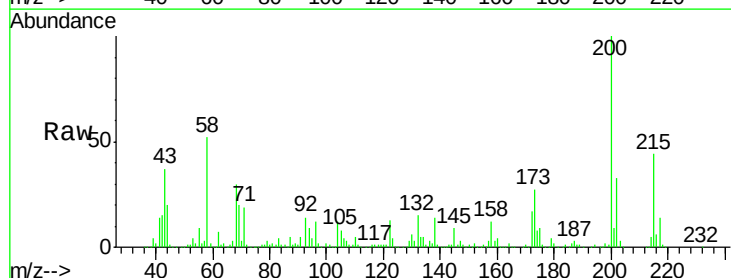


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

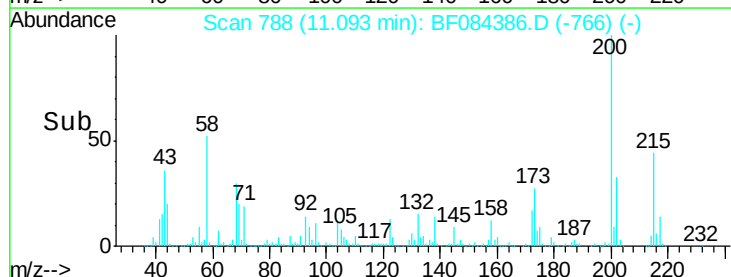
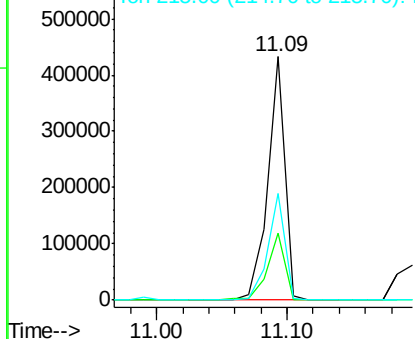


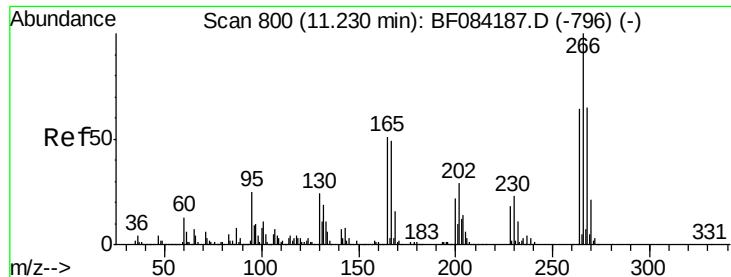
#68
Atrazine
Concen: 52.54 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.05 min
Lab File: BF084386.D
Acq: 11 Jan 2016 18:16

Tgt Ion:200 Resp: 396662
Ion Ratio Lower Upper
200 100
173 27.3 9.5 49.5
215 43.6 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

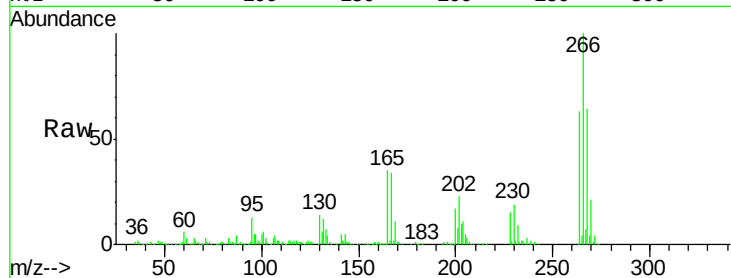




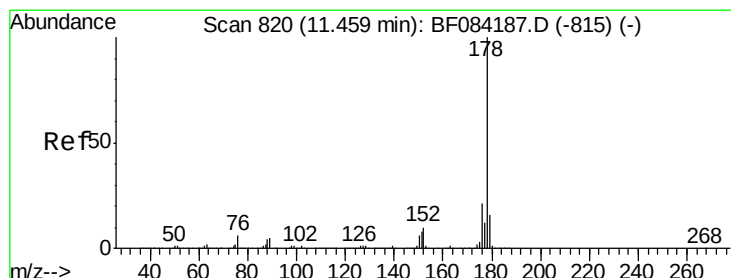
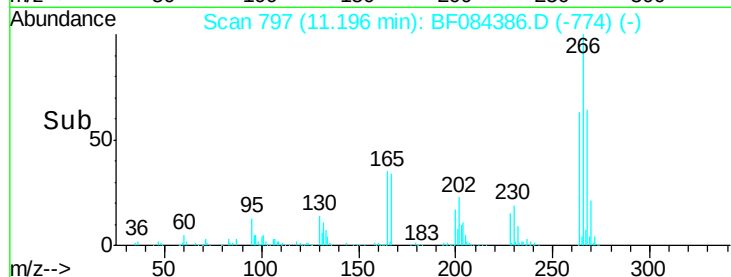
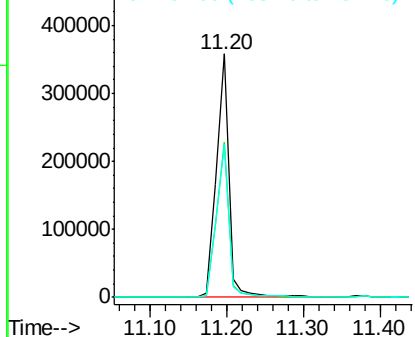
#69
 Pentachlorophenol
 Concen: 89.85 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

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

Tgt Ion: 266 Resp: 407198
 Ion Ratio Lower Upper
 266 100
 268 63.9 52.4 78.6
 264 62.6 50.2 75.2

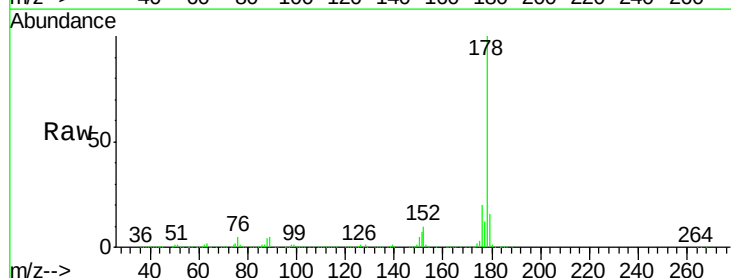


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

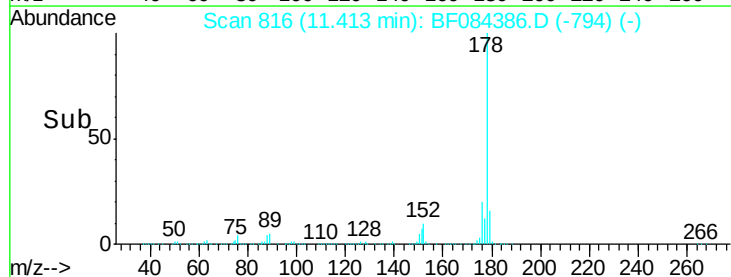
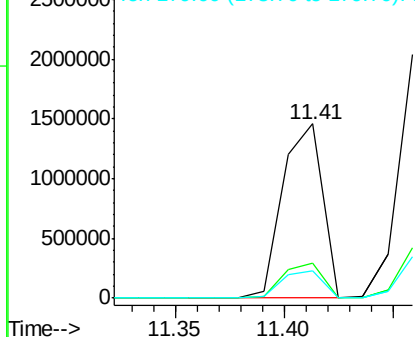


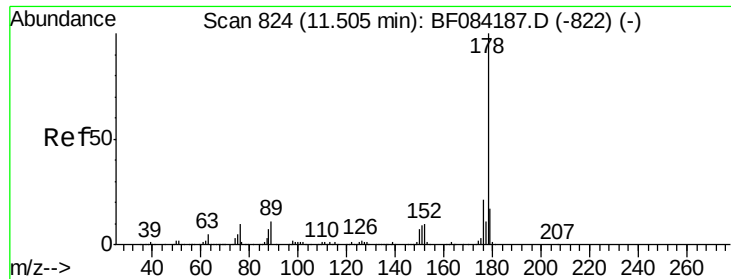
#70
 Phenanthrene
 Concen: 49.70 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.05 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

Tgt Ion: 178 Resp: 1875806
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.3 22.9
 179 15.6 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

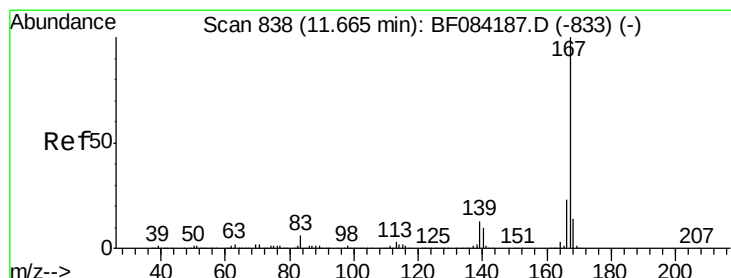
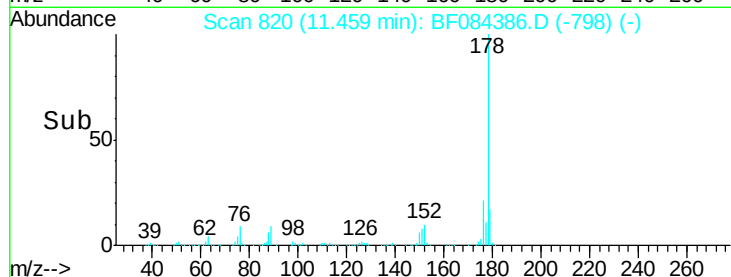
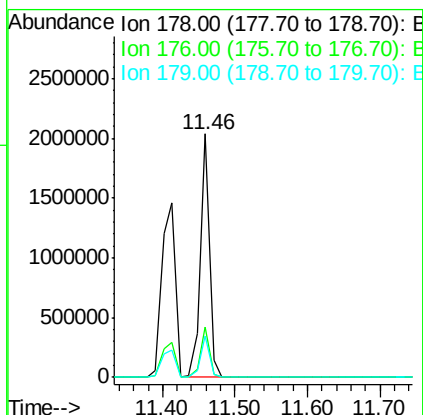
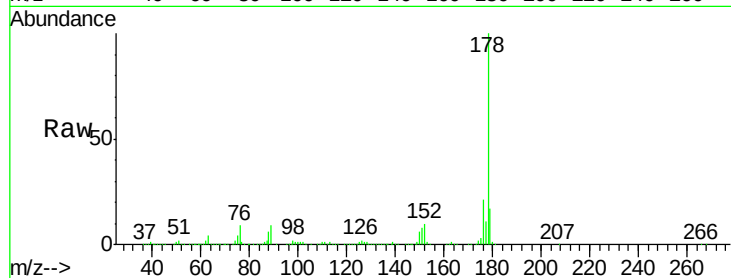




#71
 Anthracene
 Concen: 47.55 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.05 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

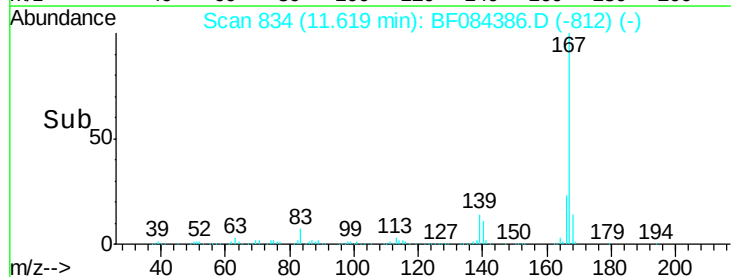
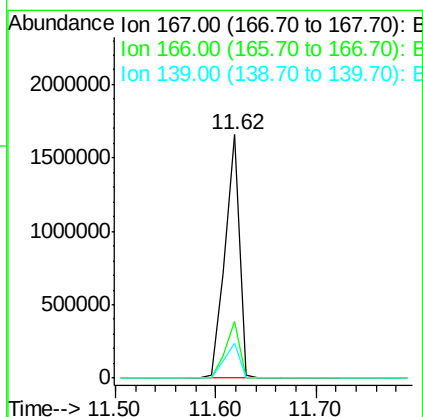
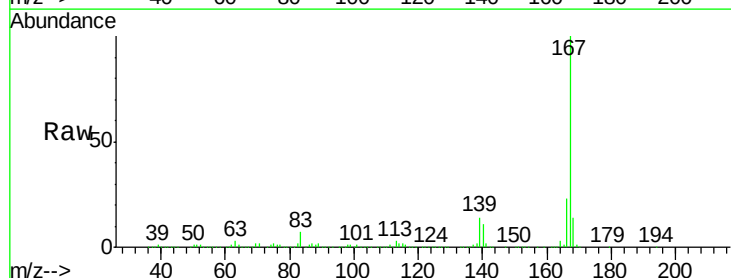
Instrument :
 BNA_F
 ClientSampleId :
 CONTAMINATED-DRUM(1-2)COMP

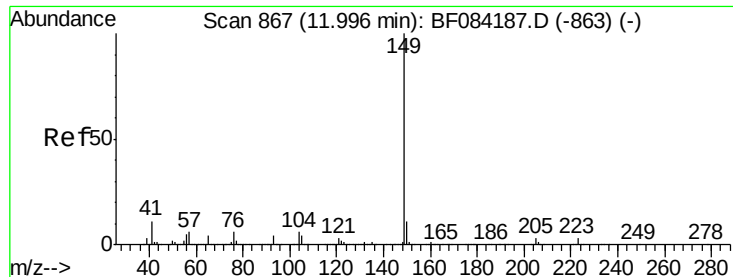
Tgt Ion:178 Resp: 1759196
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.4 23.0
 179 16.9 12.5 18.7



#72
 Carbazole
 Concen: 46.00 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.05 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

Tgt Ion:167 Resp: 1663658
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.6 26.4
 139 14.1 11.8 17.8





#73

Di-n-butylphthalate

Concen: 64.26 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

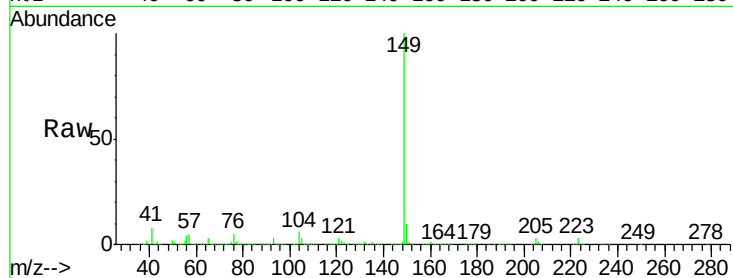
Tgt Ion:149 Resp: 2225950

Ion Ratio Lower Upper

149 100

150 10.1 7.1 10.7

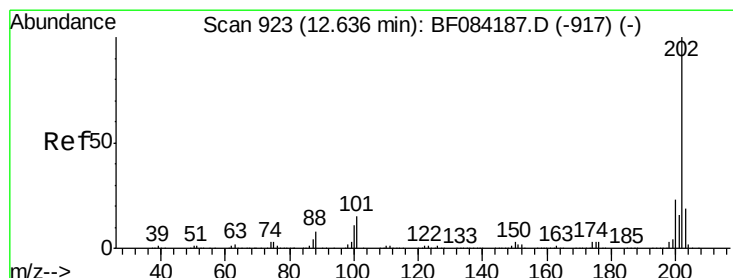
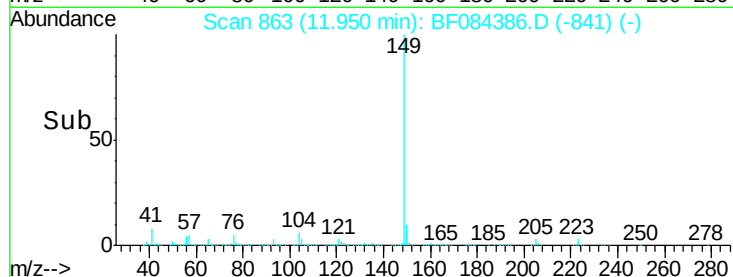
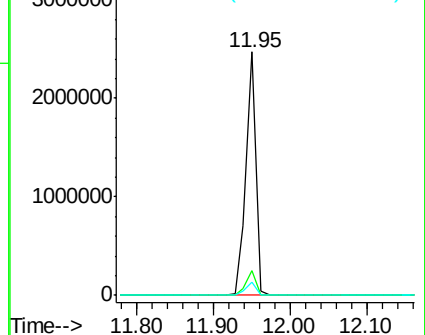
104 5.6 3.2 4.8#



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: 38.79 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

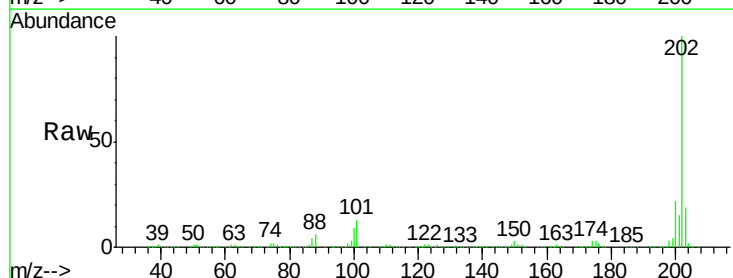
Tgt Ion:202 Resp: 1529227

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.8

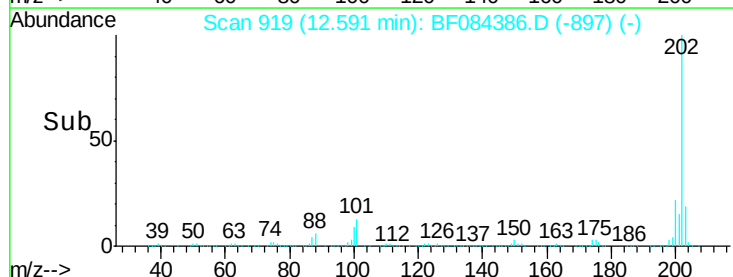
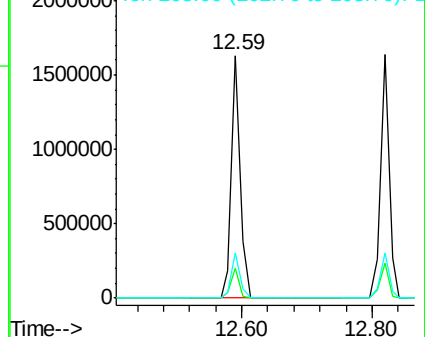
203 18.9 0.0 37.9

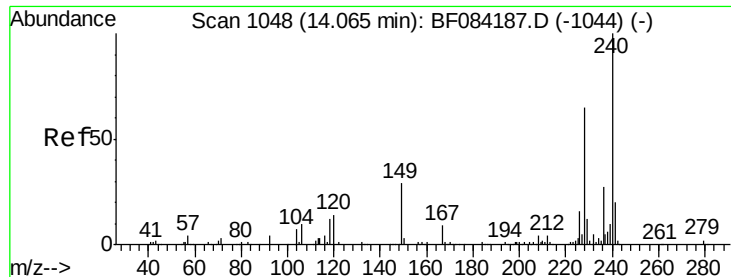


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF084386.D

Acq: 11 Jan 2016 18:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

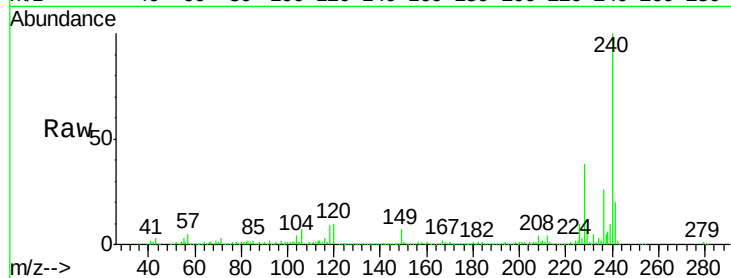
Tgt Ion:240 Resp: 468348

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

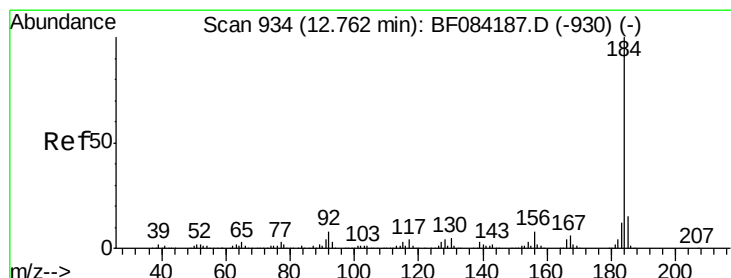
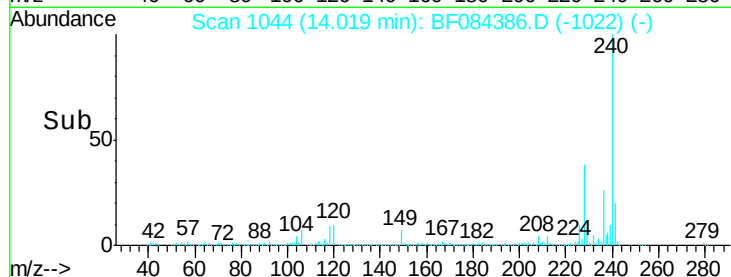
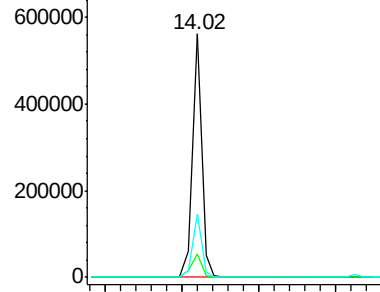
236 25.9 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 13.88 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

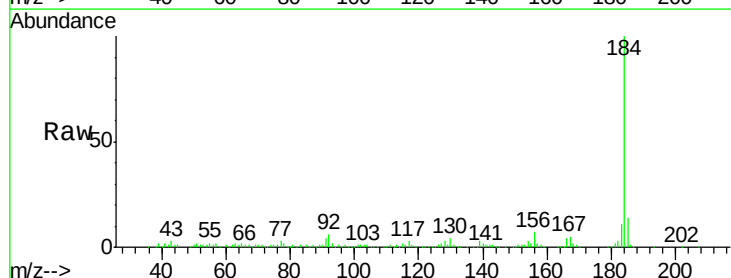
Tgt Ion:184 Resp: 233034

Ion Ratio Lower Upper

184 100

185 13.9 12.2 18.2

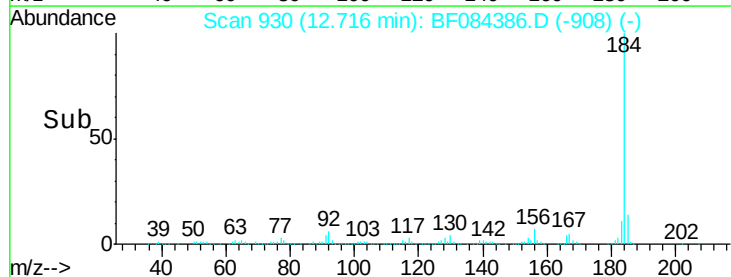
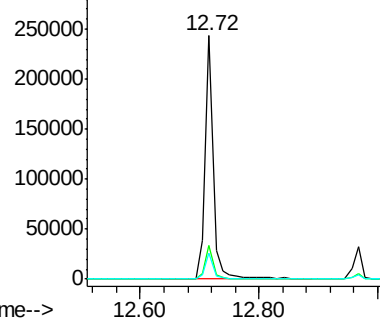
183 10.9 9.8 14.8

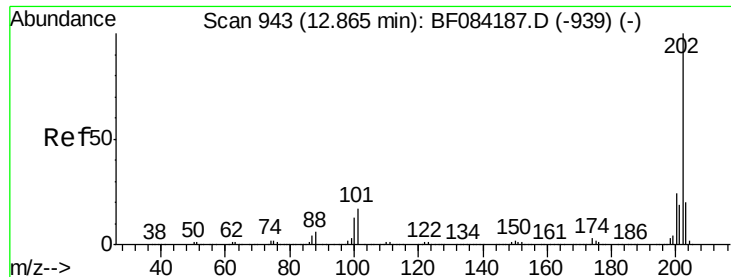


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

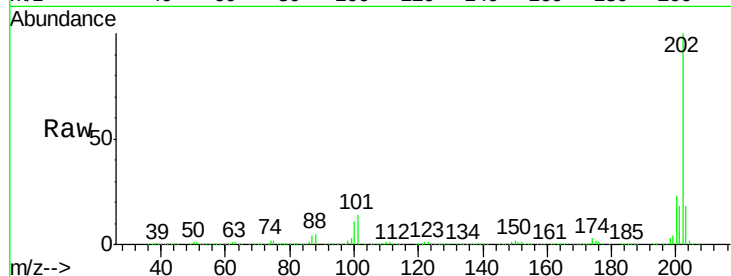




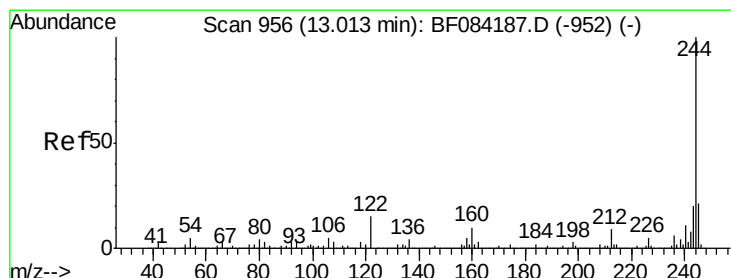
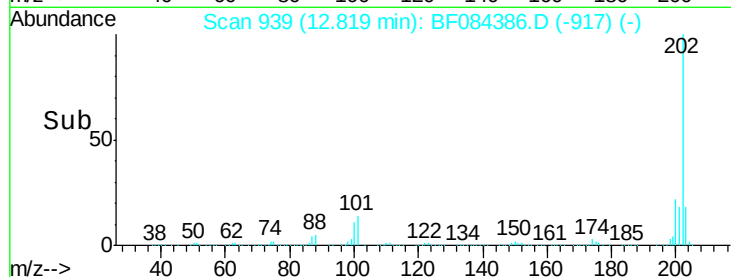
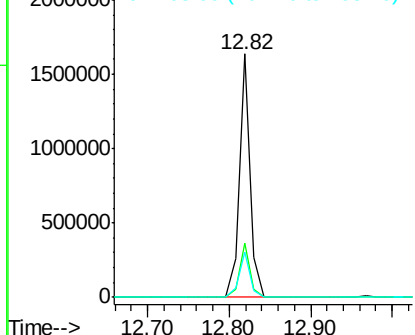
#77
Pyrene
 Concen: 40.68 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.05 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

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

Tgt Ion:202 Resp: 1495082
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.2 25.8
 203 18.4 14.3 21.5

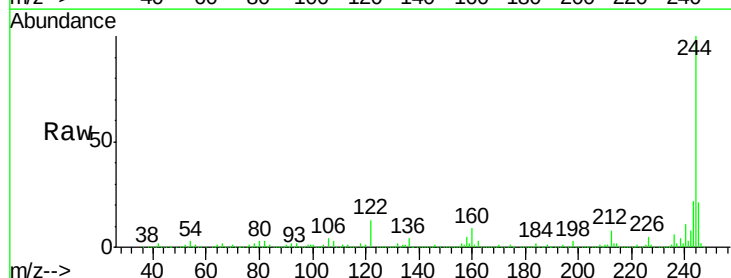


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

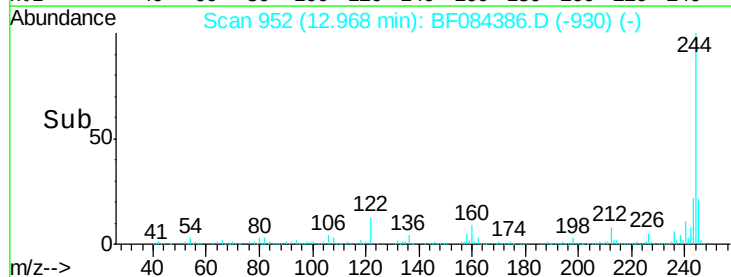
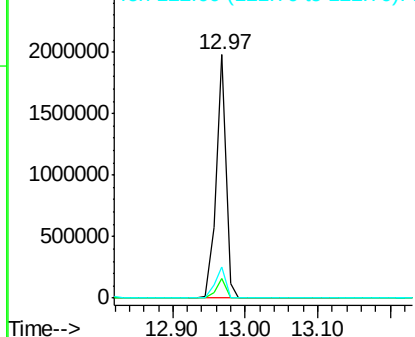


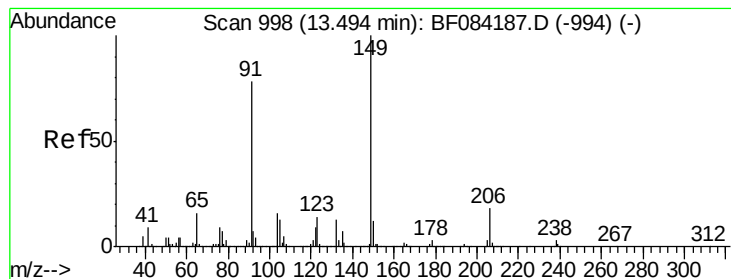
#78
Terphenyl-d14
 Concen: 88.56 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

Tgt Ion:244 Resp: 1858170
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 12.6 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: 51.26 ng

RT: 13.45 min Scan# 994

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

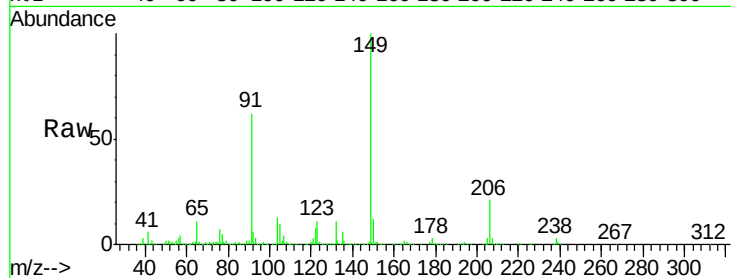
Tgt Ion:149 Resp: 815176

Ion Ratio Lower Upper

149 100

91 62.0 57.6 86.4

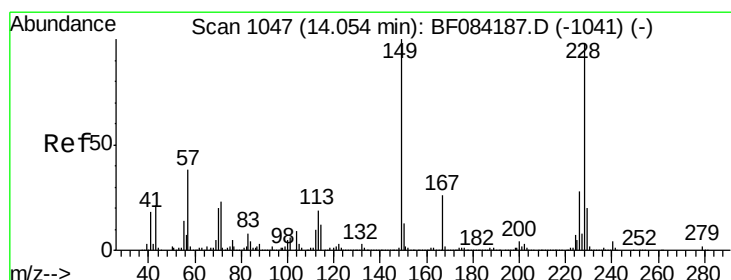
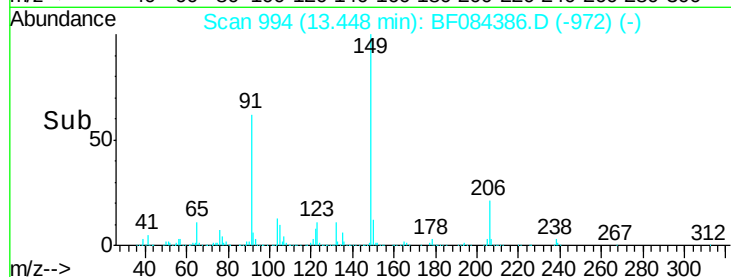
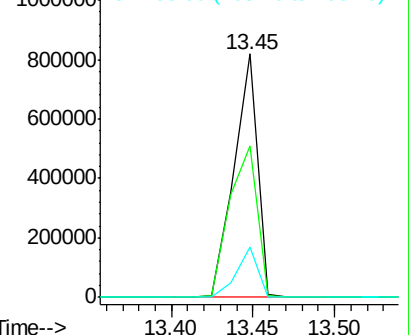
206 20.7 13.2 19.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.49 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

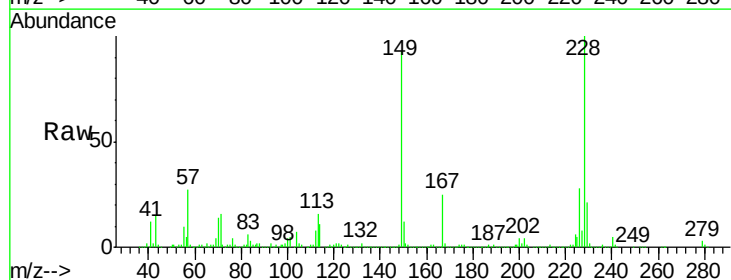
Tgt Ion:228 Resp: 1168557

Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.6

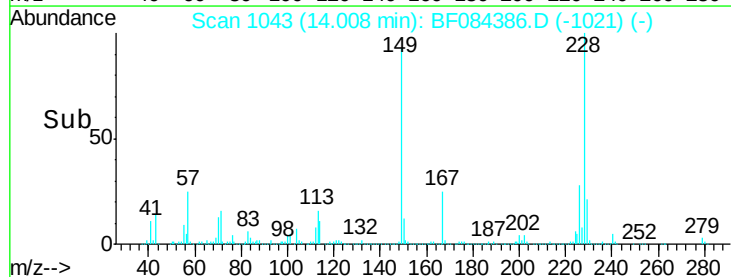
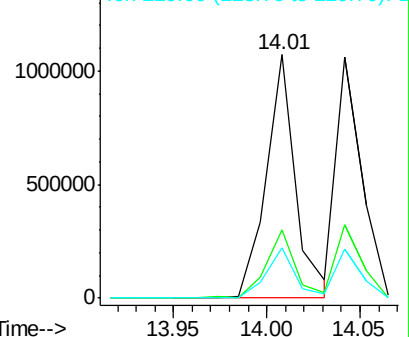
229 20.7 15.8 23.8

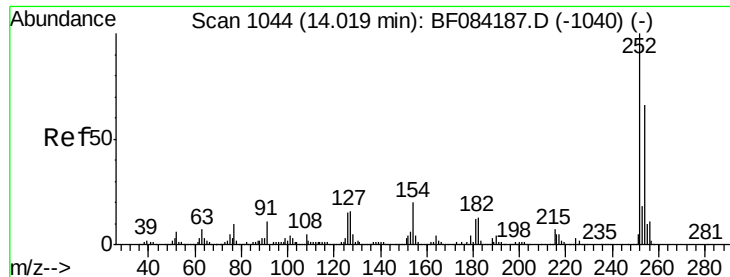


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

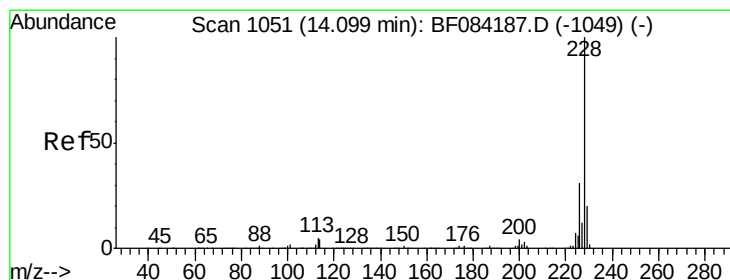
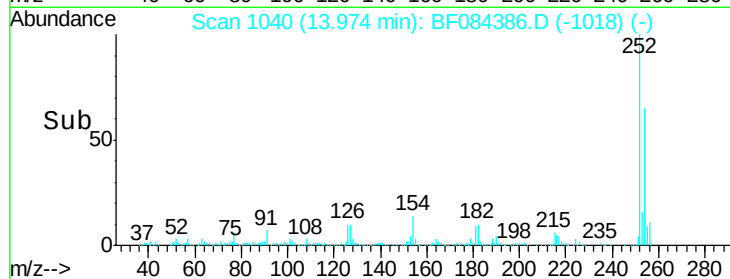
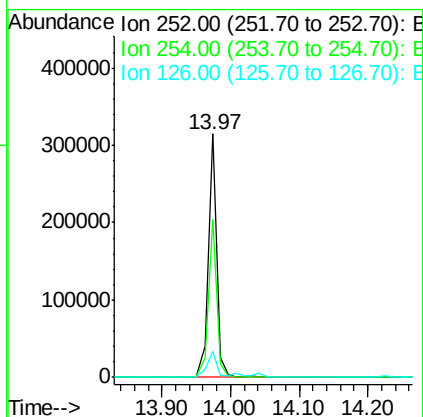
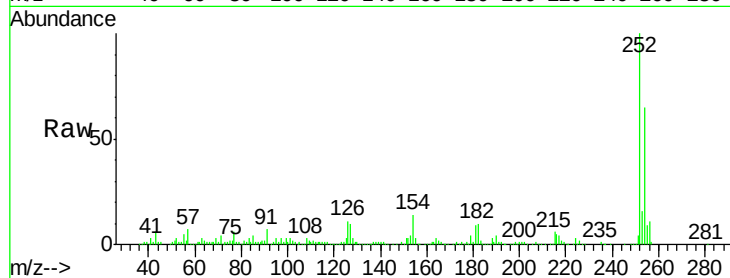




#81
 3,3'-Dichlorobenzidine
 Concen: 28.03 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

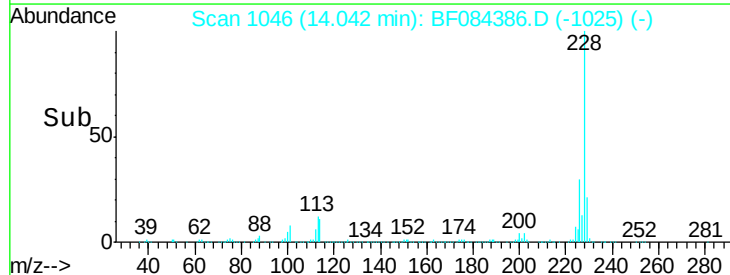
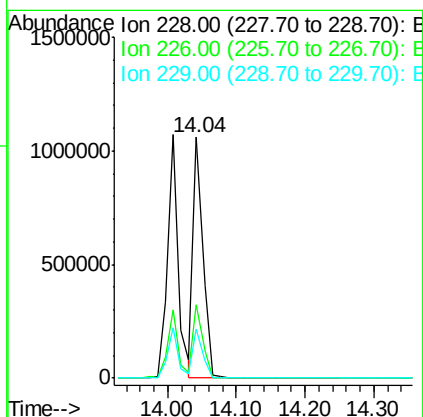
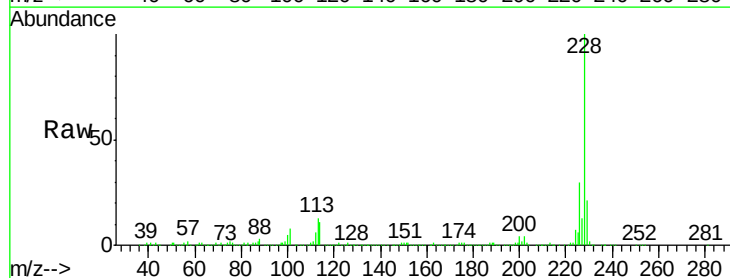
Instrument :
 BNA_F
 ClientSampleId :
 CONTAMINATED-DRUM(1-2)COMP

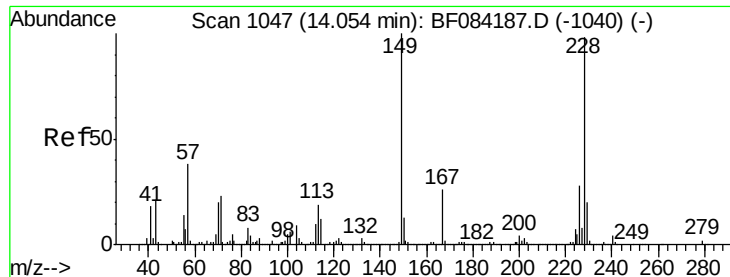
Tgt Ion:252 Resp: 269007
 Ion Ratio Lower Upper
 252 100
 254 64.9 53.5 80.3
 126 10.5 4.9 7.3#



#82
 Chrysene
 Concen: 39.08 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.06 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

Tgt Ion:228 Resp: 1032696
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.3 36.5
 229 20.5 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.01 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

Instrument :

BNA_F

ClientSampleId :

CONTAMINATED-DRUM(1-2)COMP

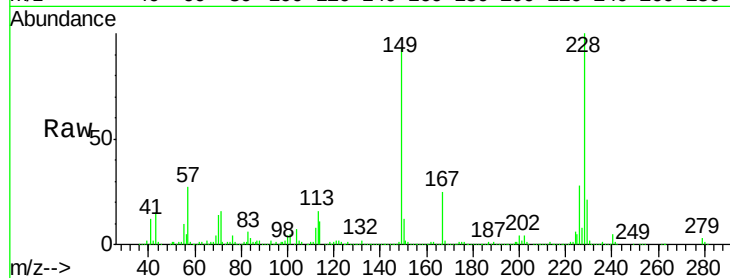
Tgt Ion:149 Resp: 1004919

Ion Ratio Lower Upper

149 100

167 27.1 19.7 29.5

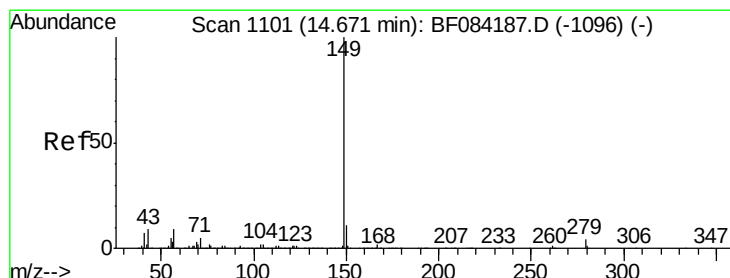
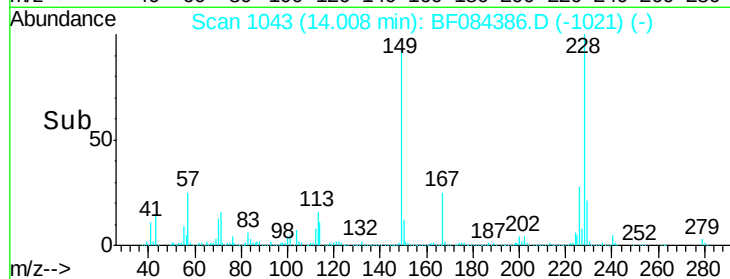
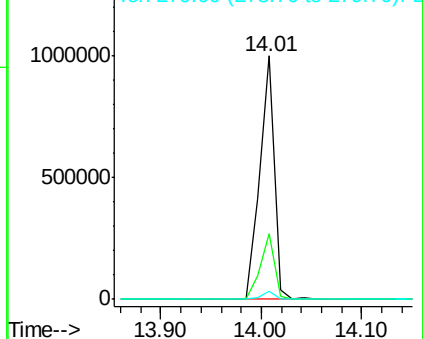
279 3.5 1.8 2.6#



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: 46.08 ng

RT: 14.61 min Scan# 1096

Delta R.T. -0.06 min

Lab File: BF084386.D

Acq: 11 Jan 2016 18:16

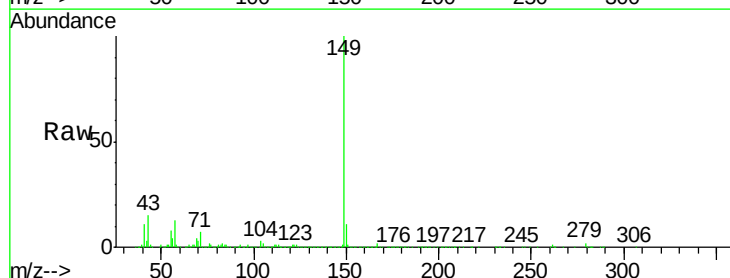
Tgt Ion:149 Resp: 1563082

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

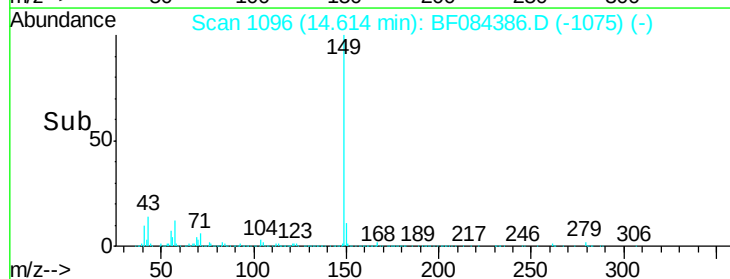
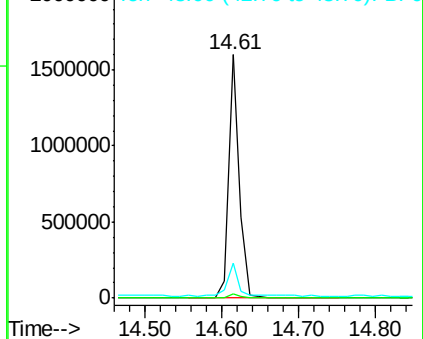
43 13.1 5.6 8.4#

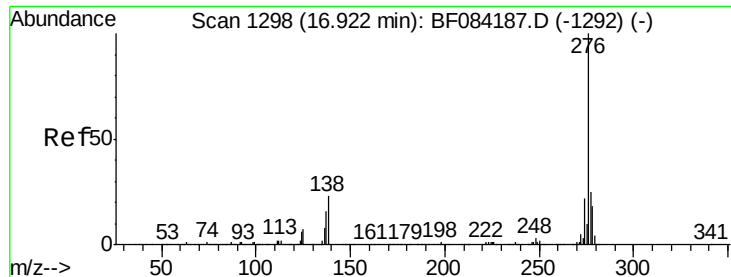


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

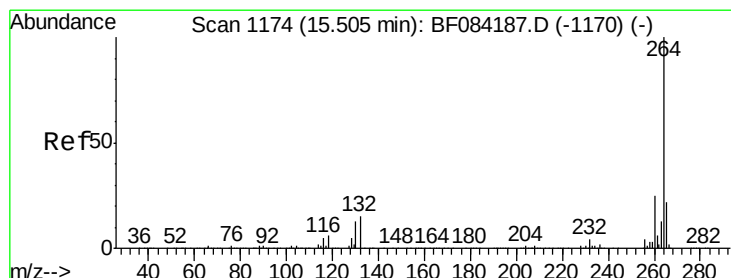
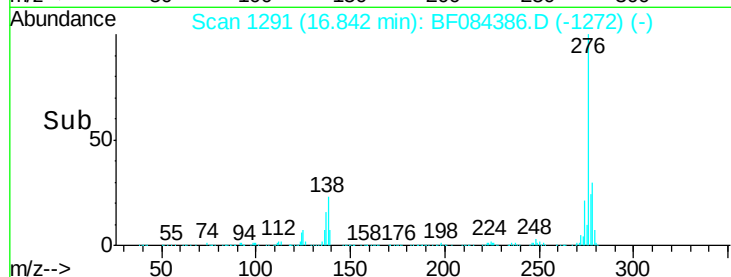
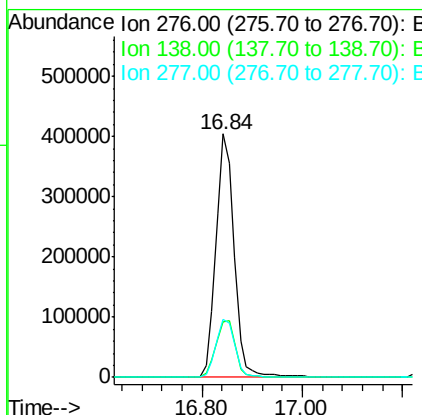
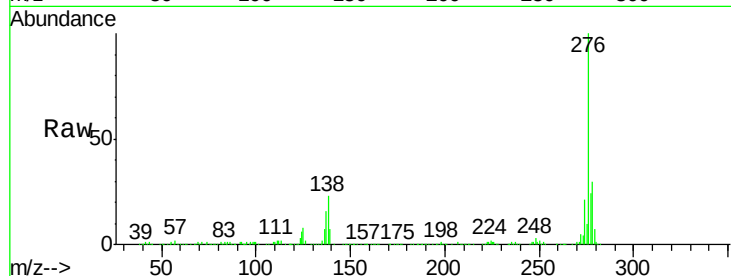




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.83 ng
 RT: 16.84 min Scan# 1291
 Delta R.T. -0.08 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

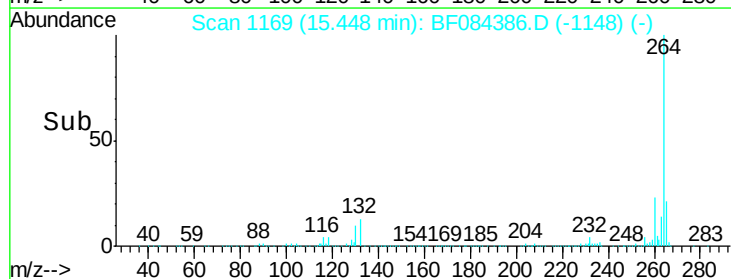
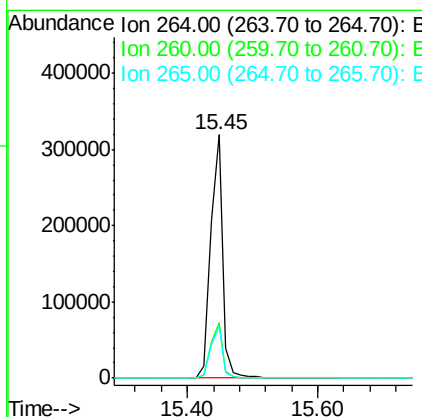
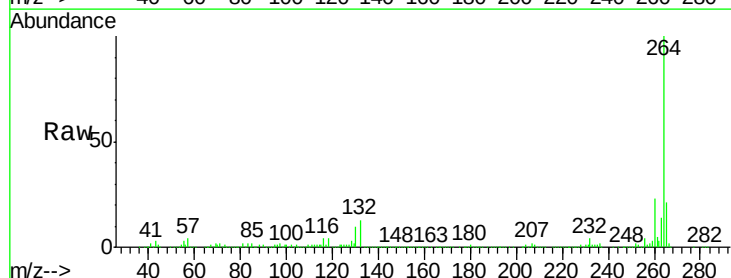
Instrument :
 BNA_F
 ClientSampleId :
 CONTAMINATED-DRUM(1-2)COMP

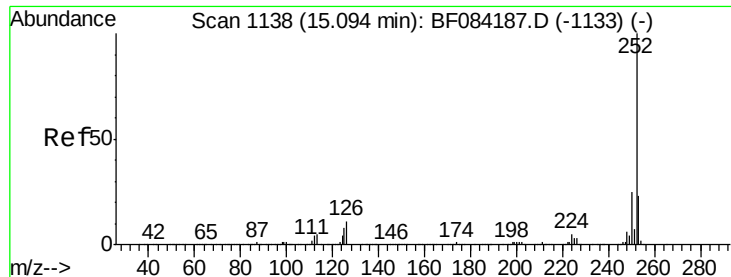
Tgt Ion:276 Resp: 1022781
 Ion Ratio Lower Upper
 276 100
 138 25.4 20.6 30.8
 277 25.2 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

Tgt Ion:264 Resp: 412245
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.4 29.2
 265 21.4 17.8 26.6

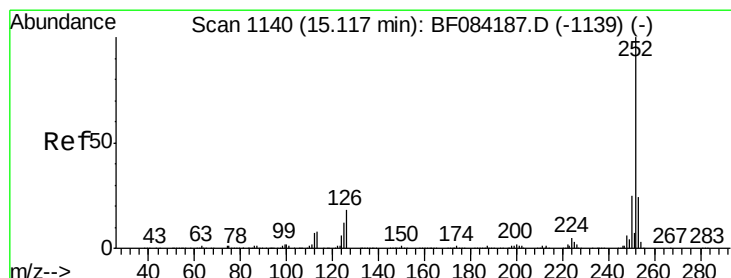
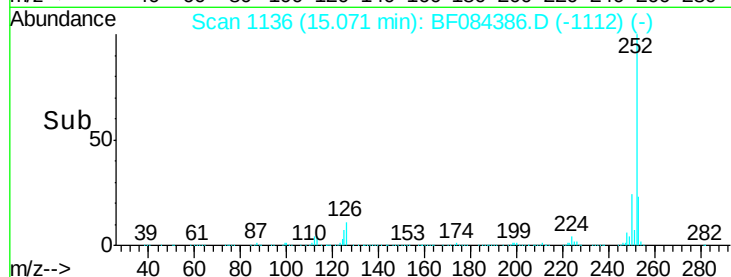
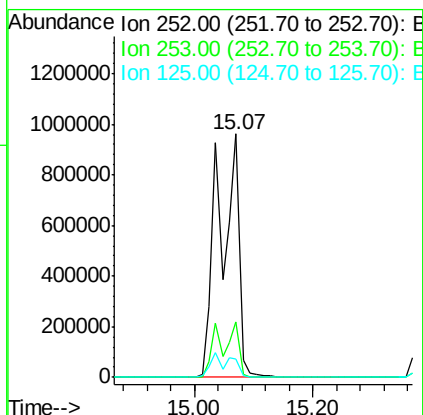
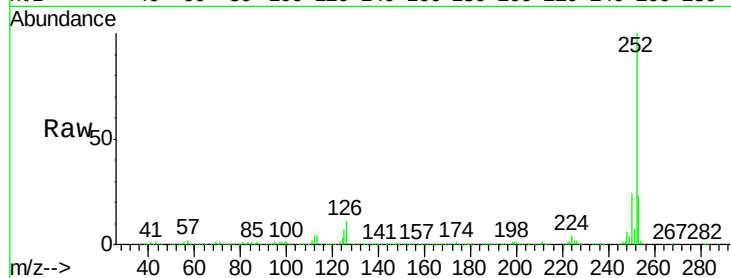




#87
Benzo(b)fluoranthene
Concen: 84.15 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF084386.D
Acq: 11 Jan 2016 18:16

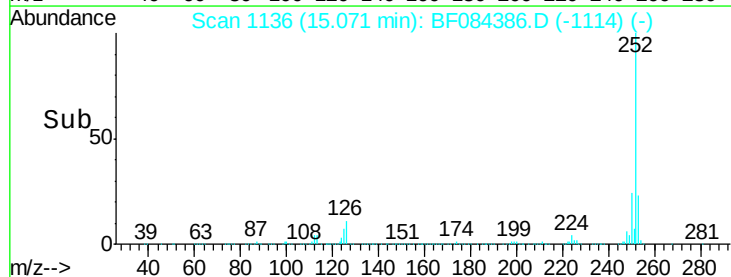
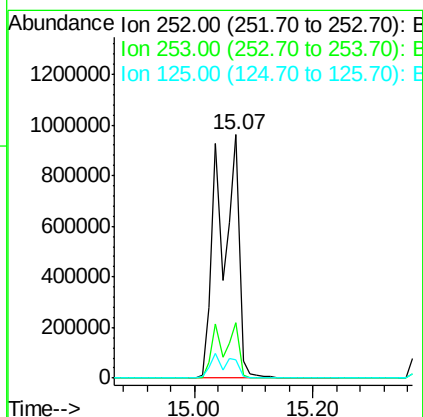
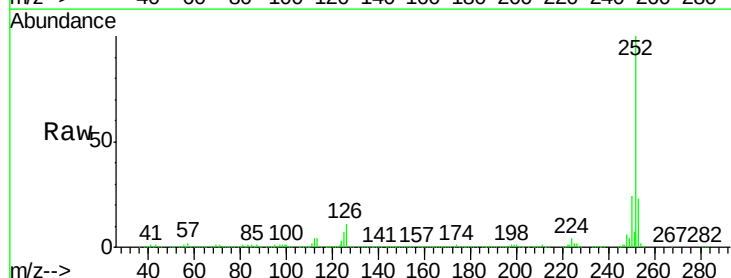
Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

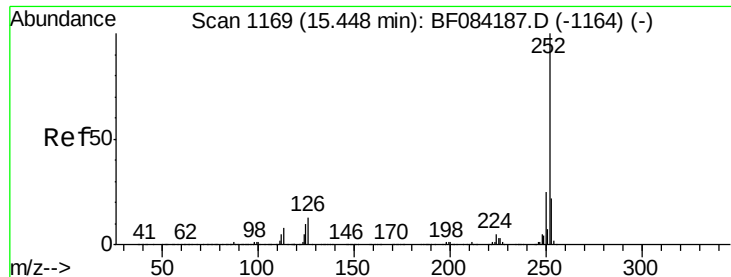
Tgt Ion:252 Resp: 2269129
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 7.4 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 102.89 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BF084386.D
Acq: 11 Jan 2016 18:16

Tgt Ion:252 Resp: 2269129
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 7.4 9.0 13.6#

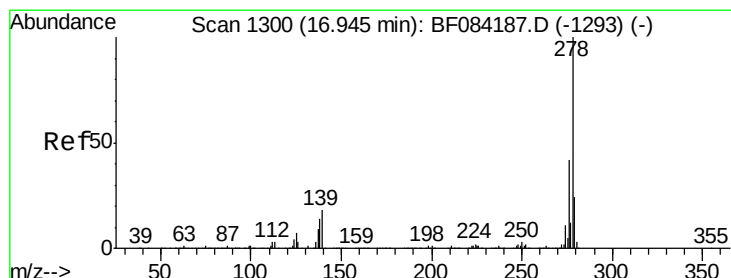
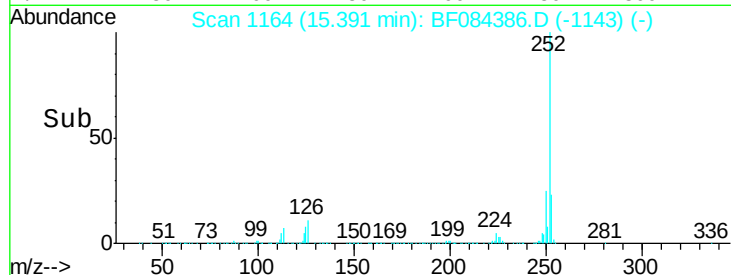
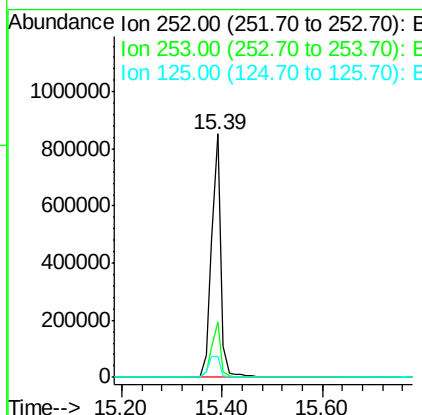
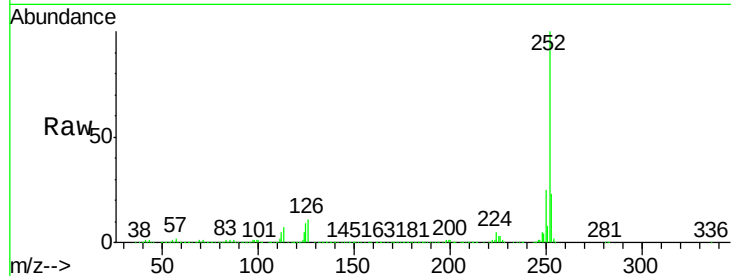




#89
Benzo(a)pyrene
Concen: 47.23 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF084386.D
Acq: 11 Jan 2016 18:16

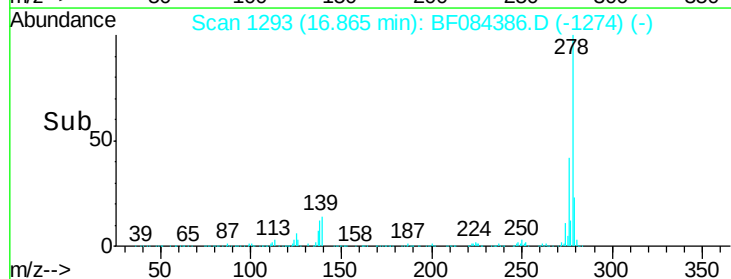
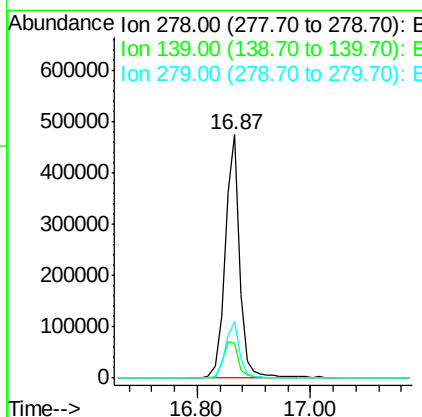
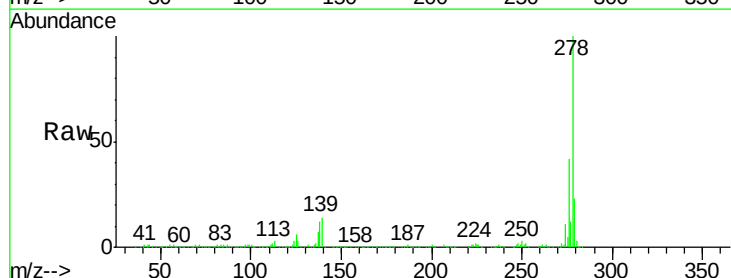
Instrument :
BNA_F
ClientSampleId :
CONTAMINATED-DRUM(1-2)COMP

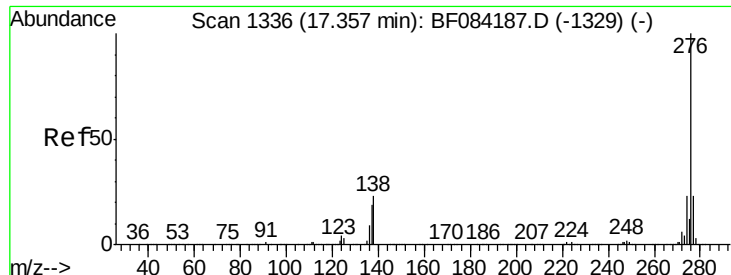
Tgt Ion:252 Resp: 1080214
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 8.7 7.0 10.4



#90
Dibenzo(a,h)anthracene
Concen: 43.16 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.08 min
Lab File: BF084386.D
Acq: 11 Jan 2016 18:16

Tgt Ion:278 Resp: 849486
Ion Ratio Lower Upper
278 100
139 14.3 15.0 22.4#
279 23.5 18.9 28.3





#91
 Benzo(g,h,i)perylene
 Concen: 40.45 ng
 RT: 17.27 min Scan# 1328
 Delta R.T. -0.09 min
 Lab File: BF084386.D
 Acq: 11 Jan 2016 18:16

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

Tgt Ion: 276 Resp: 824426
 Ion Ratio Lower Upper
 276 100
 277 24.3 18.8 28.2
 138 23.3 17.8 26.6

