

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060916\
 Data File : BF087862.D
 Acq On : 9 Jun 2016 19:53
 Operator : UM/SJ
 Sample : H3380-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMSD

Quant Time: Jun 10 02:01:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	127157	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	498896	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	201578	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	307011	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	253874	20.00	ng	-0.02
86) Perylene-d12	15.37	264	202902	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	679813	91.40	ng	0.00
7) Phenol-d6	6.47	99	1111387	123.29	ng	-0.01
23) Nitrobenzene-d5	7.39	82	684564	80.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	93611	43.98	ng	-0.03
44) 2-Fluorobiphenyl	9.19	172	1116446	87.15	ng	-0.02
78) Terphenyl-d14	12.91	244	719720	64.51	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	128237	35.48	ng	# 33
3) Pyridine	3.15	79	372148	43.61	ng	97
4) n-Nitrosodimethylamine	3.12	42	170749	47.25	ng	87
6) Aniline	6.48	93	151688	11.82	ng	# 1
8) 2-Chlorophenol	6.62	128	307112	34.88	ng	# 80
9) Benzaldehyde	6.36	77	48712	6.65	ng	94
10) Phenol	6.48	94	348388	36.99	ng	80
11) bis(2-Chloroethyl)ether	6.57	93	516781	65.38	ng	# 82
12) 1,3-Dichlorobenzene	6.76	146	384709	40.73	ng	98
13) 1,4-Dichlorobenzene	6.84	146	427952	44.97	ng	98
14) 1,2-Dichlorobenzene	6.84	146	427952	49.45	ng	98
15) Benzyl Alcohol	6.97	79	280413	39.76	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	437218	40.94	ng	89
17) 2-Methylphenol	7.08	107	300887	42.14	ng	100
18) Hexachloroethane	7.34	117	205961	61.00	ng	89
19) n-Nitroso-di-n-propylamine	7.26	70	296977	51.50	ng	# 84
20) 3+4-Methylphenols	7.24	107	367452	44.11	ng	91
22) Acetophenone	7.24	105	516378	46.32	ng	# 90
24) Nitrobenzene	7.42	77	467812	56.53	ng	97
25) Isophorone	7.66	82	729909	46.12	ng	# 92
26) 2-Nitrophenol	7.66	139	15969	3.60	ng	88
27) 2,4-Dimethylphenol	7.77	122	338044	41.41	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	420951	42.89	ng	# 97
29) 2,4-Dichlorophenol	7.98	162	221565	32.51	ng	89
30) 1,2,4-Trichlorobenzene	8.06	180	338549	45.62	ng	98
31) Naphthalene	8.14	128	1183148	47.92	ng	100
32) Benzoic acid	7.77	122	338044	75.21	ng	# 15
33) 4-Chloroaniline	8.18	127	195578	17.74	ng	98
34) Hexachlorobutadiene	8.25	225	166293	42.49	ng	99
35) Caprolactam	8.55	113	101649	45.03	ng	# 78
36) 4-Chloro-3-methylphenol	8.67	107	308749	42.36	ng	97
37) 2-Methylnaphthalene	8.92	142	781033	48.00	ng	94
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	276778	58.83	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	40534	12.47	ng	100

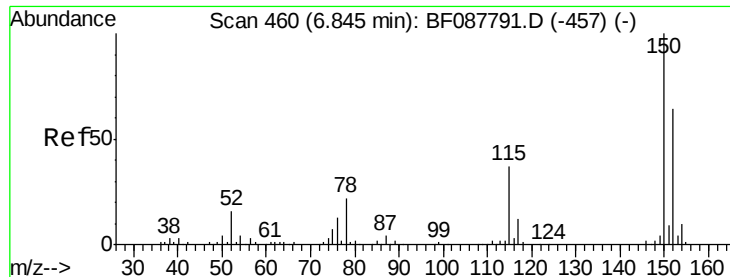
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	49194	12.20	ng	96
43) 2,4,5-Trichlorophenol	9.14	196	82909	19.77	ng #	83
45) 1,1'-Biphenyl	9.29	154	782037	52.76	ng	94
46) 2-Chloronaphthalene	9.31	162	619227	47.47	ng #	91
47) 2-Nitroaniline	9.40	65	193731	50.35	ng	89
48) Acenaphthylene	9.72	152	951078	45.84	ng	99
49) Dimethylphthalate	9.59	163	738778	50.59	ng	99
50) 2,6-Dinitrotoluene	9.64	165	142564	42.63	ng #	59
51) Acenaphthene	9.90	154	611192	47.22	ng	98
52) 3-Nitroaniline	9.82	138	157088	40.71	ng	84
53) 2,4-Dinitrophenol	9.92	184	278	3.30	ng #	9
54) Dibenzofuran	10.07	168	858137	48.14	ng	97
55) 4-Nitrophenol	9.96	139	25728	8.59	ng	96
56) 2,4-Dinitrotoluene	10.04	165	190558	44.34	ng #	74
57) Fluorene	10.41	166	565542	47.18	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	24102	7.31	ng #	63
59) Diethylphthalate	10.28	149	710655	48.08	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	254787	42.98	ng	98
61) 4-Nitroaniline	10.42	138	157360	42.99	ng	98
62) Azobenzene	10.56	77	650451	44.50	ng	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	1688	3.00	ng #	50
65) n-Nitrosodiphenylamine	10.51	169	489462	48.05	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	162899	49.46	ng #	89
67) Hexachlorobenzene	10.95	284	155394	45.41	ng	98
68) Atrazine	11.05	200	160425	52.00	ng	99
69) Pentachlorophenol	11.14	266	26118	14.48	ng	99
70) Phenanthrene	11.36	178	861405	53.47	ng	99
71) Anthracene	11.42	178	865237	53.24	ng	99
72) Carbazole	11.56	167	691879	45.50	ng	100
73) Di-n-butylphthalate	11.90	149	914515	47.51	ng	100
74) Fluoranthene	12.55	202	1059378	62.31	ng	96
76) Benzidine	12.66	184	259723	36.95	ng	99
77) Pyrene	12.78	202	998483	53.00	ng	99
79) Butylbenzylphthalate	13.39	149	395476	47.48	ng	98
80) Benzo(a)anthracene	13.95	228	734262	50.75	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	142478	36.62	ng #	98
82) Chrysene	13.99	228	589658	43.32	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	450013	44.38	ng #	98
84) Di-n-octyl phthalate	14.56	149	806425	48.95	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.74	276	557569	44.09	ng #	100
87) Benzo(b)fluoranthene	15.01	252	1269355	89.76	ng	98
88) Benzo(k)fluoranthene	15.01	252	1269355	118.99	ng #	96
89) Benzo(a)pyrene	15.31	252	576720	50.40	ng	99
90) Dibenzo(a,h)anthracene	16.75	278	450366	42.38	ng	99
91) Benzo(g,h,i)perylene	17.15	276	455548	41.67	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

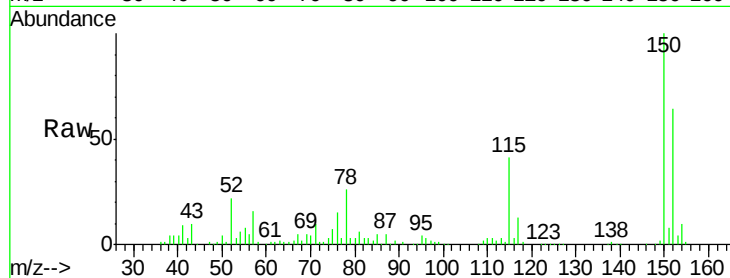
Tgt Ion:152 Resp: 127157

Ion Ratio Lower Upper

152 100

150 155.7 123.8 185.6

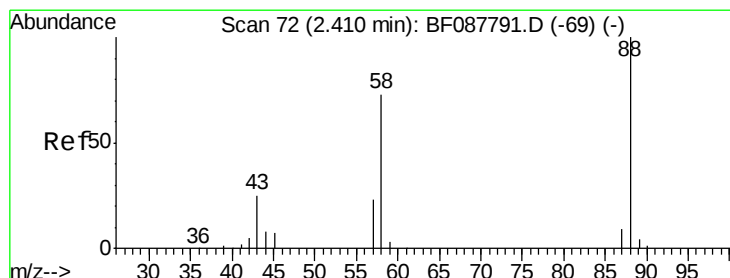
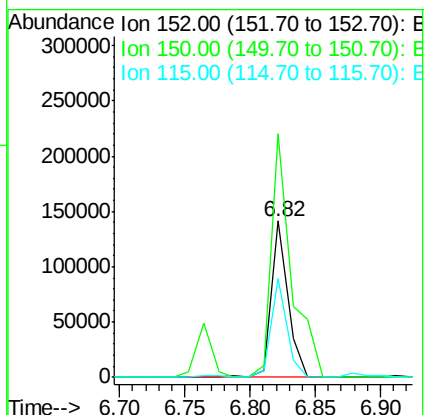
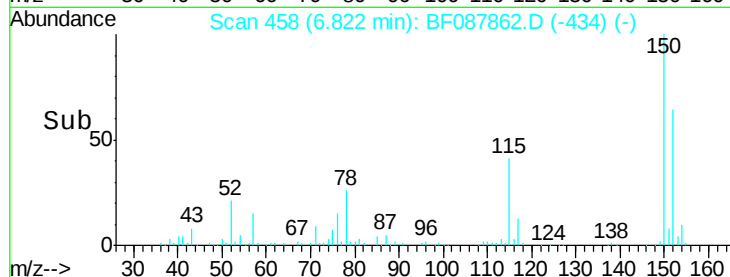
115 63.4 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.48 ng

RT: 2.44 min Scan# 75

Delta R.T. 0.03 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

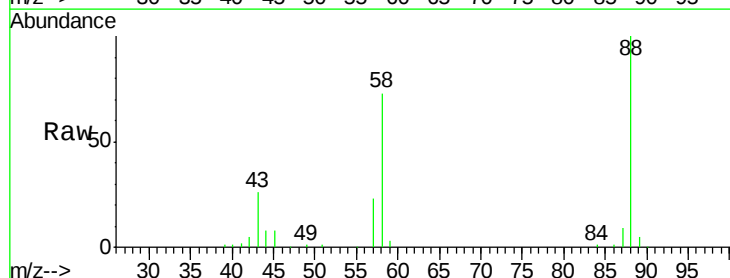
Tgt Ion: 88 Resp: 128237

Ion Ratio Lower Upper

88 100

58 75.5 0.0 0.0#

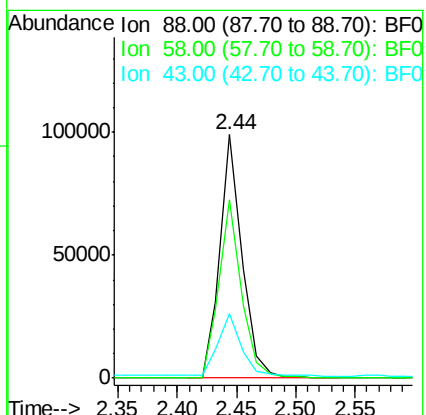
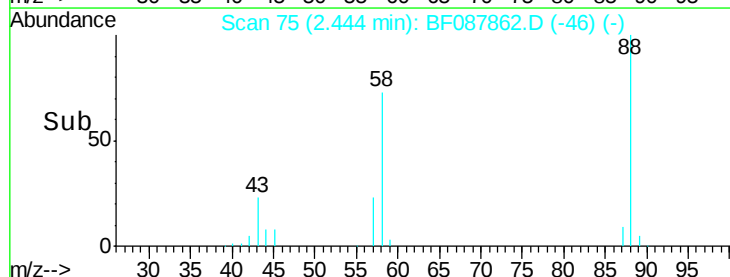
43 26.5 3.4 5.2#

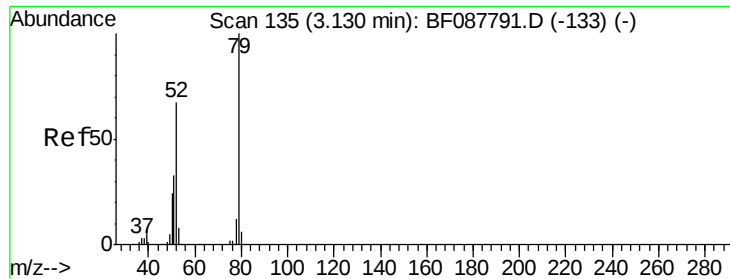


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 43.61 ng

RT: 3.15 min Scan# 137

Delta R.T. 0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

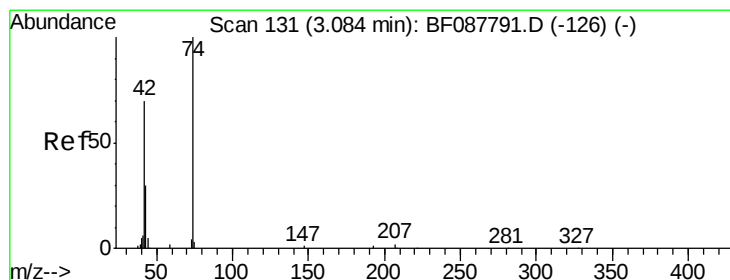
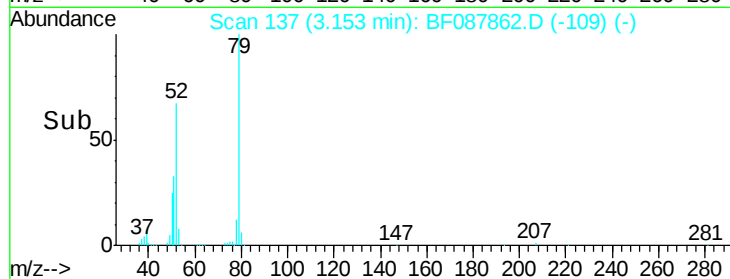
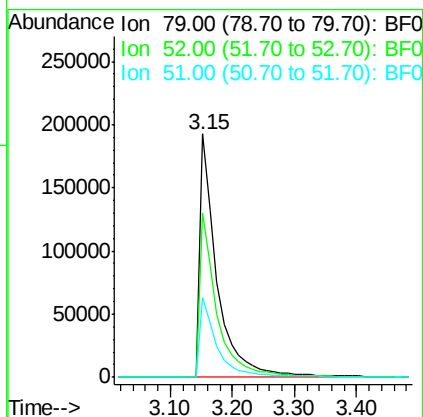
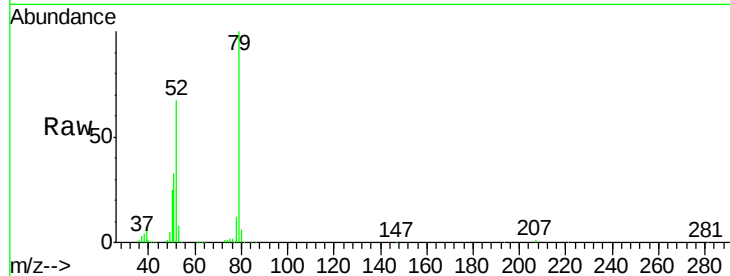
Tgt Ion: 79 Resp: 372148

Ion Ratio Lower Upper

79 100

52 67.3 56.3 84.5

51 33.0 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 47.25 ng

RT: 3.12 min Scan# 134

Delta R.T. 0.03 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

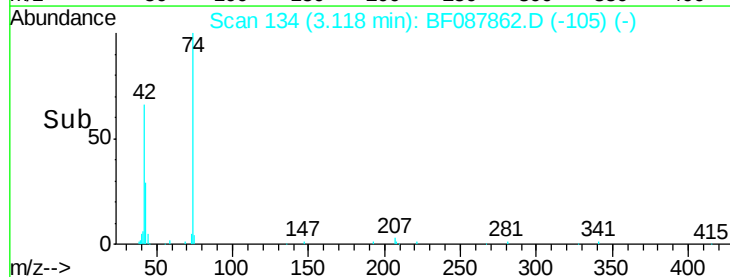
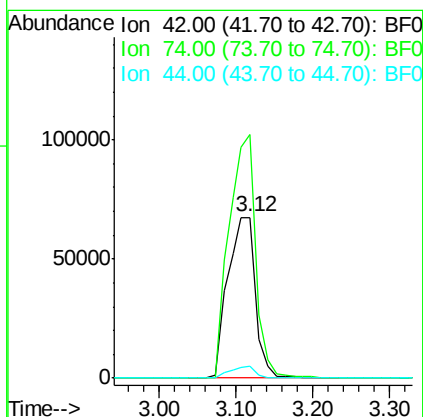
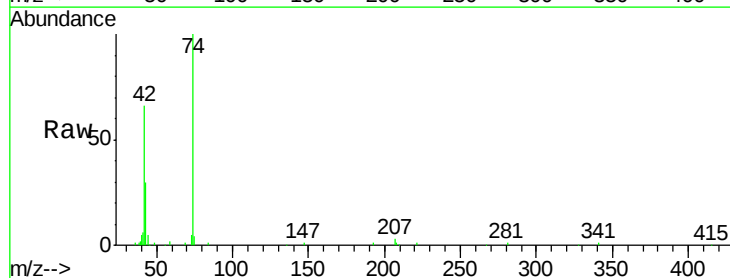
Tgt Ion: 42 Resp: 170749

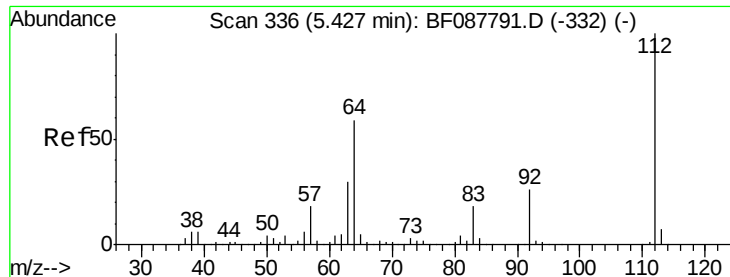
Ion Ratio Lower Upper

42 100

74 151.6 108.6 163.0

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 91.40 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.00 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

Instrument :

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ClientSampleId :

U5-B1(0-12)CMSD

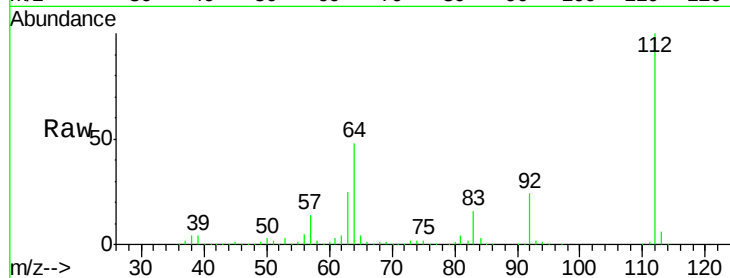
Tgt Ion: 112 Resp: 679813

Ion Ratio Lower Upper

112 100

64 47.8 42.2 63.2

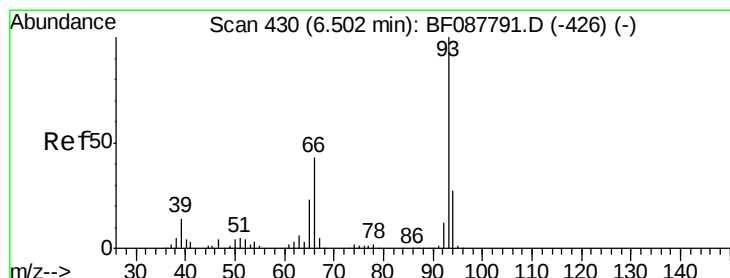
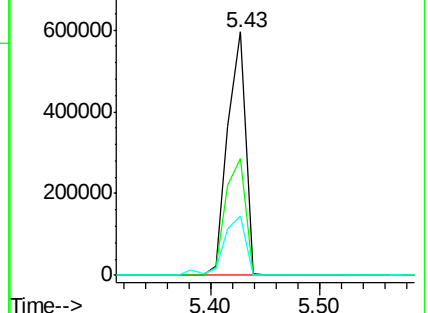
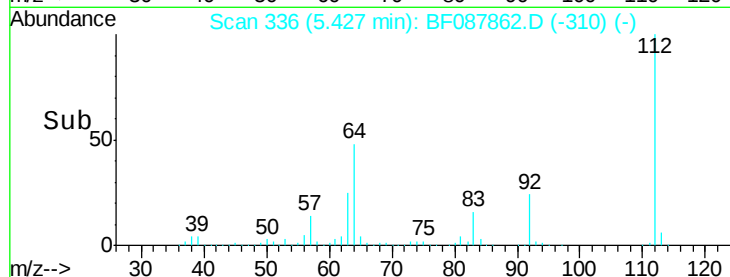
63 24.6 21.8 32.8



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: 11.82 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

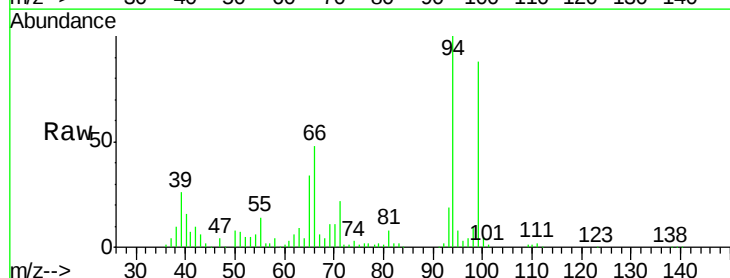
Tgt Ion: 93 Resp: 151688

Ion Ratio Lower Upper

93 100

66 257.5 29.8 44.8#

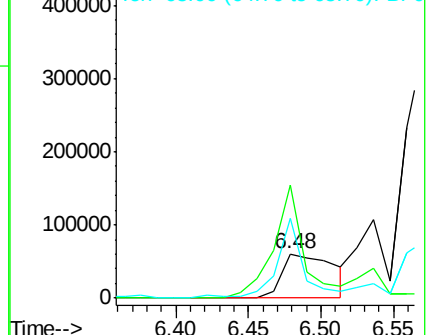
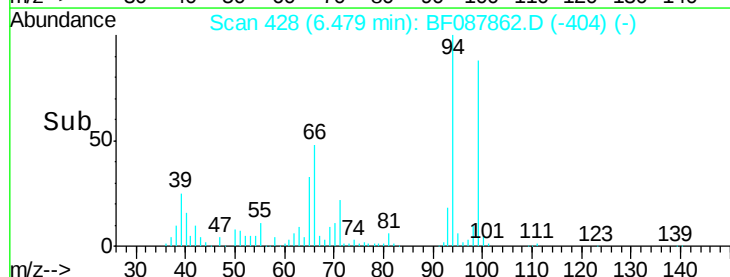
65 181.3 14.9 22.3#

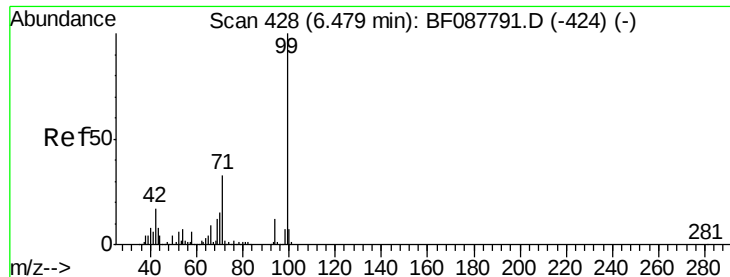


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.29 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

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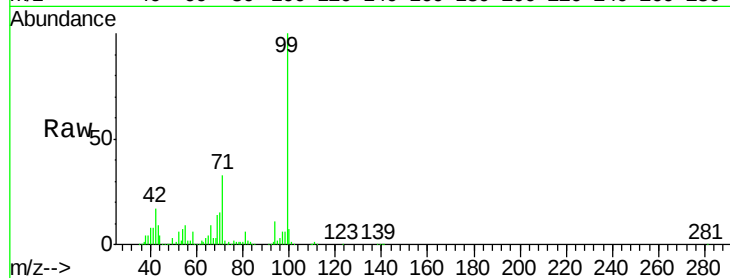
Tgt Ion: 99 Resp: 1111387

Ion Ratio Lower Upper

99 100

42 16.8 12.2 18.2

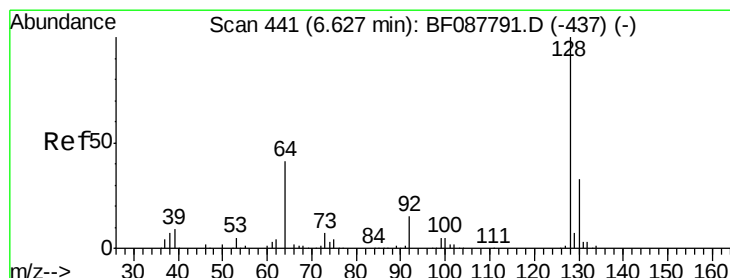
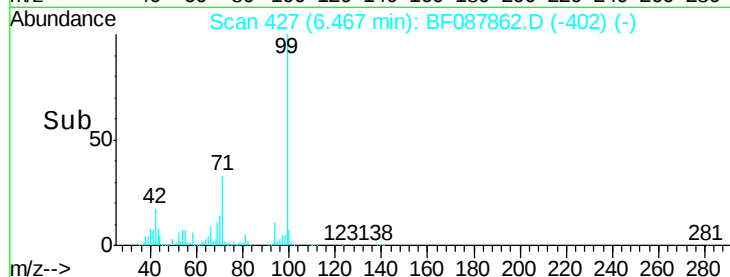
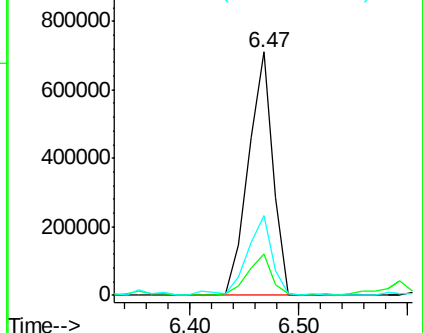
71 32.9 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 34.88 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

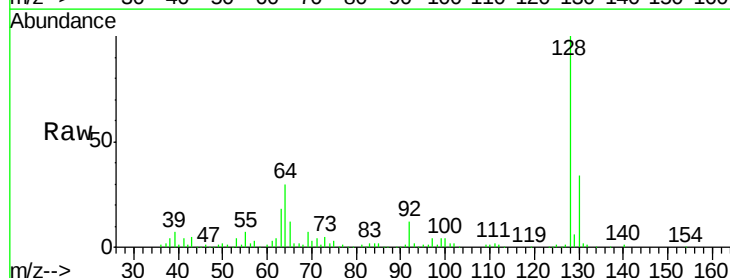
Tgt Ion: 128 Resp: 307112

Ion Ratio Lower Upper

128 100

130 33.9 12.0 52.0

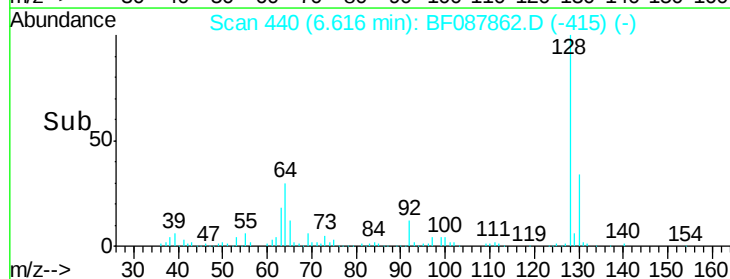
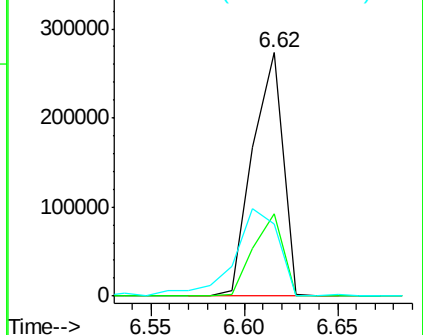
64 29.7 30.8 70.8#

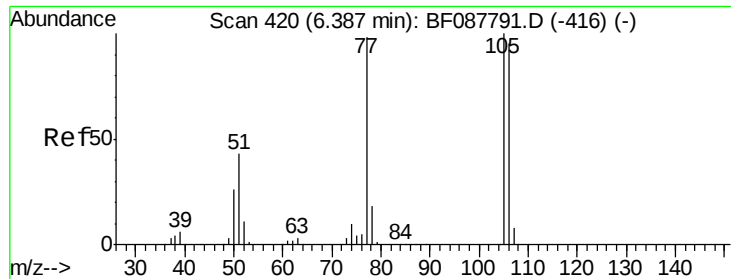


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.65 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

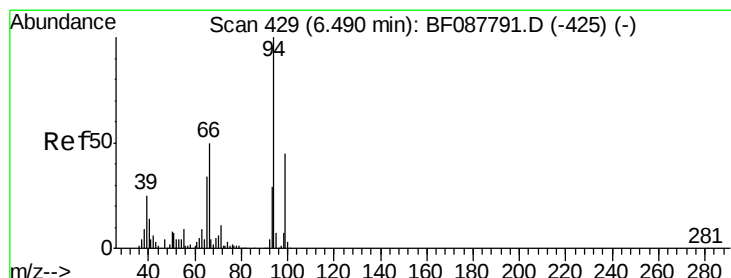
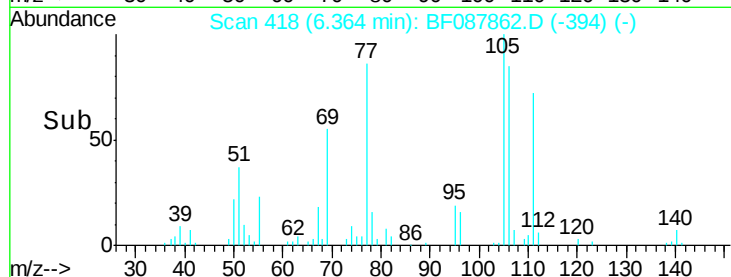
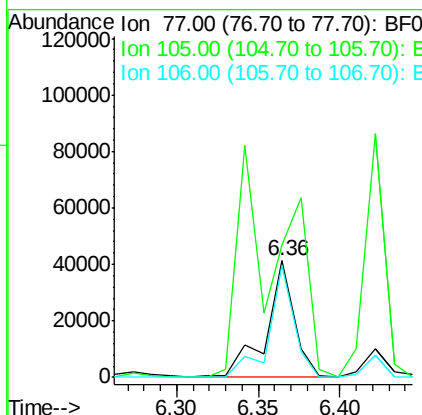
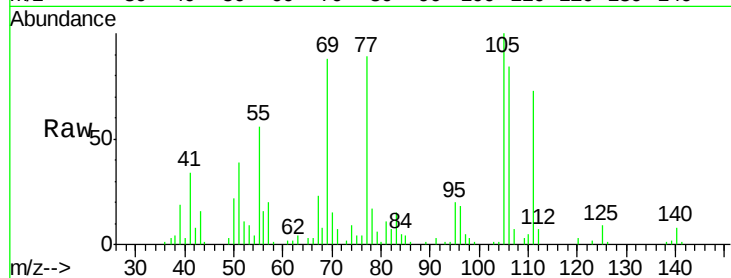
Tgt Ion: 77 Resp: 48712

Ion Ratio Lower Upper

77 100

105 112.9 90.6 130.6

106 95.3 85.3 125.3



#10

Phenol

Concen: 36.99 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

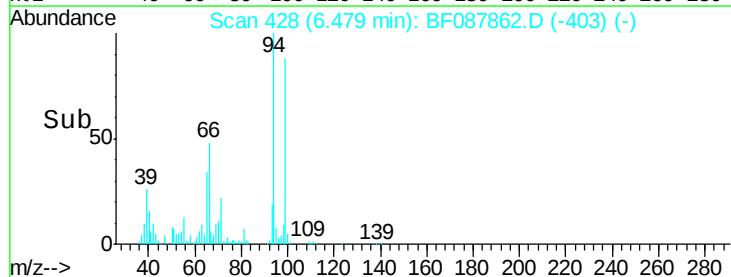
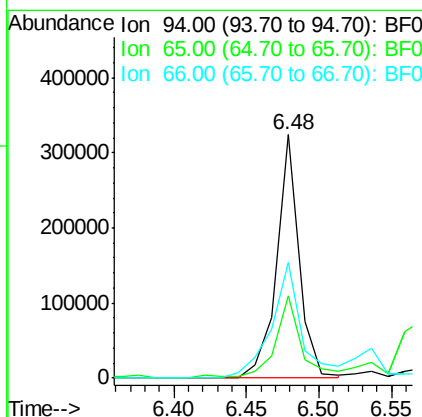
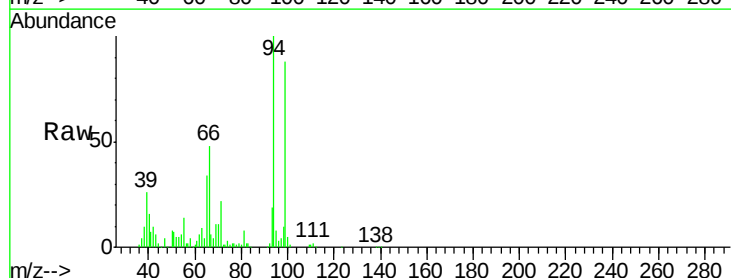
Tgt Ion: 94 Resp: 348388

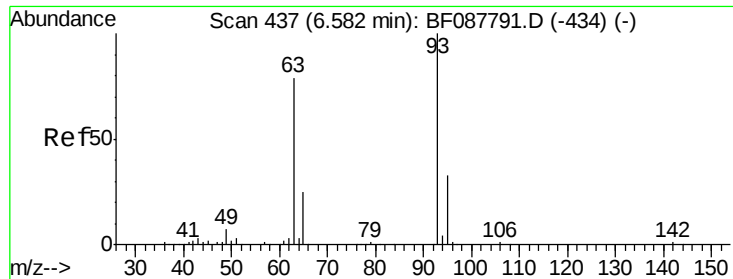
Ion Ratio Lower Upper

94 100

65 33.6 5.9 45.9

66 47.7 14.0 54.0





#11

bis(2-Chloroethyl)ether

Concen: 65.38 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

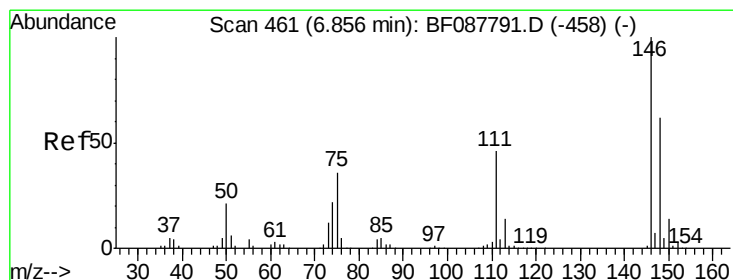
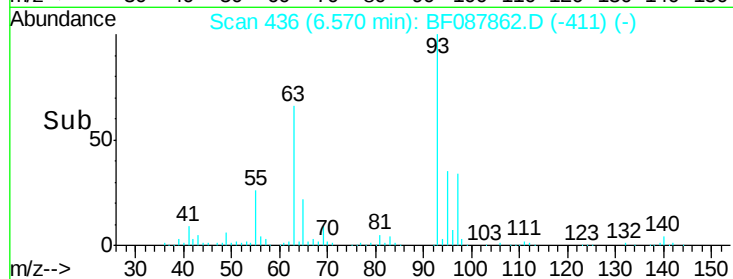
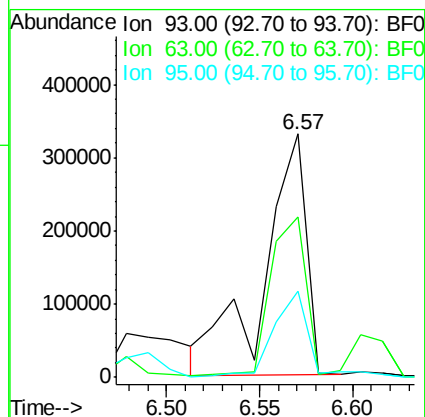
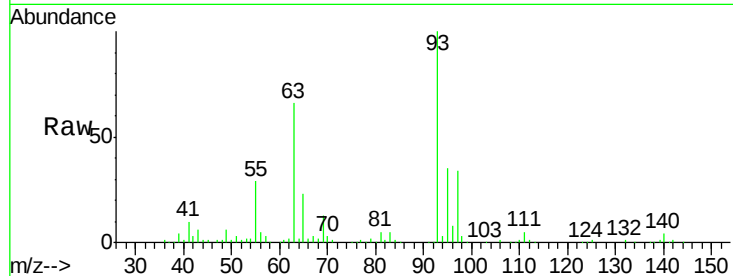
Tgt Ion: 93 Resp: 516781

Ion Ratio Lower Upper

93 100

63 65.8 67.6 107.6#

95 35.3 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 40.73 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

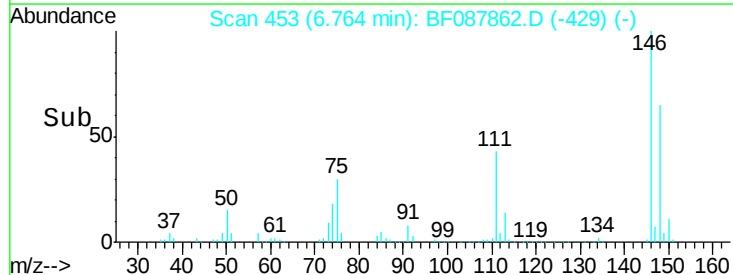
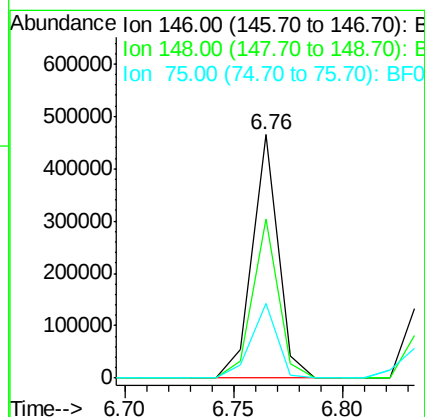
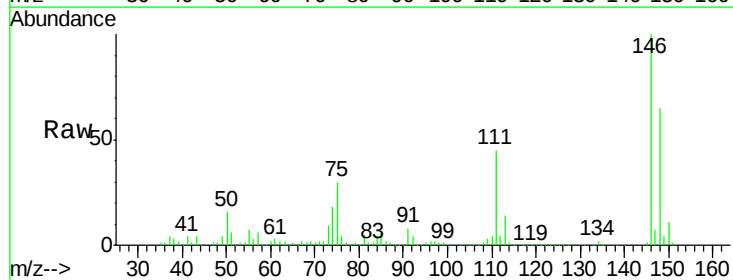
Tgt Ion: 146 Resp: 384709

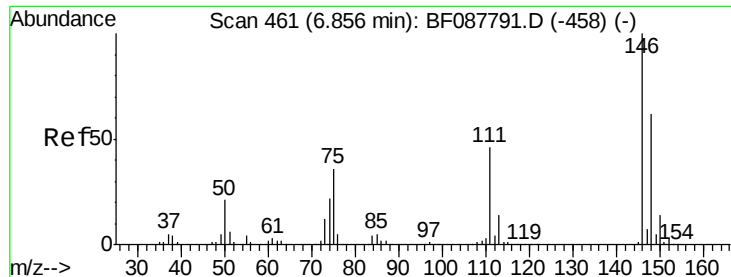
Ion Ratio Lower Upper

146 100

148 65.3 50.9 76.3

75 30.4 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 44.97 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

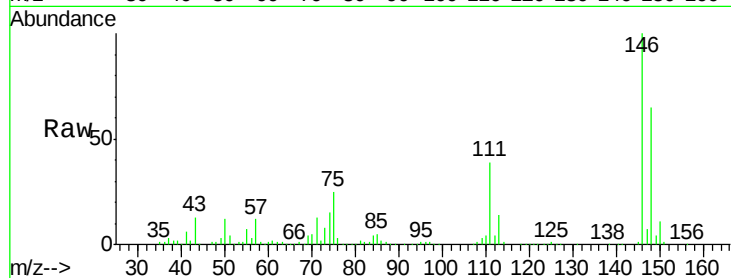
Tgt Ion:146 Resp: 427952

Ion Ratio Lower Upper

146 100

148 65.2 52.0 78.0

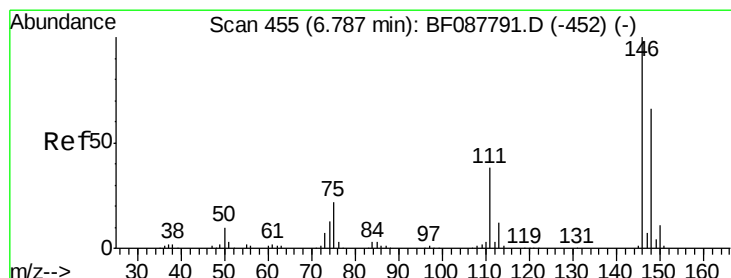
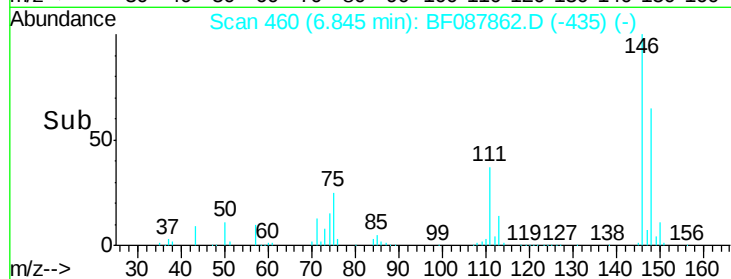
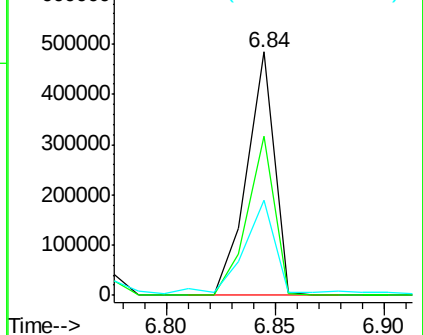
111 39.2 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 49.45 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.17 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

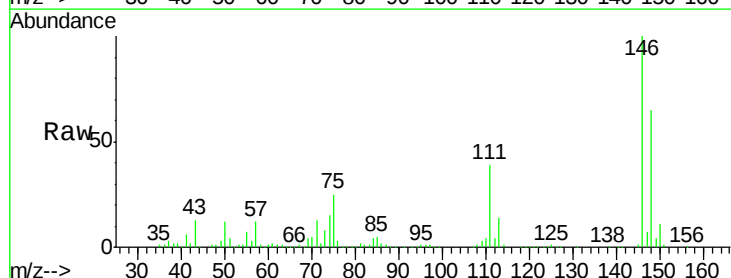
Tgt Ion:146 Resp: 427952

Ion Ratio Lower Upper

146 100

148 65.2 52.3 78.5

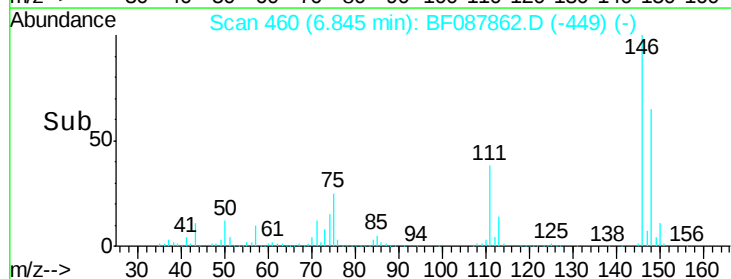
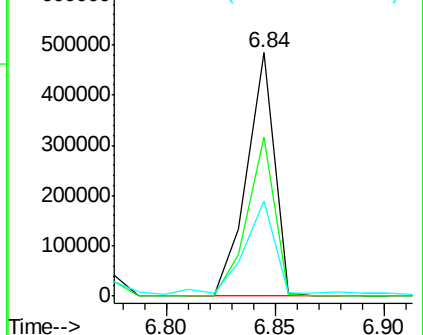
111 39.2 28.7 43.1

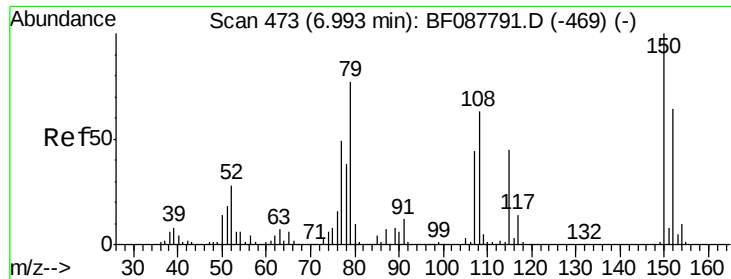


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.76 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

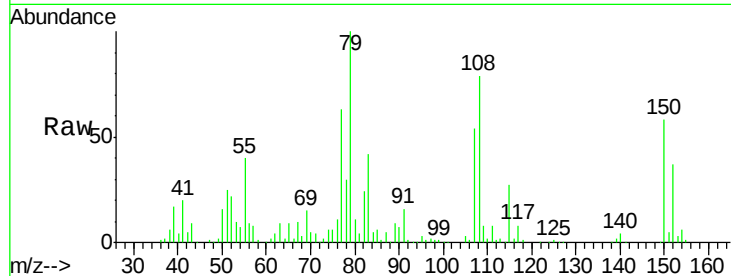
Tgt Ion: 79 Resp: 280413

Ion Ratio Lower Upper

79 100

108 79.0 65.0 97.6

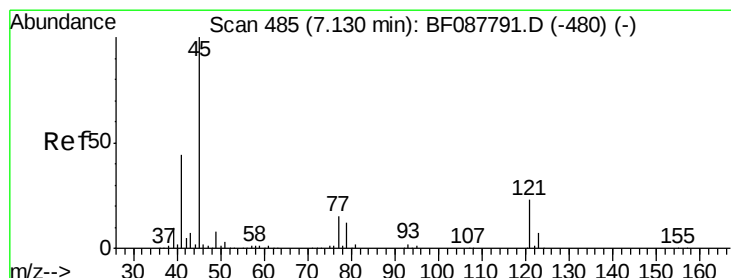
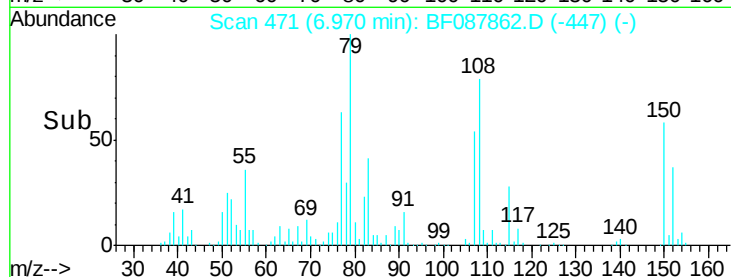
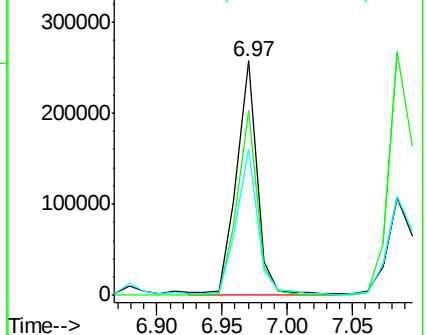
77 62.6 50.3 75.5



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: 40.94 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

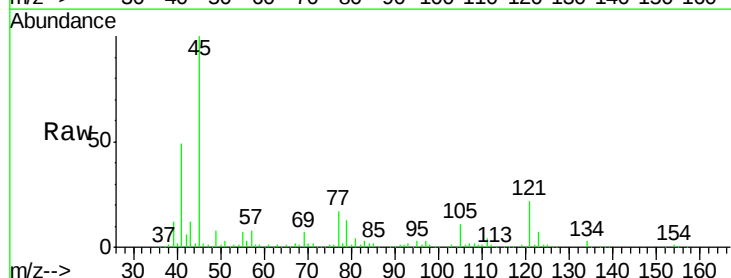
Tgt Ion: 45 Resp: 437218

Ion Ratio Lower Upper

45 100

77 16.7 0.0 32.5

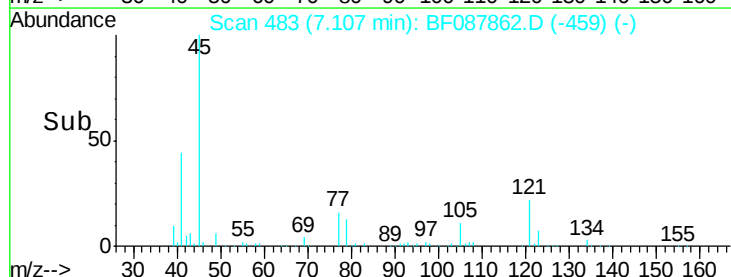
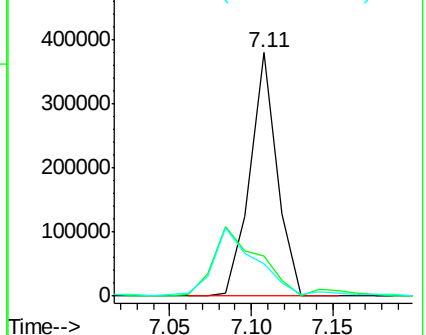
79 13.3 0.0 29.5

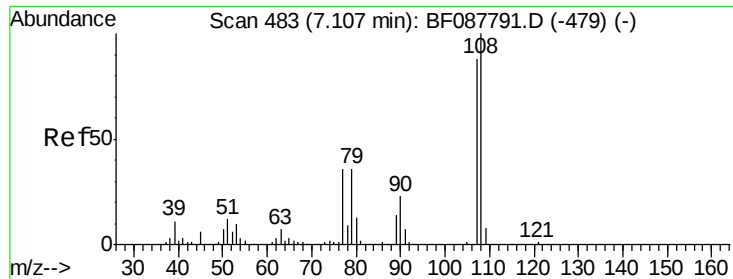


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

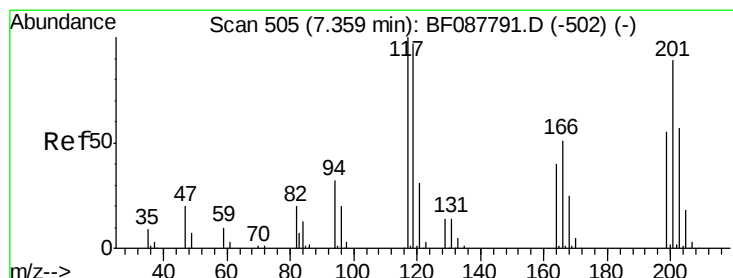
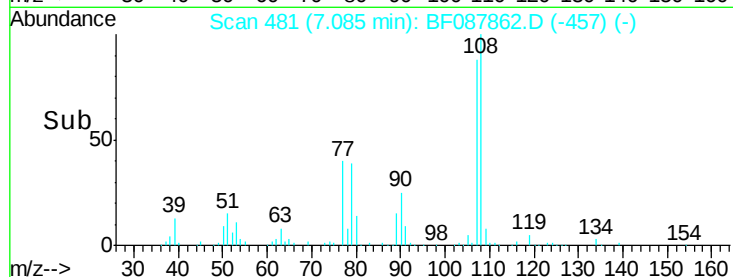
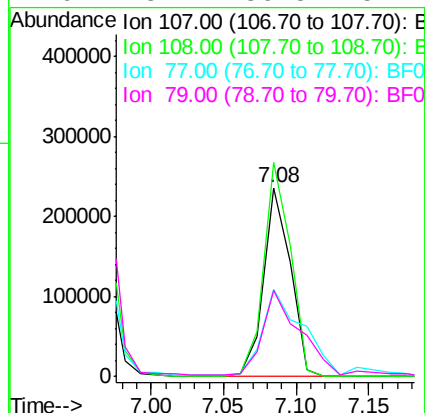
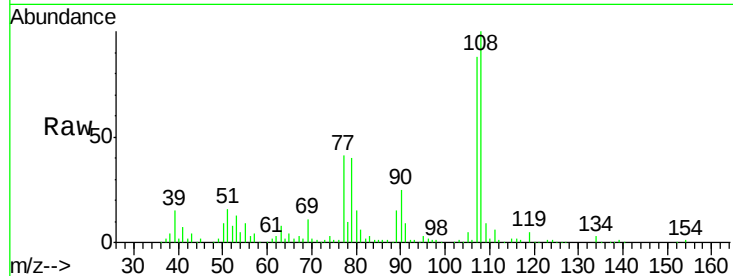




#17
2-Methylphenol
Concen: 42.14 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

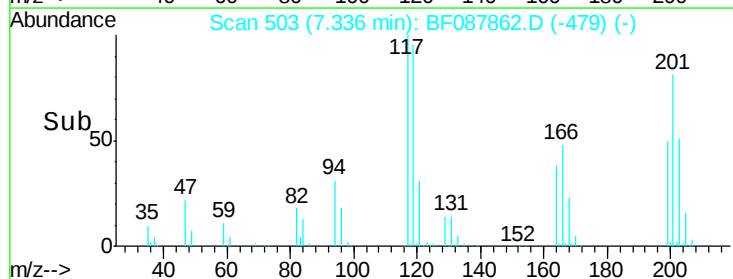
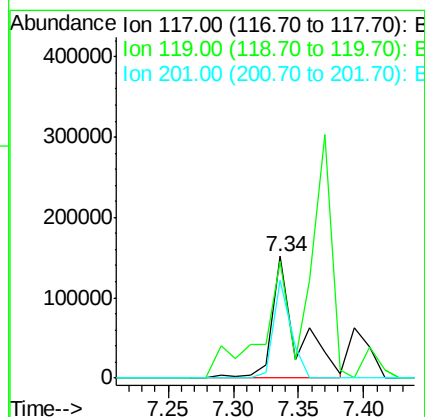
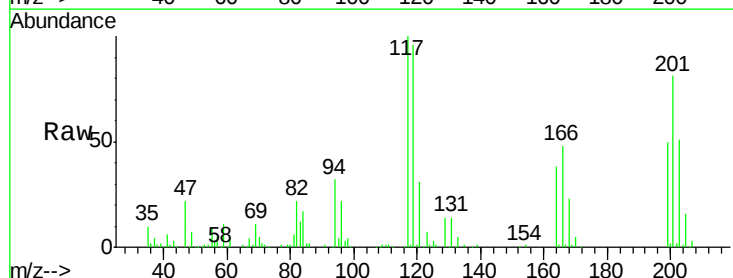
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

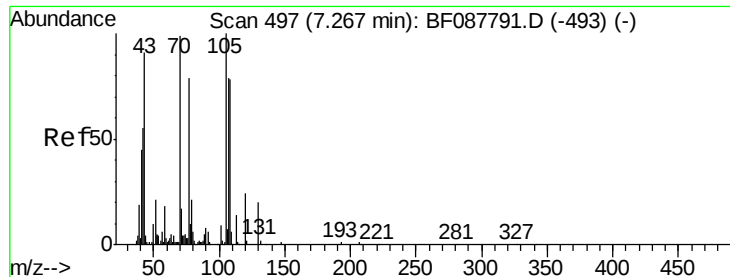
Tgt Ion:	107	Resp:	300887
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.9	136.3
77	46.0	36.6	55.0
79	45.2	36.5	54.7



#18
Hexachloroethane
Concen: 61.00 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

Tgt Ion:	117	Resp:	205961
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.4	116.2
201	80.7	80.4	120.6

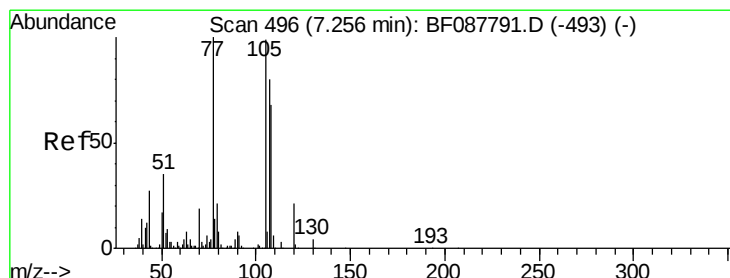
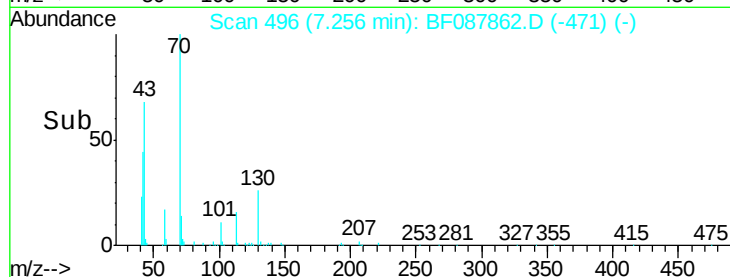
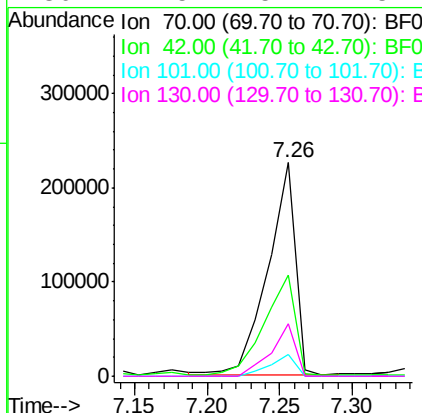
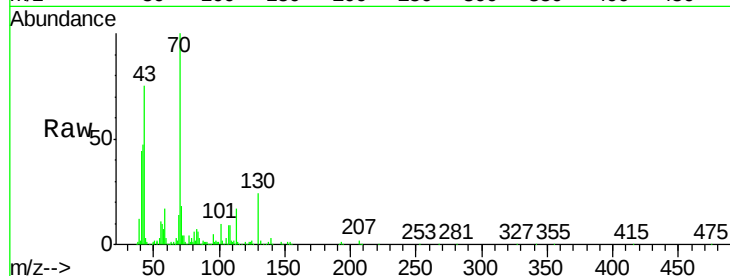




#19
n-Nitroso-di-n-propylamine
Concen: 51.50 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

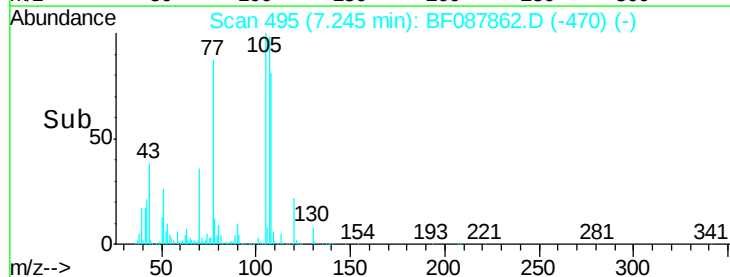
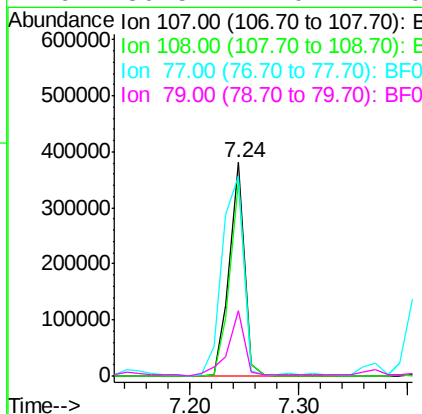
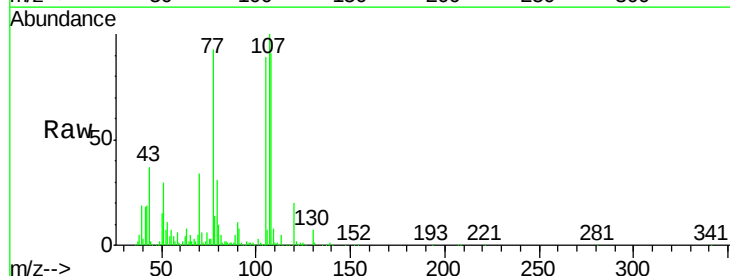
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

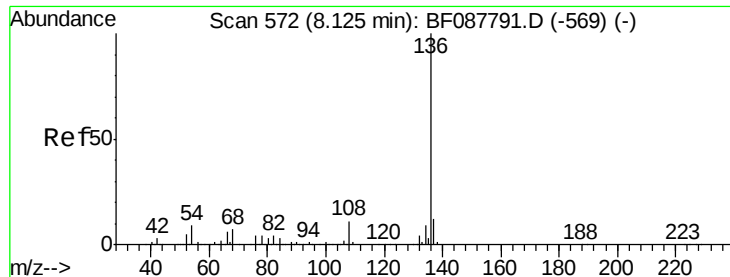
Tgt Ion:	70	Resp:	296977
Ion	Ratio	Lower	Upper
70	100		
42	47.2	49.6	74.4#
101	10.1	7.1	10.7
130	24.5	15.4	23.2#



#20
3+4-Methylphenols
Concen: 44.11 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

Tgt Ion:	107	Resp:	367452
Ion	Ratio	Lower	Upper
107	100		
108	91.2	67.8	107.8
77	93.3	59.3	99.3
79	30.5	7.0	47.0

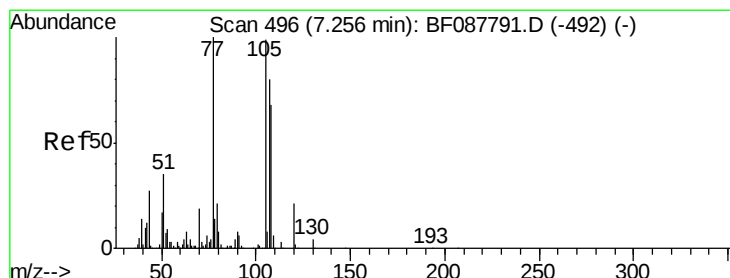
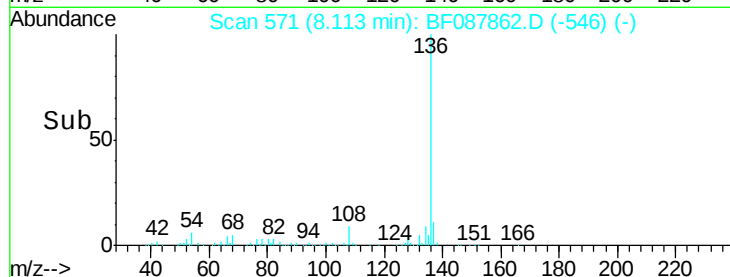
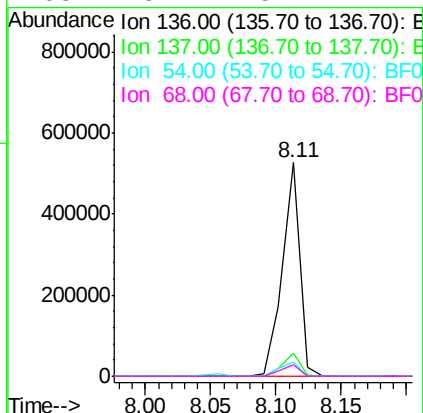
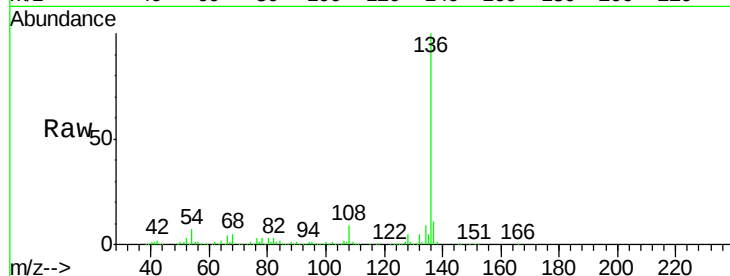




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

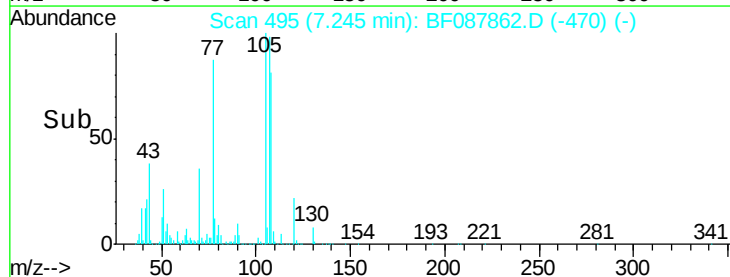
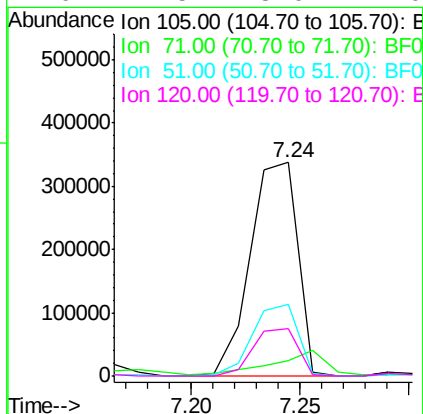
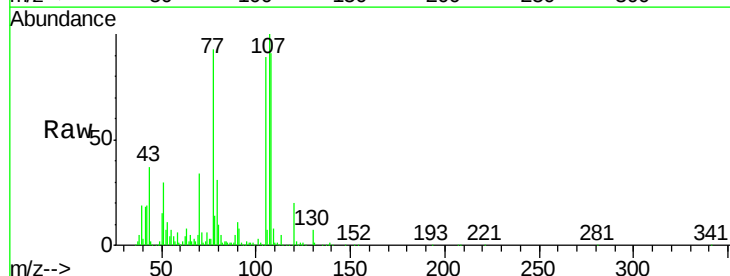
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

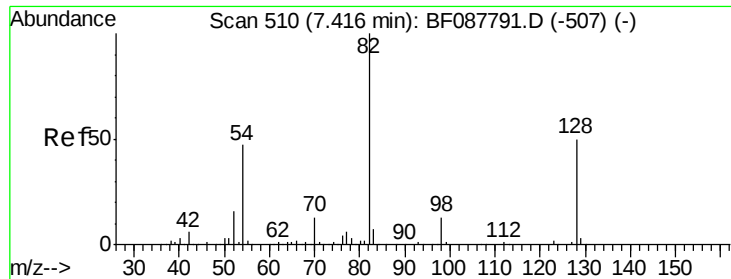
Tgt Ion:	136	Resp:	498896
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.5	6.6	10.0#
68	5.4	5.1	7.7



#22
Acetophenone
Concen: 46.32 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

Tgt Ion:	105	Resp:	516378
Ion	Ratio	Lower	Upper
105	100		
71	6.9	5.3	7.9
51	33.8	18.2	27.4#
120	22.5	18.0	27.0

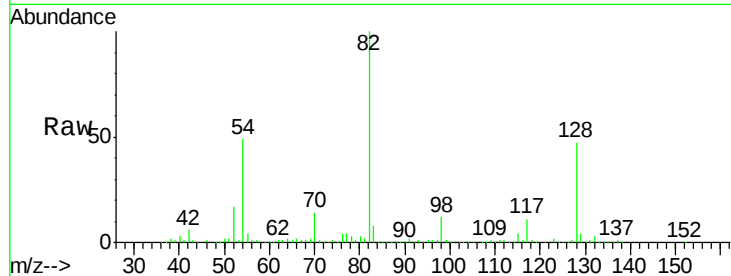




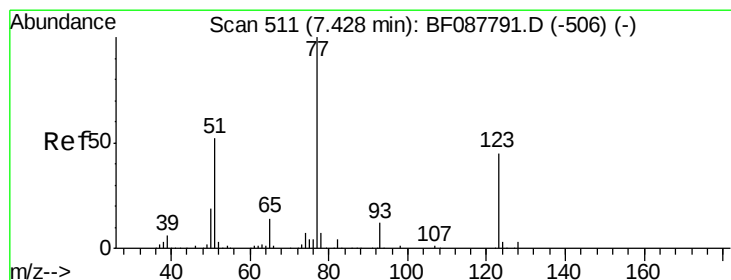
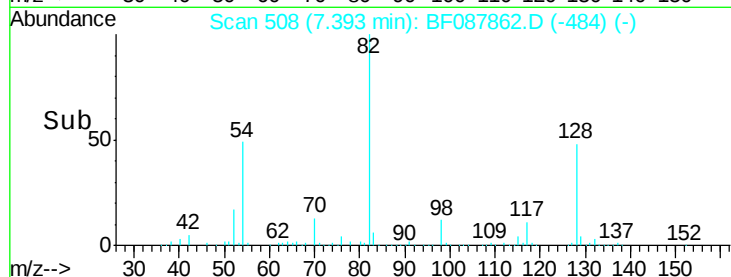
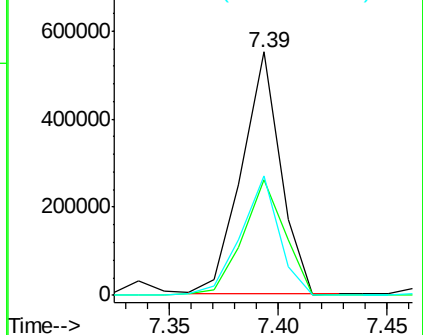
#23
 Nitrobenzene-d5
 Concen: 80.13 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMSD

Tgt Ion: 82 Resp: 684564
 Ion Ratio Lower Upper
 82 100
 128 47.3 35.9 53.9
 54 49.1 40.9 61.3

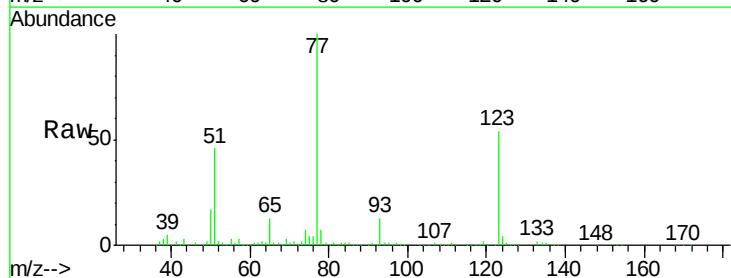


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

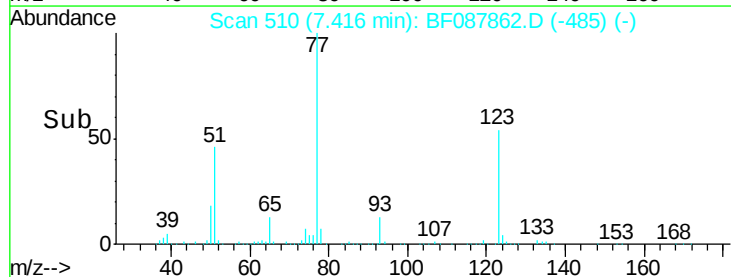
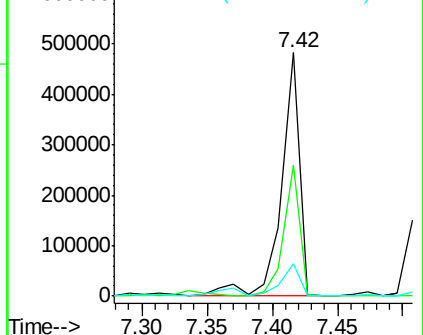


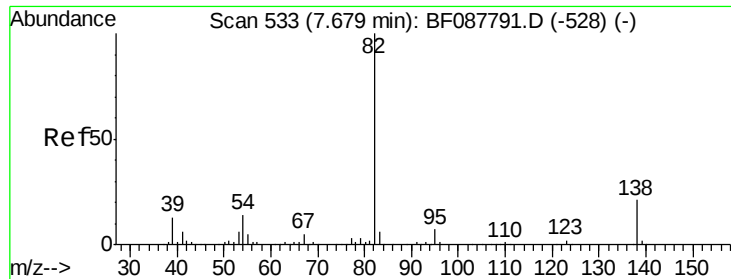
#24
 Nitrobenzene
 Concen: 56.53 ng
 RT: 7.42 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

Tgt Ion: 77 Resp: 467812
 Ion Ratio Lower Upper
 77 100
 123 54.0 45.0 67.4
 65 13.3 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 46.12 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

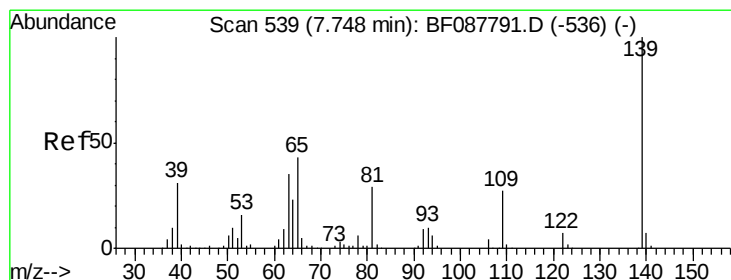
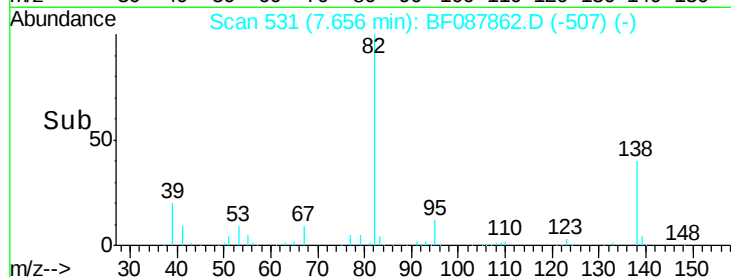
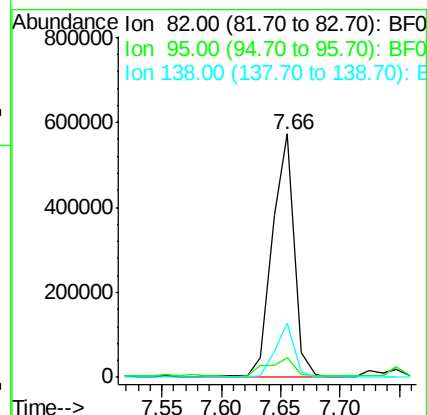
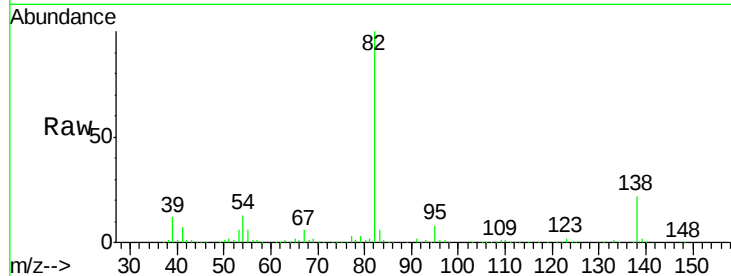
Tgt Ion: 82 Resp: 729909

Ion Ratio Lower Upper

82 100

95 7.9 5.4 8.2

138 22.4 14.6 21.8#



#26

2-Nitrophenol

Concen: 3.60 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.09 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

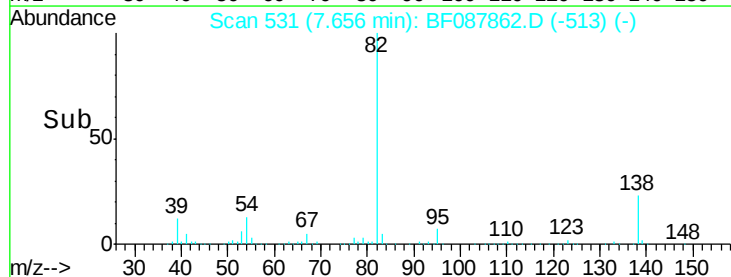
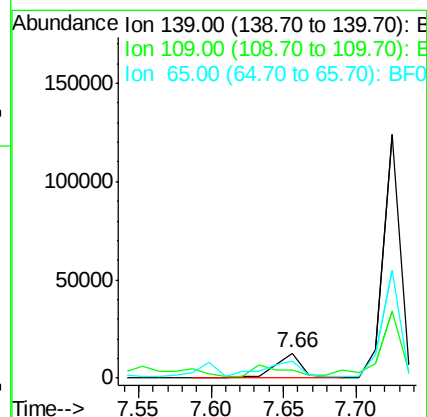
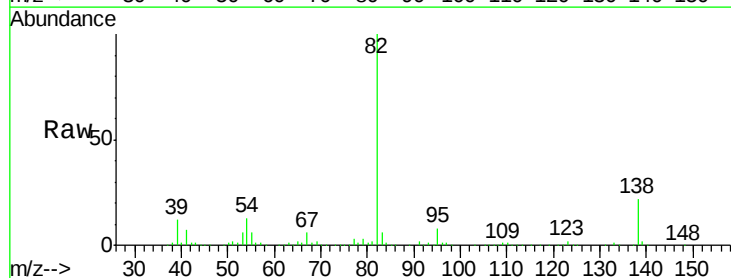
Tgt Ion: 139 Resp: 15969

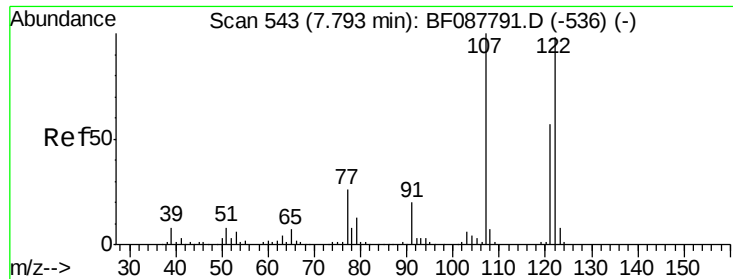
Ion Ratio Lower Upper

139 100

109 31.8 23.0 34.4

65 68.3 45.8 68.8

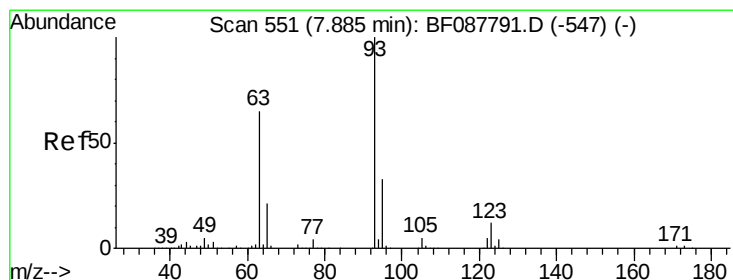
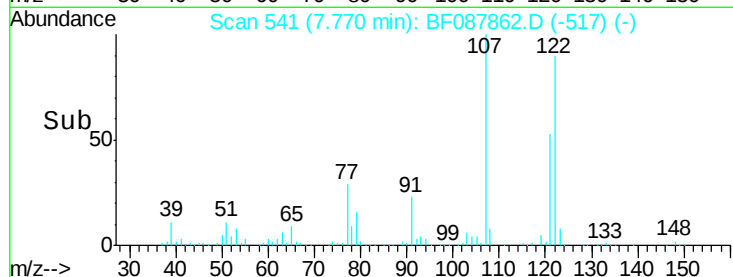
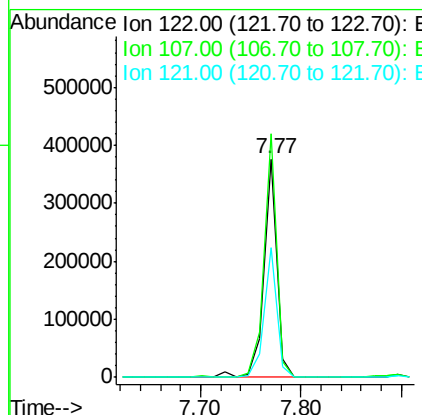
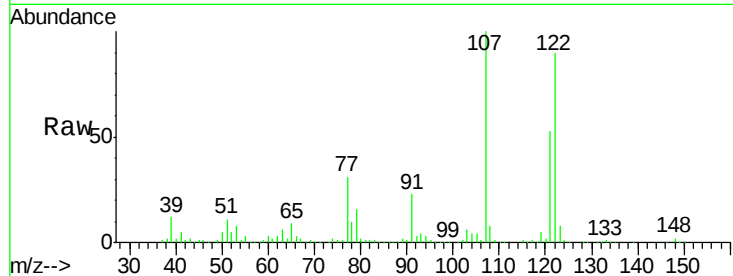




#27
 2,4-Dimethylphenol
 Concen: 41.41 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

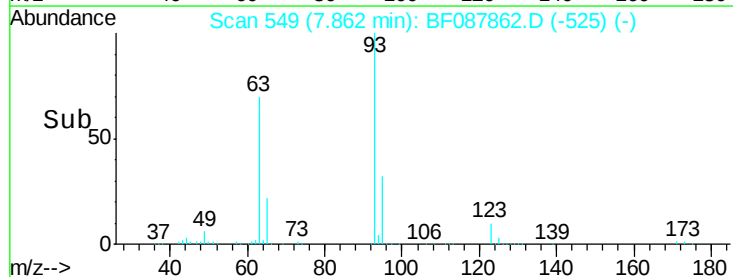
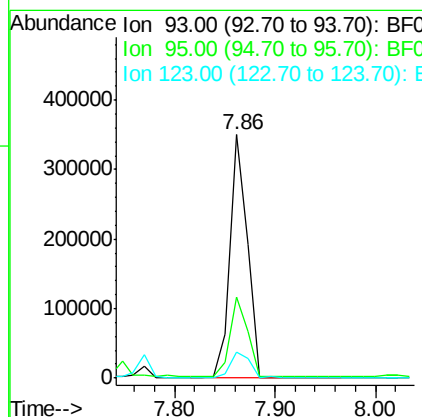
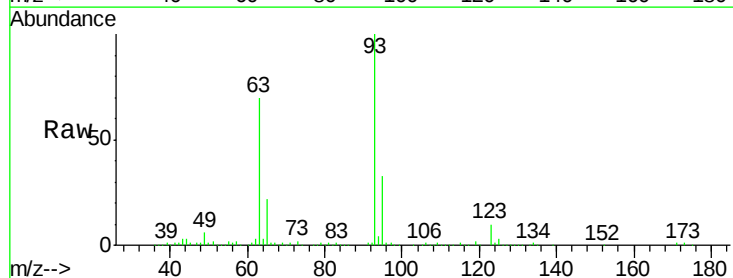
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMSD

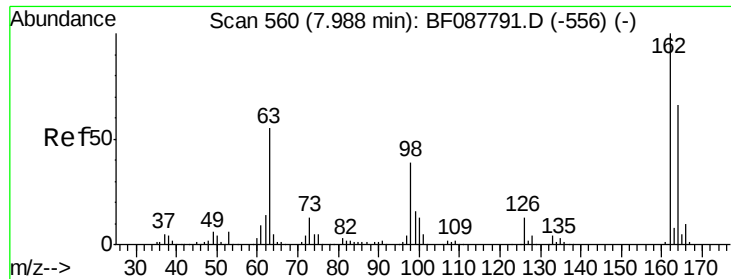
Tgt Ion:122 Resp: 338044
 Ion Ratio Lower Upper
 122 100
 107 111.5 82.4 123.6
 121 59.1 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.89 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

Tgt Ion: 93 Resp: 420951
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.5 39.7
 123 10.4 11.6 17.4#

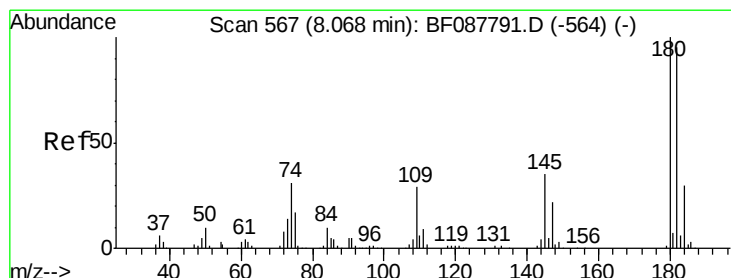
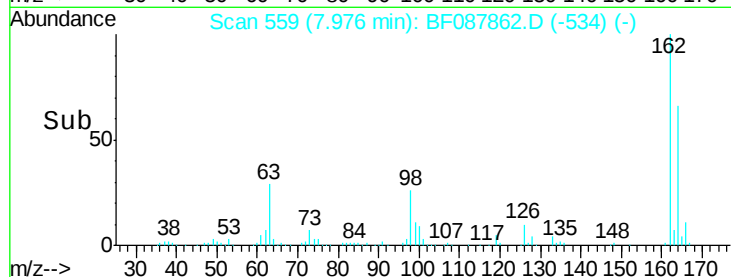
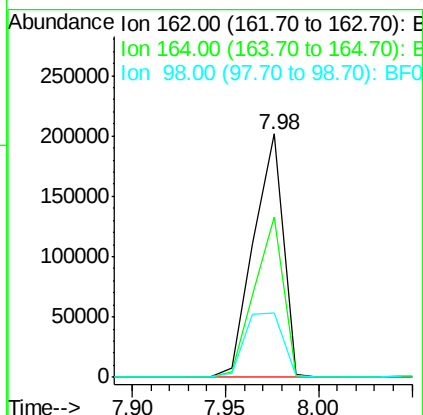
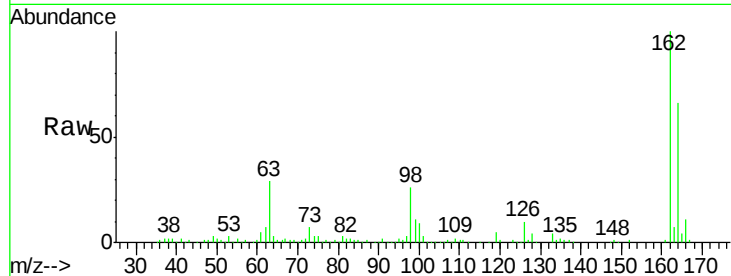




#29
 2,4-Dichlorophenol
 Concen: 32.51 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

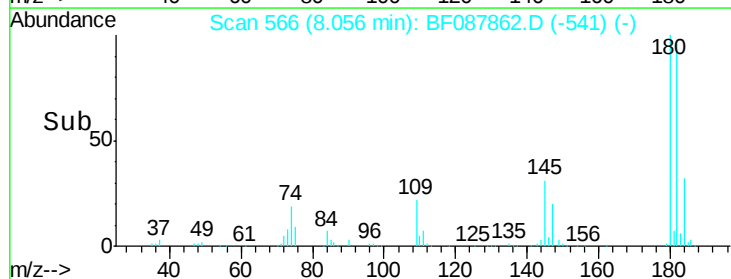
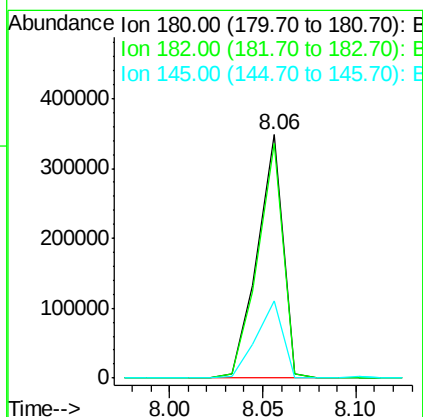
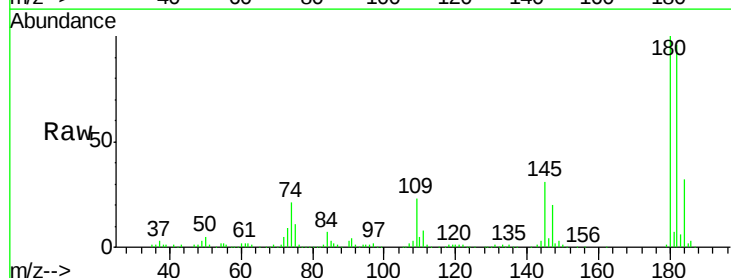
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMSD

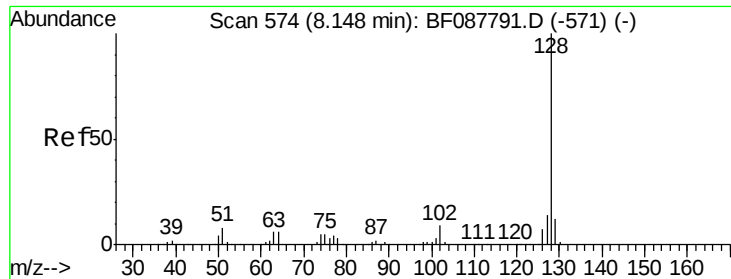
Tgt Ion:162 Resp: 221565
 Ion Ratio Lower Upper
 162 100
 164 65.7 43.8 83.8
 98 26.3 21.3 61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 45.62 ng
 RT: 8.06 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

Tgt Ion:180 Resp: 338549
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.0 114.0
 145 31.5 26.5 39.7

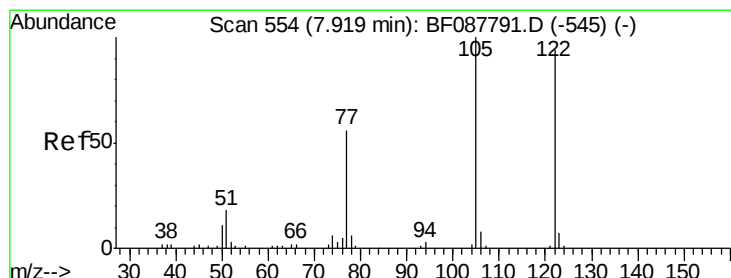
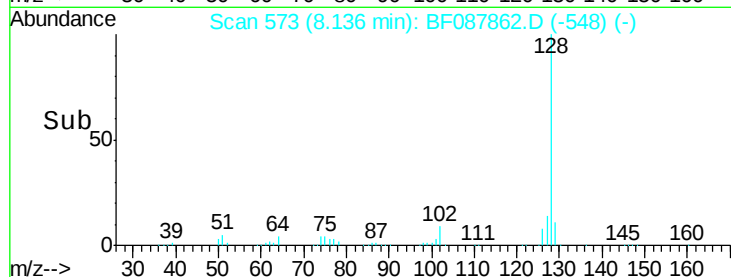
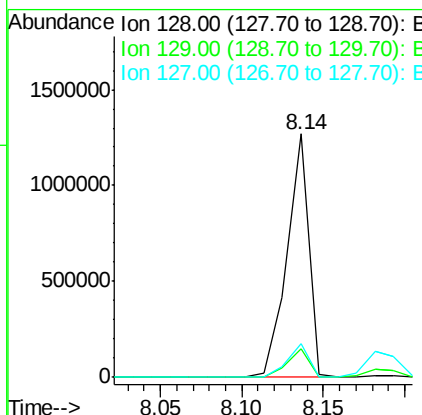
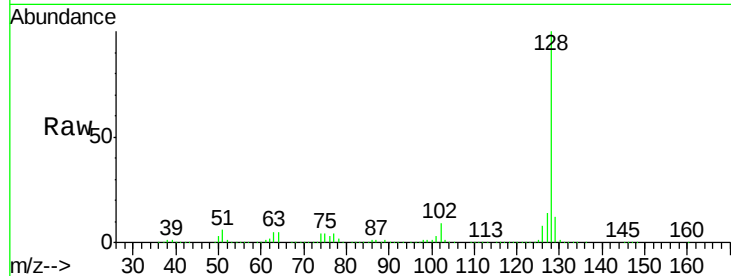




#31
Naphthalene
Concen: 47.92 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

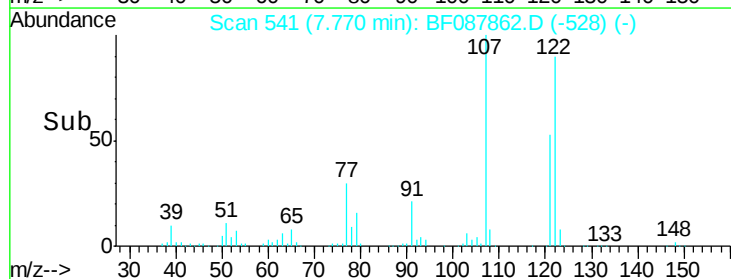
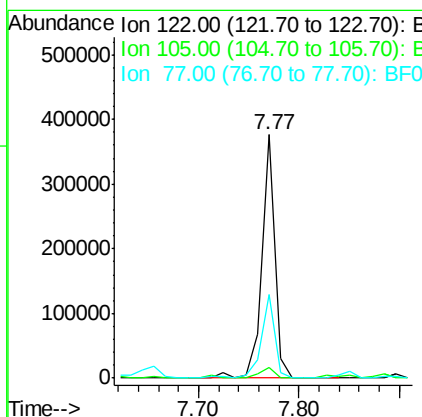
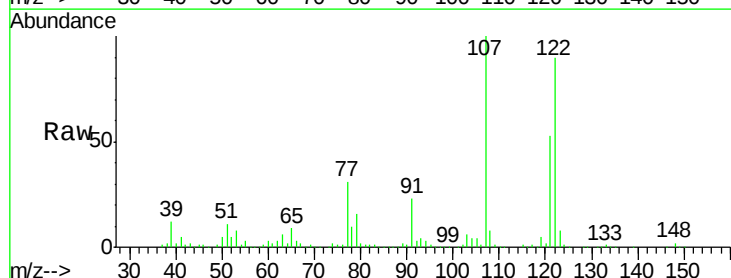
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

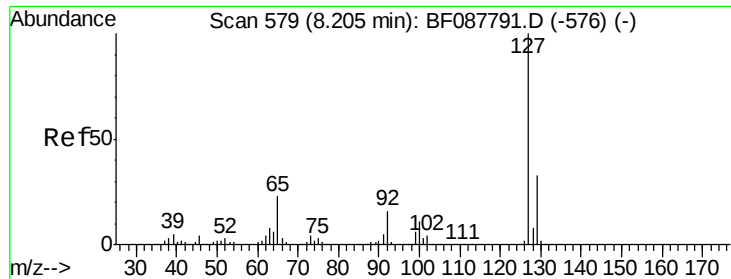
Tgt Ion:128 Resp: 1183148
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 75.21 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.15 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

Tgt Ion:122 Resp: 338044
Ion Ratio Lower Upper
122 100
105 4.6 101.6 141.6#
77 34.4 70.6 110.6#

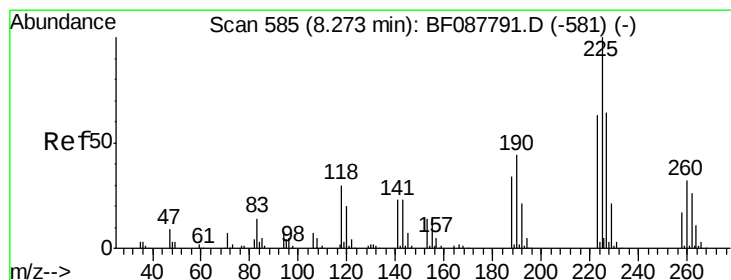
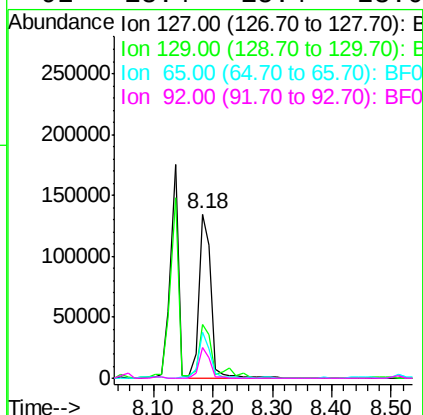
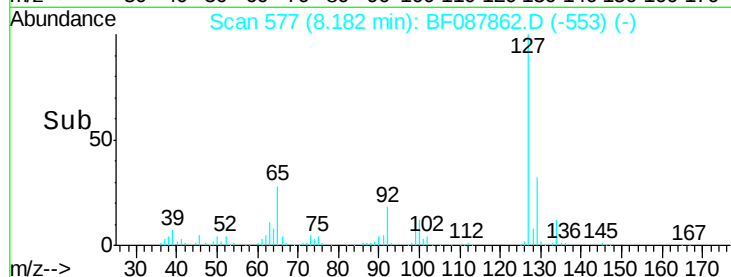
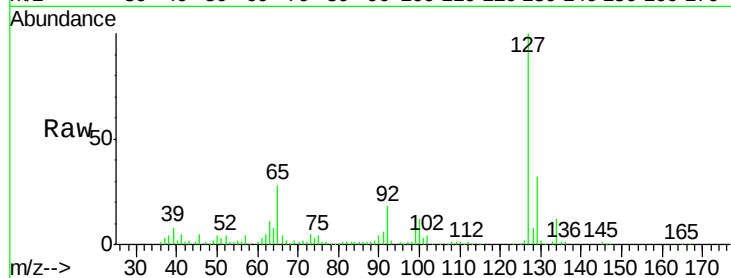




#33
4-Chloroaniline
Concen: 17.74 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

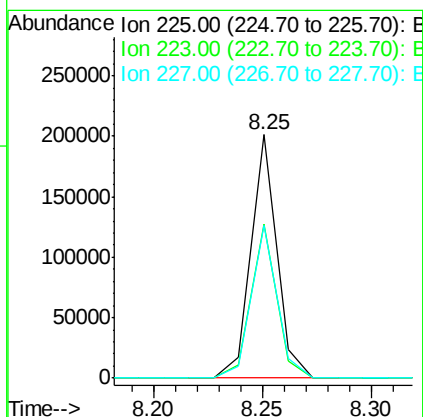
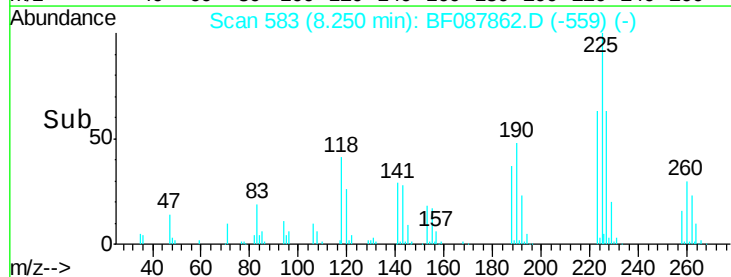
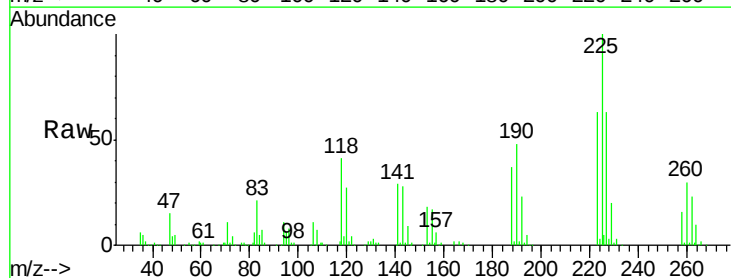
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

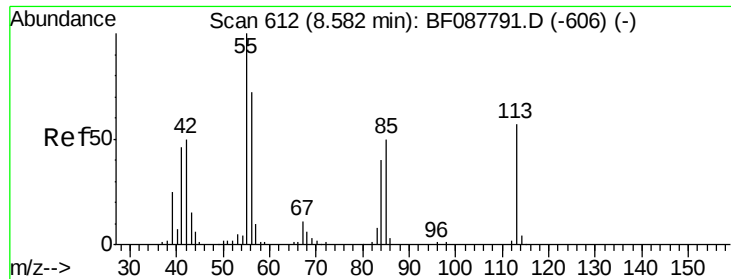
Tgt Ion:	127	Resp:	195578
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	28.4	24.7	37.1
92	18.4	15.4	23.0



#34
Hexachlorobutadiene
Concen: 42.49 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

Tgt Ion:	225	Resp:	166293
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.9	76.3
227	62.9	51.9	77.9

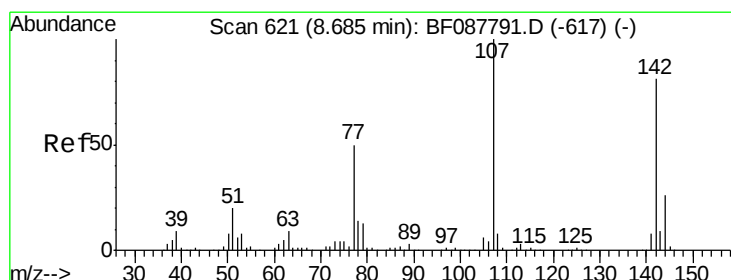
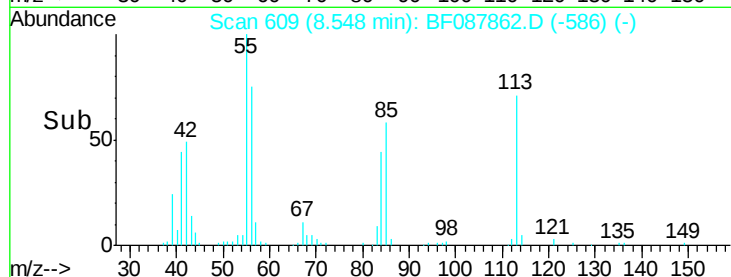
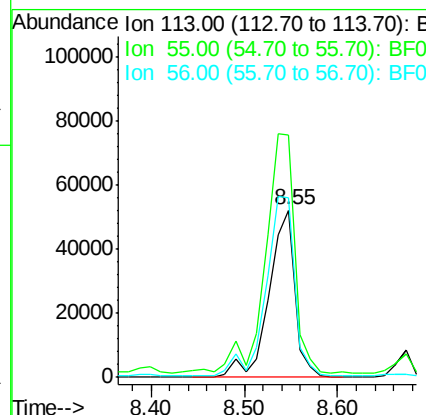
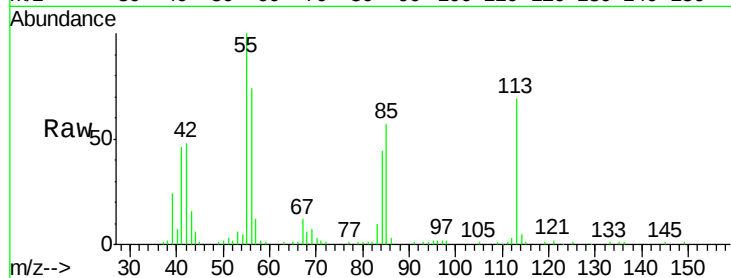




#35
 Caprolactam
 Concen: 45.03 ng
 RT: 8.55 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

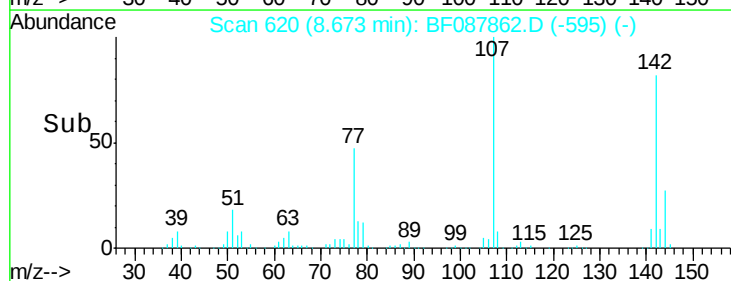
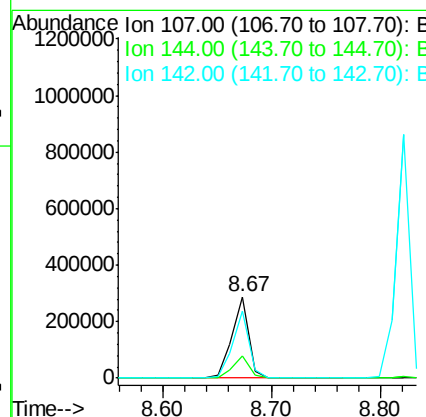
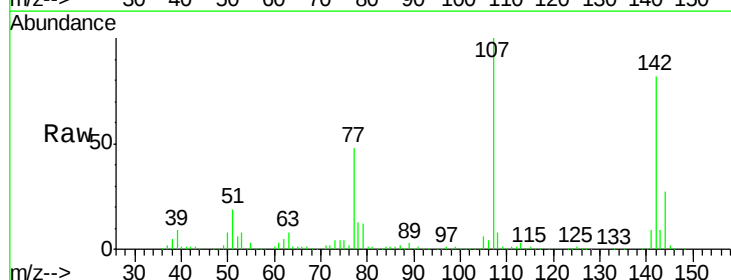
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMSD

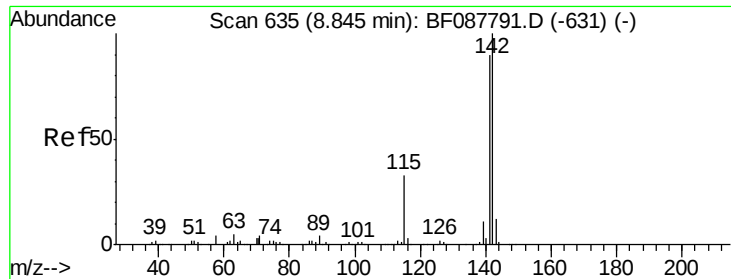
Tgt Ion:113 Resp: 101649
 Ion Ratio Lower Upper
 113 100
 55 144.9 158.6 198.6#
 56 107.4 110.6 150.6#



#36
 4-Chloro-3-methylphenol
 Concen: 42.36 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

Tgt Ion:107 Resp: 308749
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.8 31.2
 142 82.5 63.4 95.2

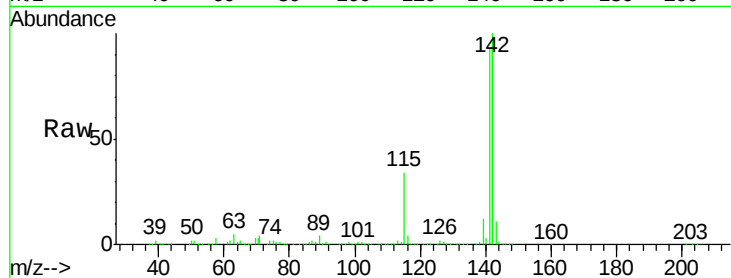




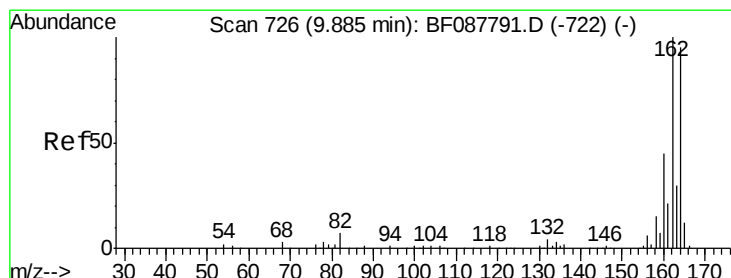
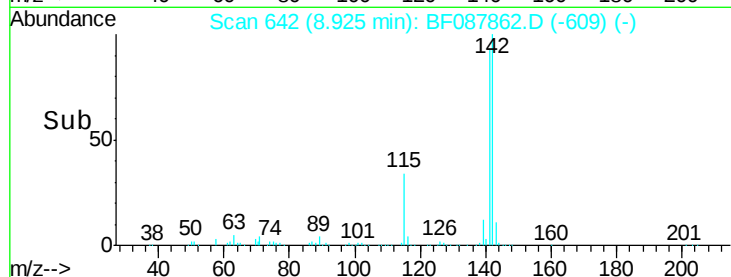
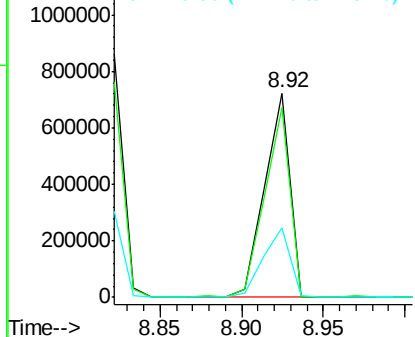
#37
2-Methylnaphthalene
Concen: 48.00 ng
RT: 8.92 min Scan# 642
Delta R.T. 0.08 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

Tgt Ion:142 Resp: 781033
Ion Ratio Lower Upper
142 100
141 93.2 71.0 106.6
115 33.8 22.6 33.8

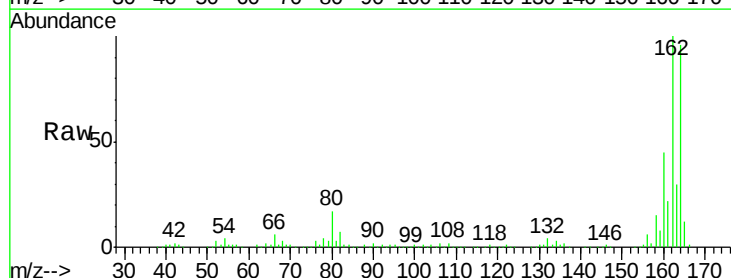


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

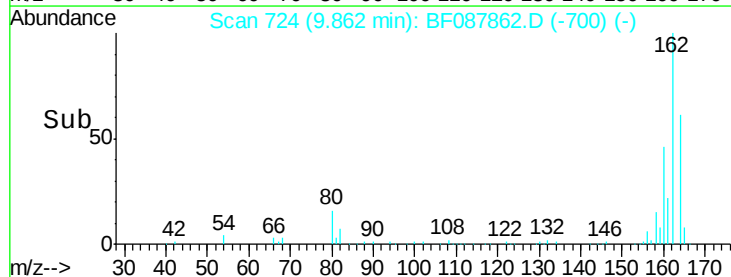
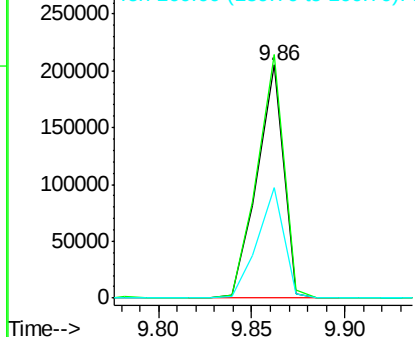


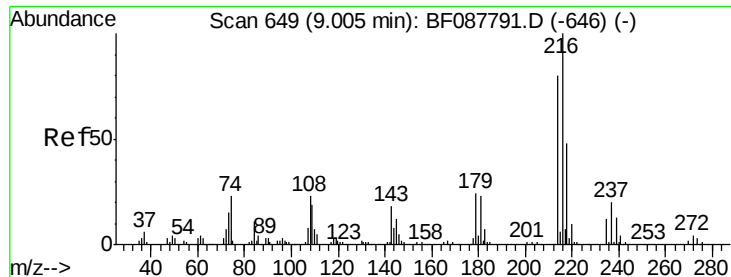
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

Tgt Ion:164 Resp: 201578
Ion Ratio Lower Upper
164 100
162 104.4 85.4 128.2
160 47.5 39.5 59.3



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: 58.83 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

Tgt Ion:216 Resp: 276778

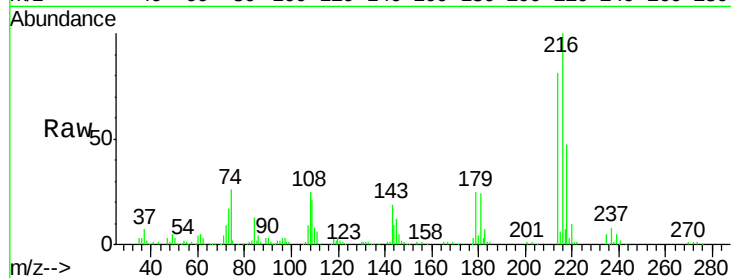
Ion Ratio Lower Upper

216 100

214 78.8 2.9 4.3#

179 21.3 0.0 0.0#

108 18.1 0.5 0.7#

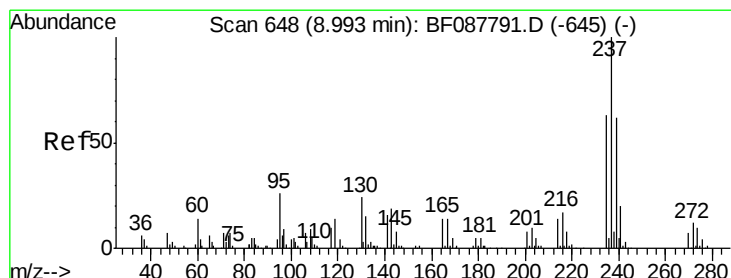
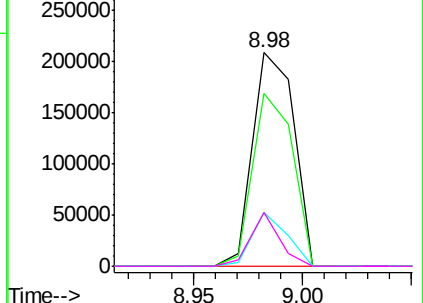
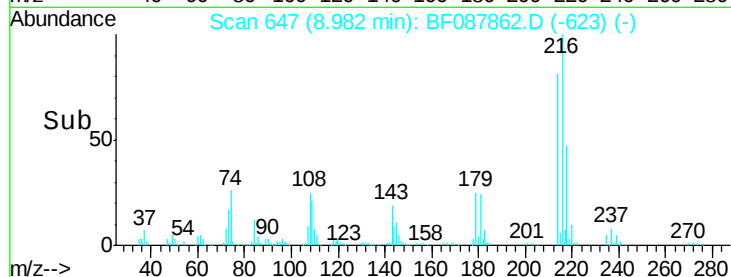


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 12.47 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

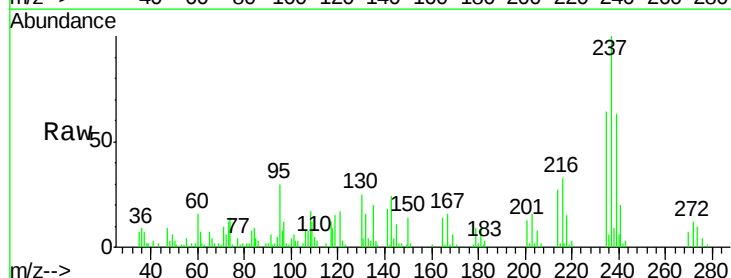
Tgt Ion:237 Resp: 40534

Ion Ratio Lower Upper

237 100

235 63.8 43.4 83.4

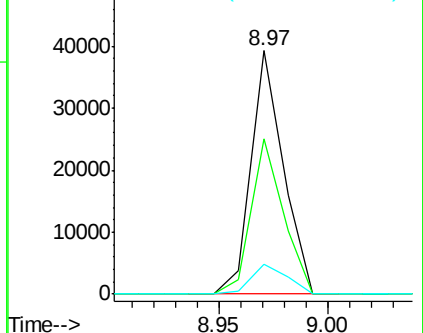
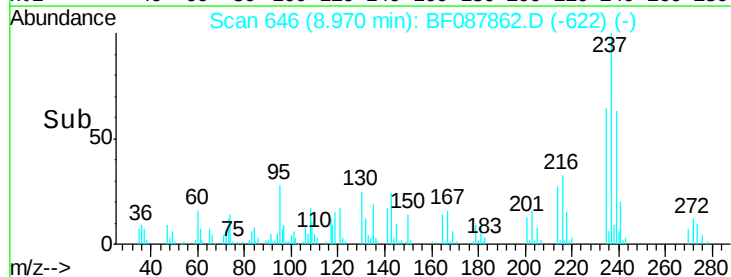
272 12.5 0.0 32.3

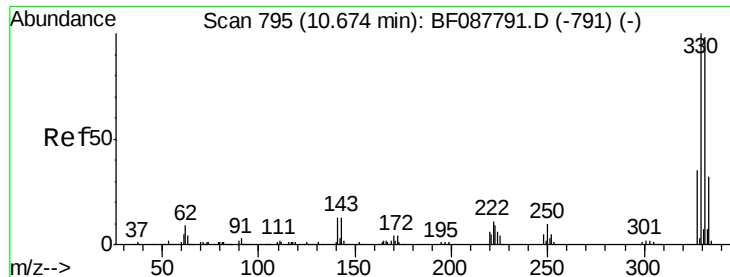


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

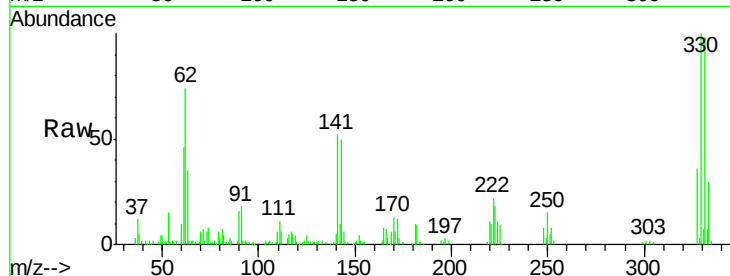




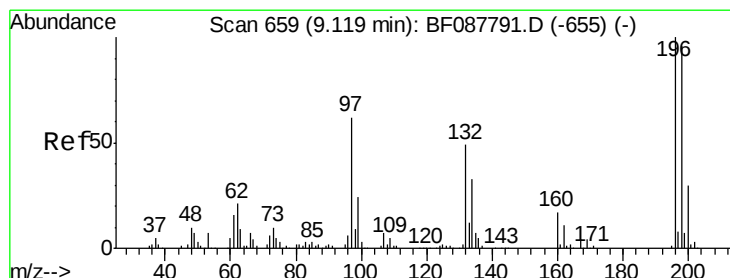
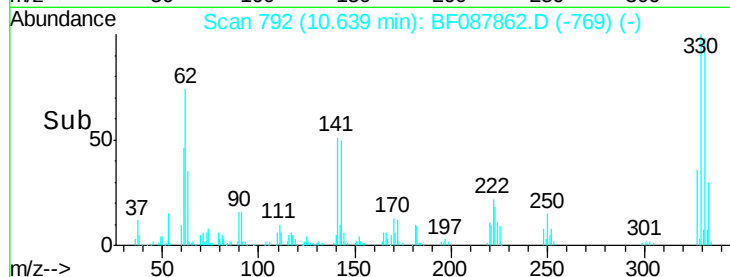
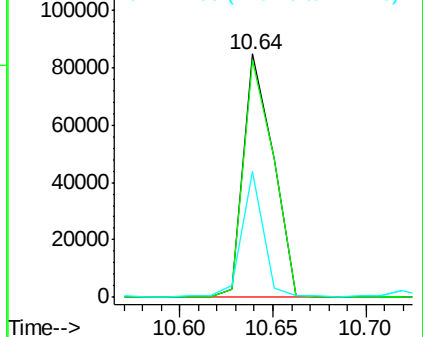
#41
 2,4,6-Tribromophenol
 Concen: 43.98 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMSD

Tgt Ion:330 Resp: 93611
 Ion Ratio Lower Upper
 330 100
 332 98.2 0.0 0.0#
 141 39.5 0.0 0.0#

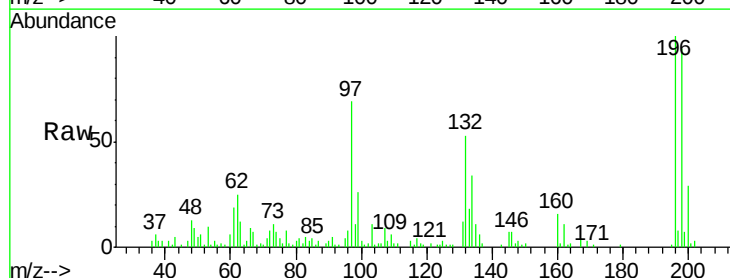


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

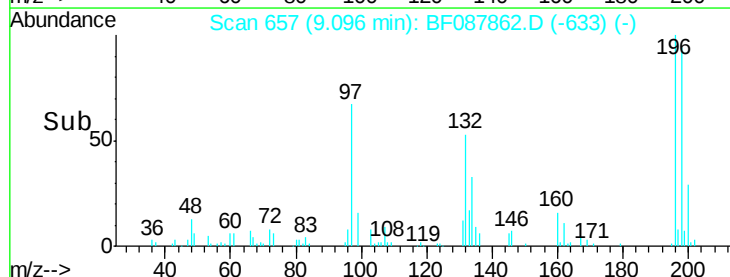
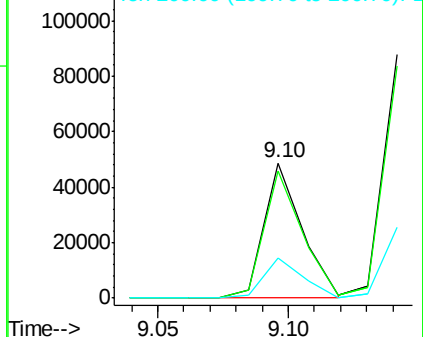


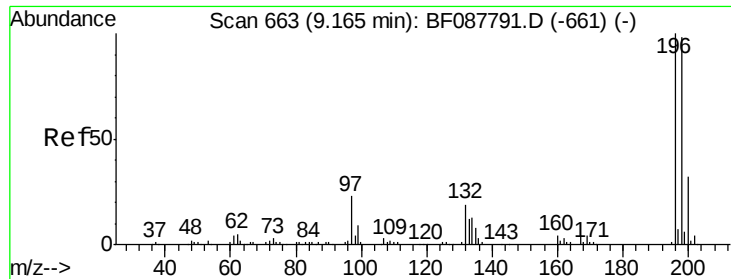
#42
 2,4,6-Trichlorophenol
 Concen: 12.20 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

Tgt Ion:196 Resp: 49194
 Ion Ratio Lower Upper
 196 100
 198 94.3 78.0 117.0
 200 29.3 25.4 38.2



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

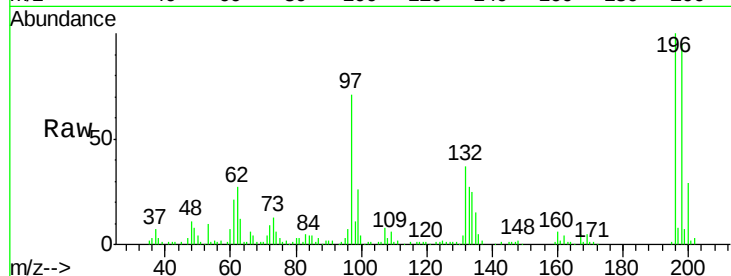




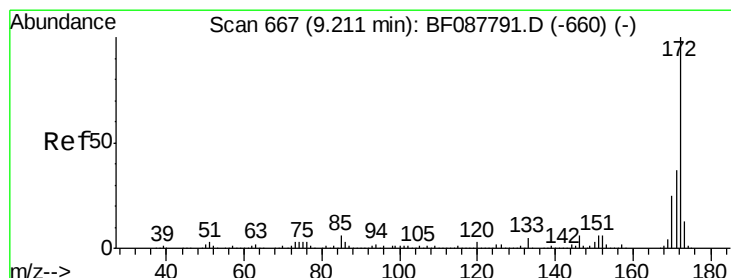
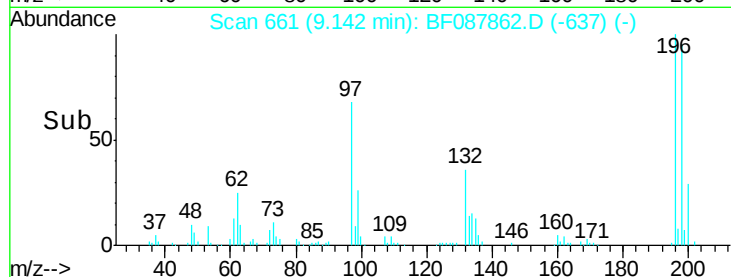
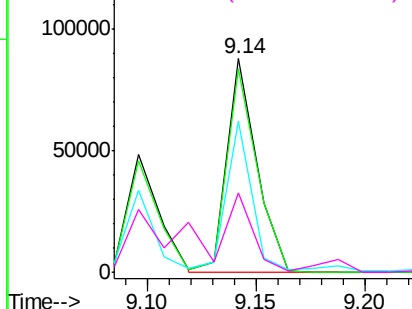
#43
 2,4,5-Trichlorophenol
 Concen: 19.77 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMSD

Tgt Ion:196 Resp: 82909
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.5 116.3
 97 70.5 32.0 48.0#
 132 37.1 20.9 31.3#

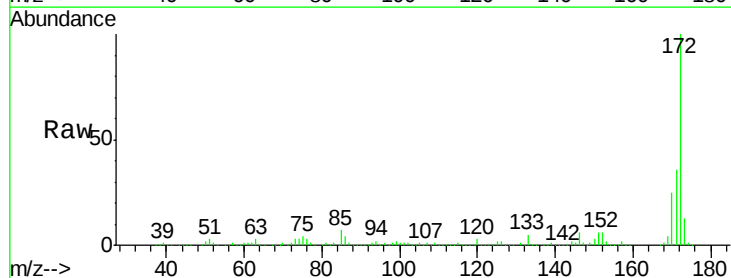


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

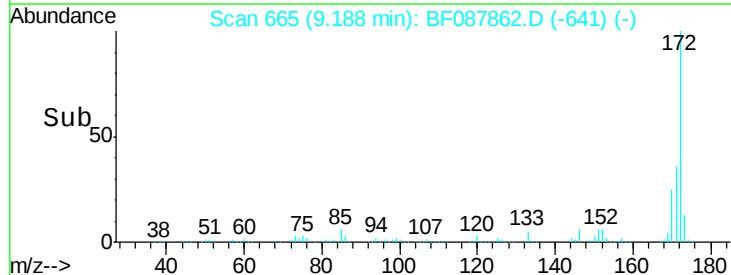
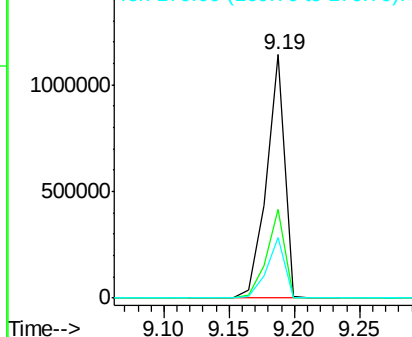


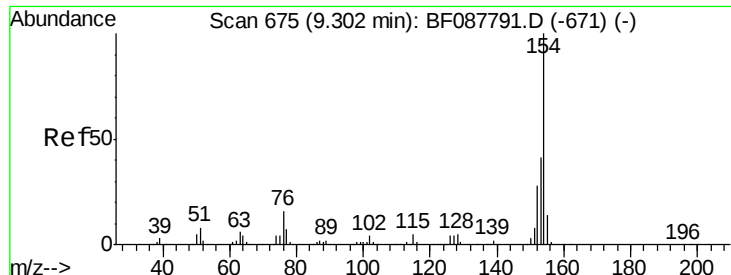
#44
 2-Fluorobiphenyl
 Concen: 87.15 ng
 RT: 9.19 min Scan# 665
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

Tgt Ion:172 Resp: 1116446
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.7 19.2 28.8



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

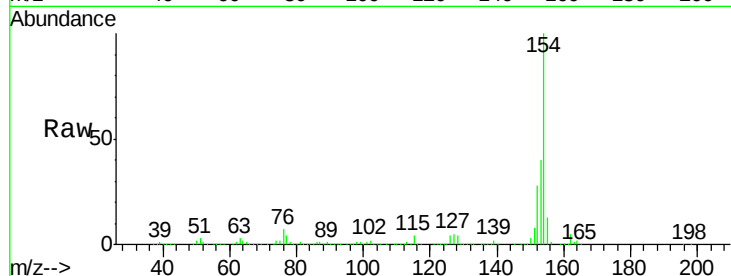




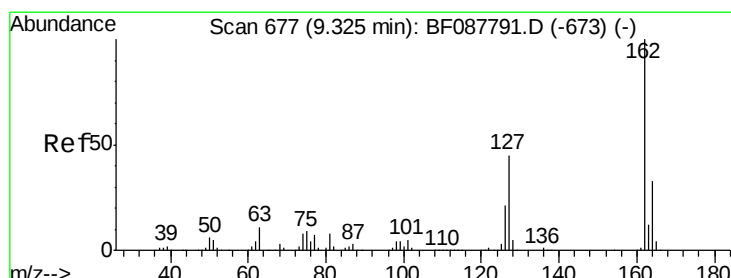
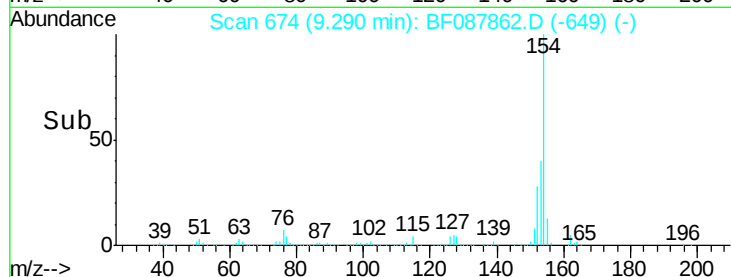
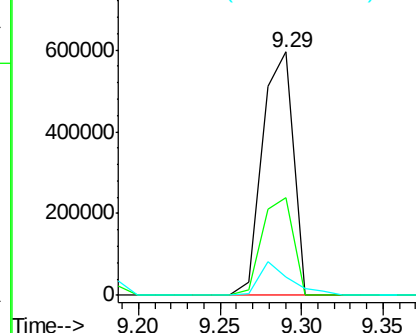
#45
1,1'-Biphenyl
Concen: 52.76 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

Tgt Ion:154 Resp: 782037
Ion Ratio Lower Upper
154 100
153 40.2 20.6 60.6
76 7.3 0.0 35.1

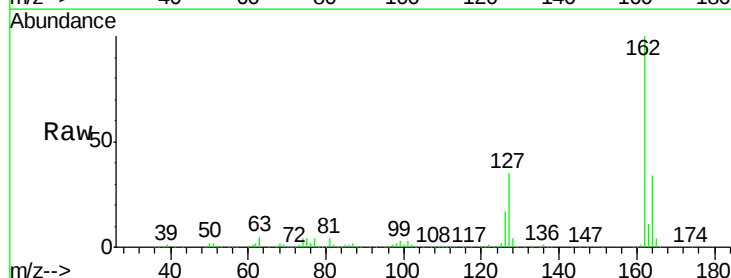


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

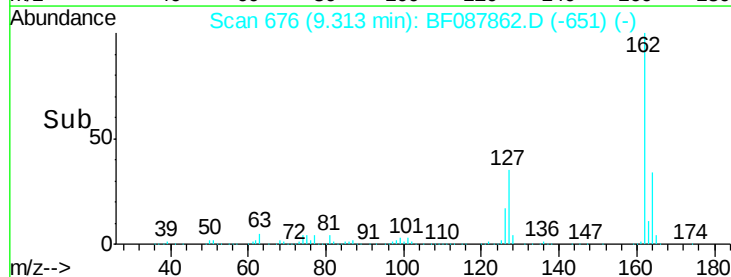
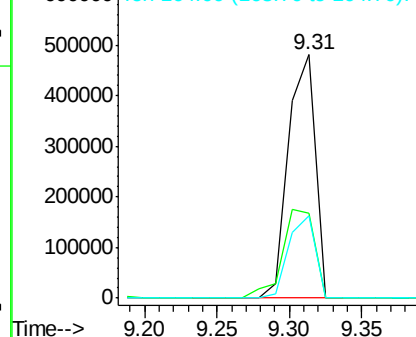


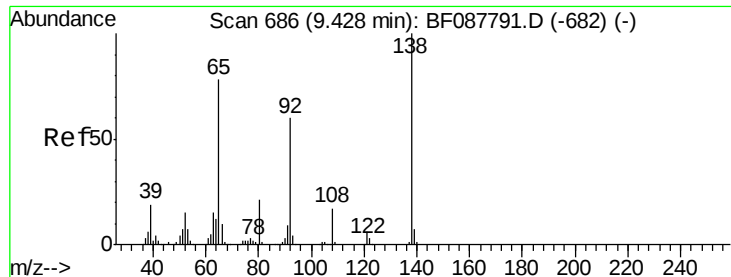
#46
2-Chloronaphthalene
Concen: 47.47 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

Tgt Ion:162 Resp: 619227
Ion Ratio Lower Upper
162 100
127 34.8 35.2 52.8#
164 33.8 26.6 39.8



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

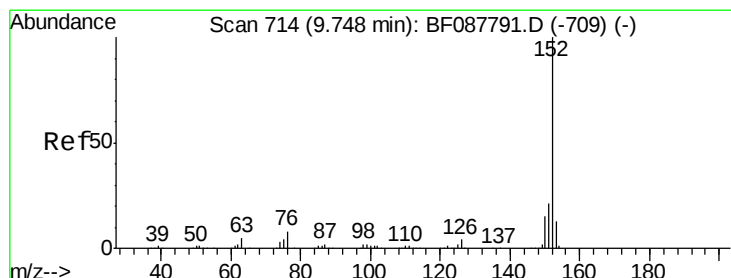
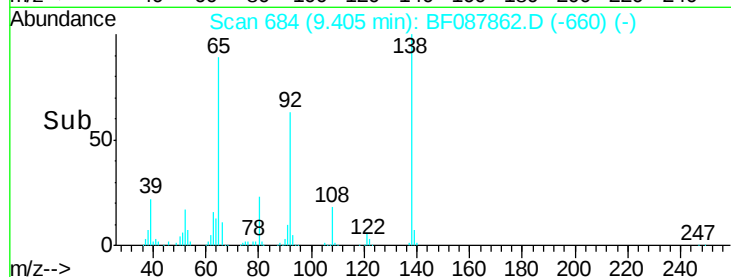
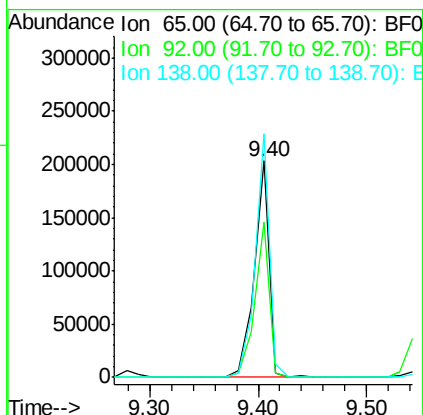
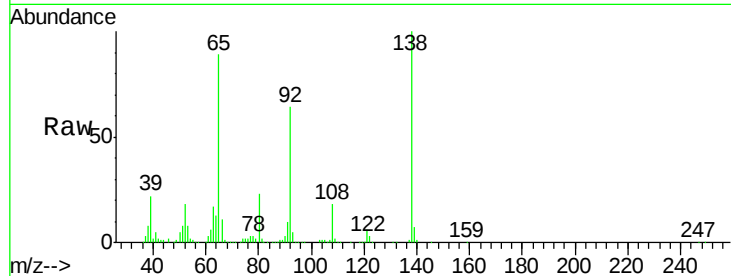




#47
2-Nitroaniline
Concen: 50.35 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

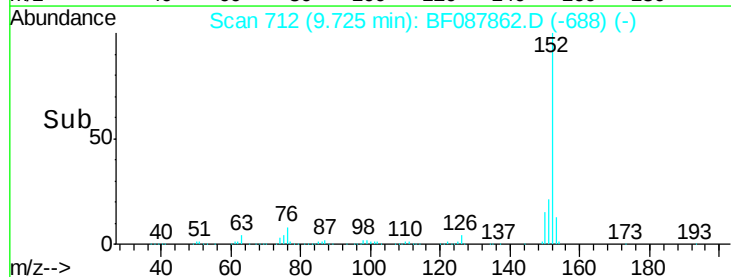
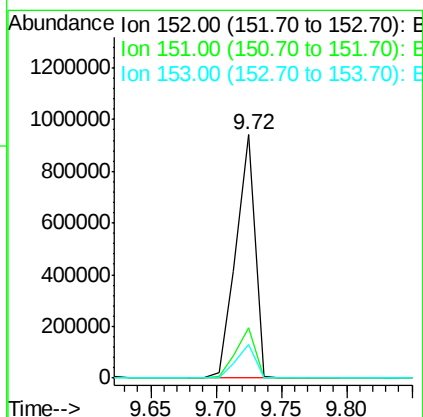
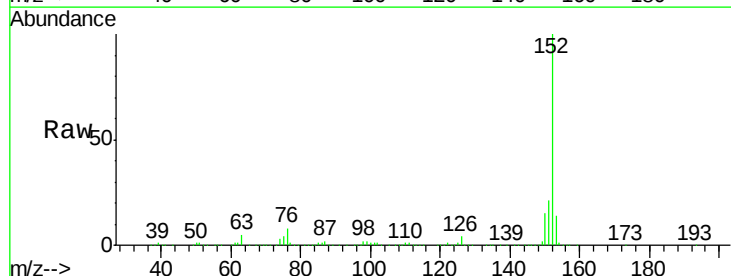
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

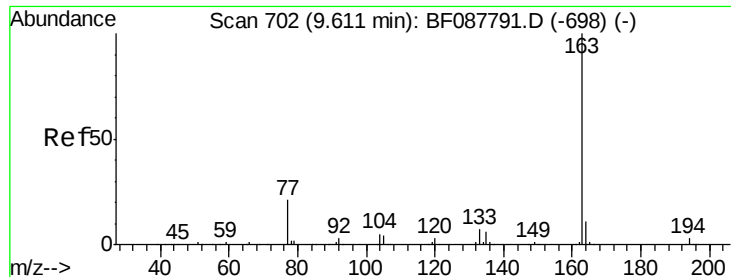
Tgt Ion: 65 Resp: 193731
Ion Ratio Lower Upper
65 100
92 71.5 54.6 82.0
138 112.5 77.0 115.4



#48
Acenaphthylene
Concen: 45.84 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

Tgt Ion: 152 Resp: 951078
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.6 11.0 16.6

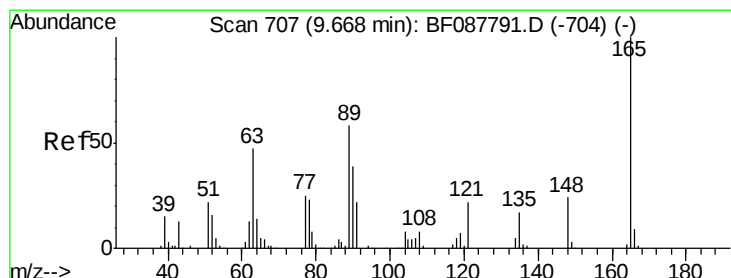
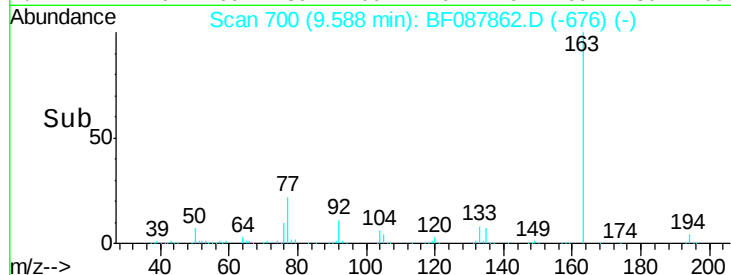
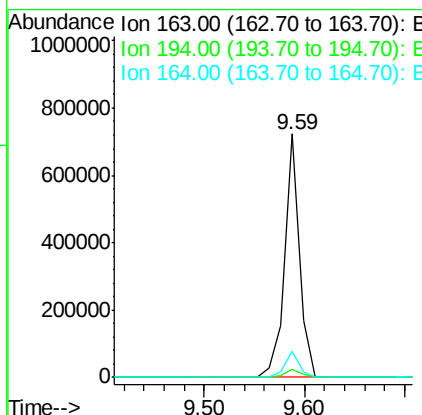
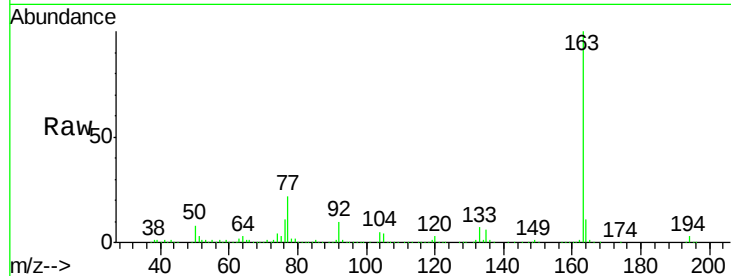




#49
Dimethylphthalate
Concen: 50.59 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

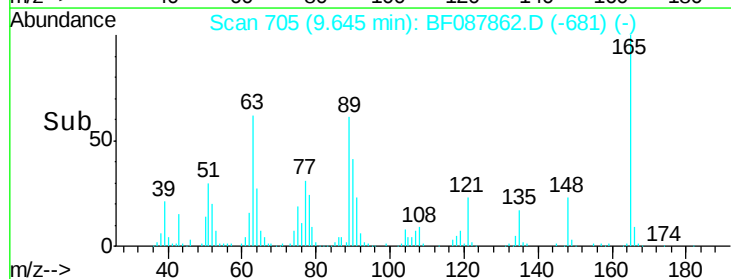
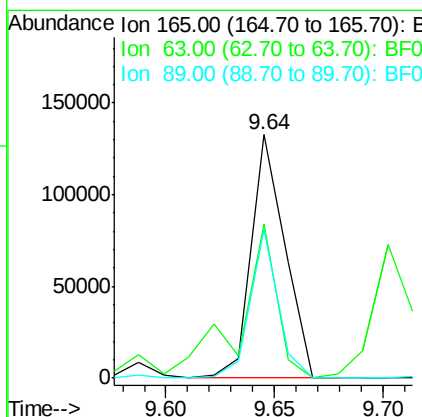
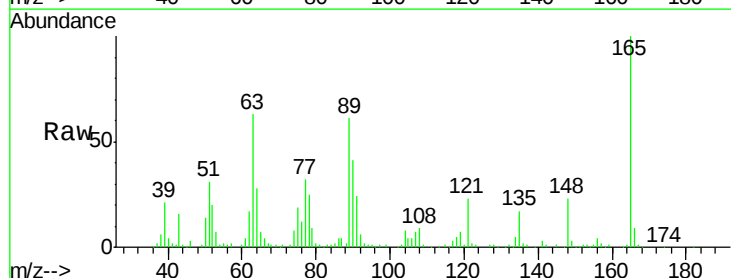
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

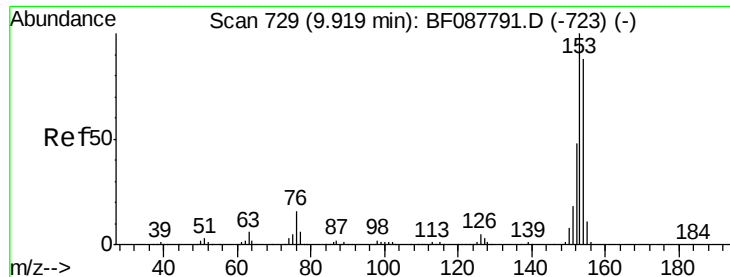
Tgt Ion:163 Resp: 738778
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.8 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 42.63 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

Tgt Ion:165 Resp: 142564
Ion Ratio Lower Upper
165 100
63 63.3 28.1 42.1#
89 61.0 32.2 48.2#

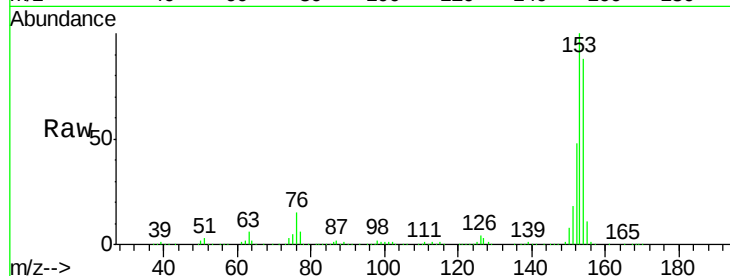




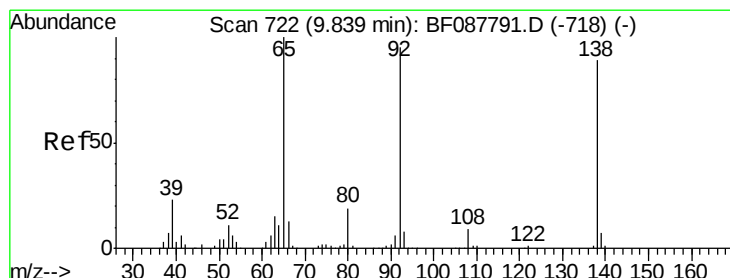
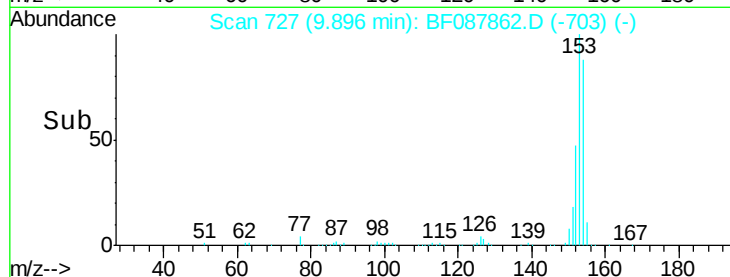
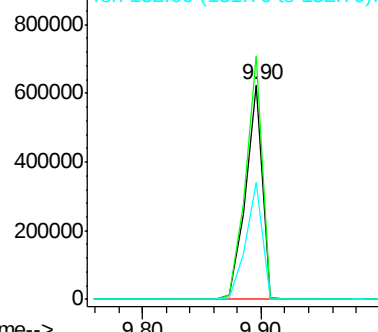
#51
Acenaphthene
Concen: 47.22 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

Tgt Ion:154 Resp: 611192
Ion Ratio Lower Upper
154 100
153 113.7 89.5 134.3
152 54.5 42.7 64.1

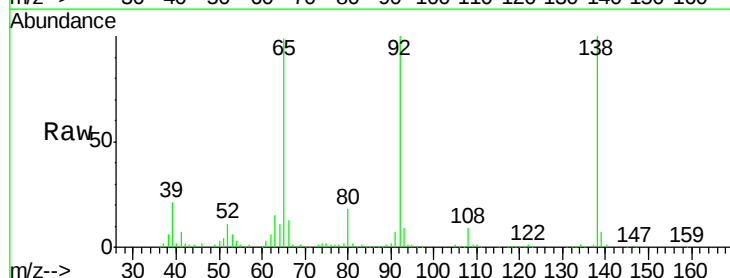


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

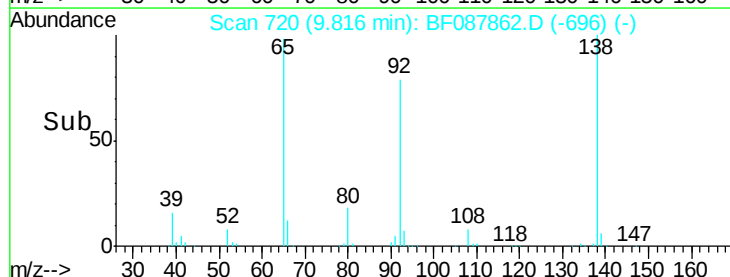
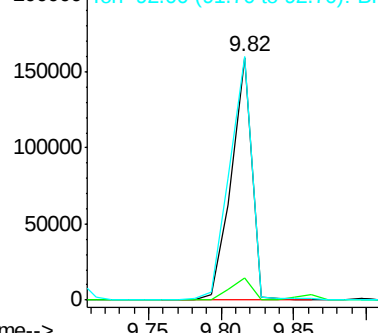


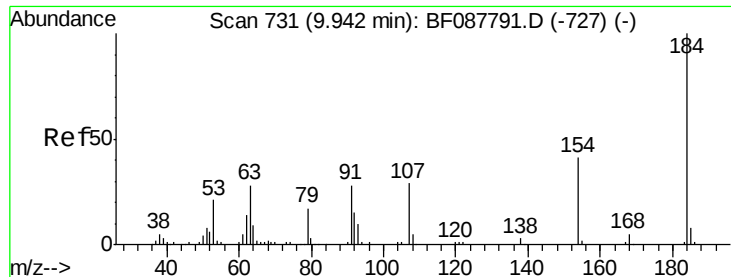
#52
3-Nitroaniline
Concen: 40.71 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

Tgt Ion:138 Resp: 157088
Ion Ratio Lower Upper
138 100
108 9.4 8.5 12.7
92 100.3 95.7 143.5



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

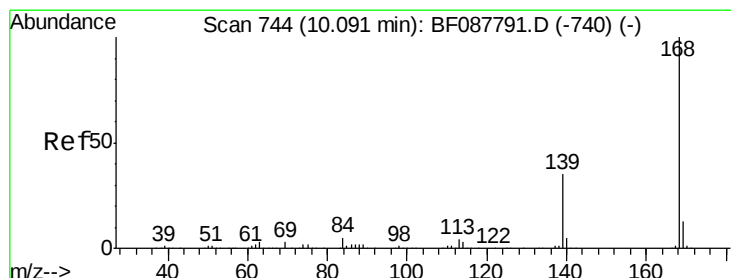
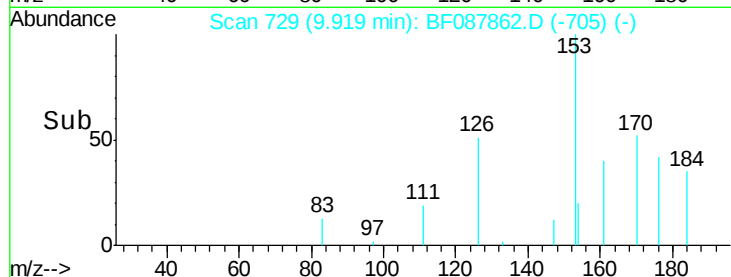
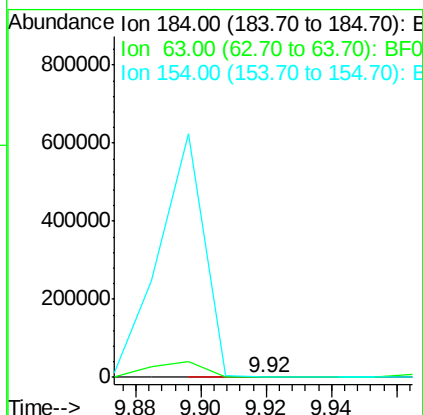
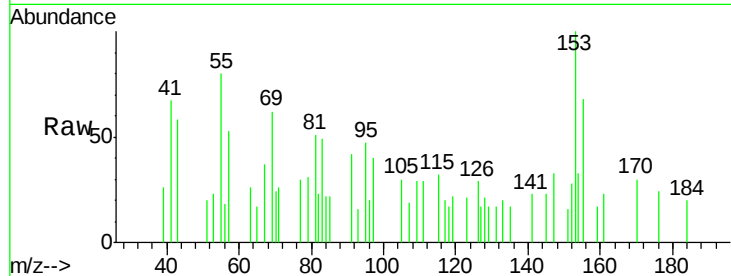




#53
2,4-Dinitrophenol
Concen: 3.30 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

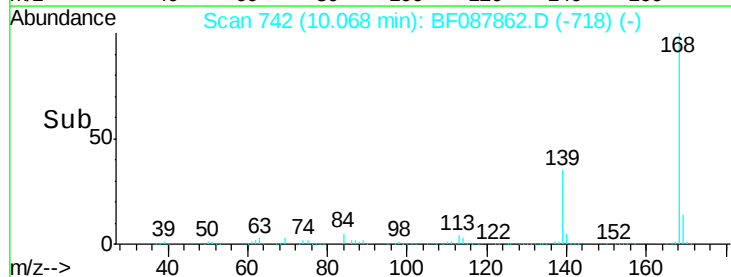
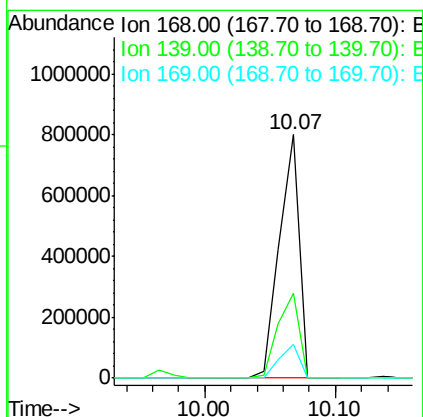
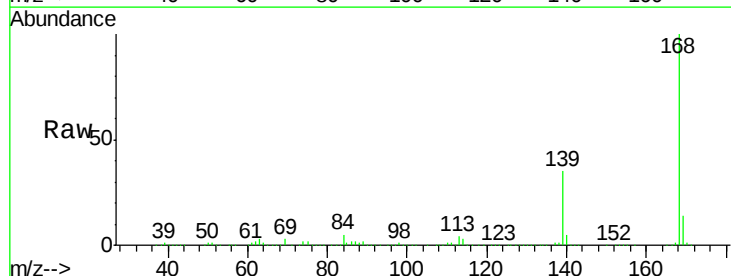
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

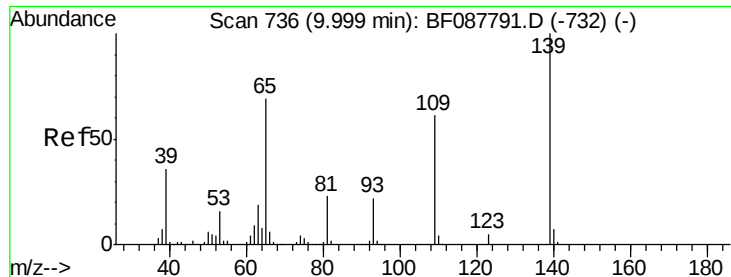
Tgt Ion:184 Resp: 278
Ion Ratio Lower Upper
184 100
63 127.3 57.6 86.4#
154 161.6 53.5 80.3#



#54
Dibenzofuran
Concen: 48.14 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

Tgt Ion:168 Resp: 858137
Ion Ratio Lower Upper
168 100
139 35.0 26.4 39.6
169 13.6 10.4 15.6





#55

4-Nitrophenol

Concen: 8.59 ng

RT: 9.96 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

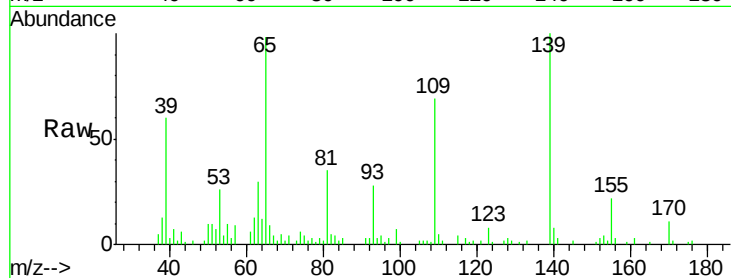
Tgt Ion:139 Resp: 25728

Ion Ratio Lower Upper

139 100

109 69.4 48.9 88.9

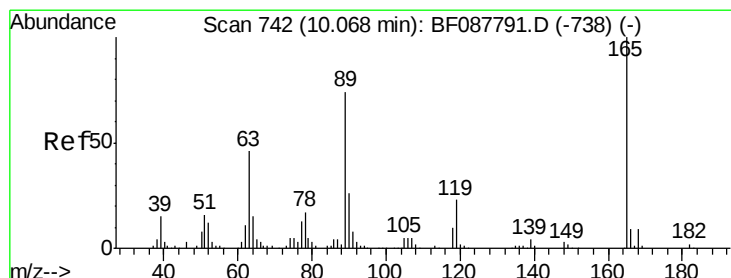
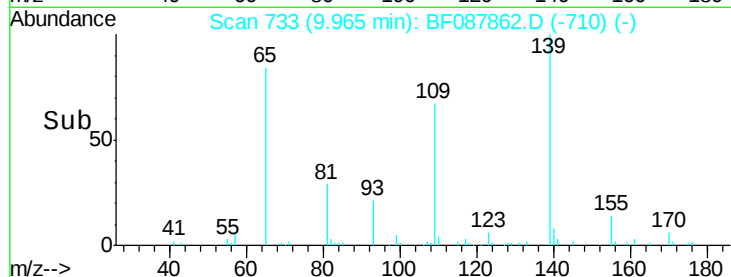
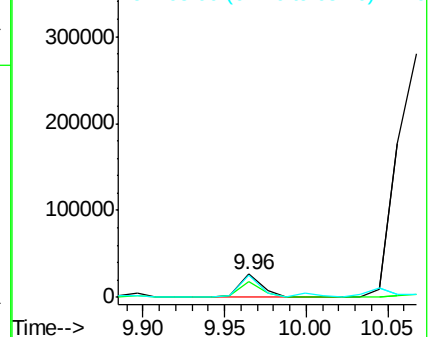
65 97.9 84.9 124.9



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



#56

2,4-Dinitrotoluene

Concen: 44.34 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

Tgt Ion:165 Resp: 190558

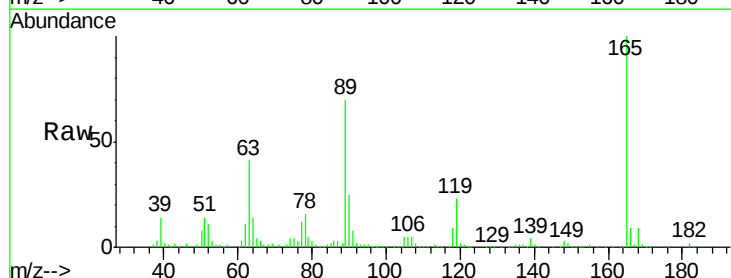
Ion Ratio Lower Upper

165 100

63 41.4 22.0 33.0#

89 69.9 41.1 61.7#

182 2.3 2.0 3.0

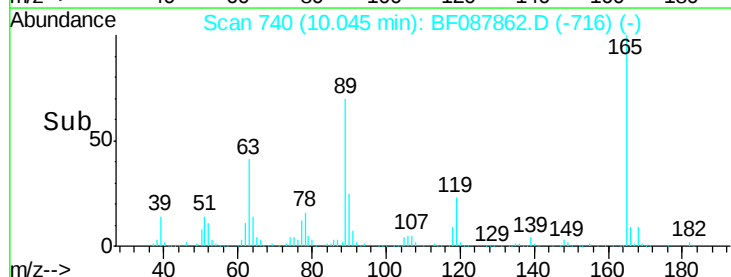
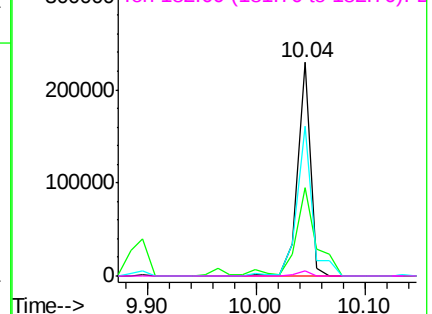


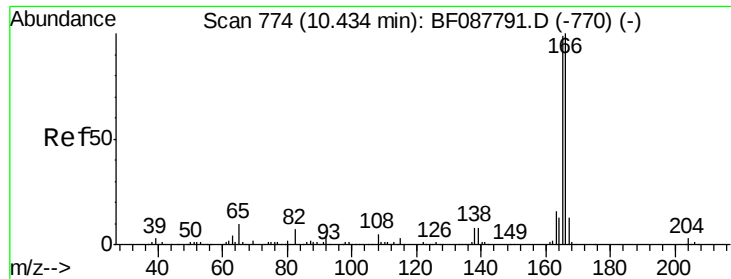
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

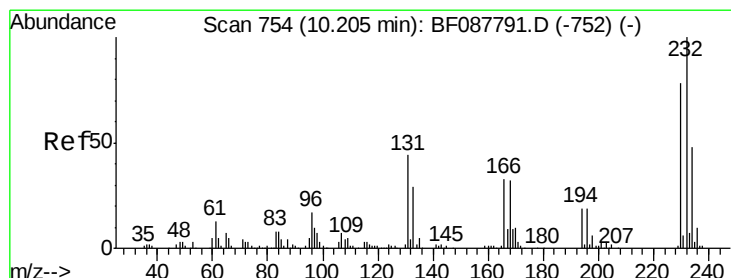
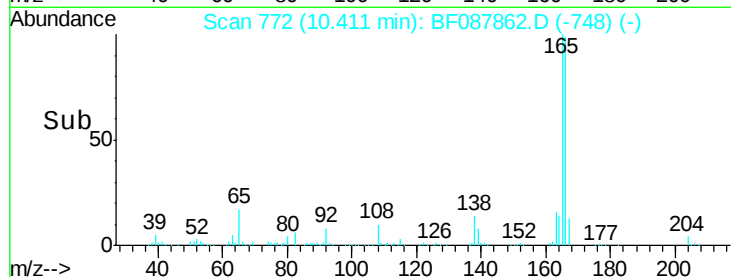
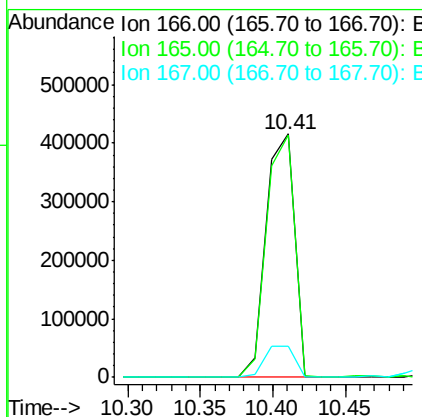
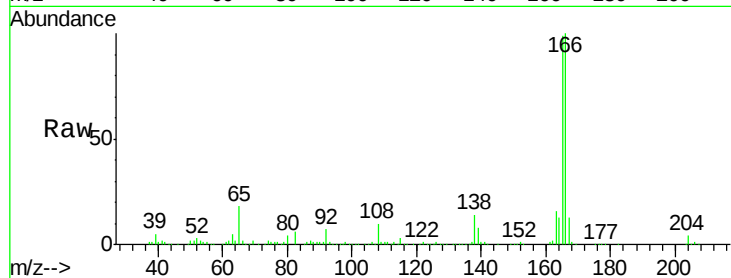




#57
 Fluorene
 Concen: 47.18 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

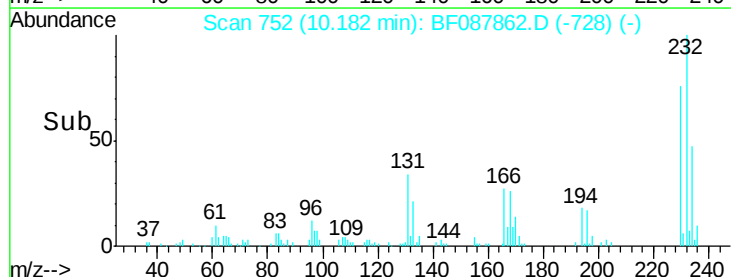
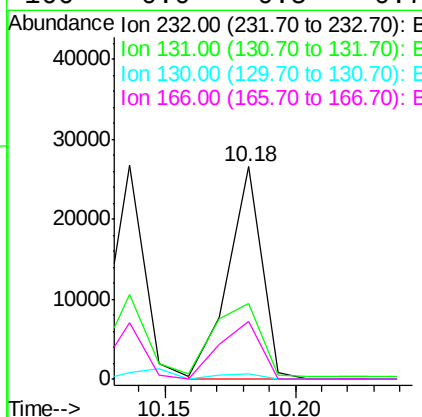
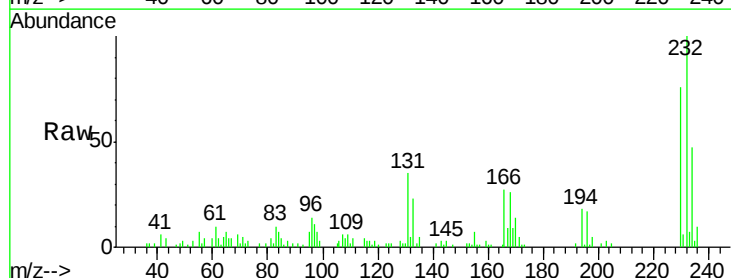
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMSD

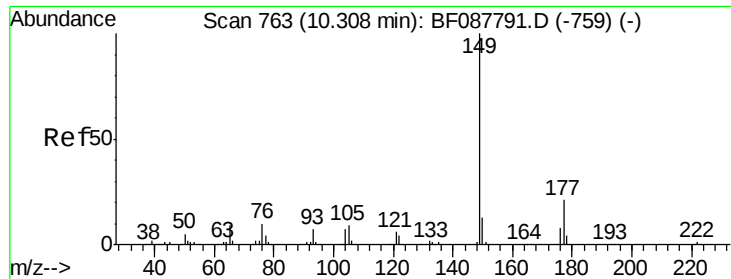
Tgt Ion:166 Resp: 565542
 Ion Ratio Lower Upper
 166 100
 165 99.3 77.8 116.8
 167 13.0 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 7.31 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

Tgt Ion:232 Resp: 24102
 Ion Ratio Lower Upper
 232 100
 131 48.6 0.9 1.3#
 130 0.0 1.5 2.3#
 166 0.0 0.5 0.7#

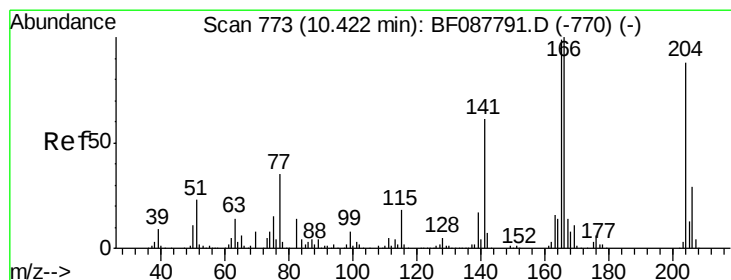
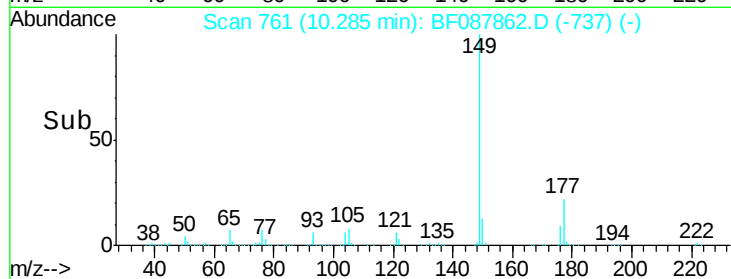
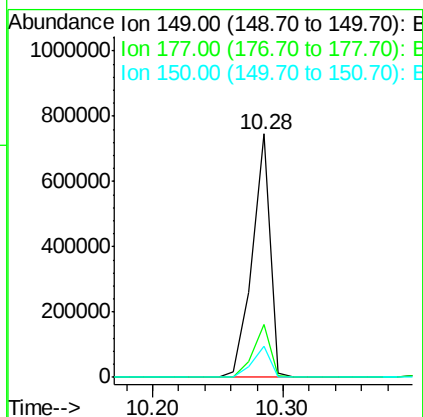
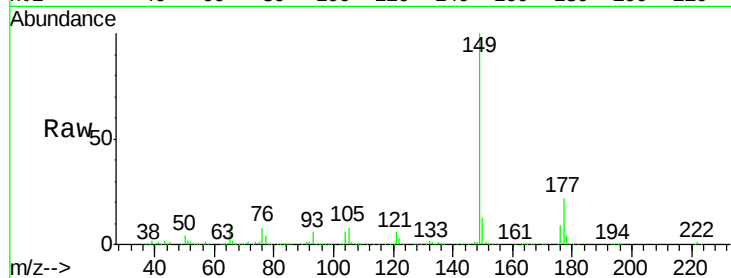




#59
Diethylphthalate
Concen: 48.08 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

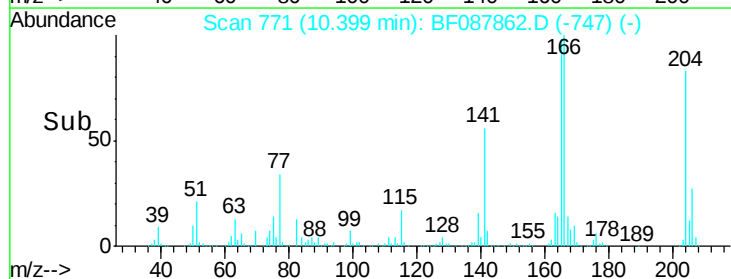
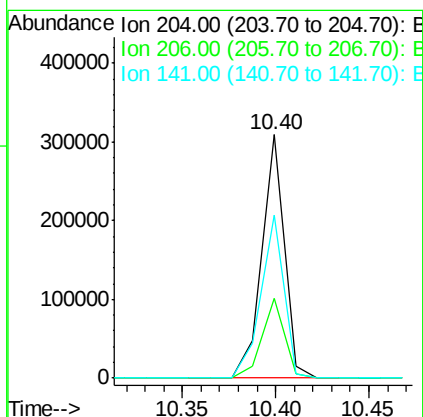
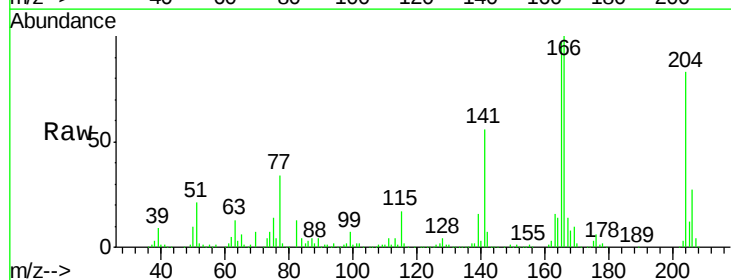
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

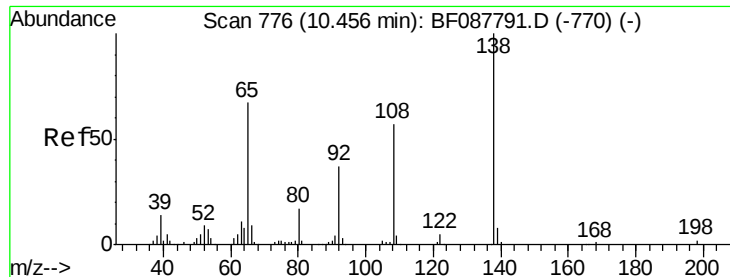
Tgt Ion:149 Resp: 710655
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.98 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

Tgt Ion:204 Resp: 254787
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 66.9 55.0 82.6

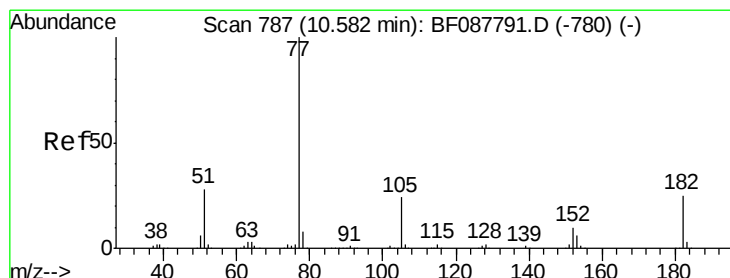
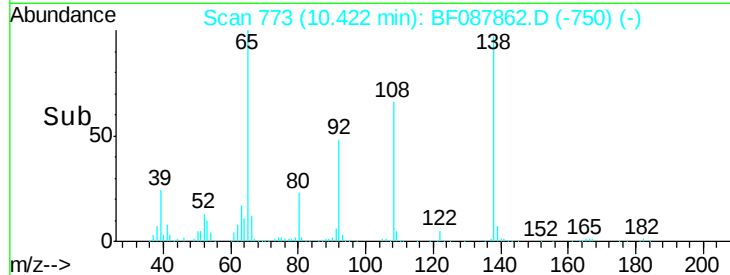
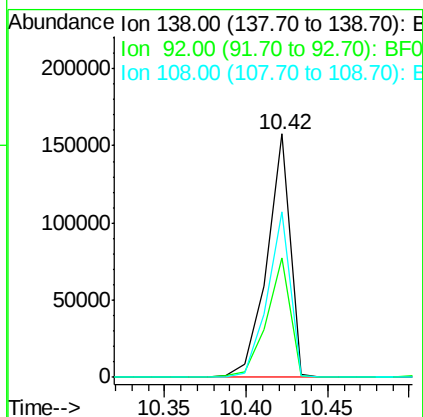
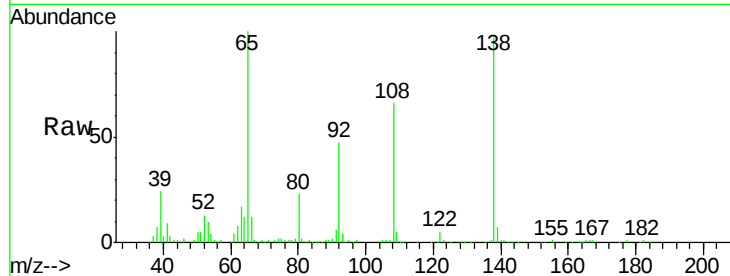




#61
4-Nitroaniline
Concen: 42.99 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.03 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

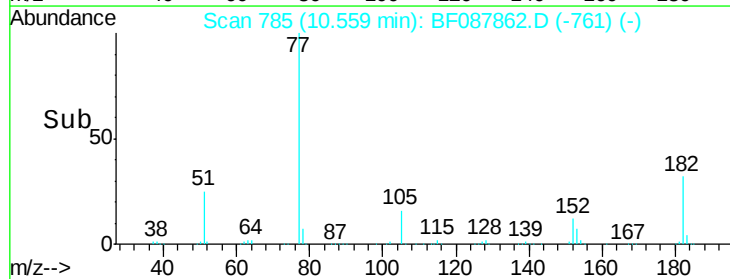
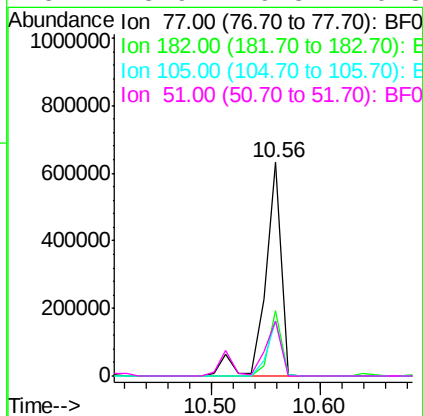
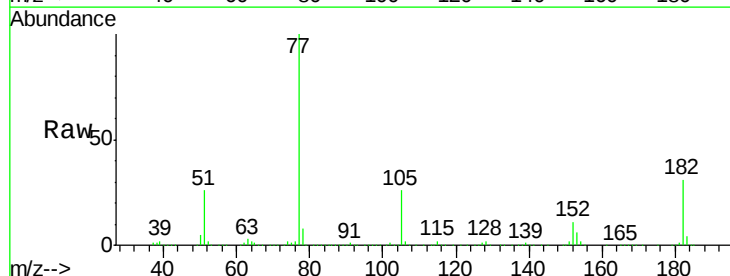
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

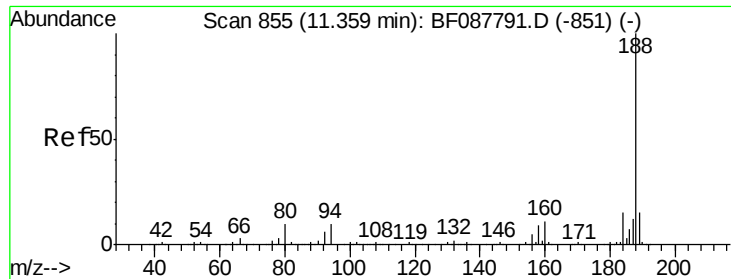
Tgt Ion:138 Resp: 157360
Ion Ratio Lower Upper
138 100
92 49.1 27.3 67.3
108 68.2 46.7 86.7



#62
Azobenzene
Concen: 44.50 ng
RT: 10.56 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

Tgt Ion: 77 Resp: 650451
Ion Ratio Lower Upper
77 100
182 30.7 4.4 44.4
105 25.5 3.8 43.8
51 25.9 9.3 49.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

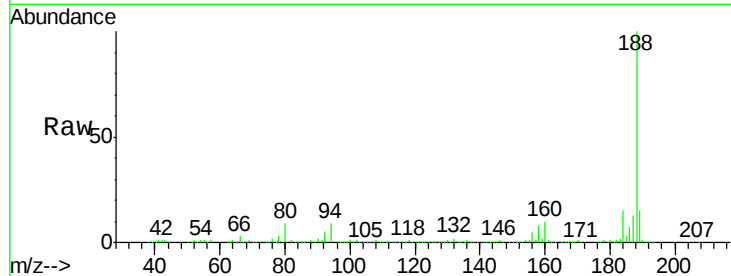
Tgt Ion:188 Resp: 307011

Ion Ratio Lower Upper

188 100

94 8.7 9.0 13.6#

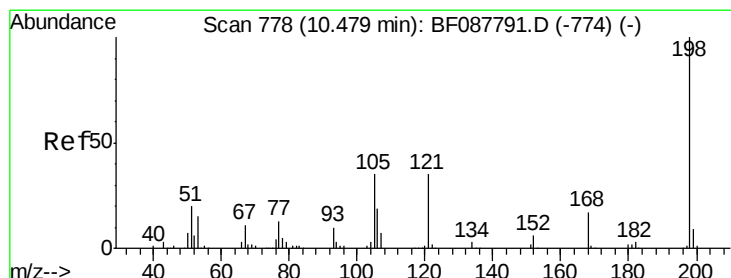
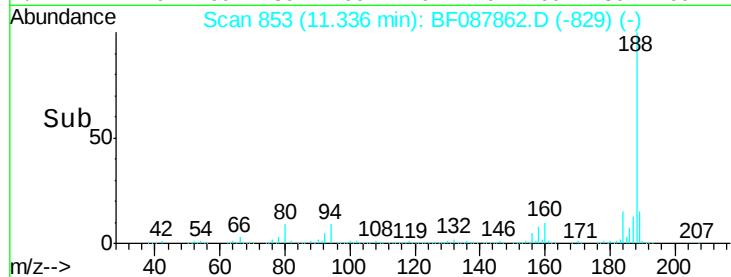
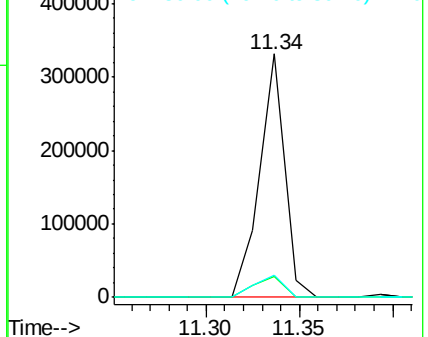
80 8.9 10.0 15.0#



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: 3.00 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.03 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

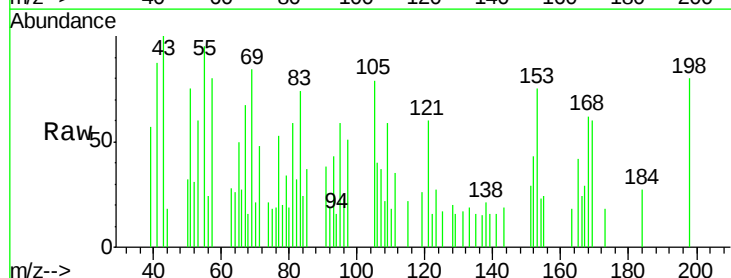
Tgt Ion:198 Resp: 1688

Ion Ratio Lower Upper

198 100

51 92.7 39.6 79.6#

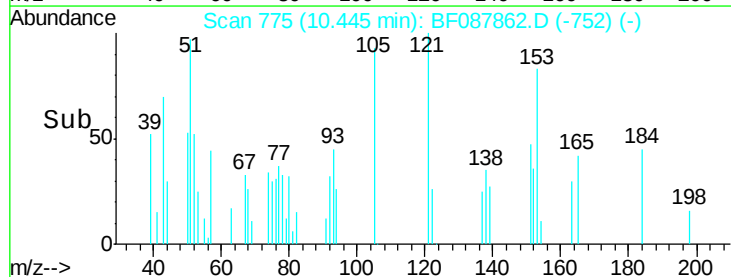
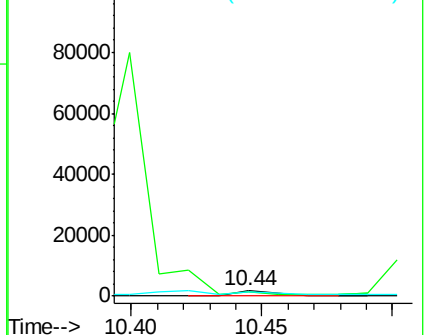
105 97.9 36.6 76.6#

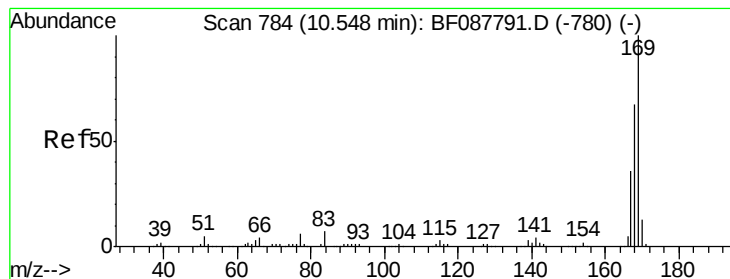


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.05 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

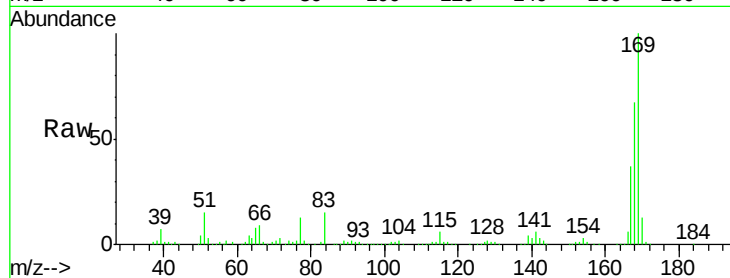
Tgt Ion:169 Resp: 489462

Ion Ratio Lower Upper

169 100

168 67.1 53.4 80.0

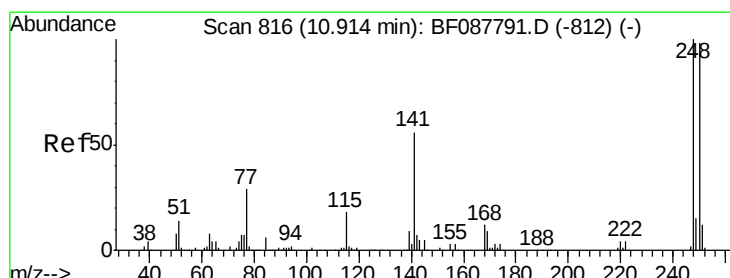
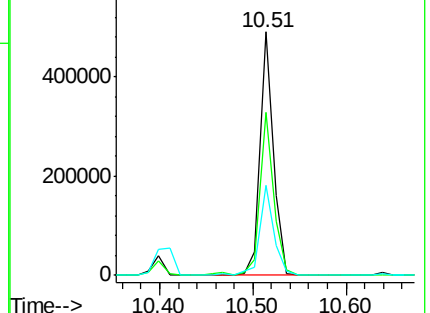
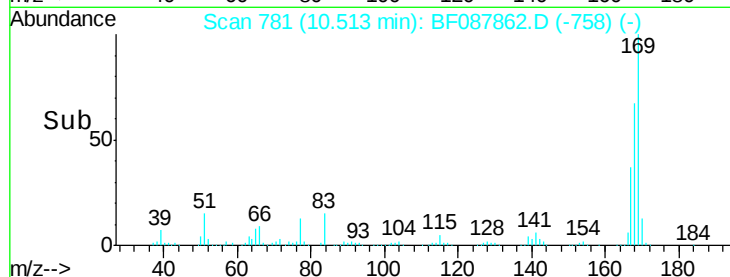
167 37.0 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.46 ng

RT: 10.89 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

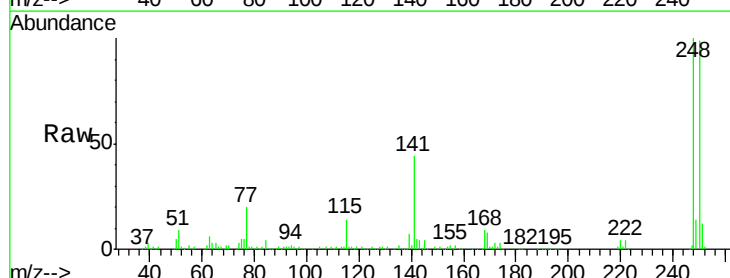
Tgt Ion:248 Resp: 162899

Ion Ratio Lower Upper

248 100

250 98.6 77.1 115.7

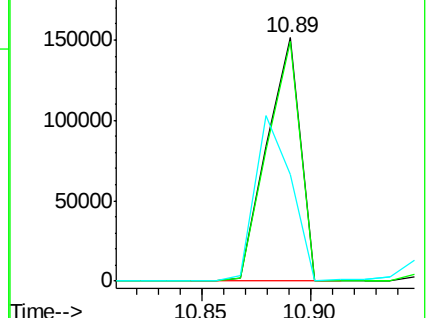
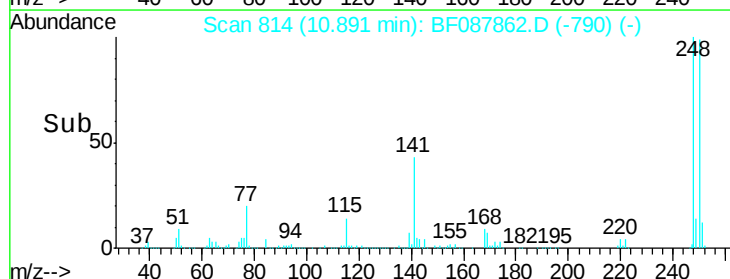
141 43.6 50.6 76.0#

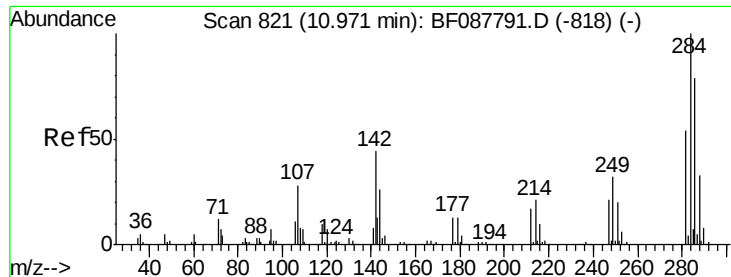


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

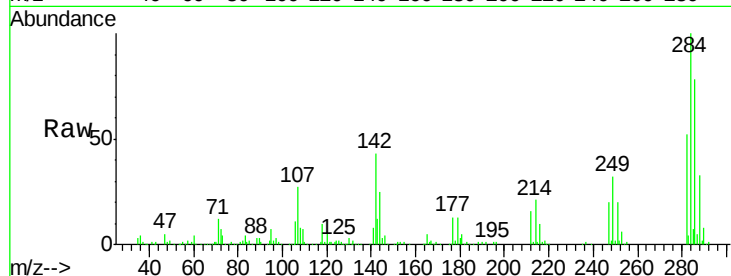




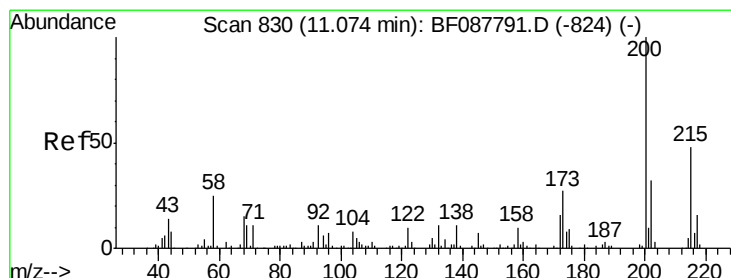
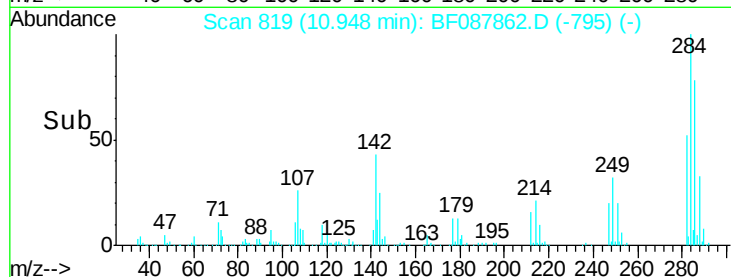
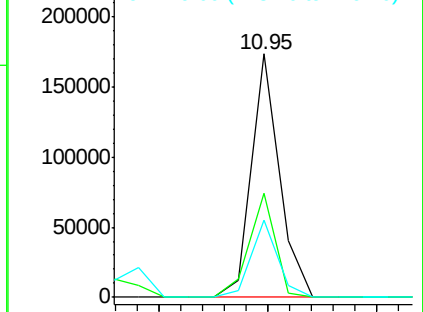
#67
Hexachlorobenzene
Concen: 45.41 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

Tgt Ion:284 Resp: 155394
Ion Ratio Lower Upper
284 100
142 43.0 35.8 53.8
249 31.6 25.8 38.6

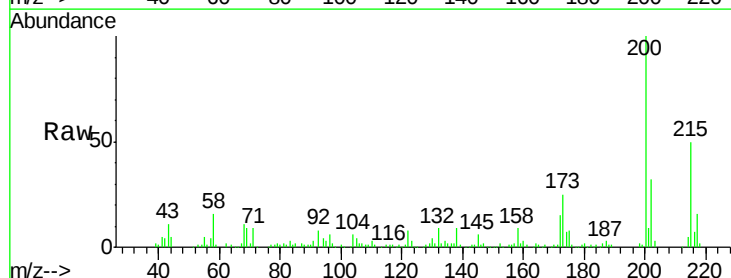


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

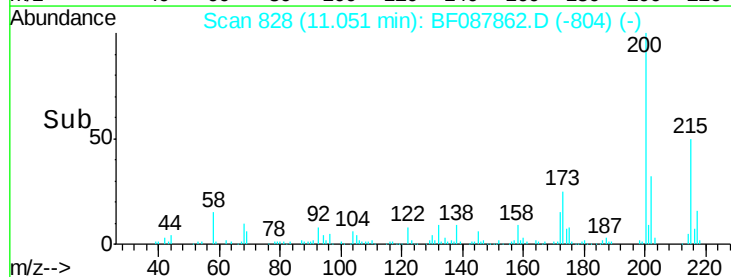
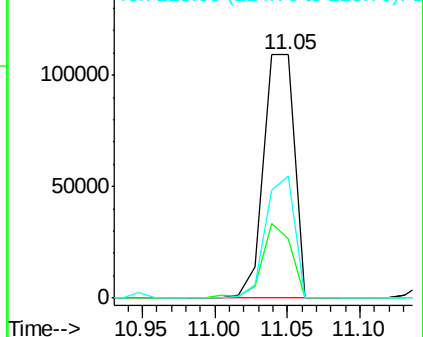


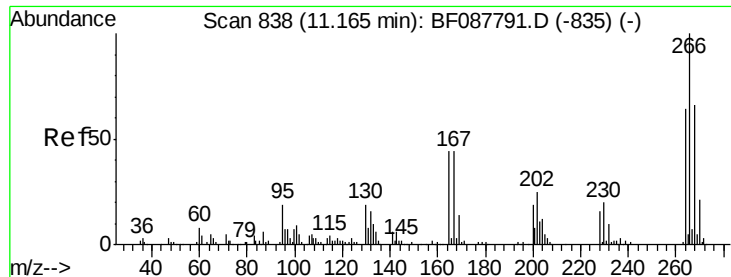
#68
Atrazine
Concen: 52.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

Tgt Ion:200 Resp: 160425
Ion Ratio Lower Upper
200 100
173 24.6 4.0 44.0
215 50.2 29.3 69.3



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

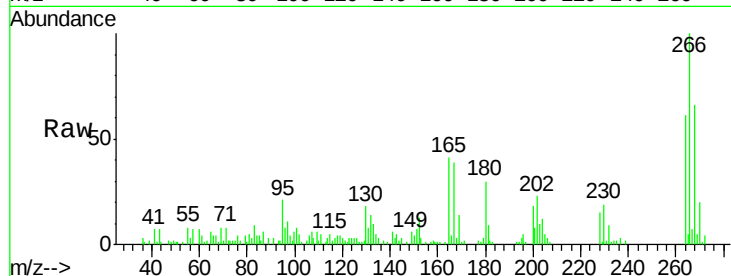




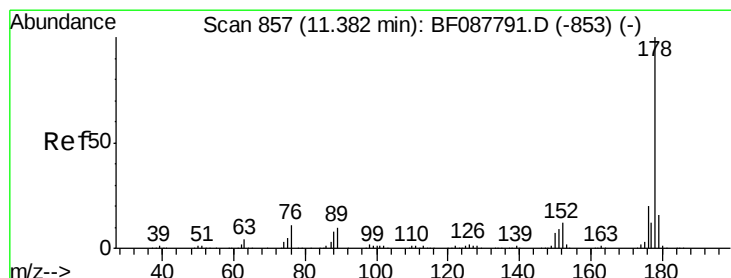
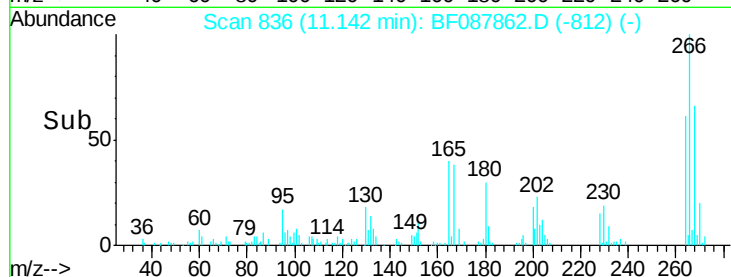
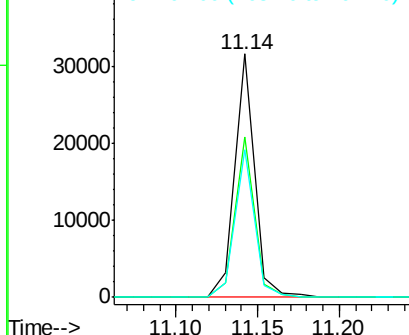
#69
 Pentachlorophenol
 Concen: 14.48 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMSD

Tgt Ion: 266 Resp: 26118
 Ion Ratio Lower Upper
 266 100
 268 65.8 52.8 79.2
 264 60.6 49.6 74.4

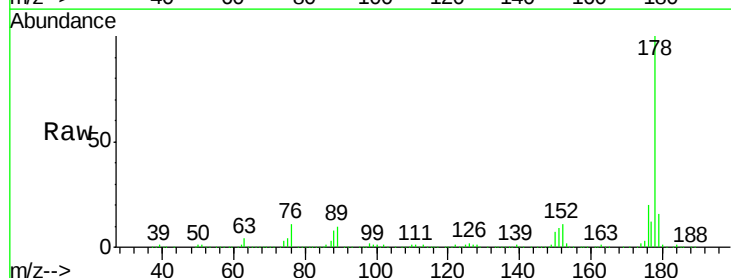


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

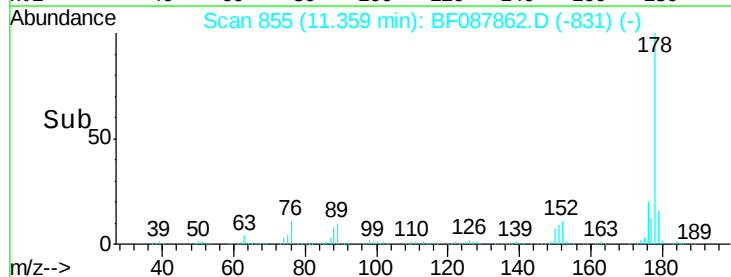
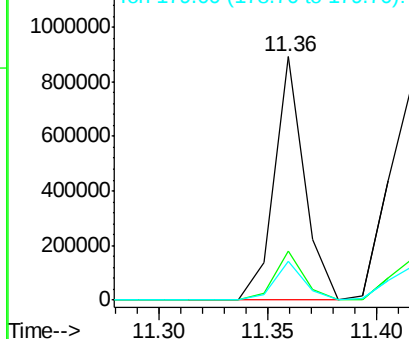


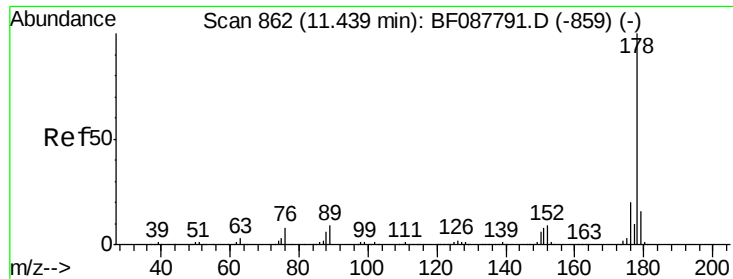
#70
 Phenanthrene
 Concen: 53.47 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

Tgt Ion: 178 Resp: 861405
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.6
 179 16.2 13.0 19.4



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: 53.24 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

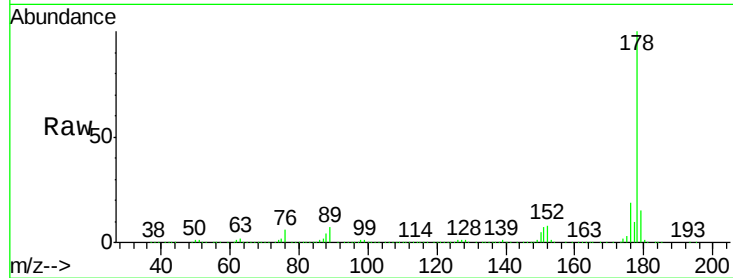
Tgt Ion:178 Resp: 865237

Ion Ratio Lower Upper

178 100

176 18.8 15.6 23.4

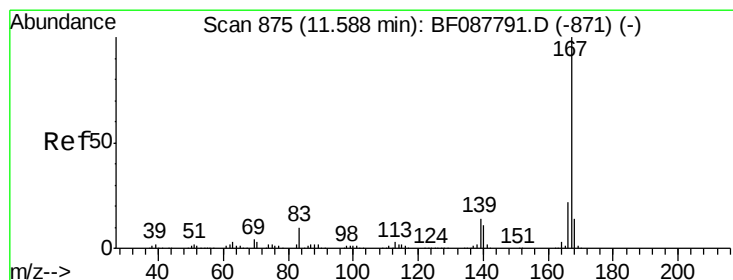
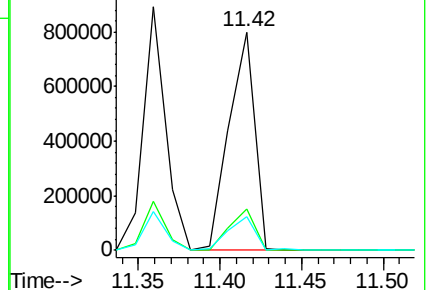
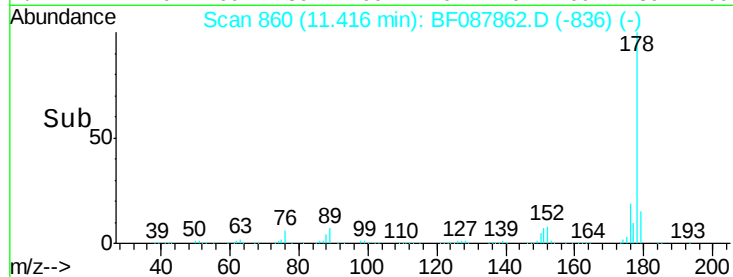
179 15.4 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.50 ng

RT: 11.56 min Scan# 873

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

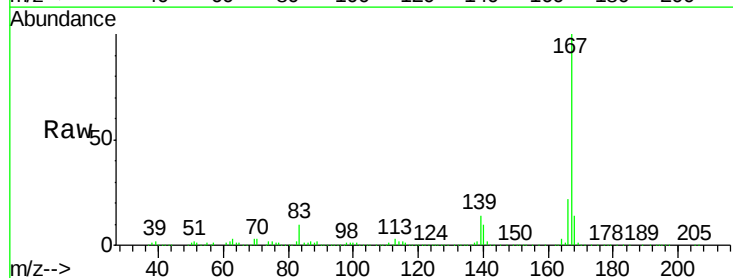
Tgt Ion:167 Resp: 691879

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

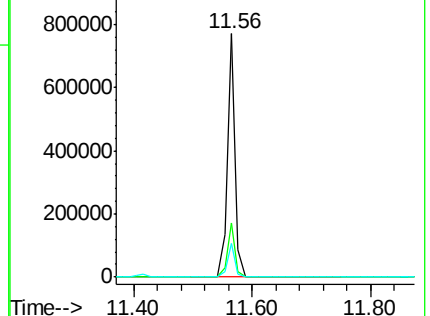
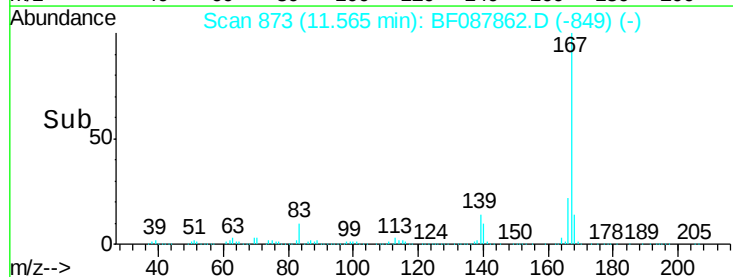
139 13.8 11.2 16.8

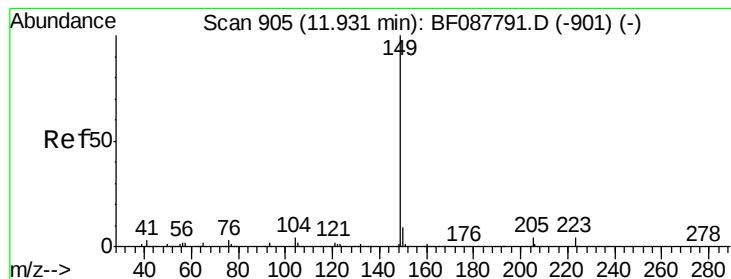


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.51 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

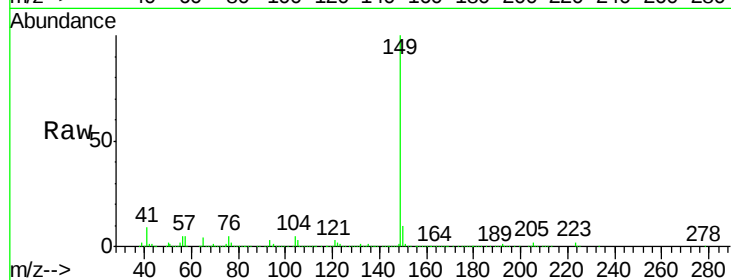
Tgt Ion:149 Resp: 914515

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

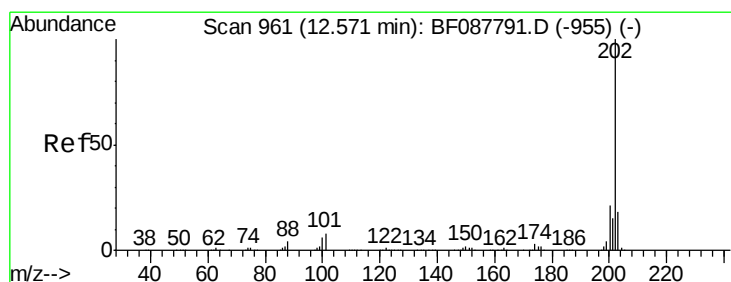
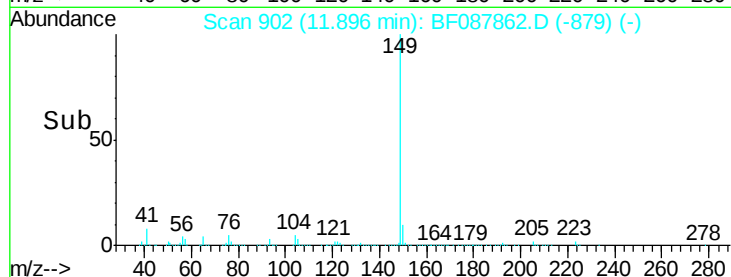
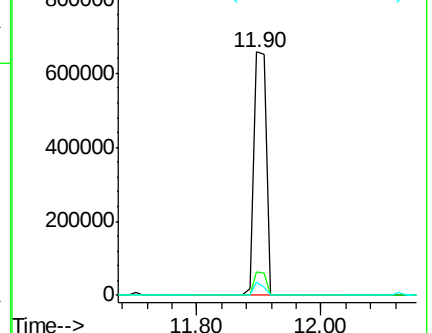
104 5.3 4.0 6.0



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: 62.31 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

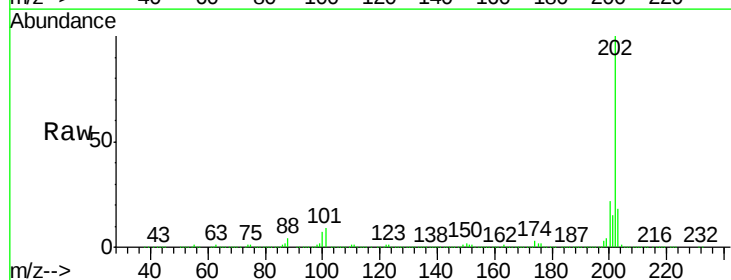
Tgt Ion:202 Resp: 1059378

Ion Ratio Lower Upper

202 100

101 9.5 0.0 33.1

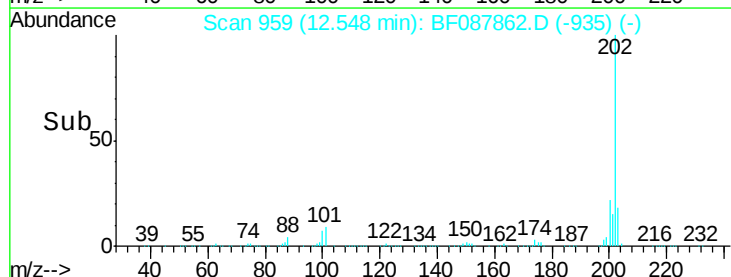
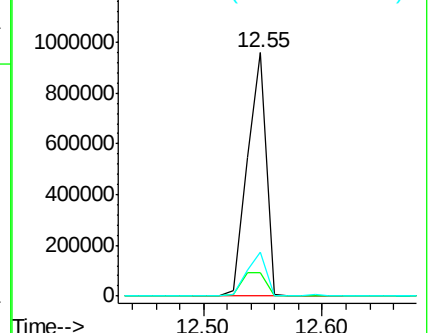
203 17.9 0.0 38.1

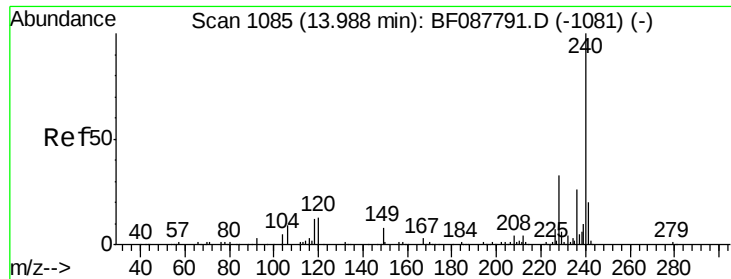


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

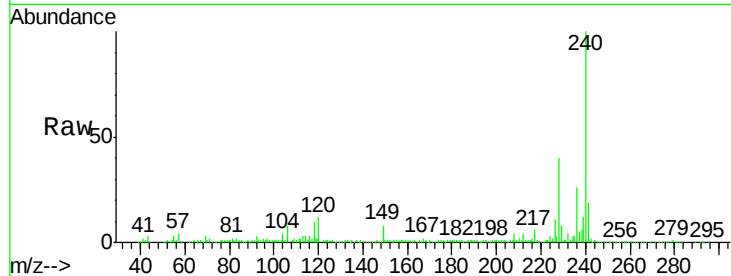
Tgt Ion:240 Resp: 253874

Ion Ratio Lower Upper

240 100

120 11.6 6.8 10.2#

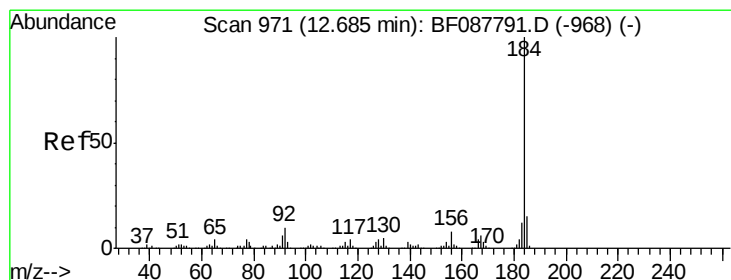
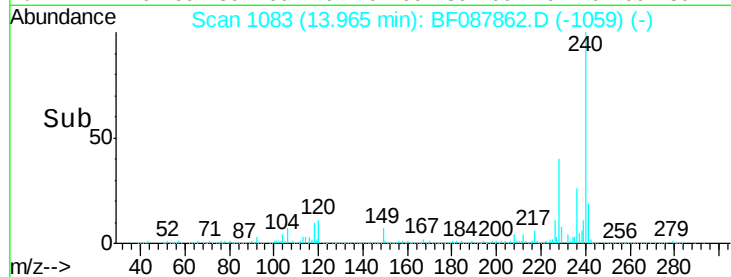
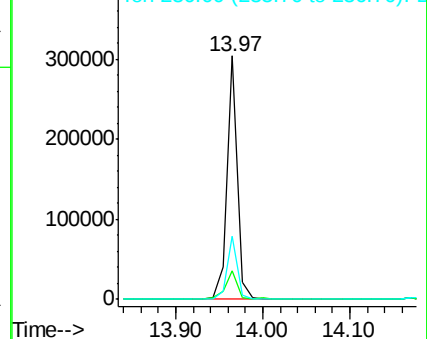
236 25.9 20.2 30.2



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: 36.95 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

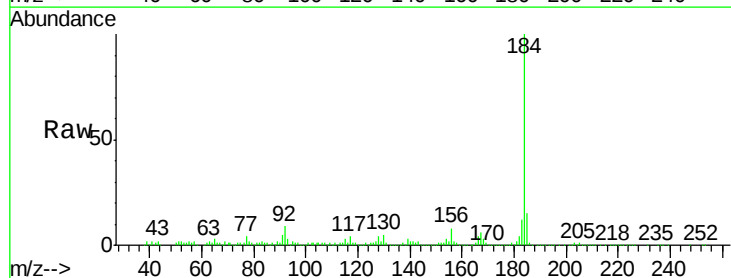
Tgt Ion:184 Resp: 259723

Ion Ratio Lower Upper

184 100

185 14.6 12.5 18.7

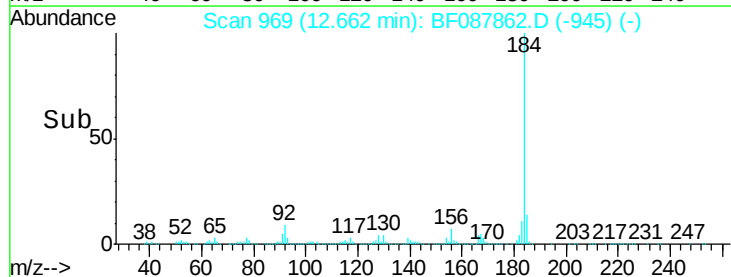
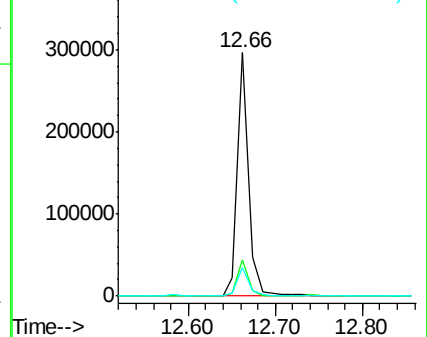
183 11.5 9.3 13.9

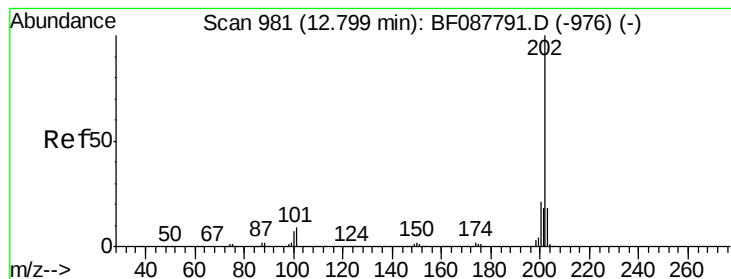


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 53.00 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

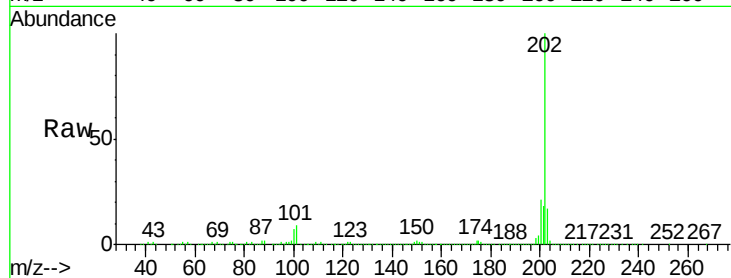
Tgt Ion:202 Resp: 998483

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

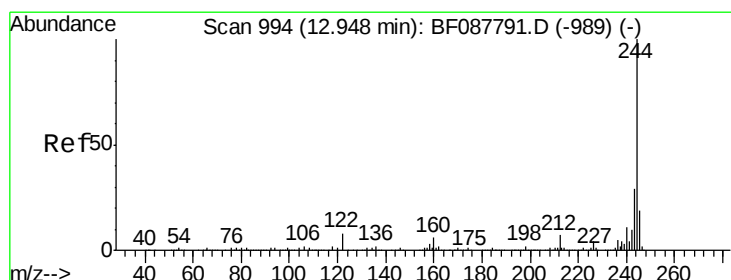
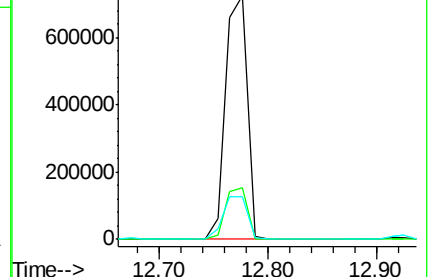
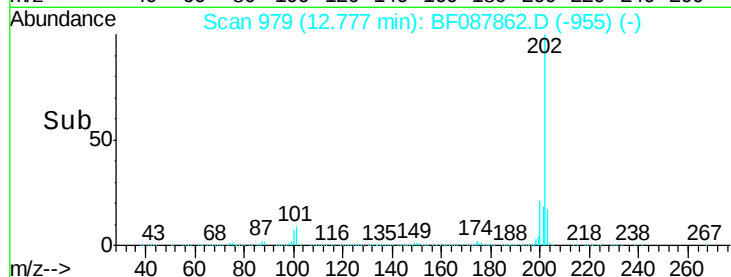
203 17.5 14.5 21.7



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: 64.51 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.03 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

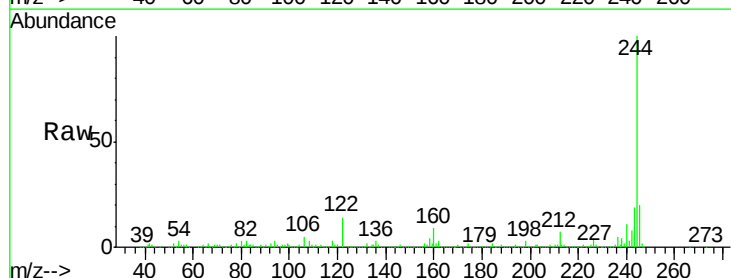
Tgt Ion:244 Resp: 719720

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

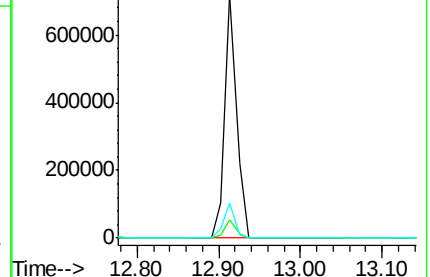
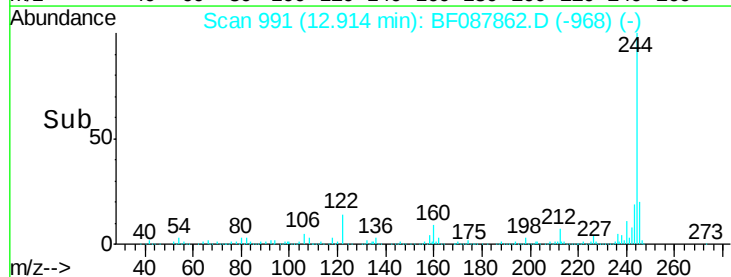
122 14.3 11.2 16.8

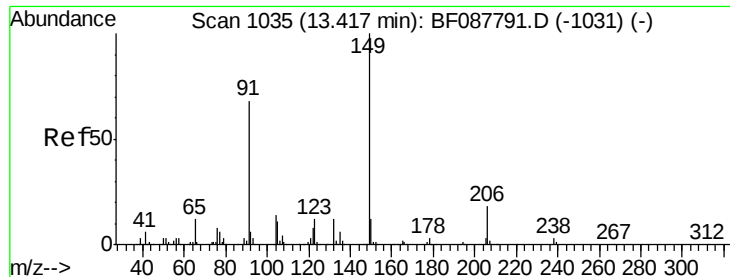


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.48 ng

RT: 13.39 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

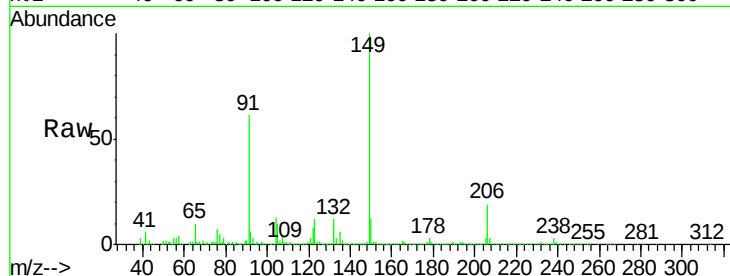
Tgt Ion:149 Resp: 395476

Ion Ratio Lower Upper

149 100

91 61.2 48.0 72.0

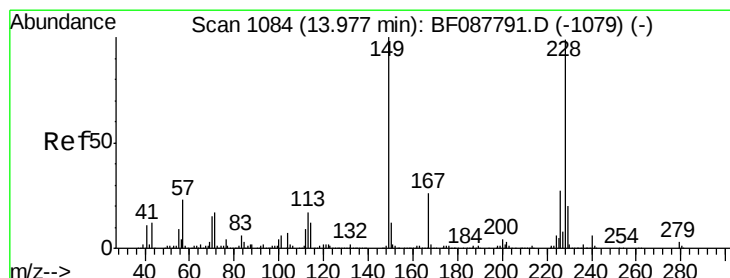
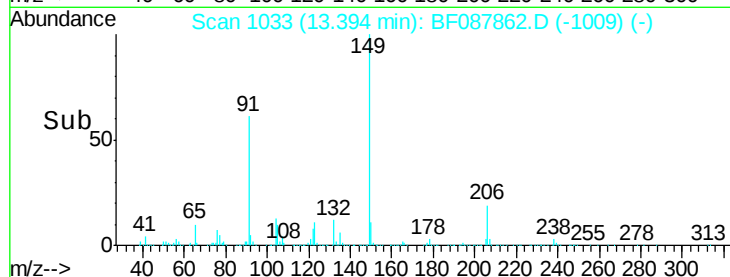
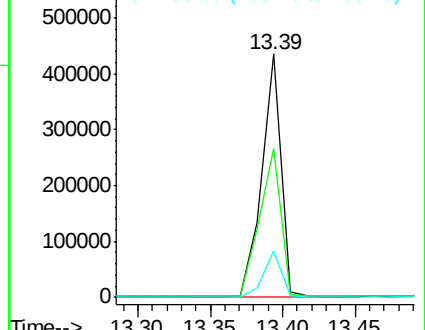
206 19.3 16.0 24.0



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: 50.75 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

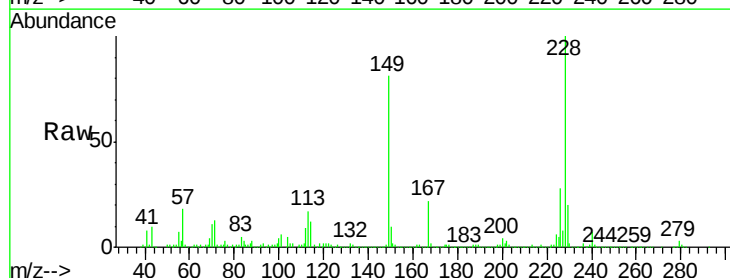
Tgt Ion:228 Resp: 734262

Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

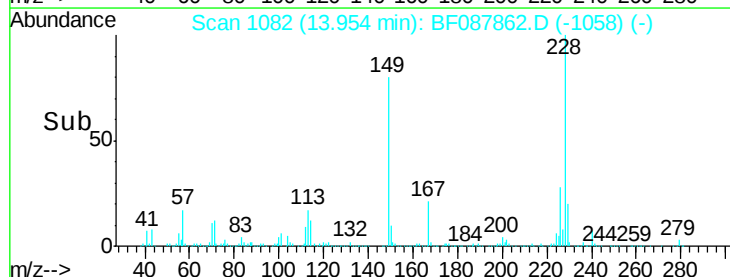
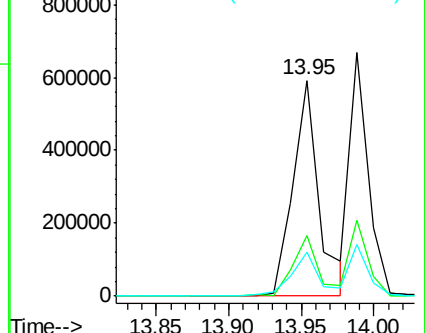
229 20.5 16.0 24.0

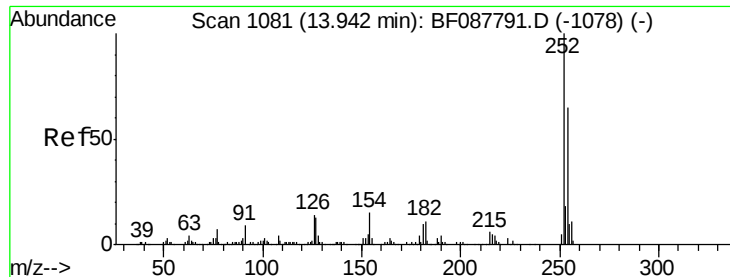


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

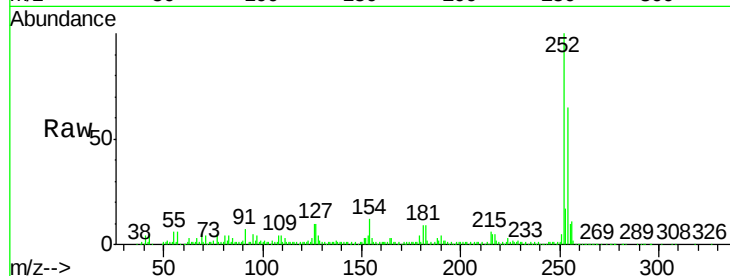




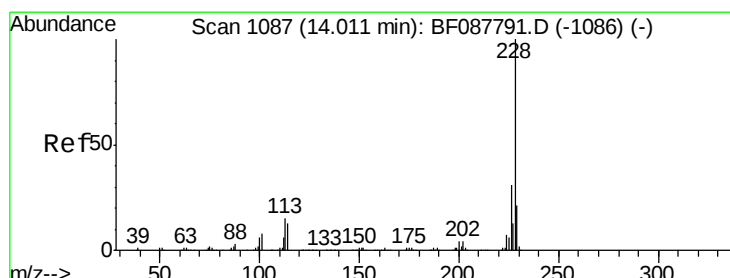
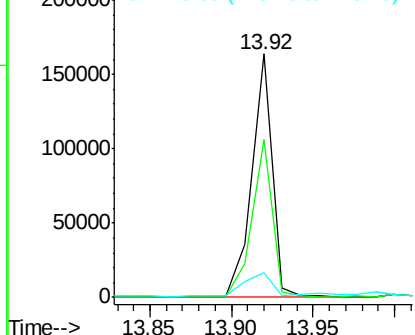
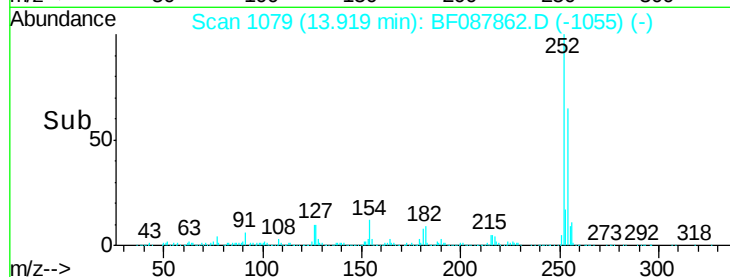
#81
 3,3'-Dichlorobenzidine
 Concen: 36.62 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMSD

Tgt Ion:252 Resp: 142478
 Ion Ratio Lower Upper
 252 100
 254 65.1 52.6 78.8
 126 10.3 6.2 9.2#

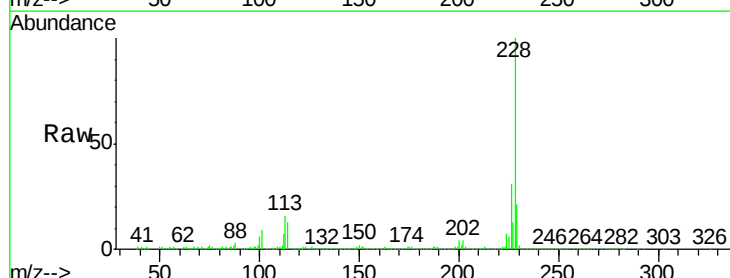


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

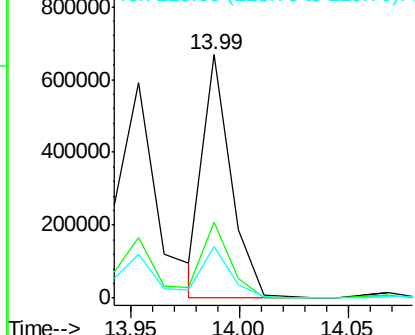
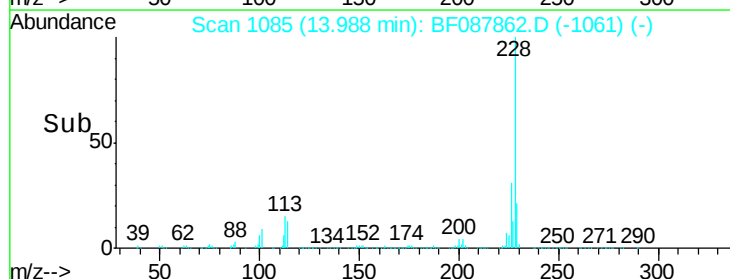


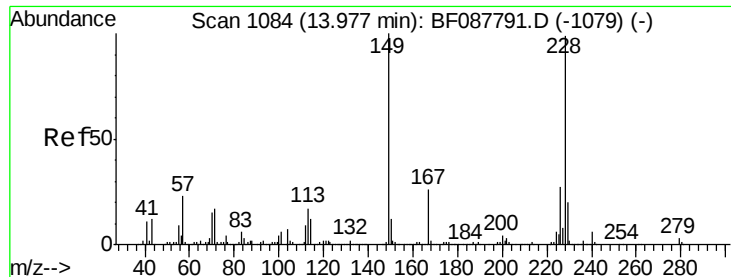
#82
 Chrysene
 Concen: 43.32 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

Tgt Ion:228 Resp: 589658
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.2
 229 21.1 16.3 24.5



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

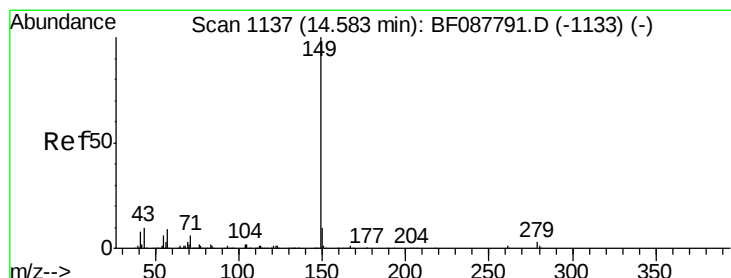
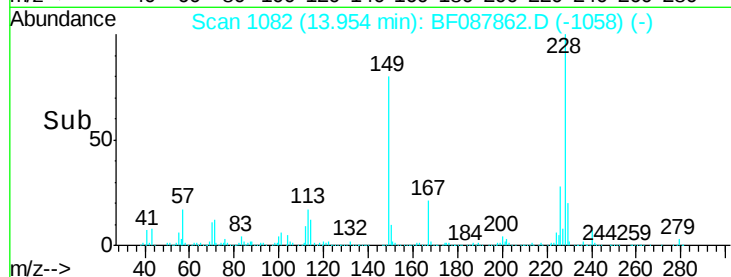
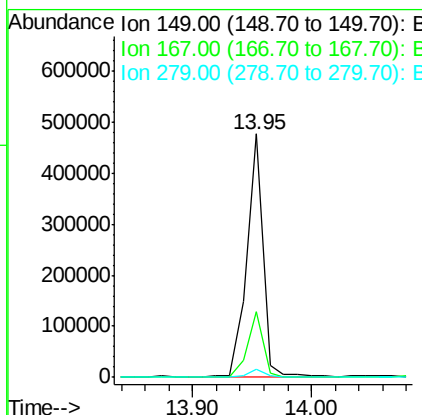
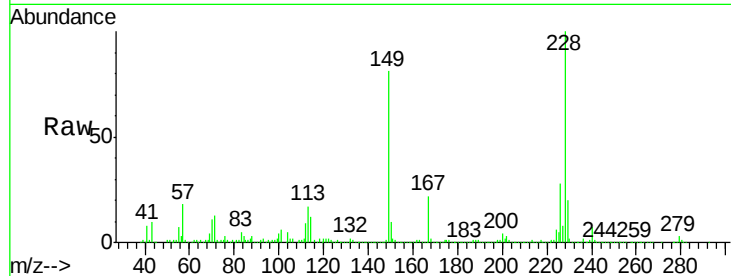




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.38 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

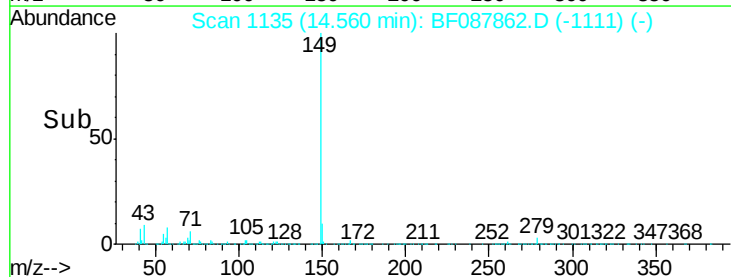
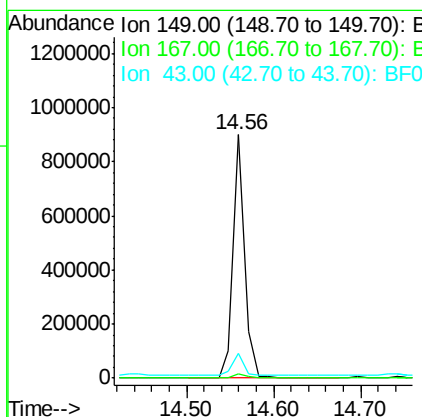
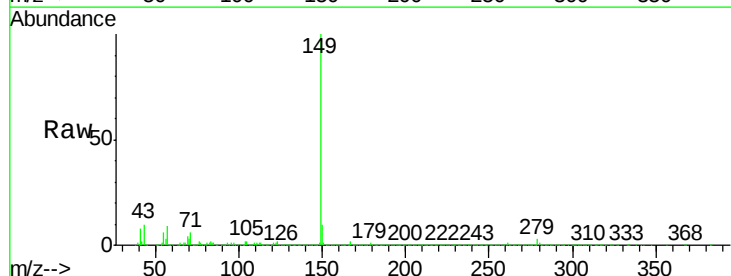
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMSD

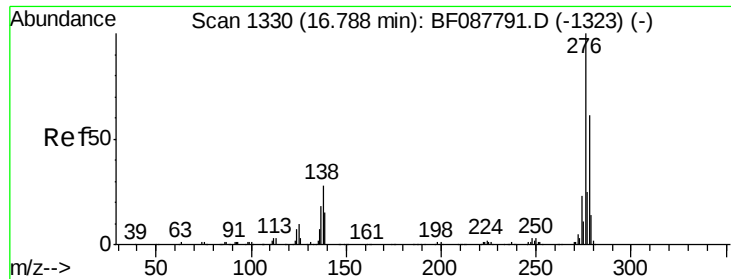
Tgt Ion:149 Resp: 450013
 Ion Ratio Lower Upper
 149 100
 167 26.8 20.5 30.7
 279 3.6 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 48.95 ng
 RT: 14.56 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

Tgt Ion:149 Resp: 806425
 Ion Ratio Lower Upper
 149 100
 167 1.6 0.0 0.0#
 43 9.3 0.0 0.0#

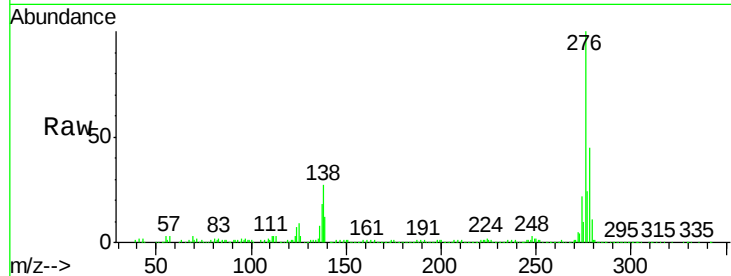




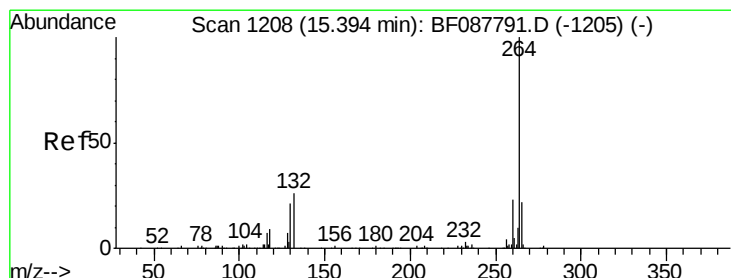
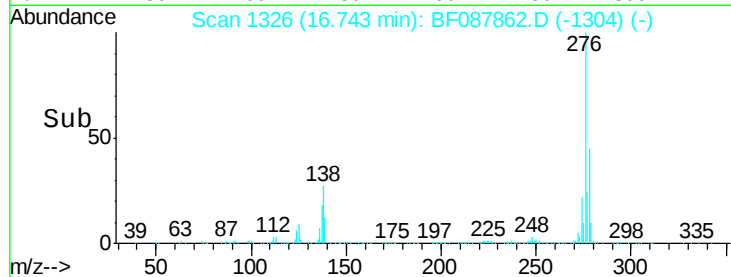
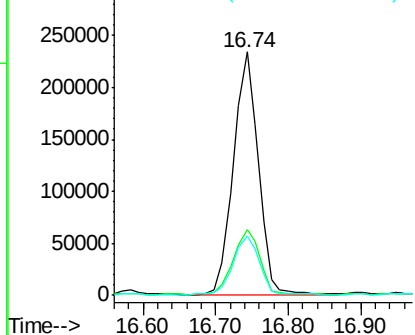
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.09 ng
 RT: 16.74 min Scan# 1326
 Delta R.T. -0.05 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMSD

Tgt Ion:276 Resp: 557569
 Ion Ratio Lower Upper
 276 100
 138 28.5 0.0 0.0#
 277 25.5 0.0 0.0#

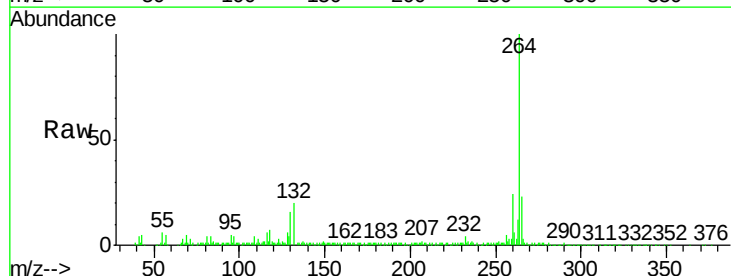


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

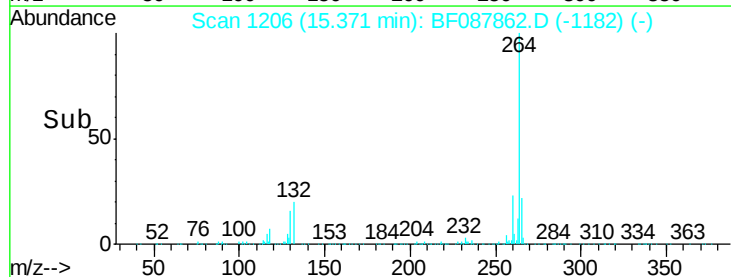
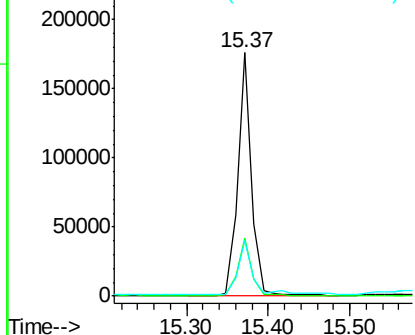


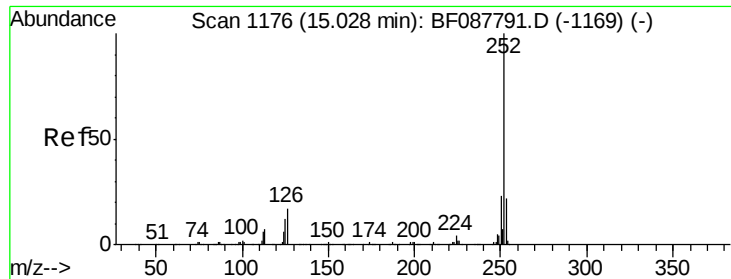
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

Tgt Ion:264 Resp: 202902
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.6 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 89.76 ng

RT: 15.01 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

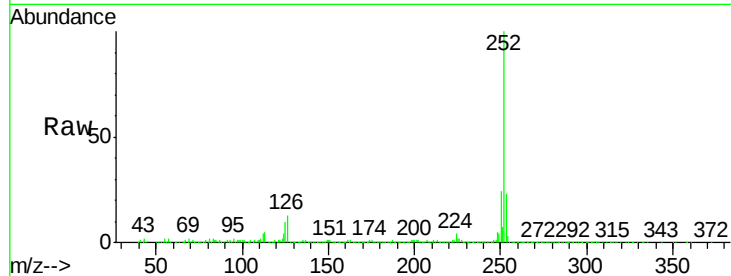
Tgt Ion:252 Resp: 1269355

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

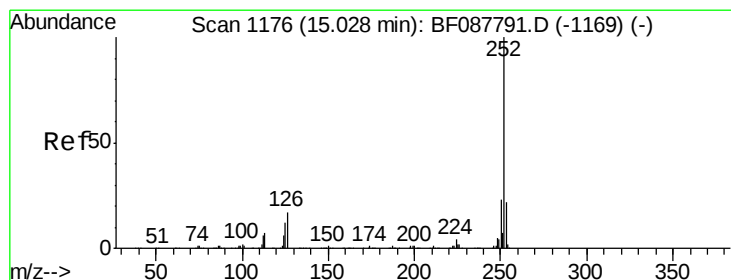
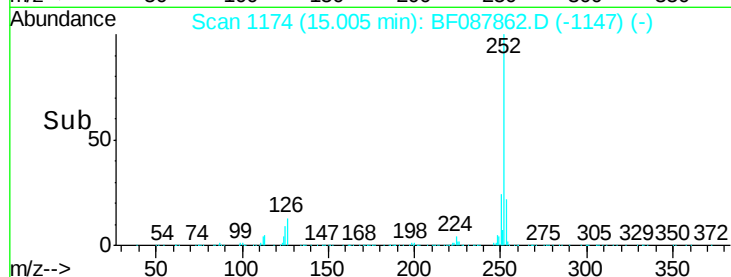
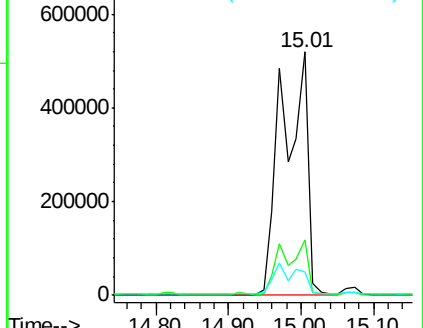
125 9.6 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 118.99 ng

RT: 15.01 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

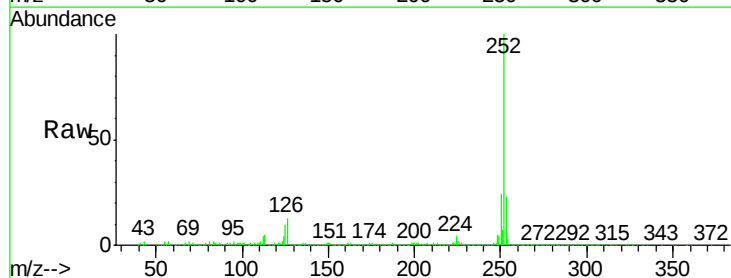
Tgt Ion:252 Resp: 1269355

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

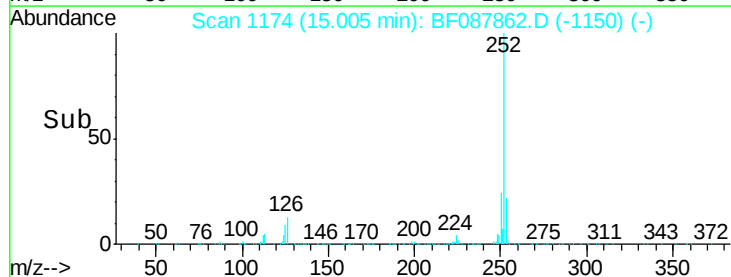
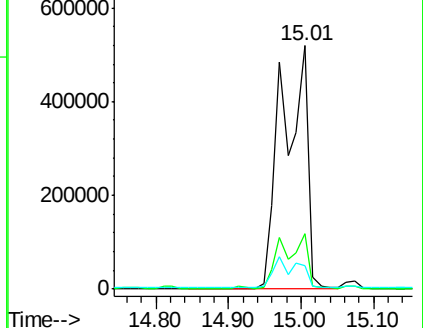
125 9.6 11.2 16.8#

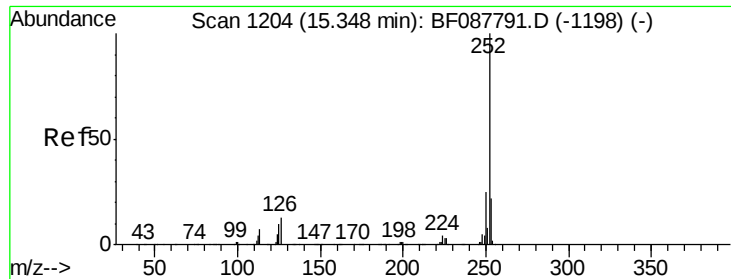


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 50.40 ng

RT: 15.31 min Scan# 1201

Delta R.T. -0.03 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

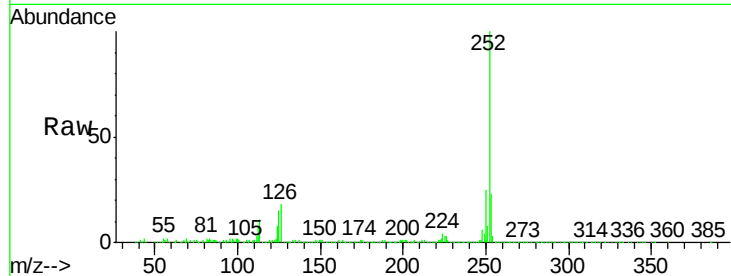
Tgt Ion:252 Resp: 576720

Ion Ratio Lower Upper

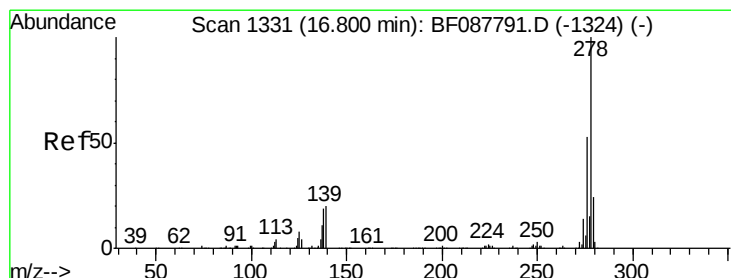
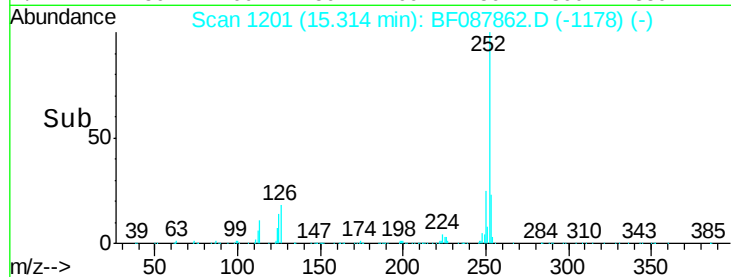
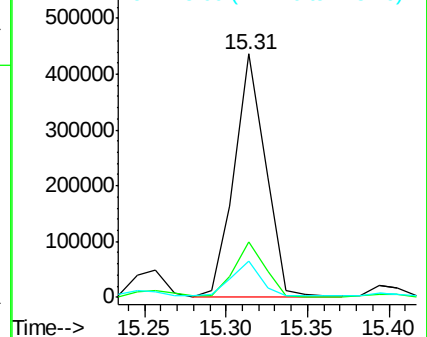
252 100

253 22.8 17.9 26.9

125 14.8 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.38 ng

RT: 16.75 min Scan# 1327

Delta R.T. -0.05 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

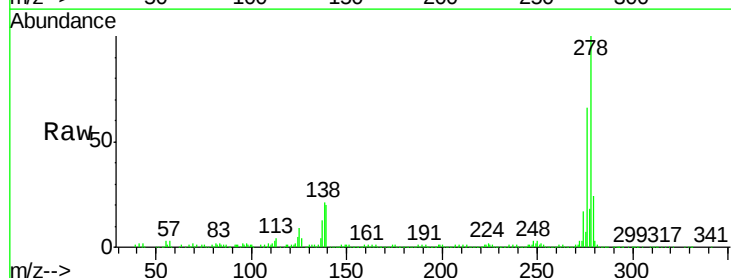
Tgt Ion:278 Resp: 450366

Ion Ratio Lower Upper

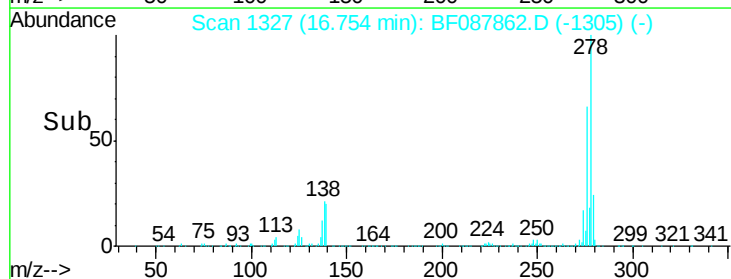
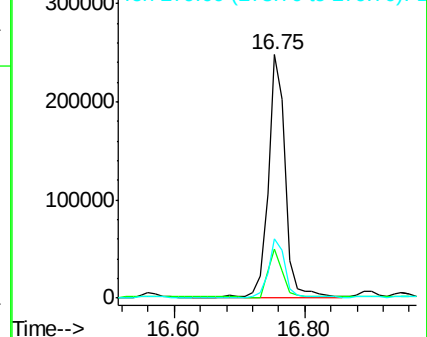
278 100

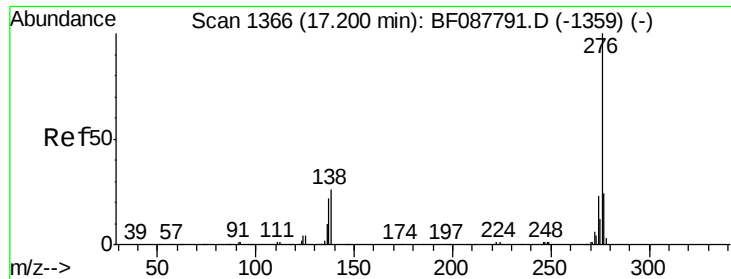
139 20.3 15.7 23.5

279 24.3 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 41.67 ng
 RT: 17.15 min Scan# 1362
 Delta R.T. -0.05 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	25.9	21.4	32.2

