

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 11:06:28 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	6.99	146	353126m	40.81	ng	
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	7.72	139	103295m	23.30	ng	
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
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	8.82	142	759355m	46.66	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	276778	58.83	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	40534	12.47	ng	100
42) 2,4,6-Trichlorophenol	9.10	196	49194	12.20	ng	96

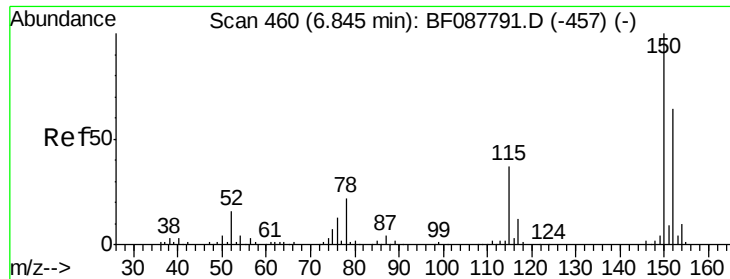
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.14	196	82909	19.77	nq	# 83
45) 1,1'-Biphenyl	9.29	154	782037	52.76	nq	94
46) 2-Chloronaphthalene	9.31	162	619227	47.47	nq	# 91
47) 2-Nitroaniline	9.40	65	193731	50.35	nq	89
48) Acenaphthylene	9.72	152	951078	45.84	nq	99
49) Dimethylphthalate	9.59	163	738778	50.59	nq	99
50) 2,6-Dinitrotoluene	9.64	165	142564	42.63	nq	# 59
51) Acenaphthene	9.90	154	611192	47.22	nq	98
52) 3-Nitroaniline	9.82	138	157088	40.71	nq	84
53) 2,4-Dinitrophenol	9.92	184	278	3.30	nq	# 9
54) Dibenzofuran	10.07	168	858137	48.14	nq	97
55) 4-Nitrophenol	9.96	139	25728	8.59	nq	96
56) 2,4-Dinitrotoluene	10.04	165	190558	44.34	nq	# 74
57) Fluorene	10.41	166	565542	47.18	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	24102	7.31	nq	# 63
59) Diethylphthalate	10.28	149	710655	48.08	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	254787	42.98	nq	98
61) 4-Nitroaniline	10.42	138	157360	42.99	nq	98
62) Azobenzene	10.56	77	650451	44.50	nq	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	1688	3.00	nq	# 50
65) n-Nitrosodiphenylamine	10.51	169	489462	48.05	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	162899	49.46	nq	# 89
67) Hexachlorobenzene	10.95	284	155394	45.41	nq	98
68) Atrazine	11.05	200	160425	52.00	nq	99
69) Pentachlorophenol	11.14	266	26118	14.48	nq	99
70) Phenanthrene	11.36	178	861405	53.47	nq	99
71) Anthracene	11.42	178	865237	53.24	nq	99
72) Carbazole	11.56	167	691879	45.50	nq	100
73) Di-n-butylphthalate	11.90	149	914515	47.51	nq	100
74) Fluoranthene	12.55	202	1059378	62.31	nq	96
76) Benzidine	12.66	184	259723	36.95	nq	99
77) Pyrene	12.78	202	998483	53.00	nq	99
79) Butylbenzylphthalate	13.39	149	395476	47.48	nq	98
80) Benzo(a)anthracene	13.95	228	734262	50.75	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	142478	36.62	nq	# 98
82) Chrysene	13.99	228	589658	43.32	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	450013	44.38	nq	# 98
84) Di-n-octyl phthalate	14.56	149	806425	48.95	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.74	276	557569	44.09	nq	# 100
87) Benzo(b)fluoranthene	14.97	252	658409m	46.56	nq	
88) Benzo(k)fluoranthene	15.01	252	615501m	57.70	nq	
89) Benzo(a)pyrene	15.31	252	576720	50.40	nq	99
90) Dibenzo(a,h)anthracene	16.75	278	450366	42.38	nq	99
91) Benzo(g,h,i)perylene	17.15	276	455548	41.67	nq	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

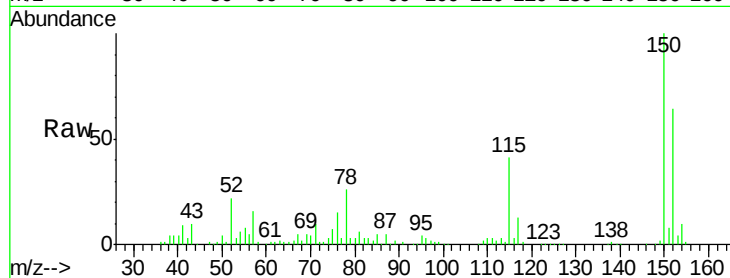
Tot Ion:152 Resp: 127157

Ion Ratio Lower Upper

152 100

150 155.7 123.8 185.6

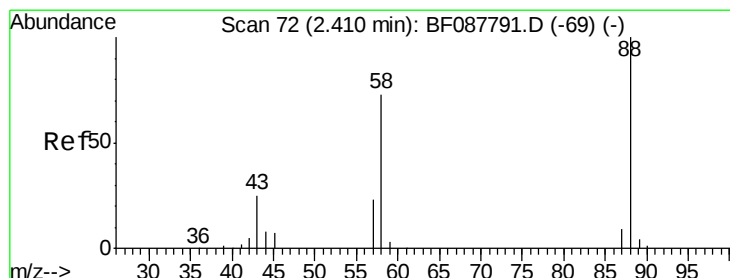
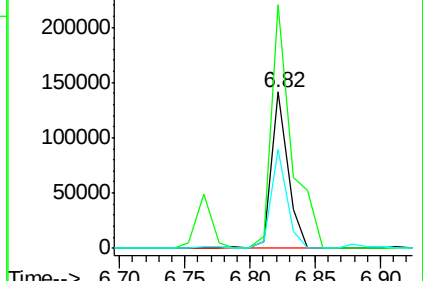
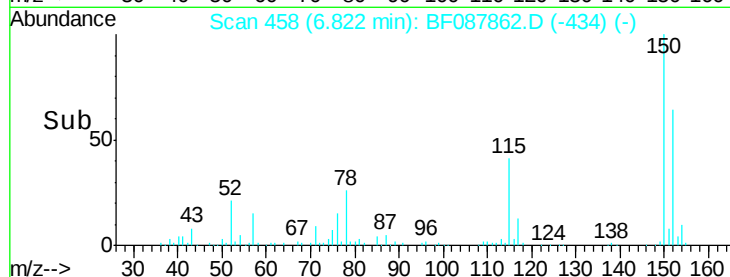
115 63.4 39.6 59.4#



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

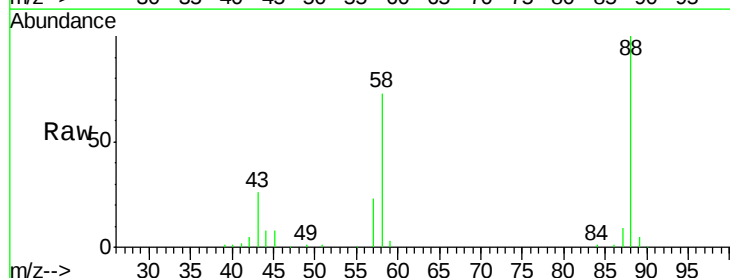
Tgt Ion: 88 Resp: 128237

Ion Ratio Lower Upper

88 100

58 75.5 0.0 0.0#

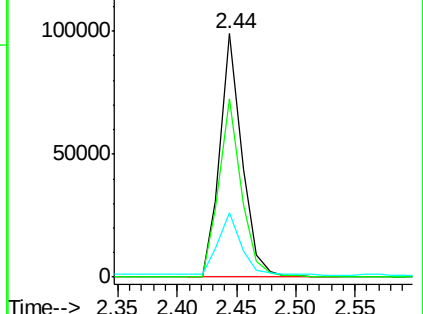
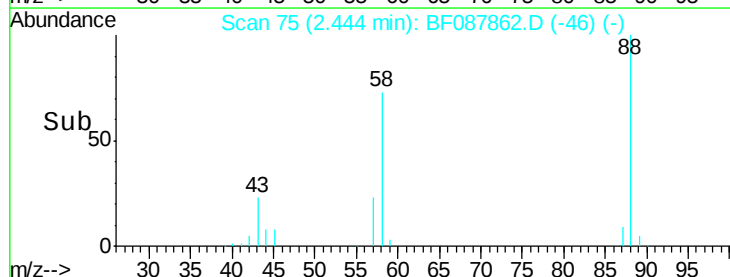
43 26.5 3.4 5.2#

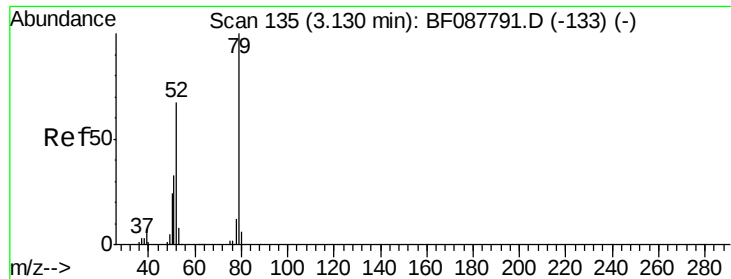


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

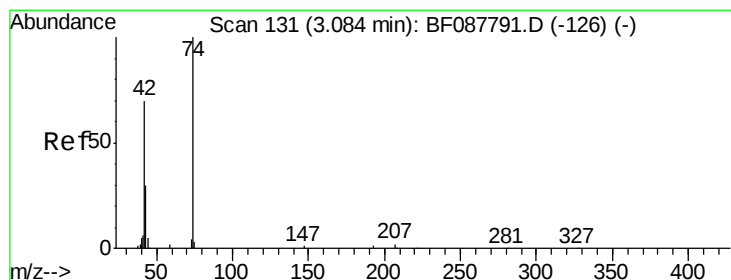
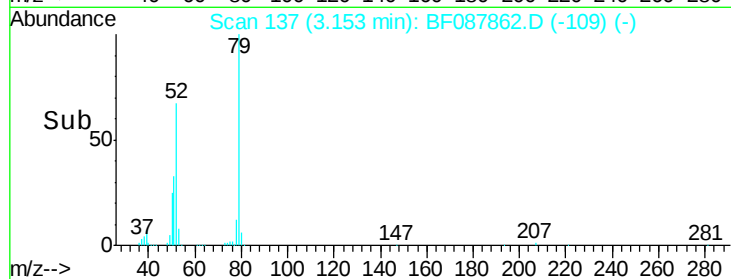
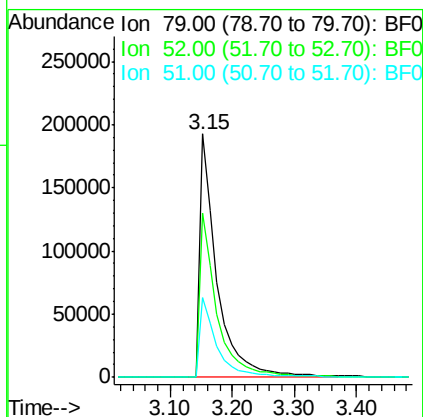
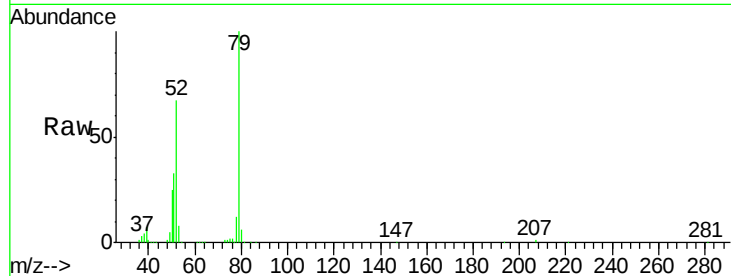




#3
 Pvridine
 Concen: 43.61 ng
 RT: 3.15 min Scan# 137
 Delta R.T. 0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

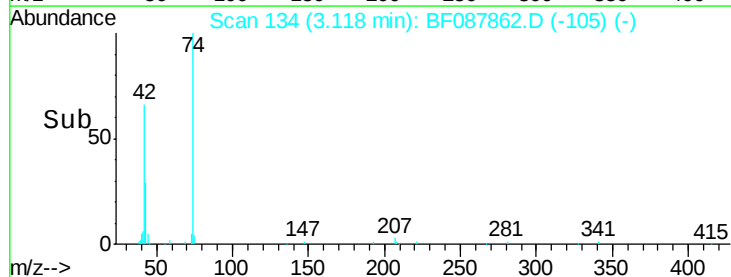
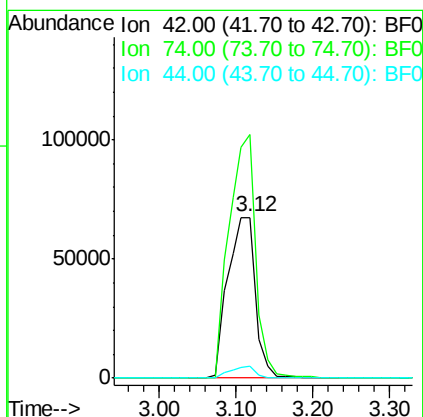
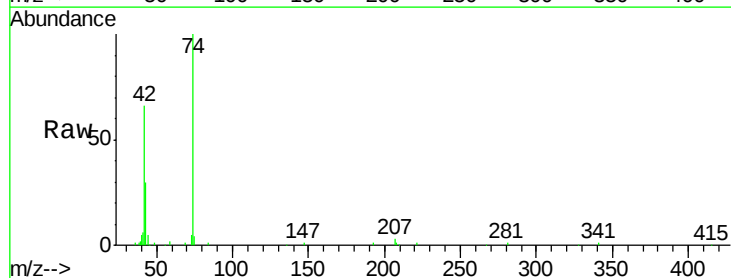
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMSD

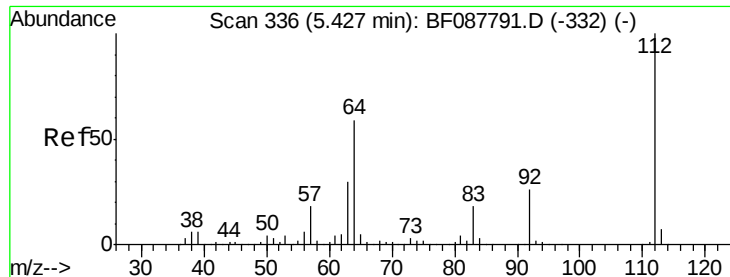
Tot Ion: 79 Resp: 372148
 Ion Ratio Lower Upper
 79 100
 52 67.3 56.3 84.5
 51 33.0 27.4 41.2



#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 :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

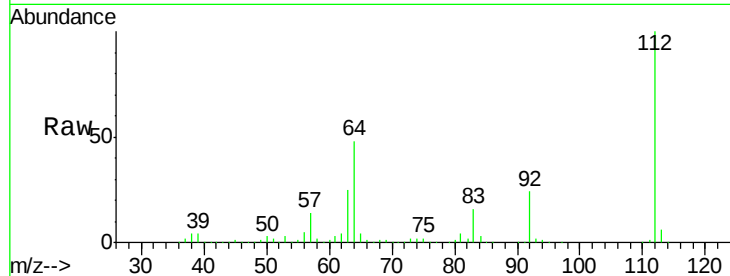
Tot Ion:112 Resp: 679813

Ion Ratio Lower Upper

112 100

64 47.8 42.2 63.2

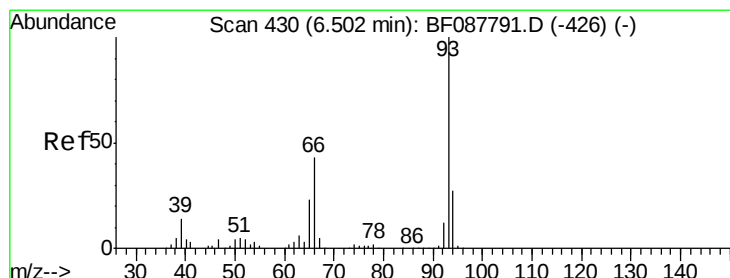
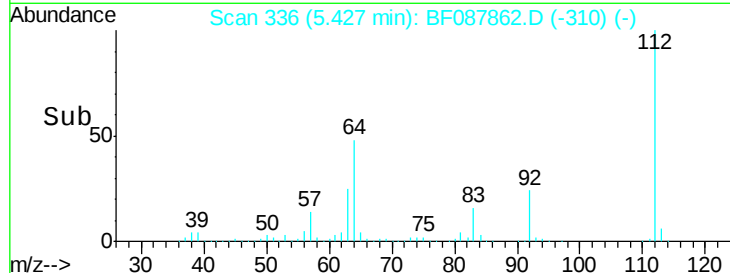
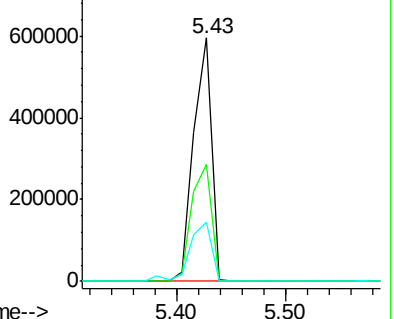
63 24.6 21.8 32.8



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

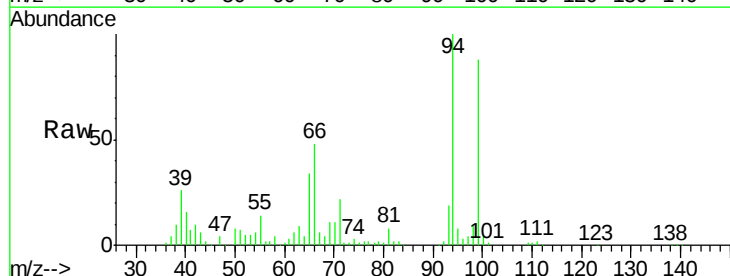
Tgt Ion: 93 Resp: 151688

Ion Ratio Lower Upper

93 100

66 257.5 29.8 44.8#

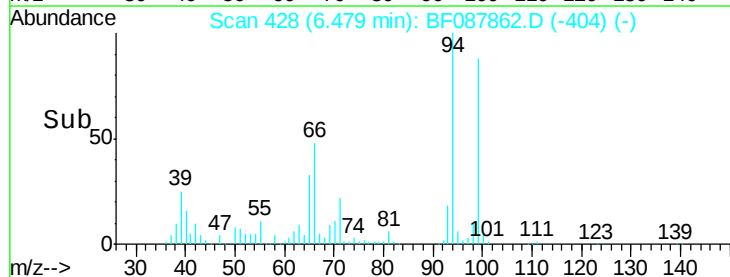
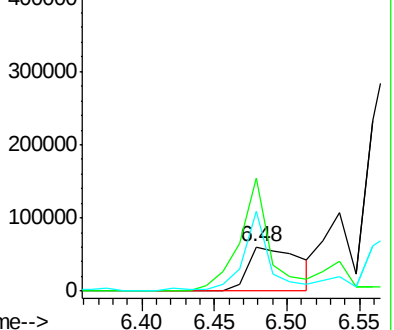
65 181.3 14.9 22.3#

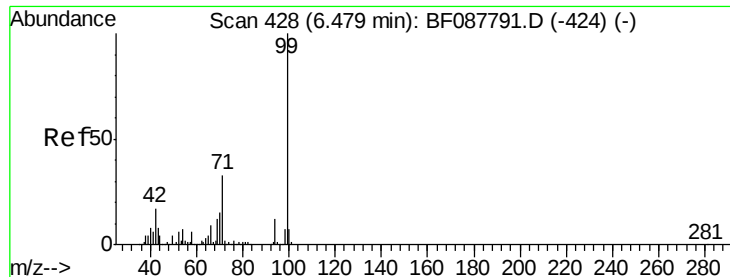


Abundance Ion 93.00 (92.70 to 93.70): BF0

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

Instrument :

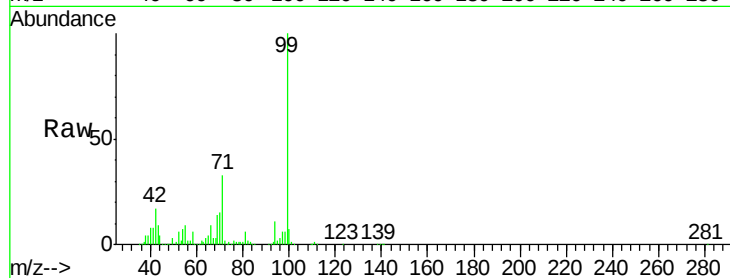
BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

Tot Ion: 99 Resp: 1111387

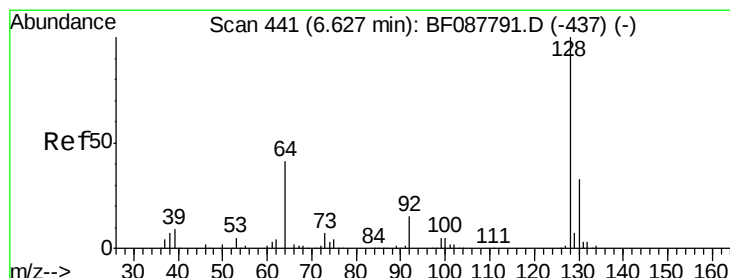
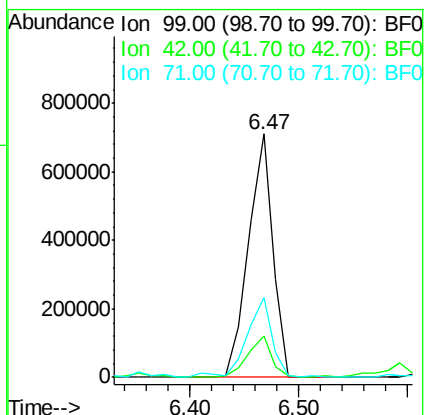
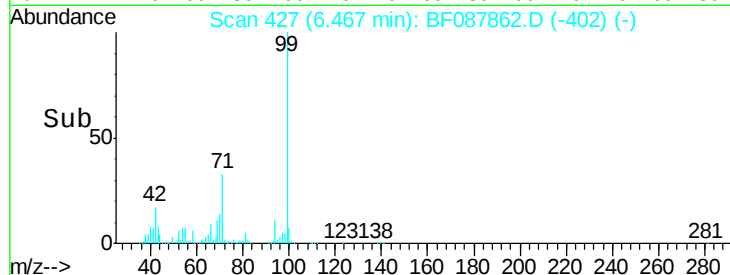
Ion	Ratio	Lower	Upper
99	100		
42	16.8	12.2	18.2
71	32.9	23.4	35.0



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

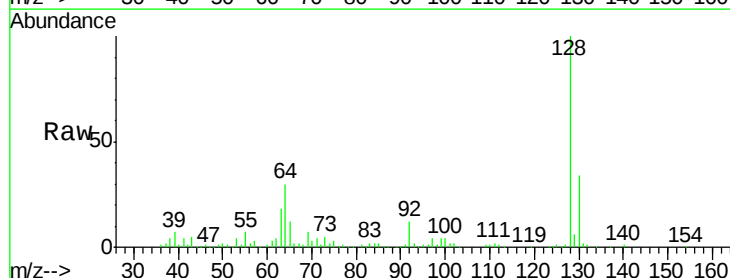
Delta R.T. -0.01 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

Tgt Ion:128 Resp: 307112

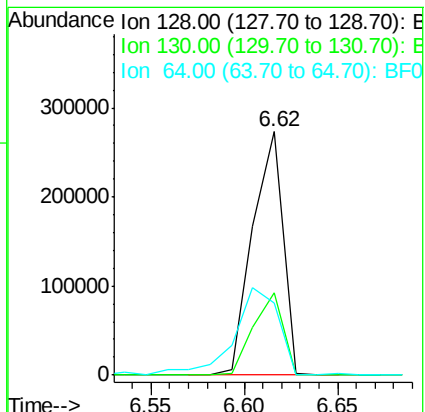
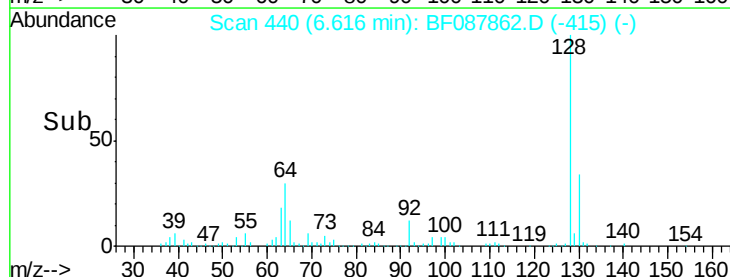
Ion	Ratio	Lower	Upper
128	100		
130	33.9	12.0	52.0
64	29.7	30.8	70.8#

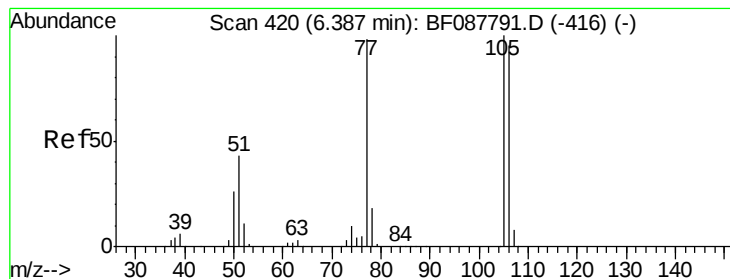


Abundance Ion 128.00 (127.70 to 128.70): E

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

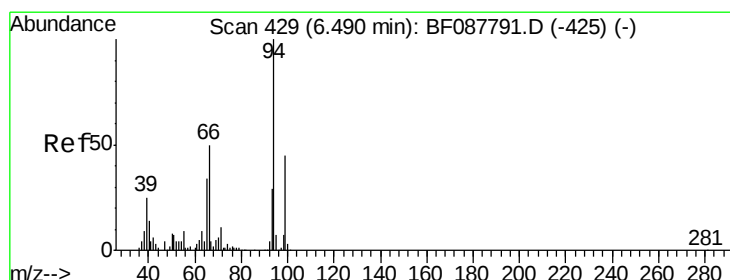
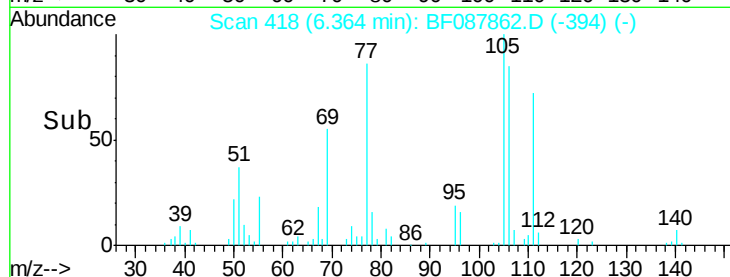
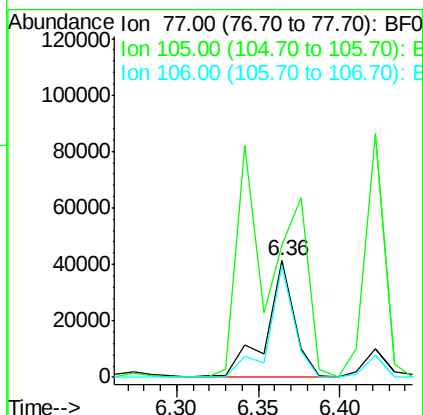
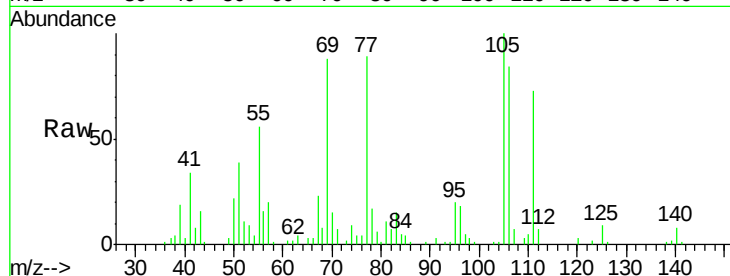
Tot Ion: 77 Resp: 48712

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

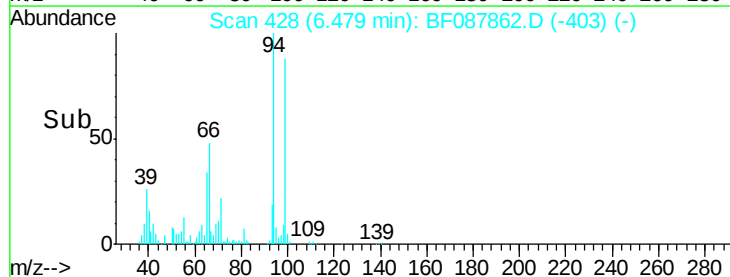
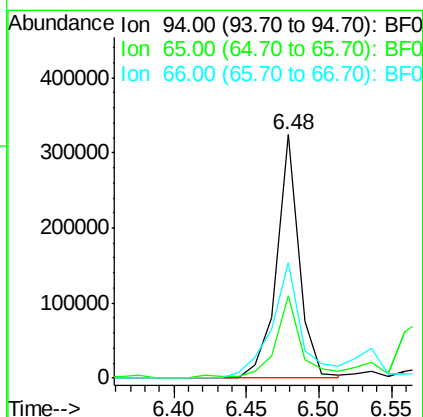
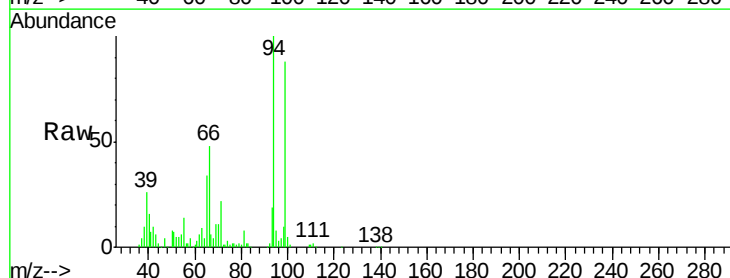
Tgt Ion: 94 Resp: 348388

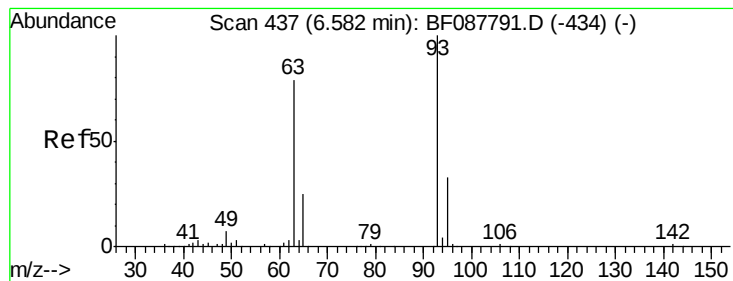
Ion Ratio Lower Upper

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

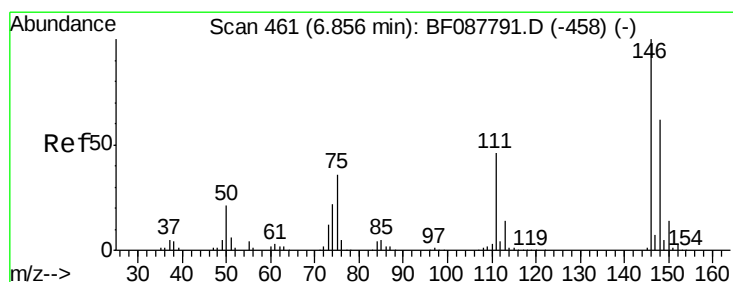
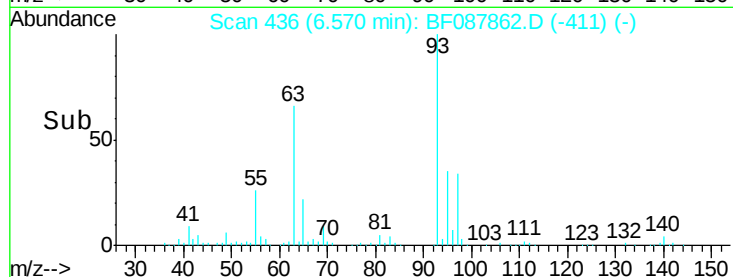
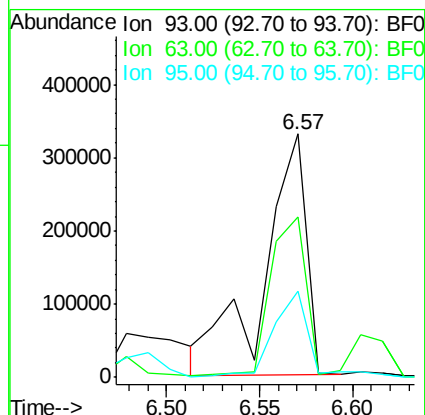
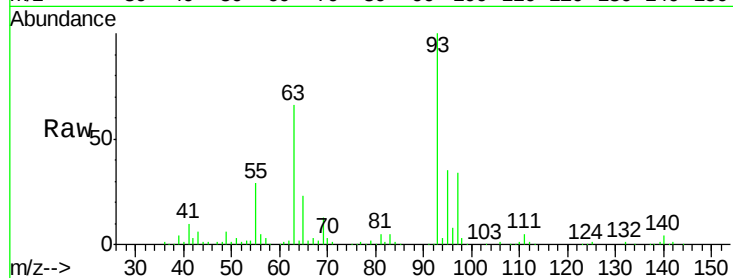
Tot Ion: 93 Resp: 516781

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

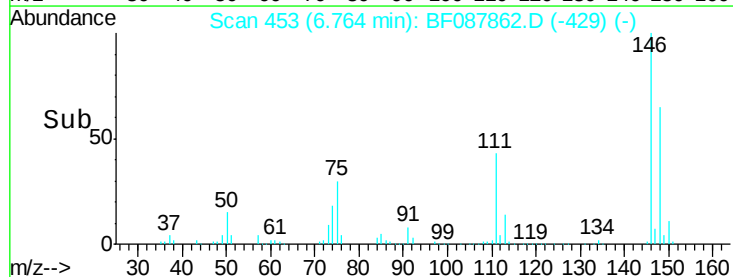
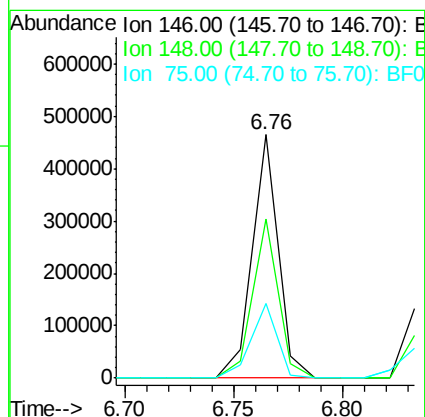
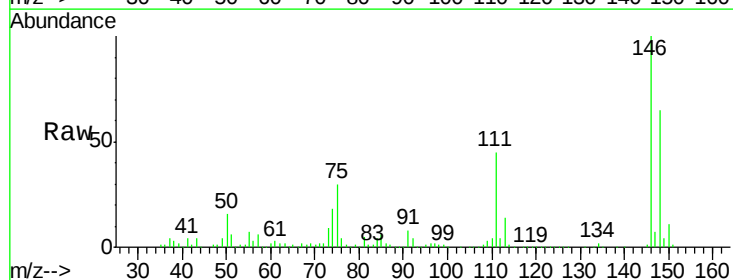
Tgt Ion: 146 Resp: 384709

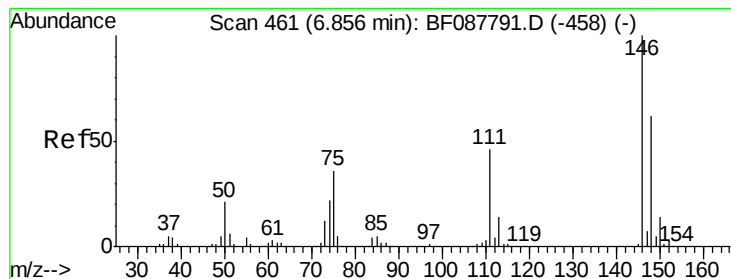
Ion Ratio Lower Upper

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

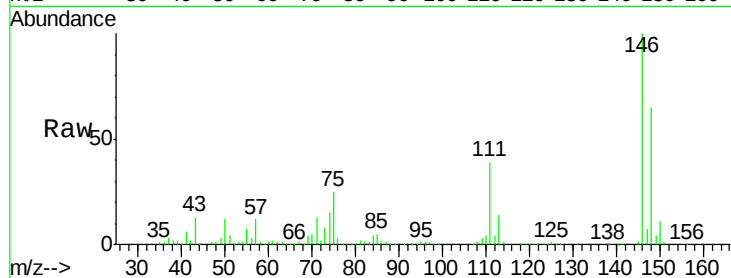
Tot Ion:146 Resp: 427952

Ion Ratio Lower Upper

146 100

148 65.2 52.0 78.0

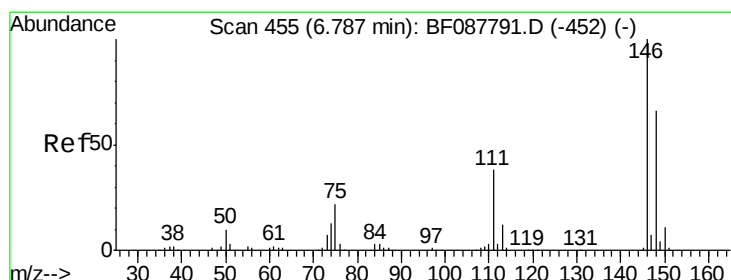
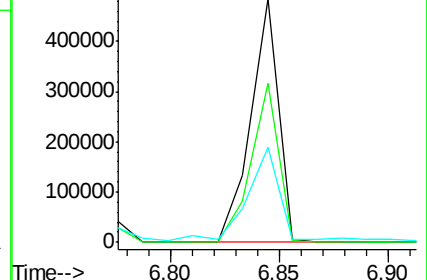
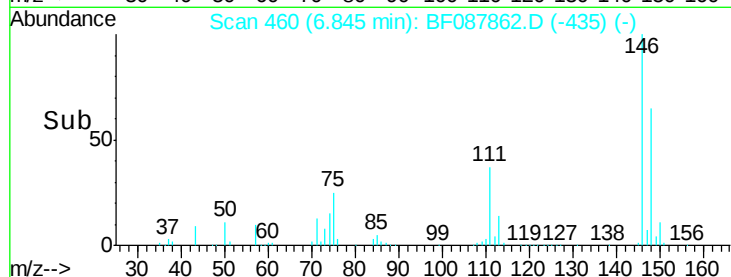
111 39.2 33.8 50.8



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: 40.81 ng m

RT: 6.99 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

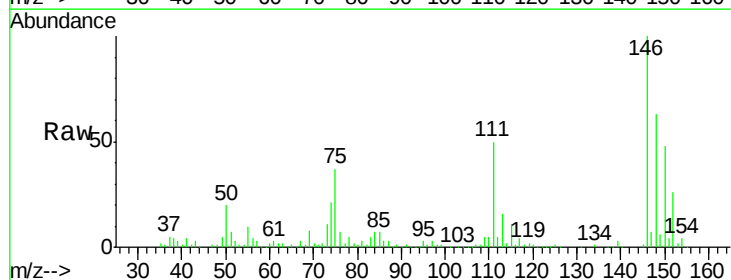
Tgt Ion:146 Resp: 353126

Ion Ratio Lower Upper

146 100

148 62.9 52.3 78.5

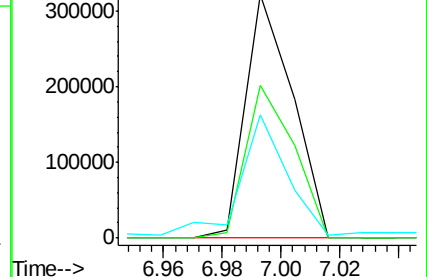
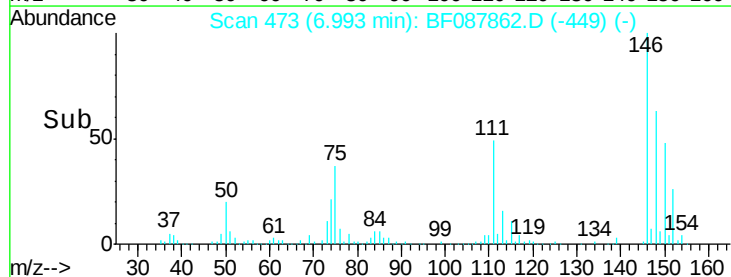
111 50.5 28.7 43.1#

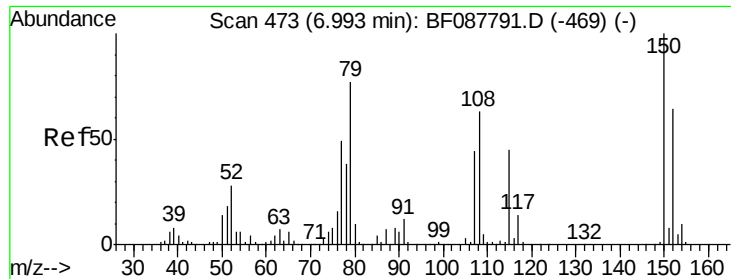


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

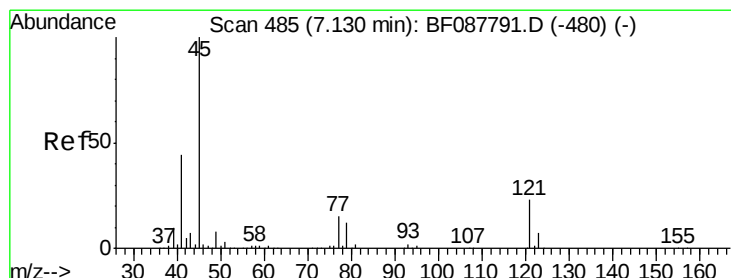
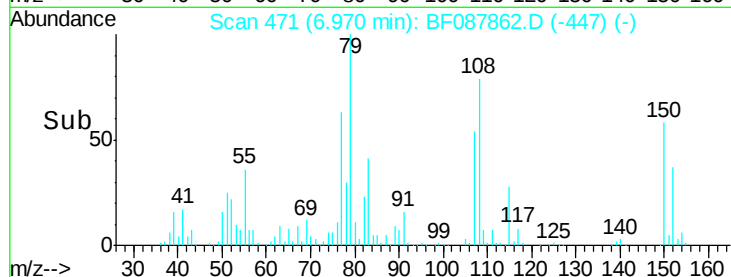
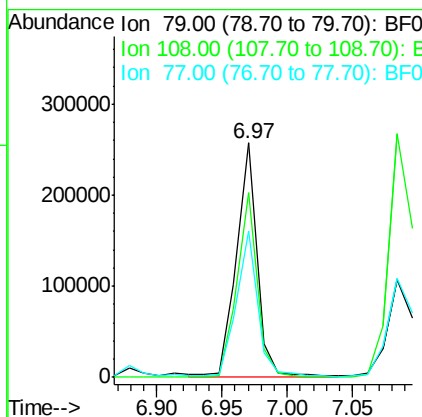
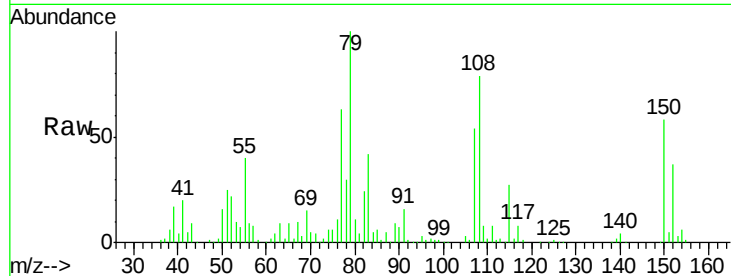




#15
Benzyl Alcohol
Concen: 39.76 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

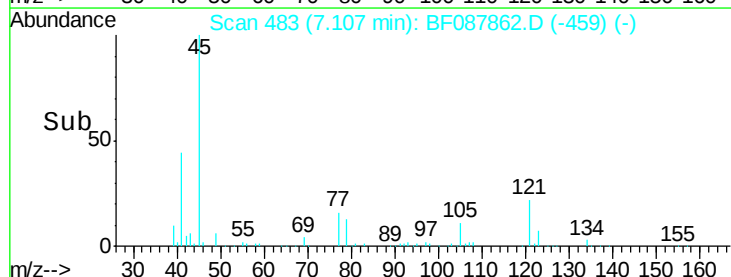
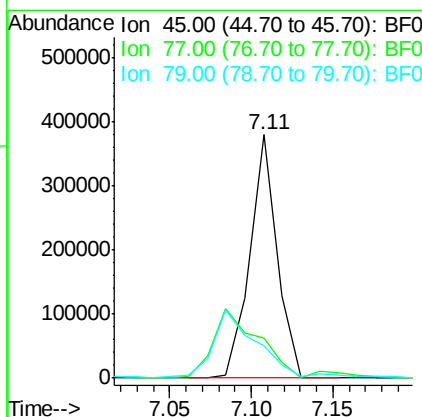
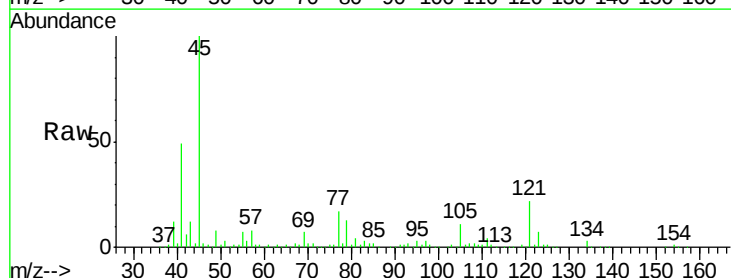
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

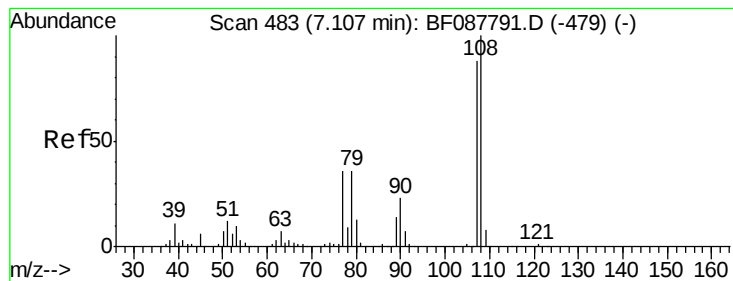
Tot Ion: 79 Resp: 280413
Ion Ratio Lower Upper
79 100
108 79.0 65.0 97.6
77 62.6 50.3 75.5



#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

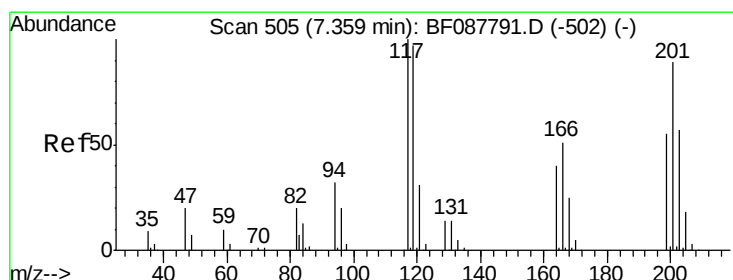
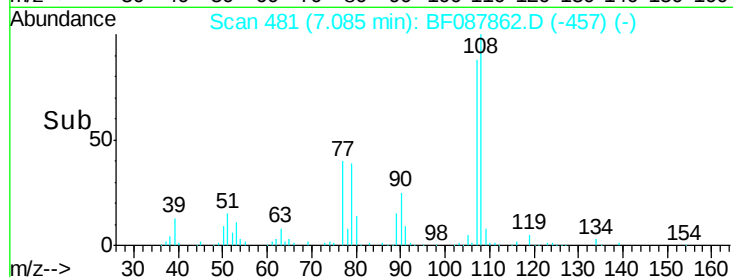
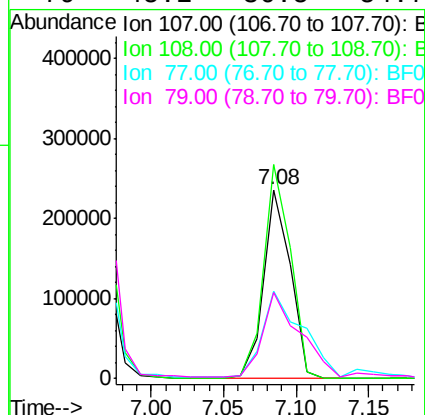
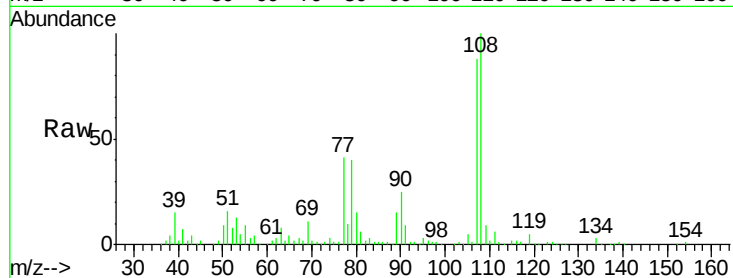




#17
2-Methylphenol
Concen: 42.14 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

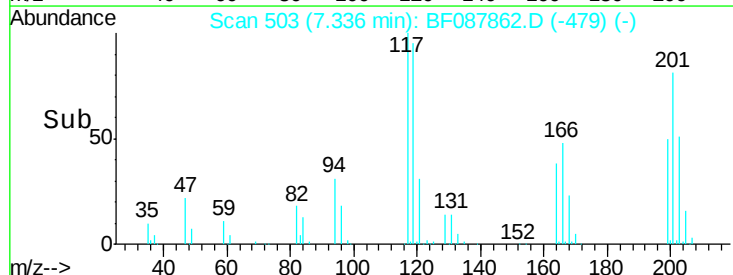
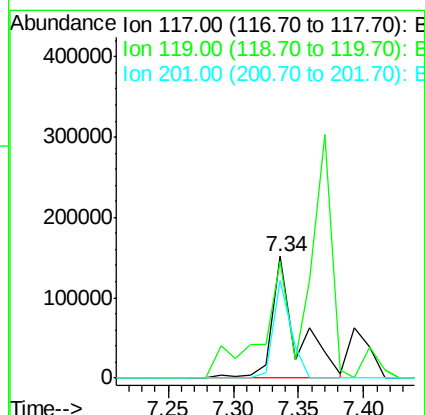
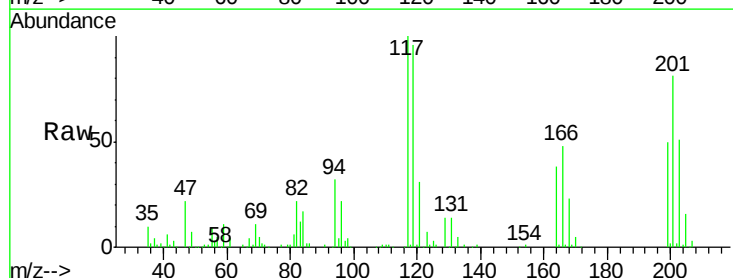
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

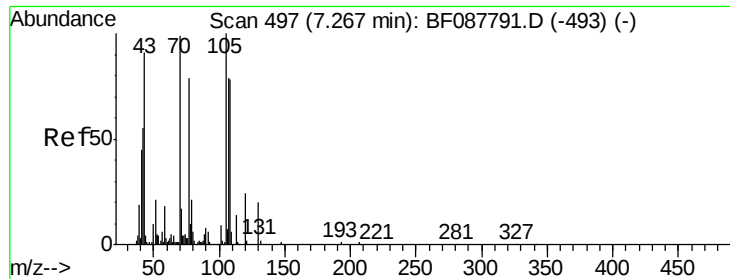
Tot Ion:107 Resp: 300887
Ion Ratio Lower Upper
107 100
108 113.2 90.9 136.3
77 46.0 36.6 55.0
79 45.2 36.5 54.7



#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

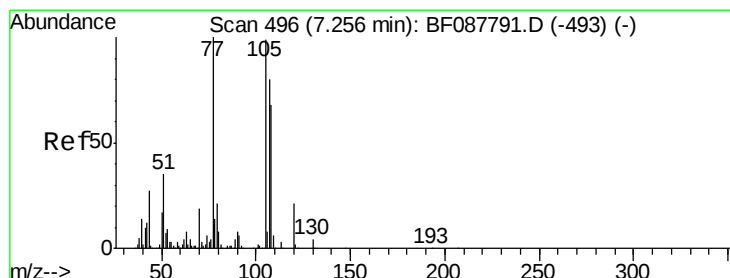
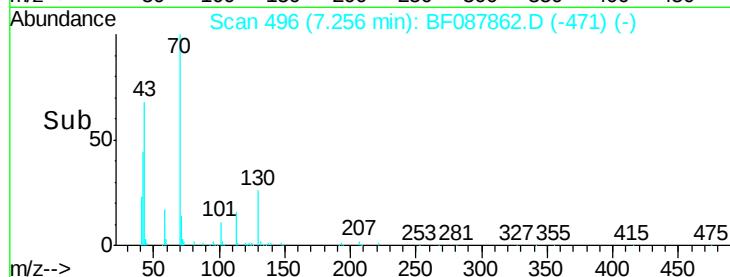
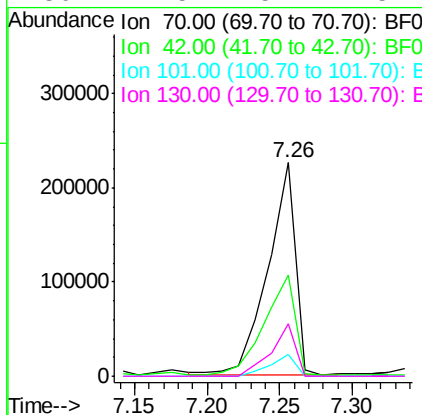
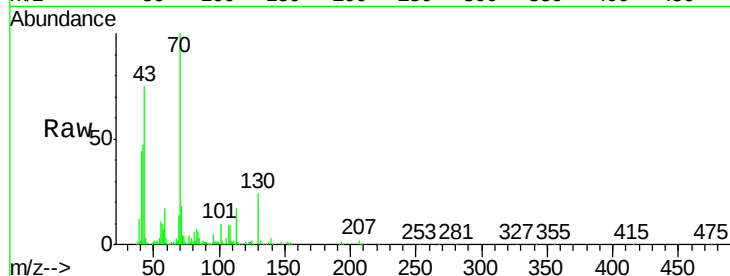




#19
n-Nitroso-di-n-propylamine
Concen: 51.50 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

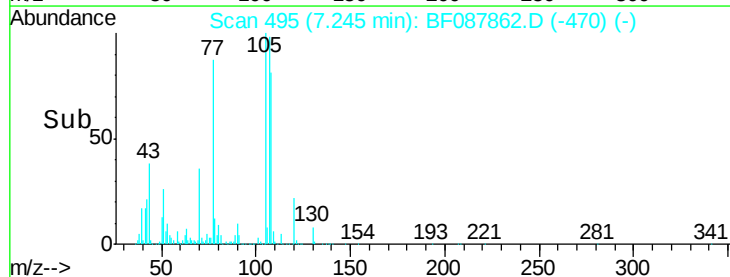
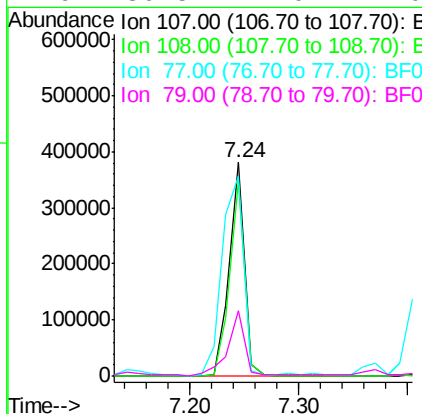
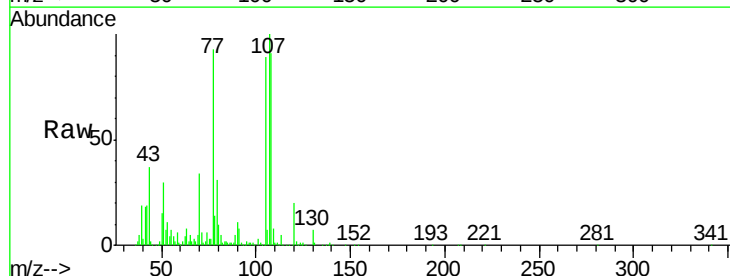
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

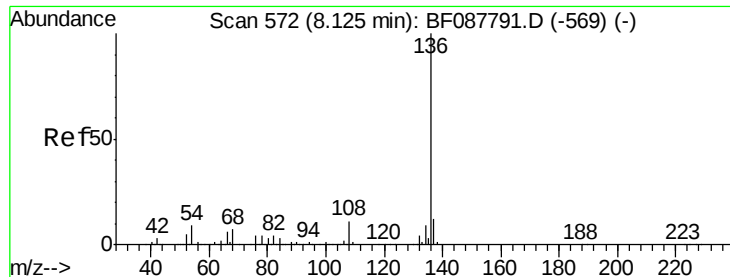
Tot Ion: 70 Resp: 296977
Ion Ratio Lower Upper
70 100
42 47.2 49.6 74.4#
101 10.1 7.1 10.7
130 24.5 15.4 23.2#



#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

Tot Ion:136 Resp: 498896

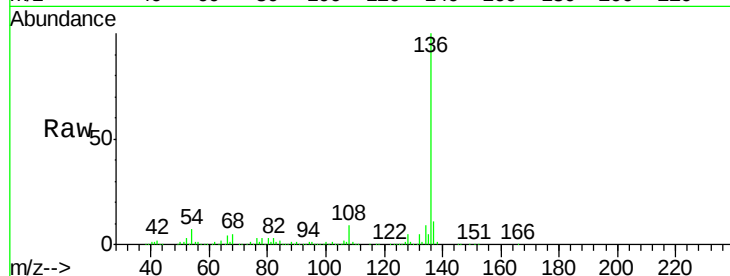
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.5 6.6 10.0#

68 5.4 5.1 7.7

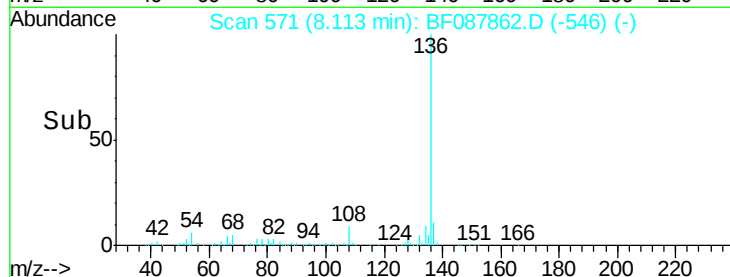


Abundance Ion 136.00 (135.70 to 136.70): E

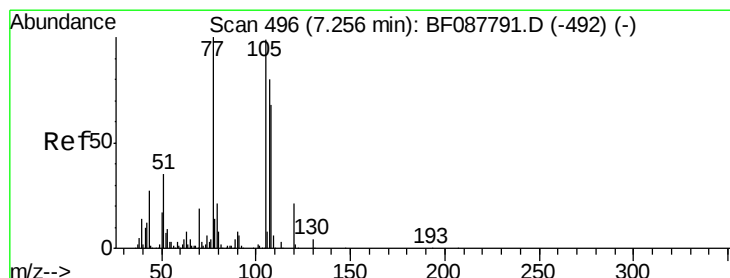
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#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

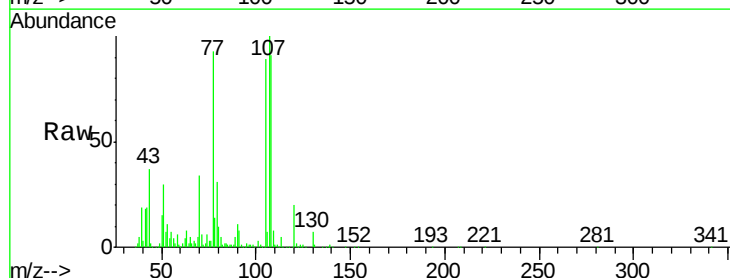
Ion Ratio Lower Upper

105 100

71 6.9 5.3 7.9

51 33.8 18.2 27.4#

120 22.5 18.0 27.0

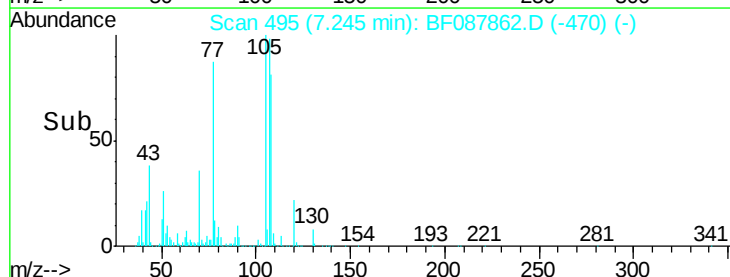


Abundance Ion 105.00 (104.70 to 105.70): E

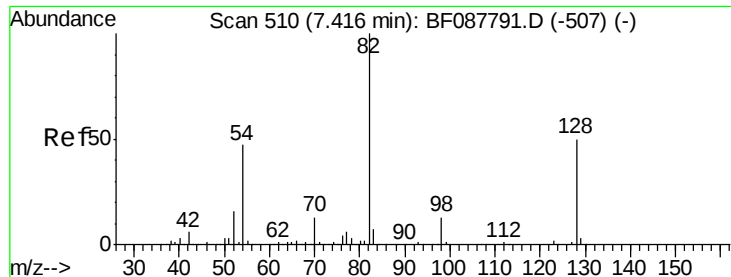
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



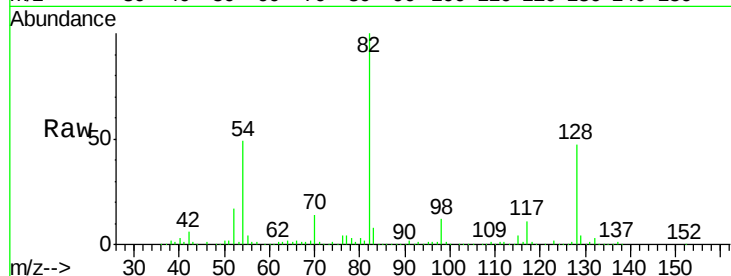
Time-->



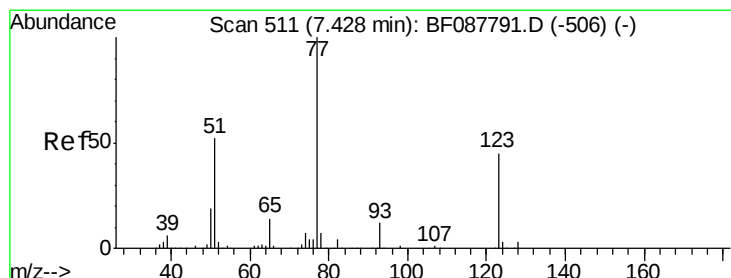
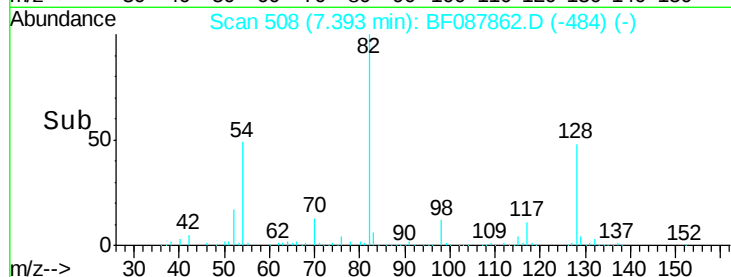
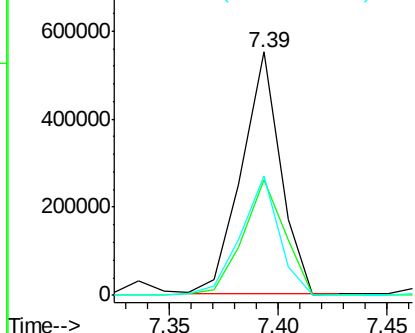
#23
 Nitrobenzene-d5
 Concen: 80.13 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

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

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

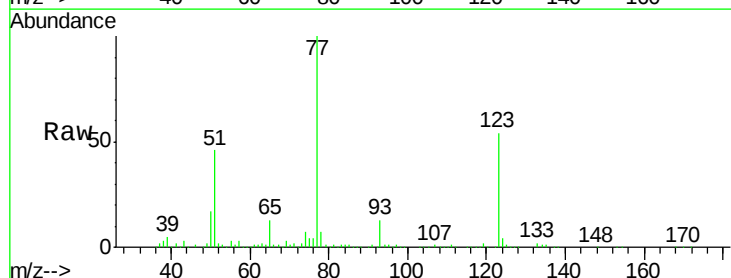


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

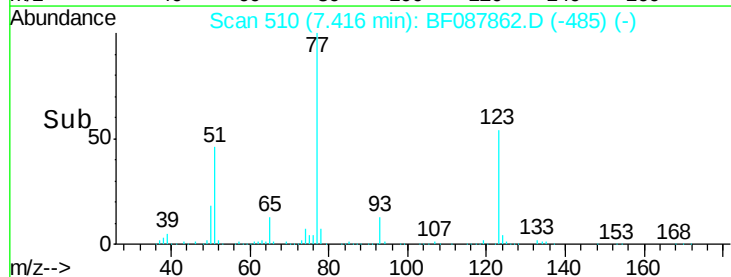
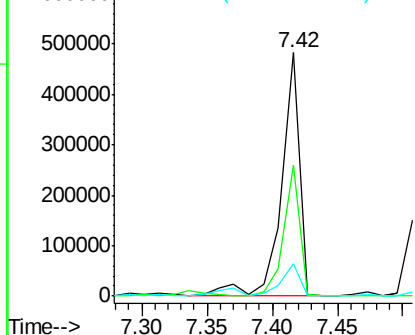


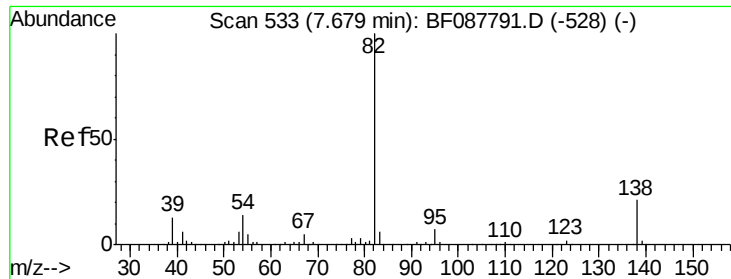
#24
 Nitrobenzene
 Concen: 56.53 ng
 RT: 7.42 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

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): BF0
 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

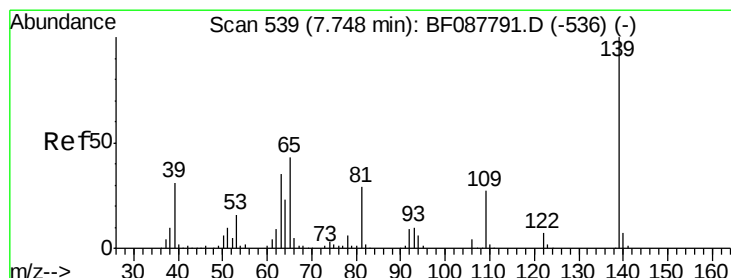
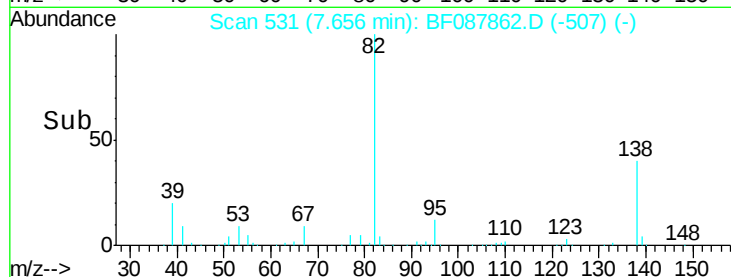
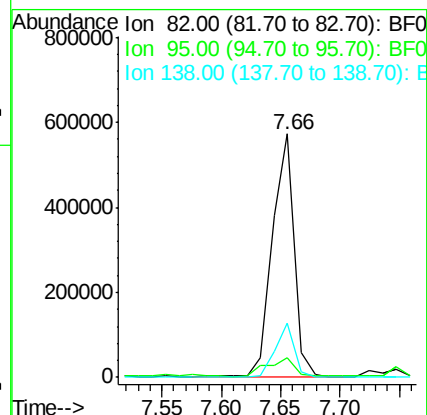
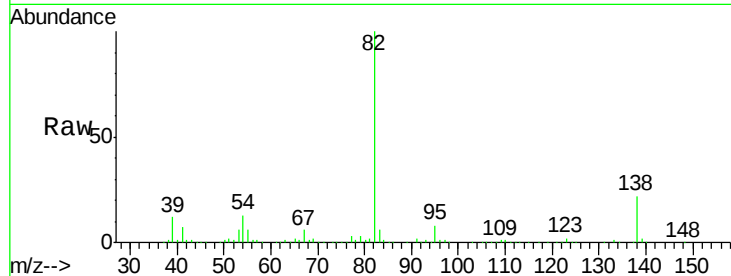
Tot Ion: 82 Resp: 729909

Ion Ratio Lower Upper

82 100

95 7.9 5.4 8.2

138 22.4 14.6 21.8#



#26

2-Nitrophenol

Concen: 23.30 ng m

RT: 7.72 min Scan# 537

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

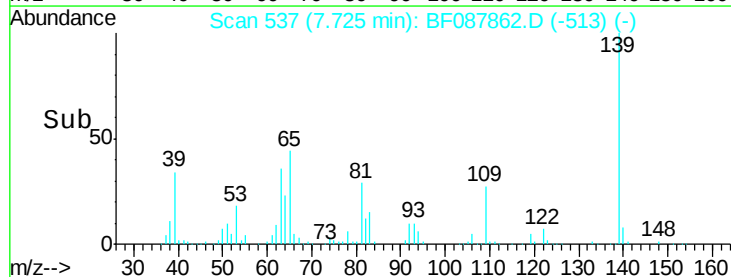
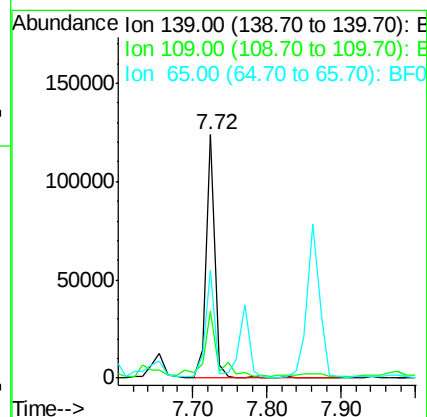
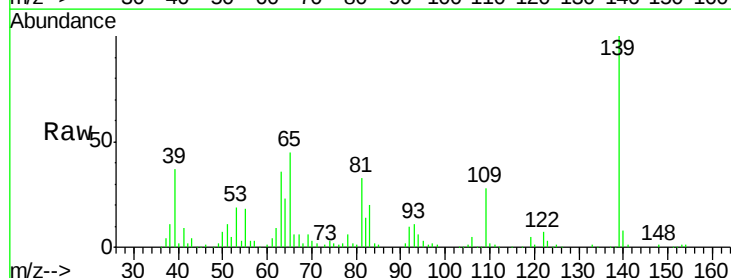
Tgt Ion: 139 Resp: 103295

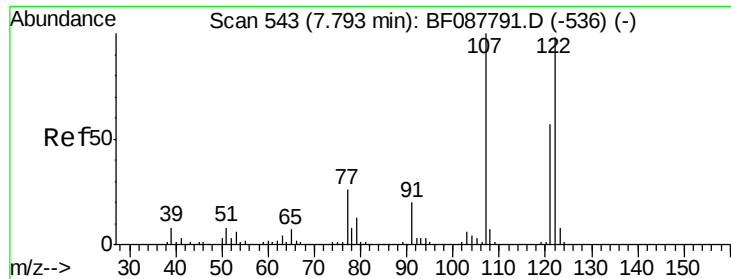
Ion Ratio Lower Upper

139 100

109 27.6 23.0 34.4

65 44.6 45.8 68.8#

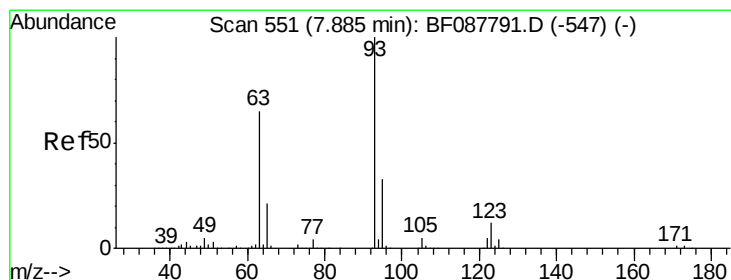
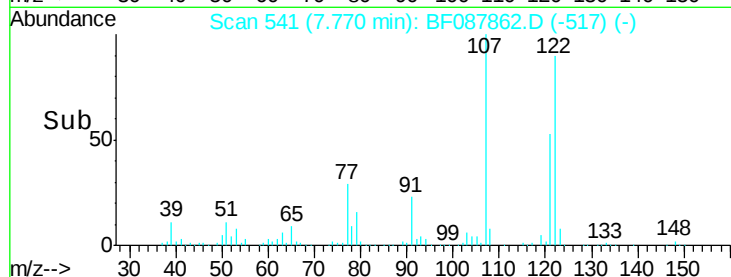
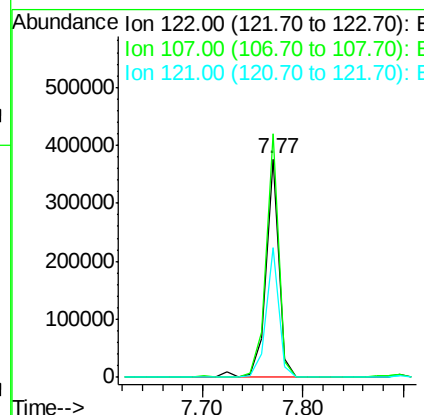
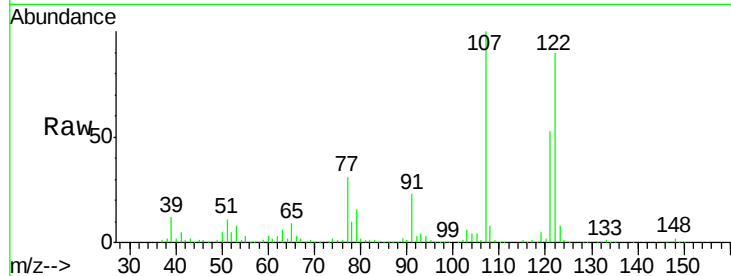




#27
 2,4-Dimethylphenol
 Concen: 41.41 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

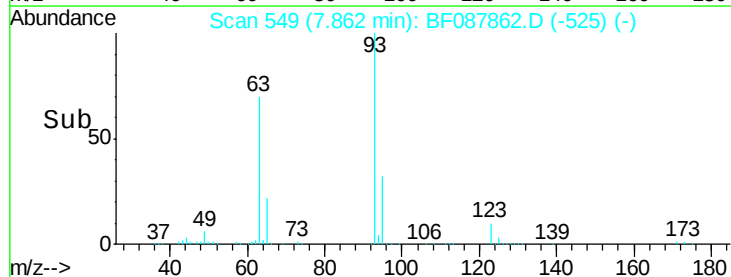
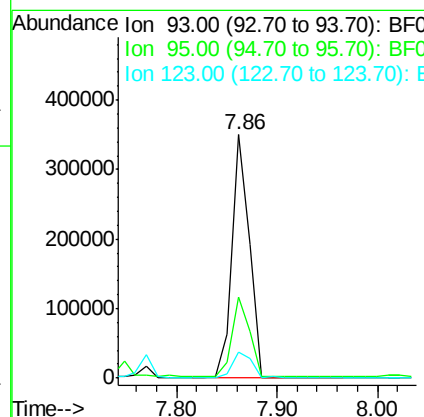
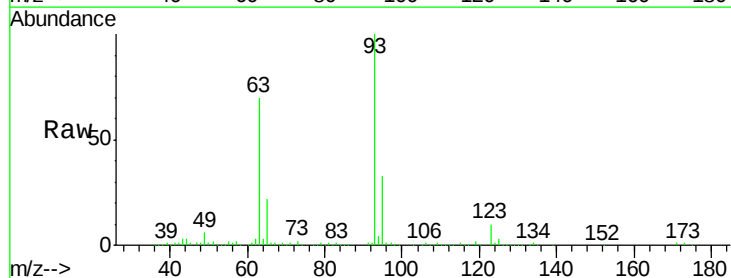
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMSD

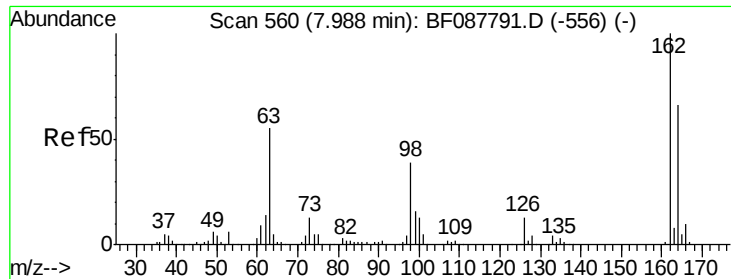
Tot Ion:122 Resp: 338044
 Ion Ratio Lower Upper
 122 100
 107 111.5 82.4 123.6
 121 59.1 46.3 69.5



#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#

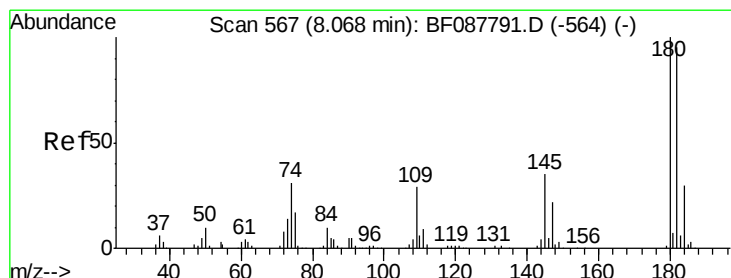
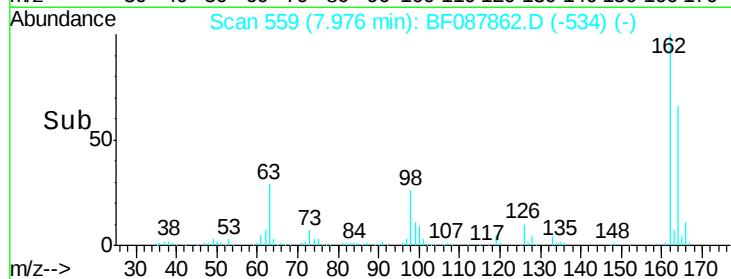
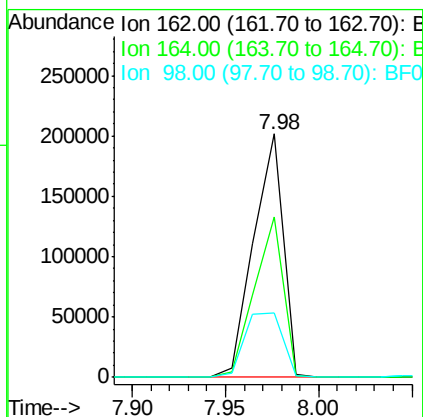
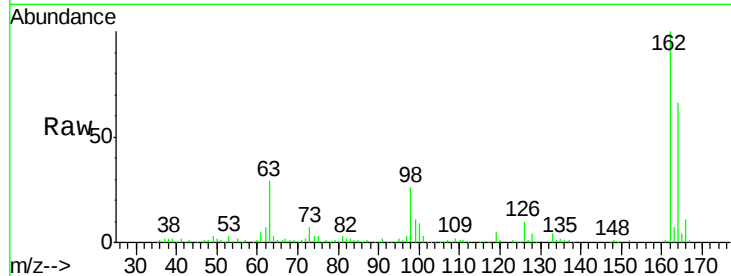




#29
 2,4-Dichlorophenol
 Concen: 32.51 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

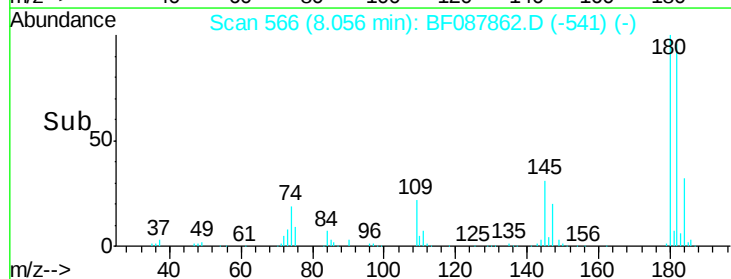
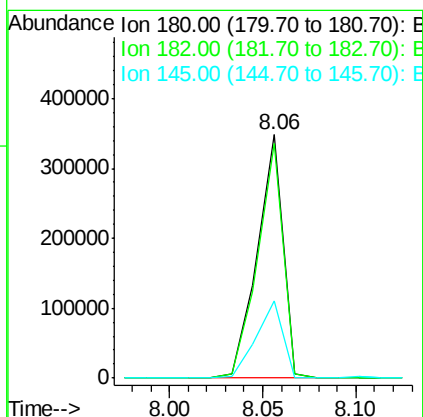
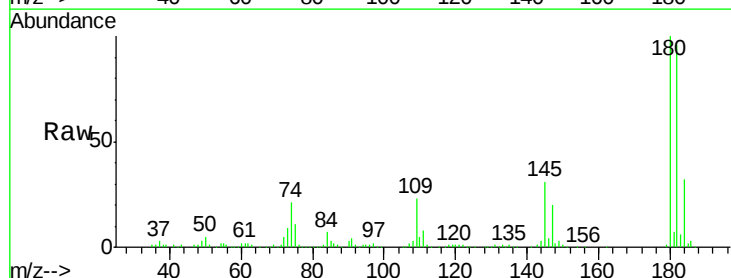
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMSD

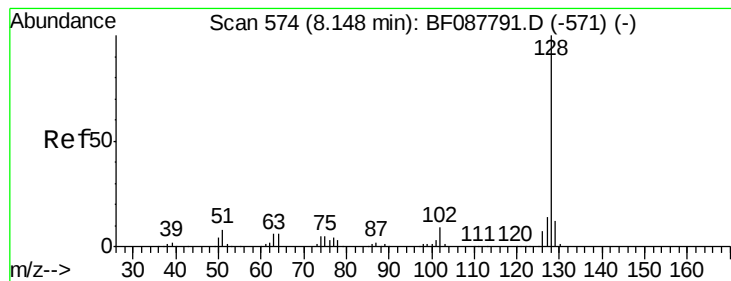
Tot Ion:162 Resp: 221565
 Ion Ratio Lower Upper
 162 100
 164 65.7 43.8 83.8
 98 26.3 21.3 61.3



#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

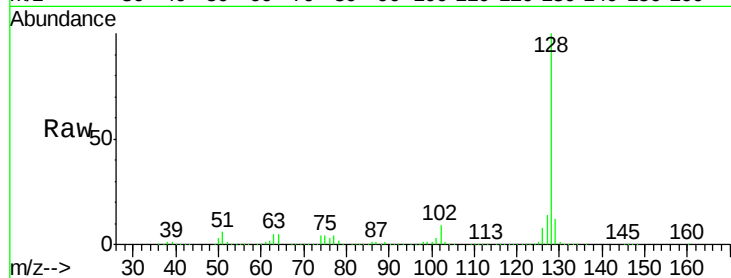
Tot Ion:128 Resp: 1183148

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

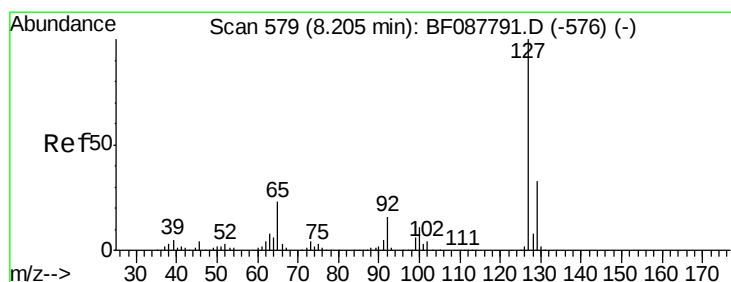
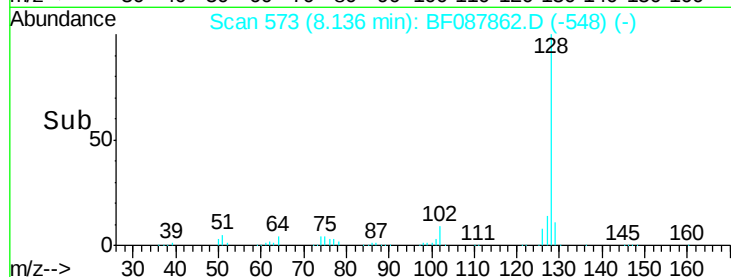
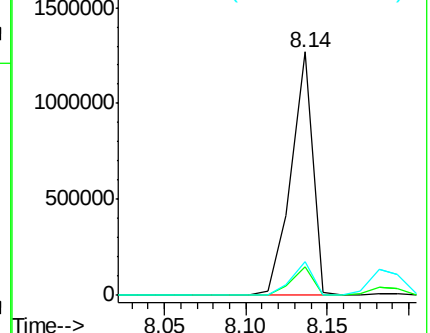
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#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

Tgt Ion:127 Resp: 195578

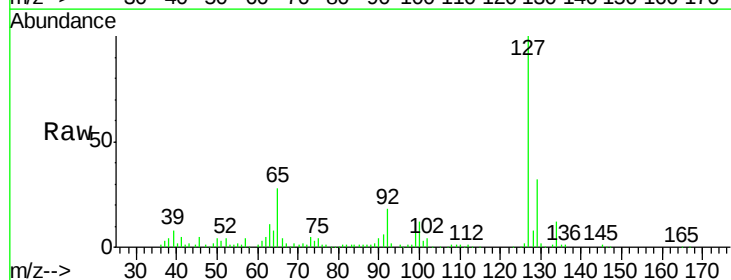
Ion Ratio Lower Upper

127 100

129 32.4 26.3 39.5

65 28.4 24.7 37.1

92 18.4 15.4 23.0

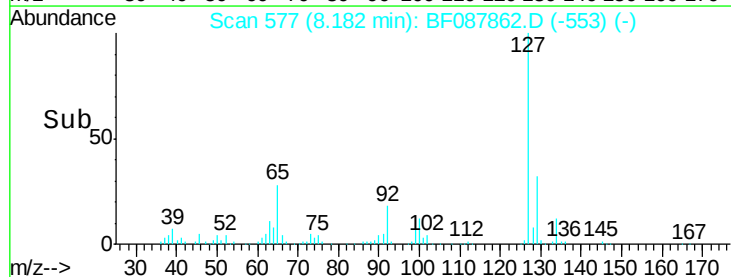
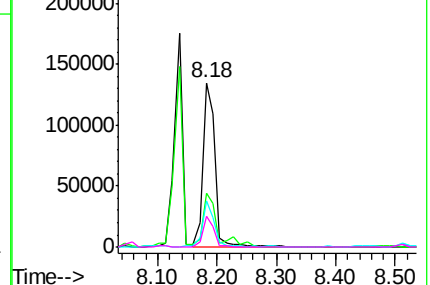


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

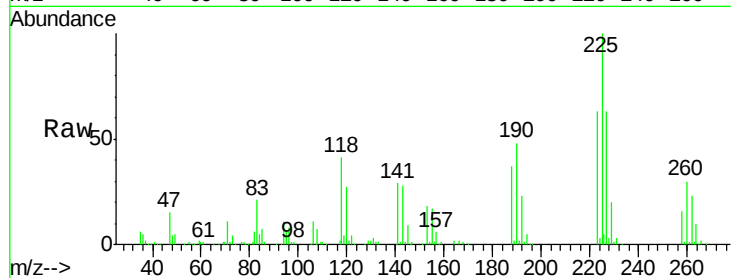




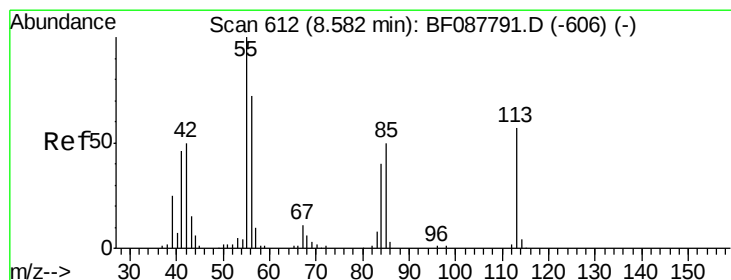
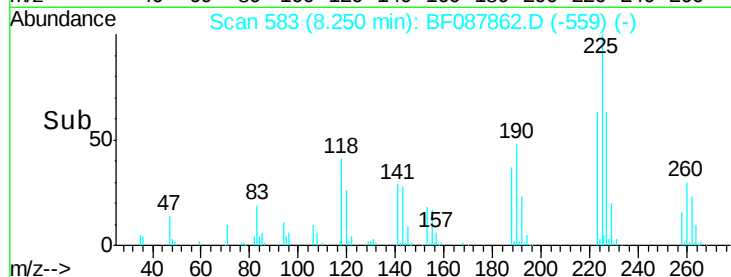
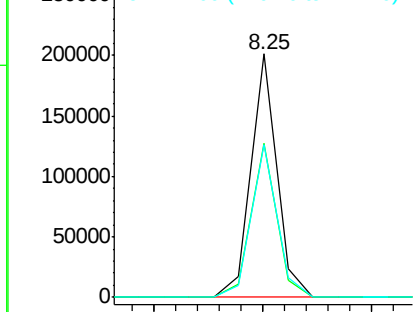
#34
Hexachlorobutadiene
Concen: 42.49 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

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

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

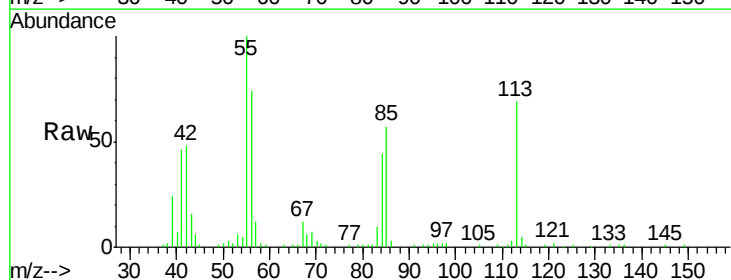


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

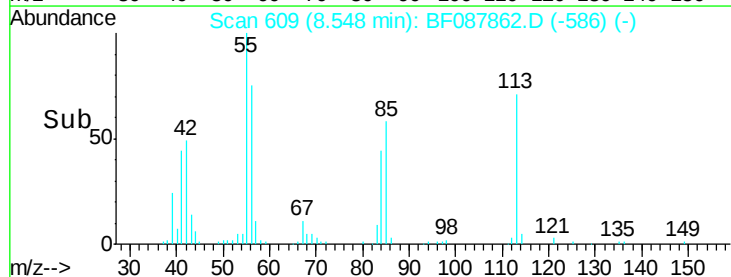
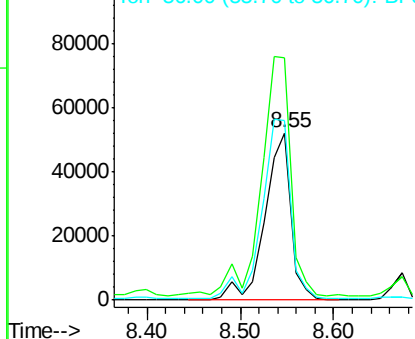


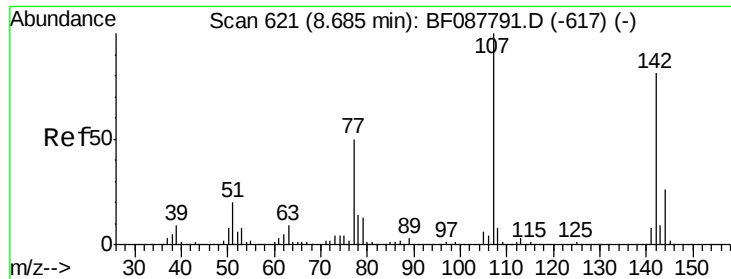
#35
Caprolactam
Concen: 45.03 ng
RT: 8.55 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

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#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

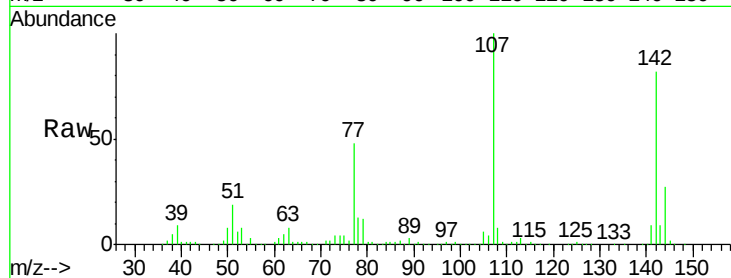




#36
 4-Chloro-3-methylphenol
 Concen: 42.36 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

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

Tot Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.8	31.2
142	82.5	63.4	95.2

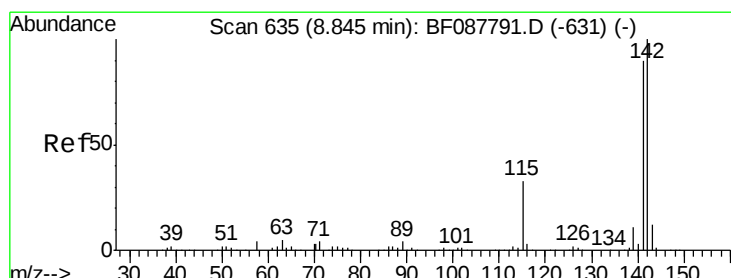
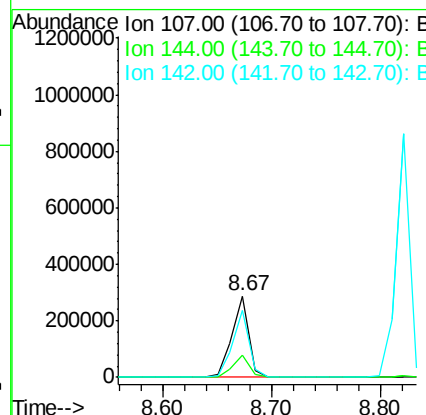
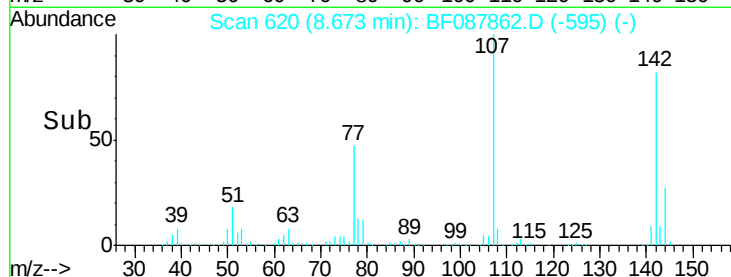


Abundance

Ion 107.00 (106.70 to 107.70): E

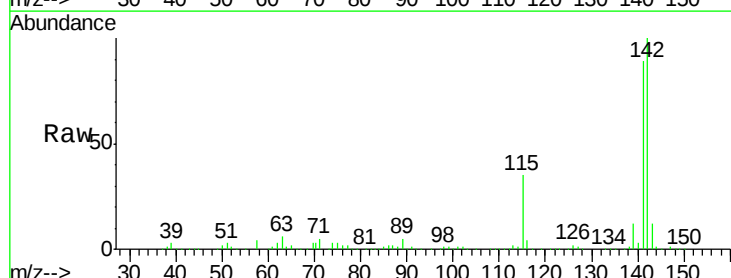
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 46.66 ng m
 RT: 8.82 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	35.3	22.6	33.8

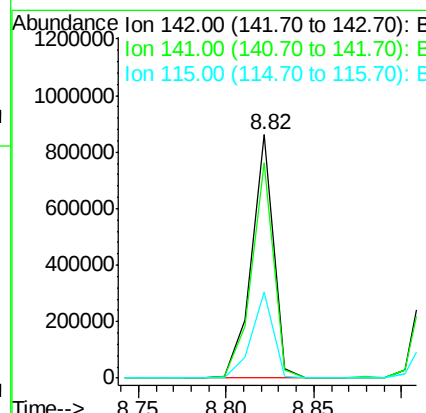
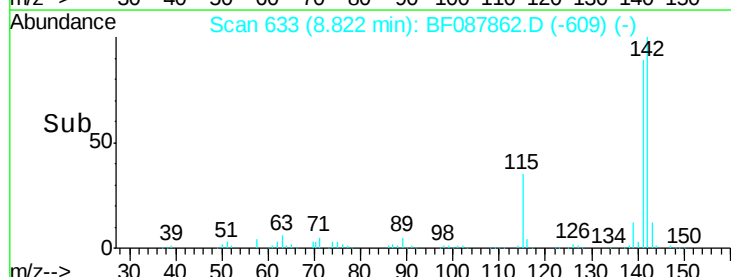


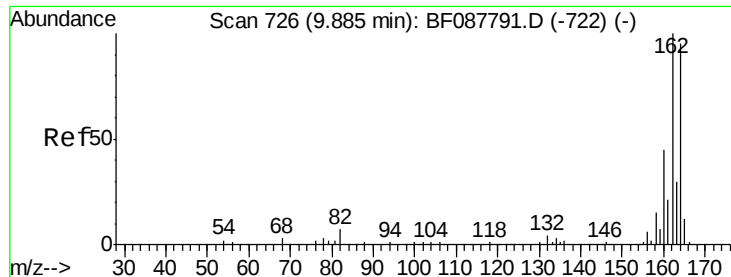
Abundance

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

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

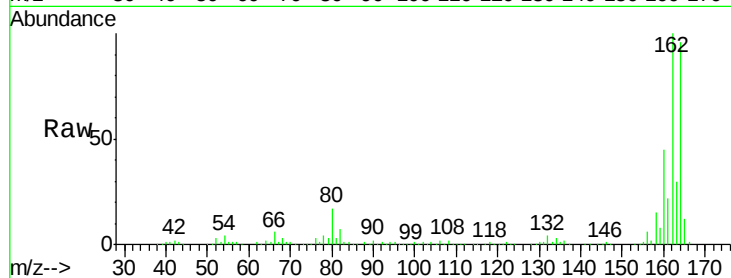
Tot Ion:164 Resp: 201578

Ion Ratio Lower Upper

164 100

162 104.4 85.4 128.2

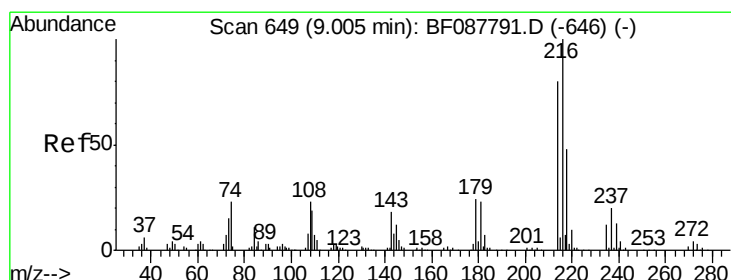
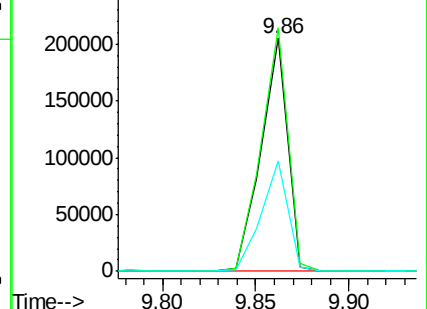
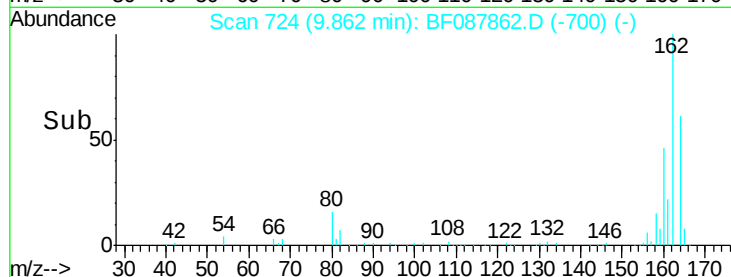
160 47.5 39.5 59.3



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

Tgt Ion:216 Resp: 276778

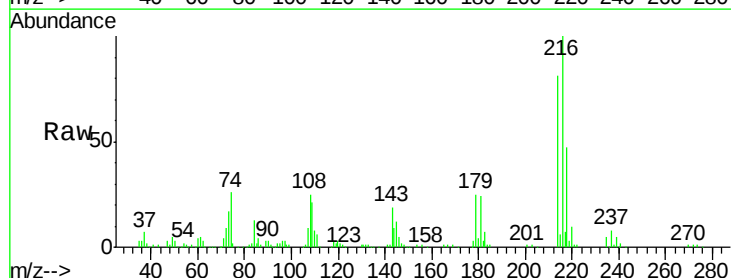
Ion Ratio Lower Upper

216 100

214 78.8 2.9 4.3#

179 21.3 0.0 0.0#

108 18.1 0.5 0.7#

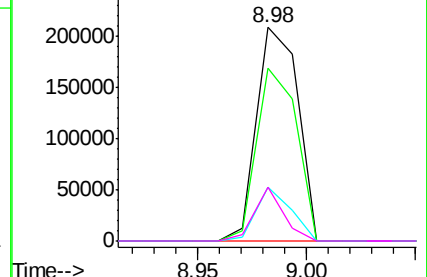
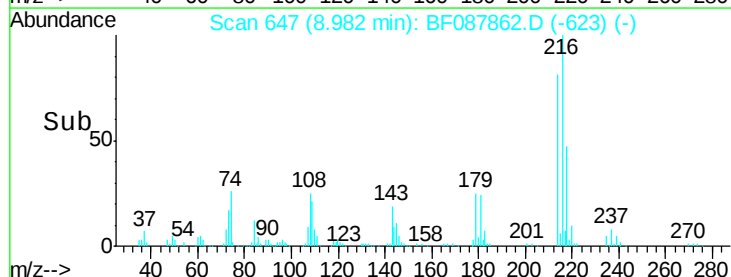


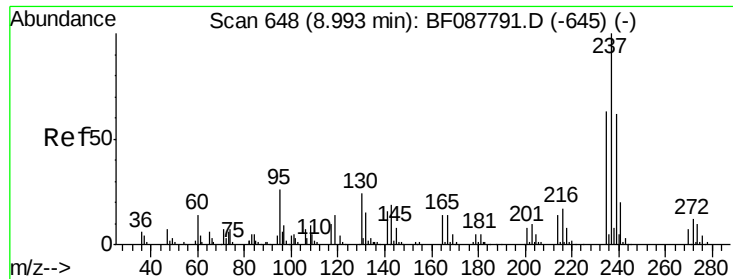
Abundance Ion 216.00 (215.70 to 216.70): E

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

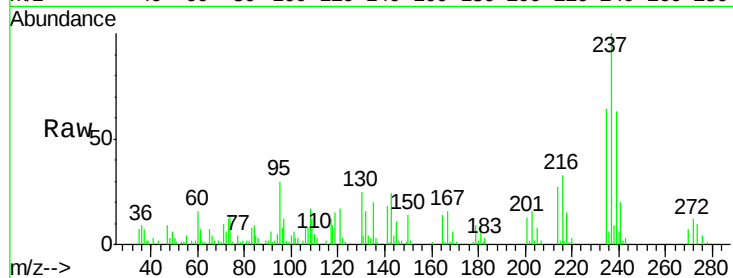




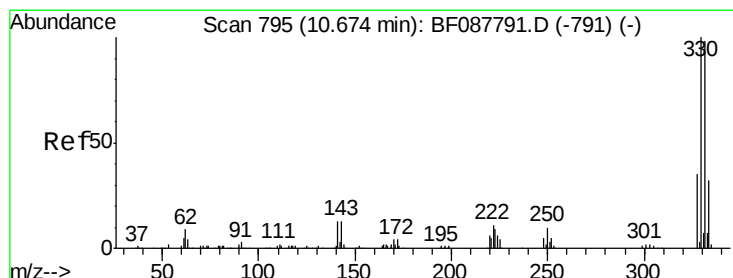
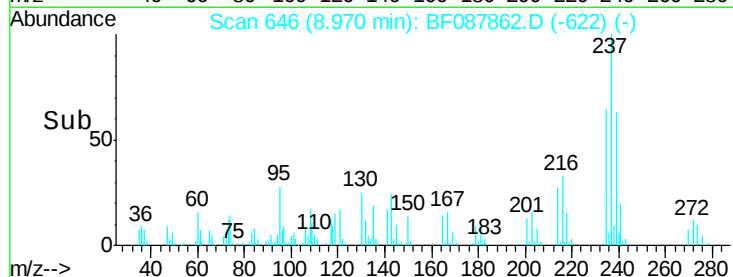
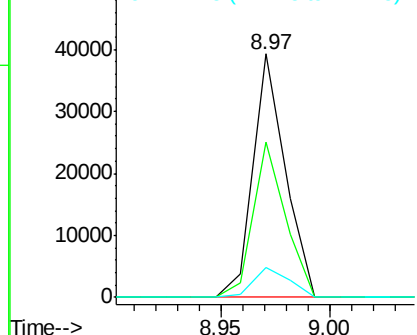
#40
Hexachlorocyclopentadiene
Concen: 12.47 ng
RT: 8.97 min Scan# 646
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

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

Tot Ion:237 Resp: 40534
Ion Ratio Lower Upper
237 100
235 63.8 43.4 83.4
272 12.5 0.0 32.3

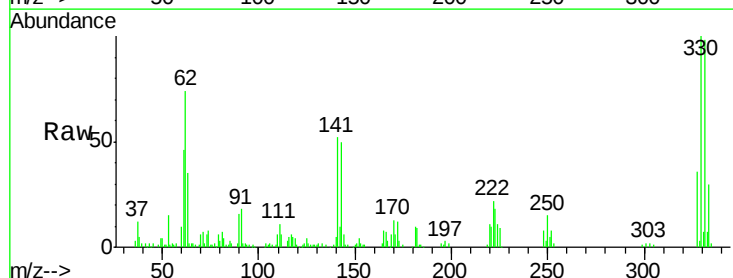


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

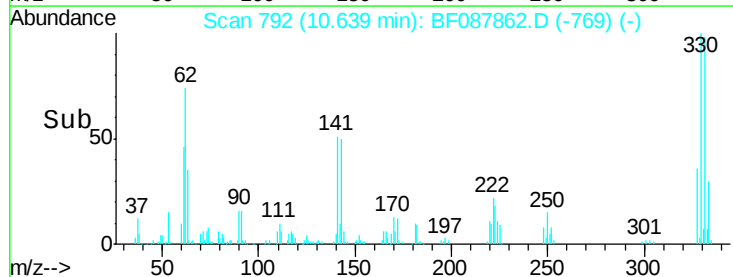
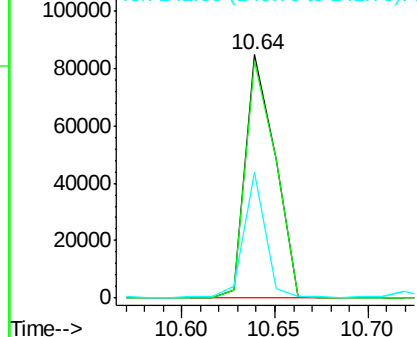


#41
2,4,6-Tribromophenol
Concen: 43.98 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.03 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

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

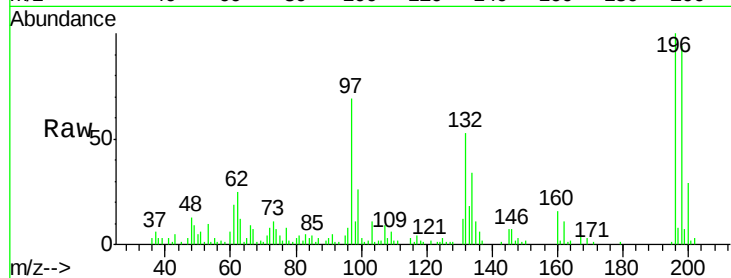




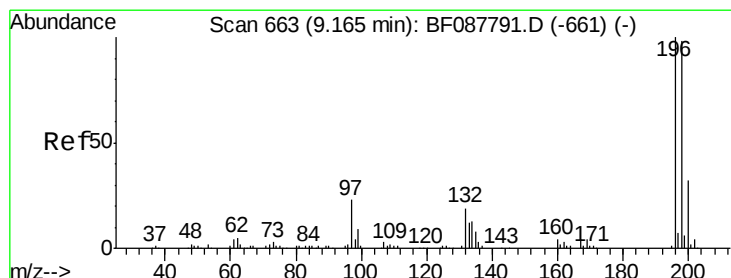
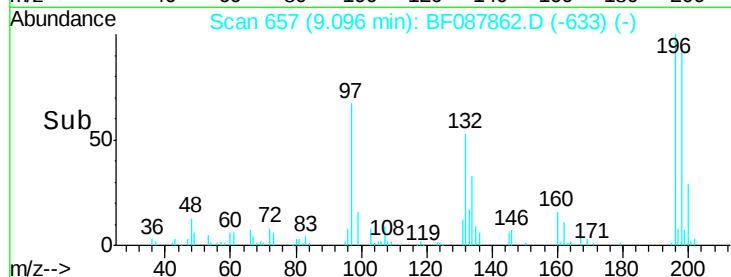
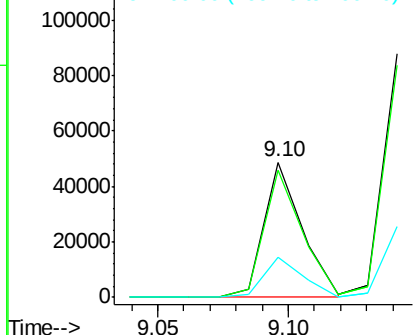
#42
 2,4,6-Trichlorophenol
 Concen: 12.20 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

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

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



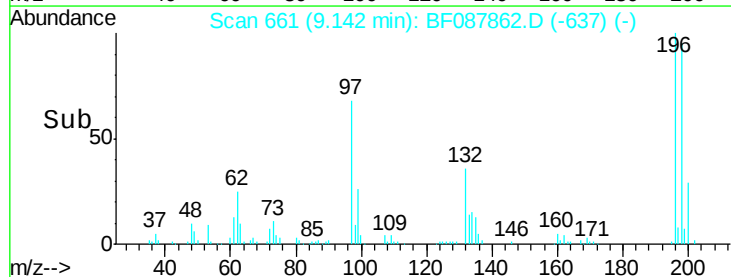
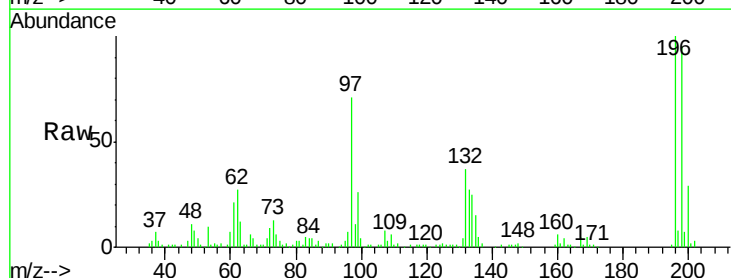
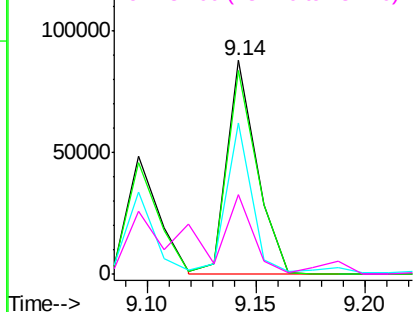
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

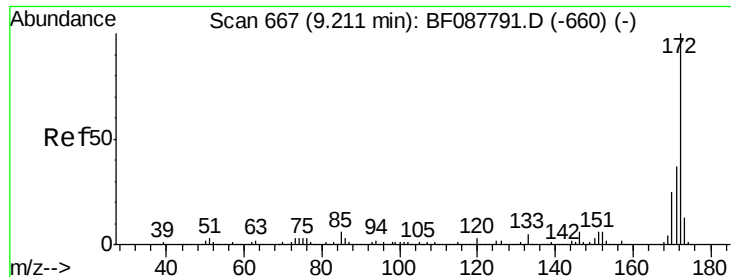


#43
 2,4,5-Trichlorophenol
 Concen: 19.77 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

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



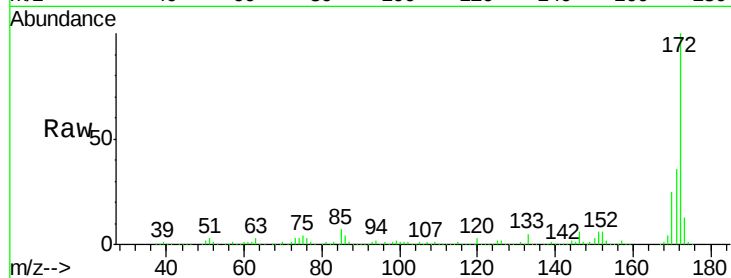


#44
 2-Fluorobiphenyl
 Concen: 87.15 ng
 RT: 9.19 min Scan# 665
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

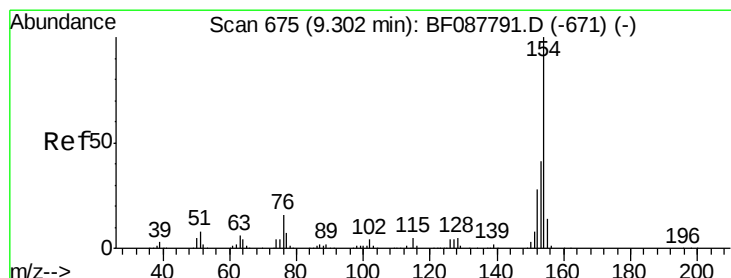
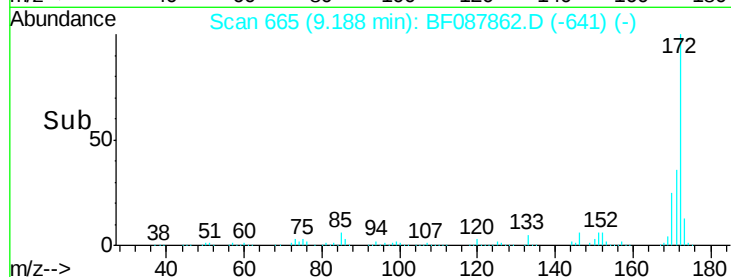
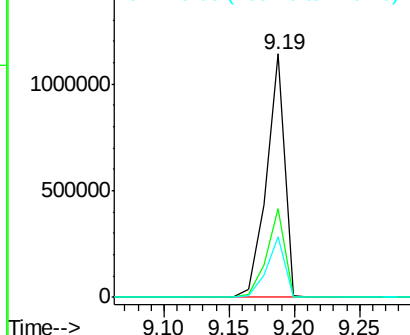
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMSD

Tot Ion:172 Resp: 1116446

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.7	19.2	28.8



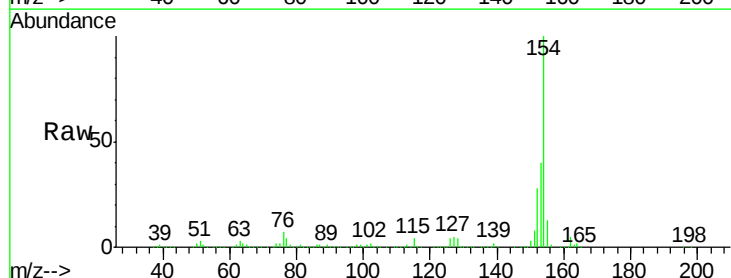
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



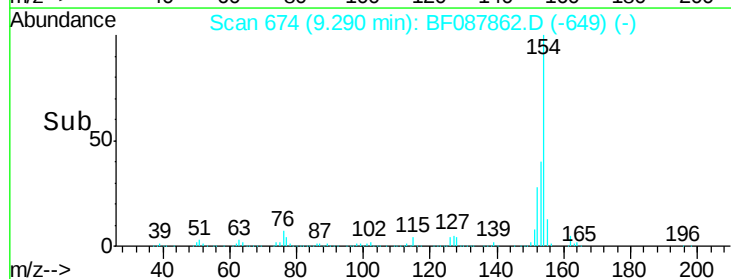
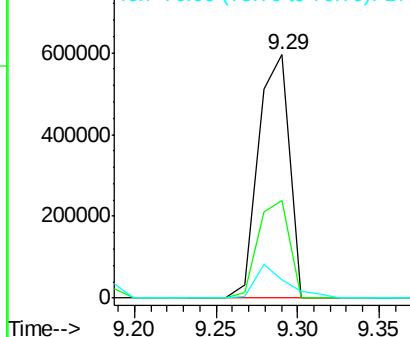
#45
 1,1'-Biphenyl
 Concen: 52.76 ng
 RT: 9.29 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

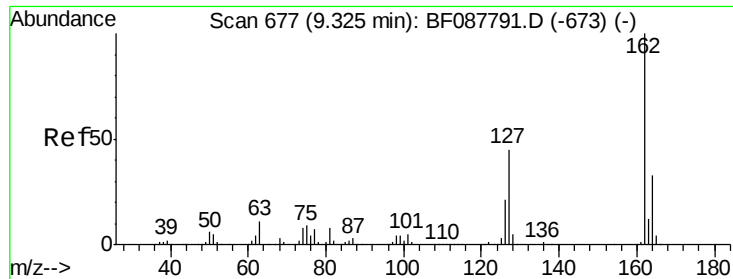
Tgt Ion:154 Resp: 782037

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

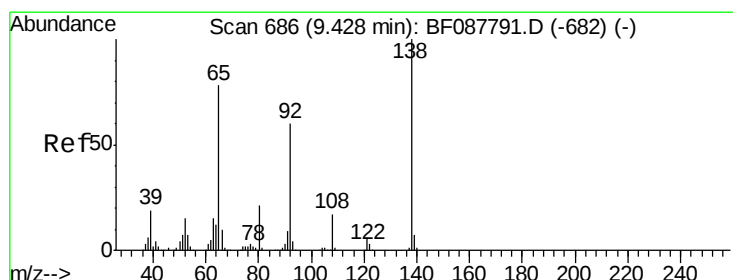
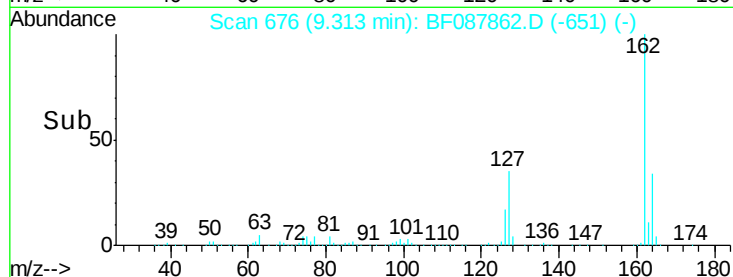
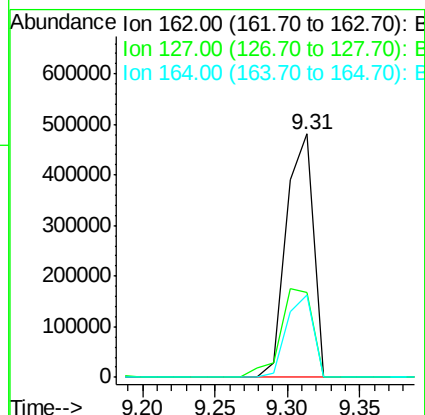
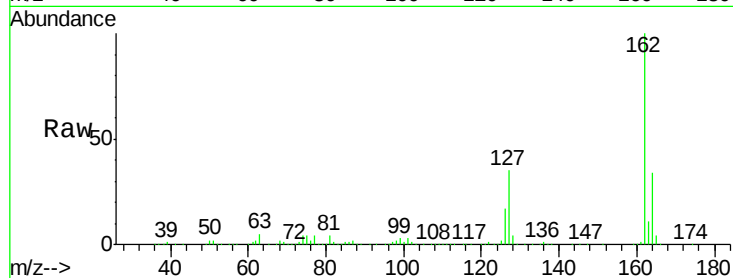




#46
 2-Chloronaphthalene
 Concen: 47.47 ng
 RT: 9.31 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

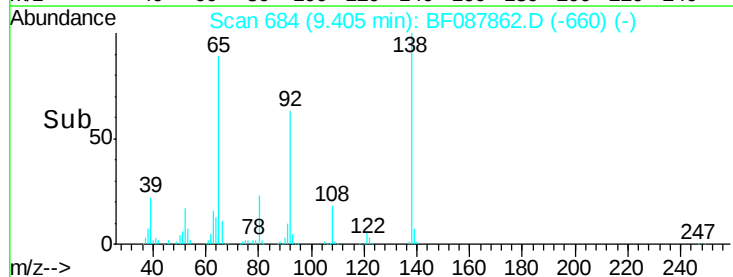
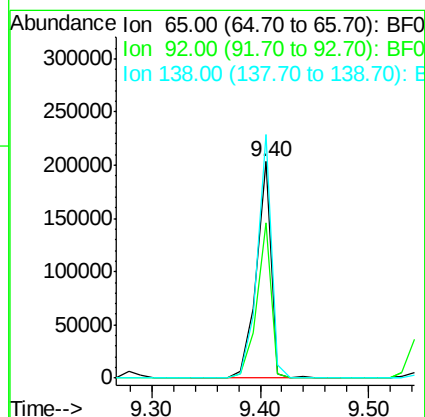
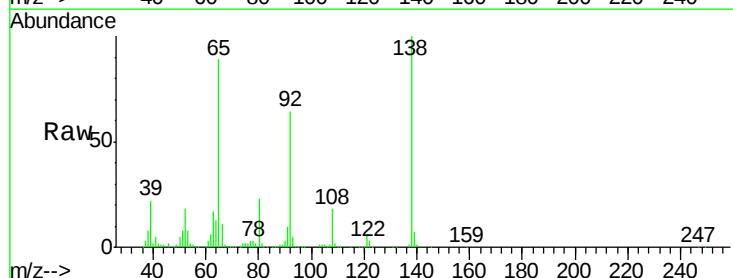
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMSD

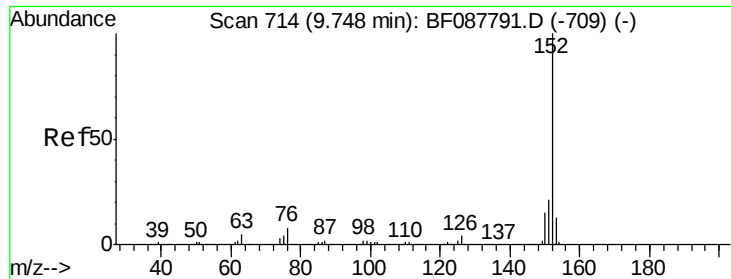
Tot Ion:162 Resp: 619227
 Ion Ratio Lower Upper
 162 100
 127 34.8 35.2 52.8#
 164 33.8 26.6 39.8



#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

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

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

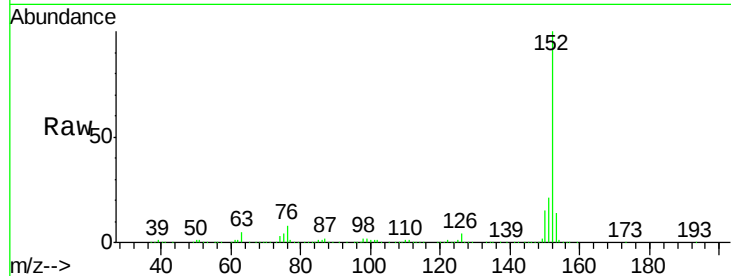
Tot Ion:152 Resp: 951078

Ion Ratio Lower Upper

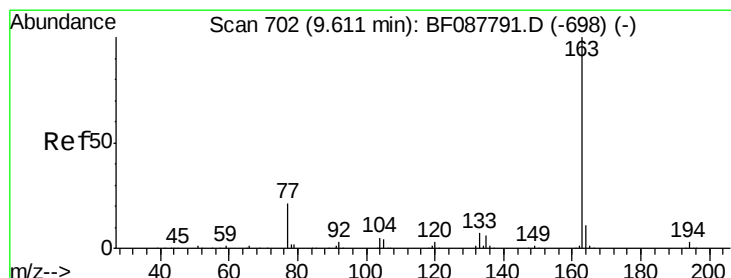
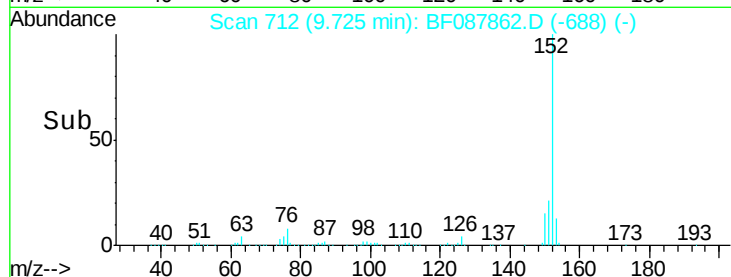
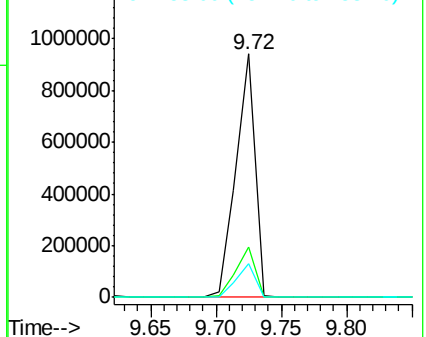
152 100

151 20.6 16.2 24.4

153 13.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 50.59 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

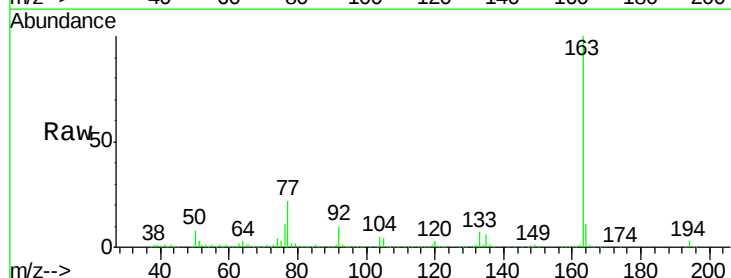
Tgt Ion:163 Resp: 738778

Ion Ratio Lower Upper

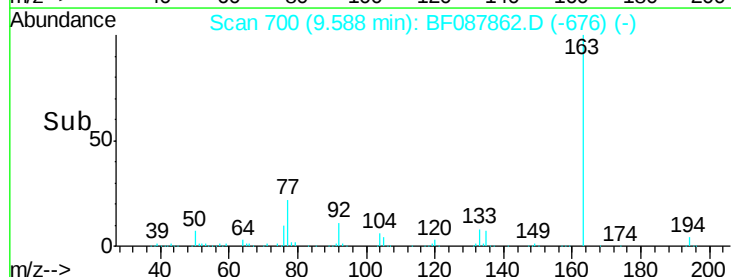
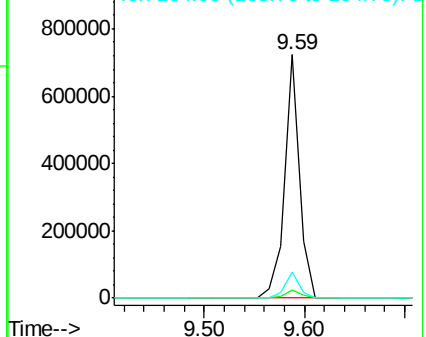
163 100

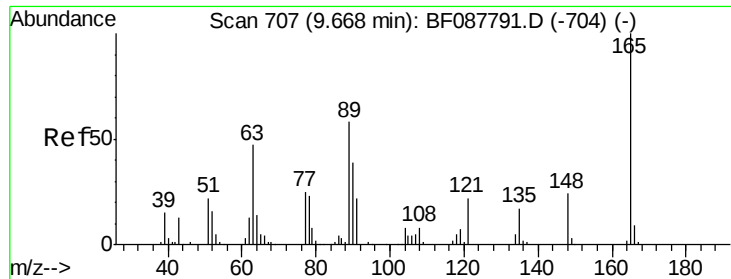
194 3.3 2.8 4.2

164 10.8 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

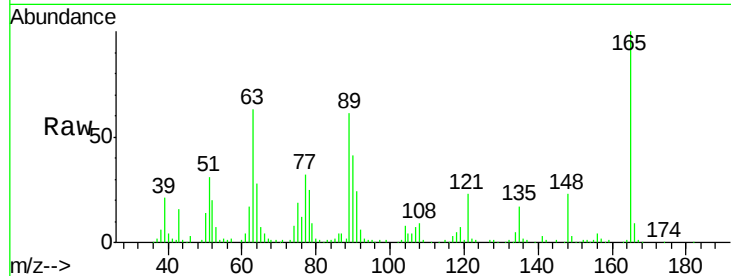
Tot Ion:165 Resp: 142564

Ion Ratio Lower Upper

165 100

63 63.3 28.1 42.1#

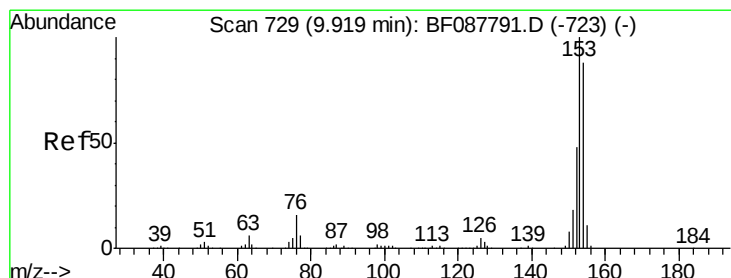
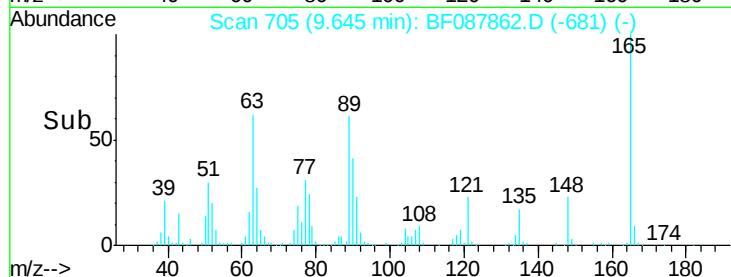
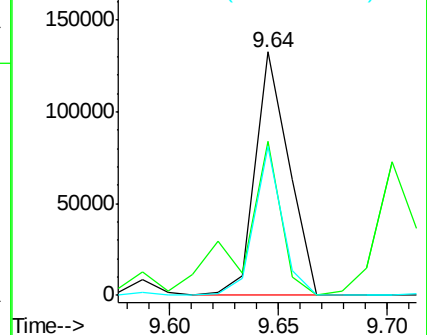
89 61.0 32.2 48.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 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

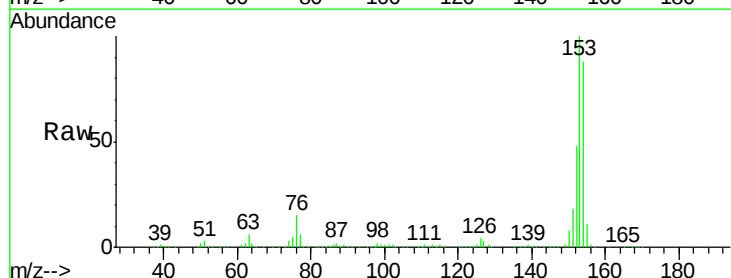
Tgt Ion:154 Resp: 611192

Ion Ratio Lower Upper

154 100

153 113.7 89.5 134.3

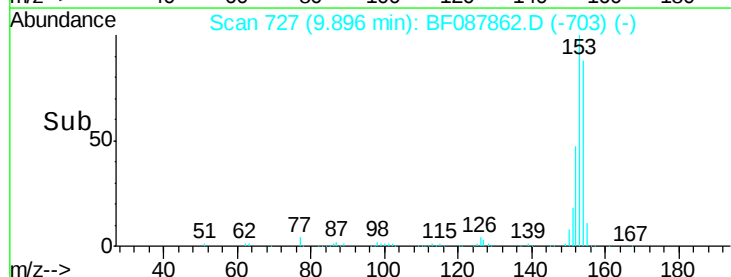
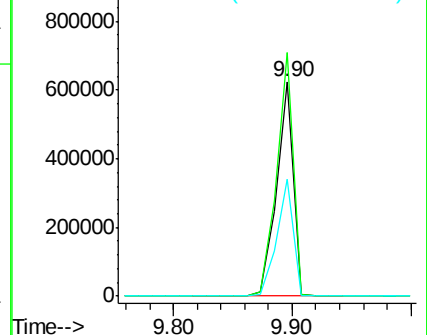
152 54.5 42.7 64.1

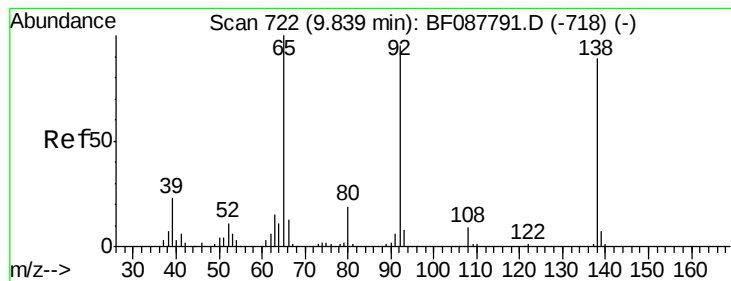


Abundance Ion 154.00 (153.70 to 154.70): E

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

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

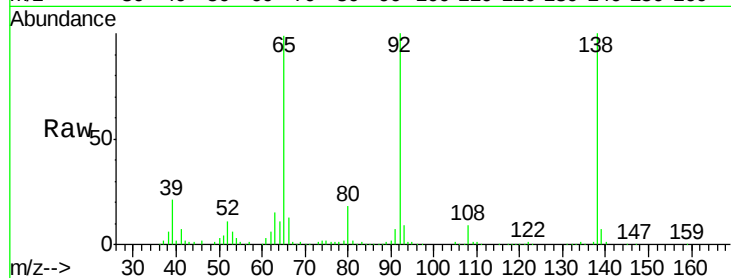
Tot Ion:138 Resp: 157088

Ion Ratio Lower Upper

138 100

108 9.4 8.5 12.7

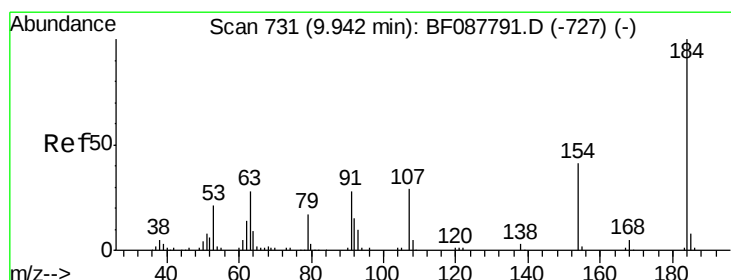
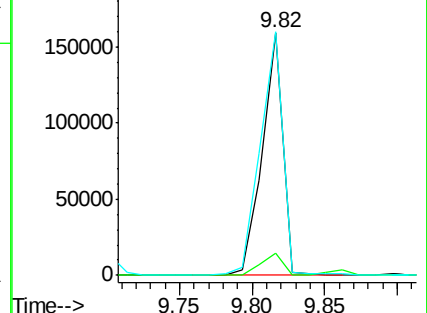
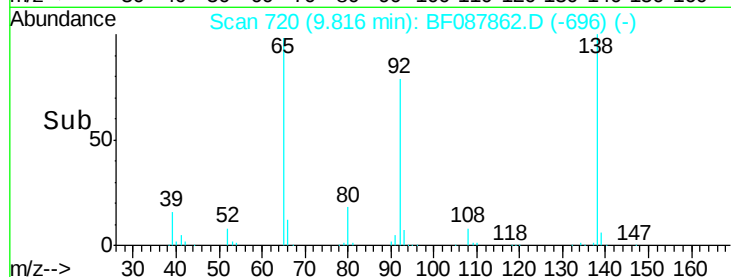
92 100.3 95.7 143.5



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

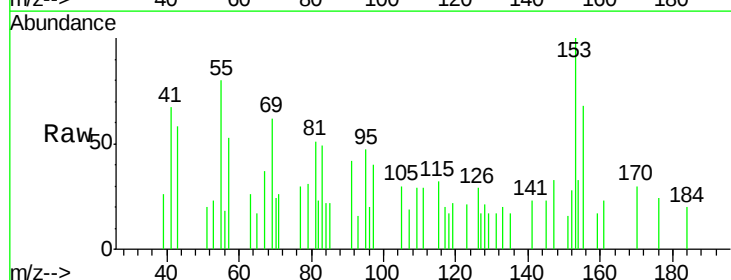
Tgt Ion:184 Resp: 278

Ion Ratio Lower Upper

184 100

63 127.3 57.6 86.4#

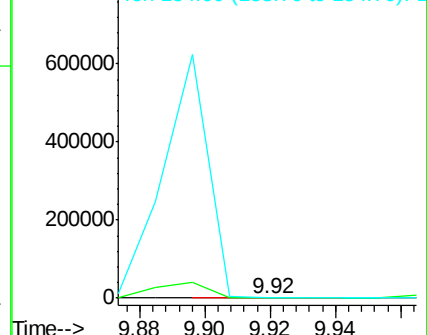
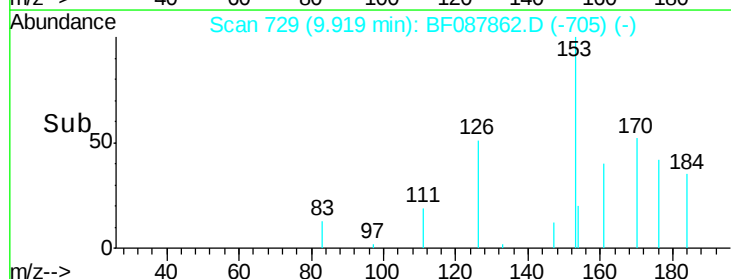
154 161.6 53.5 80.3#

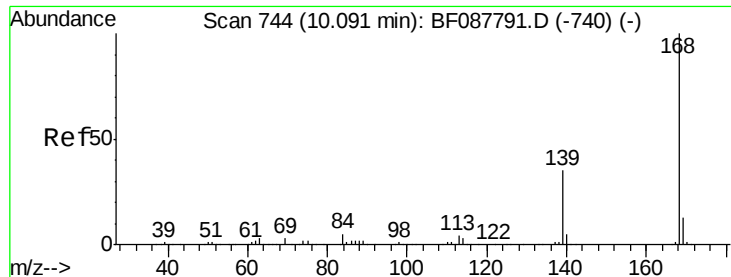


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

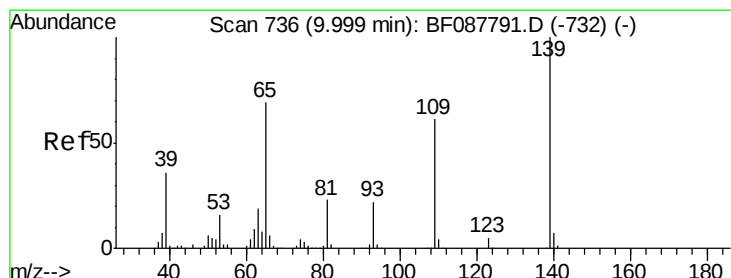
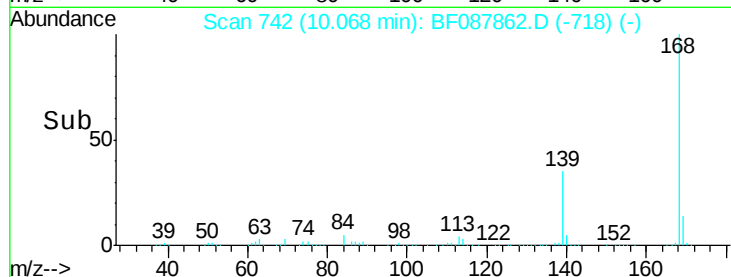
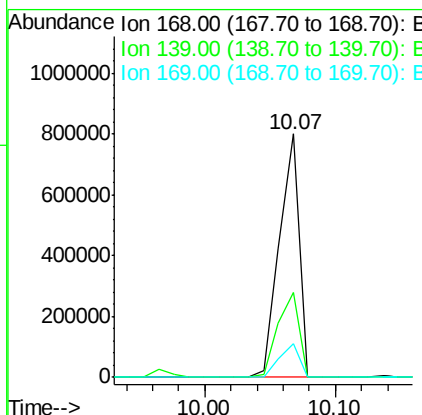
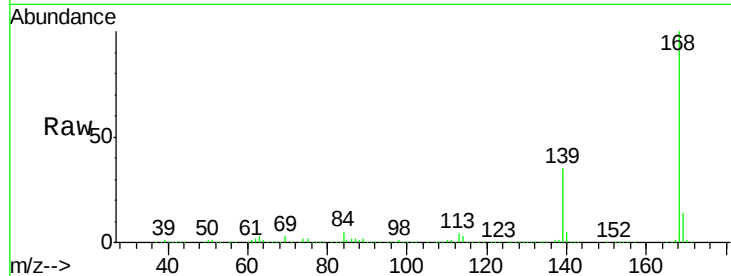




#54
Dibenzenofuran
Concen: 48.14 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

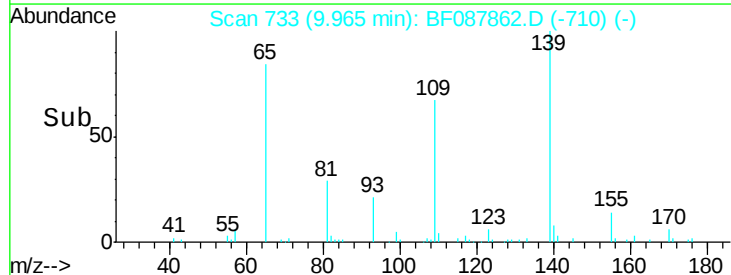
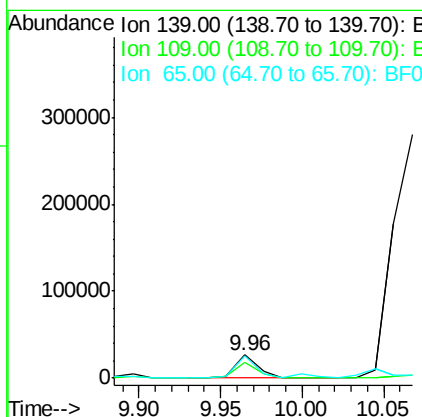
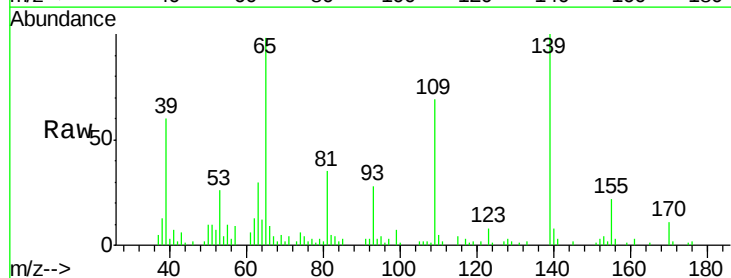
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

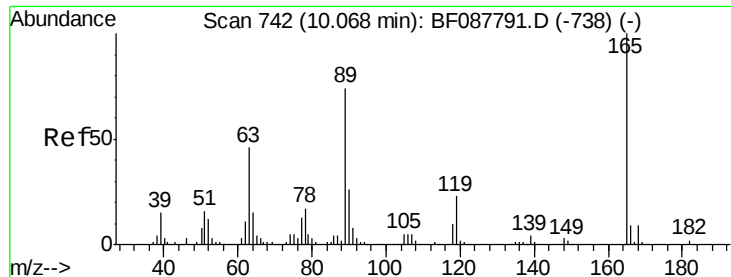
Tot Ion:168 Resp: 858137
Ion Ratio Lower Upper
168 100
139 35.0 26.4 39.6
169 13.6 10.4 15.6



#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

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

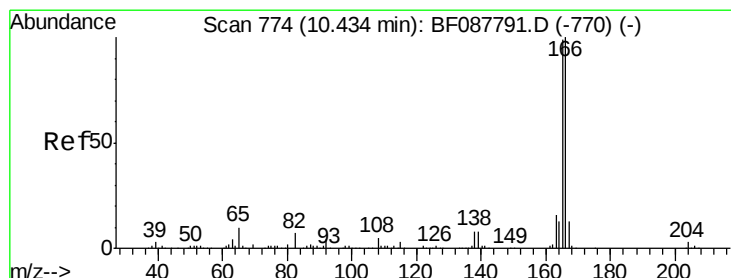
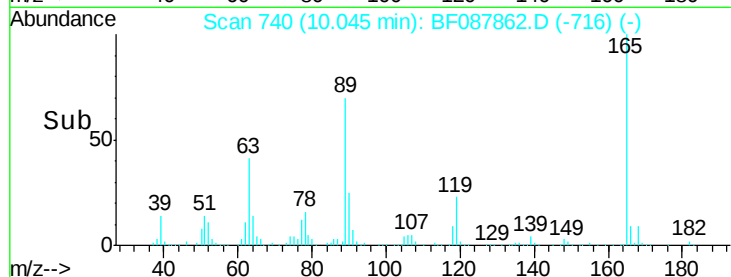
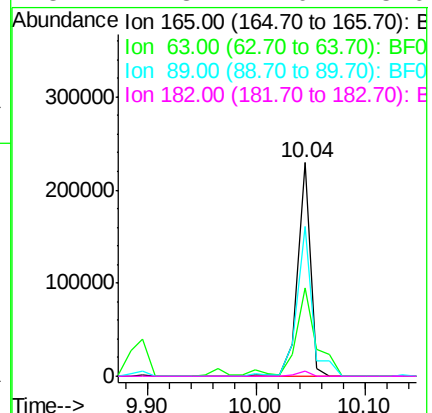
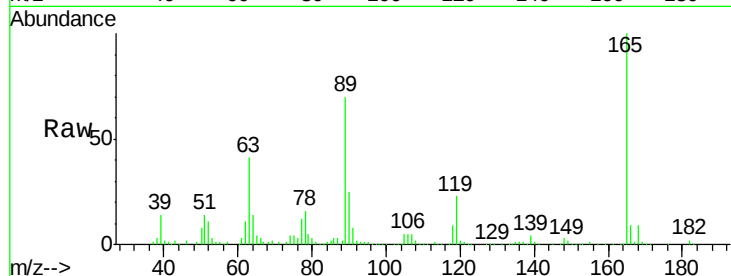




#56
2,4-Dinitrotoluene
Concen: 44.34 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

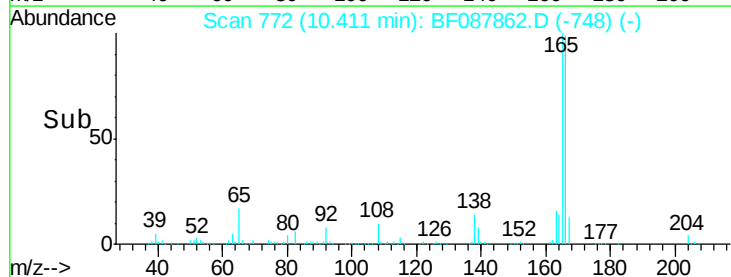
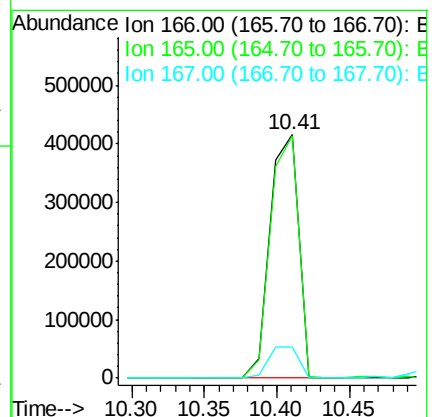
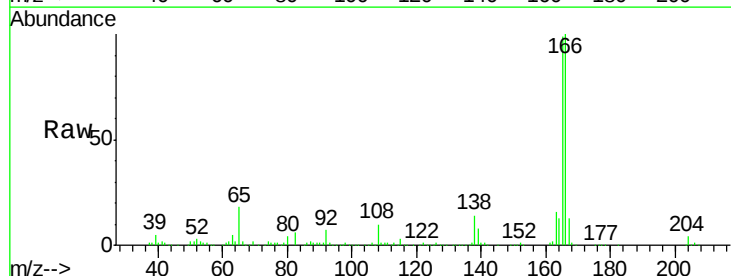
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

Tot 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



#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

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

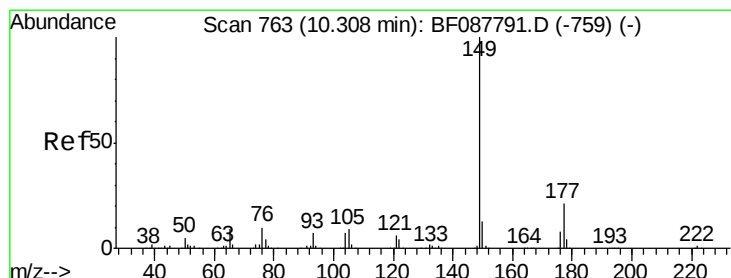
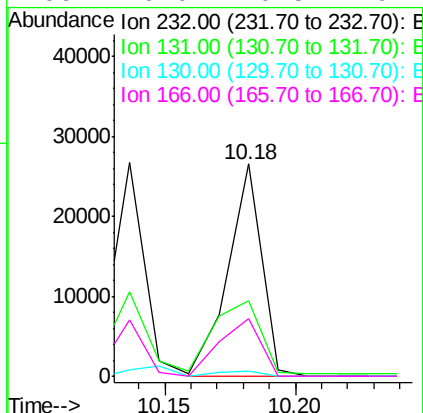
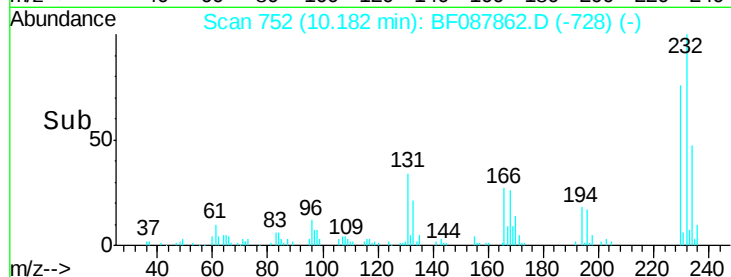
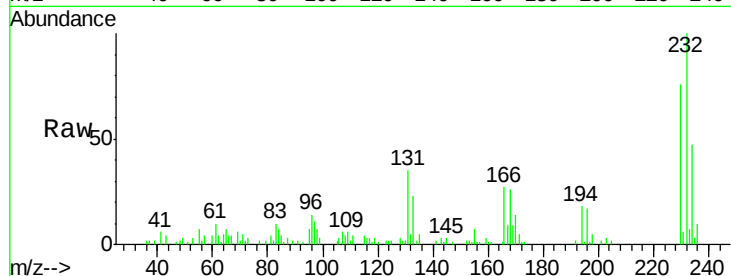




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 7.31 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

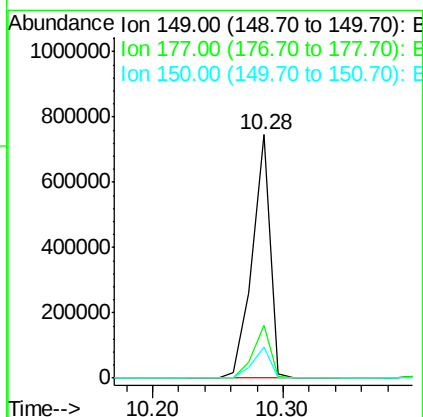
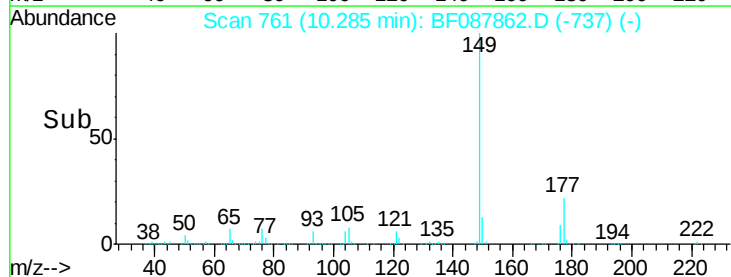
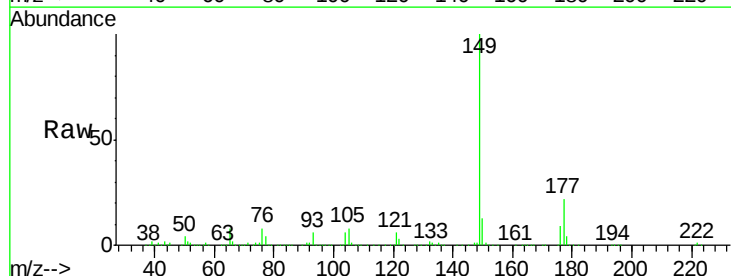
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMSD

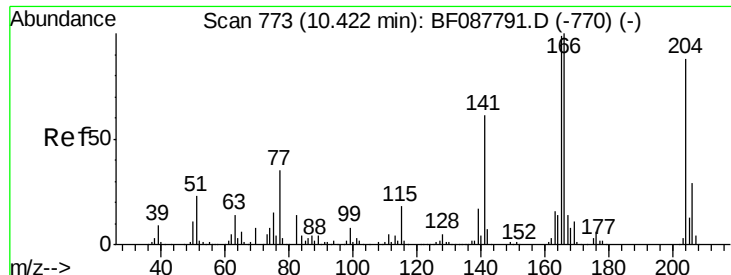
Tot Ion:	232	Resp:	24102
Ion	Ratio	Lower	Upper
232	100		
131	48.6	0.9	1.3#
130	0.0	1.5	2.3#
166	0.0	0.5	0.7#



#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

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

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

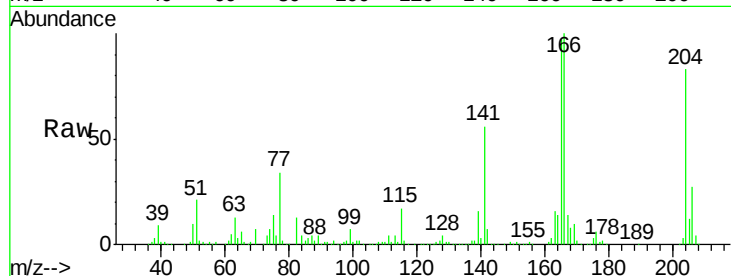
Tot Ion:204 Resp: 254787

Ion Ratio Lower Upper

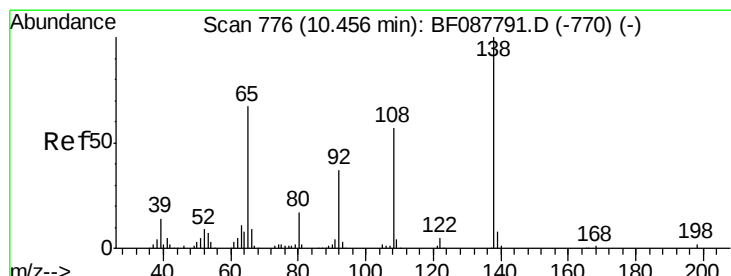
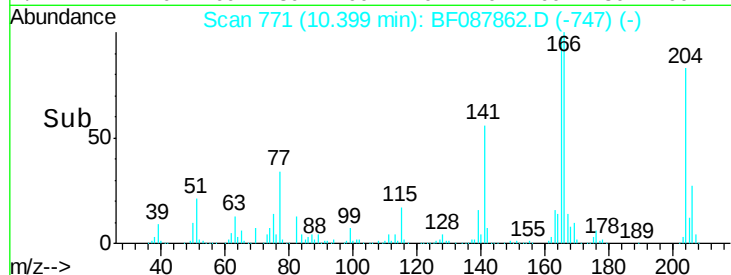
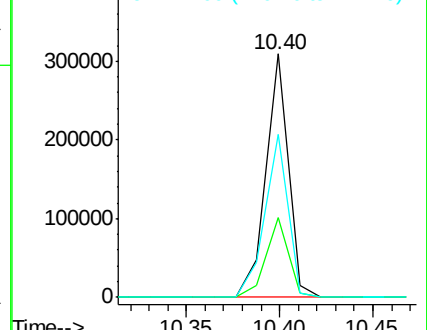
204 100

206 32.6 26.3 39.5

141 66.9 55.0 82.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 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

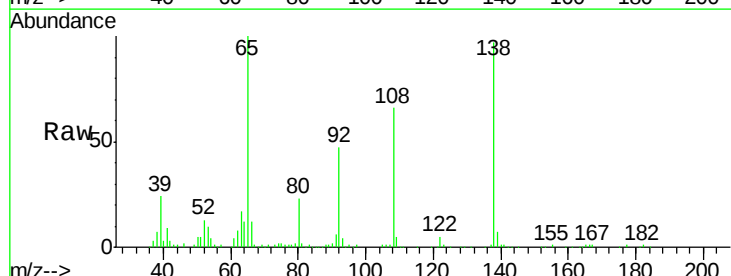
Tgt Ion:138 Resp: 157360

Ion Ratio Lower Upper

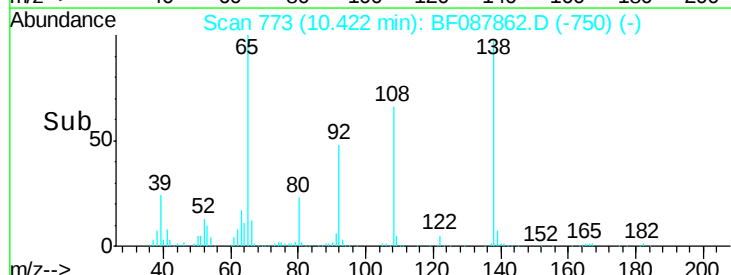
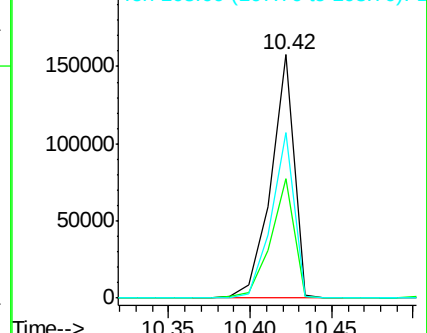
138 100

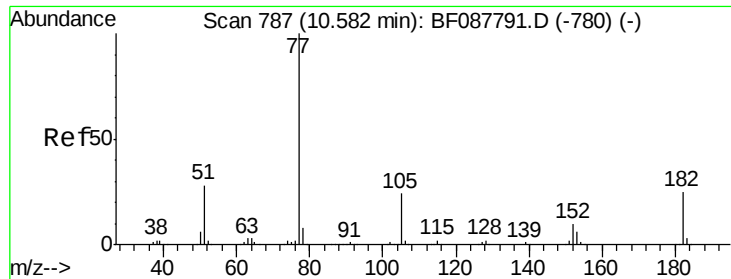
92 49.1 27.3 67.3

108 68.2 46.7 86.7



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





#62

Azobenzene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

Tot Ion: 77 Resp: 650451

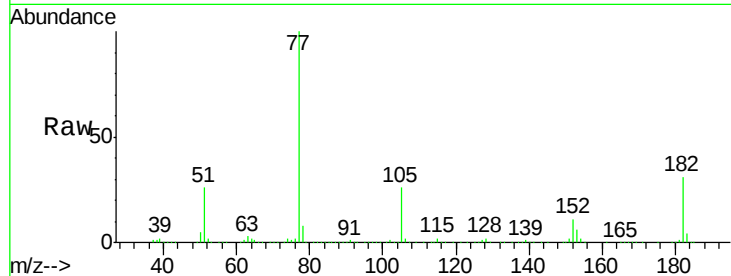
Ion Ratio Lower Upper

77 100

182 30.7 4.4 44.4

105 25.5 3.8 43.8

51 25.9 9.3 49.3

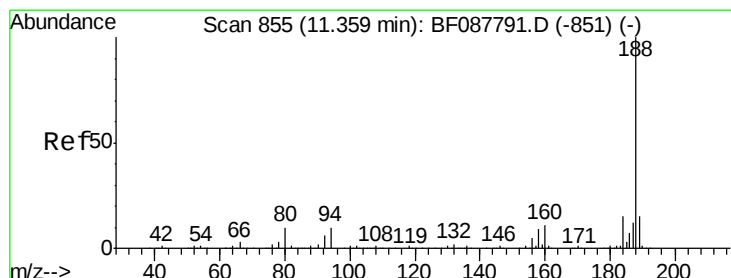
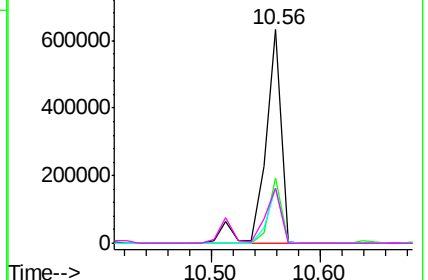
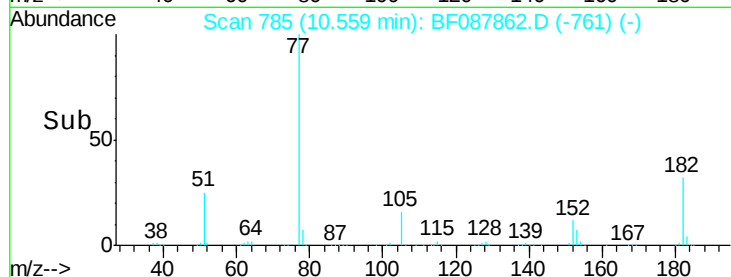


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF087862.D

Acq: 9 Jun 2016 19:53

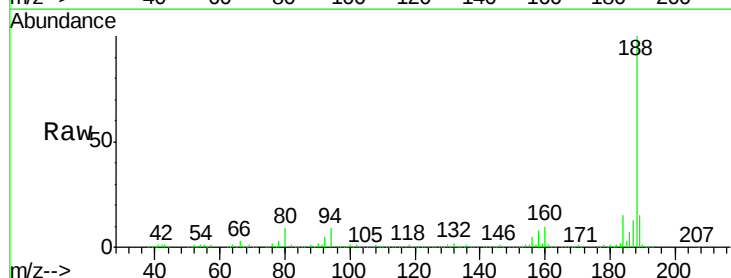
Tgt Ion: 188 Resp: 307011

Ion Ratio Lower Upper

188 100

94 8.7 9.0 13.6#

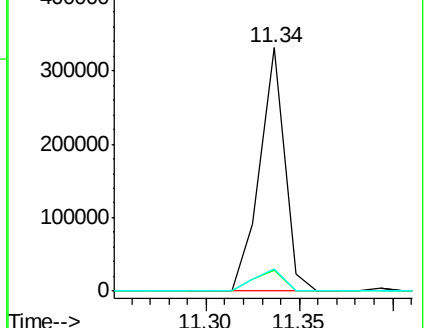
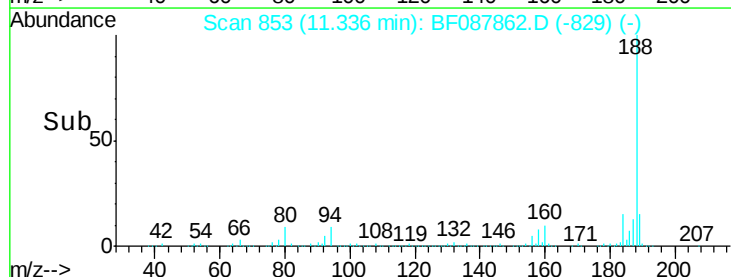
80 8.9 10.0 15.0#

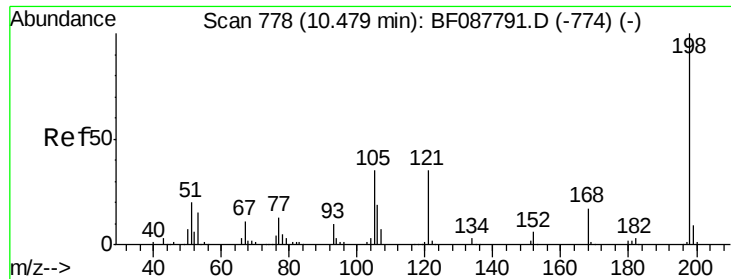


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

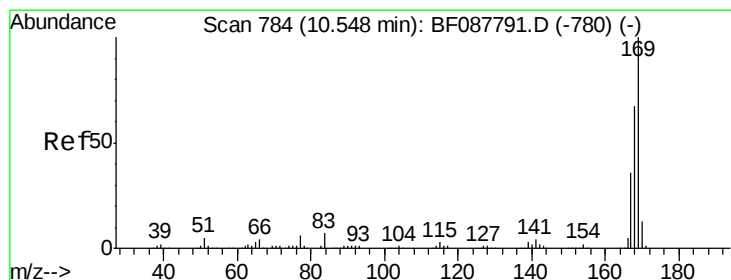
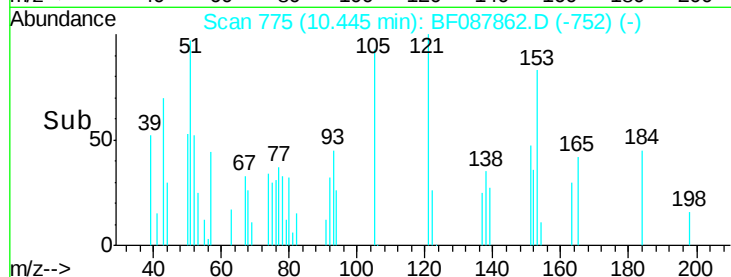
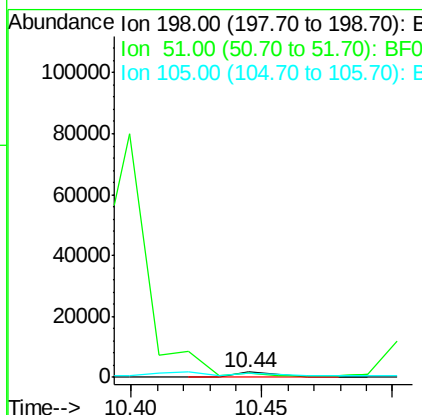
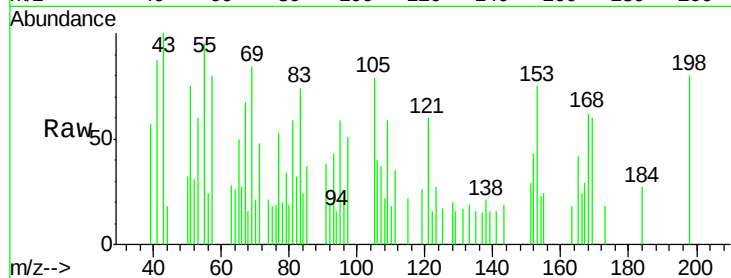




#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.00 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.03 min
 Lab File: BF087862.D
 Acq: 9 Jun 2016 19:53

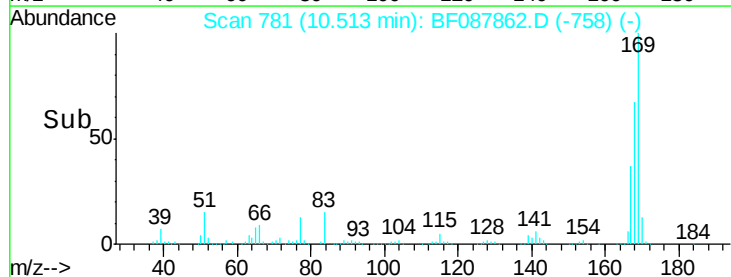
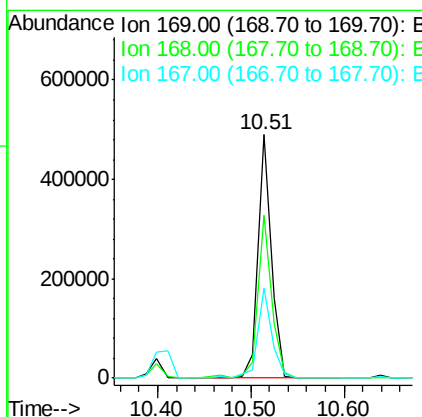
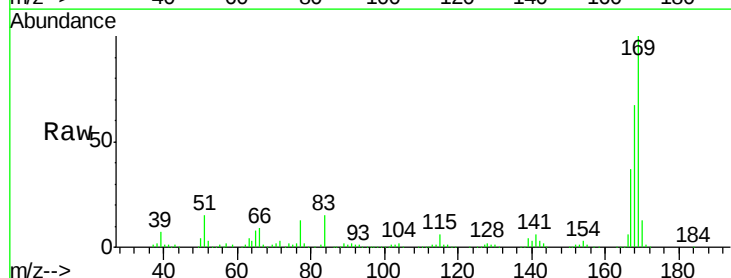
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMSD

Tot Ion:198 Resp: 1688
 Ion Ratio Lower Upper
 198 100
 51 92.7 39.6 79.6#
 105 97.9 36.6 76.6#



#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

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

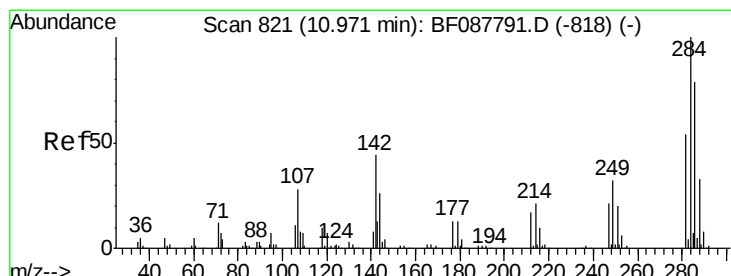
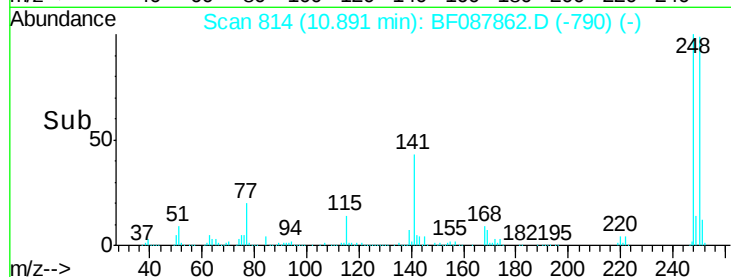
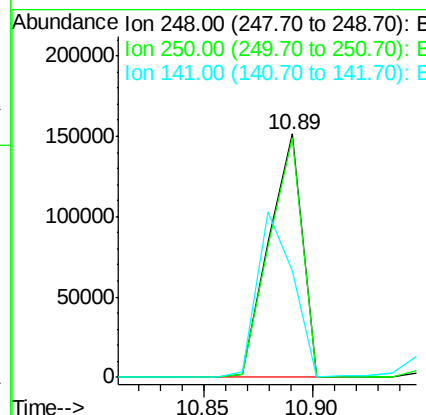
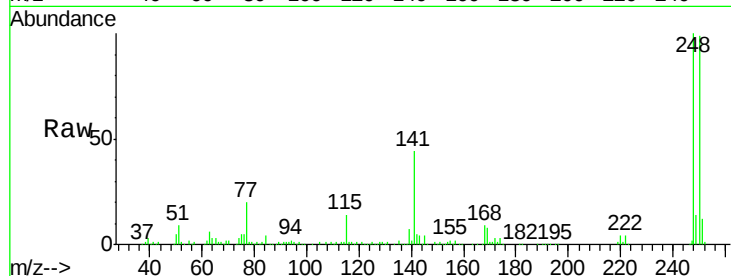




#66
4-Bromophenyl-phenylether
Concen: 49.46 ng
RT: 10.89 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

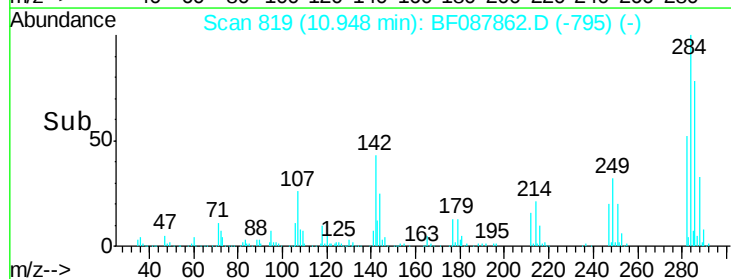
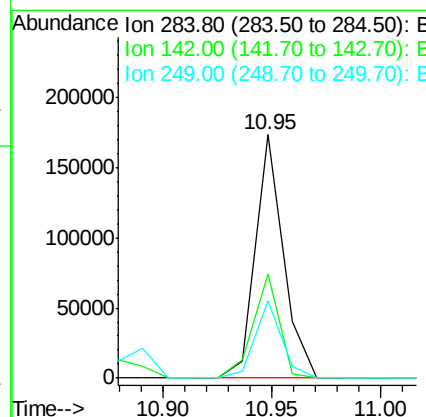
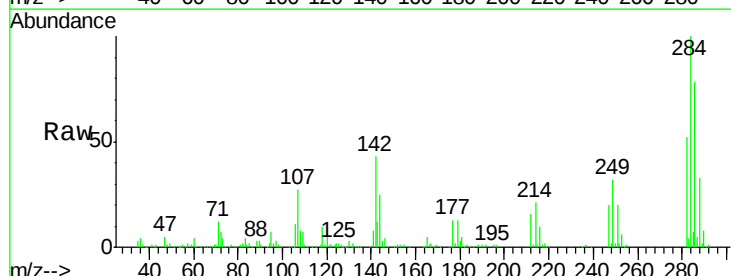
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

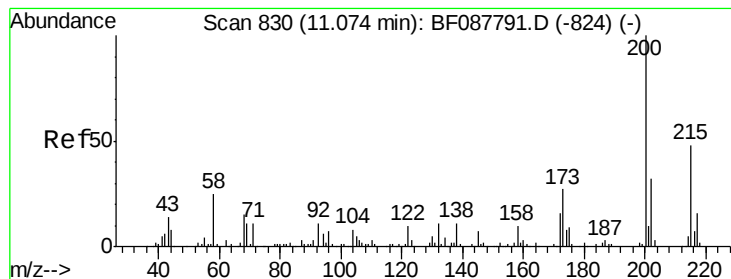
Tot Ion:248 Resp: 162899
Ion Ratio Lower Upper
248 100
250 98.6 77.1 115.7
141 43.6 50.6 76.0#



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

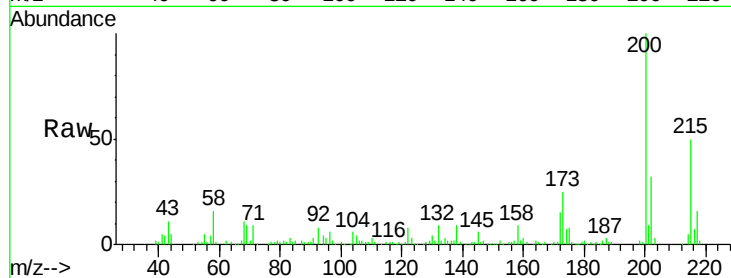
Tot Ion:200 Resp: 160425

Ion Ratio Lower Upper

200 100

173 24.6 4.0 44.0

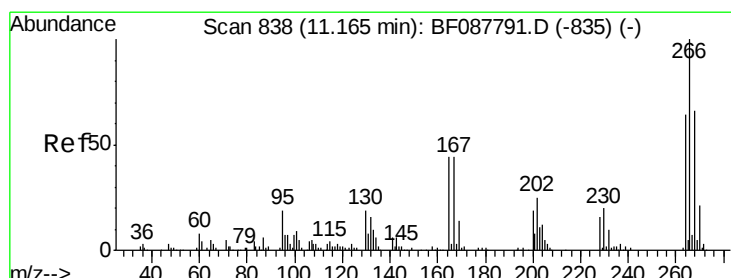
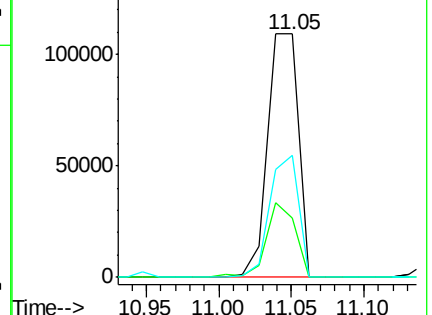
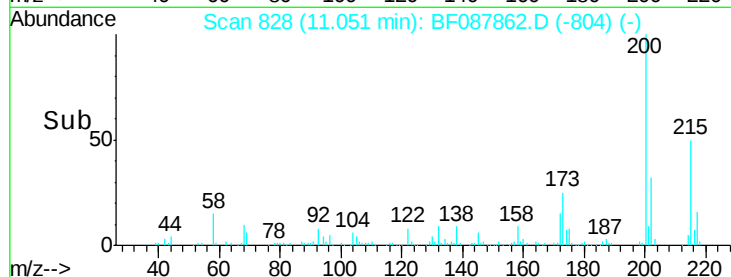
215 50.2 29.3 69.3



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

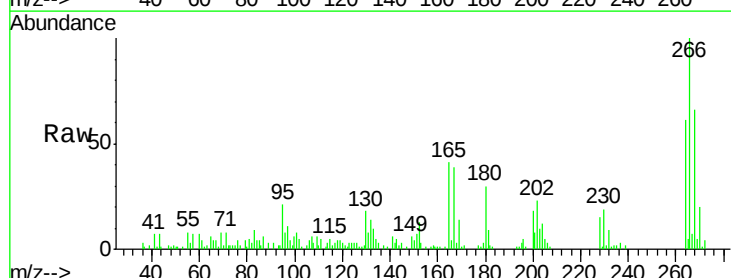
Tgt Ion:266 Resp: 26118

Ion Ratio Lower Upper

266 100

268 65.8 52.8 79.2

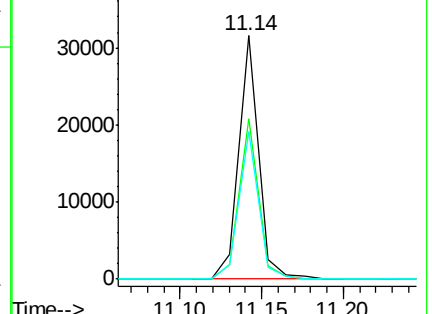
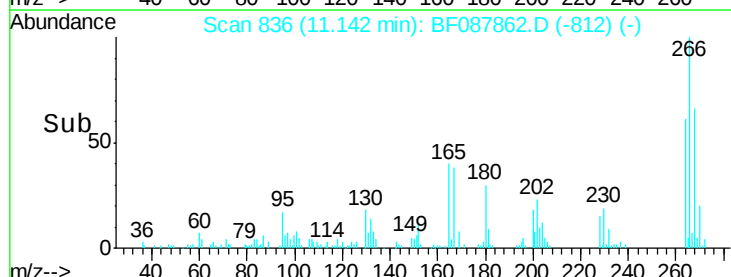
264 60.6 49.6 74.4

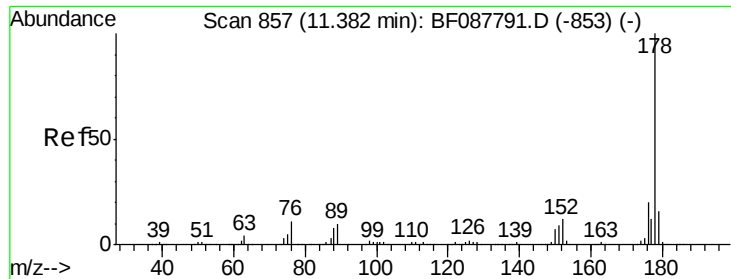


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

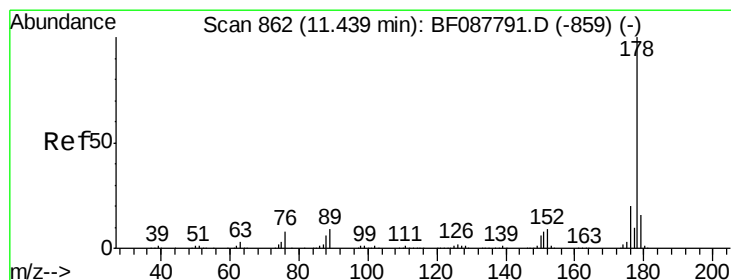
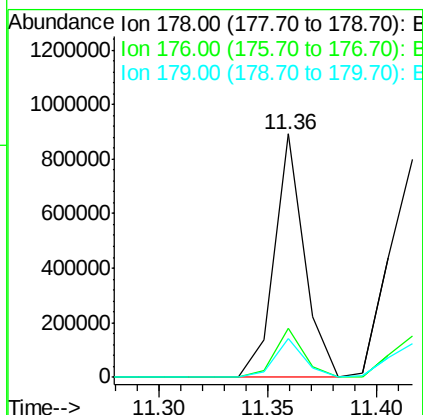
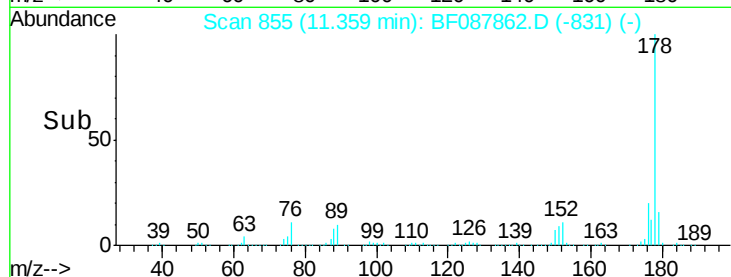
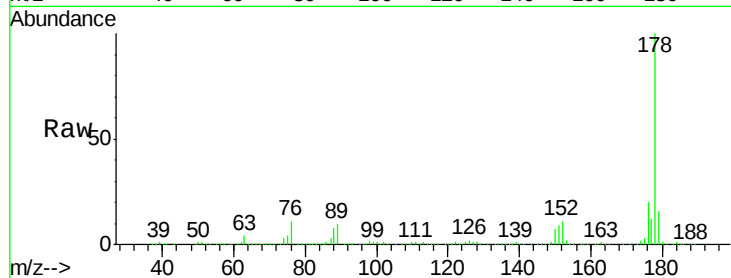




#70
Phenanthrene
Concen: 53.47 ng
RT: 11.36 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

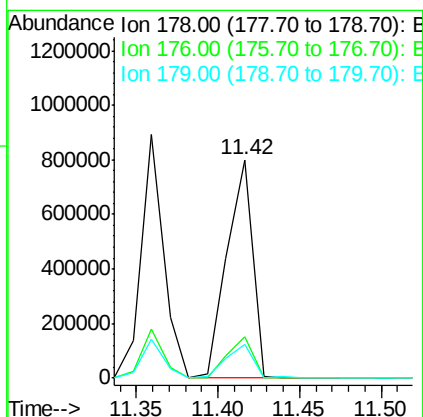
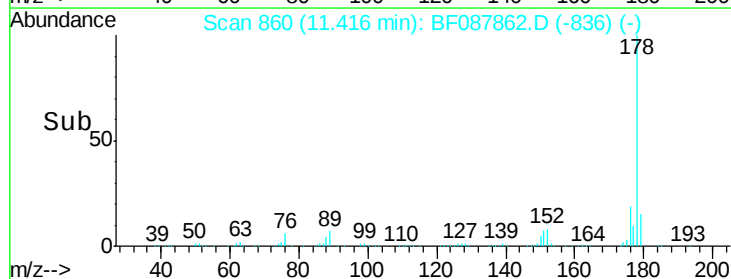
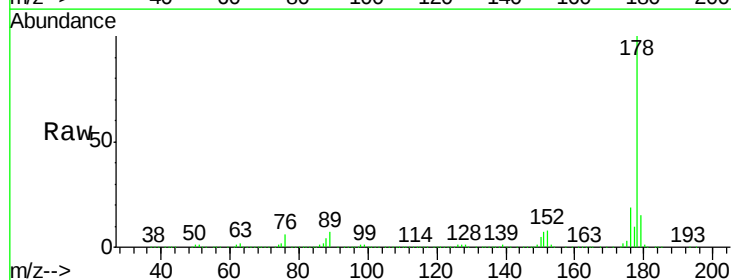
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

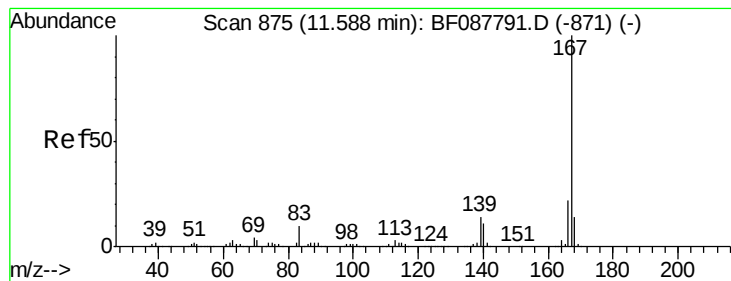
Tot Ion:178 Resp: 861405
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.6
179 16.2 13.0 19.4



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

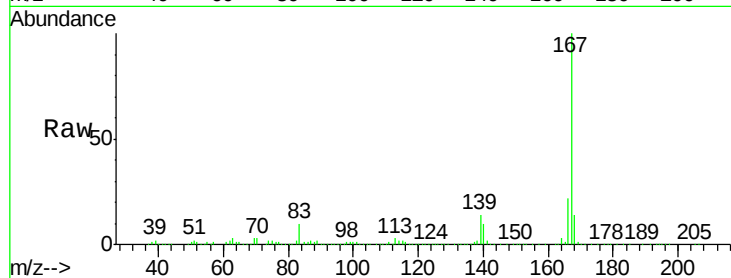
Tot Ion:167 Resp: 691879

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

139 13.8 11.2 16.8

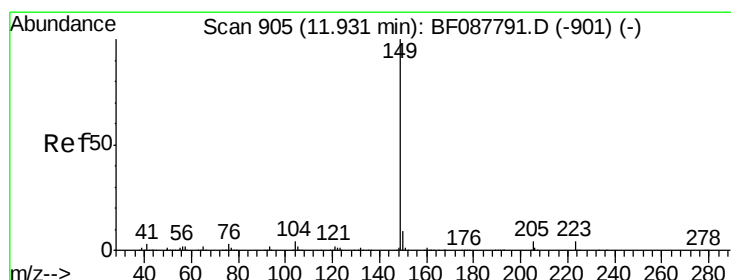
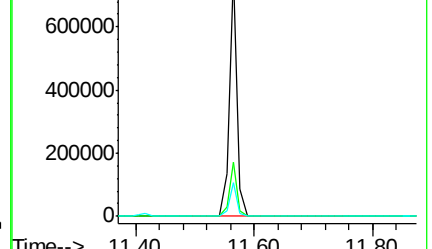
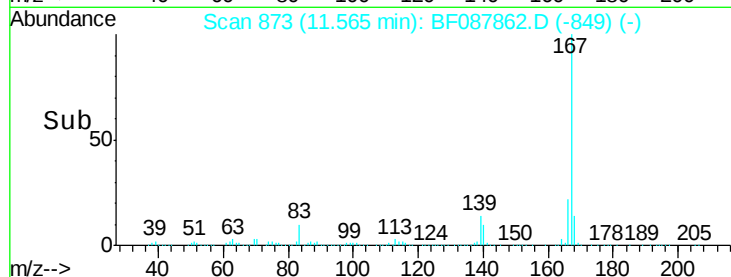


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



#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

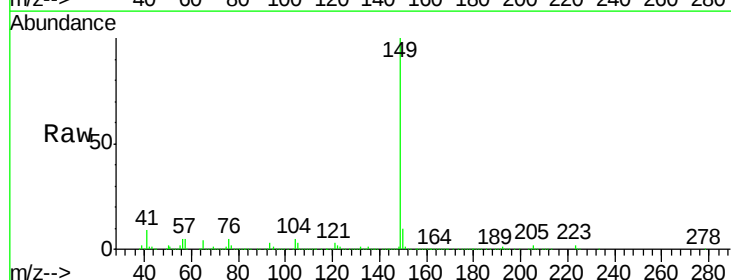
Tgt Ion:149 Resp: 914515

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

104 5.3 4.0 6.0

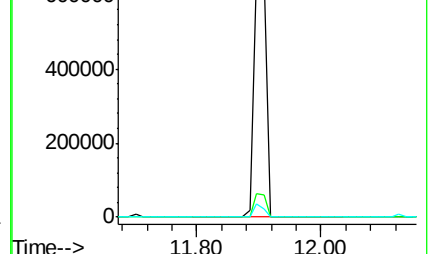
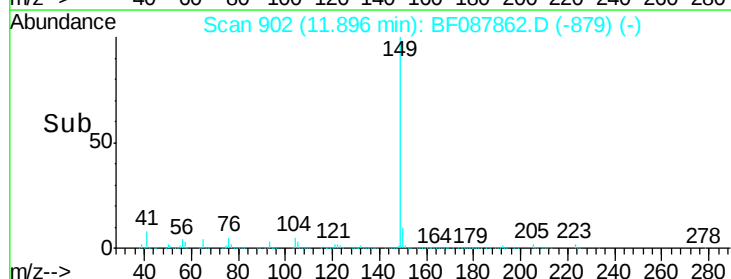


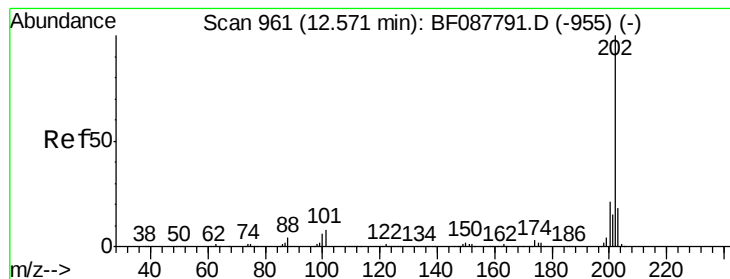
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->





#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

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

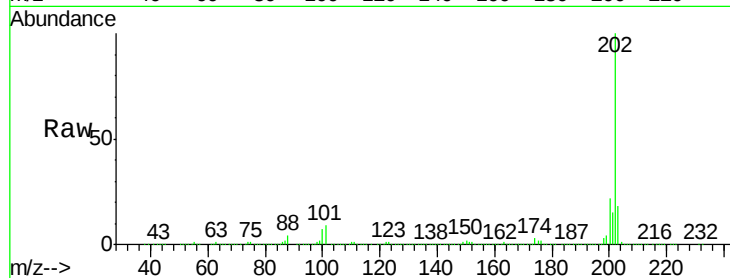
Tot Ion:202 Resp: 1059378

Ion Ratio Lower Upper

202 100

101 9.5 0.0 33.1

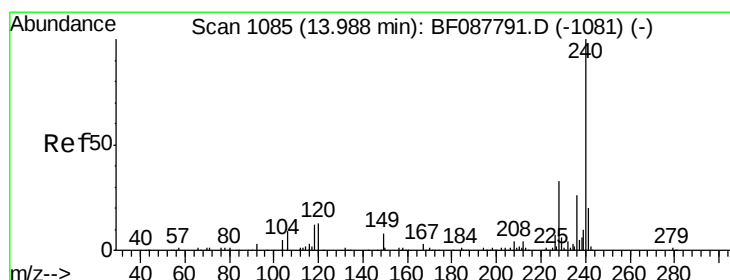
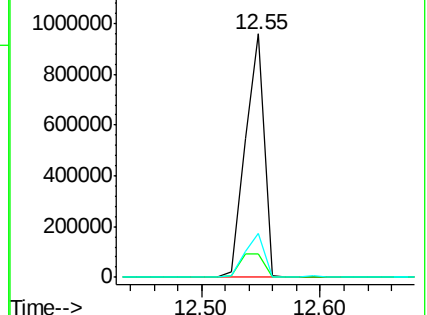
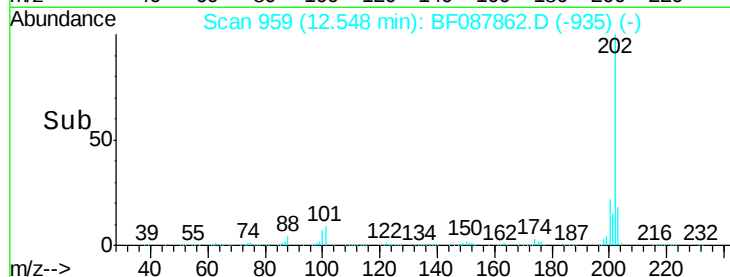
203 17.9 0.0 38.1



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

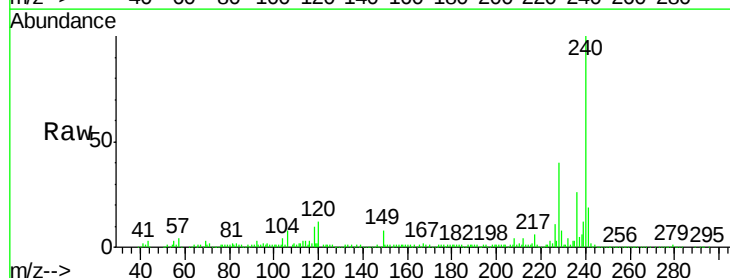
Tgt Ion:240 Resp: 253874

Ion Ratio Lower Upper

240 100

120 11.6 6.8 10.2#

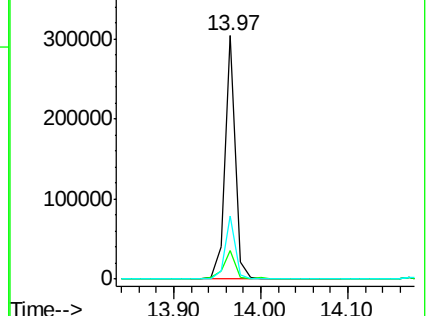
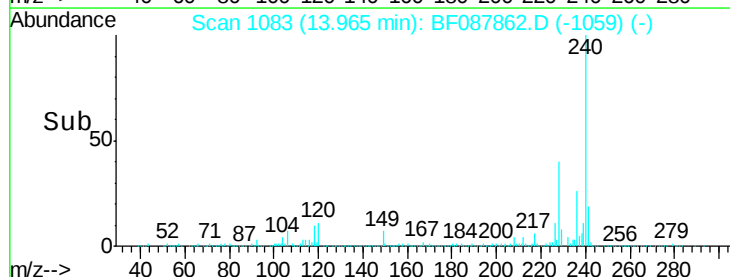
236 25.9 20.2 30.2

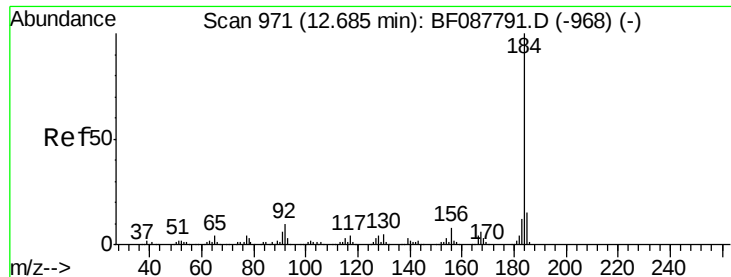


Abundance Ion 240.00 (239.70 to 240.70): E

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

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

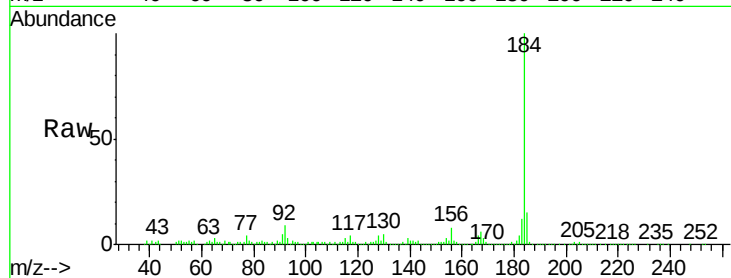
Tot Ion:184 Resp: 259723

Ion Ratio Lower Upper

184 100

185 14.6 12.5 18.7

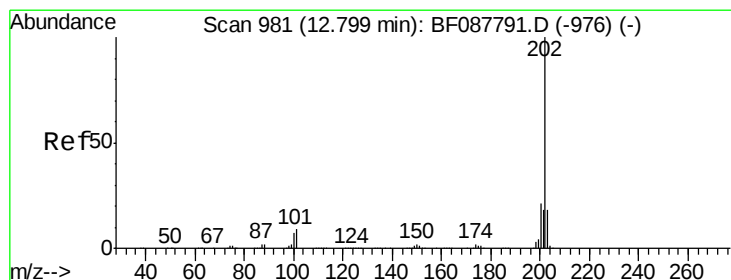
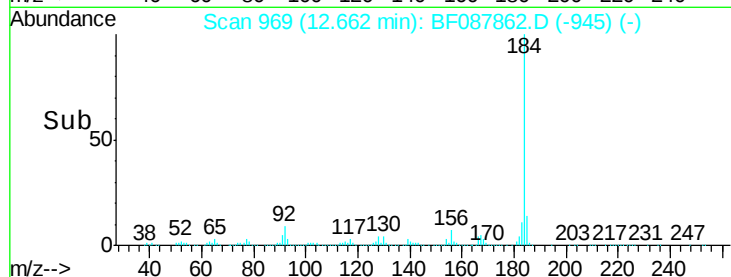
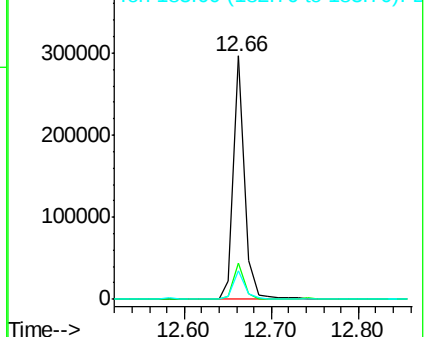
183 11.5 9.3 13.9



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

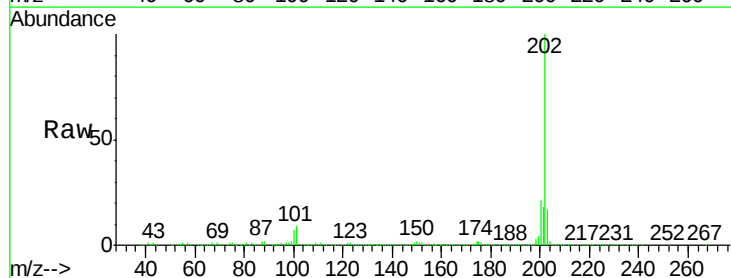
Tgt Ion:202 Resp: 998483

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

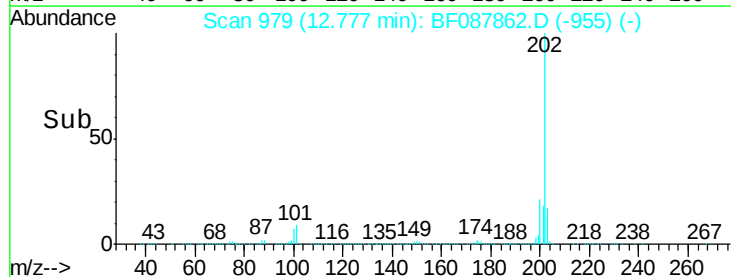
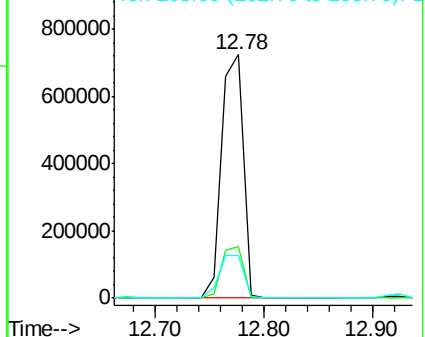
203 17.5 14.5 21.7

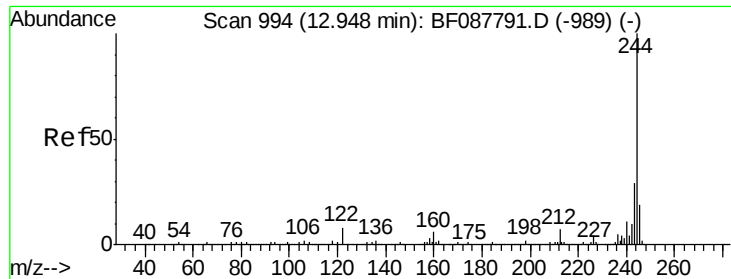


Abundance Ion 202.00 (201.70 to 202.70): E

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

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

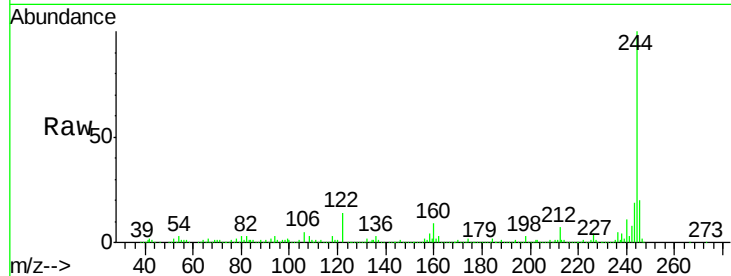
Tot Ion:244 Resp: 719720

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

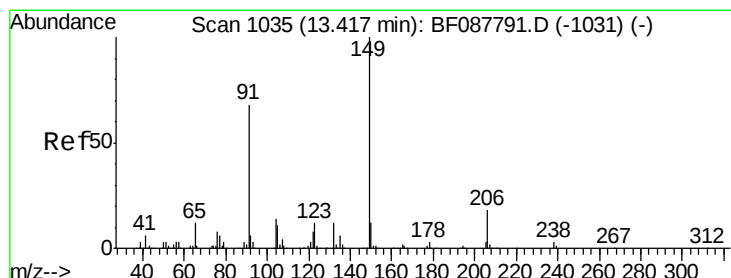
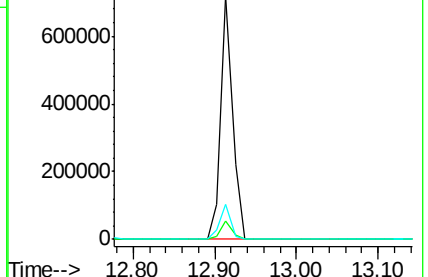
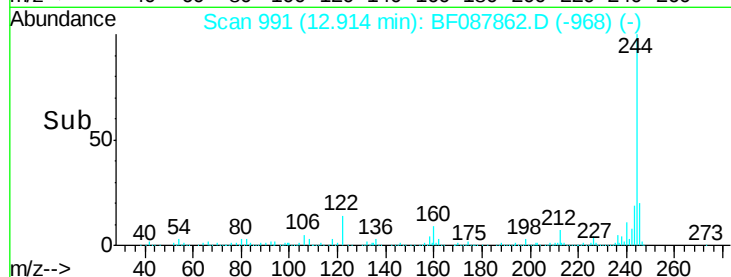
122 14.3 11.2 16.8



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

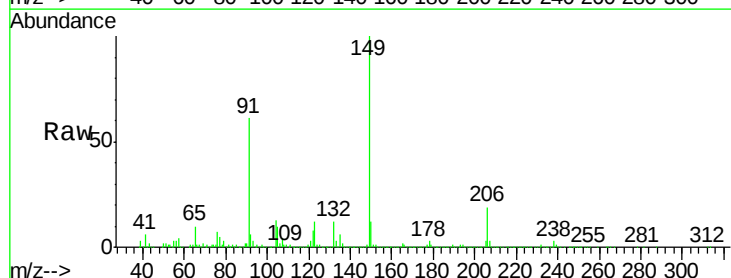
Tgt Ion:149 Resp: 395476

Ion Ratio Lower Upper

149 100

91 61.2 48.0 72.0

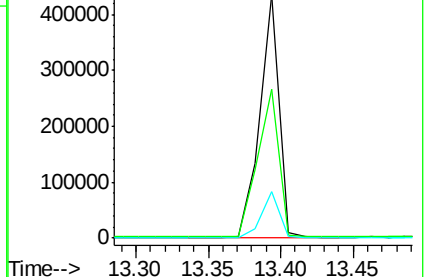
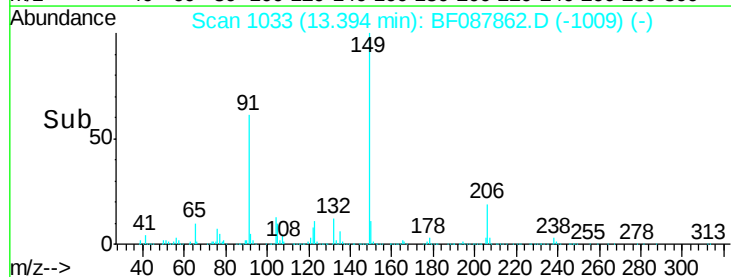
206 19.3 16.0 24.0

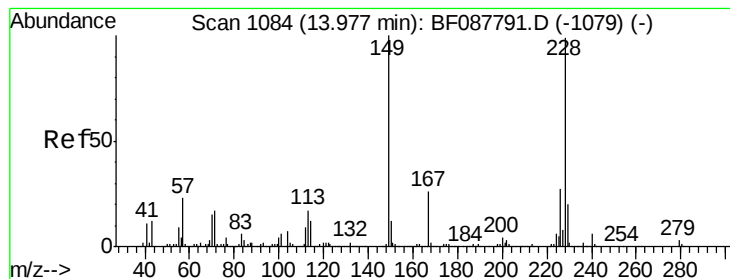


Abundance Ion 149.00 (148.70 to 149.70): E

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

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

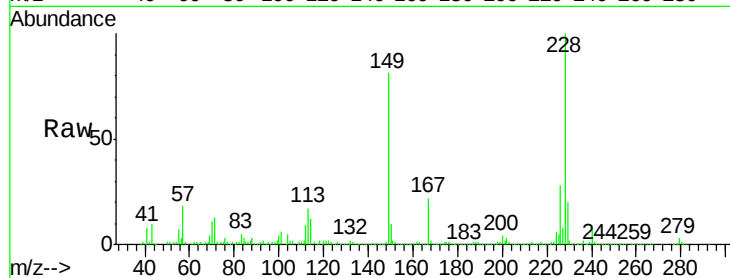
Tot Ion:228 Resp: 734262

Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

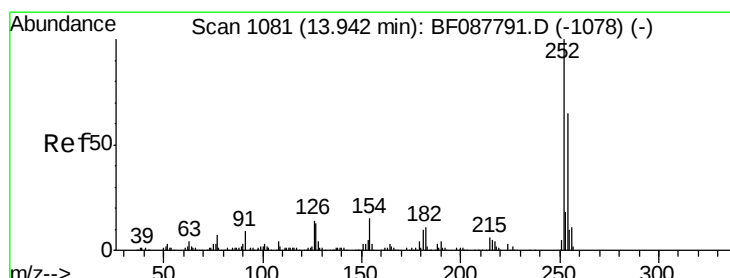
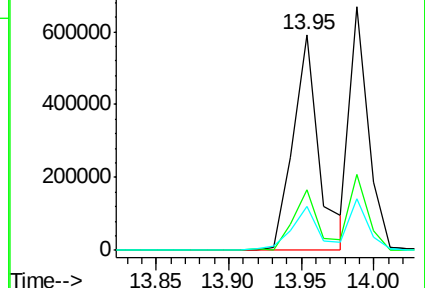
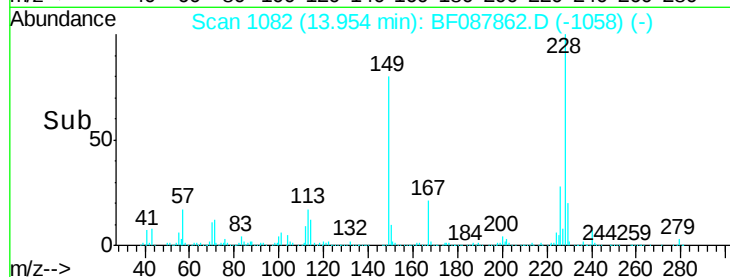
229 20.5 16.0 24.0



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

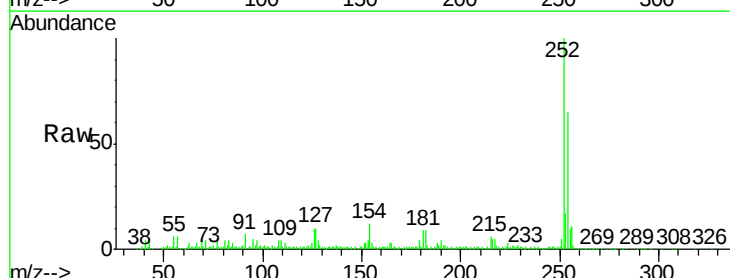
Tgt Ion:252 Resp: 142478

Ion Ratio Lower Upper

252 100

254 65.1 52.6 78.8

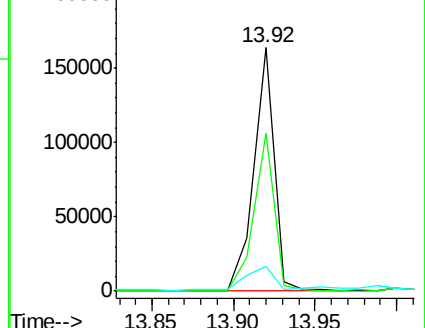
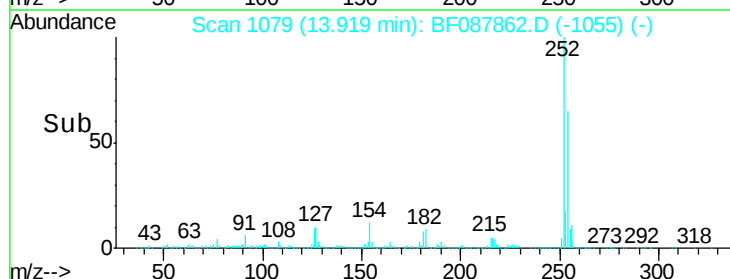
126 10.3 6.2 9.2#

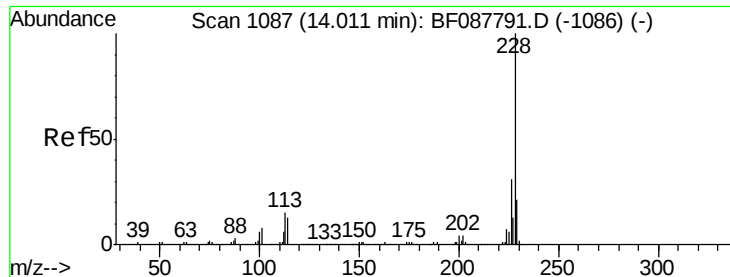


Abundance Ion 252.00 (251.70 to 252.70): E

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

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

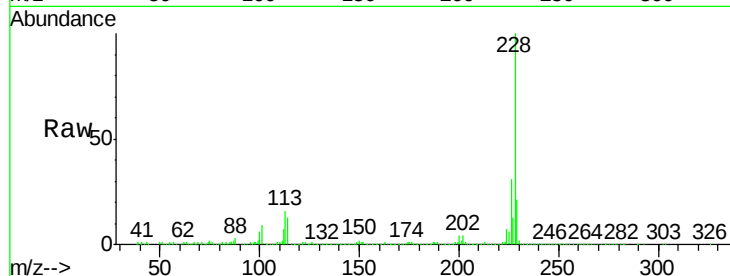
Tot Ion:228 Resp: 589658

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.2

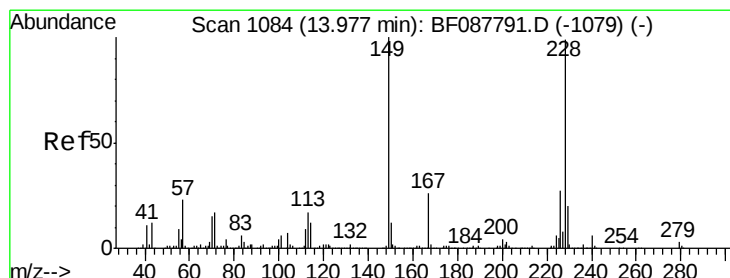
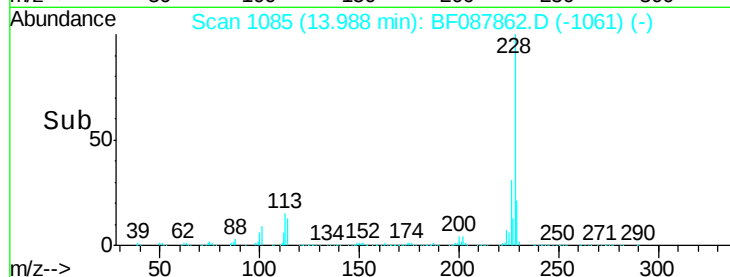
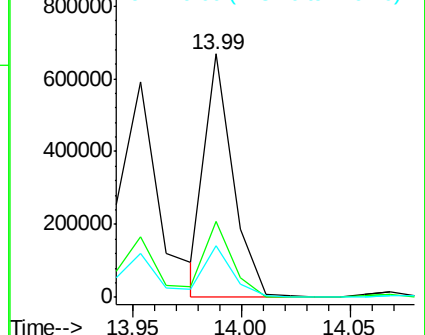
229 21.1 16.3 24.5



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

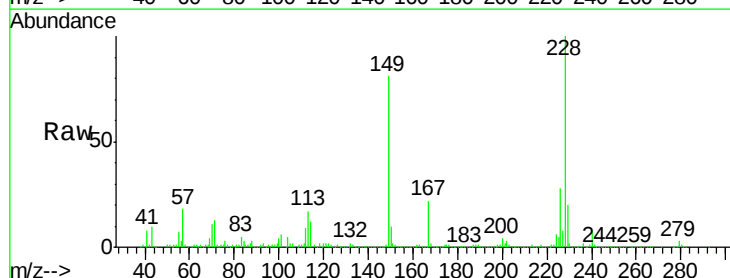
Tgt Ion:149 Resp: 450013

Ion Ratio Lower Upper

149 100

167 26.8 20.5 30.7

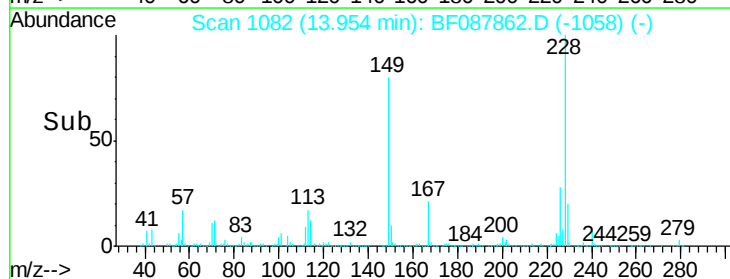
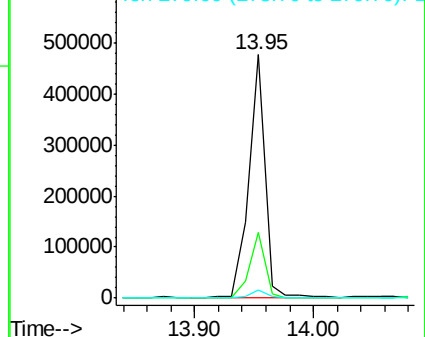
279 3.6 2.0 3.0#

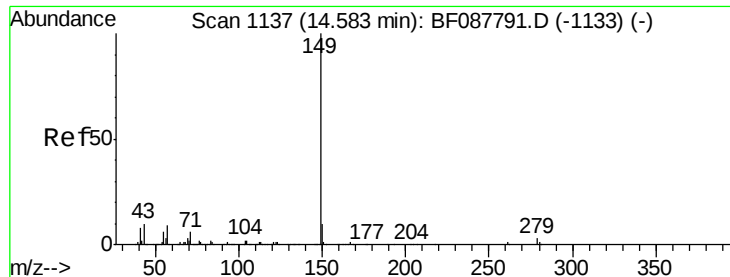


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

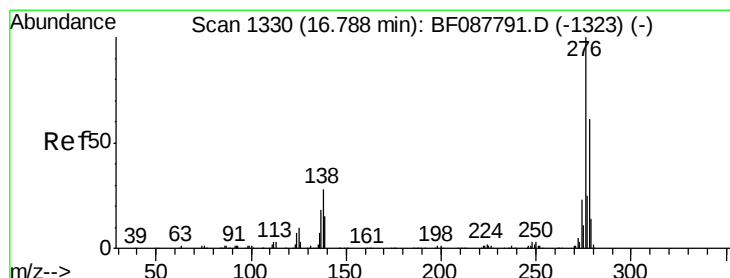
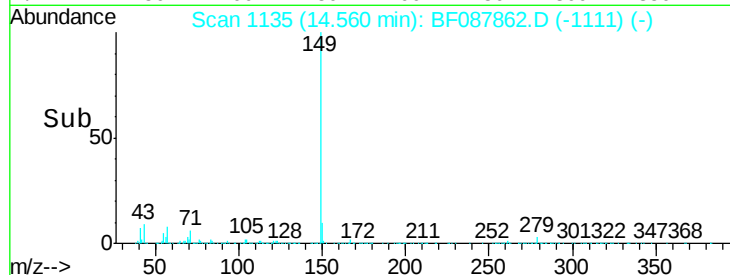
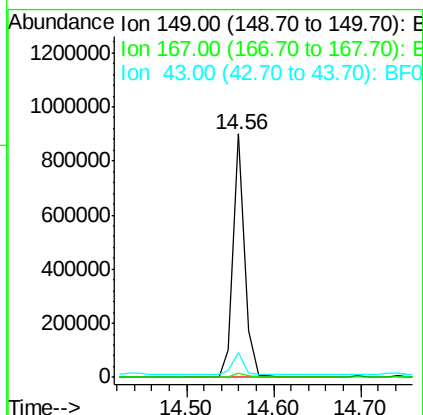
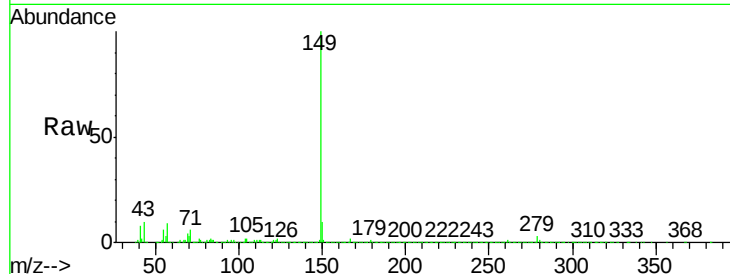




#84
Di-n-octyl phthalate
Concen: 48.95 ng
RT: 14.56 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

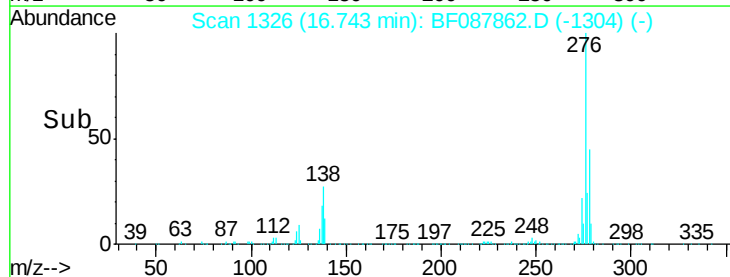
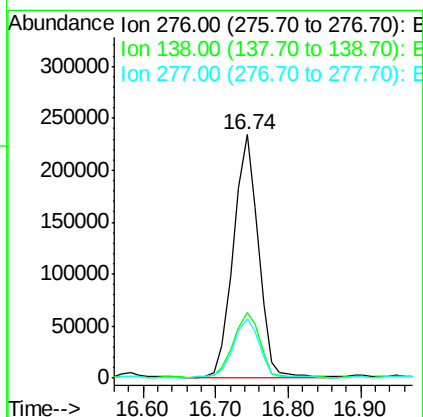
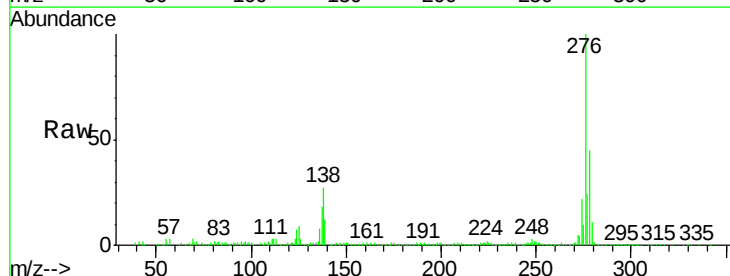
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

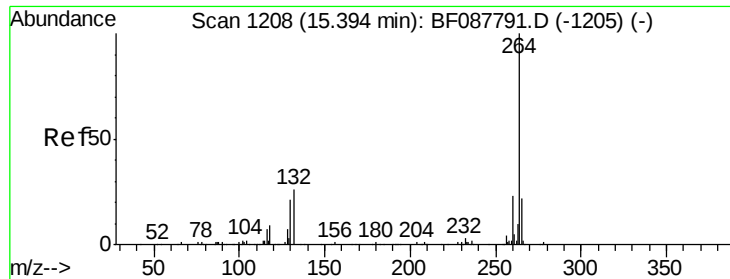
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	9.3	0.0	0.0#



#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

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

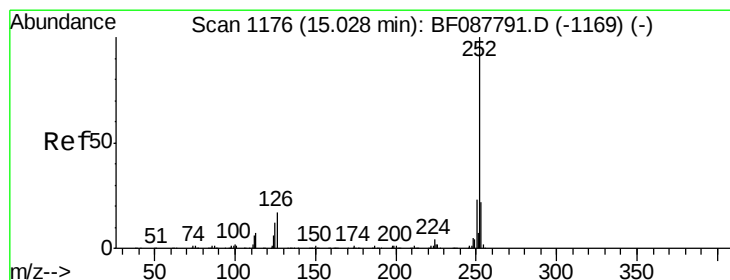
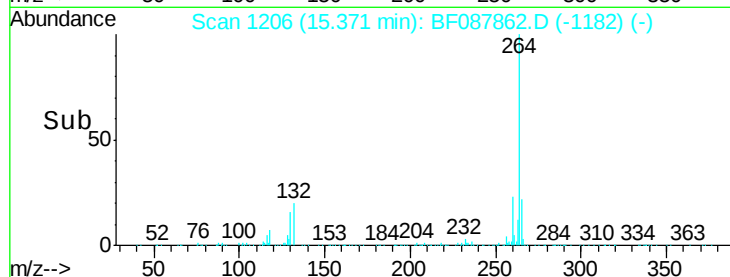
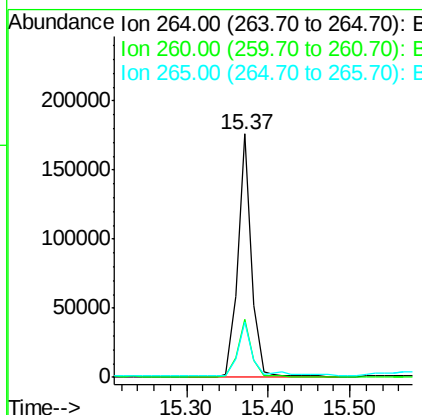
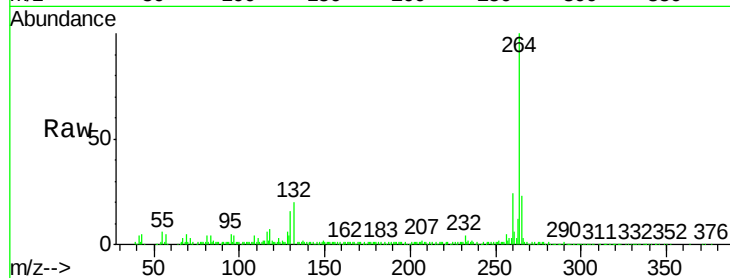




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

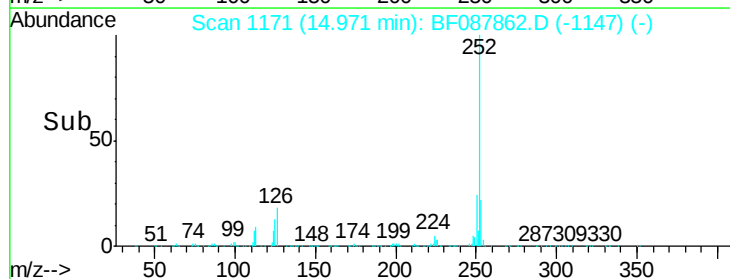
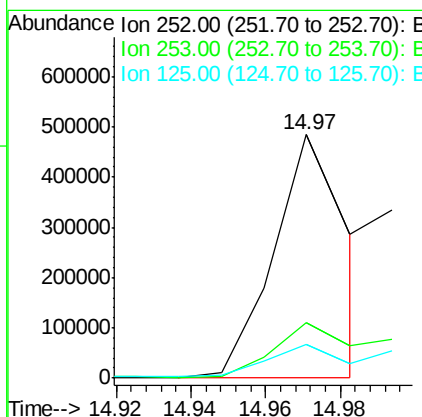
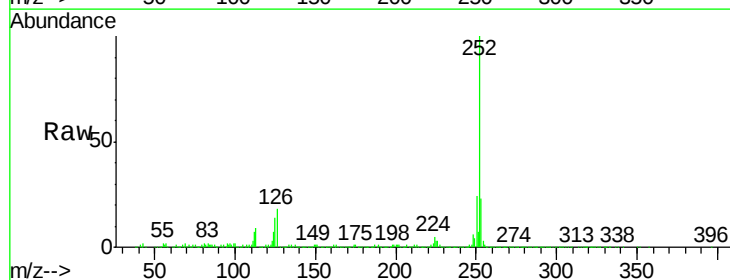
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

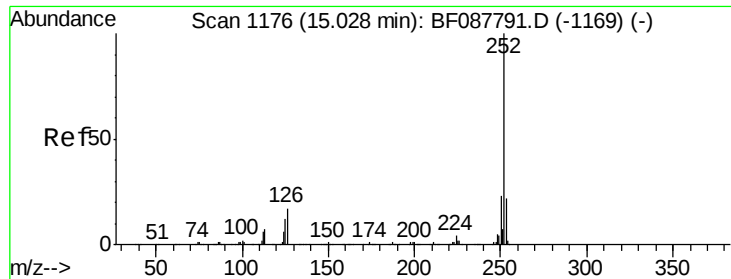
Tot Ion:264 Resp: 202902
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 22.6 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 46.56 ng m
RT: 14.97 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

Tgt Ion:252 Resp: 658409
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 14.1 7.1 10.7#

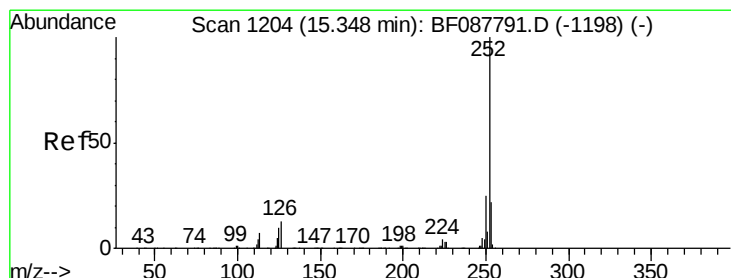
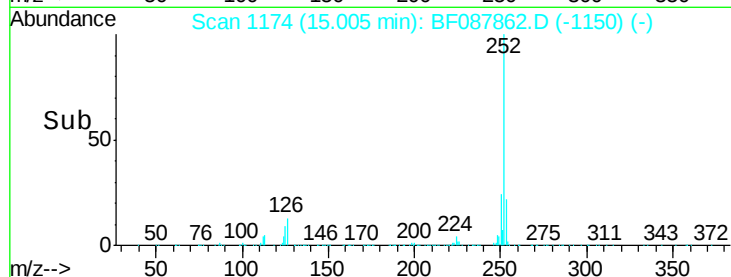
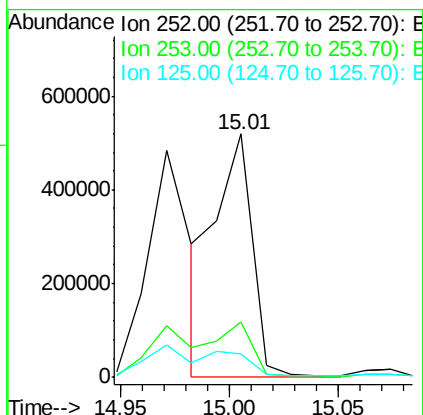
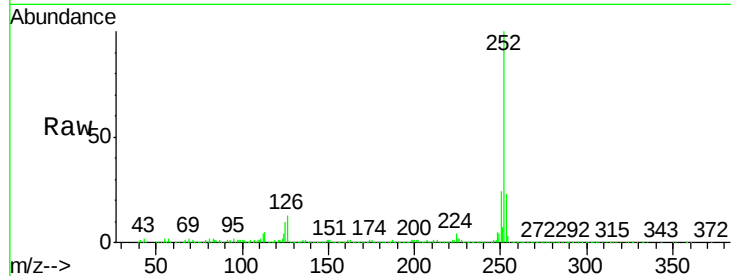




#88
Benzo(k)fluoranthene
Concen: 57.70 ng/mL
RT: 15.01 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

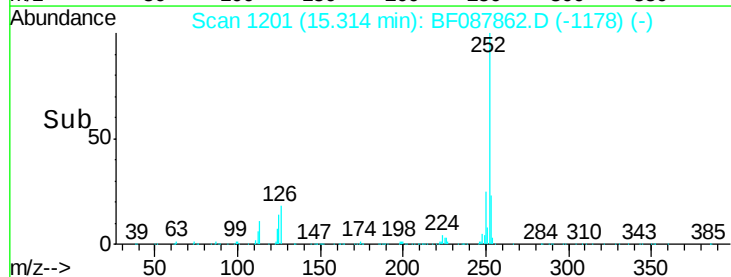
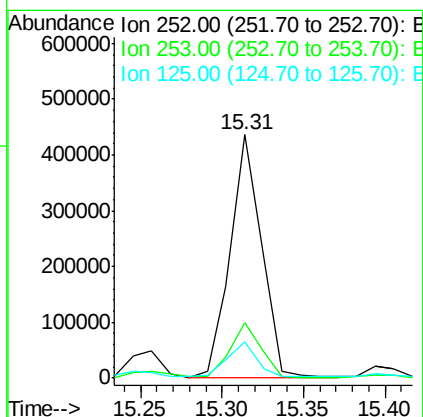
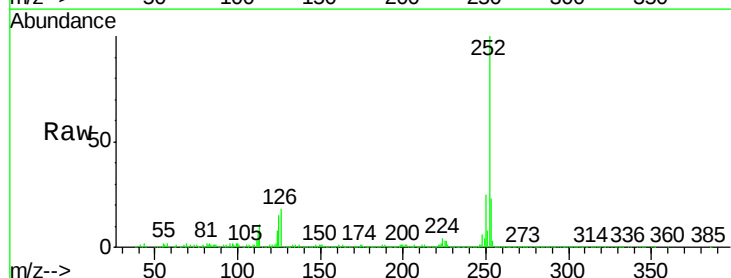
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMSD

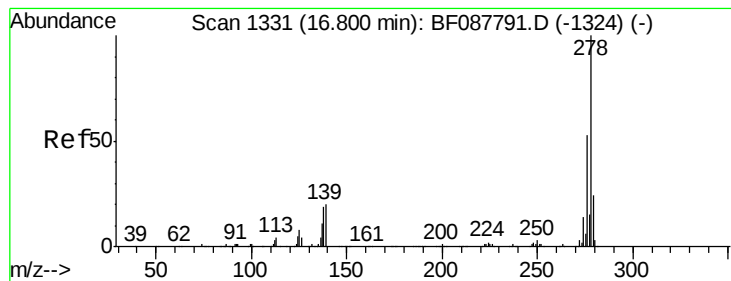
Tot Ion:252 Resp: 615501
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 9.6 11.2 16.8#



#89
Benzo(a)pyrene
Concen: 50.40 ng/mL
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF087862.D
Acq: 9 Jun 2016 19:53

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





#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

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMSD

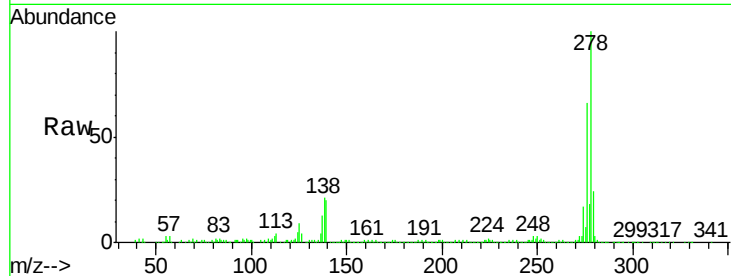
Tot Ion:278 Resp: 450366

Ion Ratio Lower Upper

278 100

139 20.3 15.7 23.5

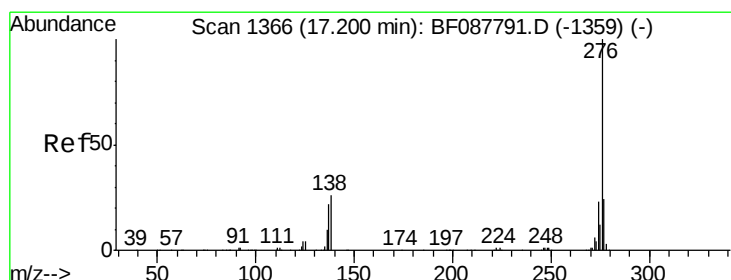
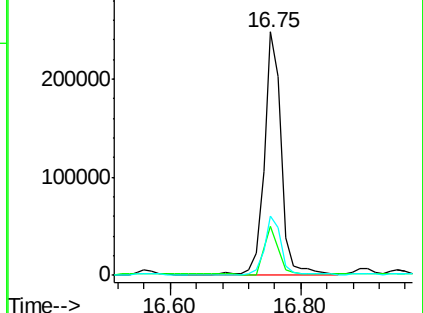
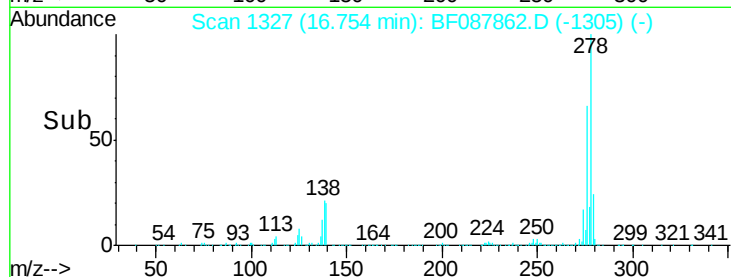
279 24.3 19.4 29.2



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

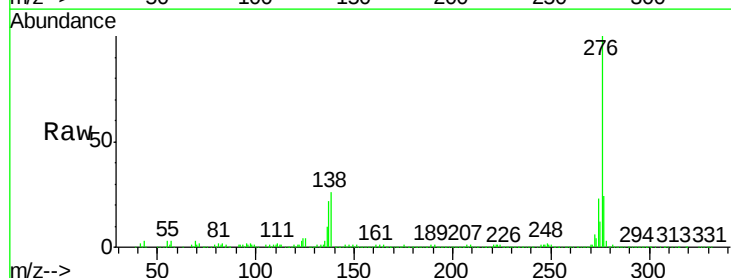
Tgt Ion:276 Resp: 455548

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 25.9 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

