

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
 Data File : BF087882.D
 Acq On : 10 Jun 2016 18:52
 Operator : UM/SJ
 Sample : H3356-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

Quant Time: Jun 11 01:59:16 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	6.81	152	120204	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	512039	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	221706	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	328626	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	225223	20.00	ng	-0.03
86) Perylene-d12	15.36	264	205444	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	597464	84.97	ng	-0.01
7) Phenol-d6	6.46	99	769386	90.29	ng	-0.02
23) Nitrobenzene-d5	7.38	82	453702	51.74	ng	-0.03
41) 2,4,6-Tribromophenol	10.64	330	174220	74.42	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	741684	50.29	ng	-0.03
78) Terphenyl-d14	12.91	244	696357	70.36	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	72592	21.25	ng	# 24
3) Pyridine	3.14	79	199773	24.76	ng	95
4) n-Nitrosodimethylamine	3.07	42	94493	27.66	ng	90
6) Aniline	6.48	93	193794	15.98	ng	99
8) 2-Chlorophenol	6.59	128	220384	26.48	ng	97
9) Benzaldehyde	6.35	77	17123	2.83	ng	95
10) Phenol	6.47	94	327982	36.83	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	211682	28.33	ng	95
12) 1,3-Dichlorobenzene	6.75	146	239575	26.83	ng	97
13) 1,4-Dichlorobenzene	6.83	146	254093	28.25	ng	97
14) 1,2-Dichlorobenzene	6.83	146	254093	31.06	ng	99
15) Benzyl Alcohol	6.96	79	194734	29.21	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	273271	27.07	ng	96
17) 2-Methylphenol	7.07	107	180031	26.67	ng	99
18) Hexachloroethane	7.32	117	73827	23.13	ng	# 86
19) n-Nitroso-di-n-propylamine	7.23	70	142419	26.13	ng	92
20) 3+4-Methylphenols	7.23	107	238922	30.34	ng	95
22) Acetophenone	7.22	105	298832	26.12	ng	# 88
24) Nitrobenzene	7.40	77	222315	26.17	ng	90
25) Isophorone	7.64	82	398776	24.55	ng	# 94
26) 2-Nitrophenol	7.71	139	109085	23.97	ng	96
27) 2,4-Dimethylphenol	7.76	122	201040	24.00	ng	95
28) bis(2-Chloroethoxy)methane	7.86	93	248964	24.71	ng	99
29) 2,4-Dichlorophenol	7.96	162	203609	29.11	ng	91
30) 1,2,4-Trichlorobenzene	8.04	180	213265	28.00	ng	99
31) Naphthalene	8.12	128	725283	28.62	ng	99
32) Benzoic acid	7.82	122	9658	2.09	ng	94
33) 4-Chloroaniline	8.17	127	115488	10.21	ng	97
34) Hexachlorobutadiene	8.24	225	107186	26.69	ng	97
35) Caprolactam	8.52	113	69163	29.85	ng	95
36) 4-Chloro-3-methylphenol	8.66	107	206378	27.59	ng	88
37) 2-Methylnaphthalene	8.91	142	429464	25.71	ng	94
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	191325	29.62	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	27810	7.78	ng	98

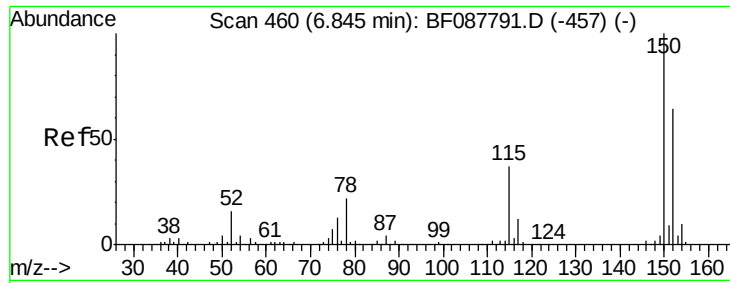
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
 Data File : BF087882.D
 Acq On : 10 Jun 2016 18:52
 Operator : UM/SJ
 Sample : H3356-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

Quant Time: Jun 11 01:59:16 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)
42) 2,4,6-Trichlorophenol	9.10	196	125132	28.22	ng	100
43) 2,4,5-Trichlorophenol	9.13	196	127005	27.53	ng #	87
45) 1,1'-Biphenyl	9.28	154	529713	29.72	ng	96
46) 2-Chloronaphthalene	9.30	162	411449	28.68	ng	94
47) 2-Nitroaniline	9.39	65	124180	29.34	ng	89
48) Acenaphthylene	9.71	152	627450	27.50	ng	99
49) Dimethylphthalate	9.58	163	630965	39.29	ng	99
50) 2,6-Dinitrotoluene	9.63	165	101066	27.48	ng #	54
51) Acenaphthene	9.88	154	375798	26.40	ng	99
52) 3-Nitroaniline	9.80	138	107111	25.24	ng	83
53) 2,4-Dinitrophenol	9.91	184	18922	14.13	ng #	84
54) Dibenzofuran	10.06	168	574574	29.31	ng	95
55) 4-Nitrophenol	9.96	139	171316	52.01	ng	92
56) 2,4-Dinitrotoluene	10.04	165	138190	29.24	ng #	89
57) Fluorene	10.40	166	450420	32.67	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	103690	28.60	ng #	52
59) Diethylphthalate	10.27	149	493139	30.34	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	179507	27.53	ng	94
61) 4-Nitroaniline	10.41	138	98358	24.43	ng	95
62) Azobenzene	10.55	77	453341	28.20	ng	96
64) 4,6-Dinitro-2-methylphenol	10.44	198	26512	14.50	ng #	61
65) n-Nitrosodiphenylamine	10.51	169	426154	39.08	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	127573	36.19	ng	92
67) Hexachlorobenzene	10.95	284	125024	34.13	ng #	71
68) Atrazine	11.04	200	131443	39.81	ng	96
69) Pentachlorophenol	11.13	266	138473	71.71	ng	95
70) Phenanthrene	11.35	178	612359	35.51	ng	100
71) Anthracene	11.40	178	619847	35.63	ng	99
72) Carbazole	11.55	167	585408	35.96	ng	99
73) Di-n-butylphthalate	11.90	149	796661	38.66	ng	99
74) Fluoranthene	12.54	202	611029	33.58	ng	99
76) Benzidine	12.66	184	249691	40.04	ng	97
77) Pyrene	12.77	202	681053	40.75	ng	99
79) Butylbenzylphthalate	13.38	149	269083	36.42	ng #	82
80) Benzo(a)anthracene	13.94	228	508541	39.62	ng	100
81) 3,3'-Dichlorobenzidine	13.91	252	131816	38.19	ng #	95
82) Chrysene	13.99	228	505784	41.89	ng	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	404895	45.01	ng	99
84) Di-n-octyl phthalate	14.56	149	713424	48.81	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.73	276	432281	38.53	ng #	100
87) Benzo(b)fluoranthene	14.99	252	955608	66.74	ng #	98
88) Benzo(k)fluoranthene	14.99	252	955608	88.47	ng #	97
89) Benzo(a)pyrene	15.30	252	418964	36.16	ng	100
90) Dibenzo(a,h)anthracene	16.74	278	360608	33.51	ng	100
91) Benzo(g,h,i)perylene	17.13	276	349665	31.59	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)CMSD

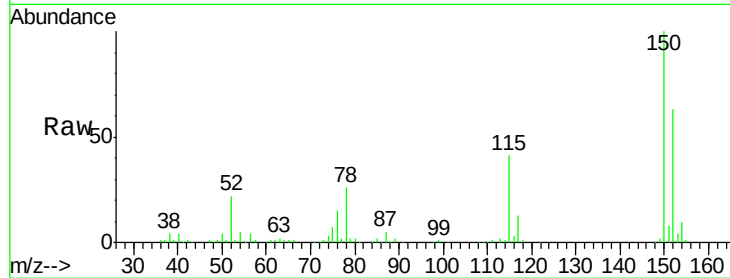
Tgt Ion:152 Resp: 120204

Ion Ratio Lower Upper

152 100

150 158.8 123.8 185.6

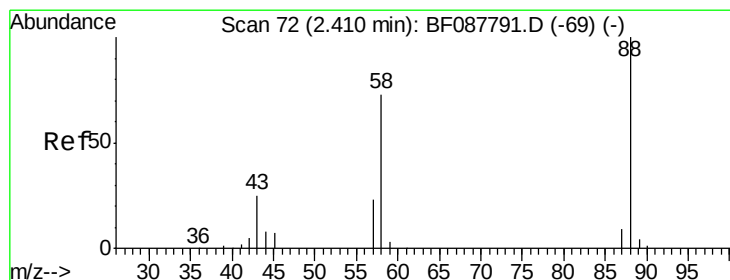
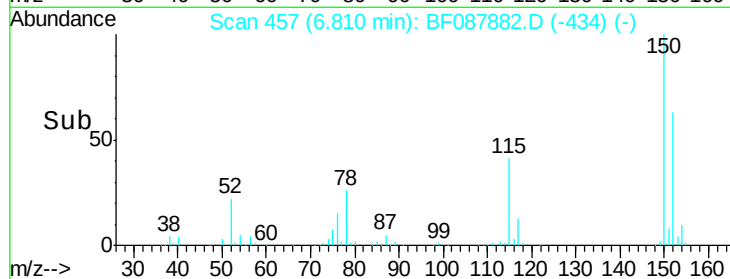
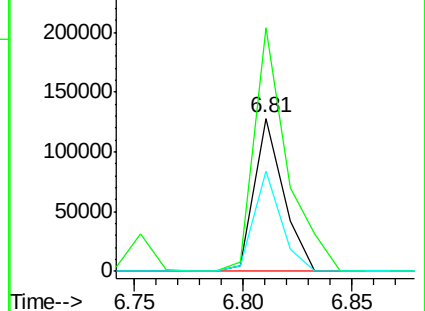
115 65.4 39.6 59.4#



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: 21.25 ng

RT: 2.42 min Scan# 73

Delta R.T. 0.01 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

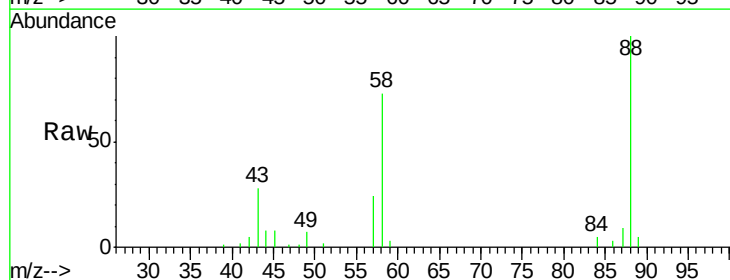
Tgt Ion: 88 Resp: 72592

Ion Ratio Lower Upper

88 100

58 73.7 0.0 0.0#

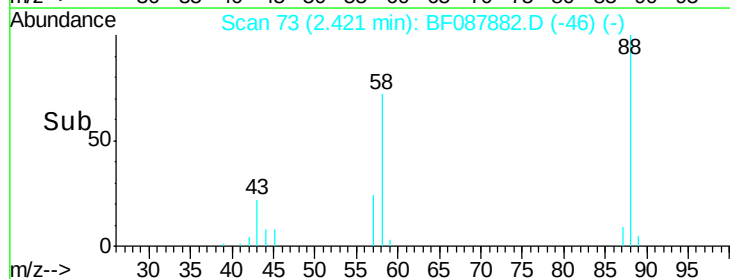
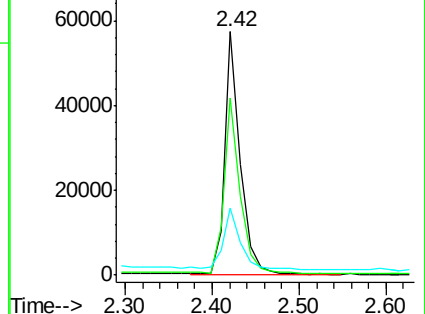
43 29.2 3.4 5.2#

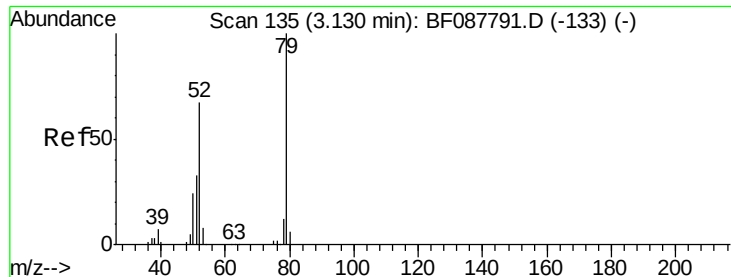


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 24.76 ng

RT: 3.14 min Scan# 136

Delta R.T. 0.01 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)CMSD

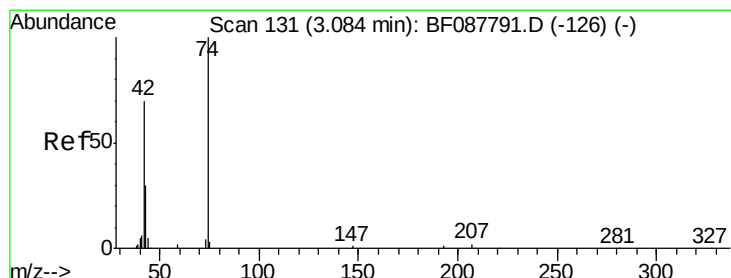
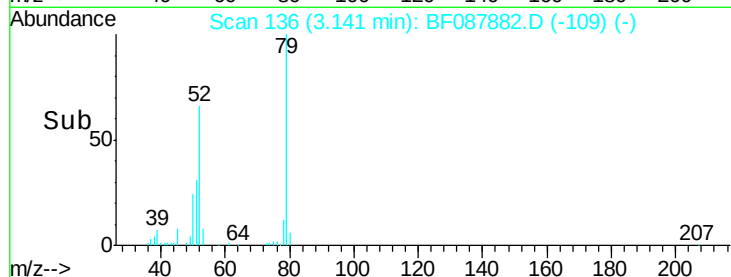
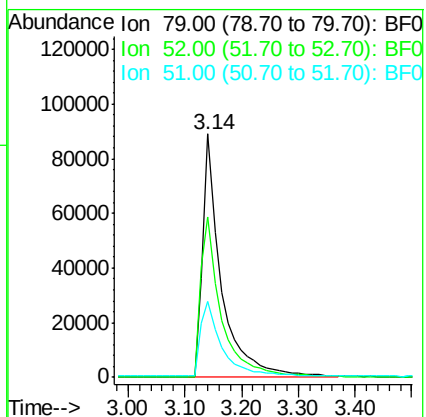
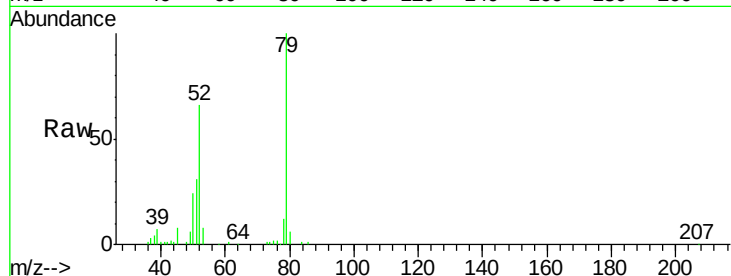
Tgt Ion: 79 Resp: 199773

Ion Ratio Lower Upper

79 100

52 65.9 56.3 84.5

51 31.4 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 27.66 ng

RT: 3.07 min Scan# 130

Delta R.T. -0.01 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

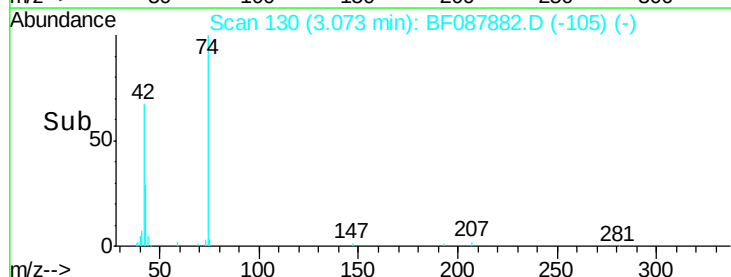
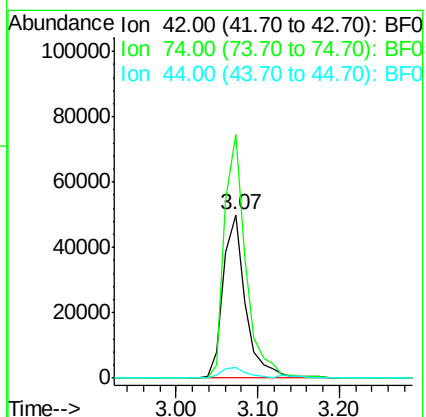
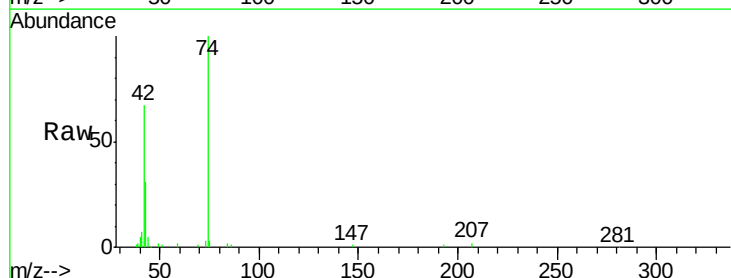
Tgt Ion: 42 Resp: 94493

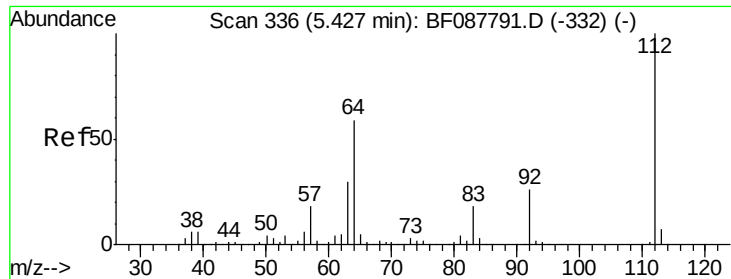
Ion Ratio Lower Upper

42 100

74 149.0 108.6 163.0

44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 84.97 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.01 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)CMSD

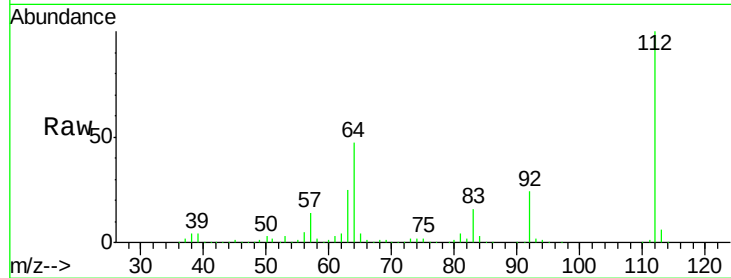
Tgt Ion: 112 Resp: 597464

Ion Ratio Lower Upper

112 100

64 47.5 42.2 63.2

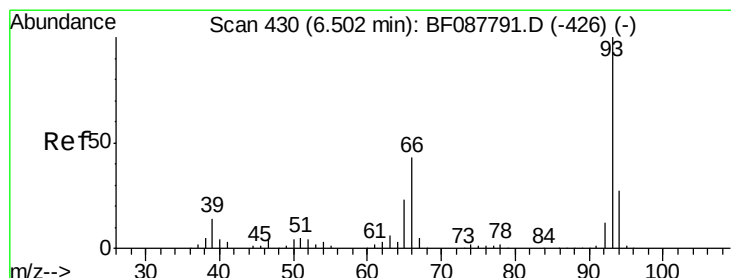
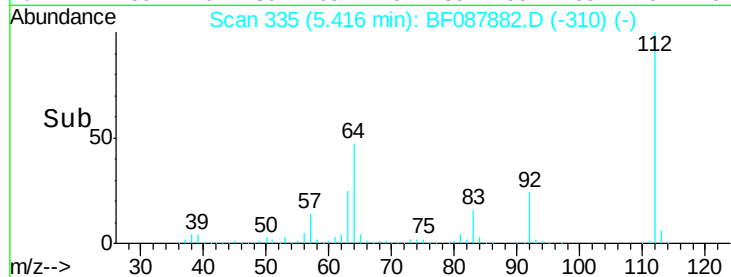
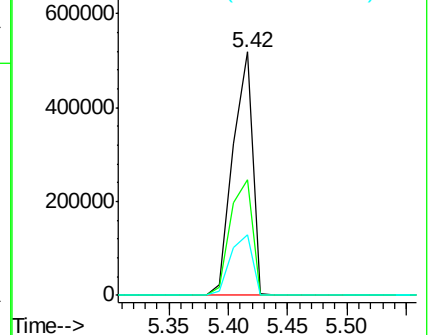
63 24.7 21.8 32.8



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: 15.98 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

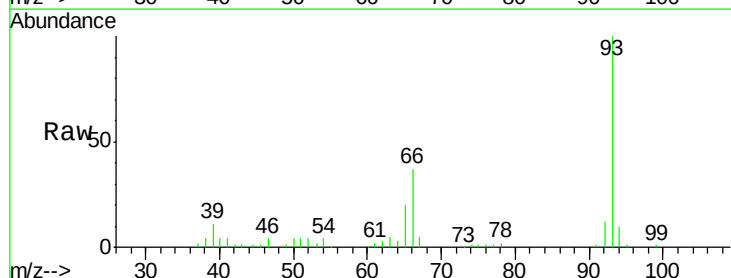
Tgt Ion: 93 Resp: 193794

Ion Ratio Lower Upper

93 100

66 37.3 29.8 44.8

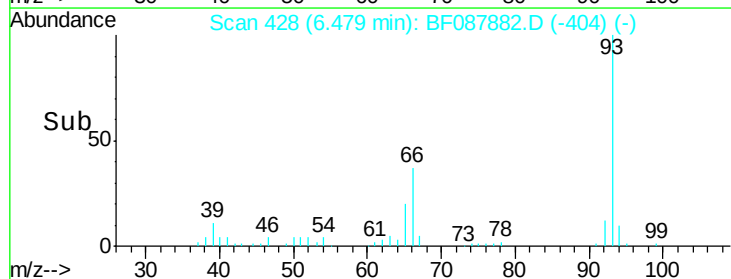
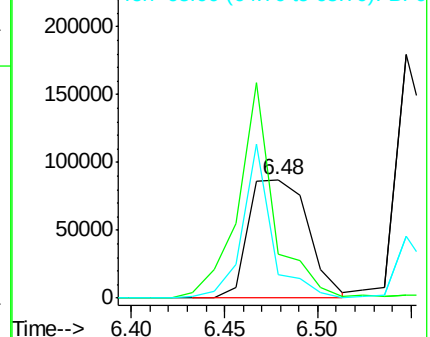
65 19.8 14.9 22.3

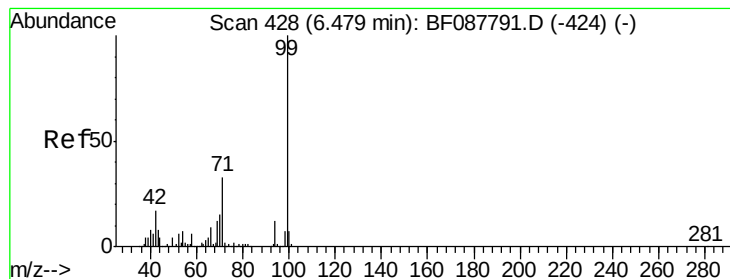


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 90.29 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)CMSD

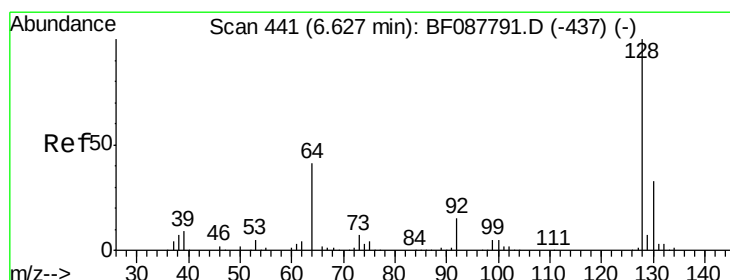
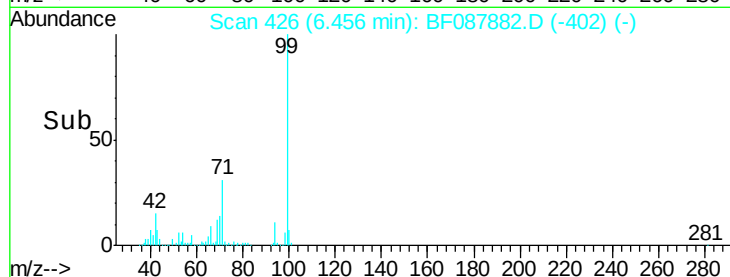
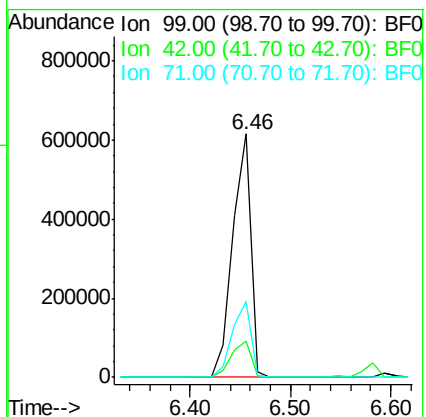
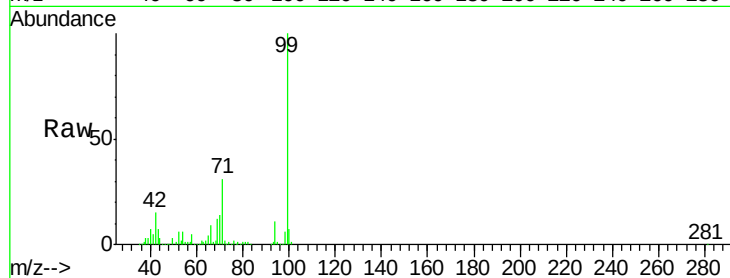
Tgt Ion: 99 Resp: 769386

Ion Ratio Lower Upper

99 100

42 14.9 12.2 18.2

71 31.4 23.4 35.0



#8

2-Chlorophenol

Concen: 26.48 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

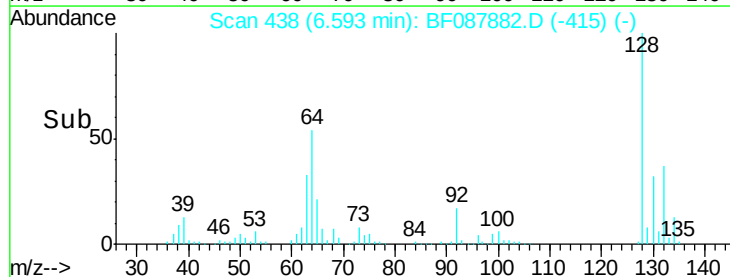
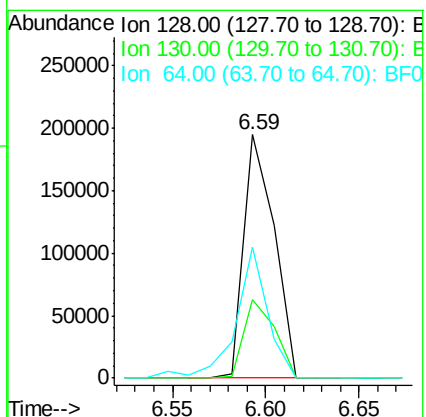
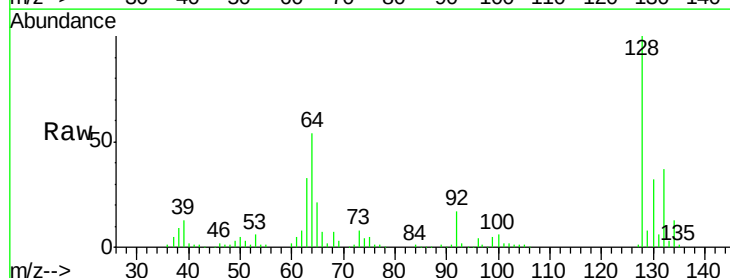
Tgt Ion: 128 Resp: 220384

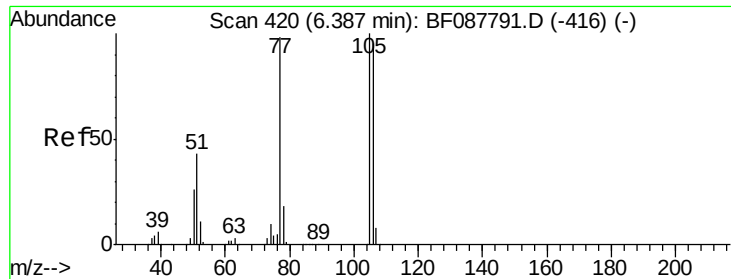
Ion Ratio Lower Upper

128 100

130 32.1 12.0 52.0

64 54.0 30.8 70.8





#9

Benzaldehyde

Concen: 2.83 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)CMSD

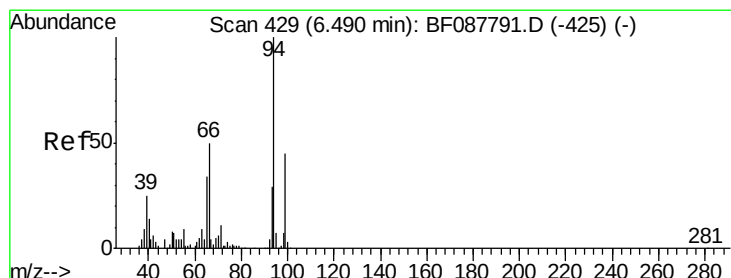
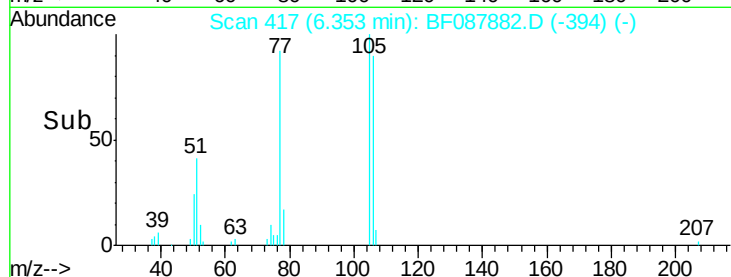
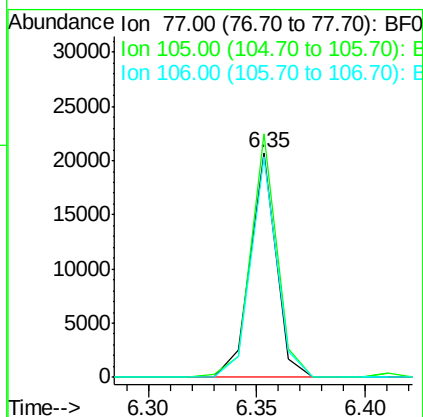
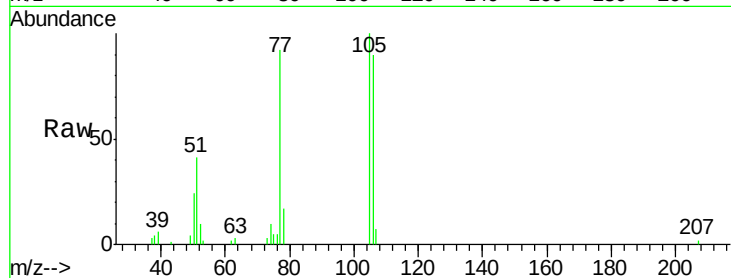
Tgt Ion: 77 Resp: 17123

Ion Ratio Lower Upper

77 100

105 108.2 90.6 130.6

106 97.9 85.3 125.3



#10

Phenol

Concen: 36.83 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.02 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

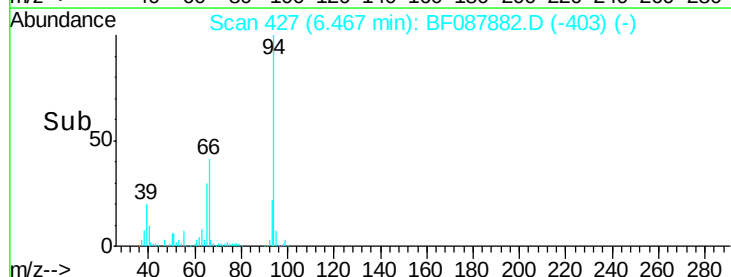
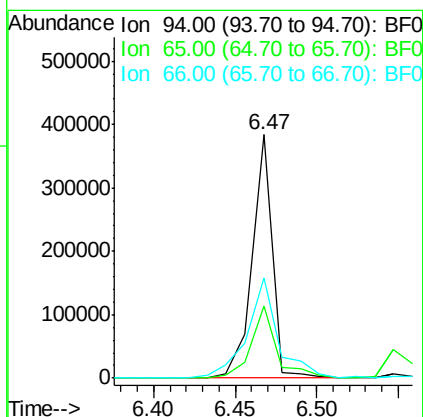
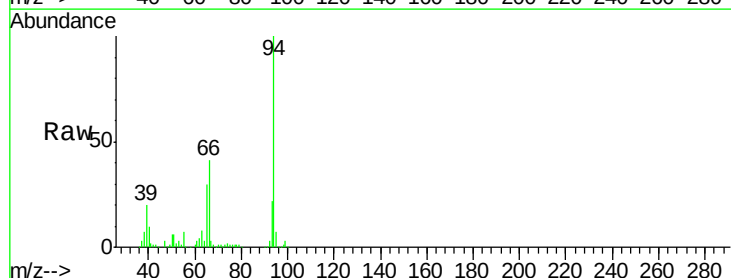
Tgt Ion: 94 Resp: 327982

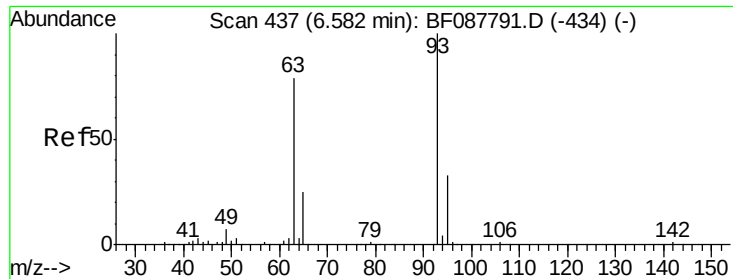
Ion Ratio Lower Upper

94 100

65 29.7 5.9 45.9

66 41.4 14.0 54.0

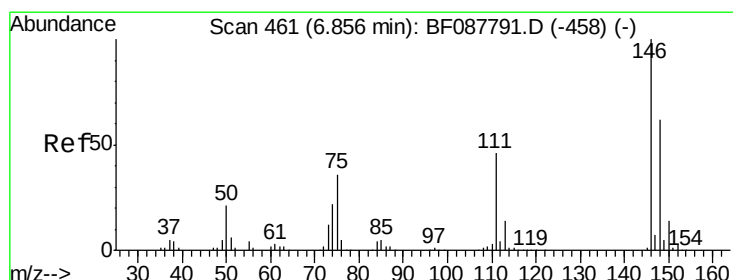
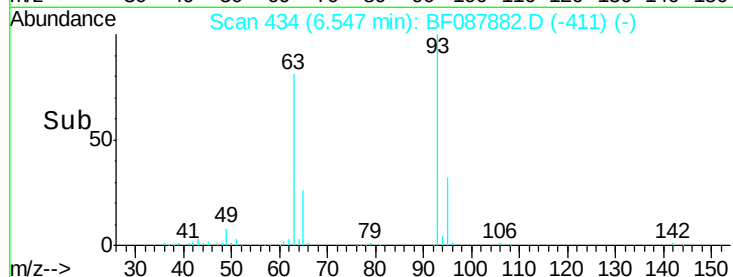
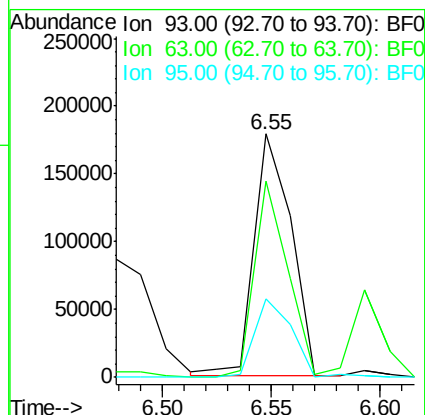
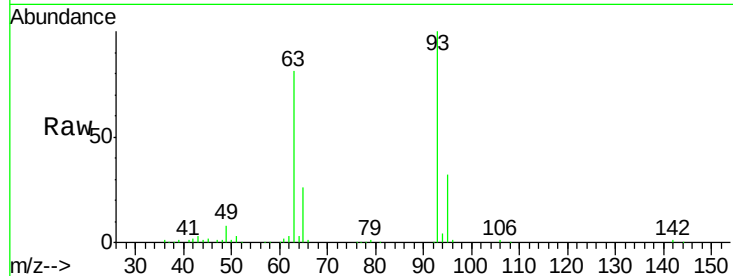




#11
bis(2-Chloroethyl)ether
Concen: 28.33 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

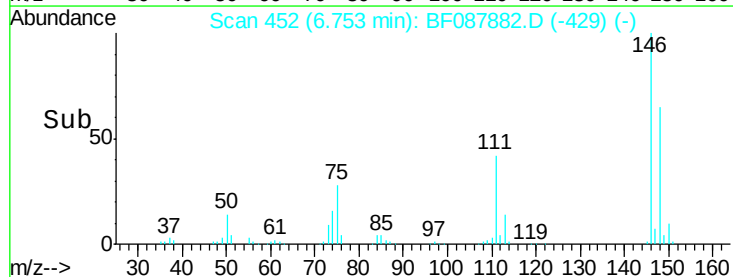
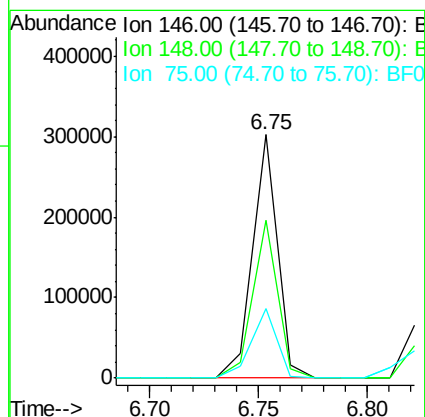
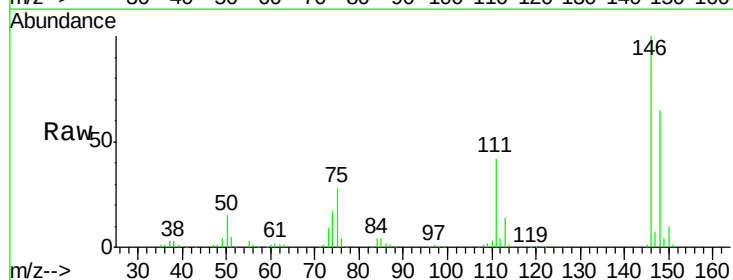
Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

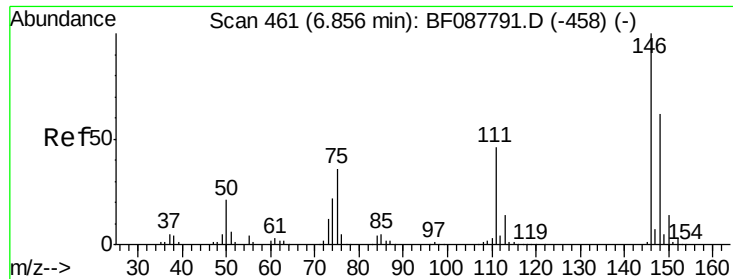
Tgt Ion: 93 Resp: 211682
Ion Ratio Lower Upper
93 100
63 80.7 67.6 107.6
95 32.3 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 26.83 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion: 146 Resp: 239575
Ion Ratio Lower Upper
146 100
148 64.6 50.9 76.3
75 28.4 25.6 38.4

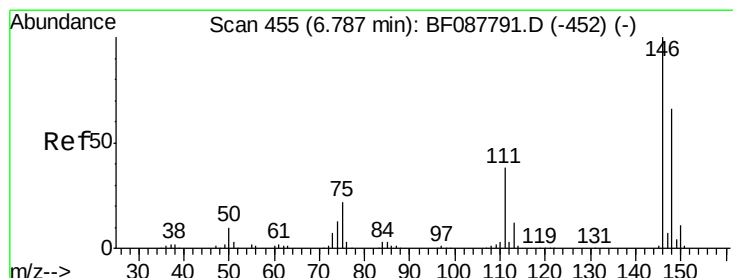
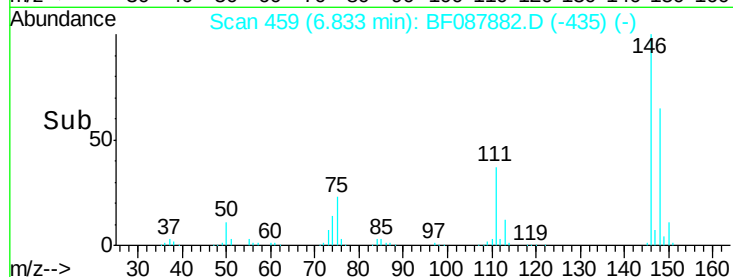
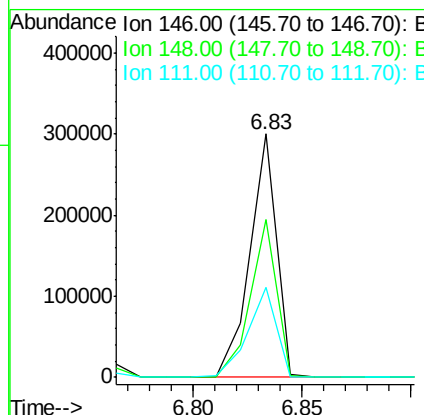
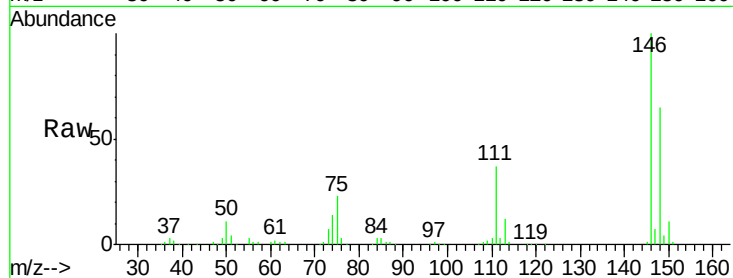




#13
 1,4-Dichlorobenzene
 Concen: 28.25 ng
 RT: 6.83 min Scan# 459
 Delta R.T. -0.02 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

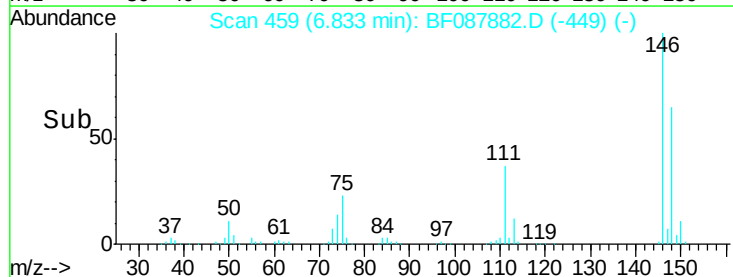
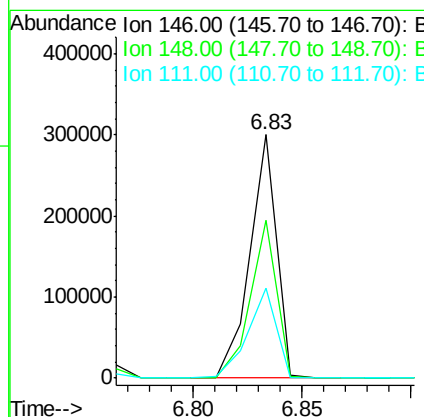
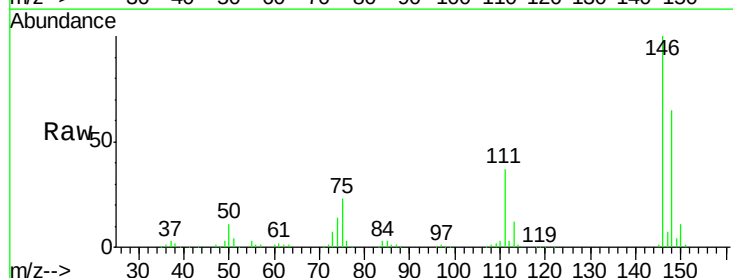
Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

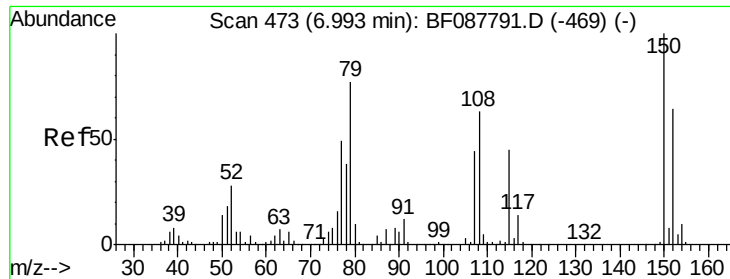
Tgt Ion:146 Resp: 254093
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.0 78.0
 111 37.0 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 31.06 ng
 RT: 6.83 min Scan# 459
 Delta R.T. -0.18 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion:146 Resp: 254093
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.3 78.5
 111 37.0 28.7 43.1

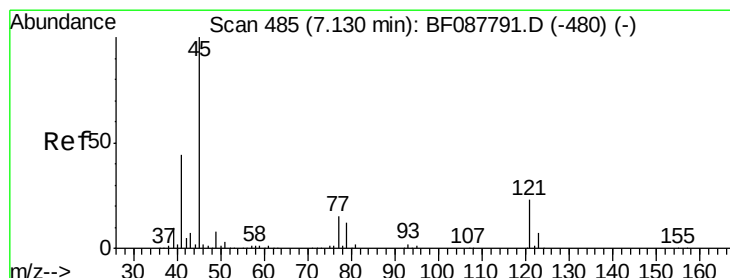
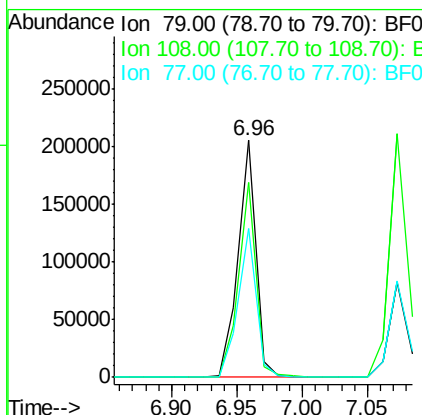
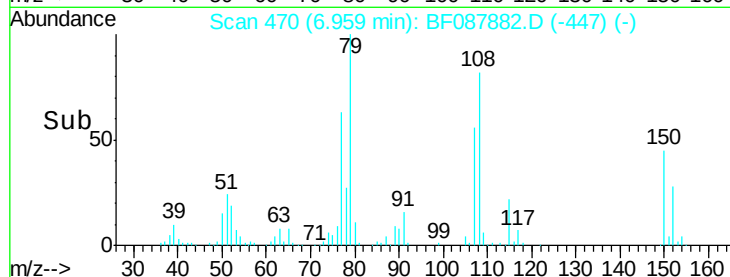
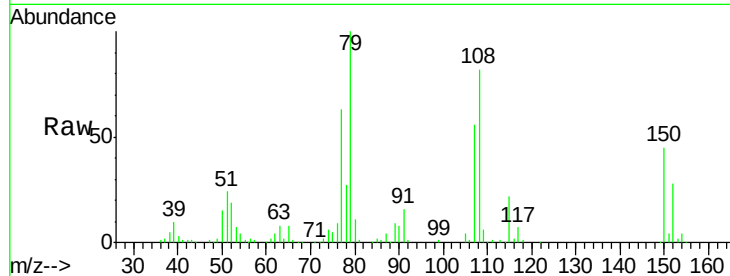




#15
Benzyl Alcohol
Concen: 29.21 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

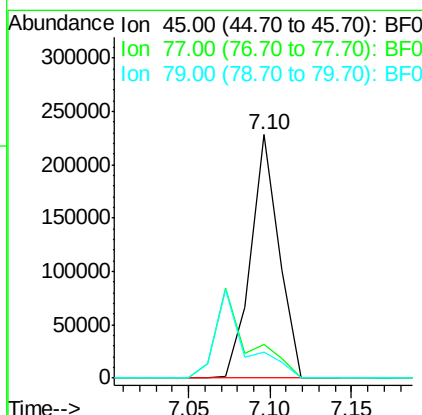
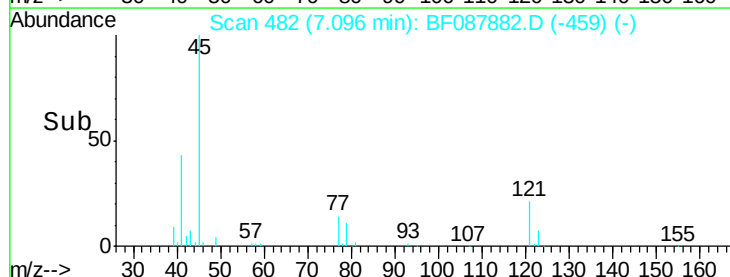
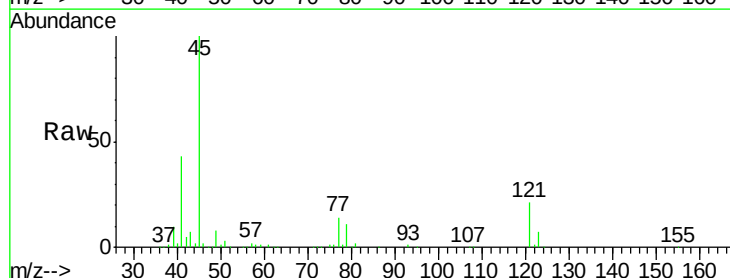
Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

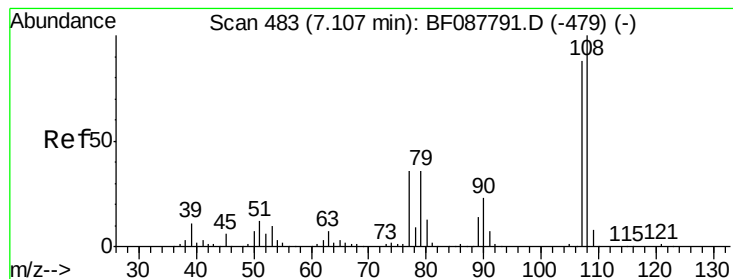
Tgt Ion: 79 Resp: 194734
Ion Ratio Lower Upper
79 100
108 82.3 65.0 97.6
77 62.9 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.07 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion: 45 Resp: 273271
Ion Ratio Lower Upper
45 100
77 14.0 0.0 32.5
79 10.8 0.0 29.5





#17

2-Methylphenol

Concen: 26.67 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)CMSD

Tgt Ion:107 Resp: 180031

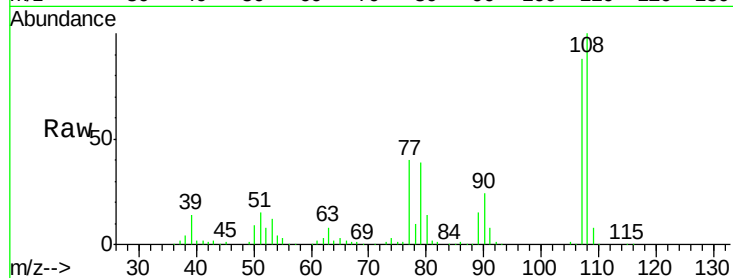
Ion Ratio Lower Upper

107 100

108 113.2 90.9 136.3

77 45.0 36.6 55.0

79 44.3 36.5 54.7

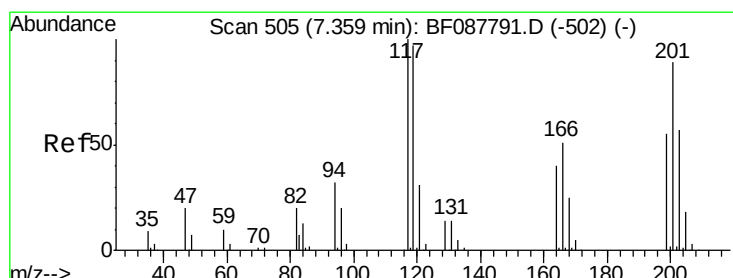
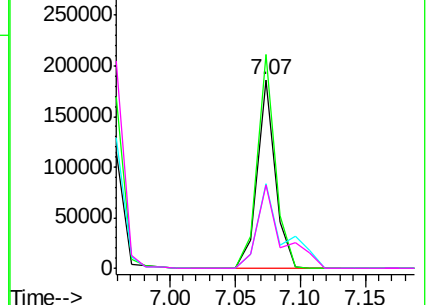
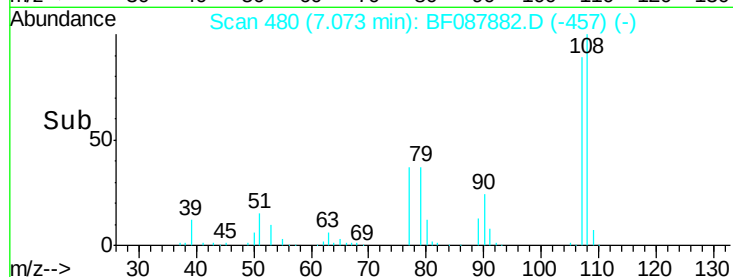


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 23.13 ng

RT: 7.32 min Scan# 502

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

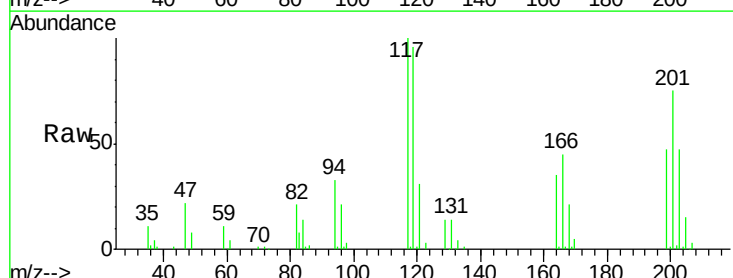
Tgt Ion:117 Resp: 73827

Ion Ratio Lower Upper

117 100

119 95.7 77.4 116.2

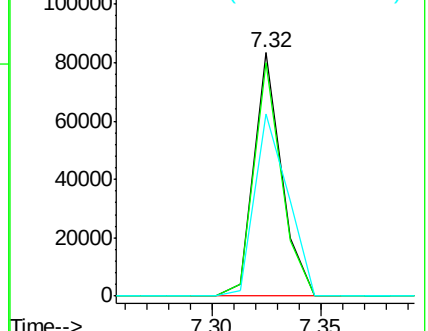
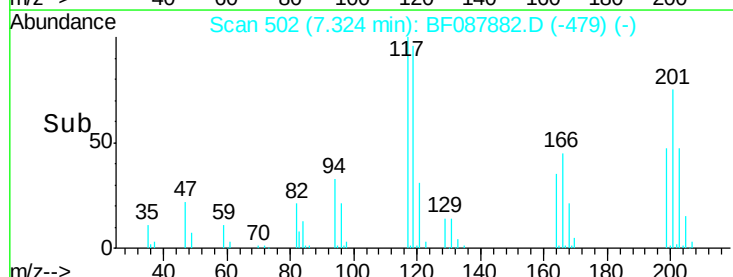
201 74.6 80.4 120.6#

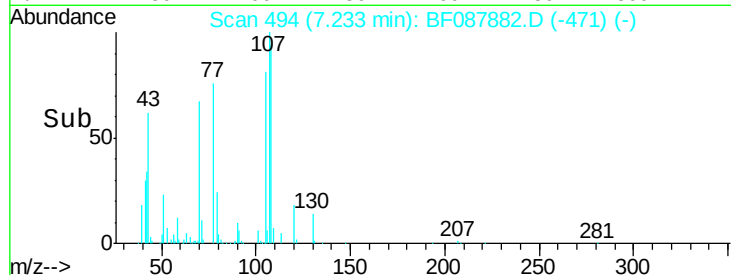
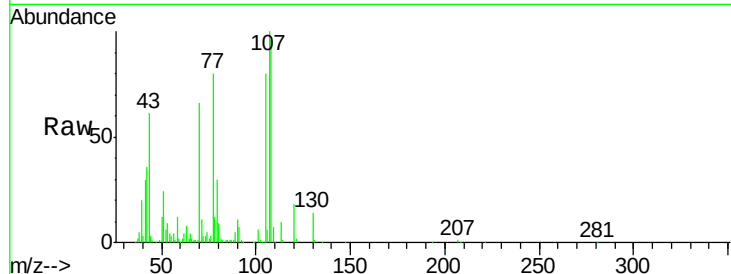
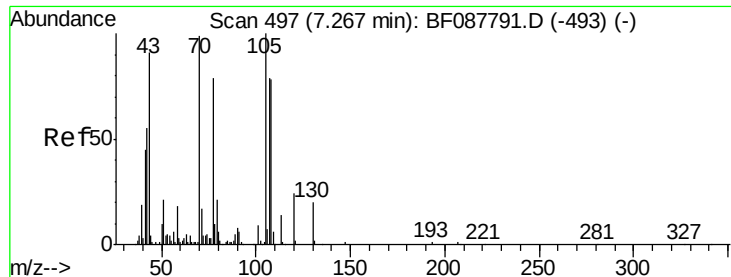


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

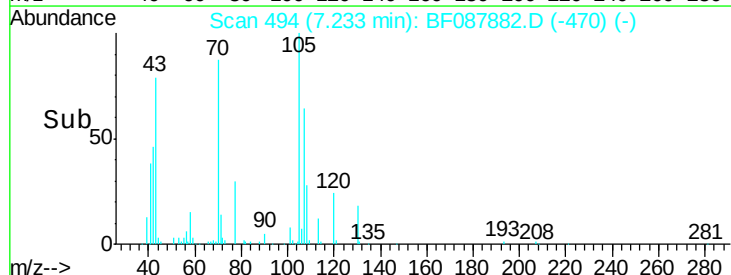
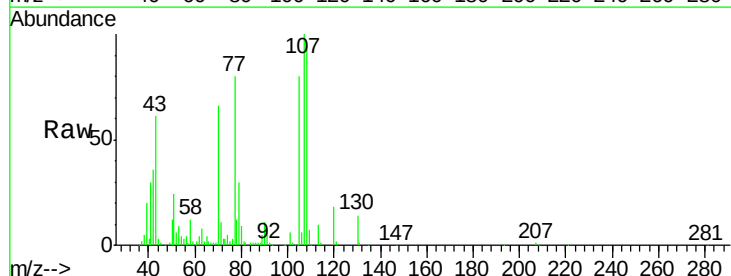
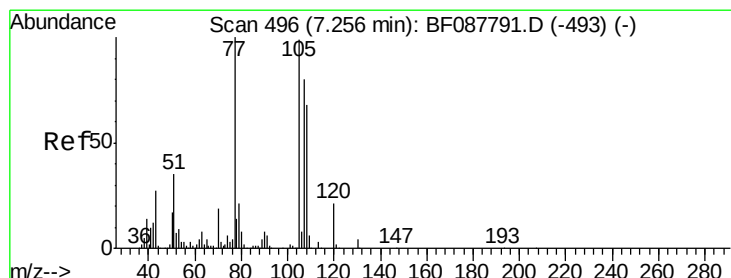
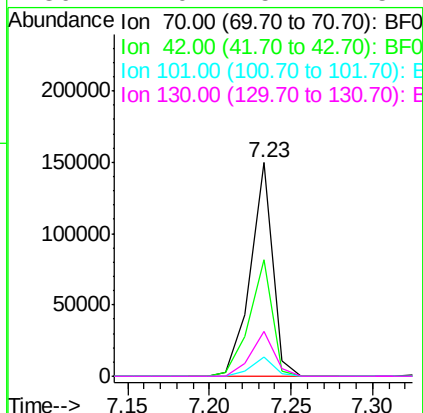




#19
n-Nitroso-di-n-propylamine
Concen: 26.13 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

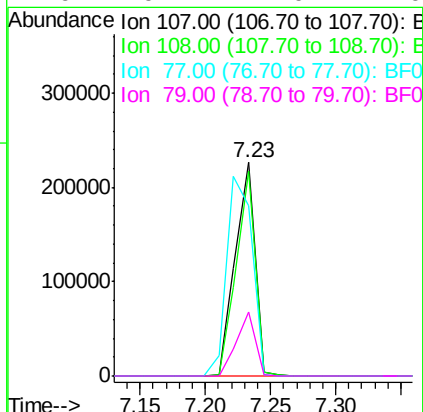
Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

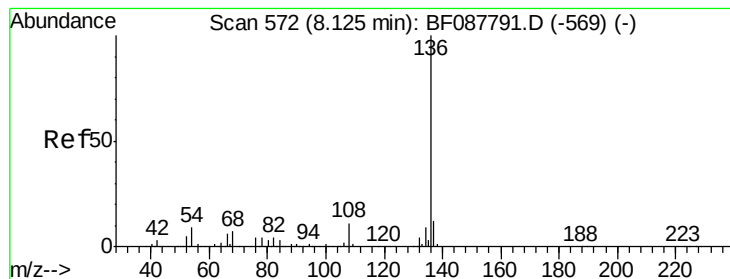
Tgt Ion:	70	Resp:	142419
Ion	Ratio	Lower	Upper
70	100		
42	54.5	49.6	74.4
101	9.2	7.1	10.7
130	21.0	15.4	23.2



#20
3+4-Methylphenols
Concen: 30.34 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion:	107	Resp:	238922
Ion	Ratio	Lower	Upper
107	100		
108	95.6	67.8	107.8
77	79.7	59.3	99.3
79	29.7	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)CMSD

Tgt Ion:136 Resp: 512039

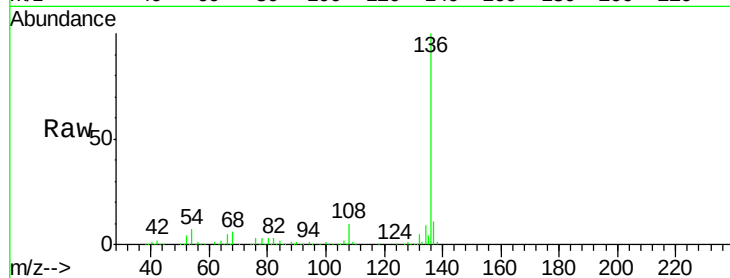
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.2 6.6 10.0

68 5.9 5.1 7.7

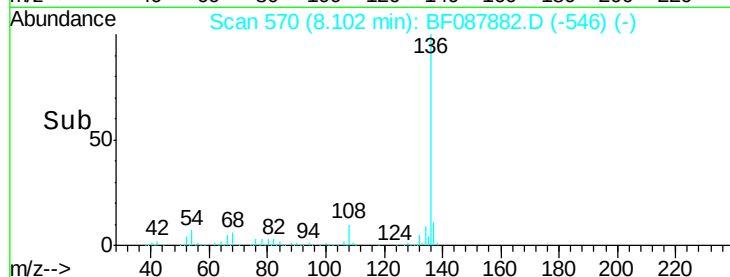


Abundance Ion 136.00 (135.70 to 136.70): E

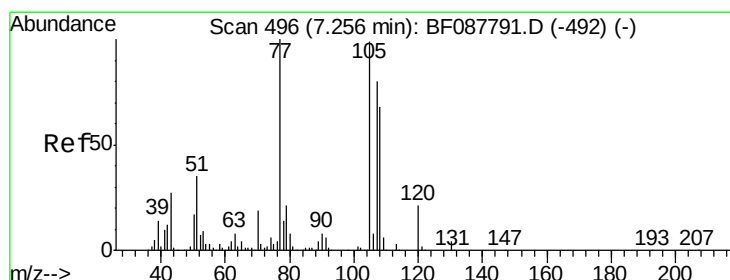
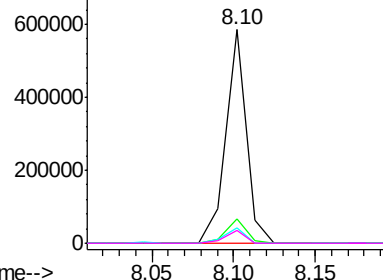
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 26.12 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Tgt Ion:105 Resp: 298832

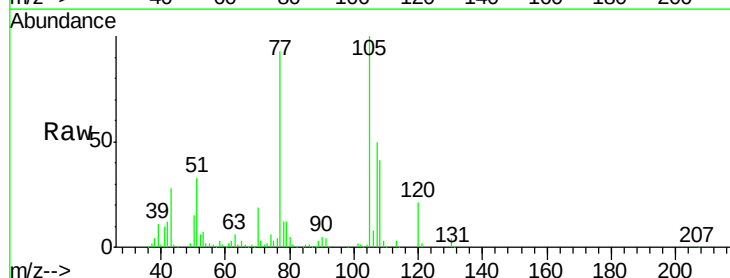
Ion Ratio Lower Upper

105 100

71 3.3 5.3 7.9#

51 33.5 18.2 27.4#

120 21.4 18.0 27.0

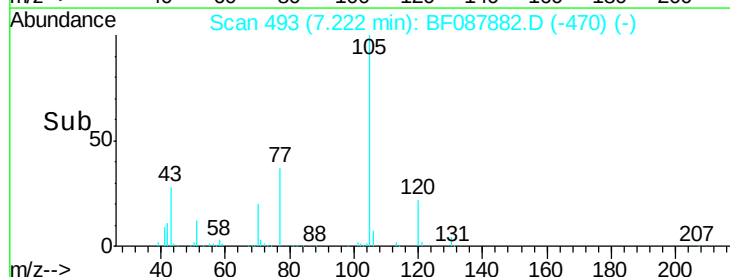


Abundance Ion 105.00 (104.70 to 105.70): E

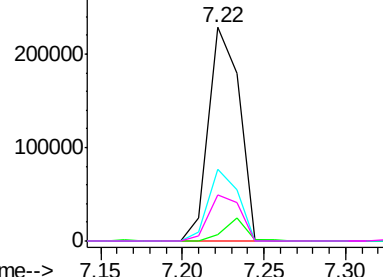
Ion 71.00 (70.70 to 71.70): BF0

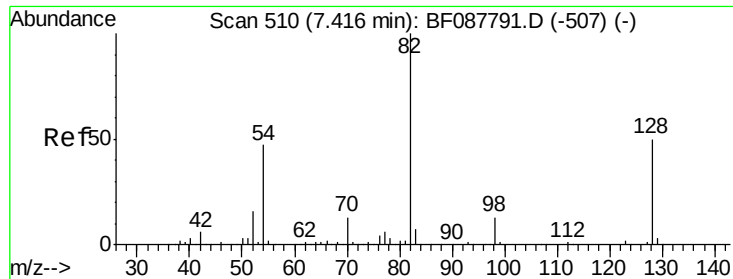
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

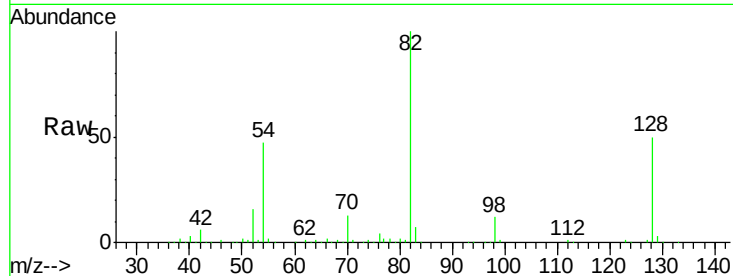




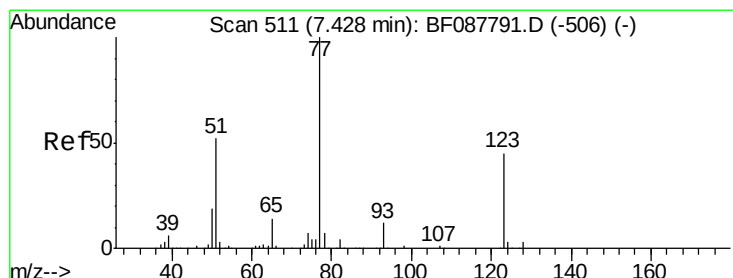
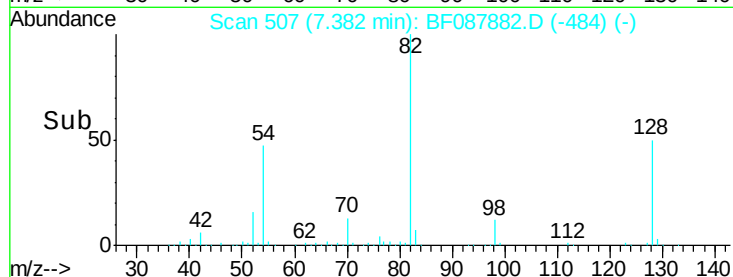
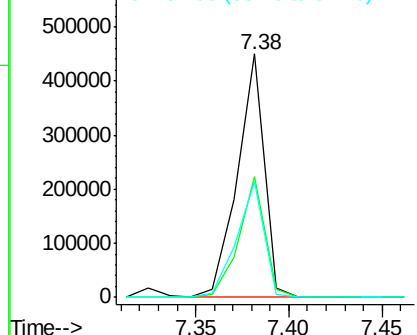
#23
Nitrobenzene-d5
Concen: 51.74 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

Tgt Ion: 82 Resp: 453702
Ion Ratio Lower Upper
82 100
128 49.7 35.9 53.9
54 47.5 40.9 61.3

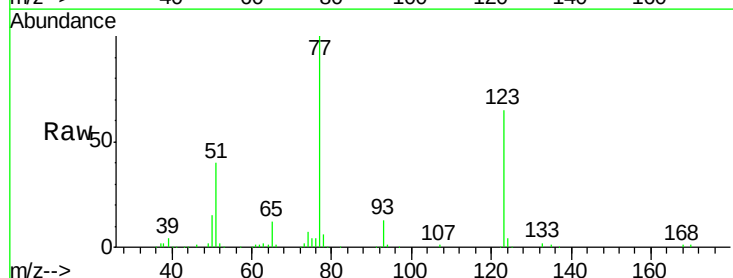


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

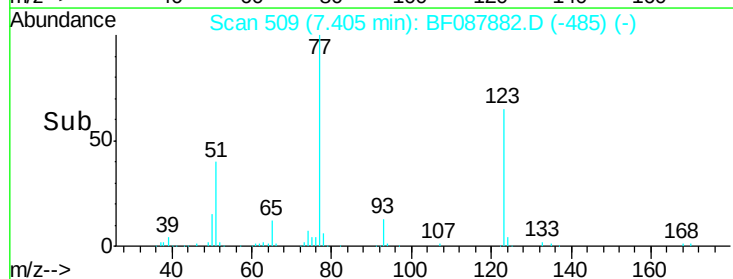
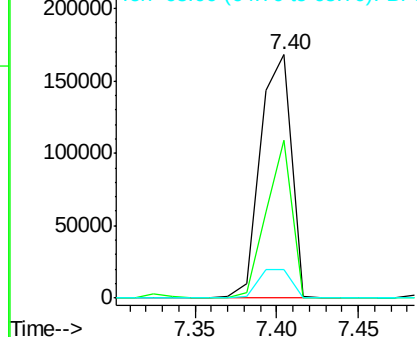


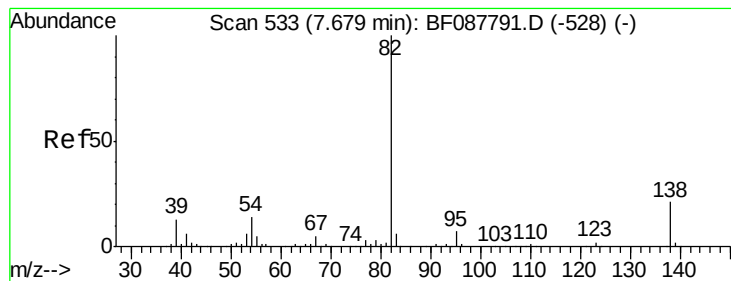
#24
Nitrobenzene
Concen: 26.17 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion: 77 Resp: 222315
Ion Ratio Lower Upper
77 100
123 64.9 45.0 67.4
65 11.8 10.2 15.2



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





#25

Isophorone

Concen: 24.55 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)CMSD

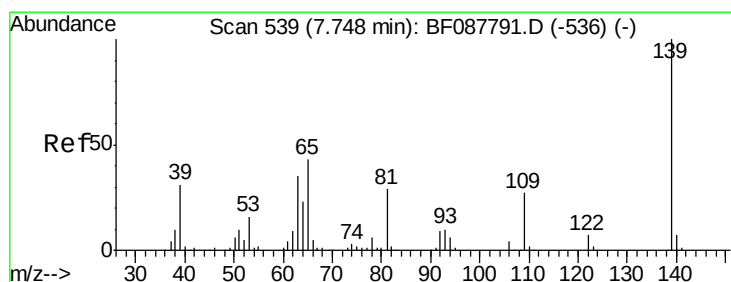
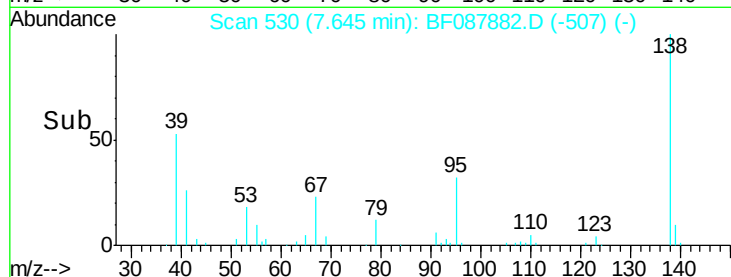
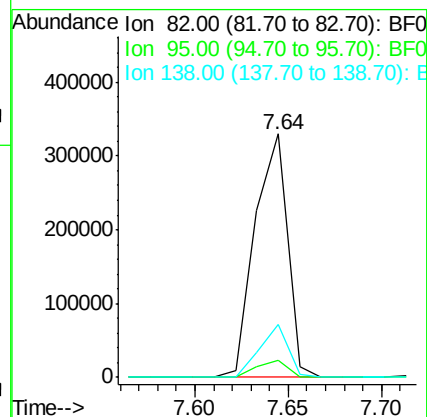
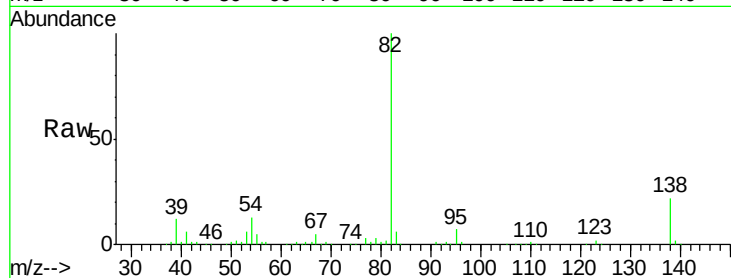
Tgt Ion: 82 Resp: 398776

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 21.8 14.6 21.8#



#26

2-Nitrophenol

Concen: 23.97 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

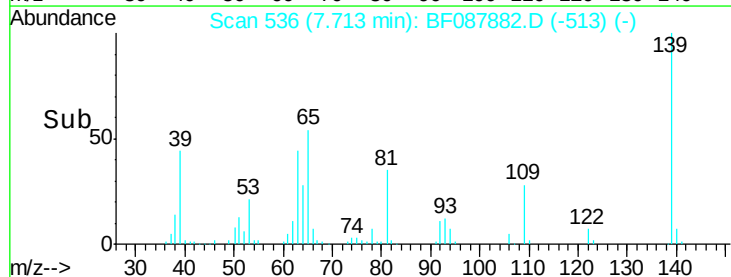
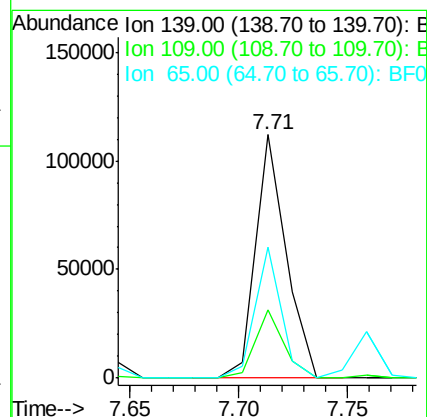
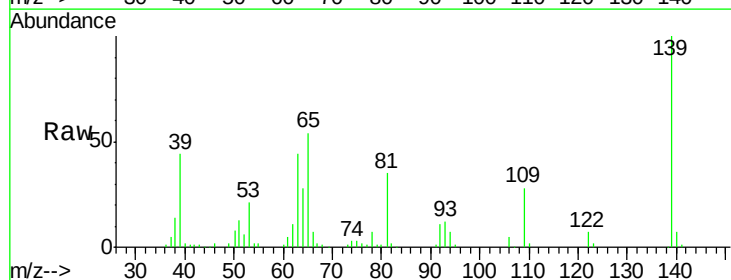
Tgt Ion: 139 Resp: 109085

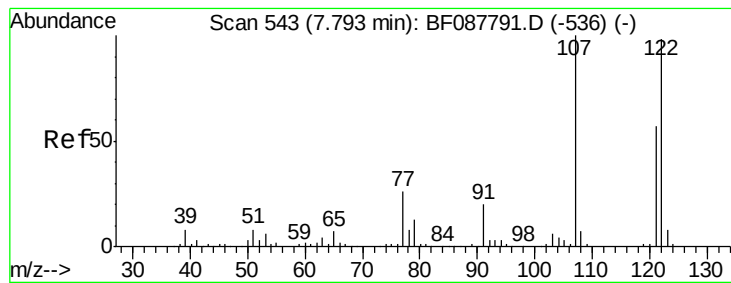
Ion Ratio Lower Upper

139 100

109 28.1 23.0 34.4

65 53.7 45.8 68.8





#27

2,4-Dimethylphenol

Concen: 24.00 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)CMSD

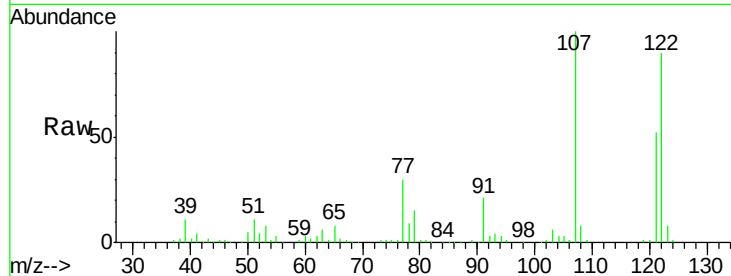
Tgt Ion: 122 Resp: 201040

Ion Ratio Lower Upper

122 100

107 111.3 82.4 123.6

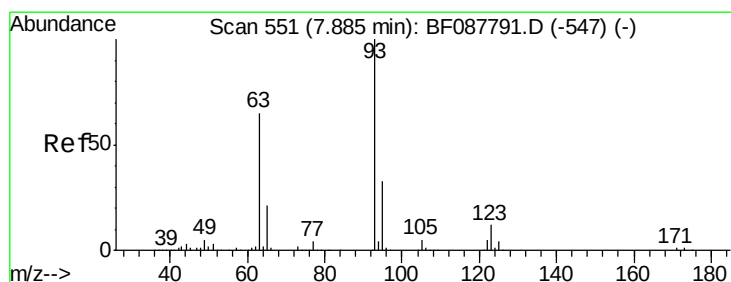
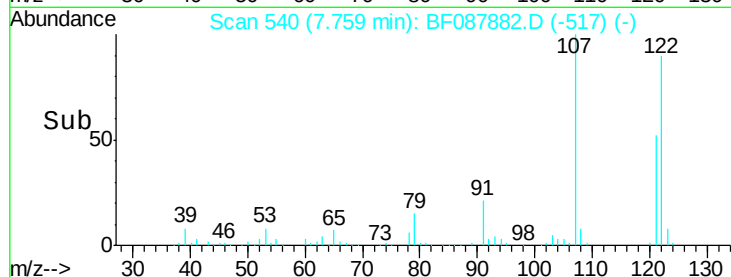
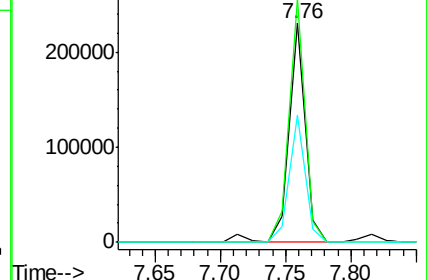
121 58.0 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 24.71 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

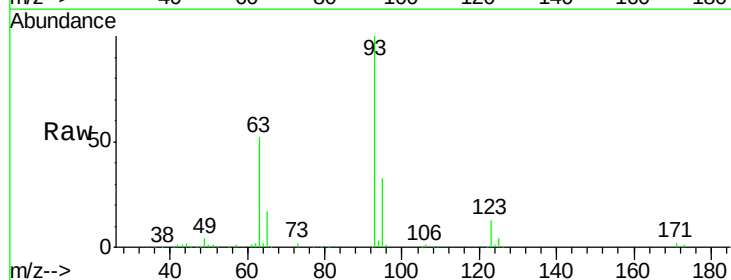
Tgt Ion: 93 Resp: 248964

Ion Ratio Lower Upper

93 100

95 33.3 26.5 39.7

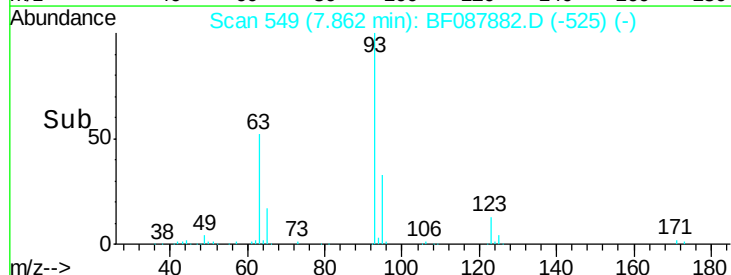
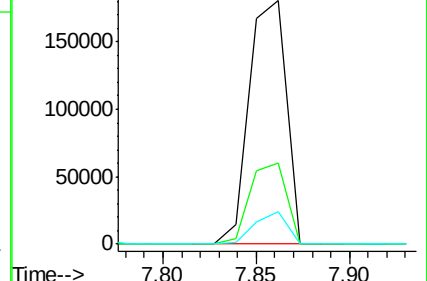
123 13.3 11.6 17.4

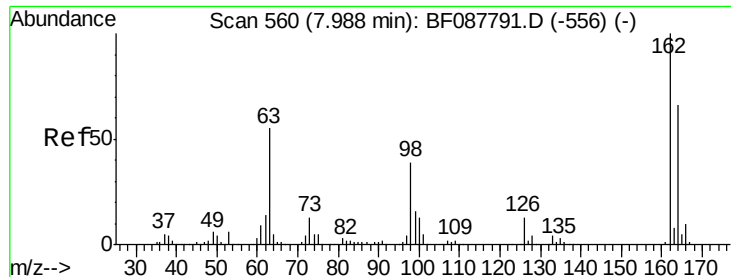


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

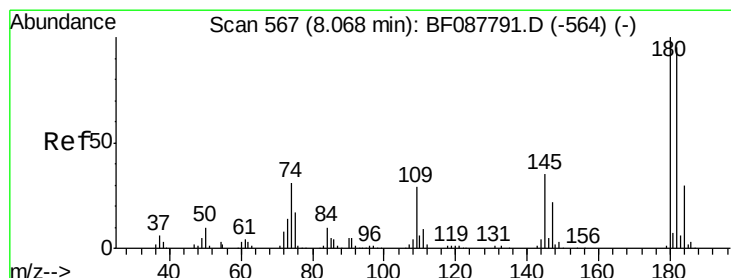
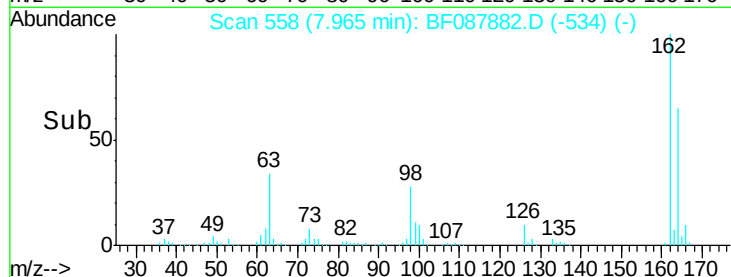
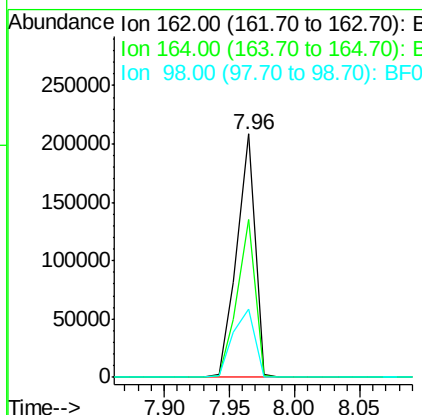
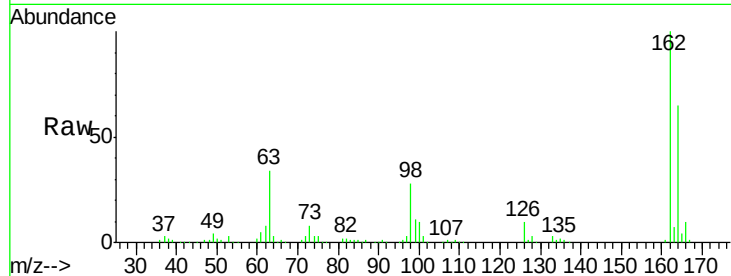




#29
 2,4-Dichlorophenol
 Concen: 29.11 ng
 RT: 7.96 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

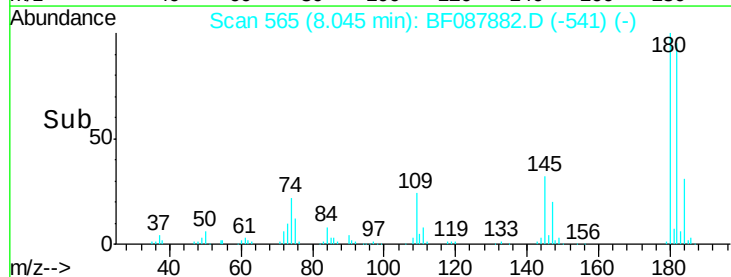
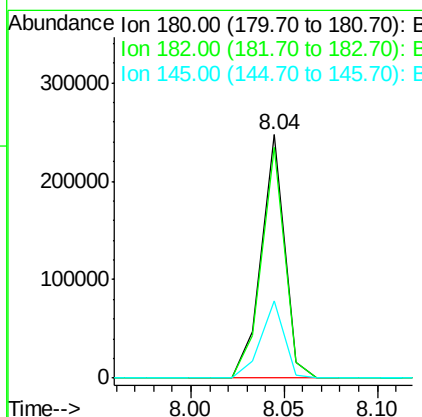
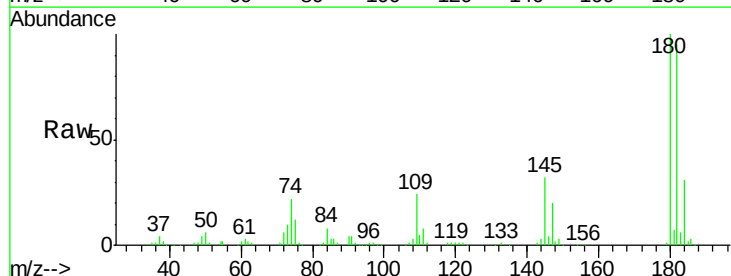
Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

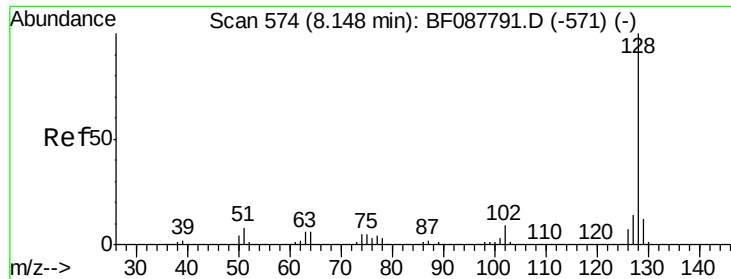
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.8	83.8
98	27.9	21.3	61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 28.00 ng
 RT: 8.04 min Scan# 565
 Delta R.T. -0.02 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.0	114.0
145	31.7	26.5	39.7

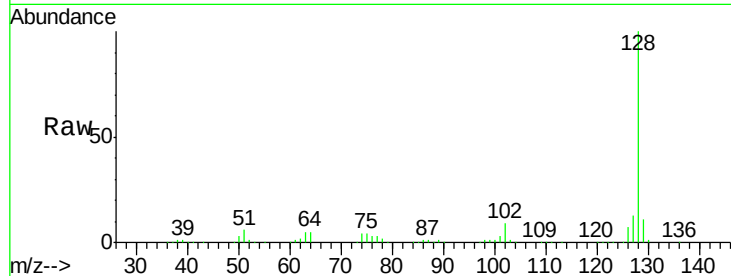




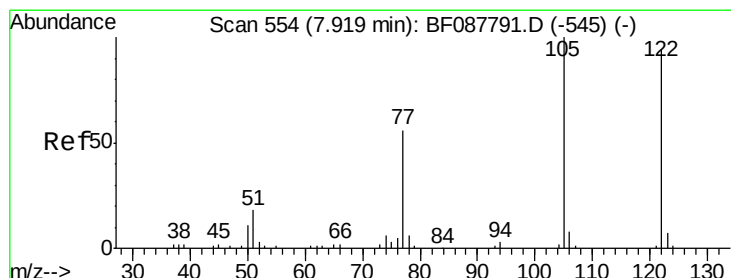
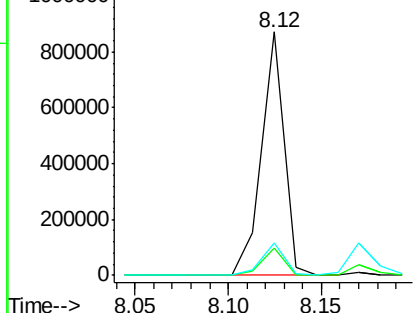
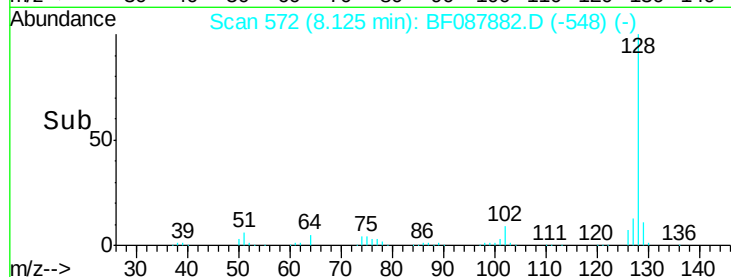
#31
Naphthalene
Concen: 28.62 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

Tgt Ion:128 Resp: 725283
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.4 10.9 16.3

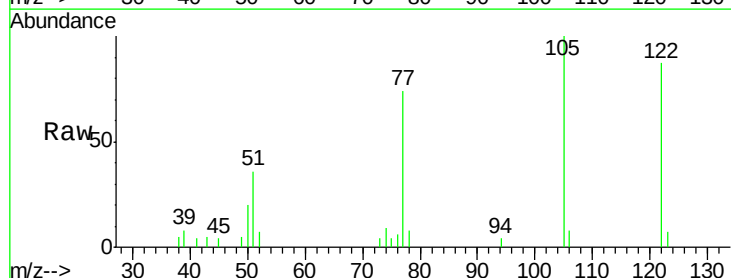


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

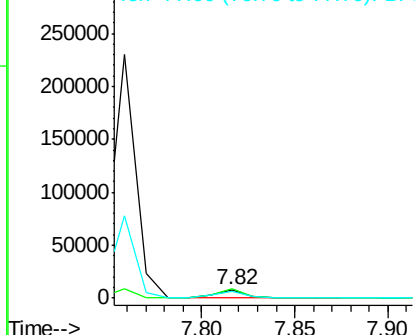
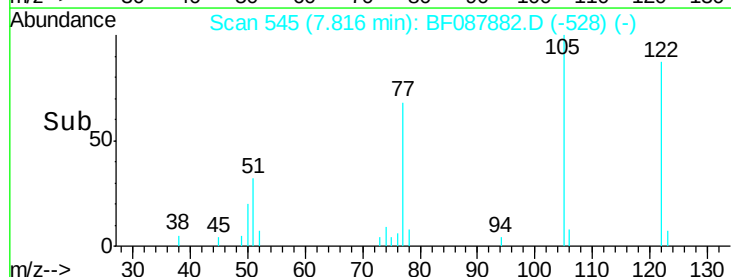


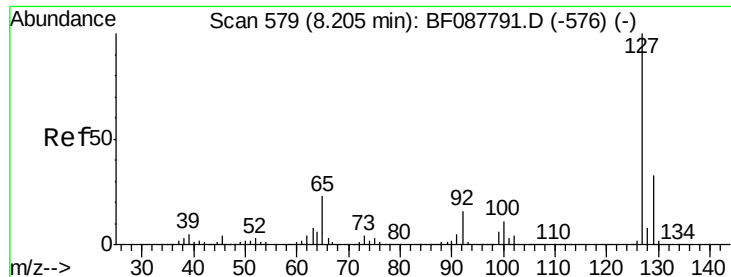
#32
Benzoic acid
Concen: 2.09 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.10 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion:122 Resp: 9658
Ion Ratio Lower Upper
122 100
105 114.7 101.6 141.6
77 84.8 70.6 110.6



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

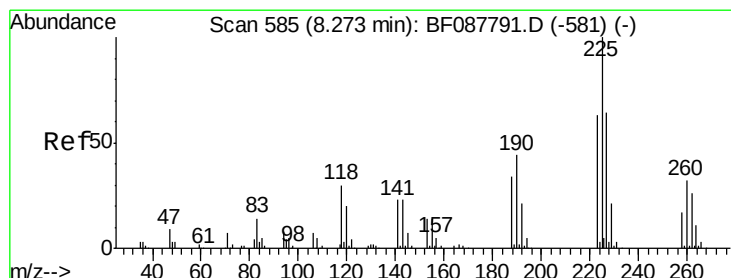
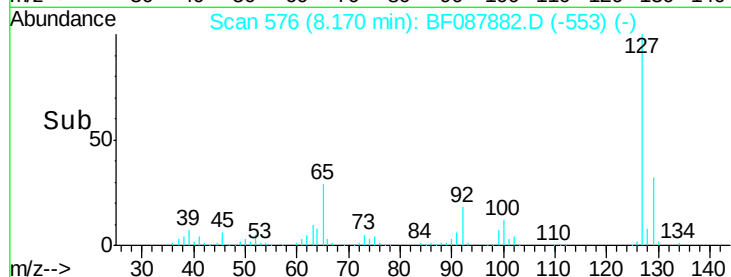
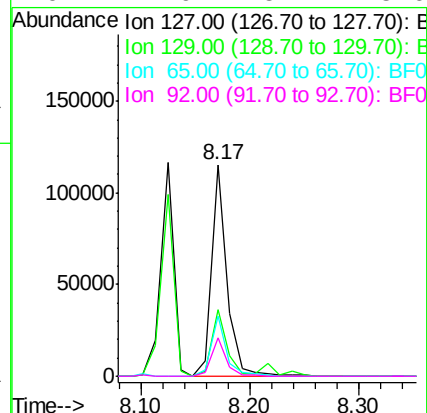
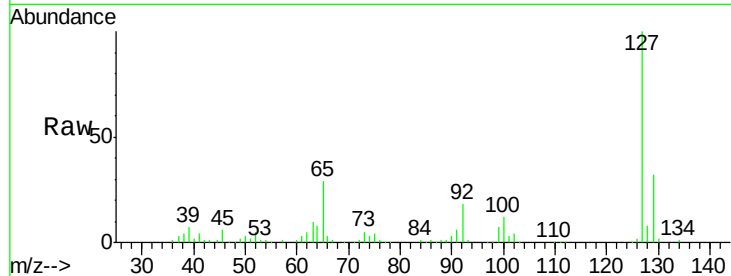




#33
4-Chloroaniline
Concen: 10.21 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

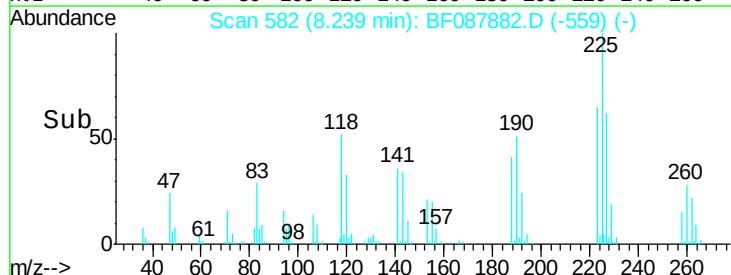
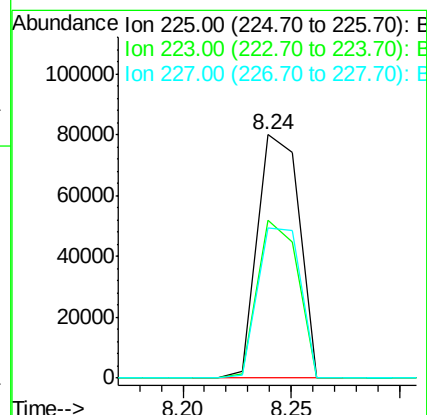
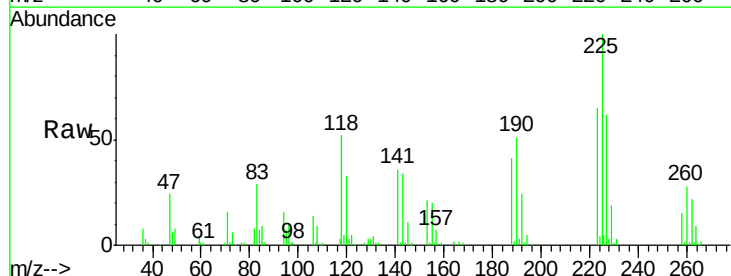
Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

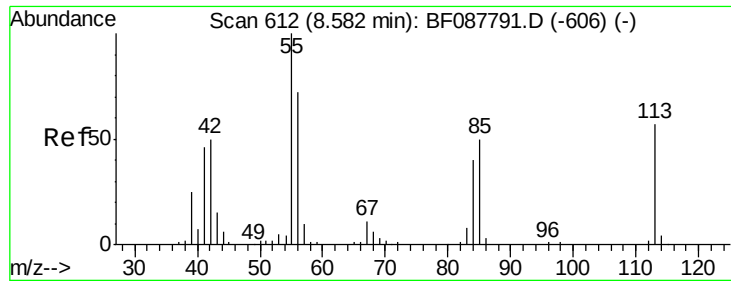
Tgt Ion:	127	Resp:	115488
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.3	39.5
65	28.6	24.7	37.1
92	17.9	15.4	23.0



#34
Hexachlorobutadiene
Concen: 26.69 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion:	225	Resp:	107186
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.9	76.3
227	61.8	51.9	77.9

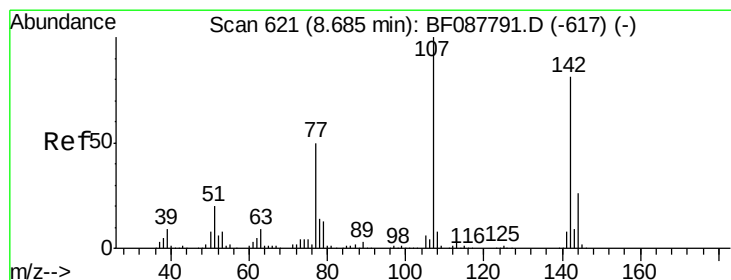
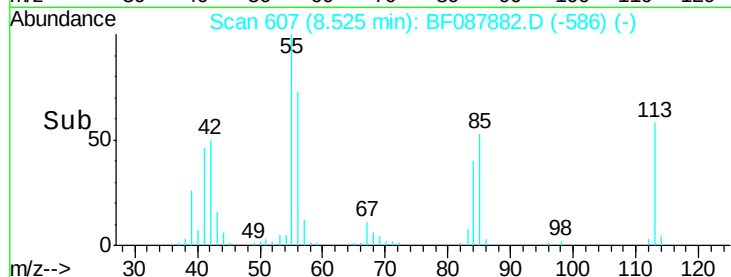
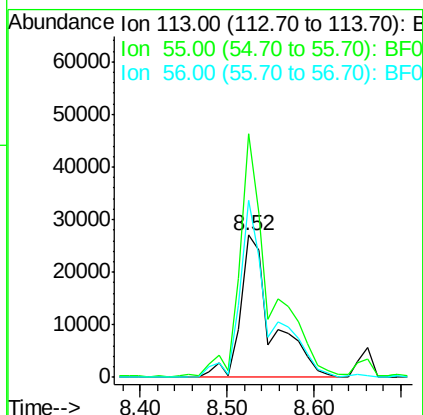
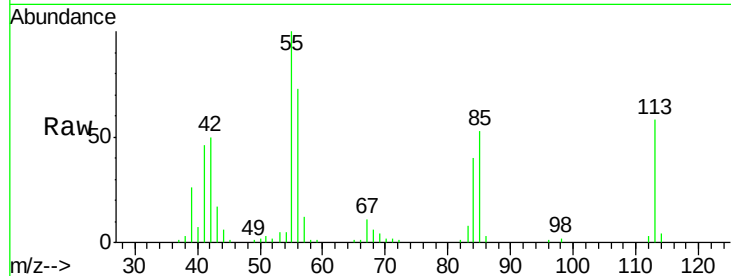




#35
 Caprolactam
 Concen: 29.85 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.06 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

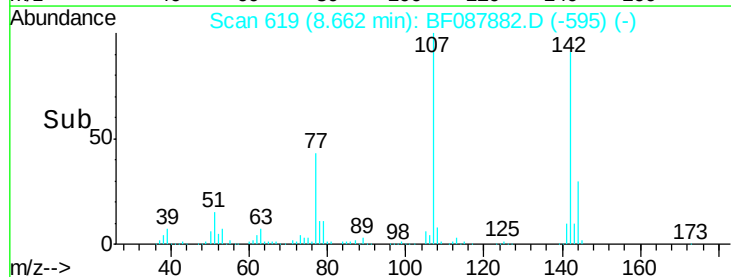
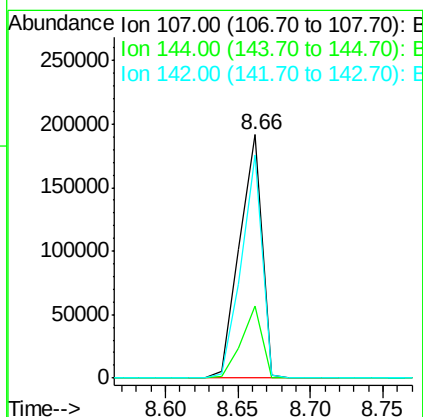
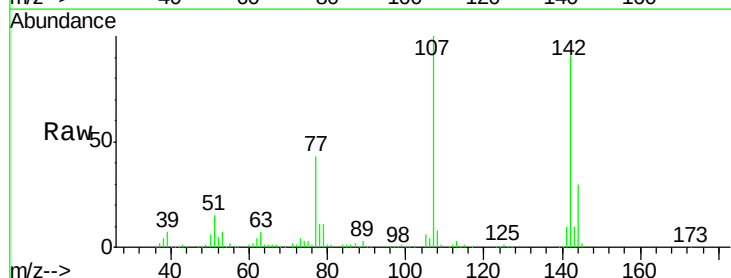
Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

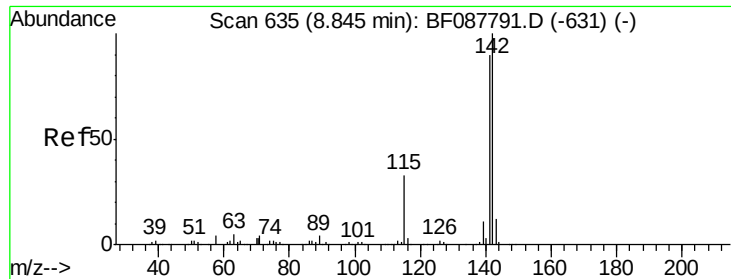
Tgt Ion:113 Resp: 69163
 Ion Ratio Lower Upper
 113 100
 55 171.3 158.6 198.6
 56 124.9 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 27.59 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.02 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion:107 Resp: 206378
 Ion Ratio Lower Upper
 107 100
 144 29.8 20.8 31.2
 142 91.5 63.4 95.2





#37

2-Methylnaphthalene

Concen: 25.71 ng

RT: 8.91 min Scan# 641

Delta R.T. 0.07 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)CMSD

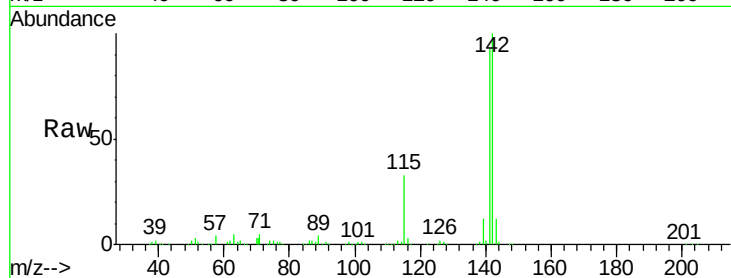
Tgt Ion:142 Resp: 429464

Ion Ratio Lower Upper

142 100

141 92.9 71.0 106.6

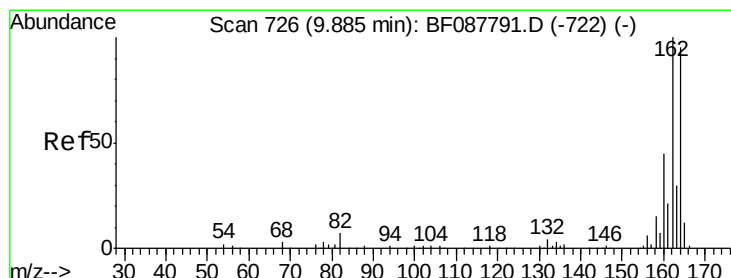
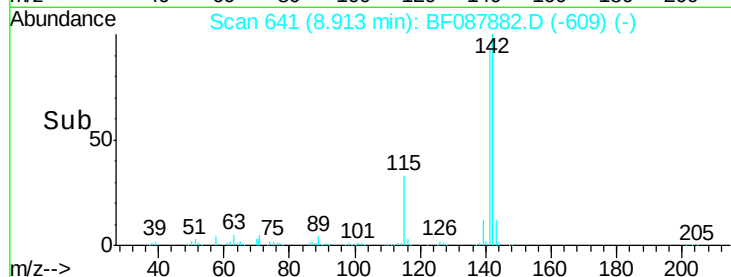
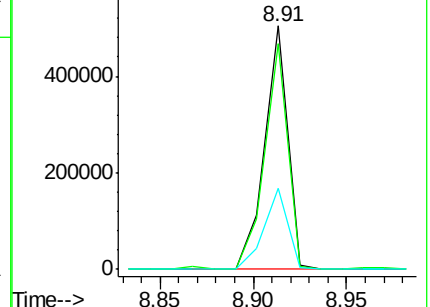
115 33.2 22.6 33.8



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: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

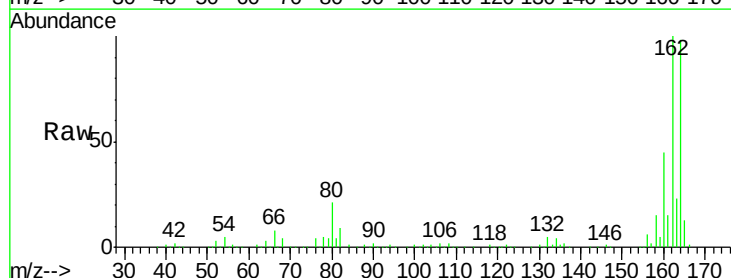
Tgt Ion:164 Resp: 221706

Ion Ratio Lower Upper

164 100

162 102.5 85.4 128.2

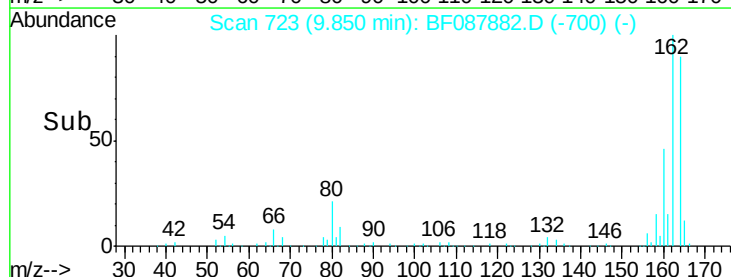
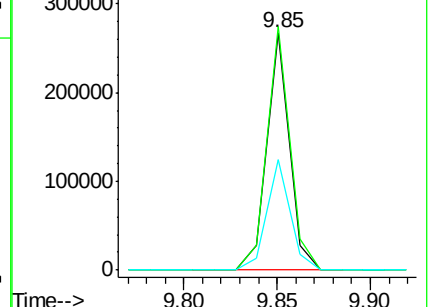
160 46.4 39.5 59.3

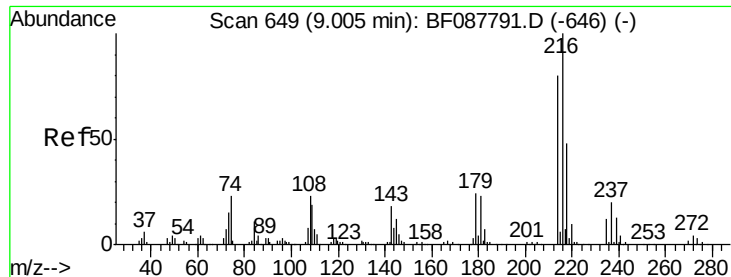


Abundance Ion 164.00 (163.70 to 164.70): E

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: 29.62 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)CMSD

Tgt Ion:216 Resp: 191325

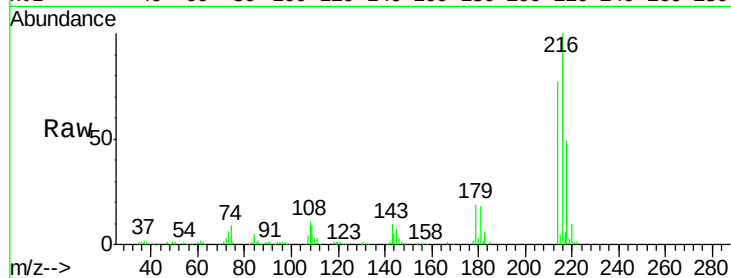
Ion Ratio Lower Upper

216 100

214 78.1 2.9 4.3#

179 20.8 0.0 0.0#

108 17.2 0.5 0.7#

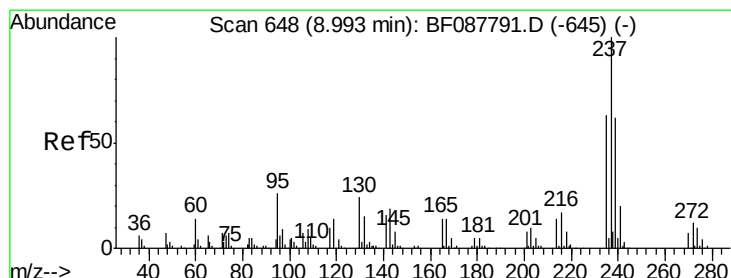
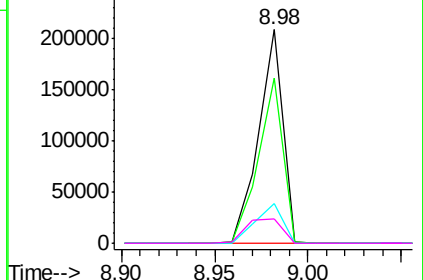
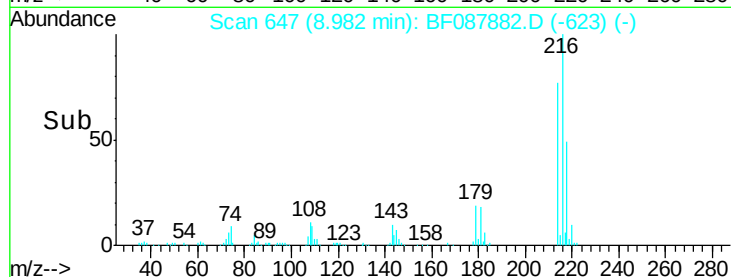


Abundance Ion 216.00 (215.70 to 216.70): E

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: 7.78 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.02 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

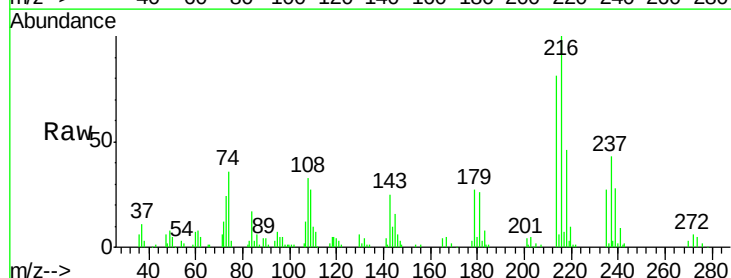
Tgt Ion:237 Resp: 27810

Ion Ratio Lower Upper

237 100

235 62.4 43.4 83.4

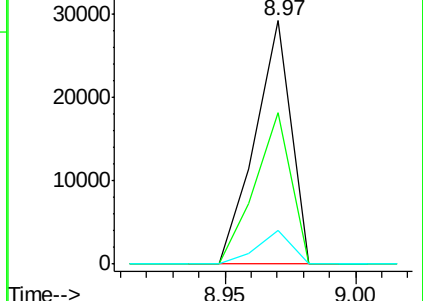
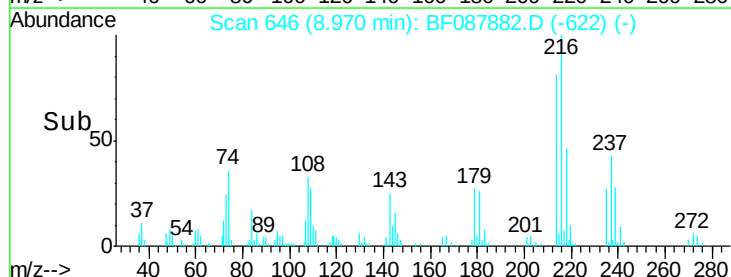
272 14.0 0.0 32.3

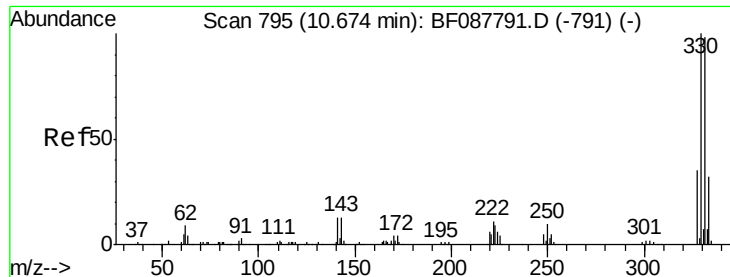


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

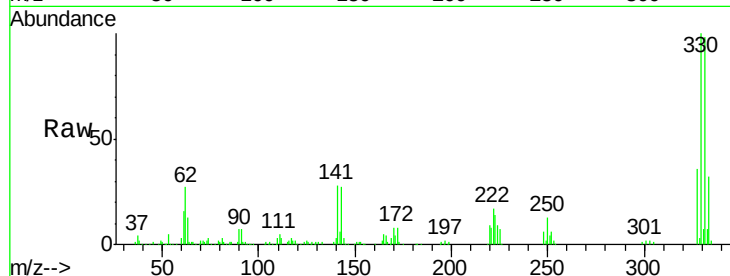




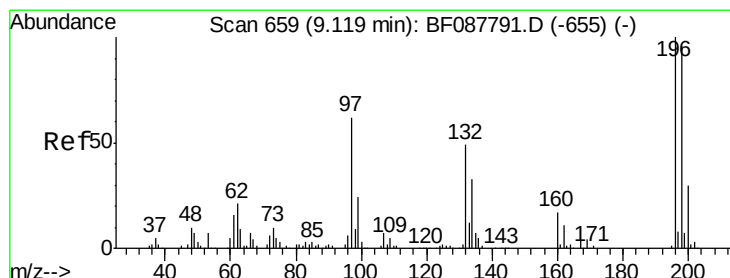
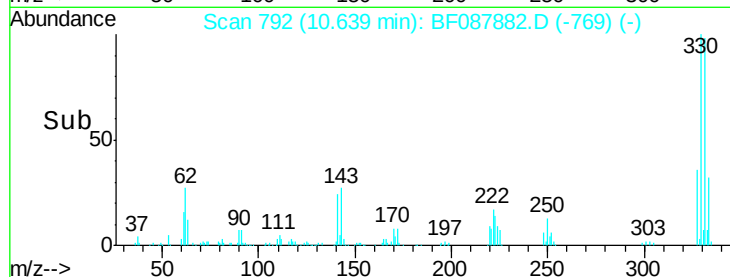
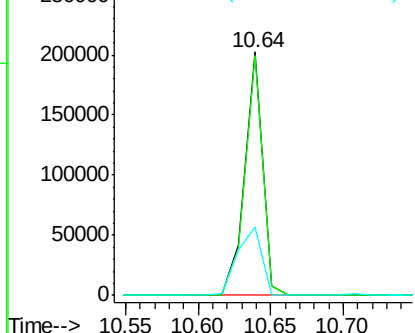
#41
 2,4,6-Tribromophenol
 Concen: 74.42 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

Tgt Ion:330 Resp: 174220
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 37.7 0.0 0.0#

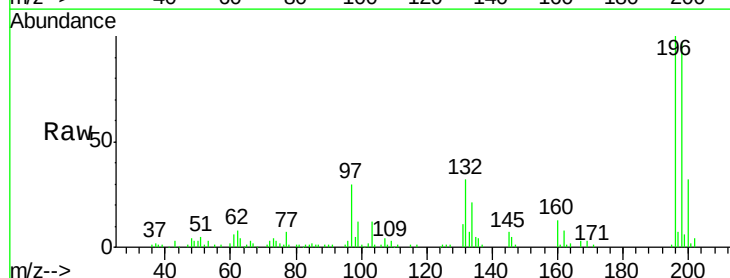


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

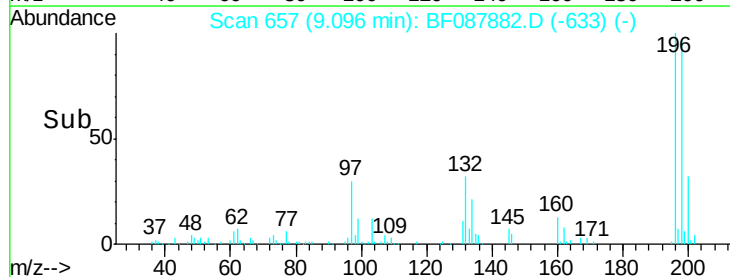
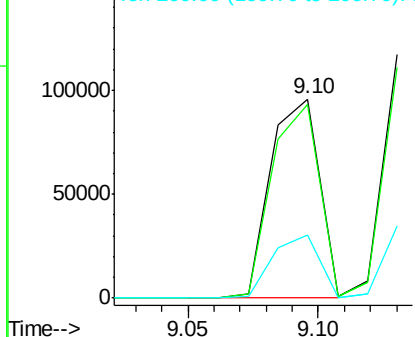


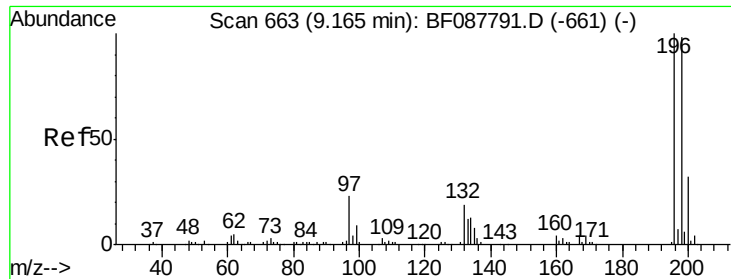
#42
 2,4,6-Trichlorophenol
 Concen: 28.22 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion:196 Resp: 125132
 Ion Ratio Lower Upper
 196 100
 198 97.2 78.0 117.0
 200 31.6 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

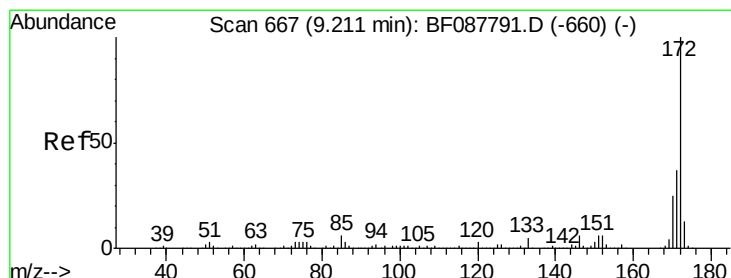
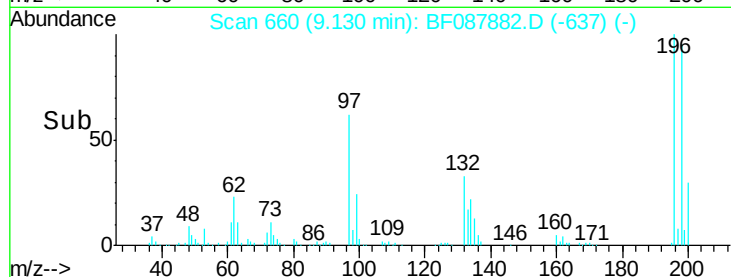
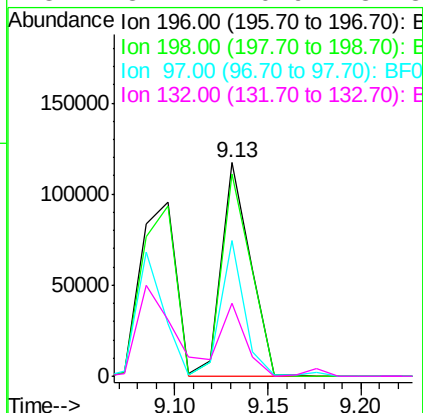
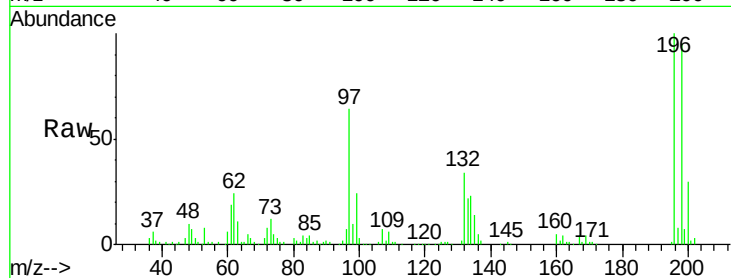




#43
 2,4,5-Trichlorophenol
 Concen: 27.53 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

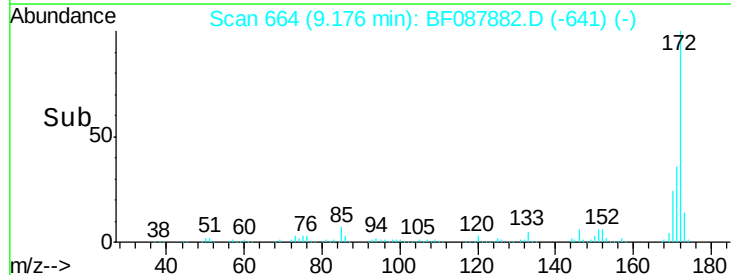
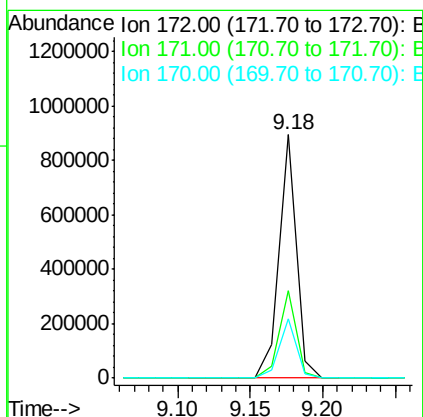
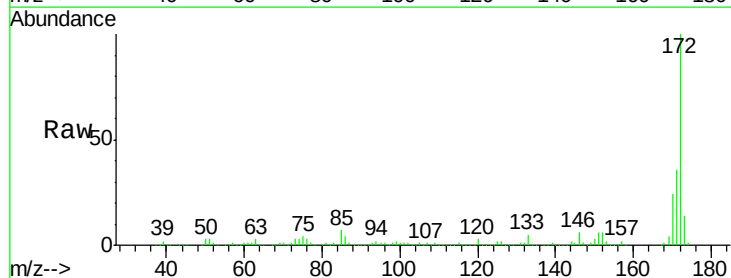
Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

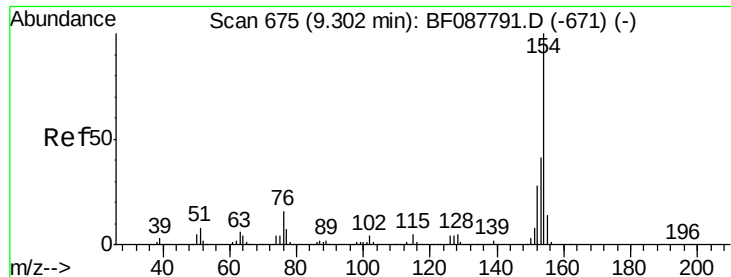
Tgt Ion:196 Resp: 127005
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.5 116.3
 97 63.8 32.0 48.0#
 132 34.4 20.9 31.3#



#44
 2-Fluorobiphenyl
 Concen: 50.29 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion:172 Resp: 741684
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.3 19.2 28.8

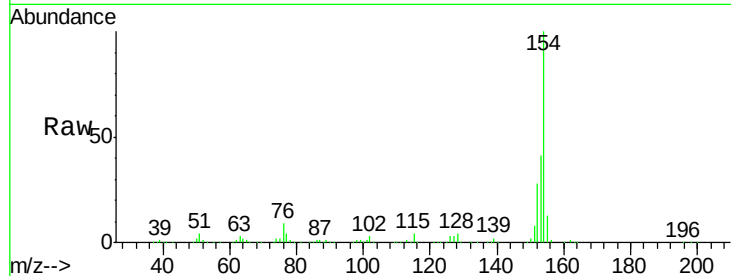




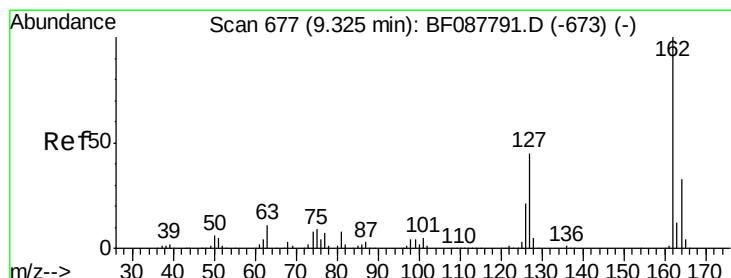
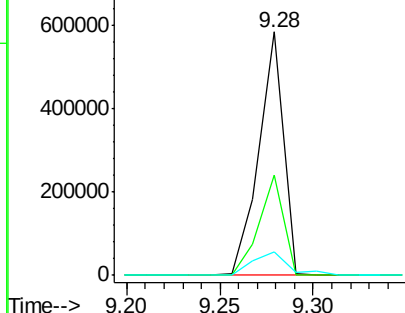
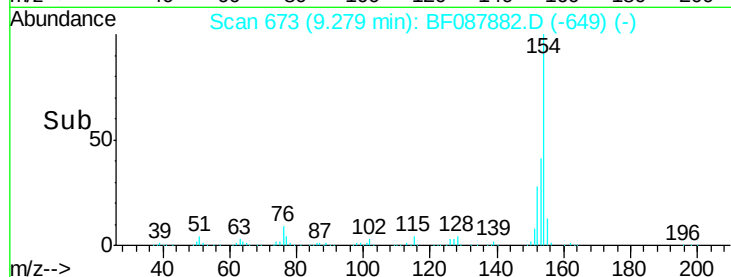
#45
 1,1'-Biphenyl
 Concen: 29.72 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

Tgt Ion:	154	Resp:	529713
Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.6	60.6
76	9.4	0.0	35.1

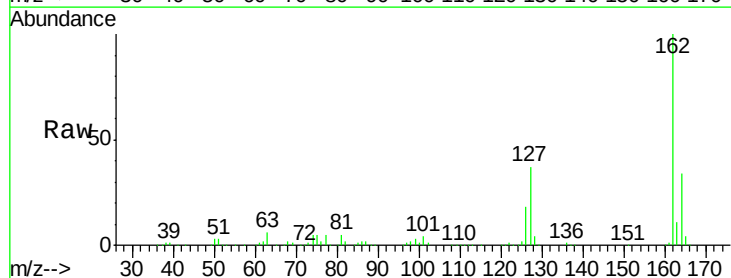


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

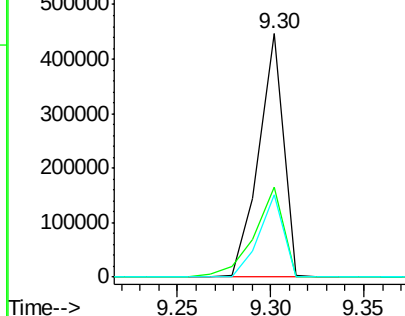
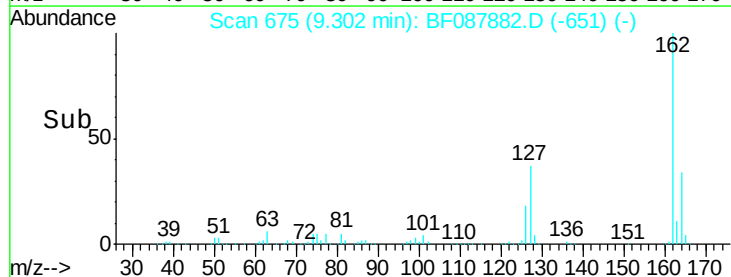


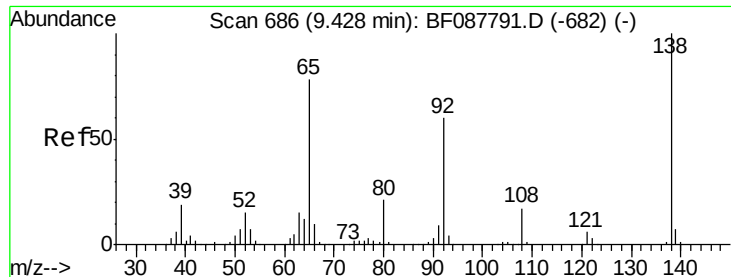
#46
 2-Chloronaphthalene
 Concen: 28.68 ng
 RT: 9.30 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion:	162	Resp:	411449
Ion	Ratio	Lower	Upper
162	100		
127	37.2	35.2	52.8
164	33.7	26.6	39.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

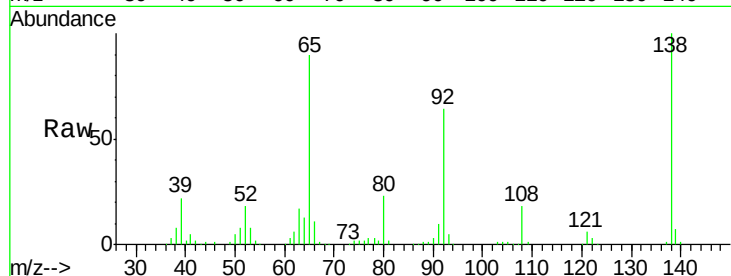




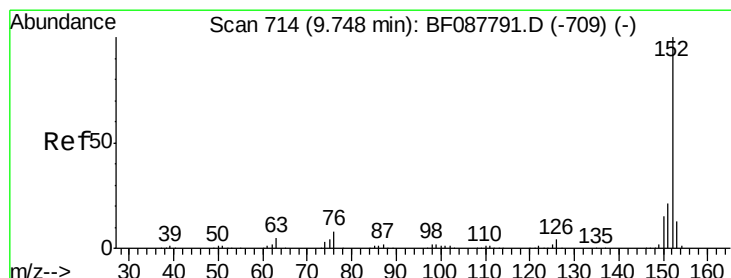
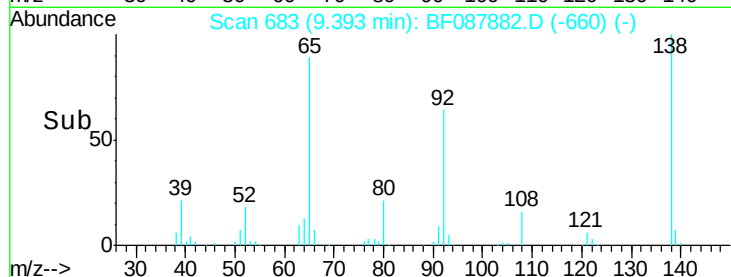
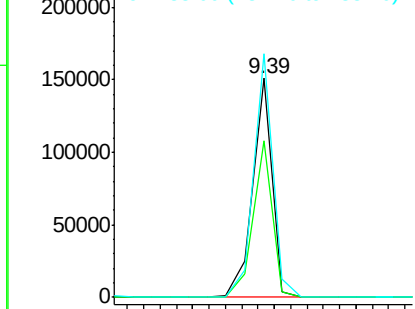
#47
2-Nitroaniline
Concen: 29.34 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

Tgt Ion: 65 Resp: 124180
Ion Ratio Lower Upper
65 100
92 71.6 54.6 82.0
138 111.3 77.0 115.4

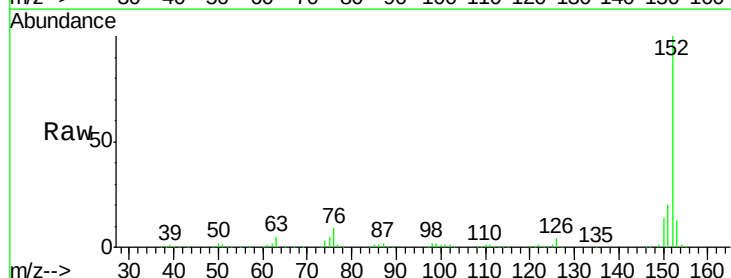


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

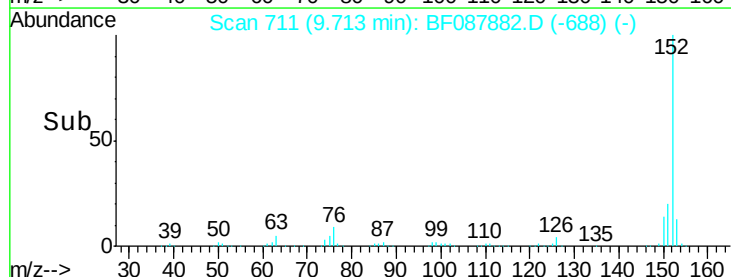
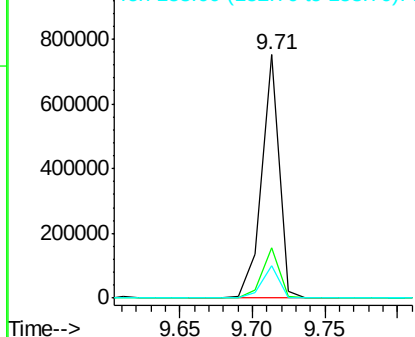


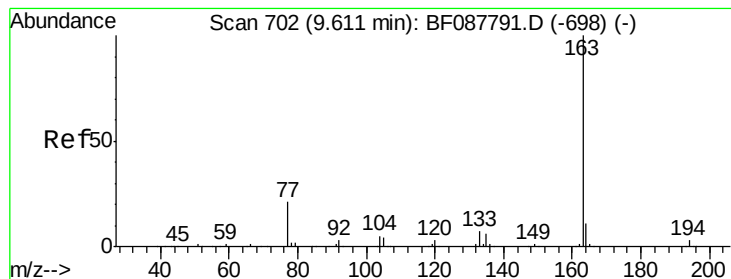
#48
Acenaphthylene
Concen: 27.50 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion: 152 Resp: 627450
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.4 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: 39.29 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)CMSD

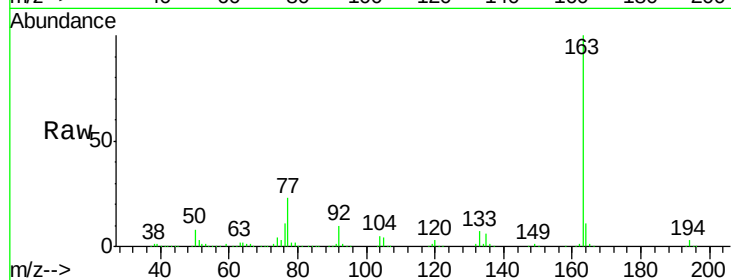
Tgt Ion:163 Resp: 630965

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

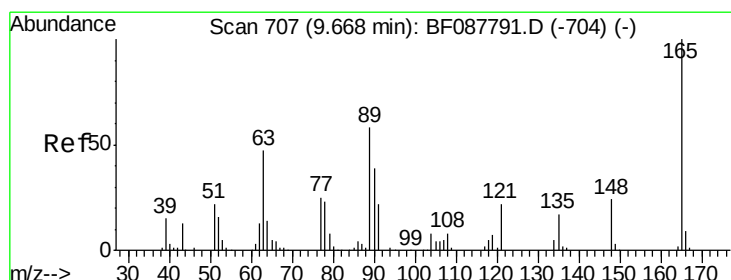
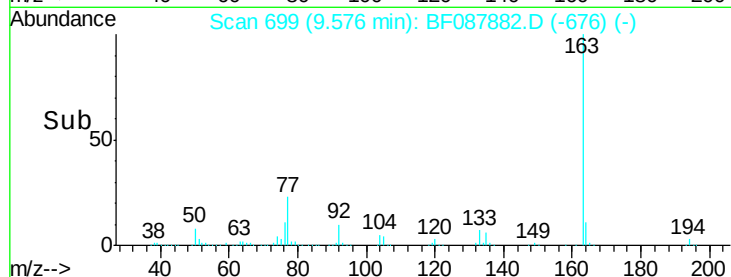
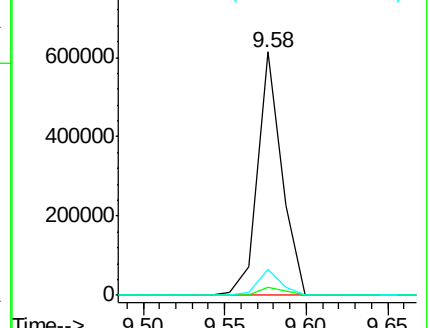
164 10.8 8.3 12.5



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: 27.48 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

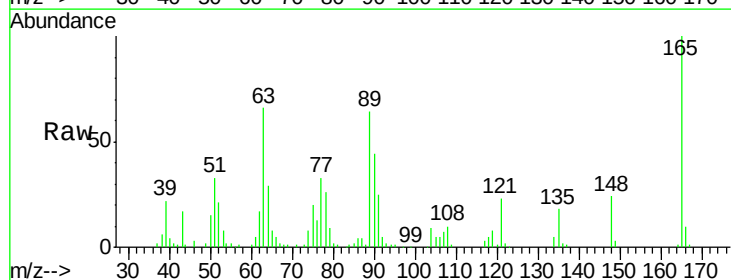
Tgt Ion:165 Resp: 101066

Ion Ratio Lower Upper

165 100

63 66.2 28.1 42.1#

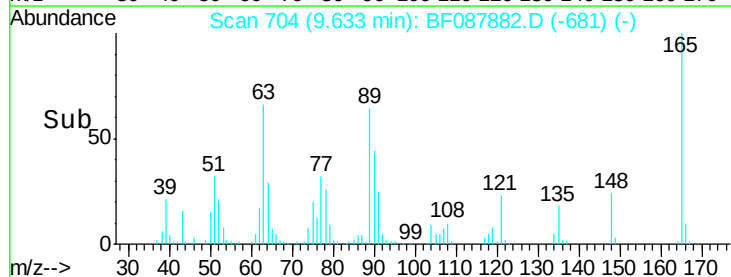
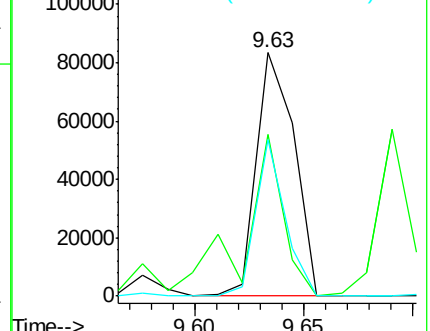
89 64.1 32.2 48.2#

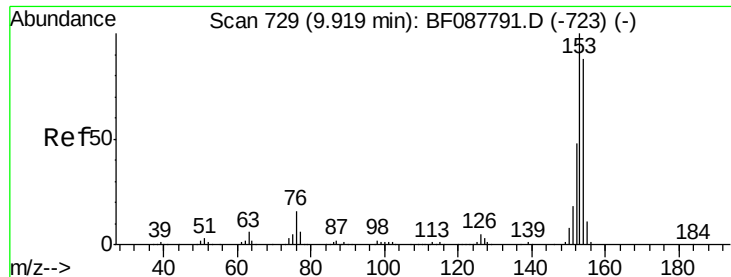


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 26.40 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)CMSD

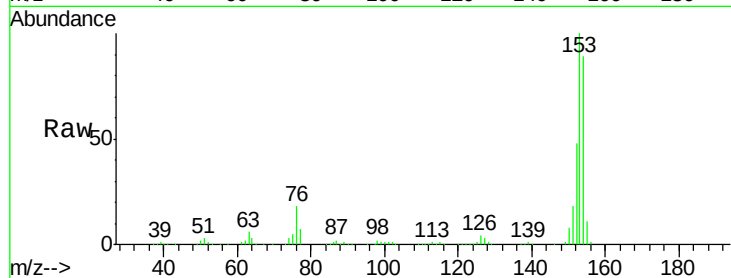
Tgt Ion:154 Resp: 375798

Ion Ratio Lower Upper

154 100

153 112.8 89.5 134.3

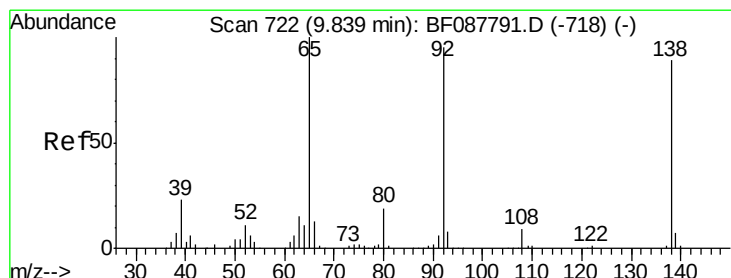
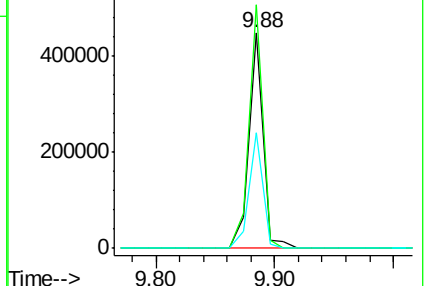
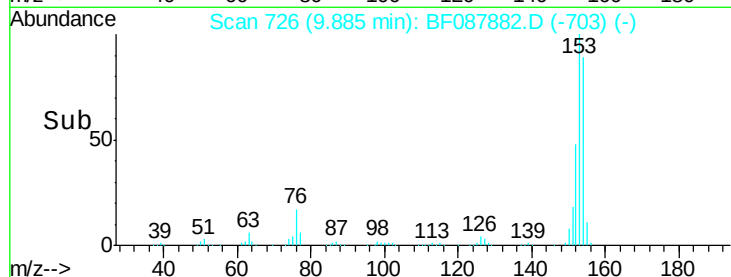
152 53.8 42.7 64.1



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: 25.24 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

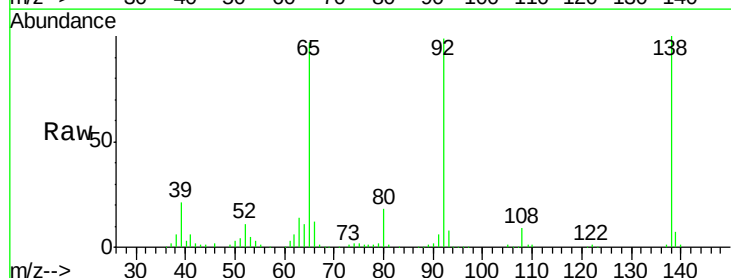
Tgt Ion:138 Resp: 107111

Ion Ratio Lower Upper

138 100

108 9.2 8.5 12.7

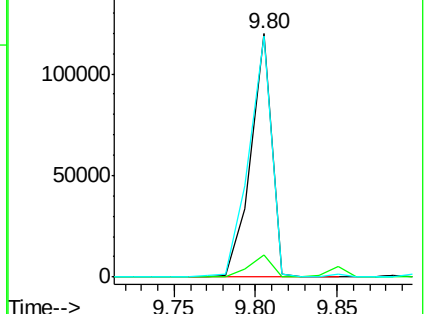
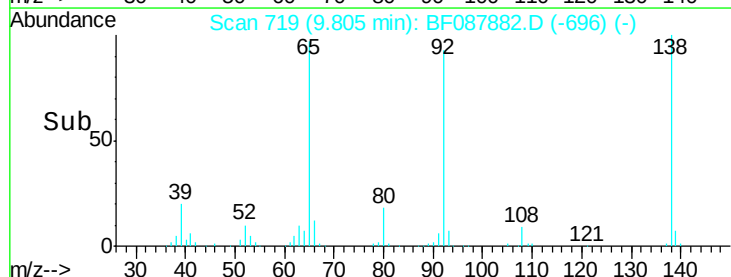
92 98.9 95.7 143.5

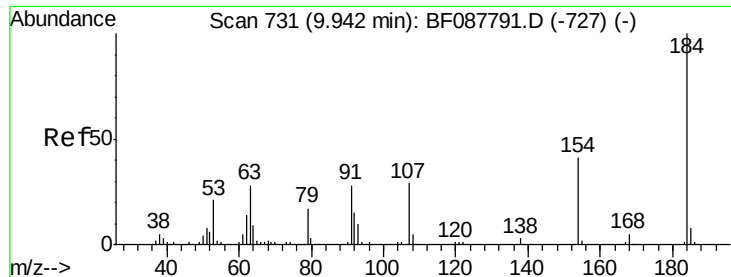


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

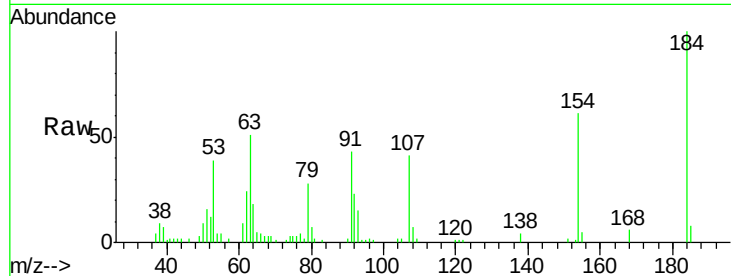




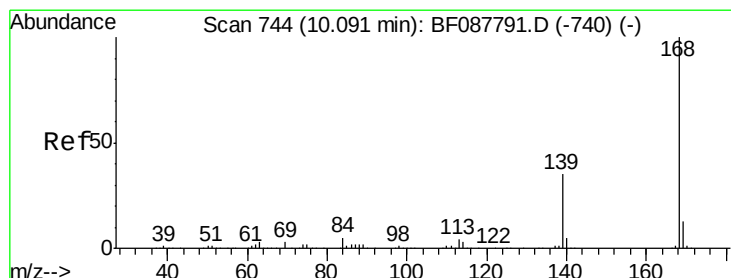
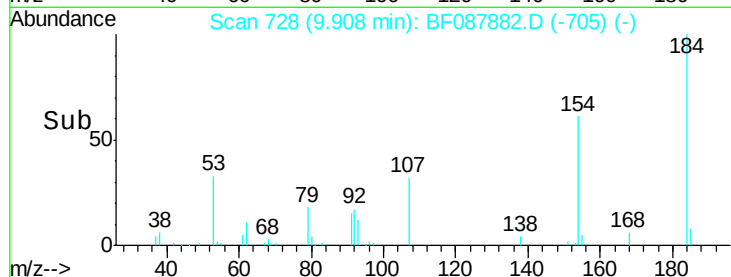
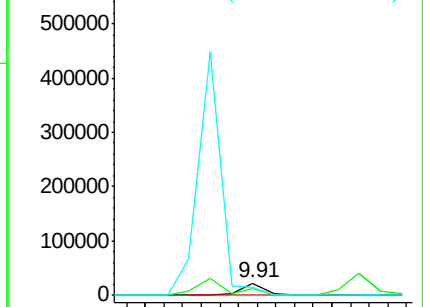
#53
 2,4-Dinitrophenol
 Concen: 14.13 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

Tgt Ion:184 Resp: 18922
 Ion Ratio Lower Upper
 184 100
 63 51.0 57.6 86.4#
 154 61.4 53.5 80.3

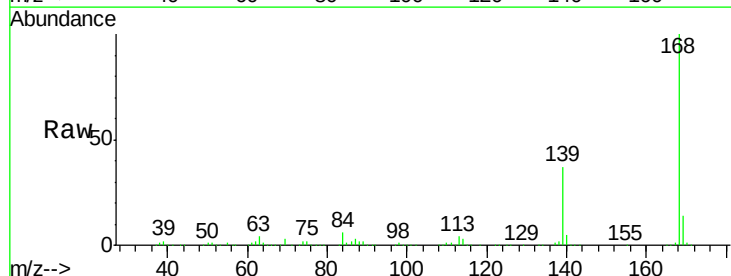


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

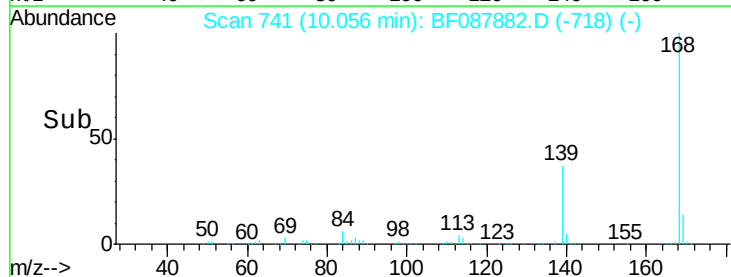
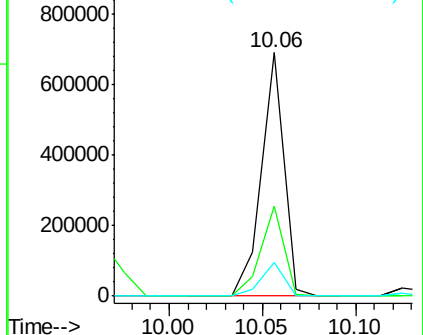


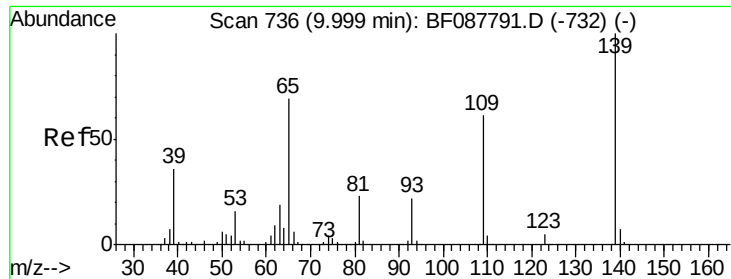
#54
 Dibenzofuran
 Concen: 29.31 ng
 RT: 10.06 min Scan# 741
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion:168 Resp: 574574
 Ion Ratio Lower Upper
 168 100
 139 37.0 26.4 39.6
 169 13.6 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

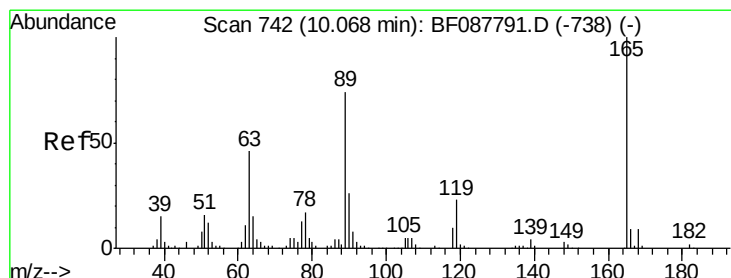
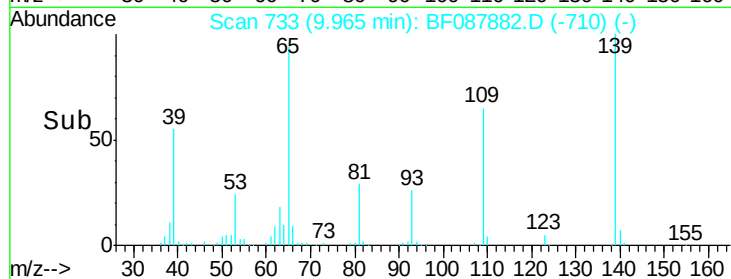
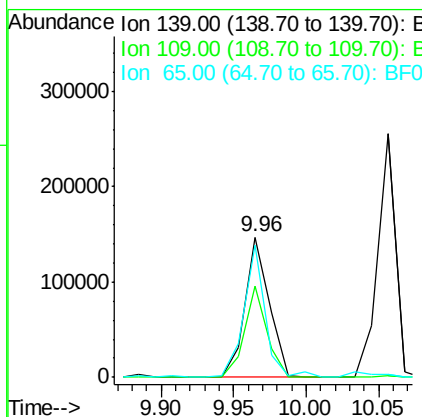
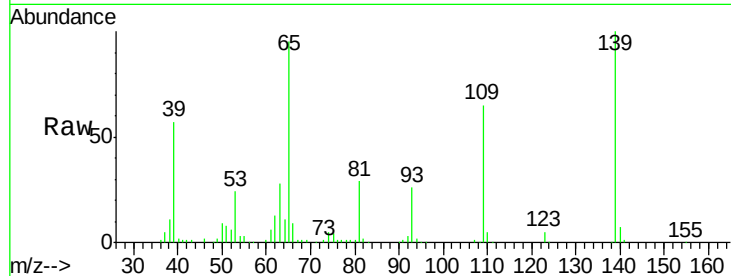




#55
4-Nitrophenol
Concen: 52.01 ng
RT: 9.96 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

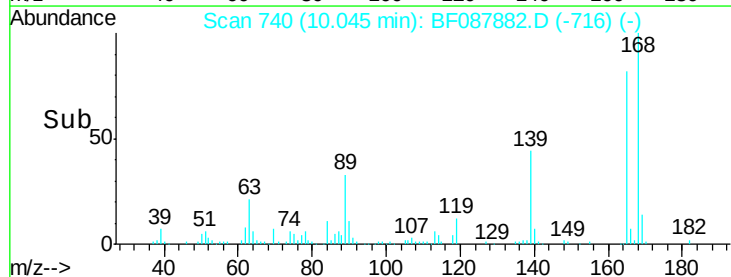
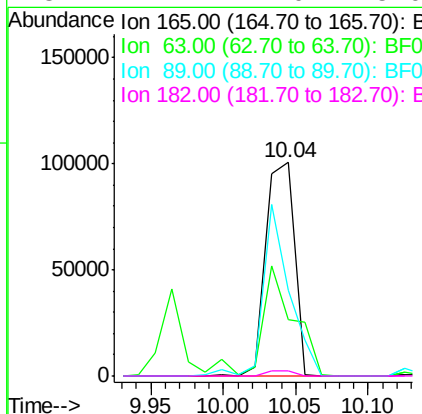
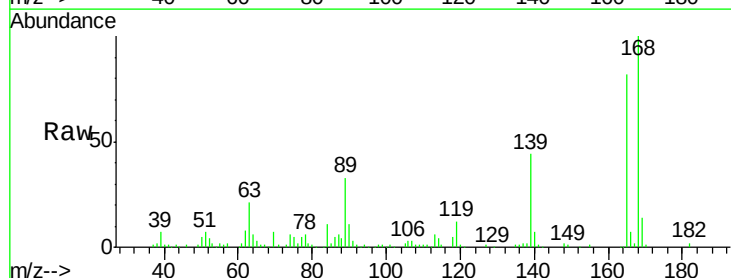
Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

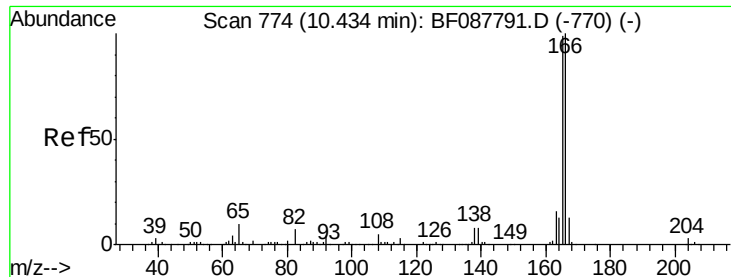
Tgt Ion:139 Resp: 171316
Ion Ratio Lower Upper
139 100
109 65.5 48.9 88.9
65 94.8 84.9 124.9



#56
2,4-Dinitrotoluene
Concen: 29.24 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion:165 Resp: 138190
Ion Ratio Lower Upper
165 100
63 26.2 22.0 33.0
89 40.4 41.1 61.7#
182 2.7 2.0 3.0

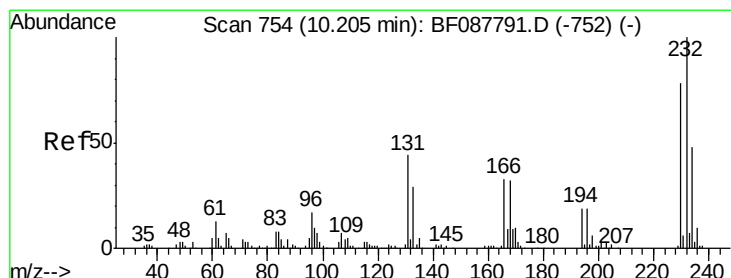
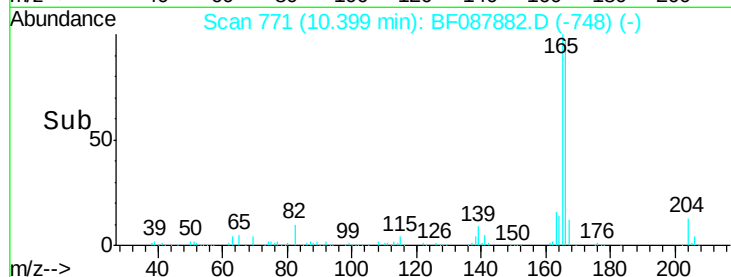
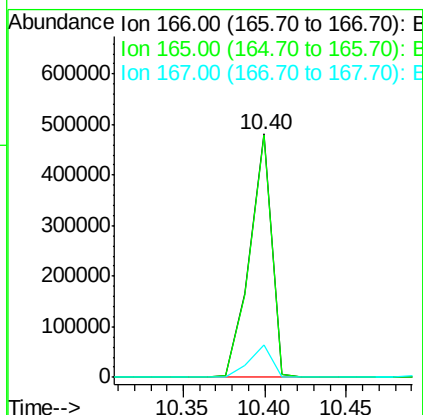
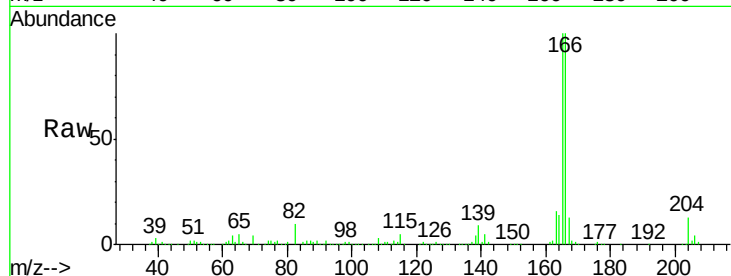




#57
Fluorene
Concen: 32.67 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

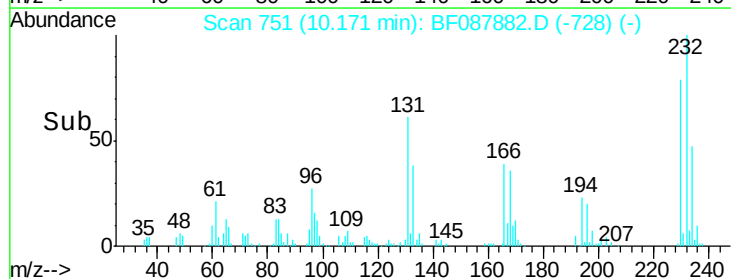
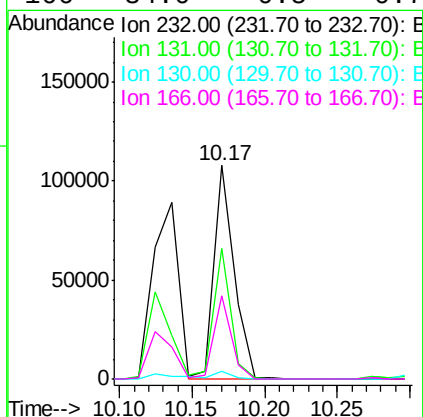
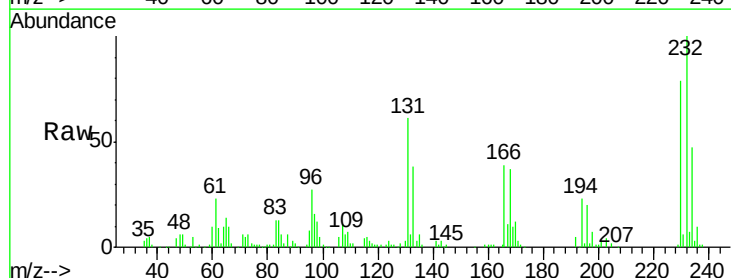
Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

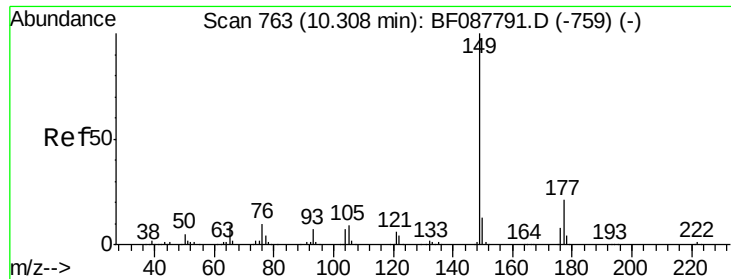
Tgt Ion:166 Resp: 450420
Ion Ratio Lower Upper
166 100
165 99.6 77.8 116.8
167 13.1 11.2 16.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 28.60 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion:232 Resp: 103690
Ion Ratio Lower Upper
232 100
131 51.9 0.9 1.3#
130 2.9 1.5 2.3#
166 34.0 0.5 0.7#

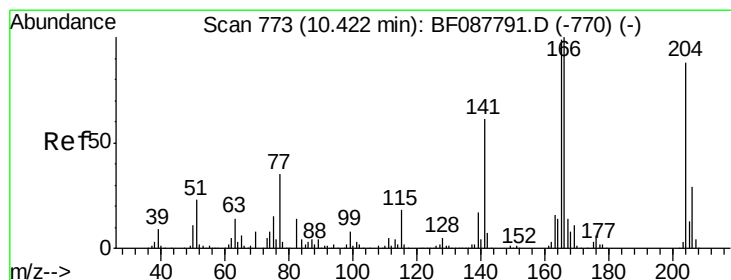
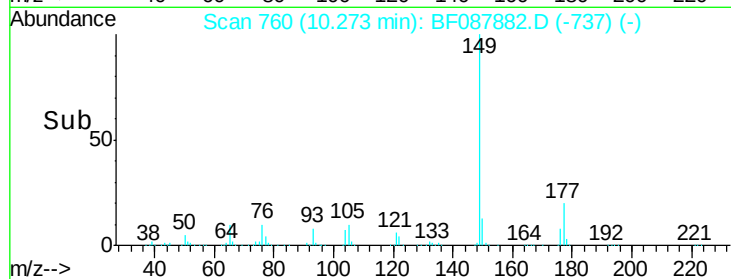
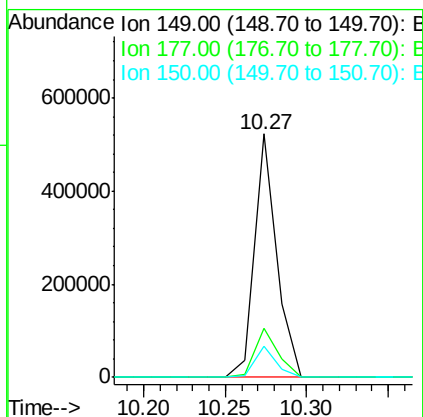
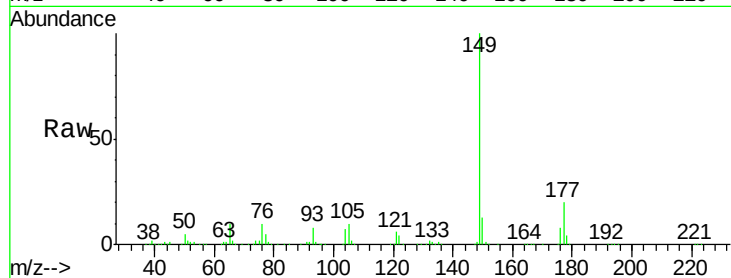




#59
Diethylphthalate
Concen: 30.34 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

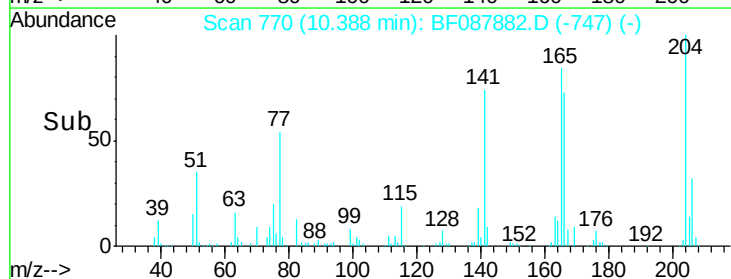
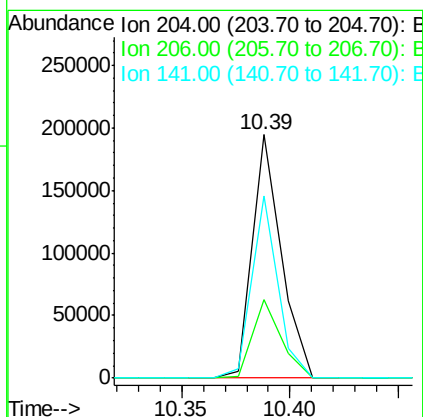
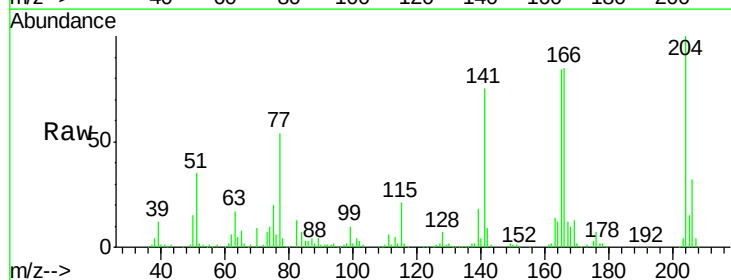
Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

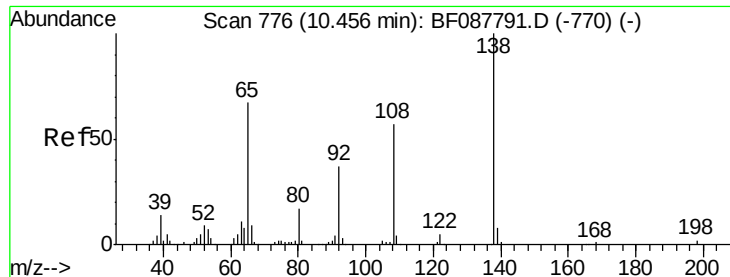
Tgt Ion:149 Resp: 493139
Ion Ratio Lower Upper
149 100
177 19.9 16.9 25.3
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 27.53 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion:204 Resp: 179507
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 75.1 55.0 82.6

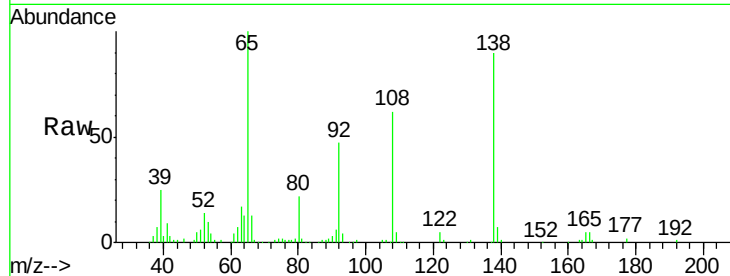




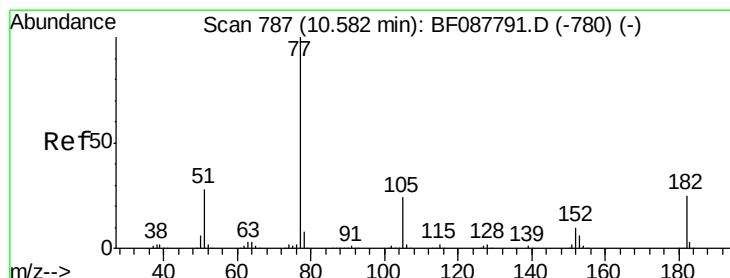
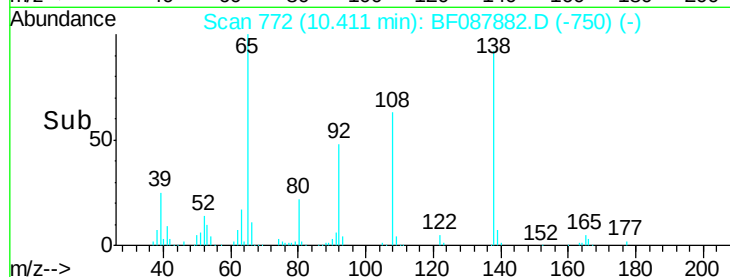
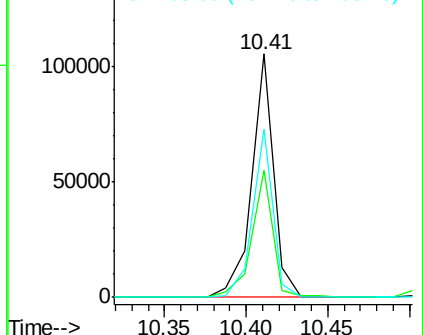
#61
4-Nitroaniline
Concen: 24.43 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.05 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

Tgt Ion:138 Resp: 98358
Ion Ratio Lower Upper
138 100
92 52.0 27.3 67.3
108 68.9 46.7 86.7

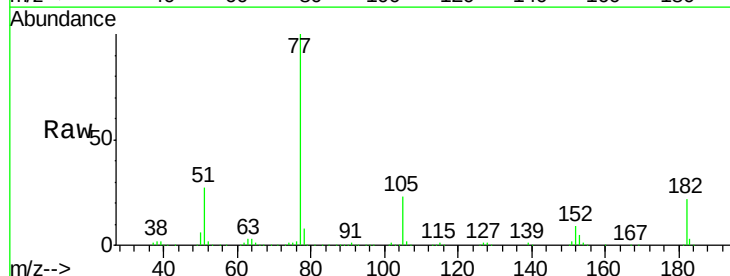


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

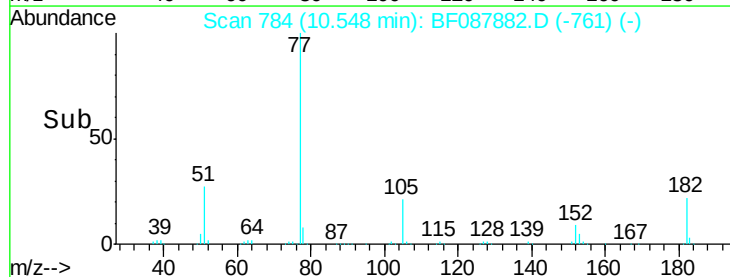
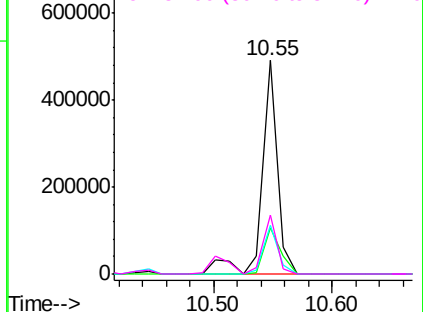


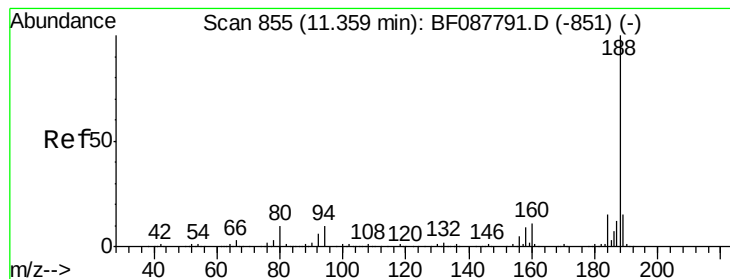
#62
Azobenzene
Concen: 28.20 ng
RT: 10.55 min Scan# 784
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion: 77 Resp: 453341
Ion Ratio Lower Upper
77 100
182 21.8 4.4 44.4
105 22.9 3.8 43.8
51 27.4 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: 11.32 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)CMSD

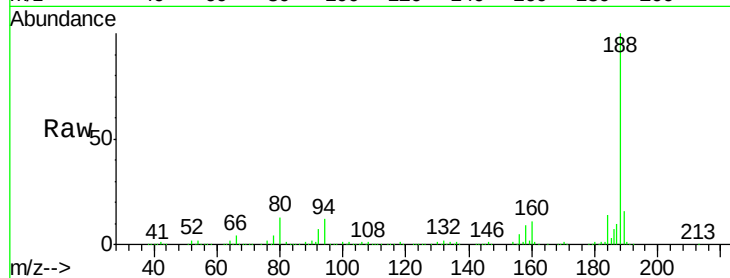
Tgt Ion:188 Resp: 328626

Ion Ratio Lower Upper

188 100

94 11.8 9.0 13.6

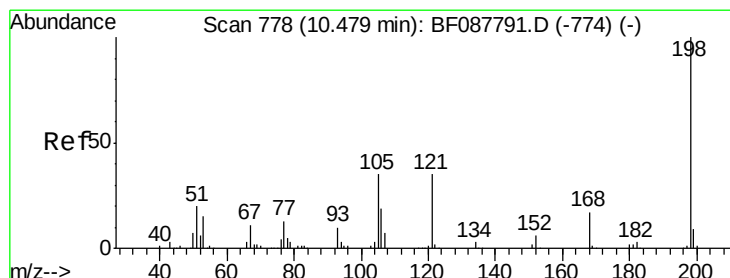
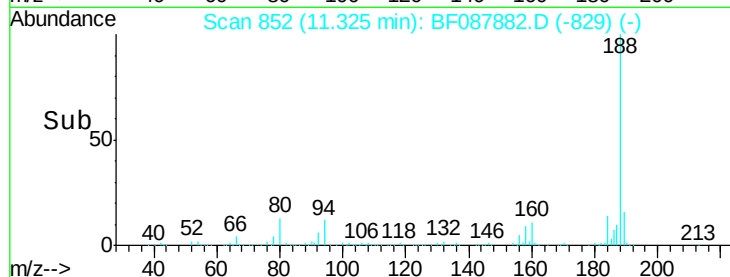
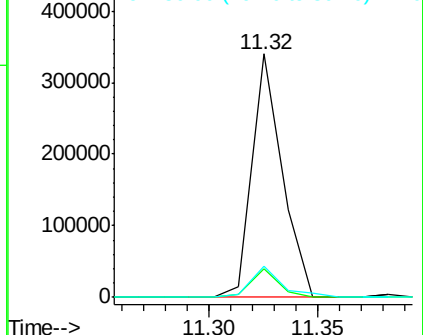
80 12.9 10.0 15.0



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: 14.50 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

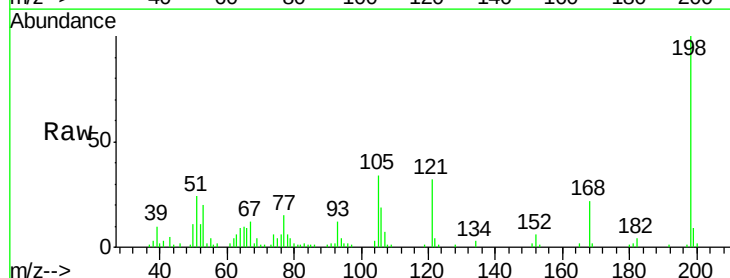
Tgt Ion:198 Resp: 26512

Ion Ratio Lower Upper

198 100

51 24.4 39.6 79.6#

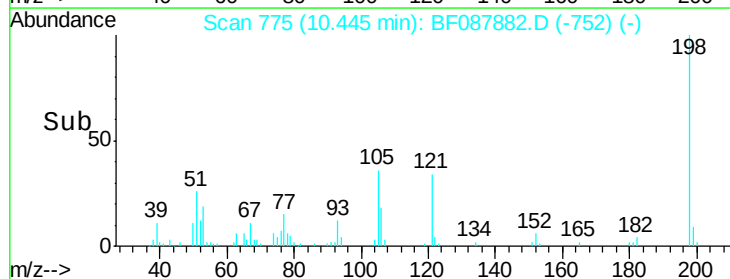
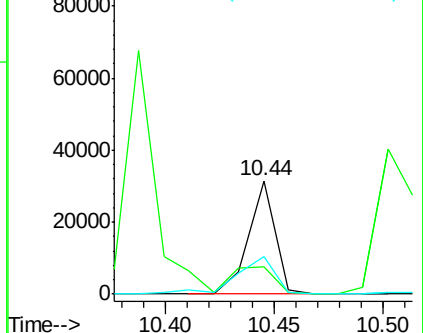
105 33.7 36.6 76.6#

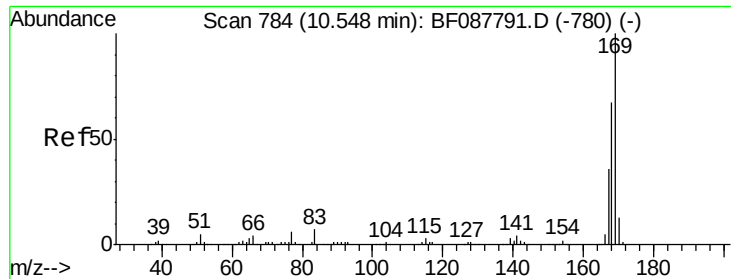


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.08 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)CMSD

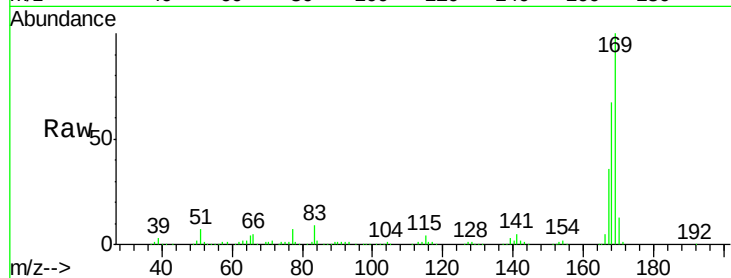
Tgt Ion:169 Resp: 426154

Ion Ratio Lower Upper

169 100

168 66.5 53.4 80.0

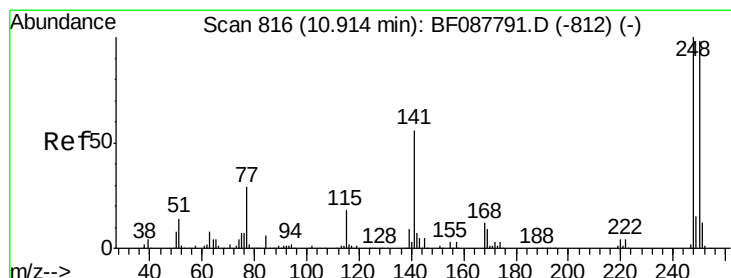
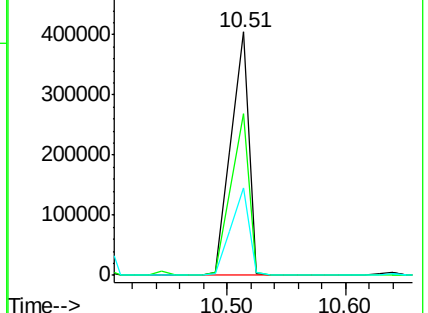
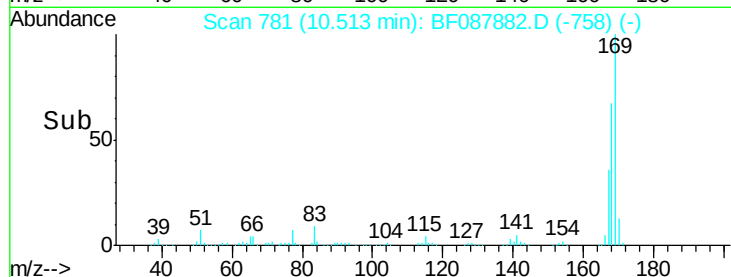
167 36.1 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.19 ng

RT: 10.88 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

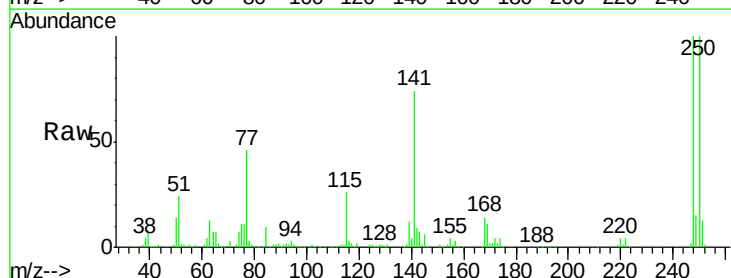
Tgt Ion:248 Resp: 127573

Ion Ratio Lower Upper

248 100

250 99.7 77.1 115.7

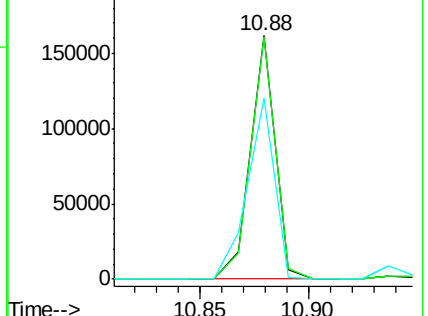
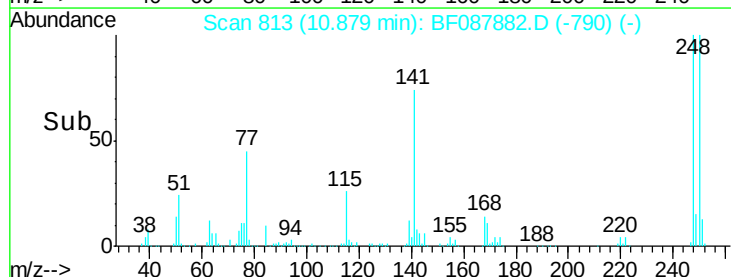
141 74.3 50.6 76.0

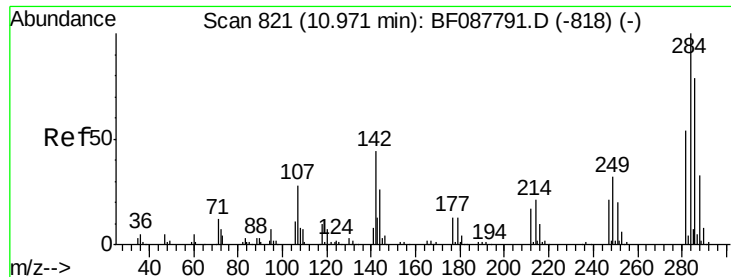


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

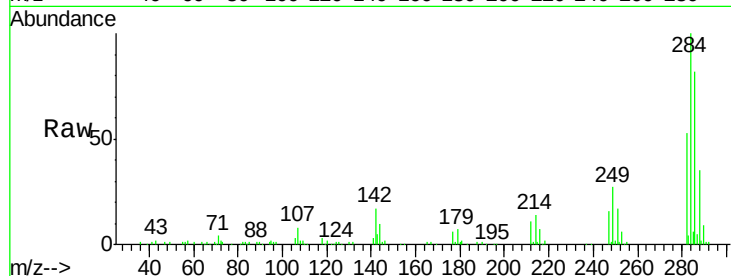




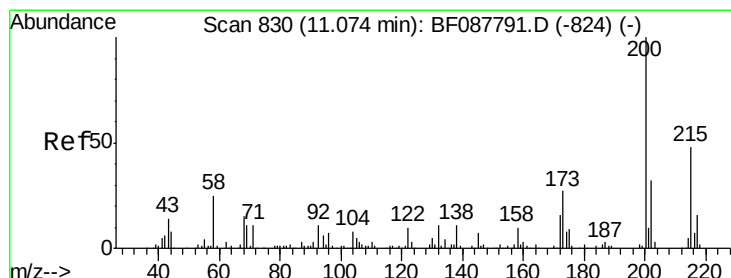
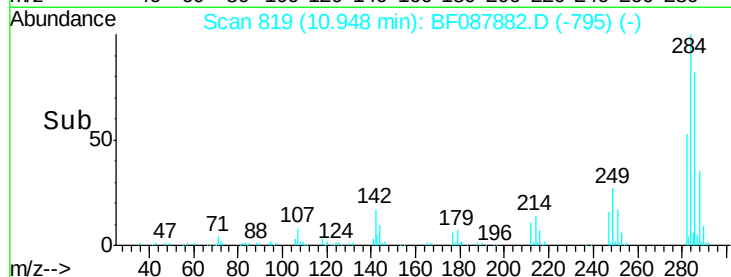
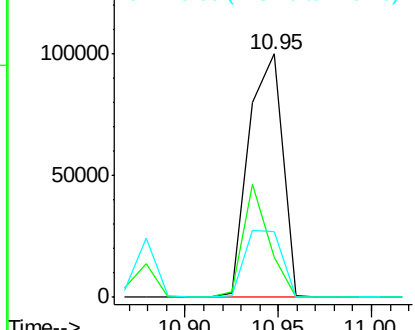
#67
Hexachlorobenzene
Concen: 34.13 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

Tgt Ion:284 Resp: 125024
Ion Ratio Lower Upper
284 100
142 16.7 35.8 53.8#
249 26.7 25.8 38.6

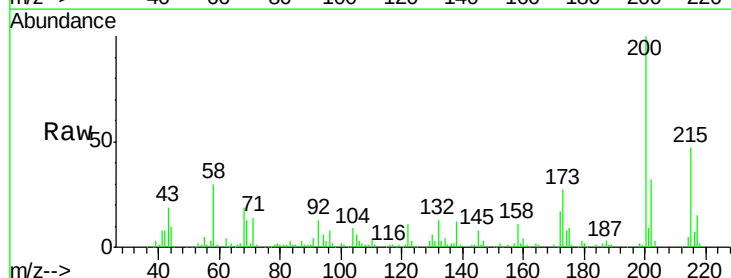


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

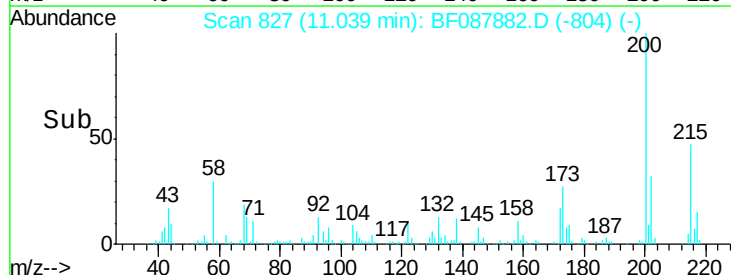
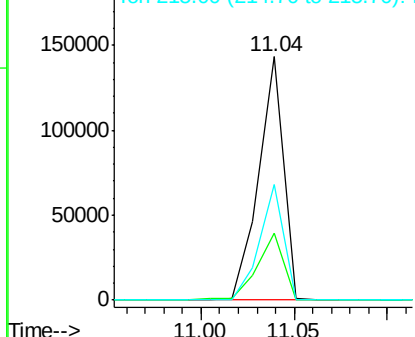


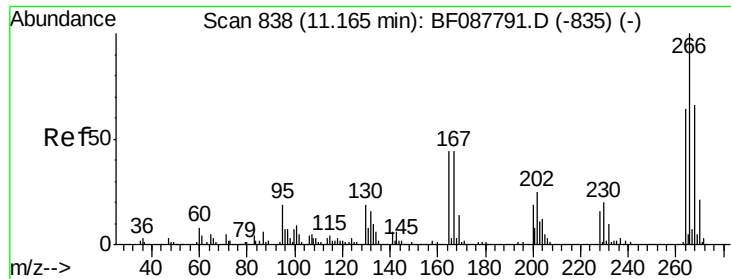
#68
Atrazine
Concen: 39.81 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion:200 Resp: 131443
Ion Ratio Lower Upper
200 100
173 27.4 4.0 44.0
215 47.4 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

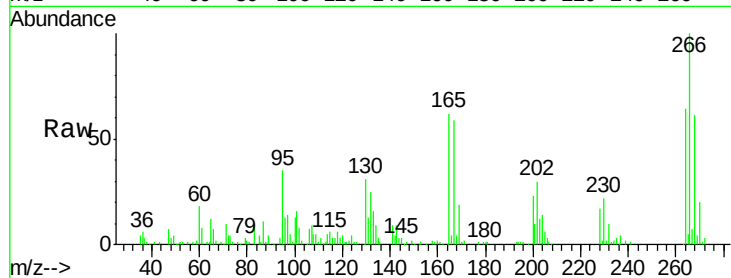




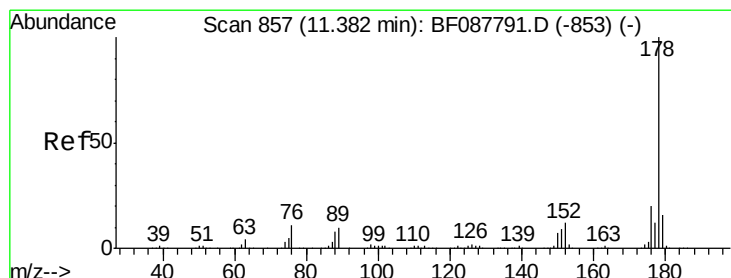
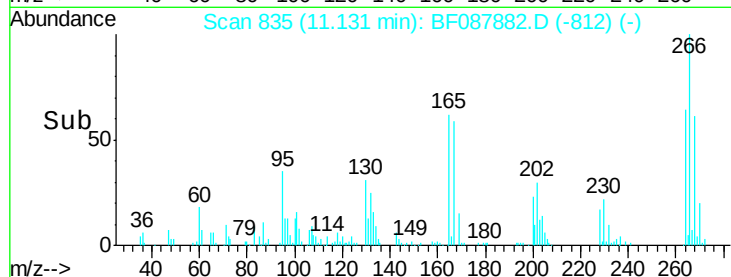
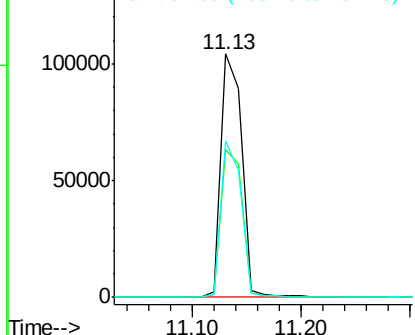
#69
 Pentachlorophenol
 Concen: 71.71 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

Tgt Ion:266 Resp: 138473
 Ion Ratio Lower Upper
 266 100
 268 60.9 52.8 79.2
 264 64.1 49.6 74.4

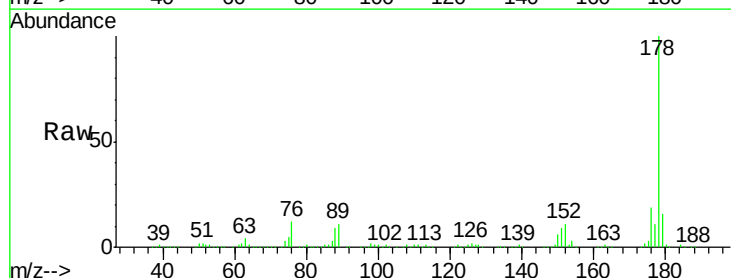


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

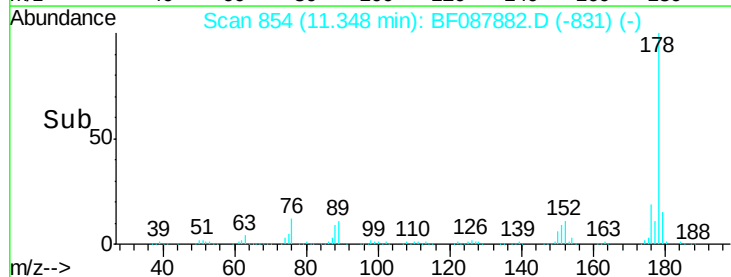
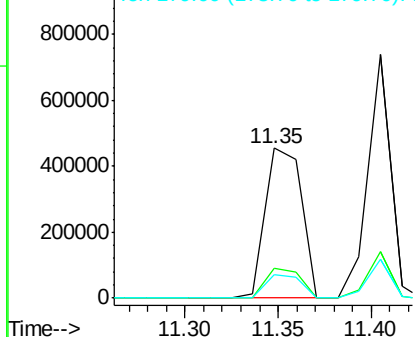


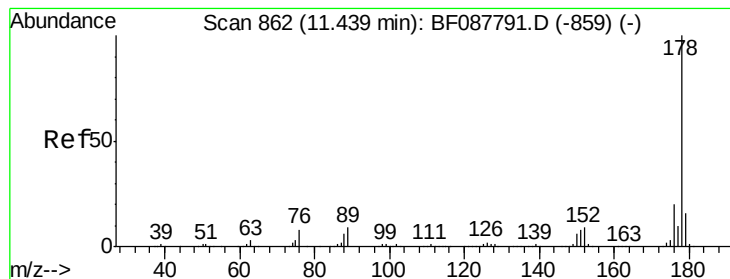
#70
 Phenanthrene
 Concen: 35.51 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion:178 Resp: 612359
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.6
 179 16.1 13.0 19.4



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





#71

Anthracene

Concen: 35.63 ng

RT: 11.40 min Scan# 859

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)CMSD

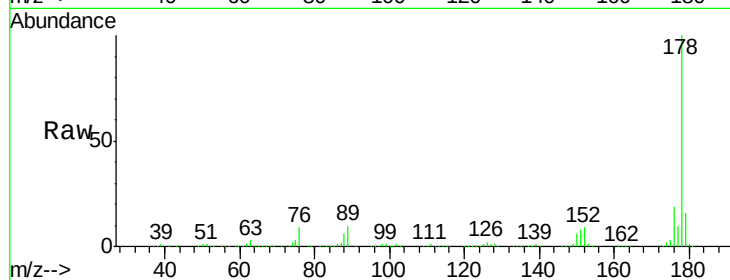
Tgt Ion:178 Resp: 619847

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

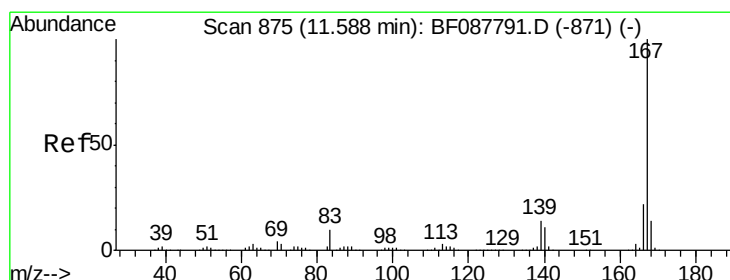
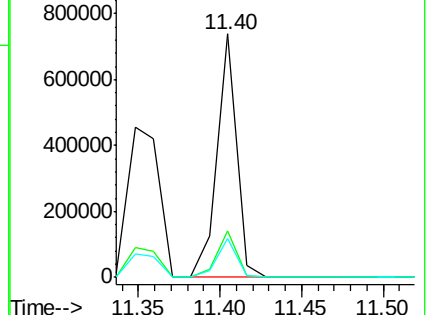
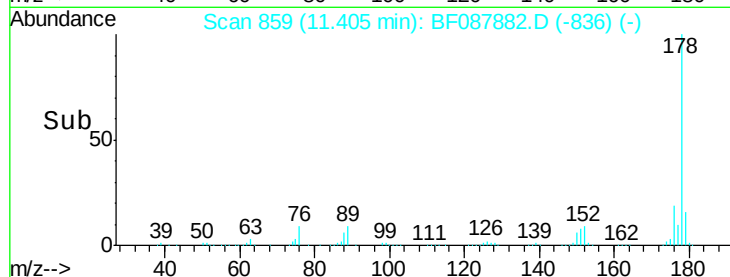
179 15.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.96 ng

RT: 11.55 min Scan# 872

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

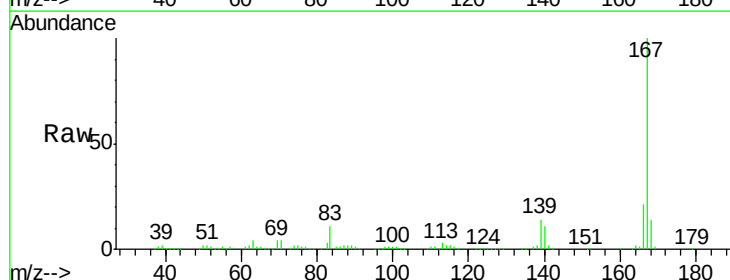
Tgt Ion:167 Resp: 585408

Ion Ratio Lower Upper

167 100

166 21.4 17.8 26.6

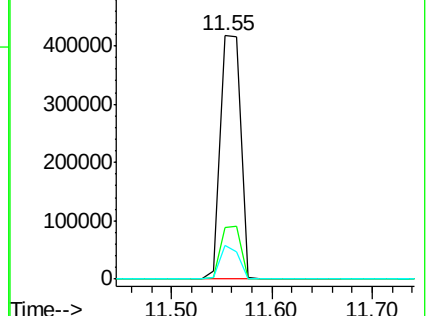
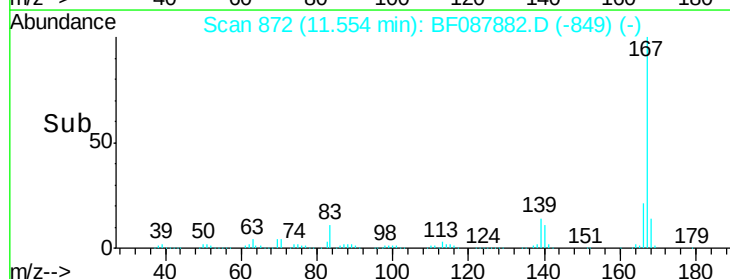
139 14.0 11.2 16.8

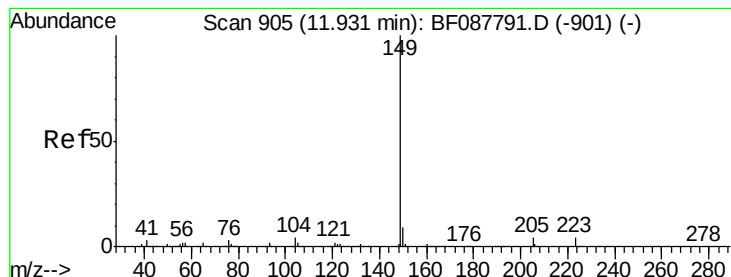


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.66 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)CMSD

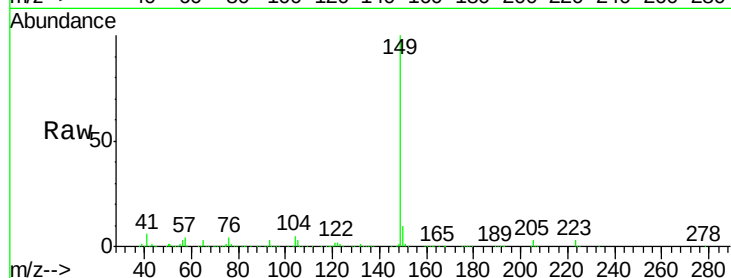
Tgt Ion:149 Resp: 796661

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

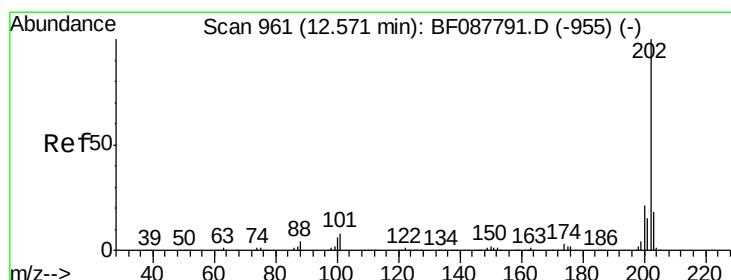
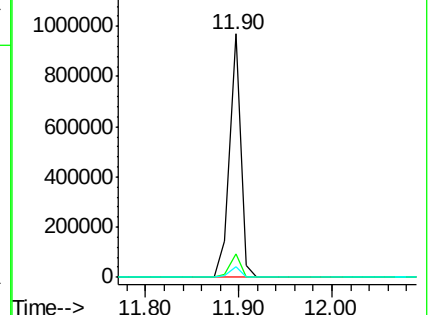
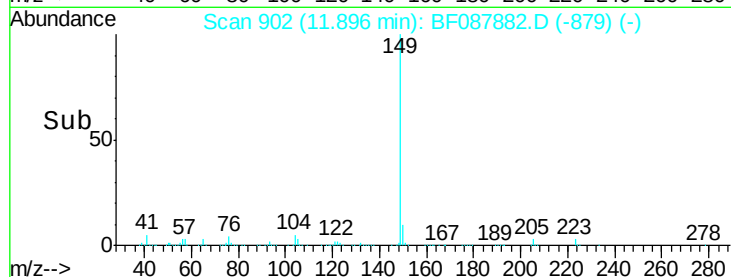
104 4.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.58 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

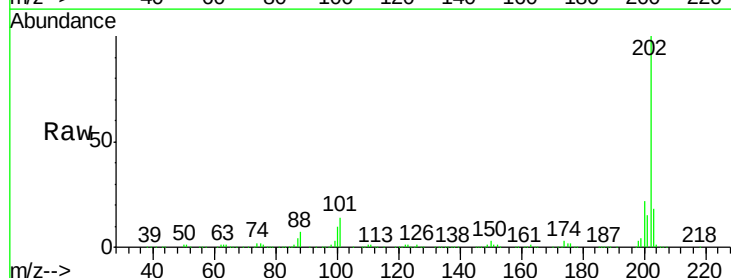
Tgt Ion:202 Resp: 611029

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.1

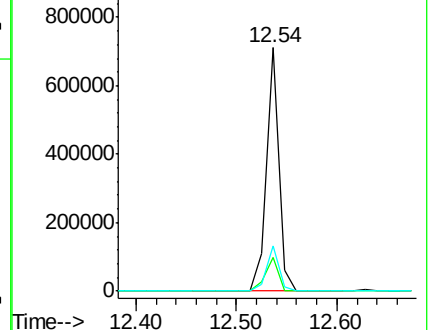
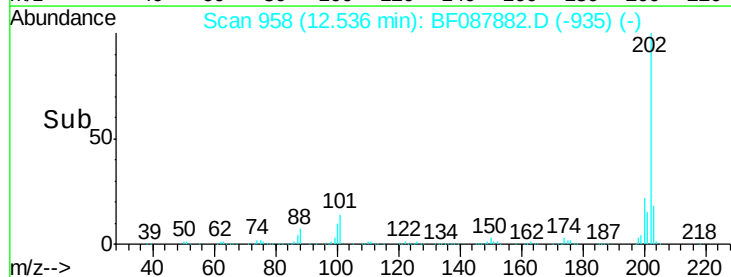
203 18.4 0.0 38.1

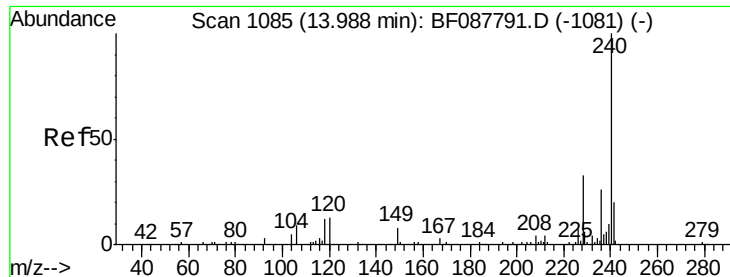


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.95 min Scan# 1082

Delta R.T. -0.03 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)CMSD

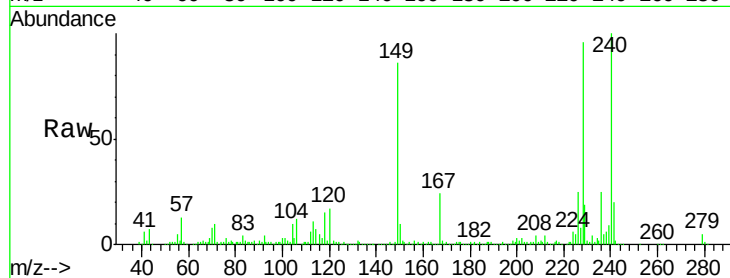
Tgt Ion:240 Resp: 225223

Ion Ratio Lower Upper

240 100

120 17.4 6.8 10.2#

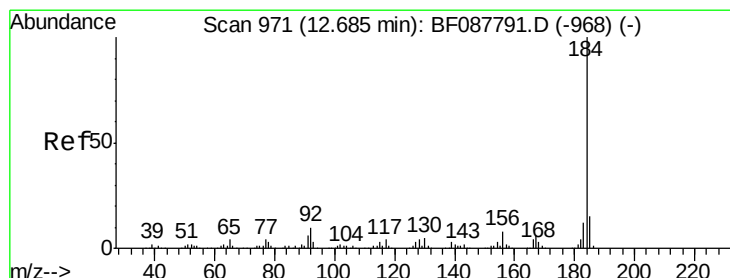
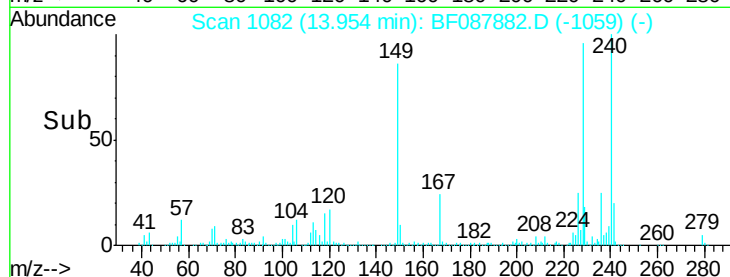
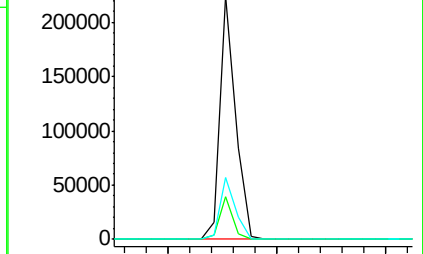
236 25.2 20.2 30.2



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: 40.04 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF087882.D

Acq: 10 Jun 2016 18:52

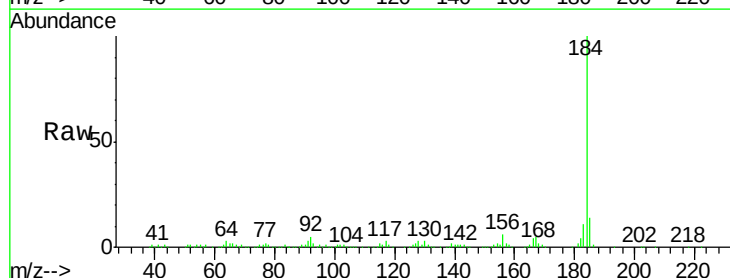
Tgt Ion:184 Resp: 249691

Ion Ratio Lower Upper

184 100

185 13.6 12.5 18.7

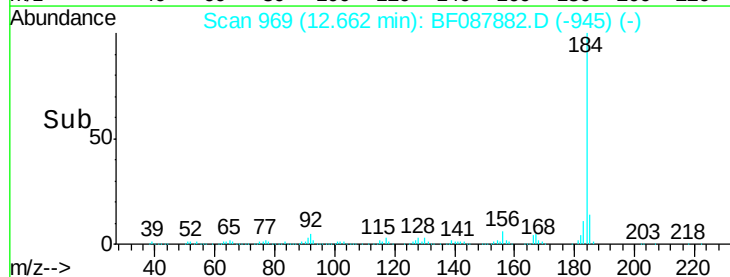
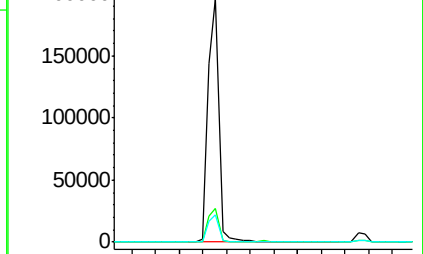
183 11.0 9.3 13.9

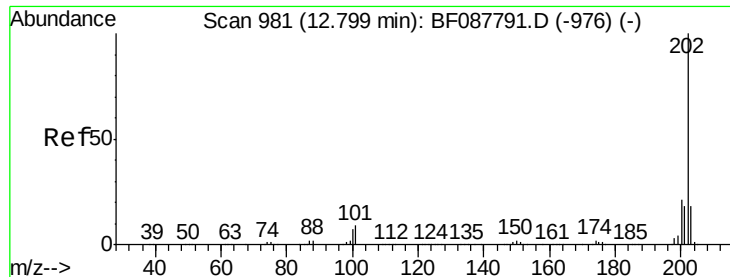


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

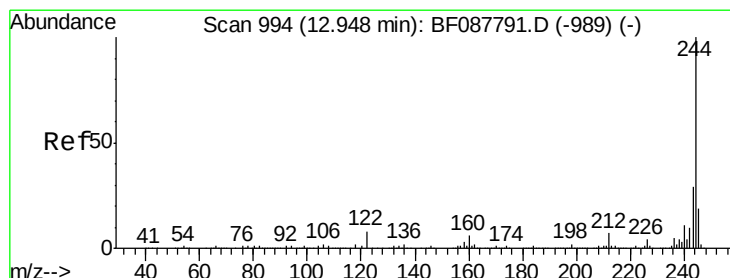
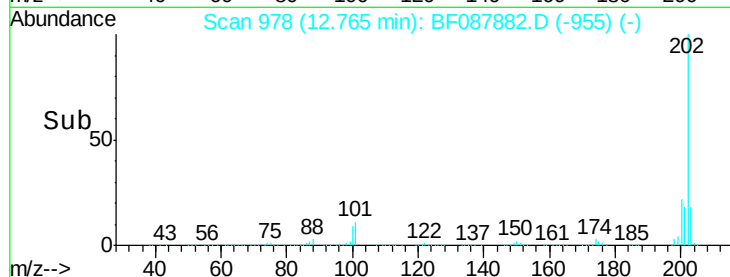
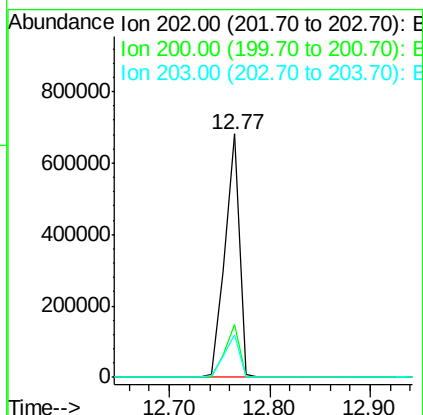
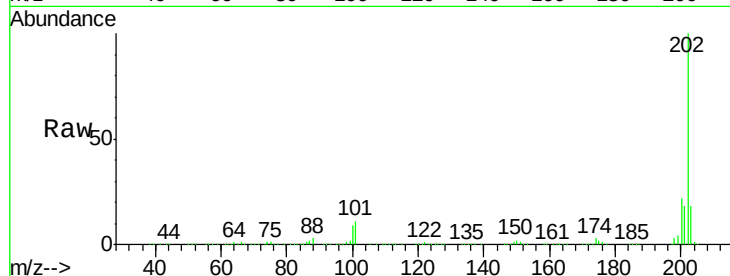




#77
Pyrene
 Concen: 40.75 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

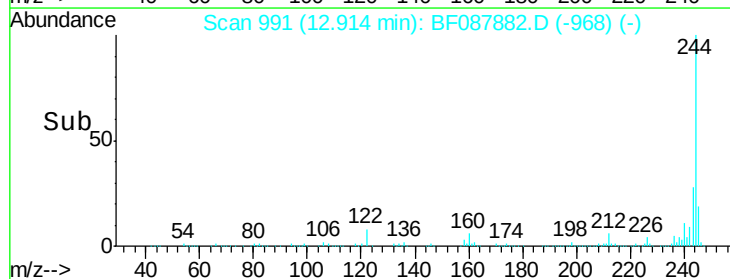
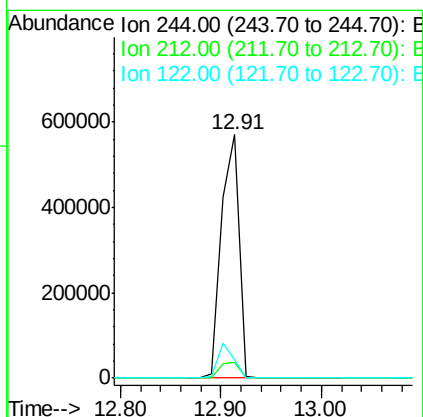
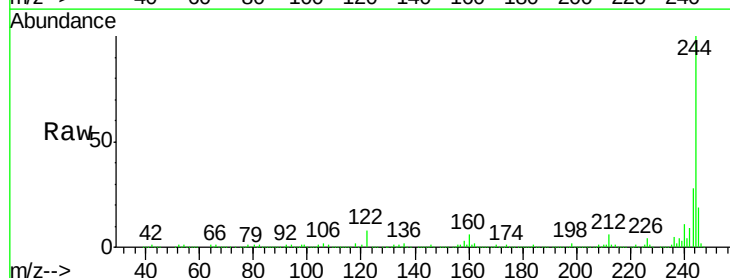
Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

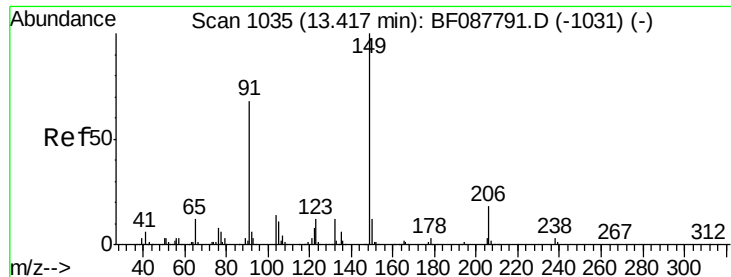
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.8	14.5	21.7



#78
Terphenyl-d14
 Concen: 70.36 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	7.8	11.2	16.8#

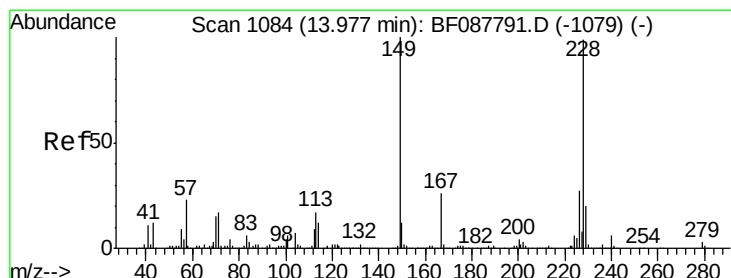
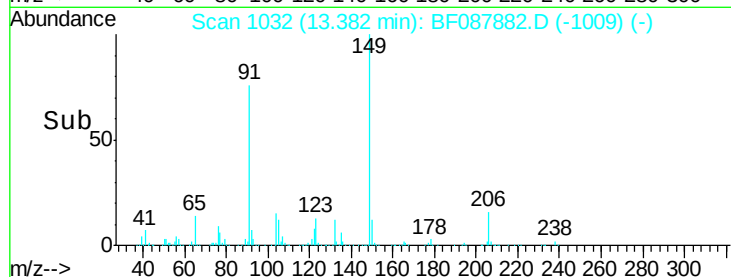
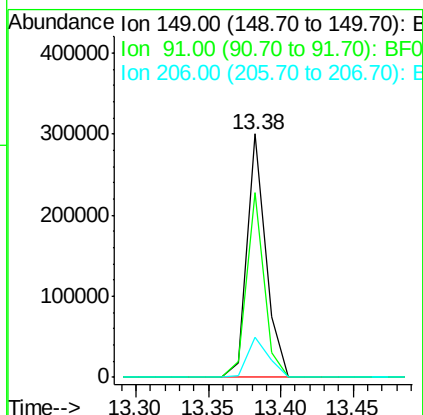
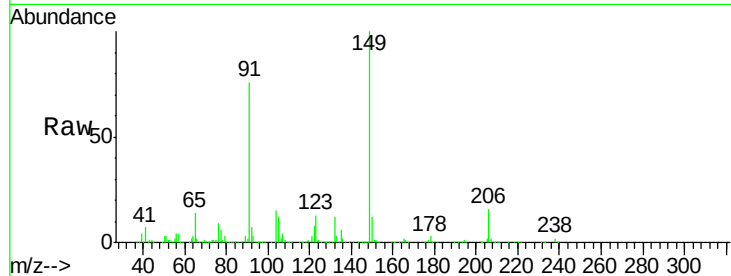




#79
Butylbenzylphthalate
Concen: 36.42 ng
RT: 13.38 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

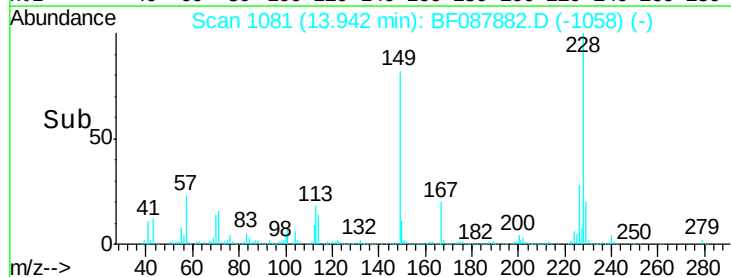
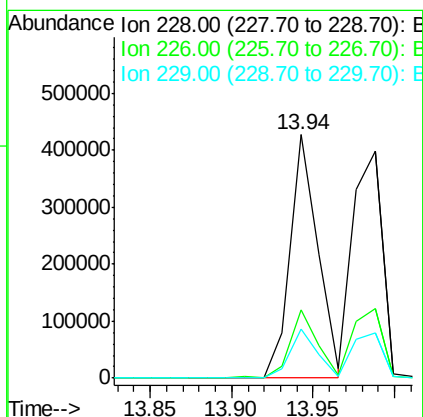
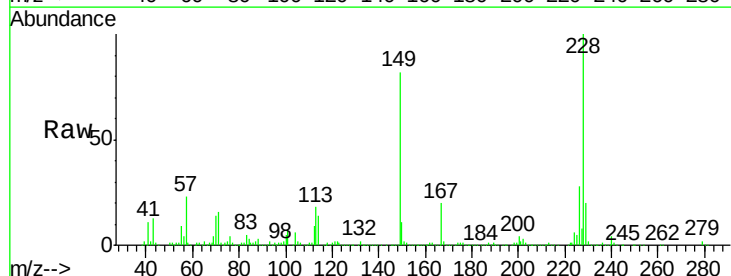
Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

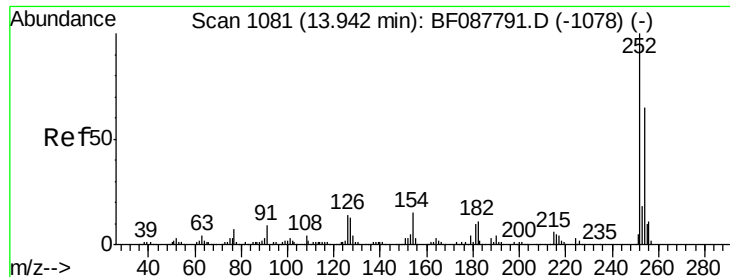
Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.0	48.0	72.0#
206	16.4	16.0	24.0



#80
Benzo(a)anthracene
Concen: 39.62 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.3	33.5
229	20.1	16.0	24.0

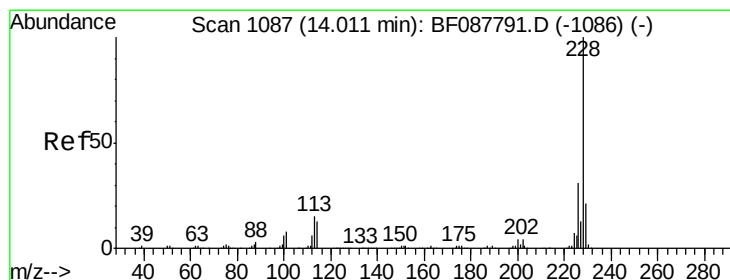
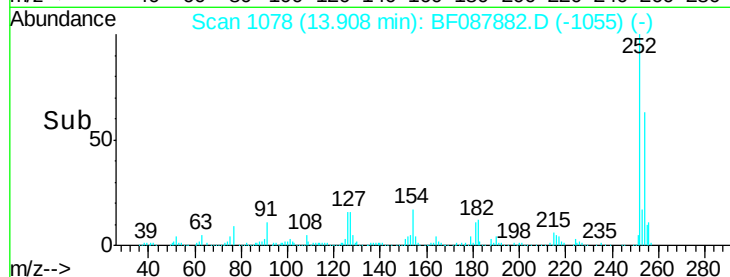
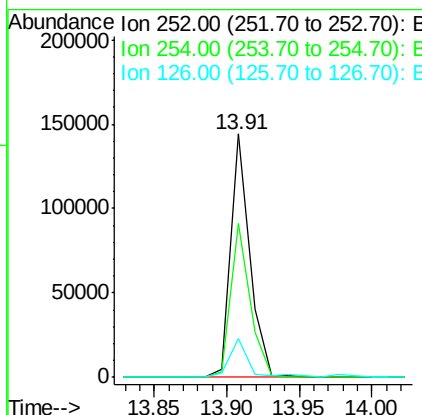
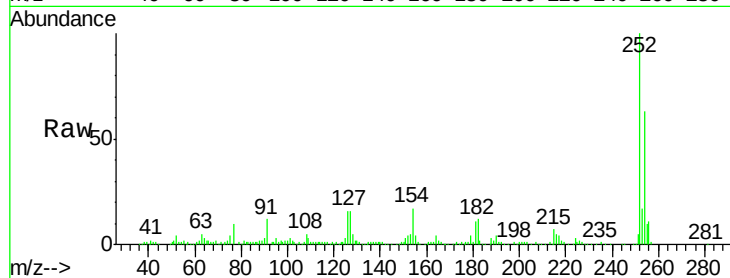




#81
 3,3'-Dichlorobenzidine
 Concen: 38.19 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

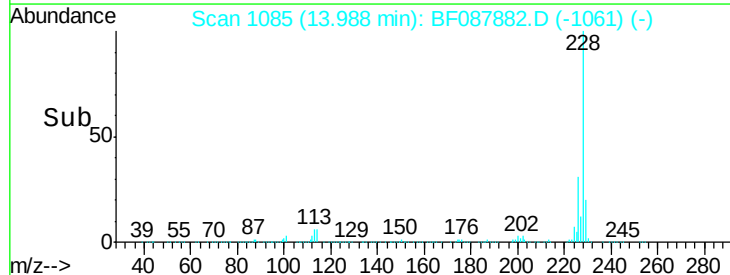
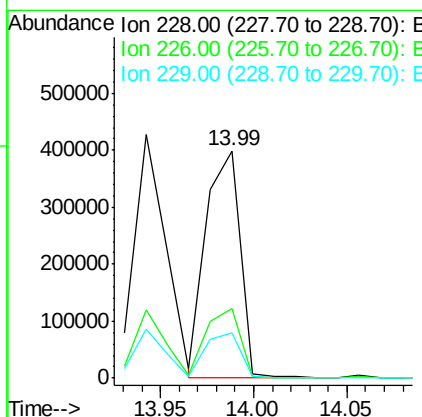
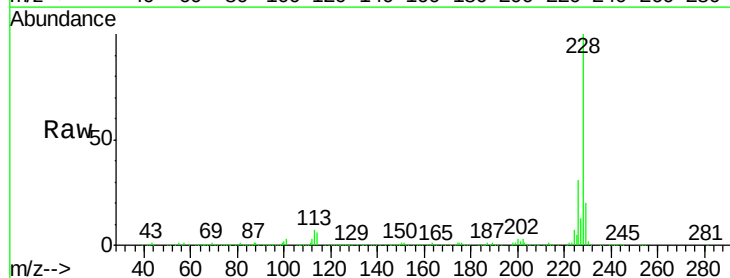
Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

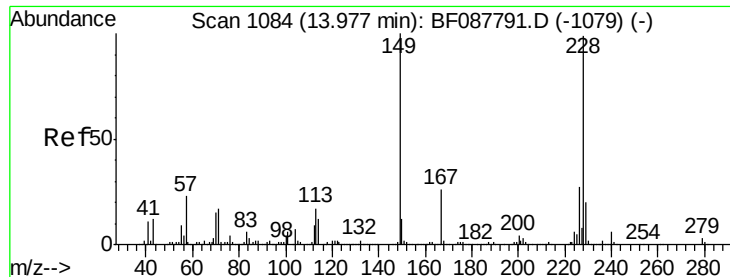
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.6	78.8
126	15.9	6.2	9.2#



#82
 Chrysene
 Concen: 41.89 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.2
229	19.7	16.3	24.5

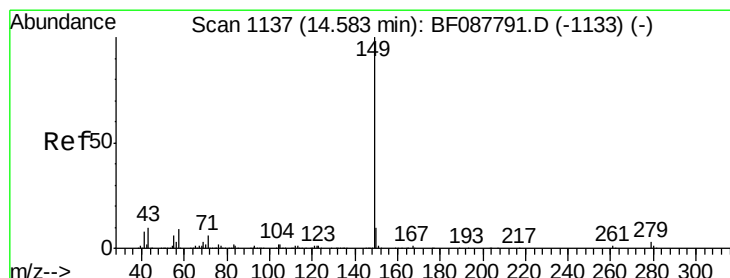
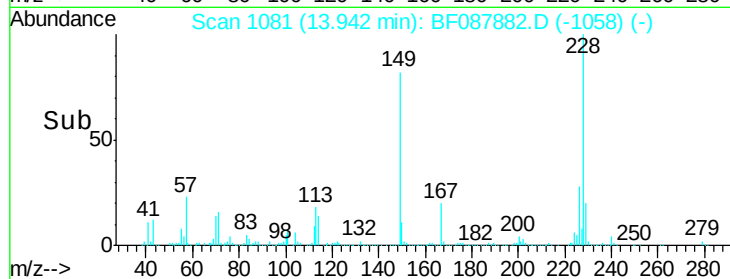
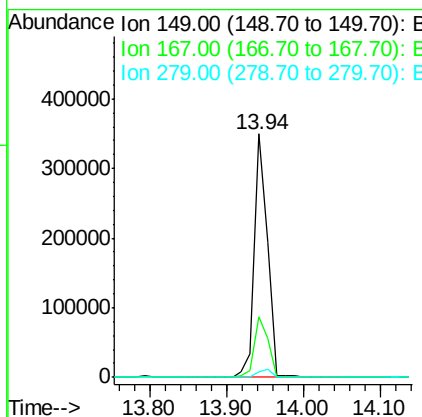
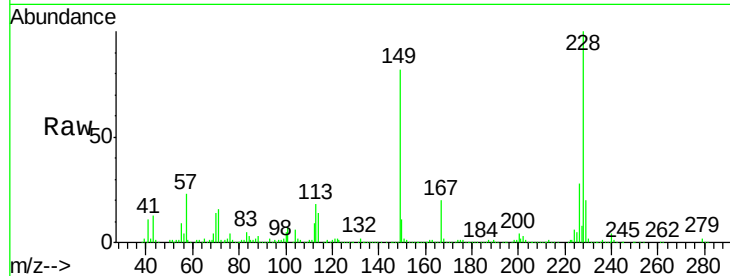




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.01 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

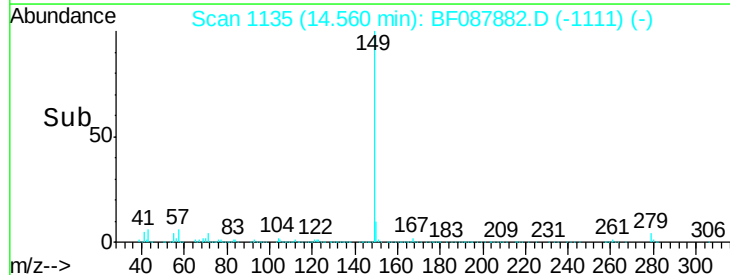
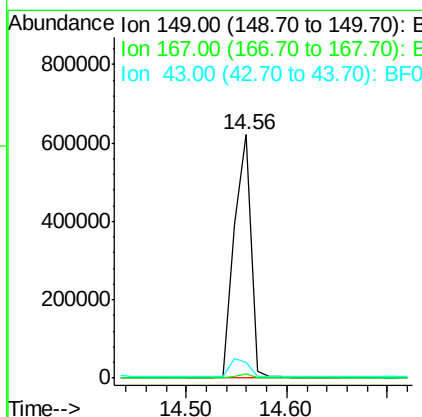
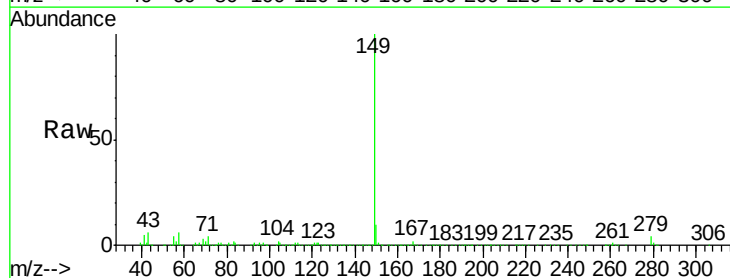
Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

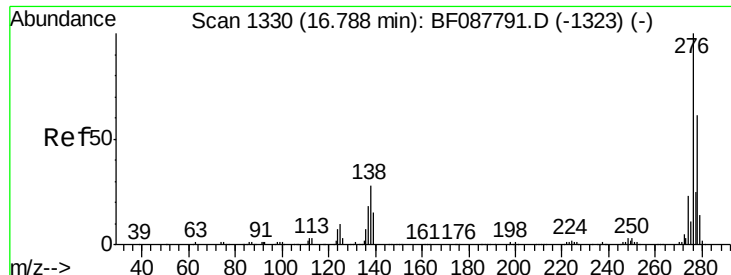
Tgt Ion:149 Resp: 404895
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.5 30.7
 279 2.2 2.0 3.0



#84
 Di-n-octyl phthalate
 Concen: 48.81 ng
 RT: 14.56 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion:149 Resp: 713424
 Ion Ratio Lower Upper
 149 100
 167 1.6 0.0 0.0#
 43 8.5 0.0 0.0#

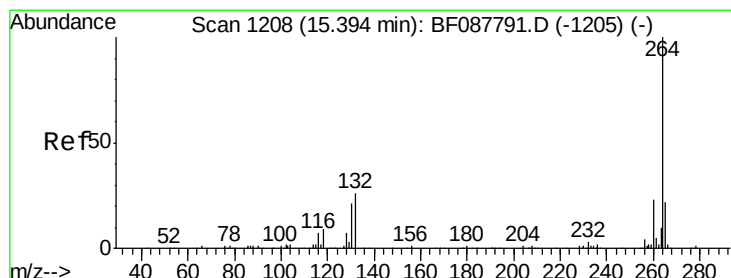
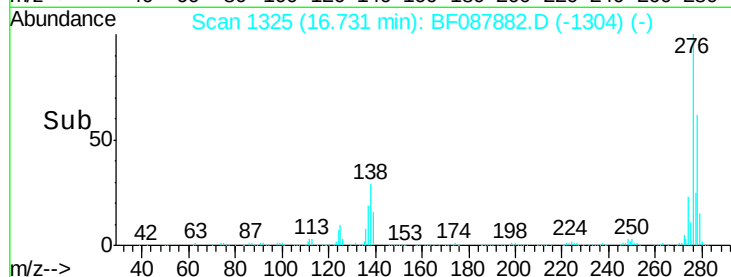
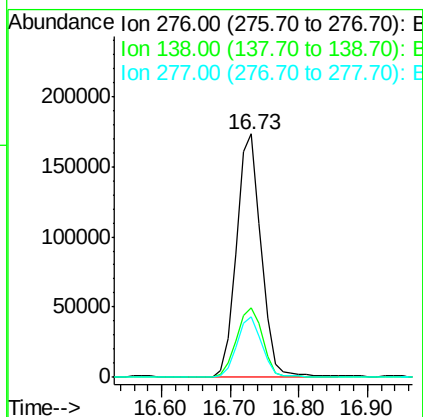
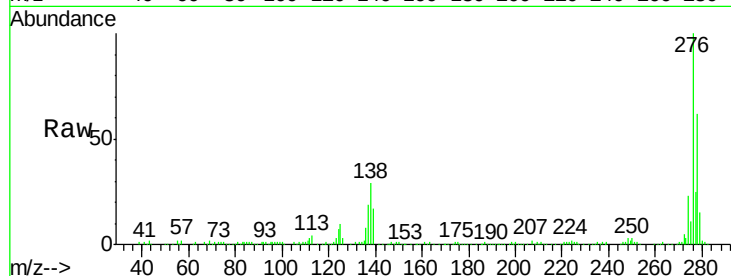




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.53 ng
 RT: 16.73 min Scan# 1325
 Delta R.T. -0.06 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

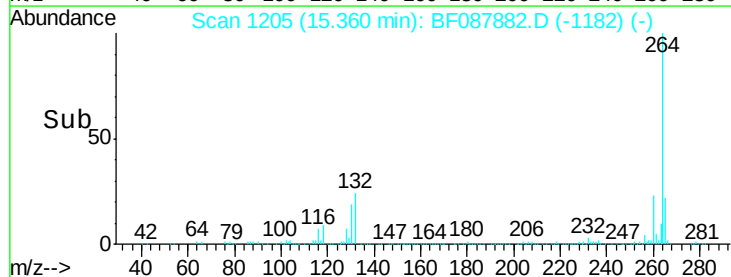
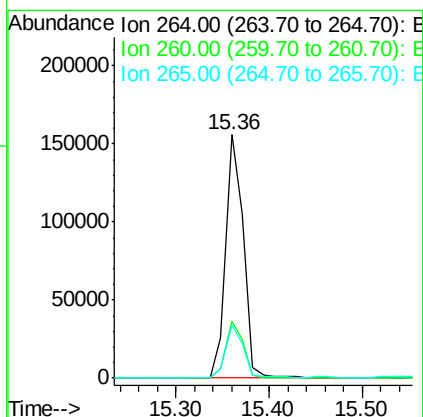
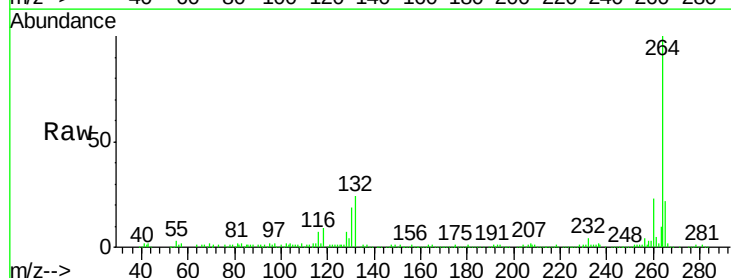
Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

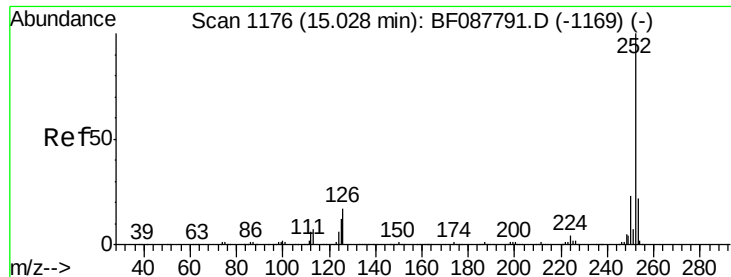
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	0.0	0.0#
277	25.7	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	16.9	25.3

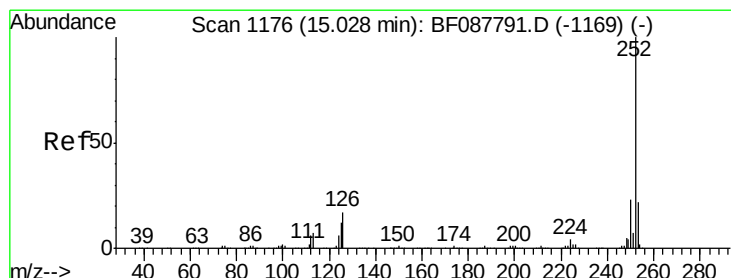
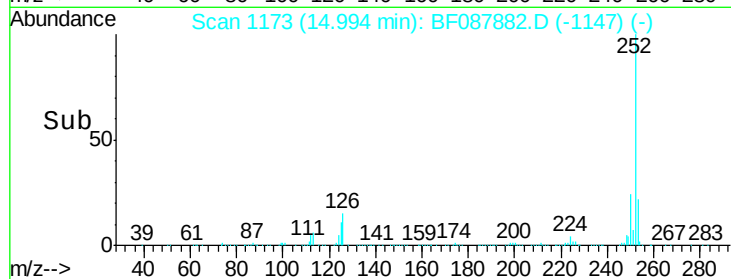
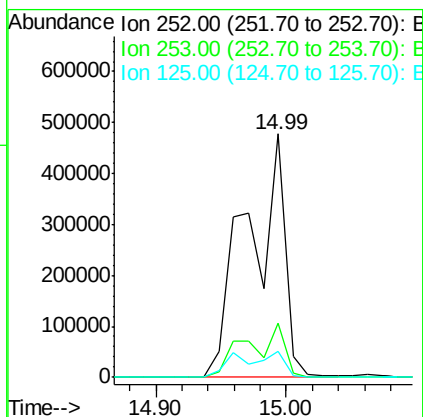
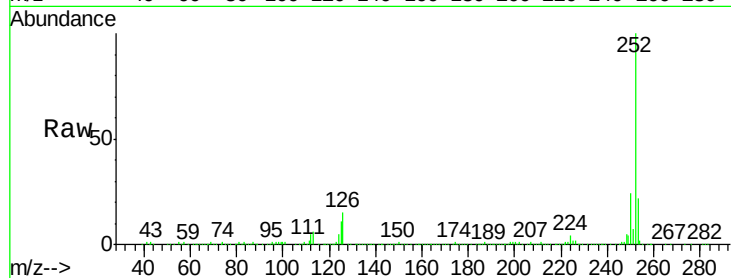




#87
Benzo(b)fluoranthene
Concen: 66.74 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

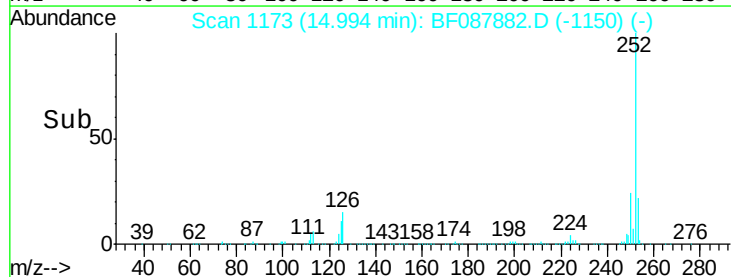
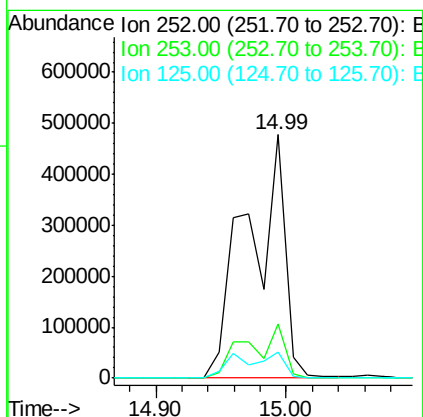
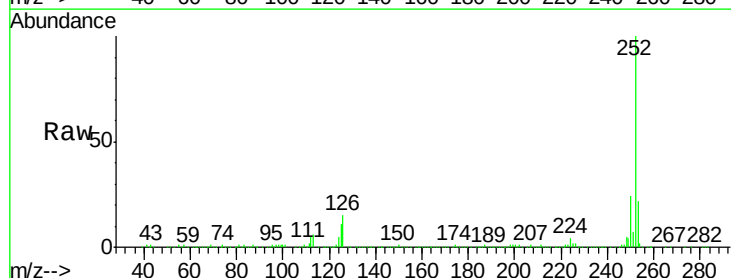
Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

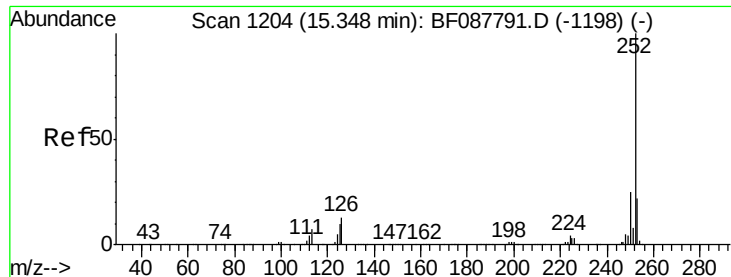
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	10.8	7.1	10.7#



#88
Benzo(k)fluoranthene
Concen: 88.47 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.8	11.2	16.8#

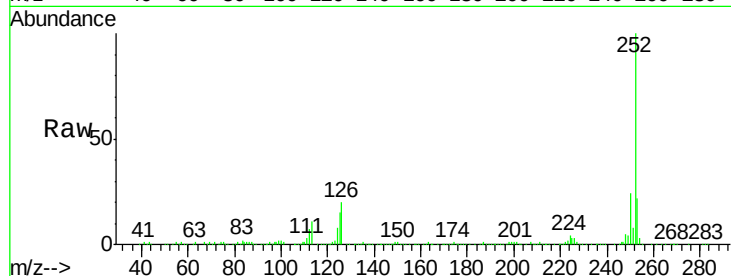




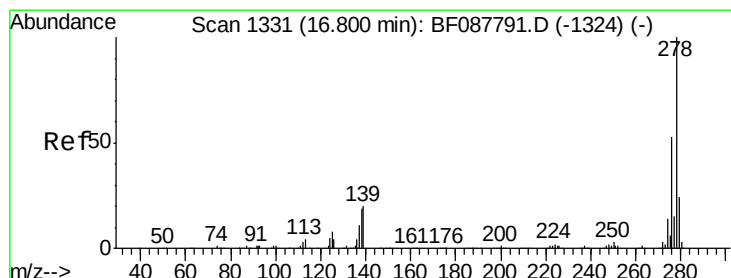
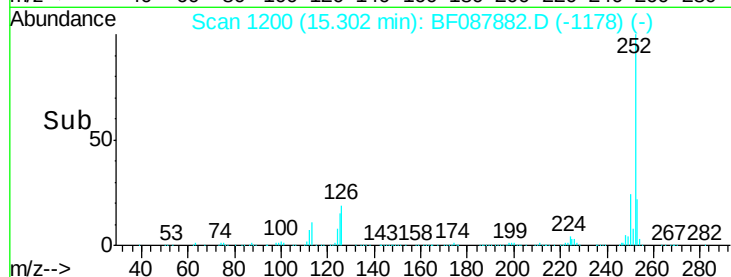
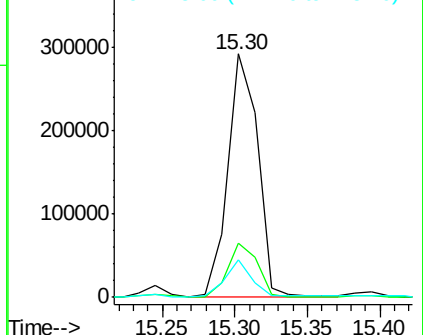
#89
Benzo(a)pyrene
Concen: 36.16 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)CMSD

Tgt Ion: 252 Resp: 418964
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 15.4 12.5 18.7

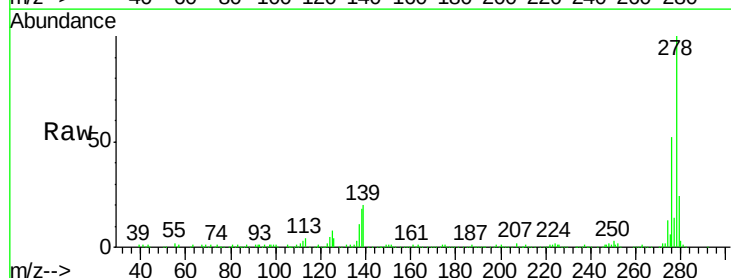


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

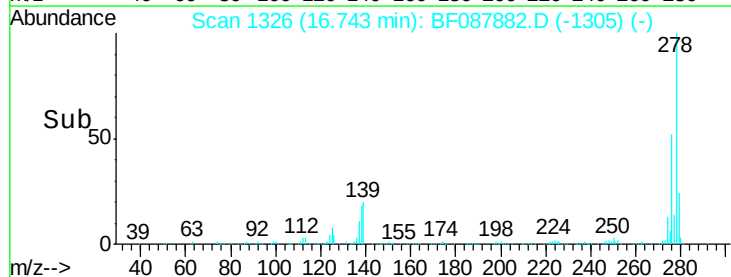
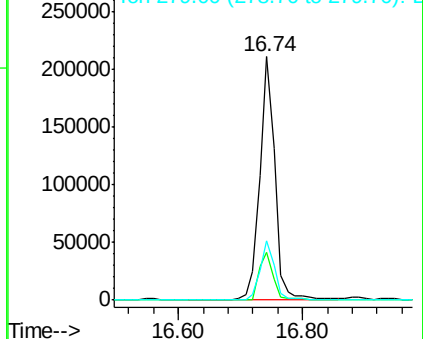


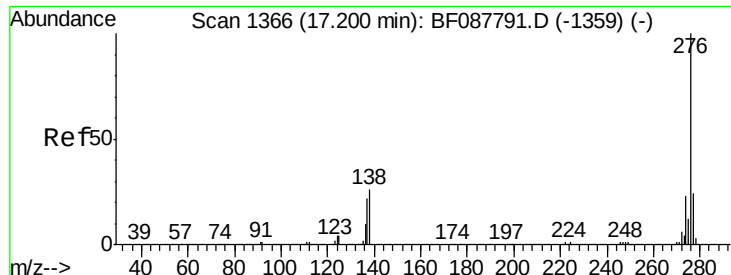
#90
Dibenzo(a,h)anthracene
Concen: 33.51 ng
RT: 16.74 min Scan# 1326
Delta R.T. -0.06 min
Lab File: BF087882.D
Acq: 10 Jun 2016 18:52

Tgt Ion: 278 Resp: 360608
Ion Ratio Lower Upper
278 100
139 19.8 15.7 23.5
279 24.4 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: 31.59 ng
 RT: 17.13 min Scan# 1360
 Delta R.T. -0.07 min
 Lab File: BF087882.D
 Acq: 10 Jun 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)CMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	28.7	21.4	32.2

