

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
 Data File : BF081846.D
 Acq On : 28 Sep 2015 16:32
 Operator : UM/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Sep 28 17:19:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 16:48:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	108153	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	432081	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	205859	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	390249	20.00	ng	0.00
75) Chrysene-d12	14.12	240	362066	20.00	ng	0.00
86) Perylene-d12	15.58	264	286134	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	587748	91.94	ng	0.00
7) Phenol-d6	6.56	99	702895	86.92	ng	0.00
23) Nitrobenzene-d5	7.51	82	640545	97.81	ng	0.01
41) 2,4,6-Tribromophenol	10.78	330	196437	109.91	ng	0.01
44) 2-Fluorobiphenyl	9.30	172	1206637	96.22	ng	0.00
78) Terphenyl-d14	13.05	244	1026212	64.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	127629	40.33	ng	86
3) Pyridine	3.29	79	343626	38.50	ng	85
4) n-Nitrosodimethylamine	3.26	42	151041	35.85	ng	96
6) Aniline	6.59	93	483656	39.95	ng	# 83
8) 2-Chlorophenol	6.72	128	313916	44.56	ng	100
9) Benzaldehyde	6.48	77	234690	49.09	ng	# 78
10) Phenol	6.57	94	400671	42.66	ng	# 65
11) bis(2-Chloroethyl)ether	6.67	93	308511	44.79	ng	92
12) 1,3-Dichlorobenzene	6.87	146	368879	44.25	ng	# 93
13) 1,4-Dichlorobenzene	7.11	146	340439	40.37	ng	96
14) 1,2-Dichlorobenzene	7.11	146	340416	43.38	ng	99
15) Benzyl Alcohol	7.07	79	257384	40.36	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.21	45	435354	36.95	ng	80
17) 2-Methylphenol	7.19	107	261459	43.94	ng	# 87
18) Hexachloroethane	7.44	117	123379	44.92	ng	91
19) n-Nitroso-di-n-propylamine	7.35	70	214751	39.84	ng	# 78
20) 3+4-Methylphenols	7.34	107	318205	42.57	ng	# 71
22) Acetophenone	7.35	105	407054	42.95	ng	# 81
24) Nitrobenzene	7.52	77	321067	43.94	ng	# 68
25) Isophorone	7.76	82	616293	42.48	ng	# 92
26) 2-Nitrophenol	7.84	139	175896	66.28	ng	# 79
27) 2,4-Dimethylphenol	7.87	122	297235	45.18	ng	# 83
28) bis(2-Chloroethoxy)methane	7.98	93	347447	41.00	ng	# 96
29) 2,4-Dichlorophenol	8.08	162	281358	45.93	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	303512	44.15	ng	96
31) Naphthalene	8.24	128	855684	42.93	ng	97
32) Benzoic acid	8.00	122	174527	136.24	ng	# 74
33) 4-Chloroaniline	8.30	127	407115	46.54	ng	# 92
34) Hexachlorobutadiene	8.35	225	176712	43.58	ng	98
35) Caprolactam	8.67	113	83876	51.26	ng	90
36) 4-Chloro-3-methylphenol	8.78	107	281094	45.79	ng	89
37) 2-Methylnaphthalene	8.94	142	628522	44.25	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	287993	43.83	ng	98
40) Hexachlorocyclopentadiene	9.09	237	171548	60.92	ng	97

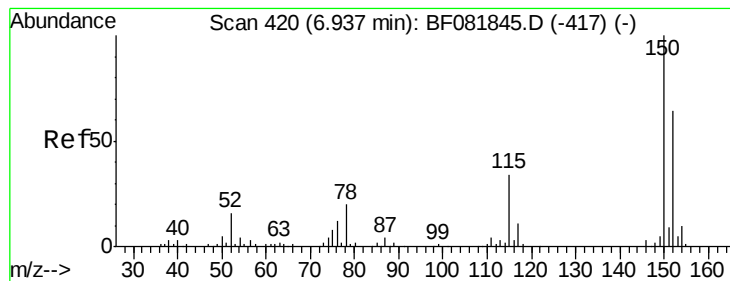
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	204931	47.34	ng	100
43) 2,4,5-Trichlorophenol	9.26	196	217531	51.07	ng #	93
45) 1,1'-Biphenyl	9.41	154	743557	46.19	ng	94
46) 2-Chloronaphthalene	9.43	162	610529	47.15	ng	97
47) 2-Nitroaniline	9.52	65	178311	51.78	ng #	65
48) Acenaphthylene	9.84	152	909839	41.52	ng	96
49) Dimethylphthalate	9.70	163	662026	42.26	ng #	98
50) 2,6-Dinitrotoluene	9.77	165	155900	51.56	ng #	90
51) Acenaphthene	10.01	154	533271	42.23	ng	89
52) 3-Nitroaniline	9.94	138	192199	58.61	ng #	87
53) 2,4-Dinitrophenol	10.03	184	54772	176.43	ng #	28
54) Dibenzofuran	10.18	168	756095	40.82	ng #	87
55) 4-Nitrophenol	10.09	139	130437	57.68	ng #	50
56) 2,4-Dinitrotoluene	10.17	165	210988	58.29	ng #	93
57) Fluorene	10.53	166	575039	40.45	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.30	232	166754	51.29	ng	97
59) Diethylphthalate	10.40	149	634134	41.80	ng	98
60) 4-Chlorophenyl-phenylether	10.53	204	280191	42.94	ng	91
61) 4-Nitroaniline	10.56	138	188016	59.02	ng #	58
62) Azobenzene	10.67	77	606087	39.07	ng	86
64) 4,6-Dinitro-2-methylphenol	10.57	198	86407	112.05	ng	92
65) n-Nitrosodiphenylamine	10.64	169	536519	40.77	ng	91
66) 4-Bromophenyl-phenylether	11.02	248	187801	43.22	ng #	81
67) Hexachlorobenzene	11.07	284	217000	47.86	ng #	83
68) Atrazine	11.17	200	168982	42.94	ng	83
69) Pentachlorophenol	11.27	266	132999	71.77	ng	100
70) Phenanthrene	11.50	178	942498	42.24	ng	96
71) Anthracene	11.54	178	902426	41.98	ng	97
72) Carbazole	11.70	167	873057	43.74	ng	95
73) Di-n-butylphthalate	12.02	149	890384	36.65	ng #	97
74) Fluoranthene	12.69	202	978688	43.53	ng	86
76) Benzidine	12.81	184	558088	45.42	ng #	96
77) Pyrene	12.92	202	1026518	37.61	ng	96
79) Butylbenzylphthalate	13.53	149	399858	36.76	ng	97
80) Benzo(a)anthracene	14.10	228	878042	39.99	ng	96
81) 3,3'-Dichlorobenzidine	14.07	252	331934	47.60	ng #	94
82) Chrysene	14.10	228	878042	41.70	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	474134	35.94	ng #	90
84) Di-n-octyl phthalate	14.70	149	782908	40.36	ng #	93
85) Indeno(1,2,3-cd)pyrene	17.05	276	710169	36.84	ng #	86
87) Benzo(b)fluoranthene	15.16	252	788684	46.48	ng #	85
88) Benzo(k)fluoranthene	15.16	252	788684	48.25	ng #	86
89) Benzo(a)pyrene	15.52	252	682606	44.56	ng #	86
90) Dibenzo(a,h)anthracene	17.06	278	570822	35.76	ng #	83
91) Benzo(g,h,i)perylene	17.50	276	581652	35.34	ng #	73

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

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SSTDIC050

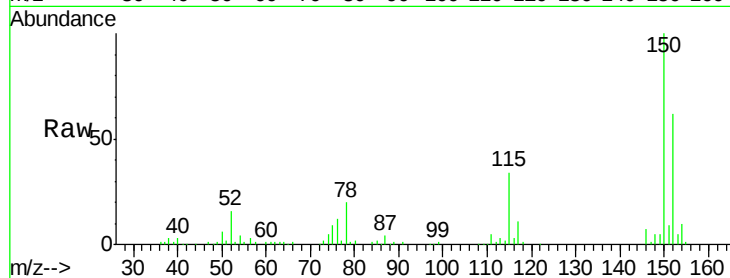
Tgt Ion:152 Resp: 108153

Ion Ratio Lower Upper

152 100

150 160.0 124.7 187.1

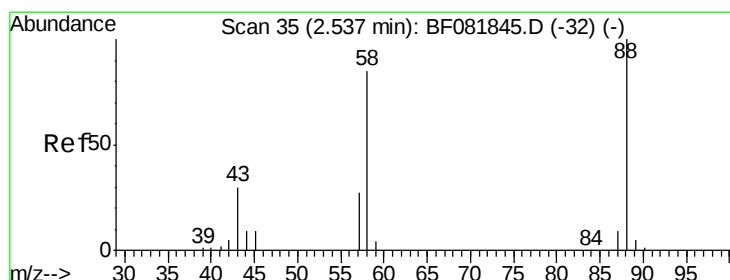
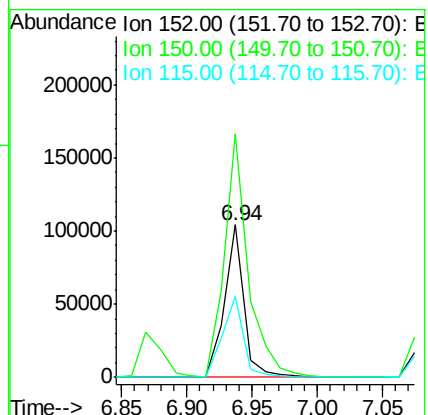
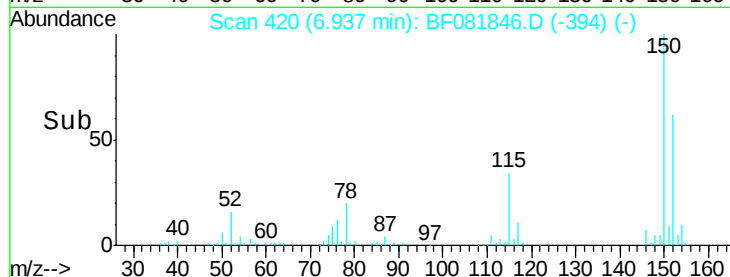
115 53.7 39.0 58.4



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: 40.33 ng

RT: 2.54 min Scan# 35

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

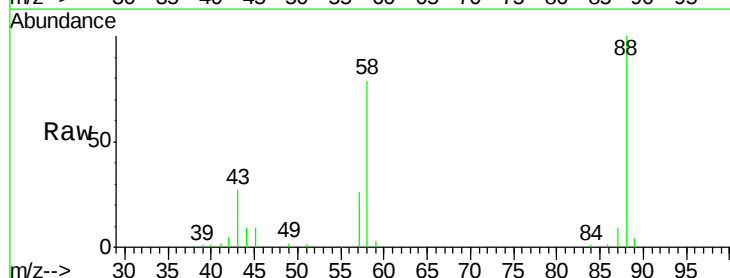
Tgt Ion: 88 Resp: 127629

Ion Ratio Lower Upper

88 100

58 82.2 77.7 116.5

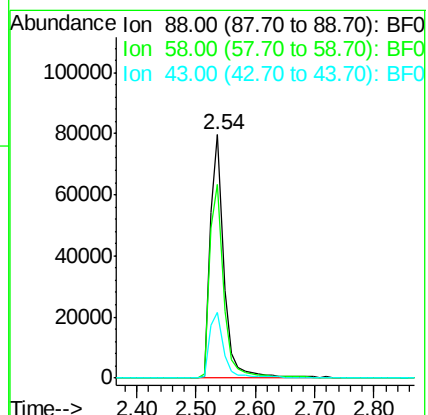
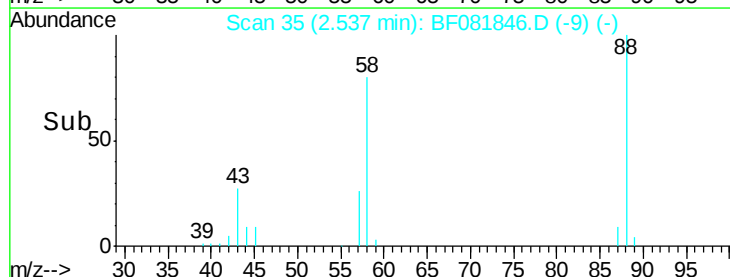
43 28.3 26.6 40.0

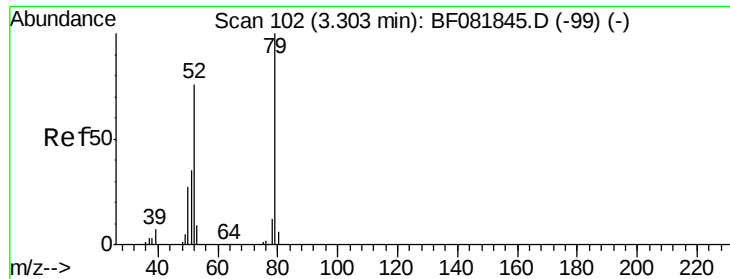


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.50 ng

RT: 3.29 min Scan# 101

Delta R.T. -0.01 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

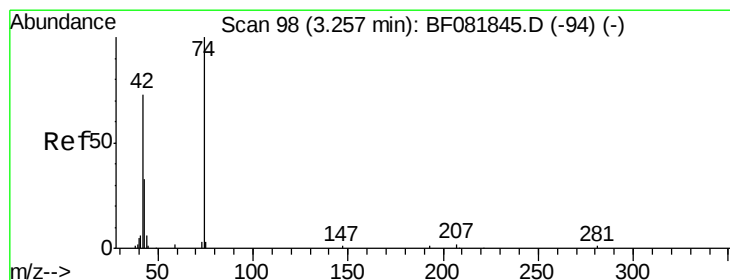
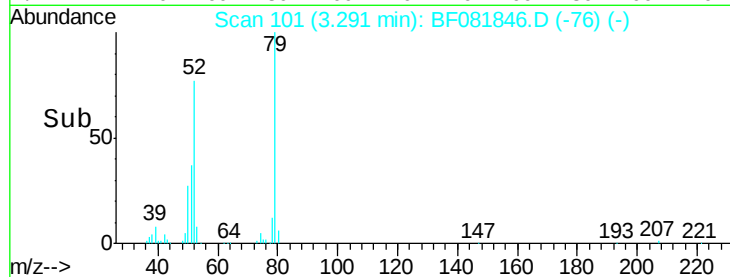
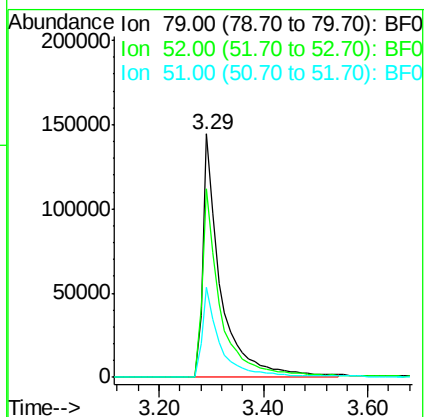
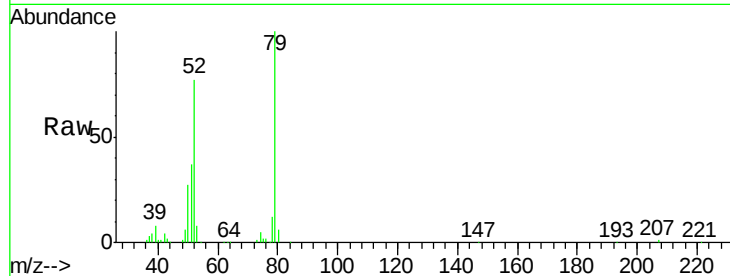
Tgt Ion: 79 Resp: 343626

Ion Ratio Lower Upper

79 100

52 77.5 76.8 115.2

51 37.2 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 35.85 ng

RT: 3.26 min Scan# 98

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

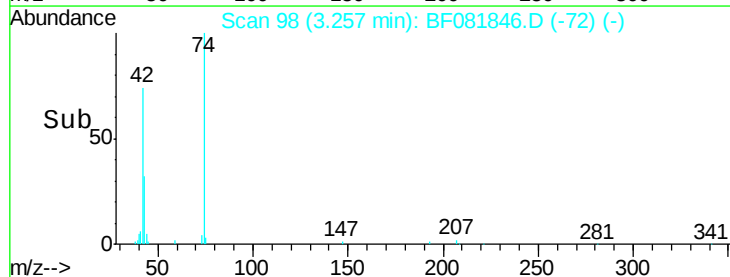
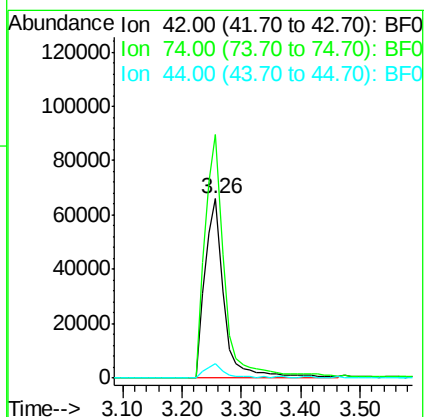
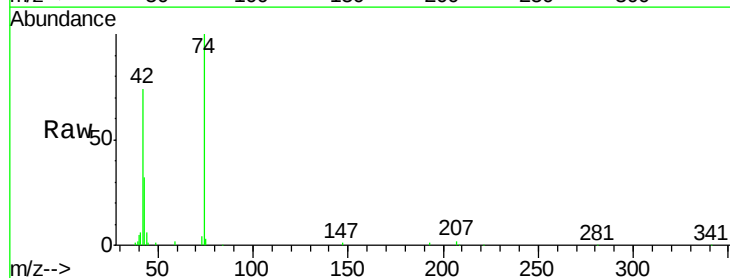
Tgt Ion: 42 Resp: 151041

Ion Ratio Lower Upper

42 100

74 135.9 105.0 157.6

44 7.8 6.6 10.0





#5

2-Fluorophenol

Concen: 91.94 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

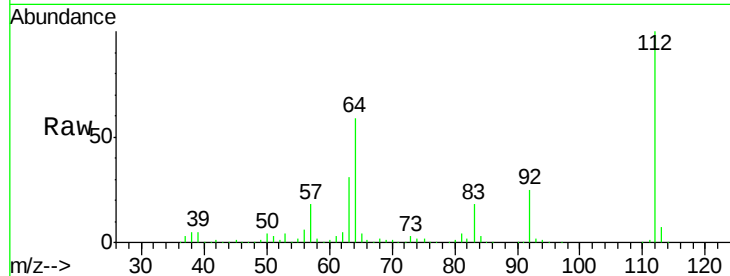
Tgt Ion: 112 Resp: 587748

Ion Ratio Lower Upper

112 100

64 58.9 39.7 59.5

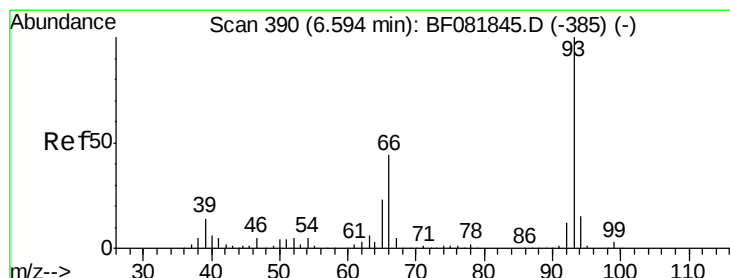
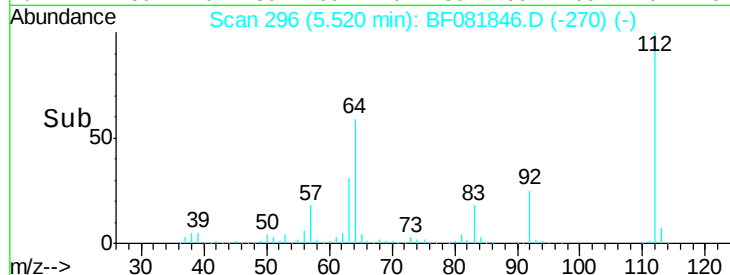
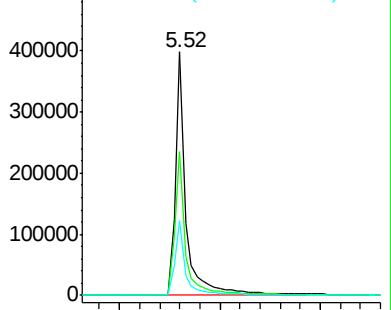
63 30.5 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.95 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

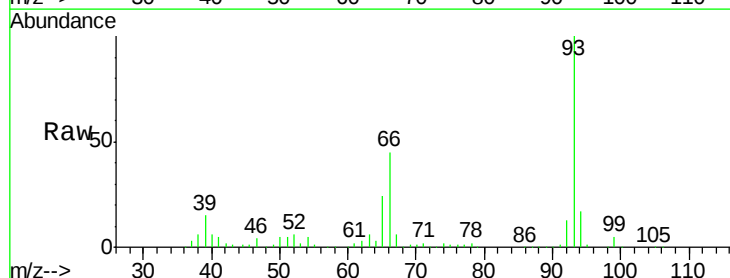
Tgt Ion: 93 Resp: 483656

Ion Ratio Lower Upper

93 100

66 45.3 27.2 40.8#

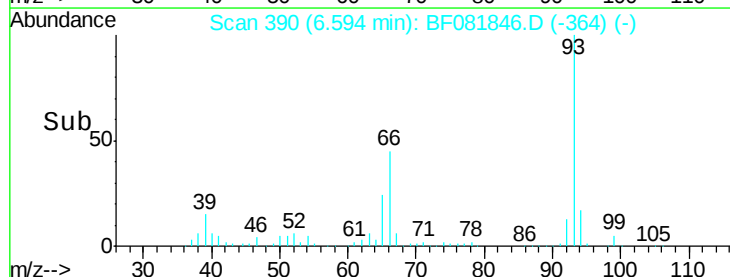
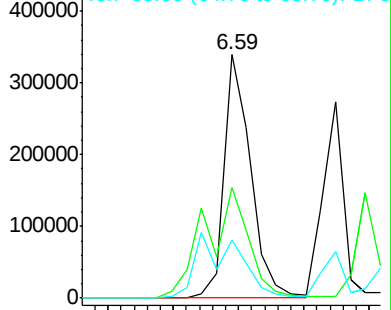
65 23.9 14.7 22.1#

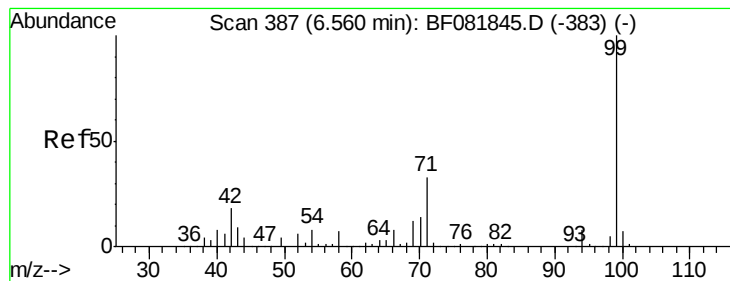


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 86.92 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

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SSTDIC050

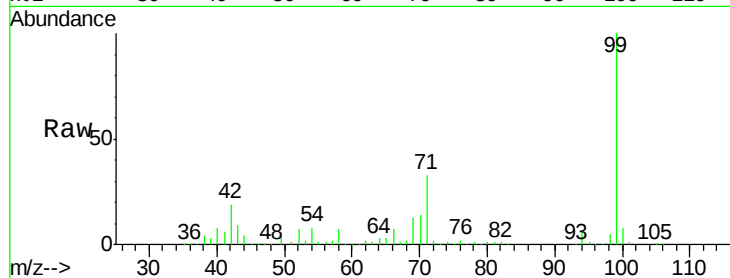
Tgt Ion: 99 Resp: 702895

Ion Ratio Lower Upper

99 100

42 18.5 13.7 20.5

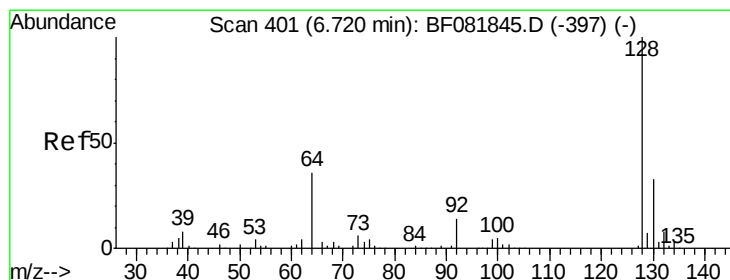
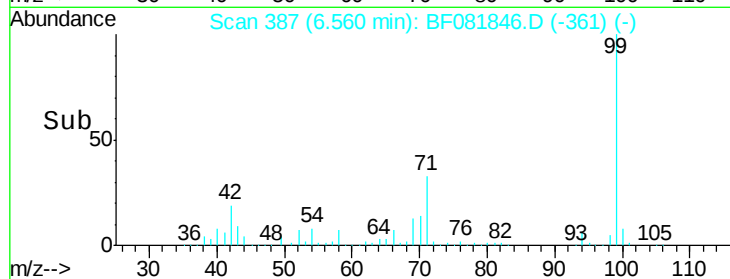
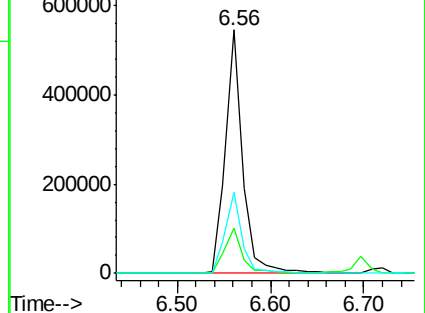
71 33.5 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.56 ng

RT: 6.72 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

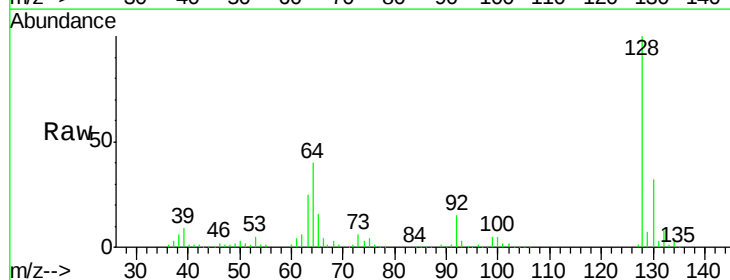
Tgt Ion: 128 Resp: 313916

Ion Ratio Lower Upper

128 100

130 32.4 12.2 52.2

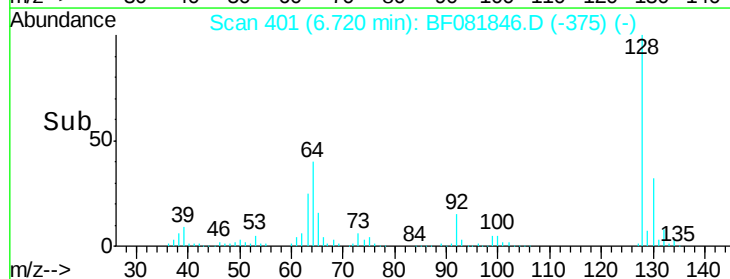
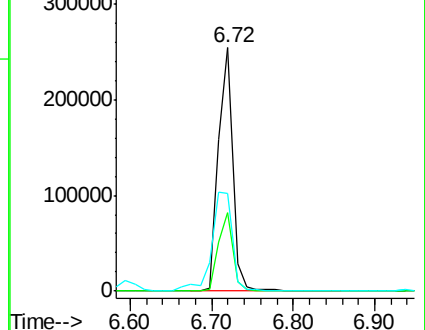
64 40.4 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 49.09 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF081846.D

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SSTDICC050

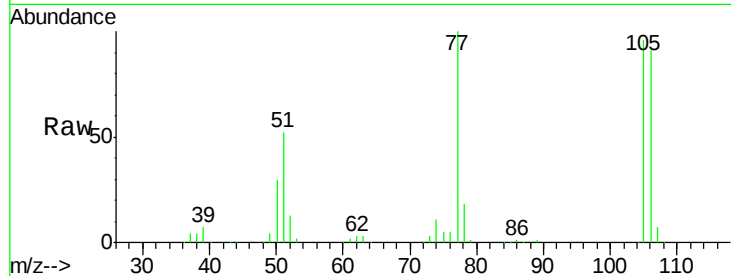
Tgt Ion: 77 Resp: 234690

Ion Ratio Lower Upper

77 100

105 95.7 91.6 131.6

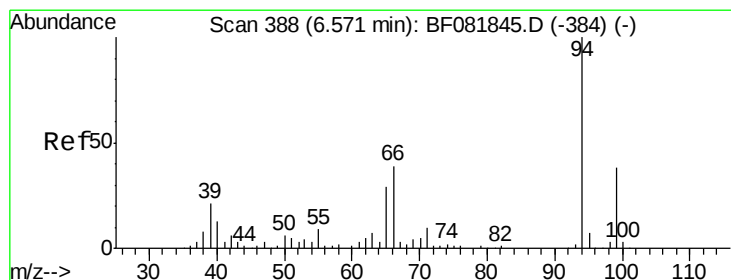
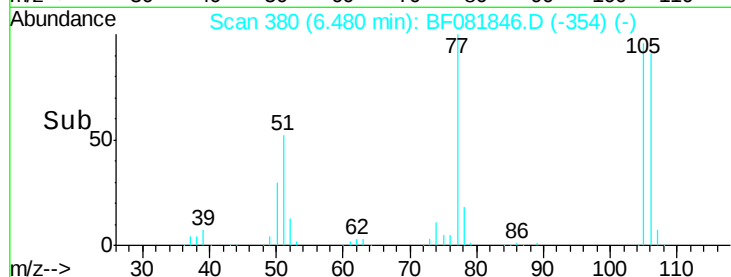
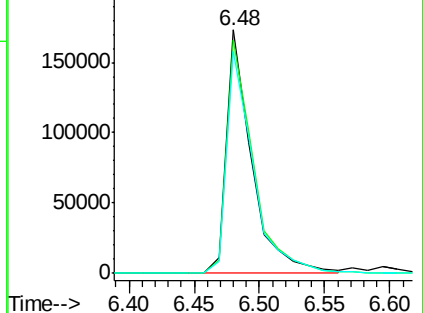
106 91.3 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 42.66 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

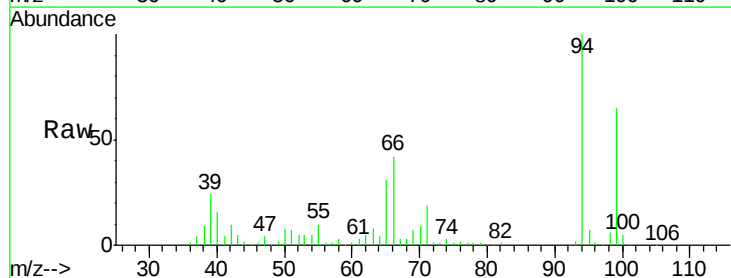
Tgt Ion: 94 Resp: 400671

Ion Ratio Lower Upper

94 100

65 31.3 0.7 40.7

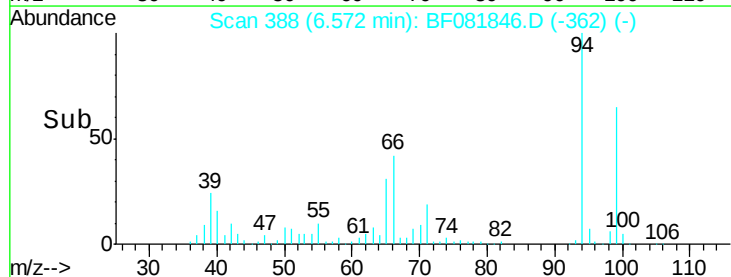
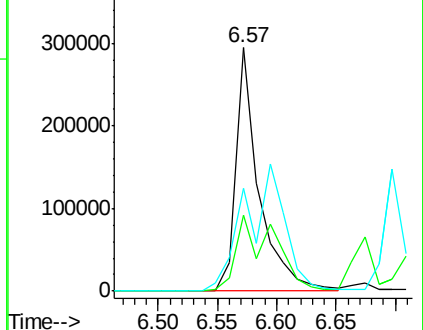
66 42.4 0.8 40.8#

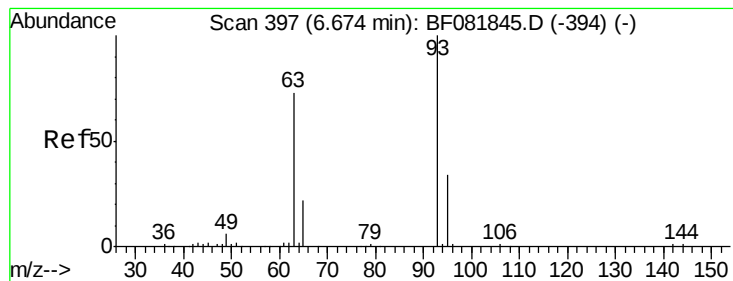


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.79 ng

RT: 6.67 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

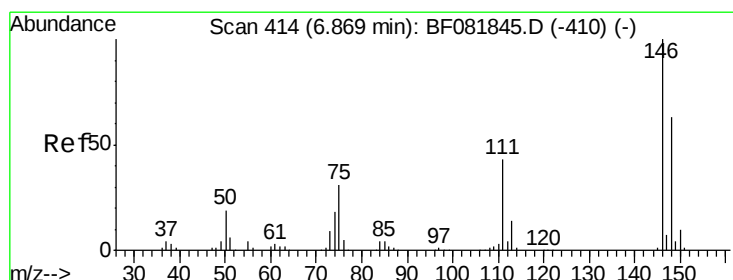
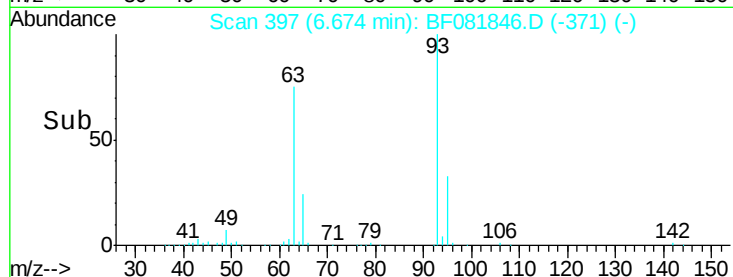
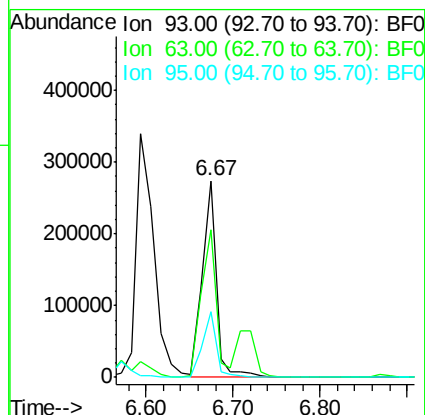
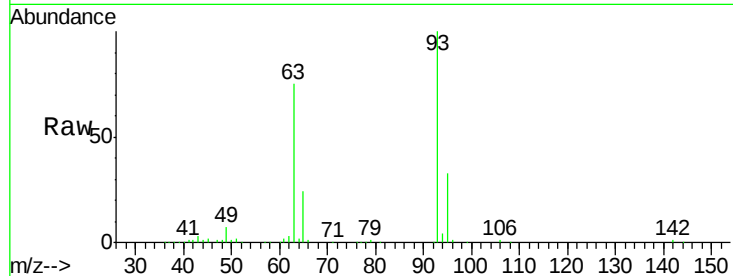
Tgt Ion: 93 Resp: 308511

Ion Ratio Lower Upper

93 100

63 75.3 65.6 105.6

95 33.2 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 44.25 ng

RT: 6.87 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

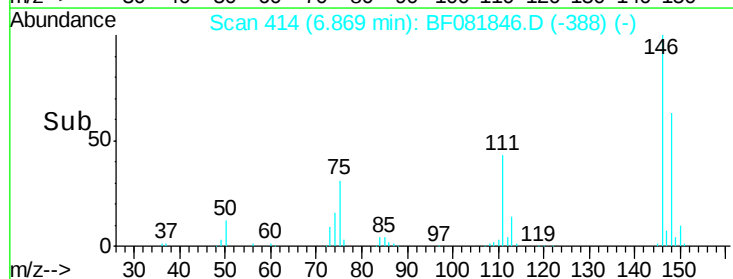
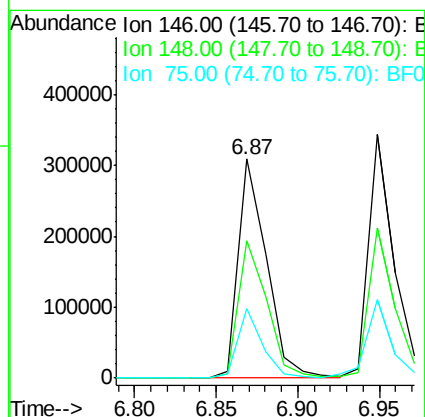
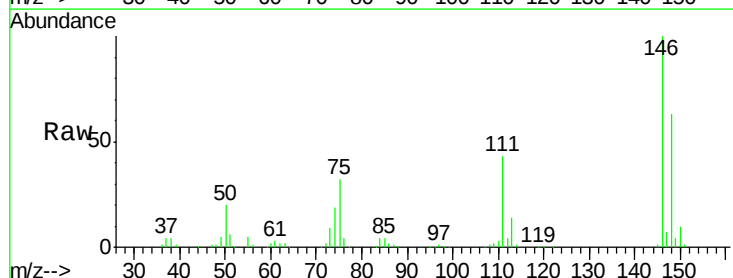
Tgt Ion: 146 Resp: 368879

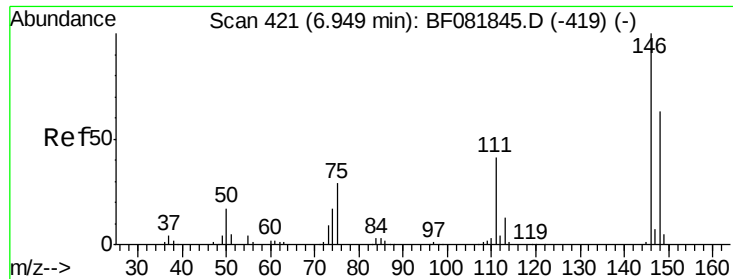
Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.4

75 31.8 15.0 22.6#

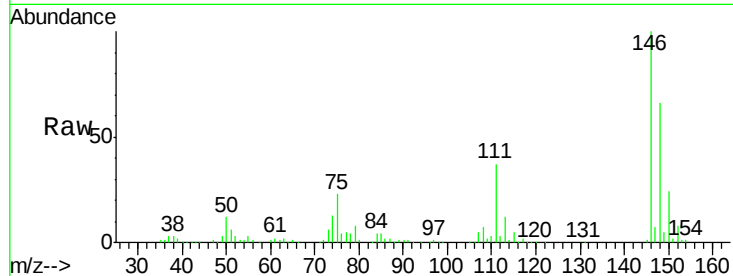




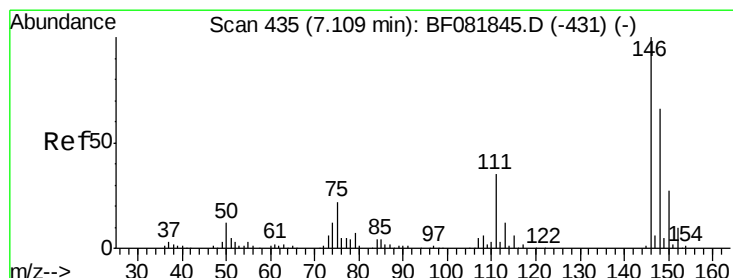
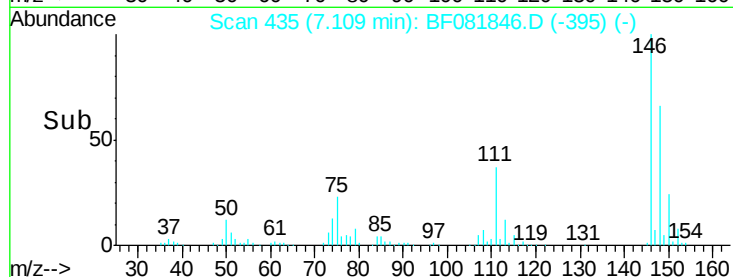
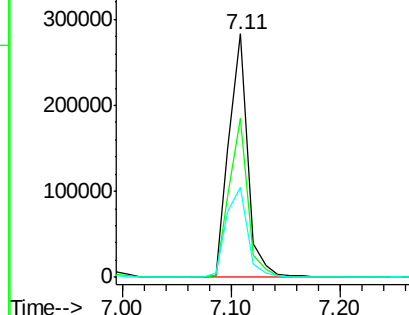
#13
 1,4-Dichlorobenzene
 Concen: 40.37 ng
 RT: 7.11 min Scan# 435
 Delta R.T. 0.16 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:146 Resp: 340439
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.8 77.6
 111 37.0 24.9 37.3

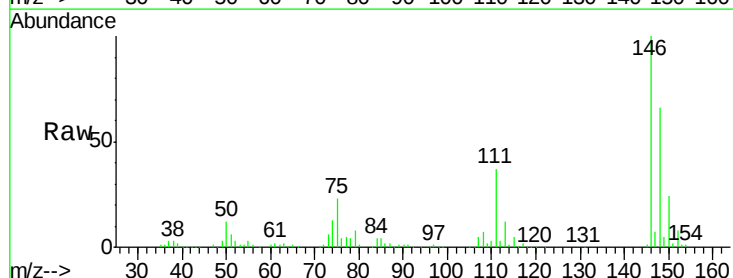


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

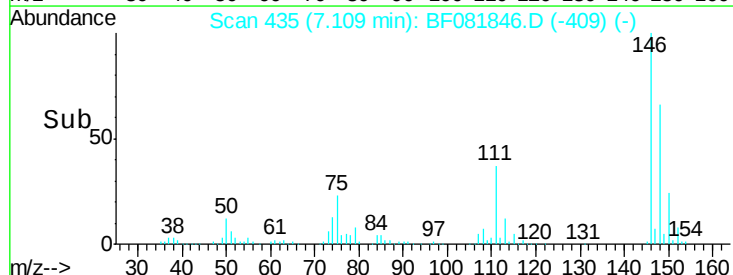
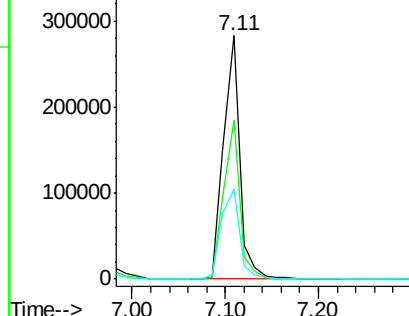


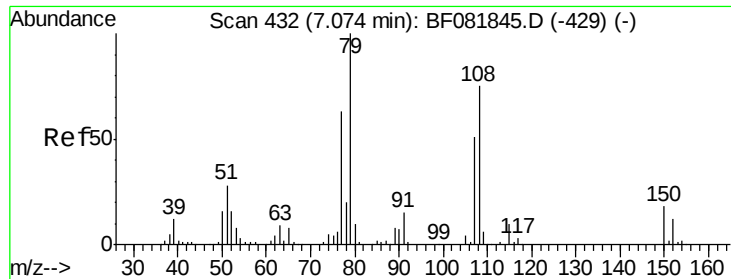
#14
 1,2-Dichlorobenzene
 Concen: 43.38 ng
 RT: 7.11 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion:146 Resp: 340416
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.7 79.1
 111 37.0 28.8 43.2



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





#15

Benzyl Alcohol

Concen: 40.36 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

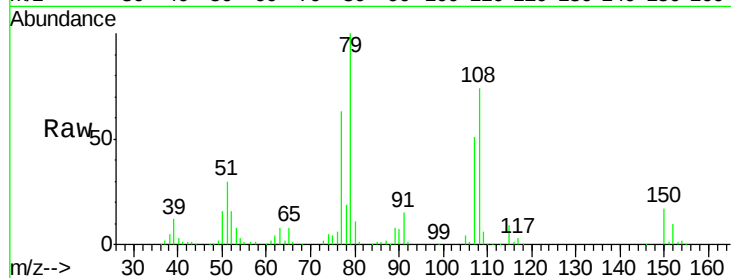
Tgt Ion: 79 Resp: 257384

Ion Ratio Lower Upper

79 100

108 74.4 88.6 132.8#

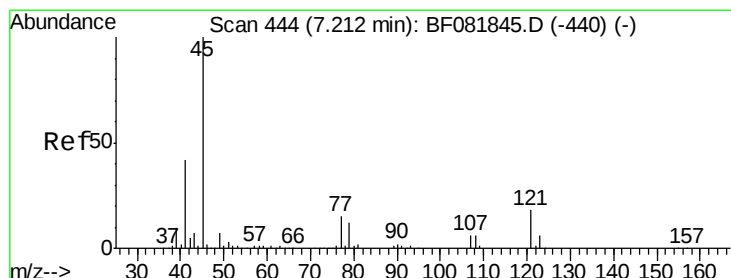
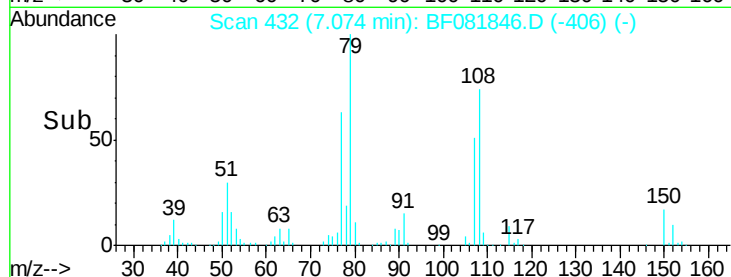
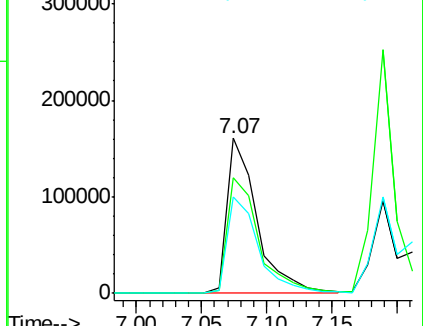
77 62.5 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.95 ng

RT: 7.21 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

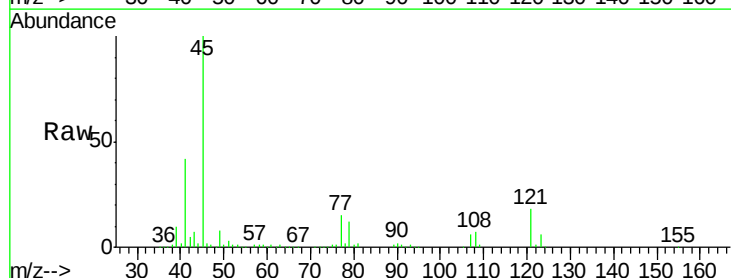
Tgt Ion: 45 Resp: 435354

Ion Ratio Lower Upper

45 100

77 15.4 0.0 28.1

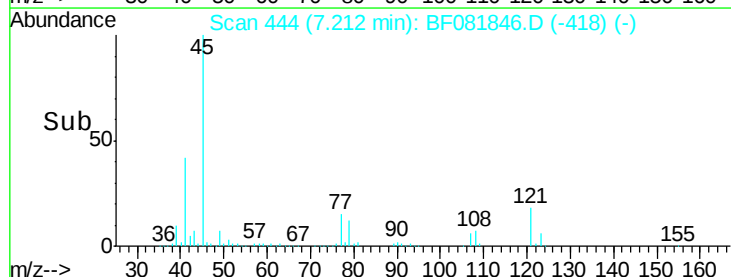
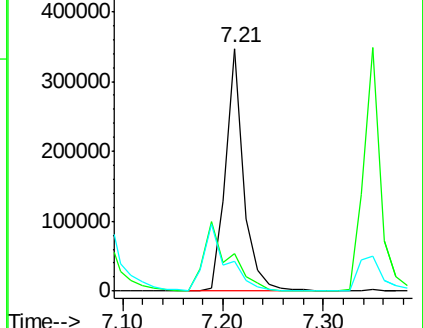
79 12.4 0.0 26.0

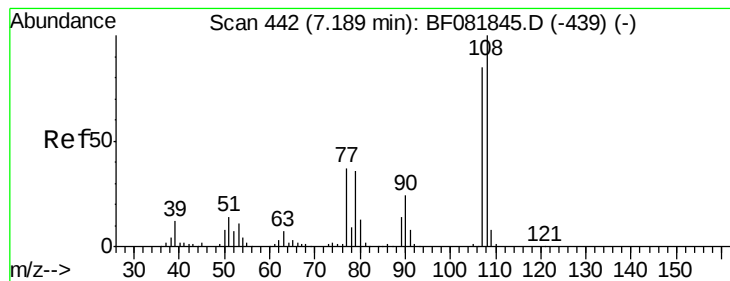


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

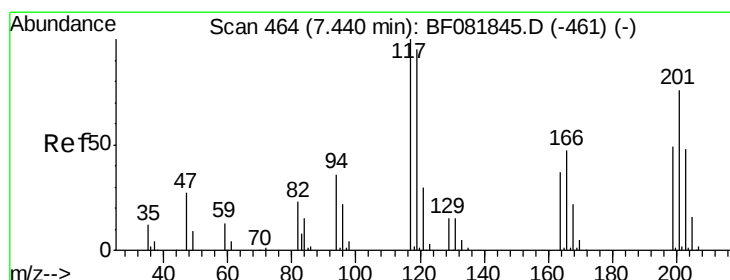
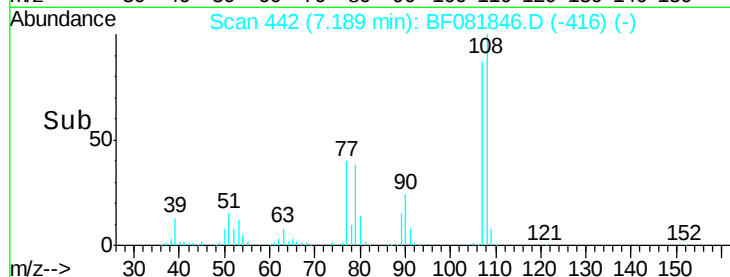
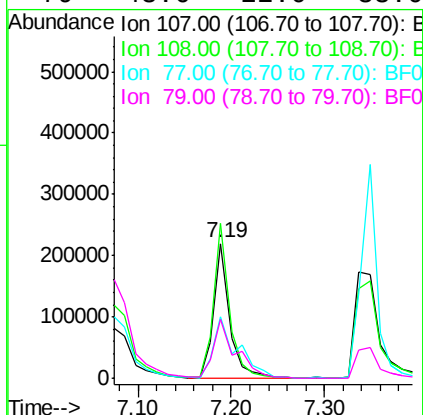
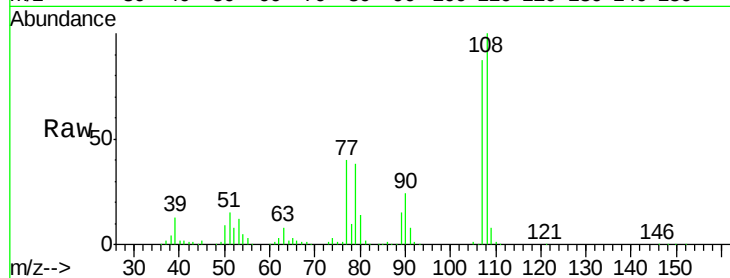




#17
2-Methylphenol
Concen: 43.94 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

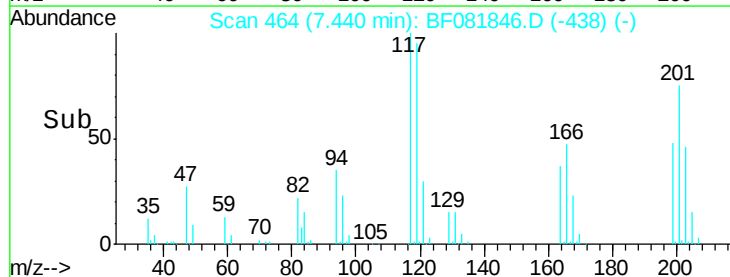
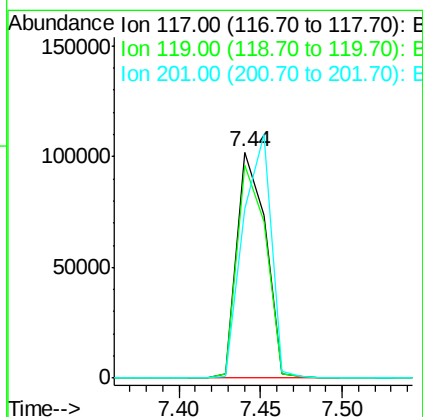
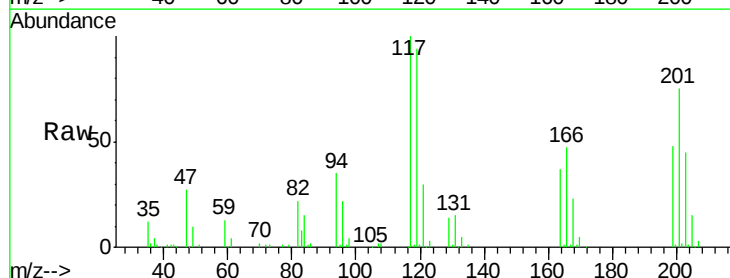
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

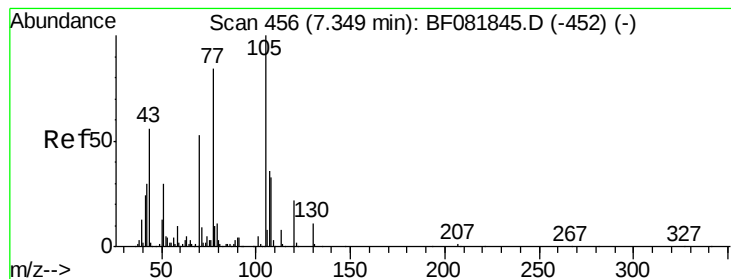
Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.0	96.6	145.0
77	45.6	23.3	34.9#
79	43.6	22.0	33.0#



#18
Hexachloroethane
Concen: 44.92 ng
RT: 7.44 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	83.8	125.6
201	74.9	55.1	82.7





#19

n-Nitroso-di-n-propylamine

Concen: 39.84 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 70 Resp: 214751

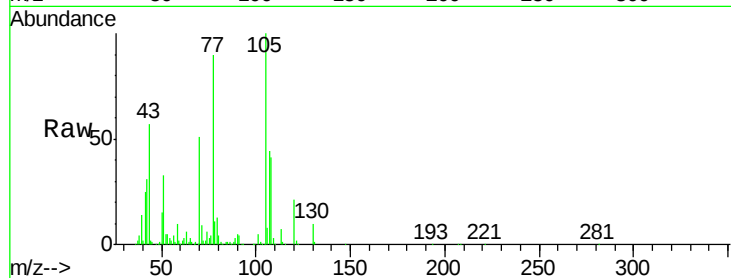
Ion Ratio Lower Upper

70 100

42 60.0 63.8 95.6#

101 9.2 9.2 13.8

130 19.1 27.3 40.9#



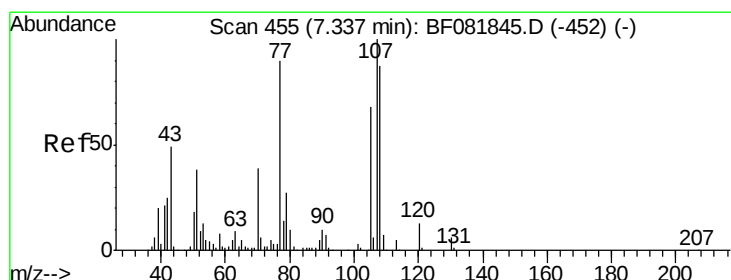
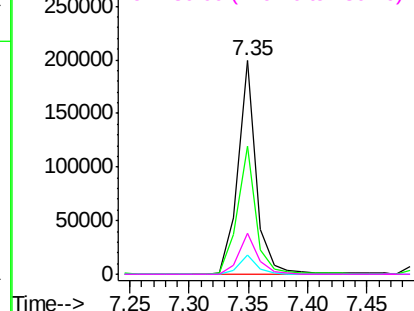
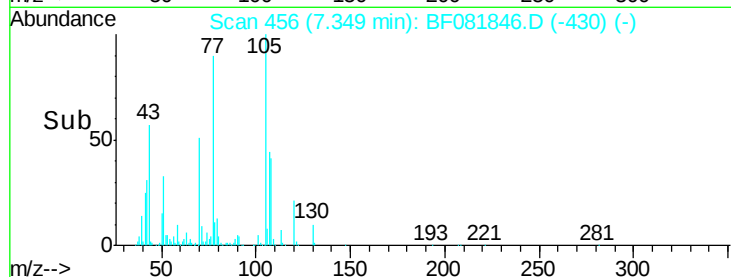
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 42.57 ng

RT: 7.34 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Tgt Ion: 107 Resp: 318205

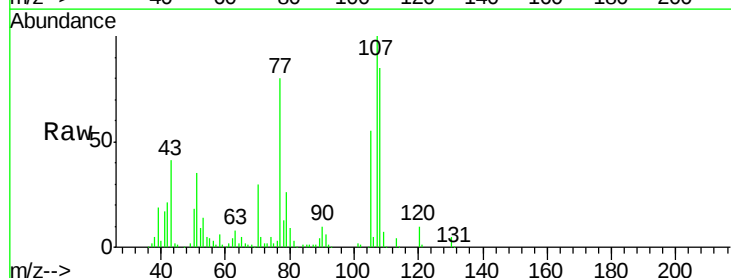
Ion Ratio Lower Upper

107 100

108 84.9 74.6 114.6

77 80.0 0.7 40.7#

79 26.1 0.0 38.9



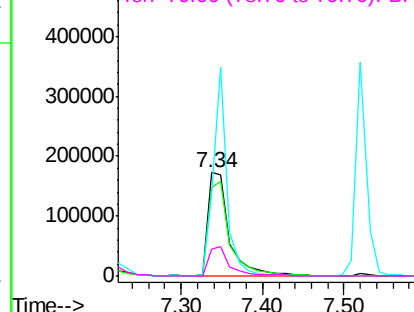
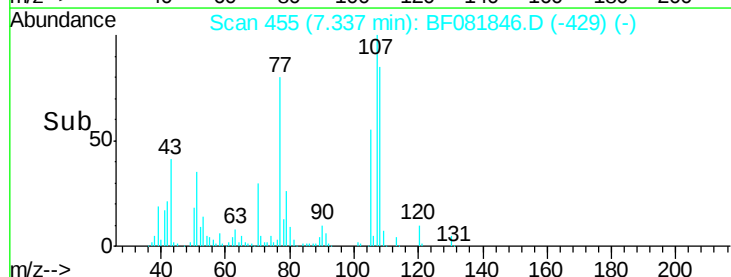
Abundance

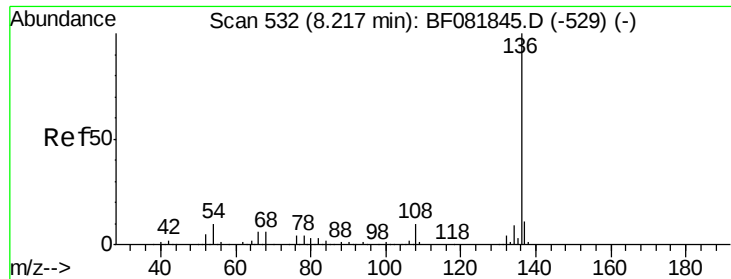
Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 432081

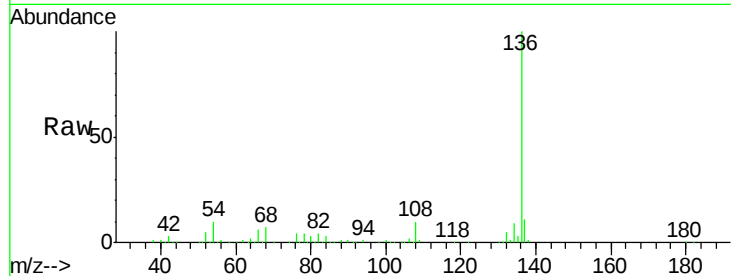
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 10.5 8.2 12.2

68 6.8 5.8 8.6

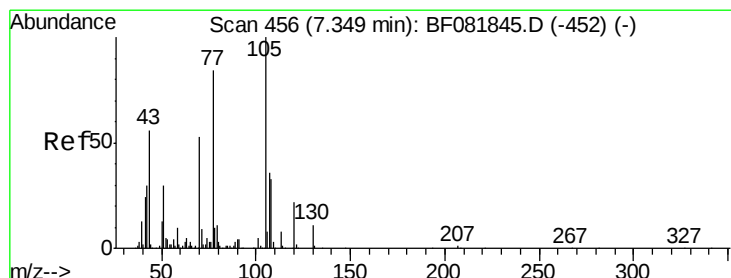
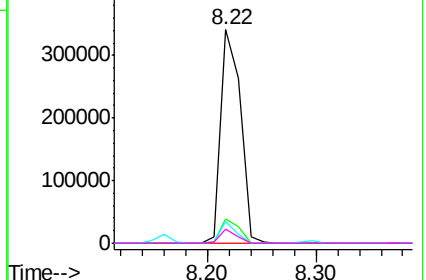
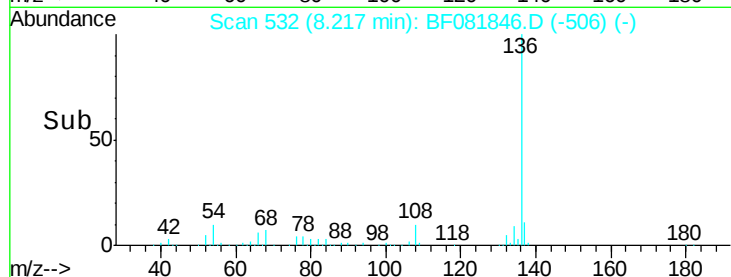


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.95 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Tgt Ion:105 Resp: 407054

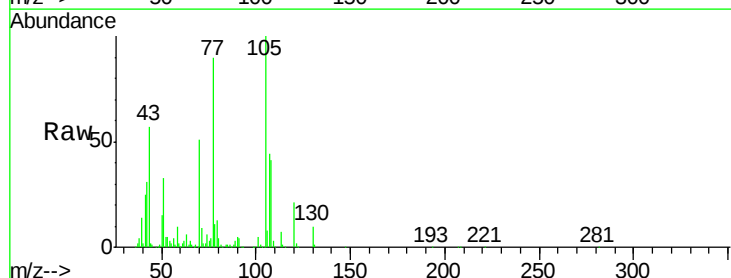
Ion Ratio Lower Upper

105 100

71 8.5 4.7 7.1#

51 32.9 22.0 33.0

120 21.2 30.1 45.1#

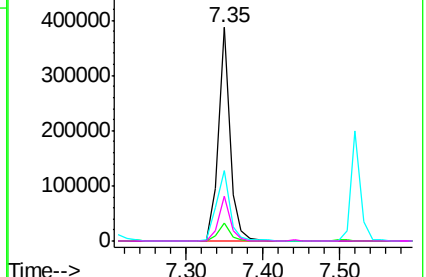
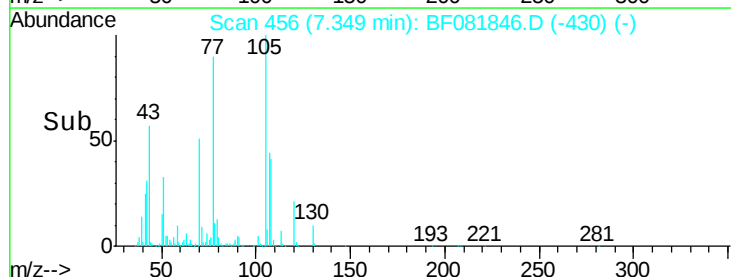


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

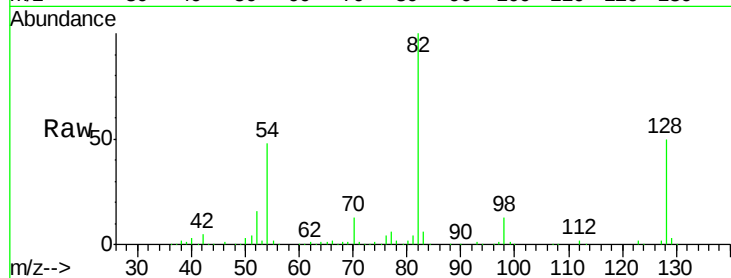




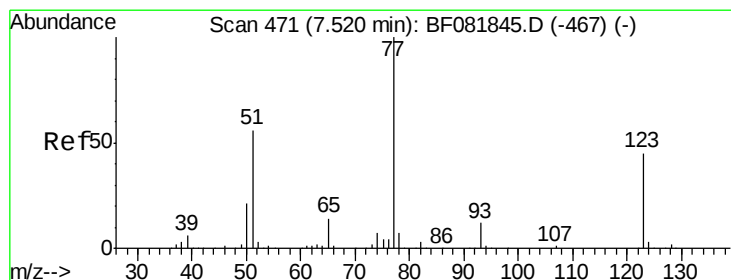
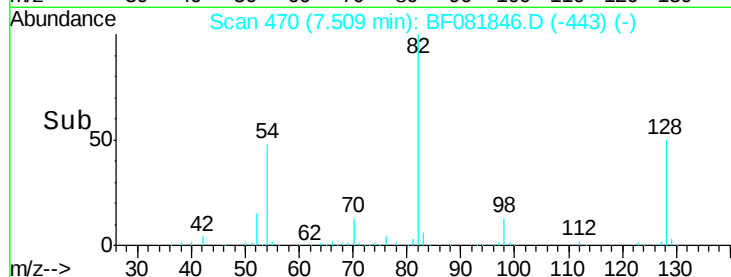
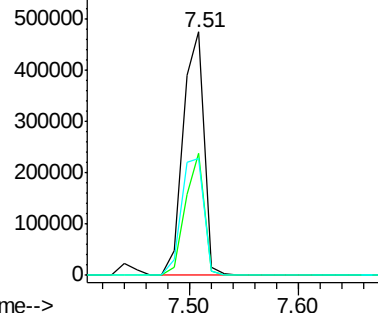
#23
 Nitrobenzene-d5
 Concen: 97.81 ng
 RT: 7.51 min Scan# 470
 Delta R.T. 0.01 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion: 82 Resp: 640545
 Ion Ratio Lower Upper
 82 100
 128 49.9 51.0 76.6#
 54 48.2 47.5 71.3

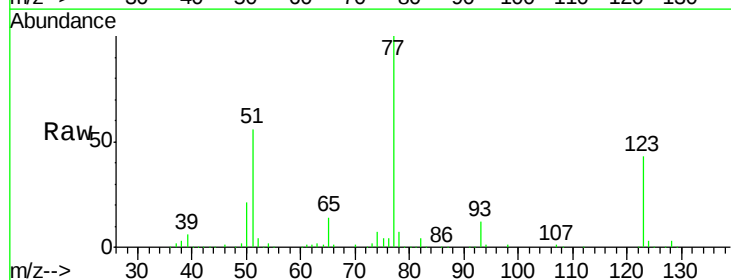


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

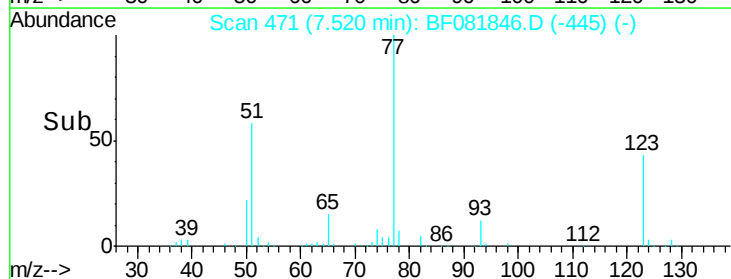
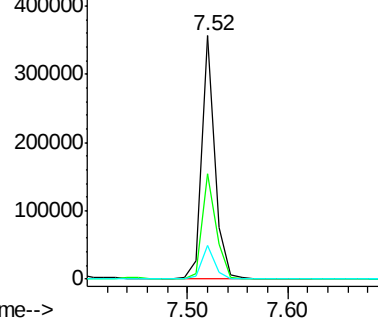


#24
 Nitrobenzene
 Concen: 43.94 ng
 RT: 7.52 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion: 77 Resp: 321067
 Ion Ratio Lower Upper
 77 100
 123 43.0 59.8 89.8#
 65 14.1 10.2 15.4



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: 42.48 ng

RT: 7.76 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

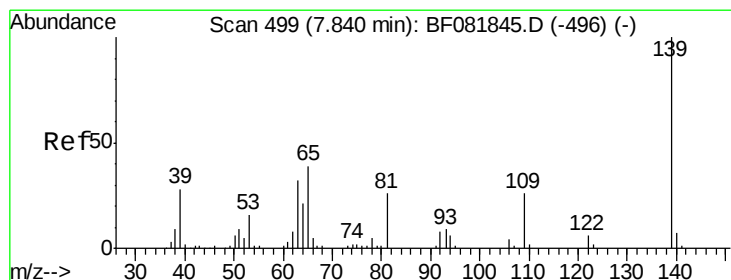
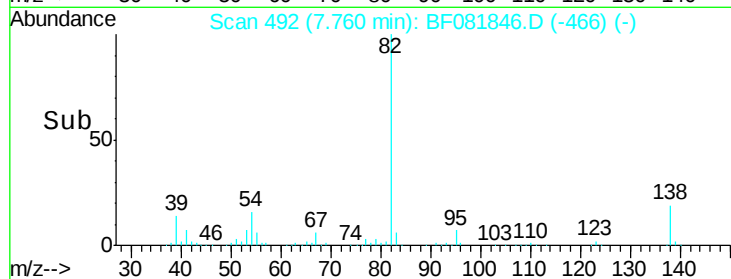
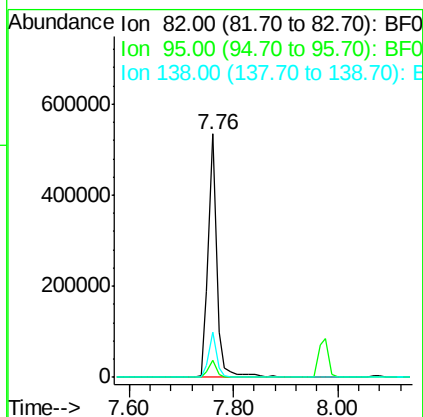
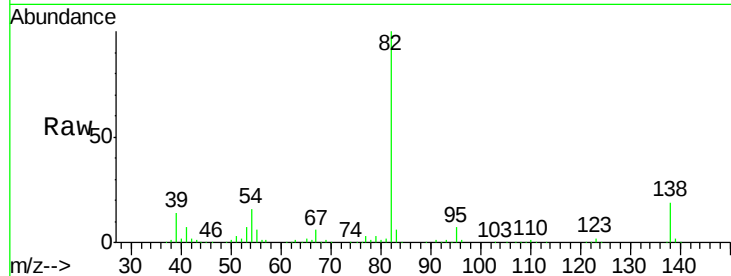
Tgt Ion: 82 Resp: 616293

Ion Ratio Lower Upper

82 100

95 7.0 4.0 6.0#

138 18.7 18.3 27.5



#26

2-Nitrophenol

Concen: 66.28 ng

RT: 7.84 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

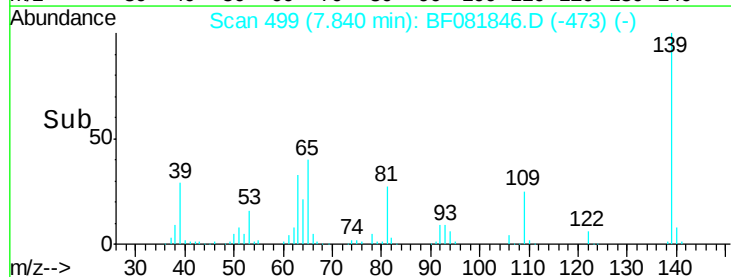
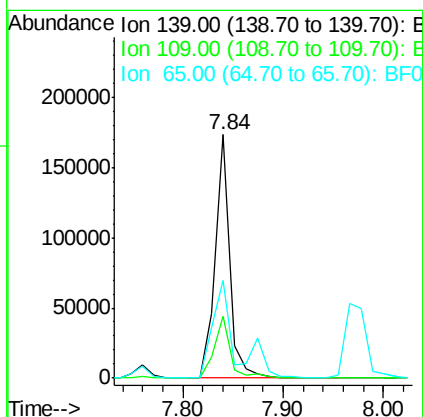
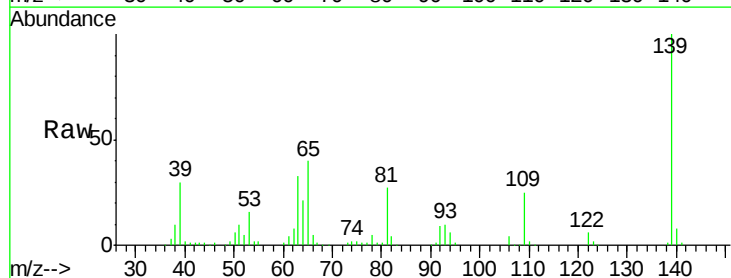
Tgt Ion: 139 Resp: 175896

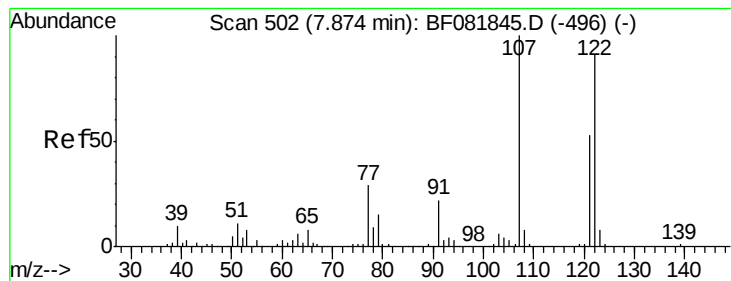
Ion Ratio Lower Upper

139 100

109 25.3 11.0 16.4#

65 40.2 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 45.18 ng

RT: 7.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

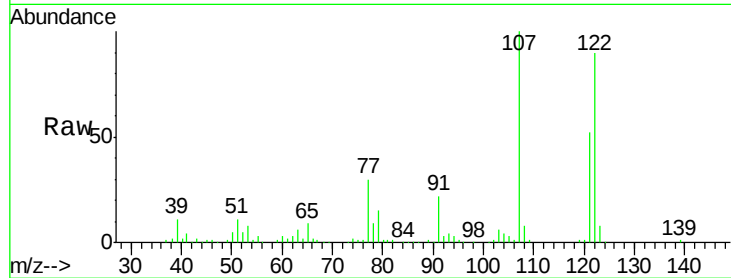
Tgt Ion:122 Resp: 297235

Ion Ratio Lower Upper

122 100

107 111.2 71.8 107.6#

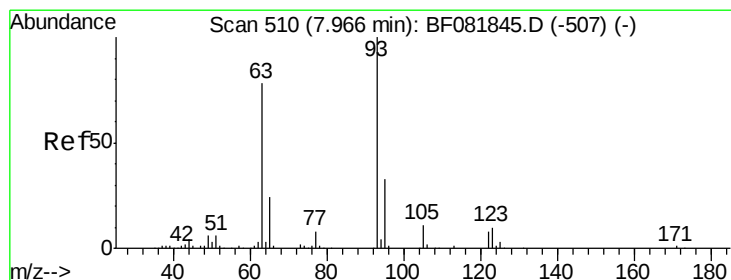
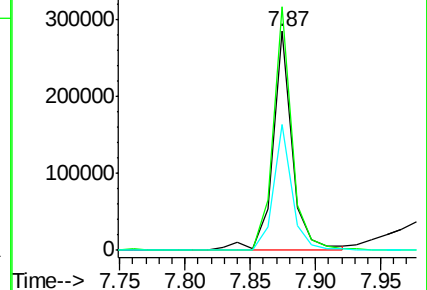
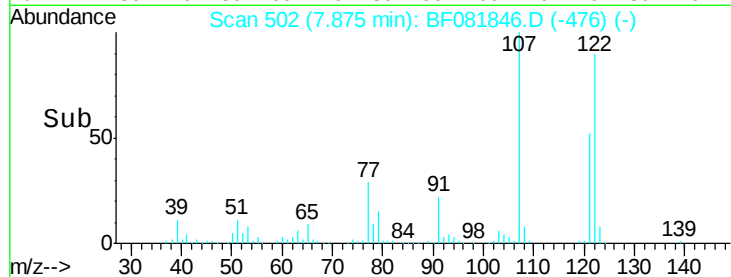
121 57.7 42.3 63.5



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: 41.00 ng

RT: 7.98 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

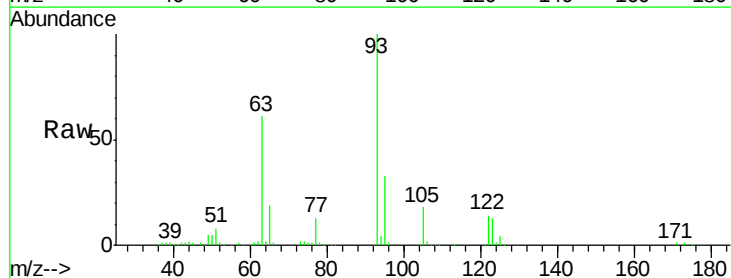
Tgt Ion: 93 Resp: 347447

Ion Ratio Lower Upper

93 100

95 33.4 27.5 41.3

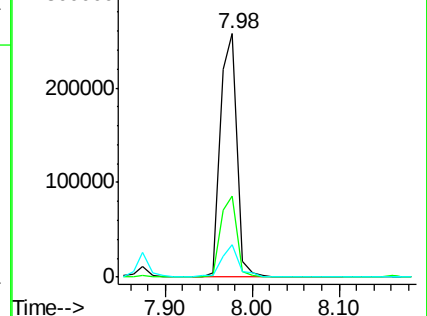
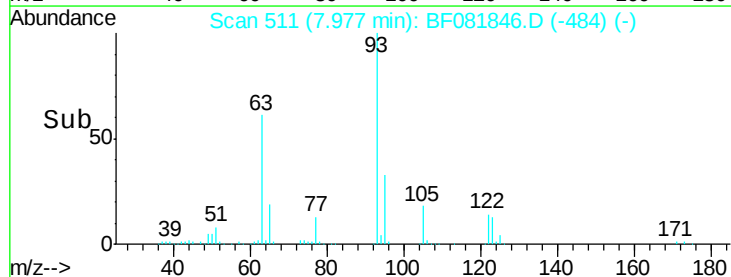
123 13.3 13.7 20.5#

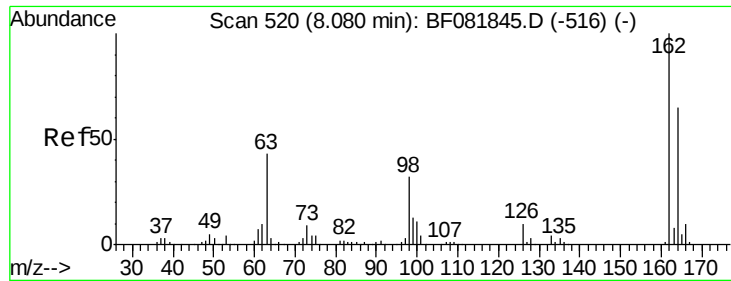


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

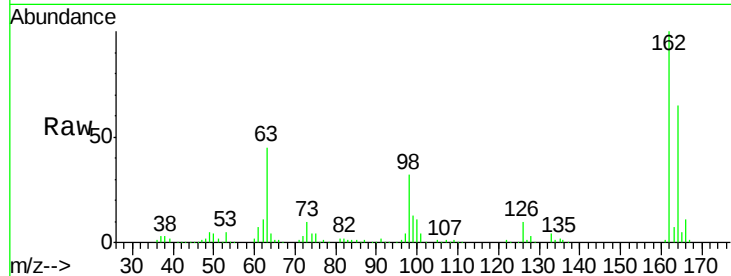




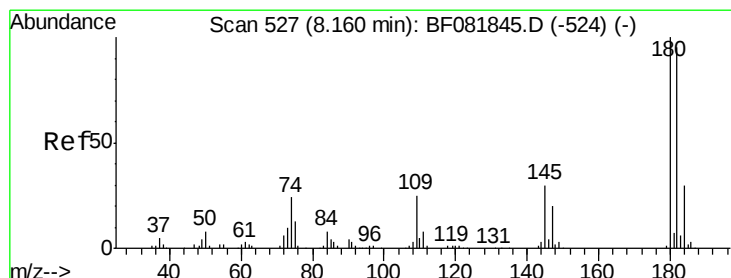
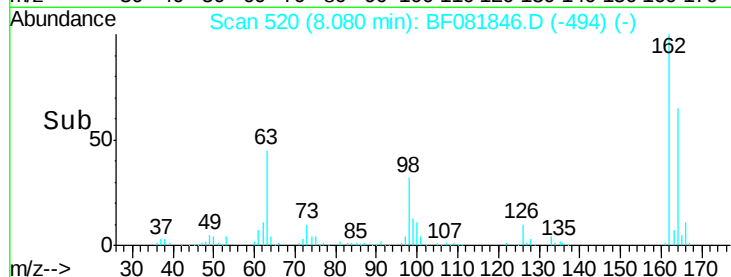
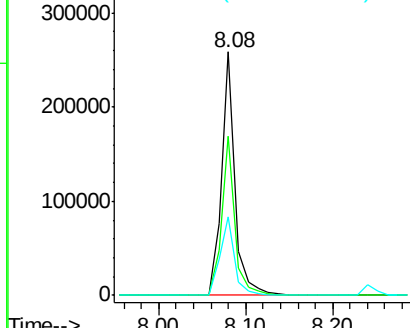
#29
2,4-Dichlorophenol
Concen: 45.93 ng
RT: 8.08 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.9	84.9
98	32.1	13.0	53.0

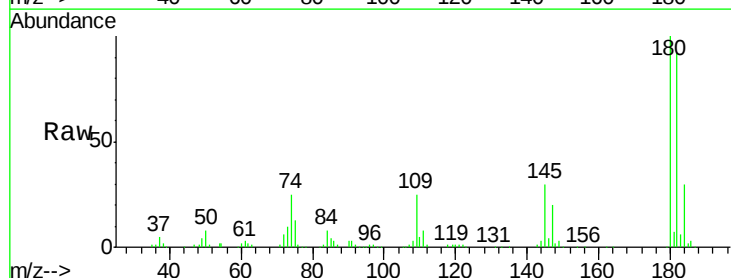


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

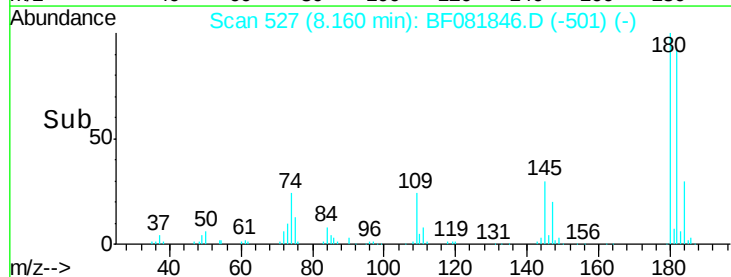
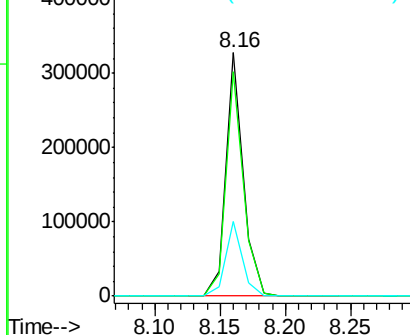


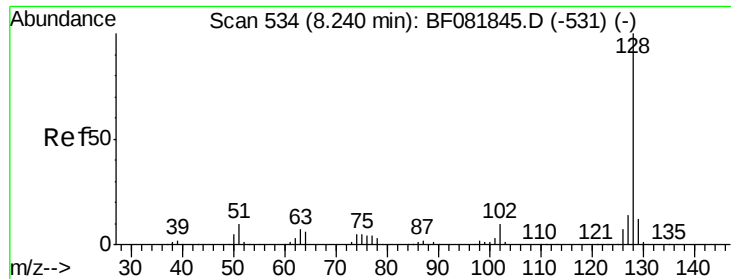
#30
1,2,4-Trichlorobenzene
Concen: 44.15 ng
RT: 8.16 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	77.1	115.7
145	30.5	23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

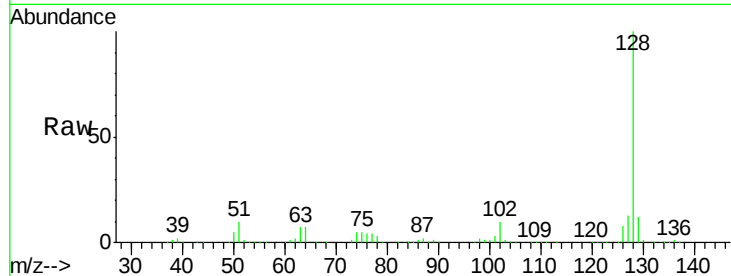




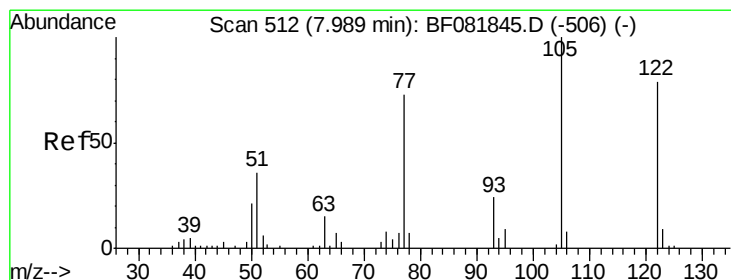
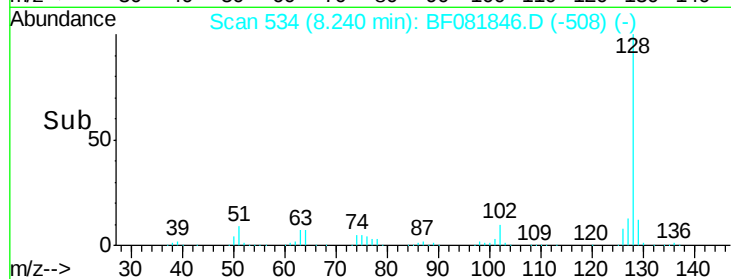
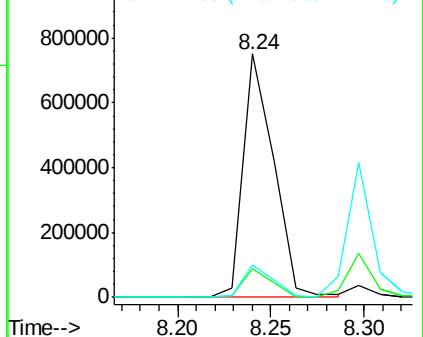
#31
Naphthalene
Concen: 42.93 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:128 Resp: 855684
Ion Ratio Lower Upper
128 100
129 11.8 8.4 12.6
127 13.4 9.9 14.9

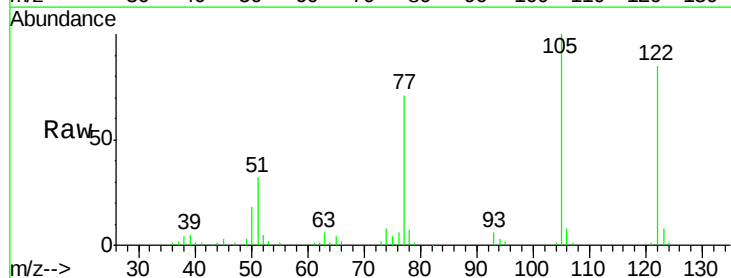


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

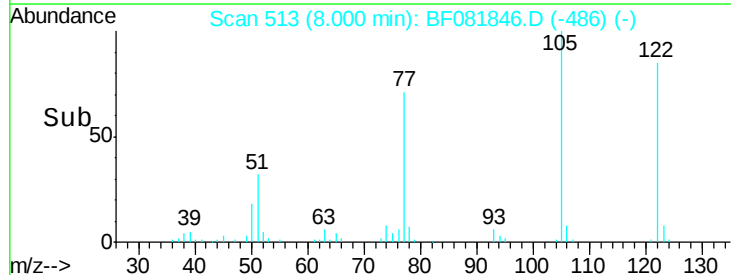
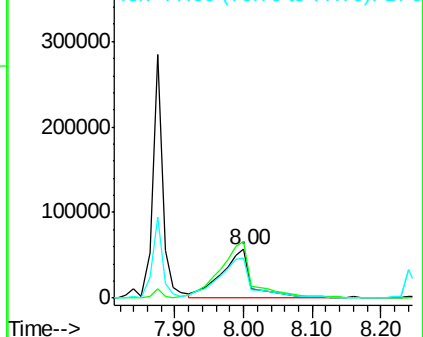


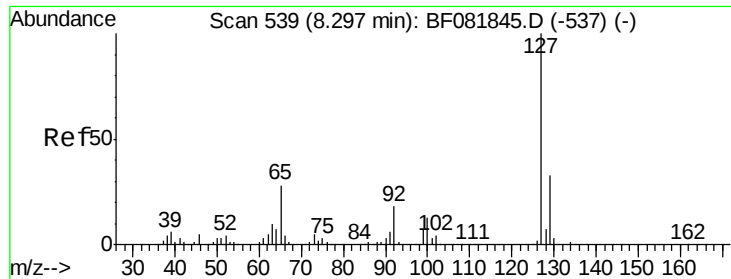
#32
Benzoic acid
Concen: 136.24 ng
RT: 8.00 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion:122 Resp: 174527
Ion Ratio Lower Upper
122 100
105 117.9 76.1 116.1#
77 84.1 40.5 80.5#



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

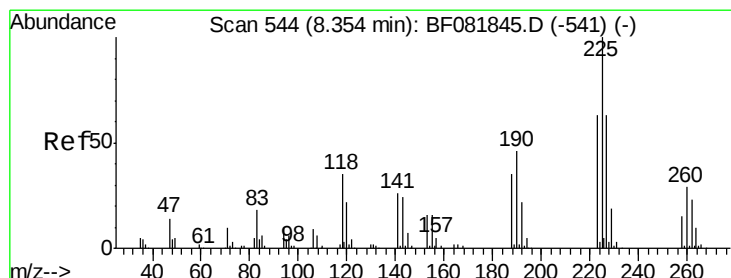
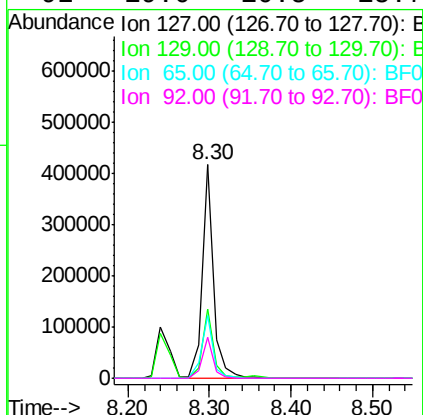
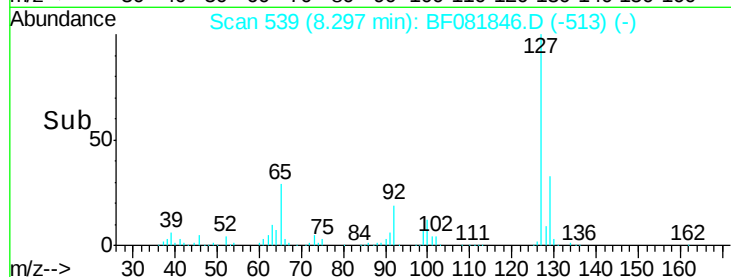
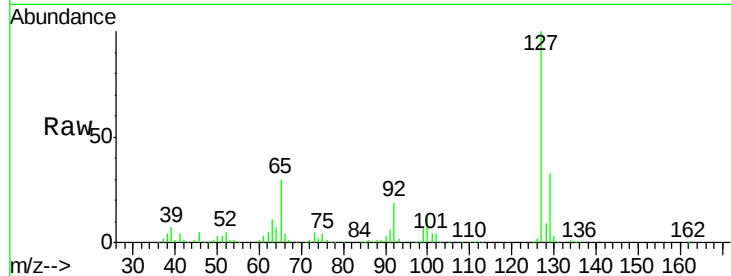




#33
4-Chloroaniline
Concen: 46.54 ng
RT: 8.30 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

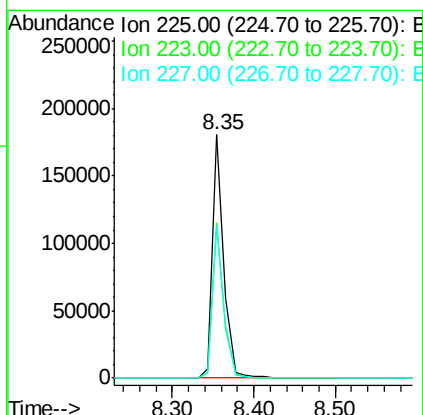
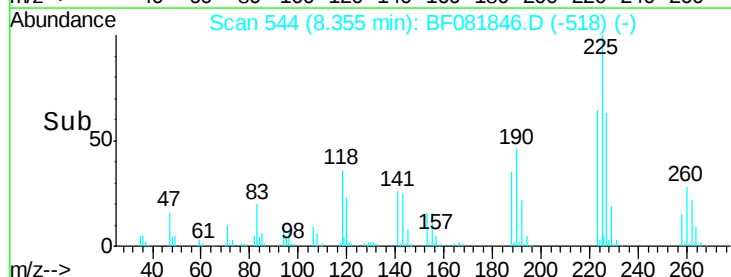
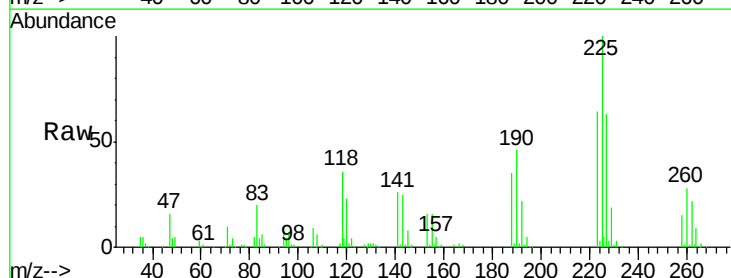
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

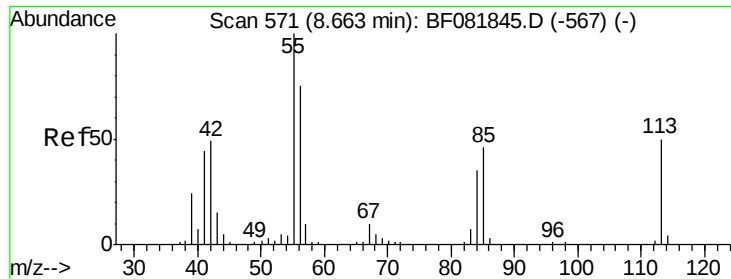
Tgt Ion:	127	Resp:	407115
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	29.6	17.9	26.9#
92	19.0	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 43.58 ng
RT: 8.35 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion:	225	Resp:	176712
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.2	75.2
227	62.8	52.2	78.2

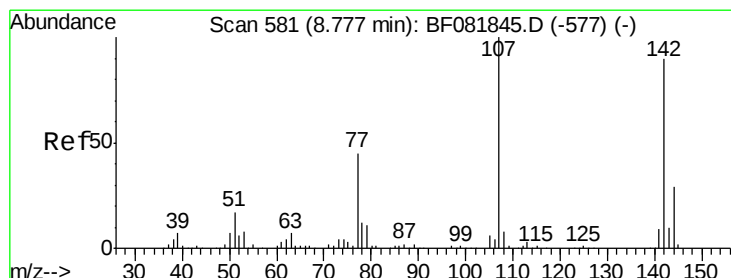
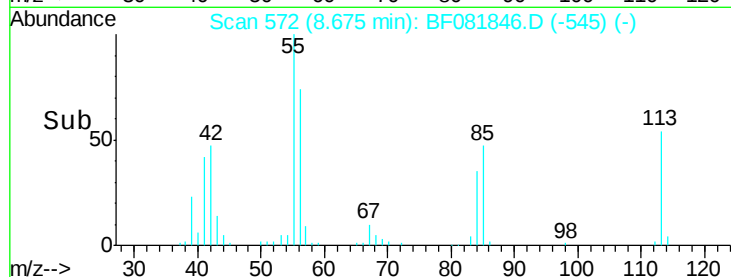
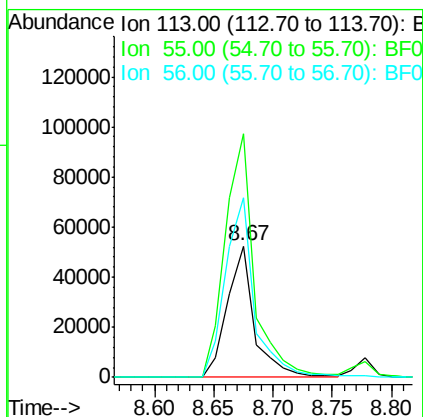
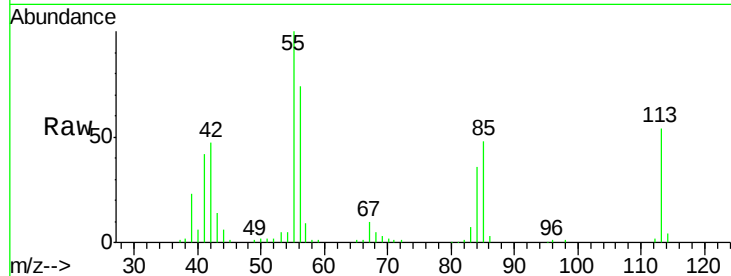




#35
 Caprolactam
 Concen: 51.26 ng
 RT: 8.67 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

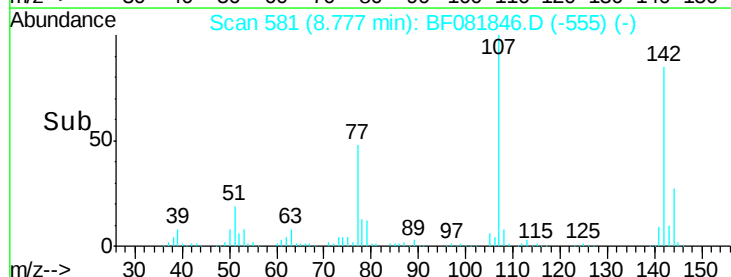
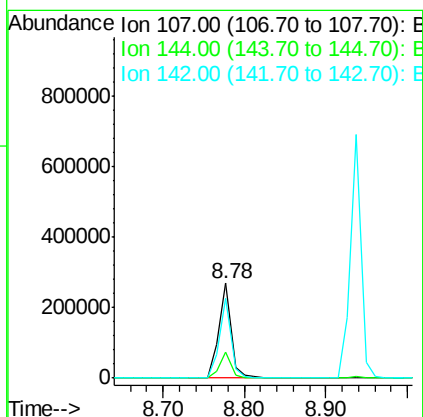
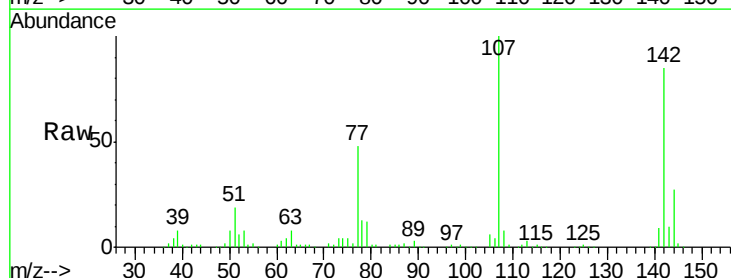
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

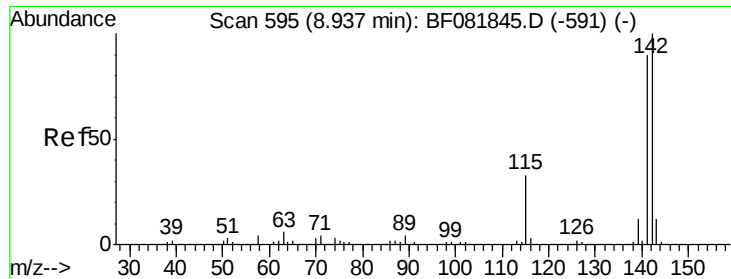
Tgt Ion:113 Resp: 83876
 Ion Ratio Lower Upper
 113 100
 55 185.7 152.4 192.4
 56 137.0 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 45.79 ng
 RT: 8.78 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion:107 Resp: 281094
 Ion Ratio Lower Upper
 107 100
 144 27.4 25.4 38.0
 142 84.6 77.3 115.9

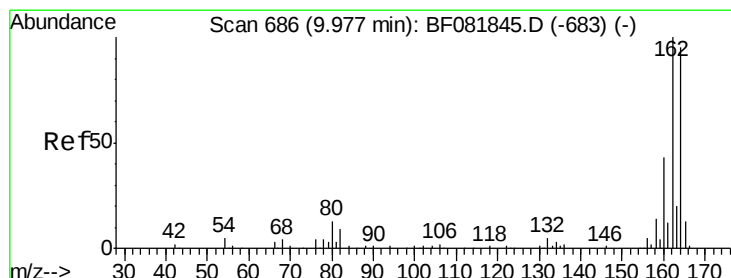
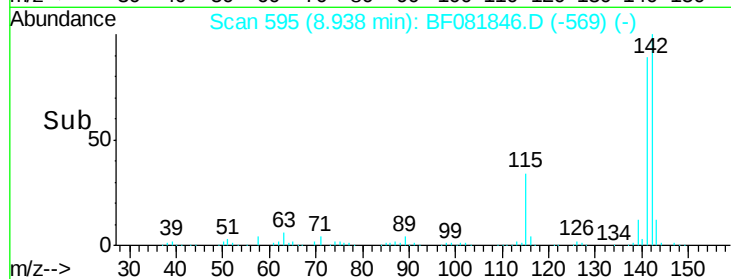
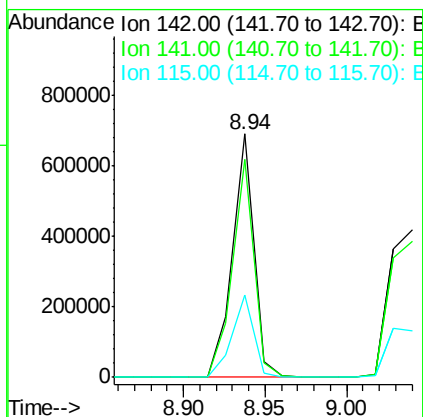
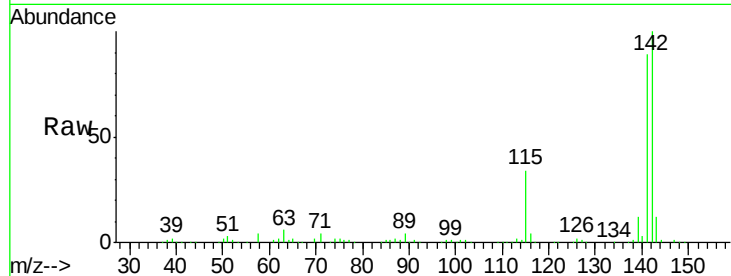




#37
2-Methylnaphthalene
Concen: 44.25 ng
RT: 8.94 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

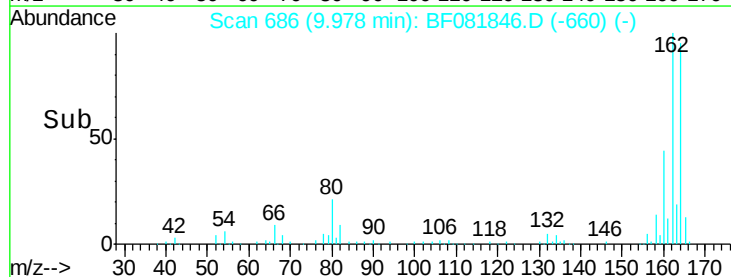
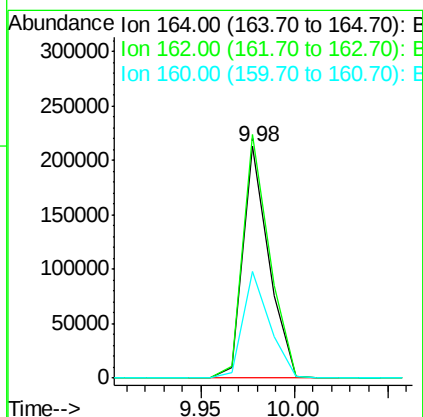
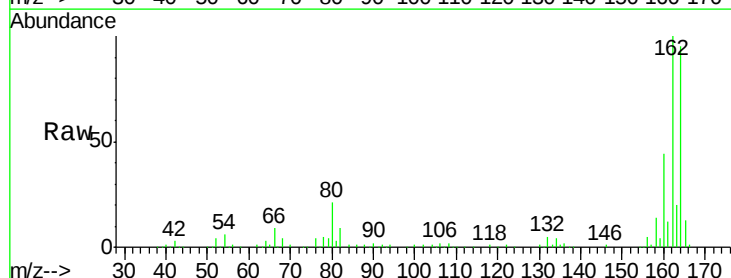
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

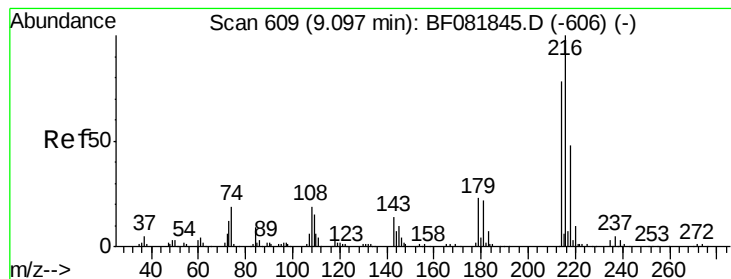
Tgt Ion:142 Resp: 628522
Ion Ratio Lower Upper
142 100
141 89.4 67.5 101.3
115 33.6 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion:164 Resp: 205859
Ion Ratio Lower Upper
164 100
162 105.0 75.2 112.8
160 45.8 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.83 ng

RT: 9.10 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:216 Resp: 287993

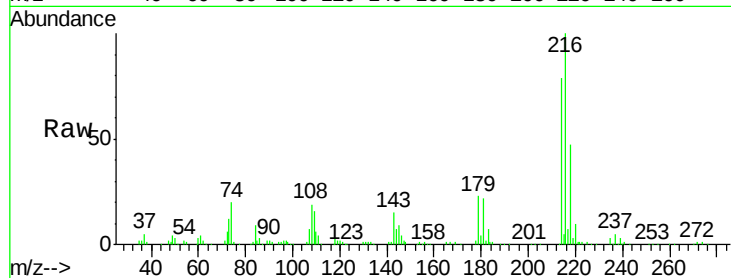
Ion Ratio Lower Upper

216 100

214 78.5 63.5 95.3

179 21.6 16.6 24.8

108 18.6 16.3 24.5

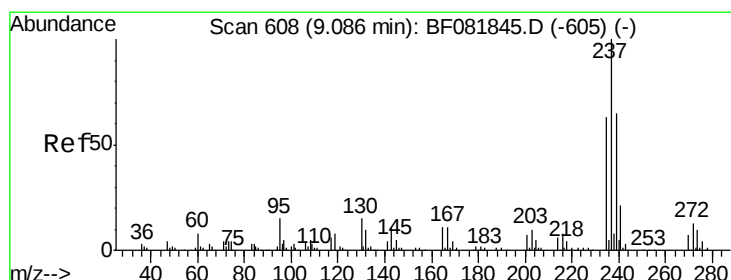
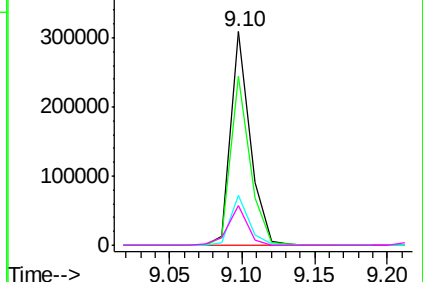
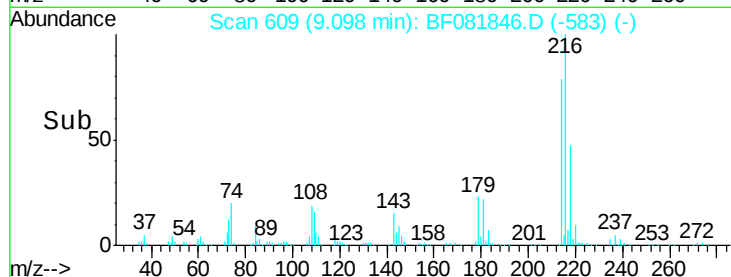


Abundance Ion 216.00 (215.70 to 216.70): E

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: 60.92 ng

RT: 9.09 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

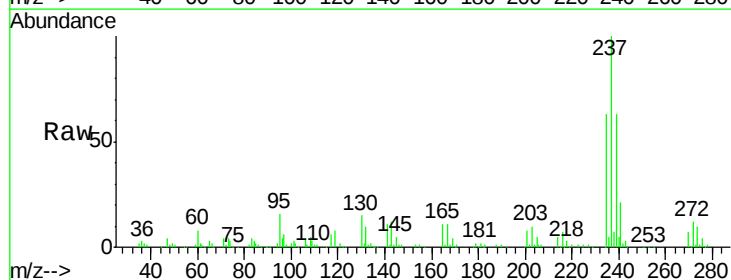
Tgt Ion:237 Resp: 171548

Ion Ratio Lower Upper

237 100

235 62.9 42.0 82.0

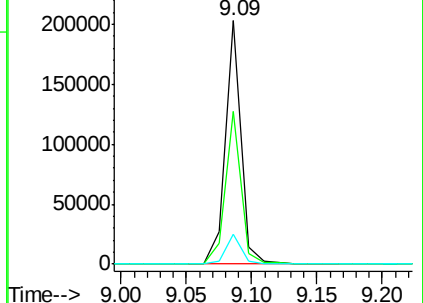
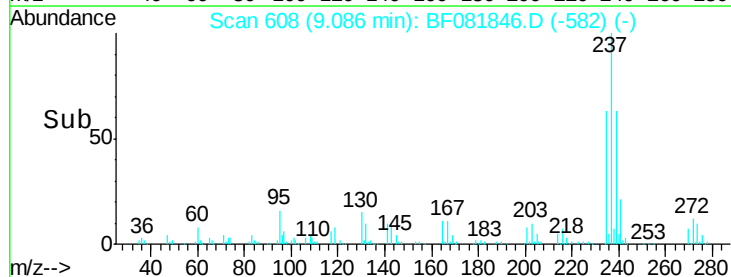
272 12.3 0.0 36.1

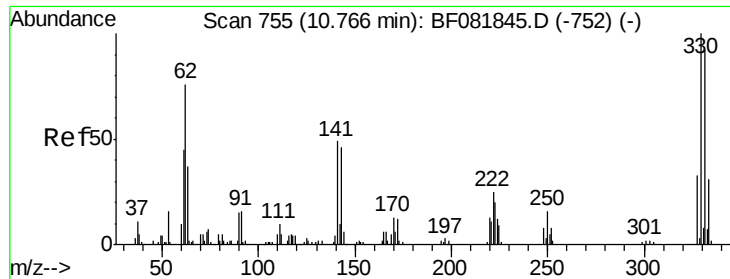


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

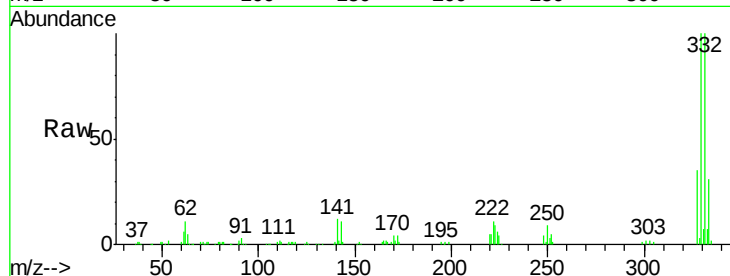




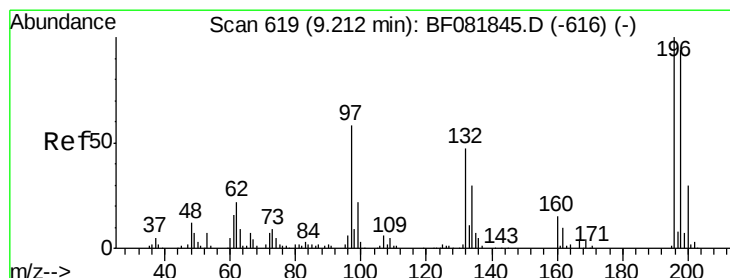
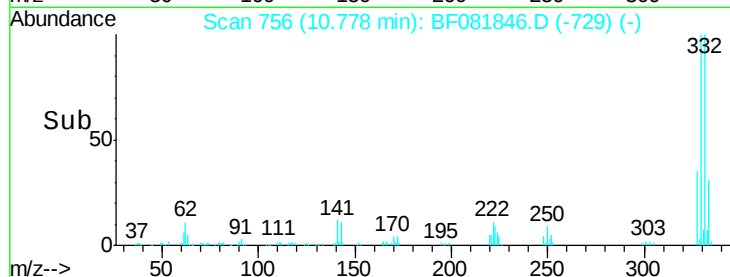
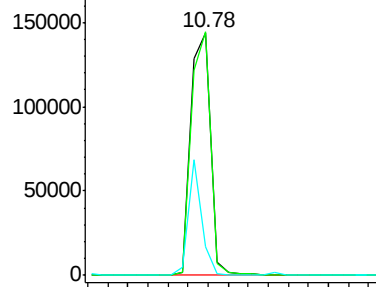
#41
 2,4,6-Tribromophenol
 Concen: 109.91 ng
 RT: 10.78 min Scan# 756
 Delta R.T. 0.01 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	114.8
141	32.2	29.7	44.5

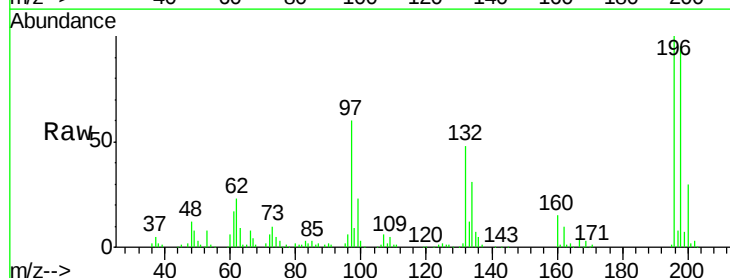


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

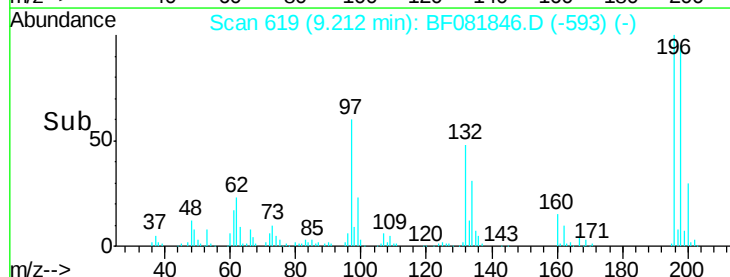
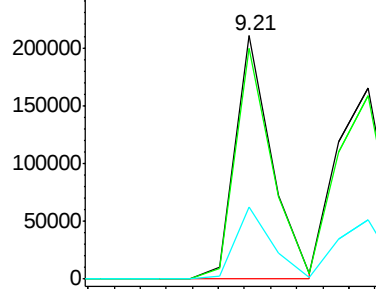


#42
 2,4,6-Trichlorophenol
 Concen: 47.34 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.7	113.5
200	29.6	23.9	35.9



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

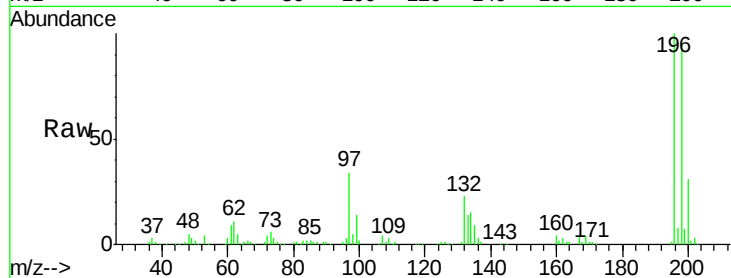




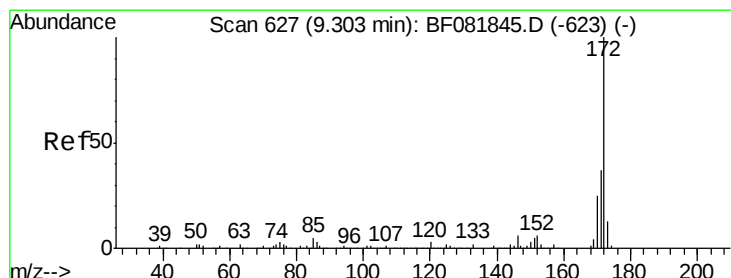
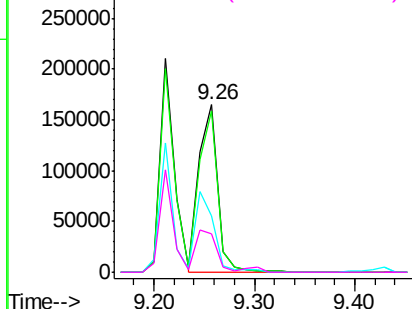
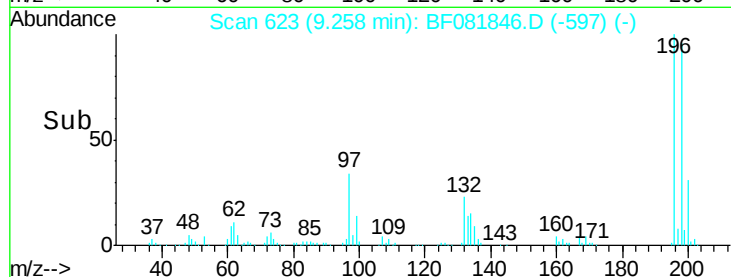
#43
 2,4,5-Trichlorophenol
 Concen: 51.07 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:196 Resp: 217531
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.4 113.0
 97 33.8 33.3 49.9
 132 22.9 24.6 37.0#

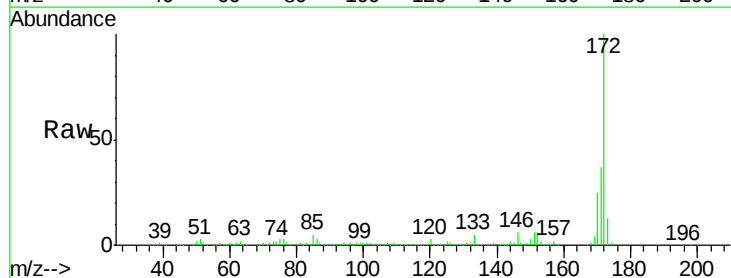


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

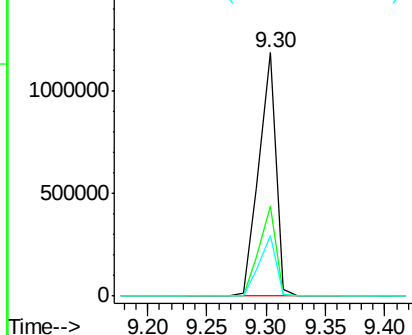
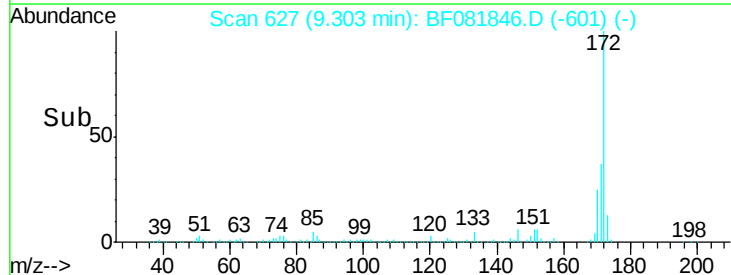


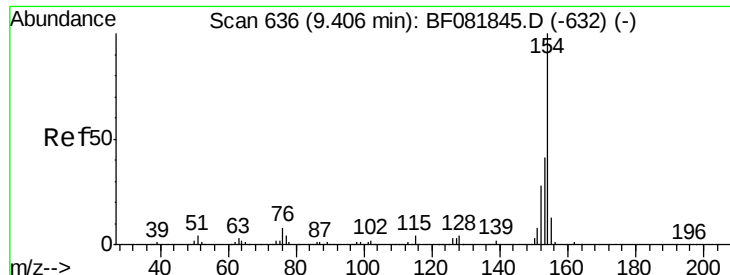
#44
 2-Fluorobiphenyl
 Concen: 96.22 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion:172 Resp: 1206637
 Ion Ratio Lower Upper
 172 100
 171 37.1 26.1 39.1
 170 24.9 17.4 26.2



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

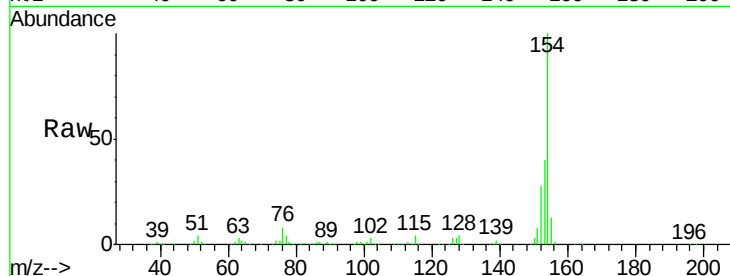




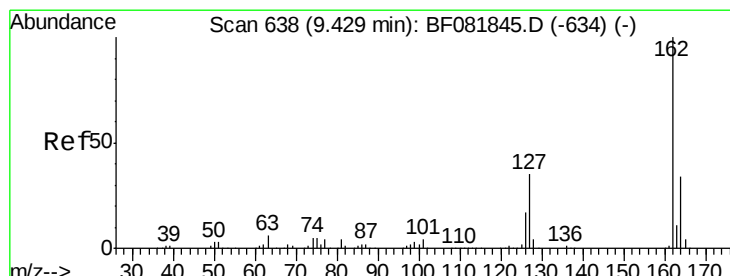
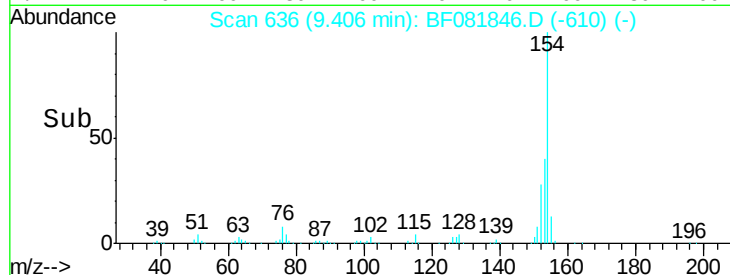
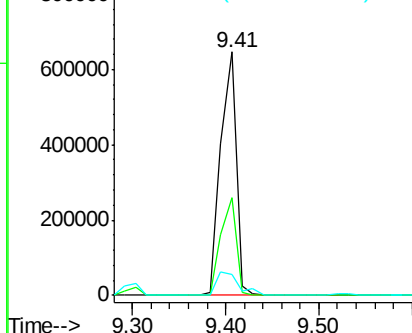
#45
 1,1'-Biphenyl
 Concen: 46.19 ng
 RT: 9.41 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:154 Resp: 743557
 Ion Ratio Lower Upper
 154 100
 153 39.9 17.1 57.1
 76 8.5 0.0 31.6

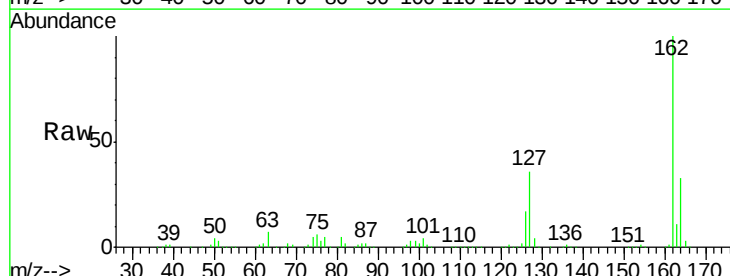


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

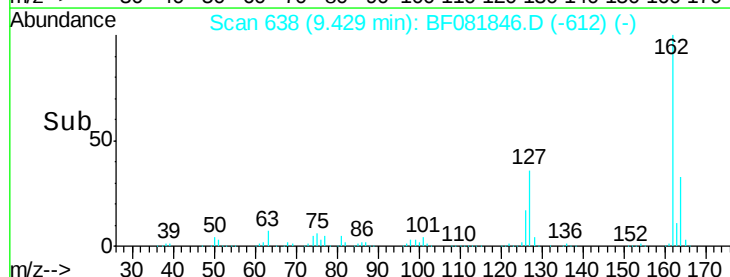
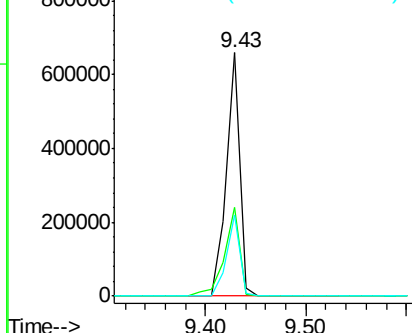


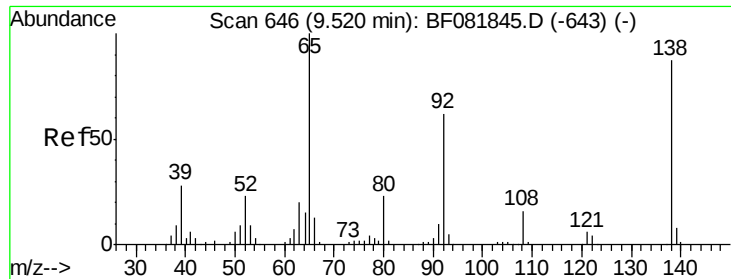
#46
 2-Chloronaphthalene
 Concen: 47.15 ng
 RT: 9.43 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion:162 Resp: 610529
 Ion Ratio Lower Upper
 162 100
 127 36.5 27.6 41.4
 164 33.4 25.4 38.2



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

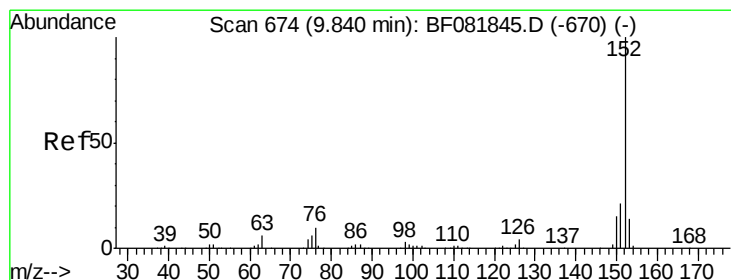
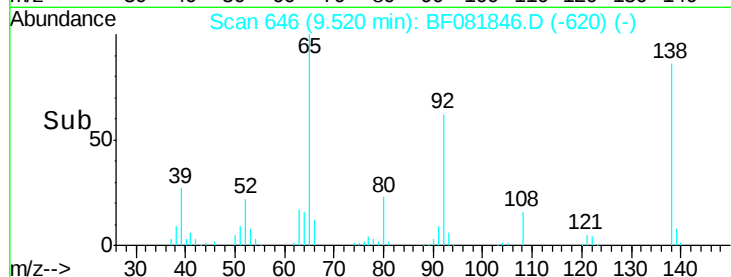
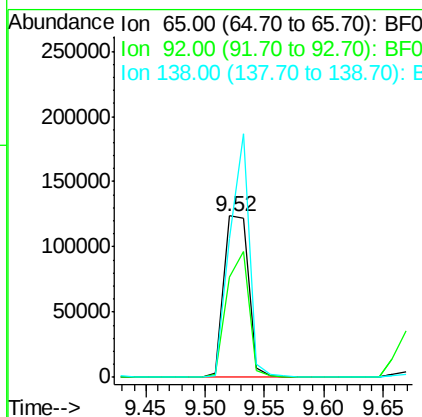
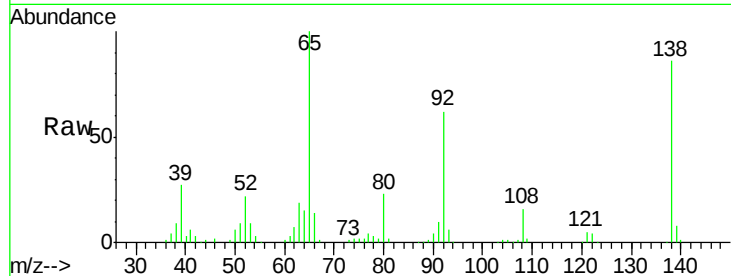




#47
2-Nitroaniline
Concen: 51.78 ng
RT: 9.52 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

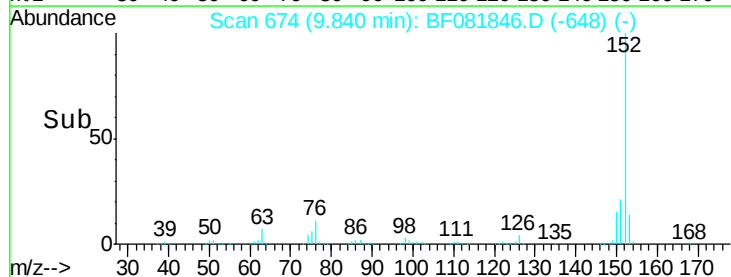
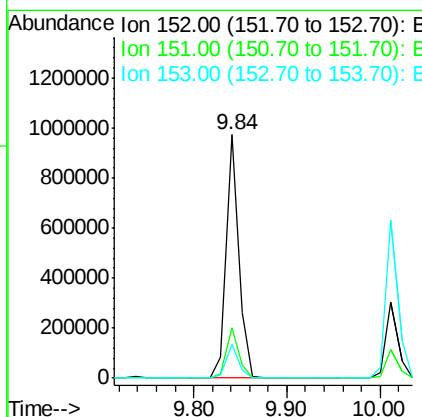
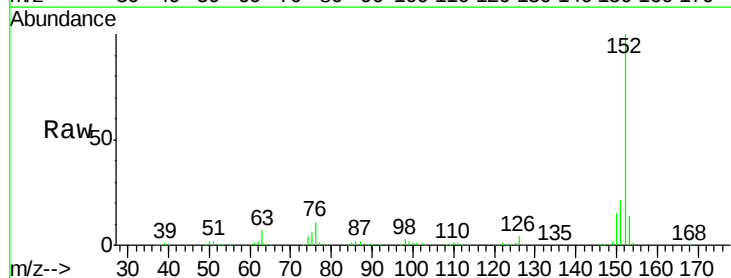
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

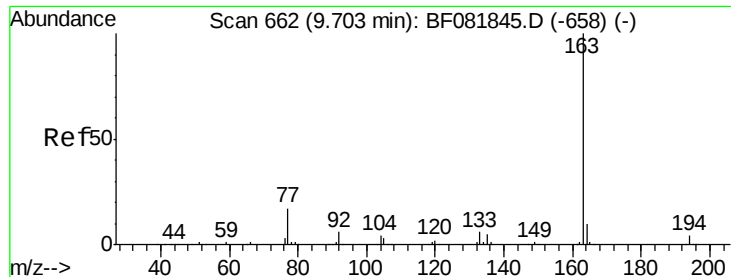
Tgt Ion: 65 Resp: 178311
Ion Ratio Lower Upper
65 100
92 61.7 55.4 83.0
138 85.5 115.5 173.3#



#48
Acenaphthylene
Concen: 41.52 ng
RT: 9.84 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion: 152 Resp: 909839
Ion Ratio Lower Upper
152 100
151 20.8 14.6 22.0
153 13.7 10.3 15.5





#49

Dimethylphthalate

Concen: 42.26 ng

RT: 9.70 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

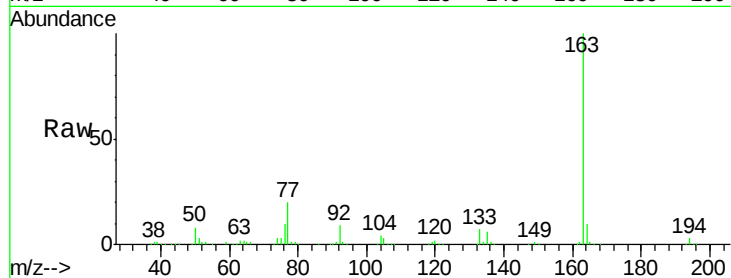
Tgt Ion:163 Resp: 662026

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

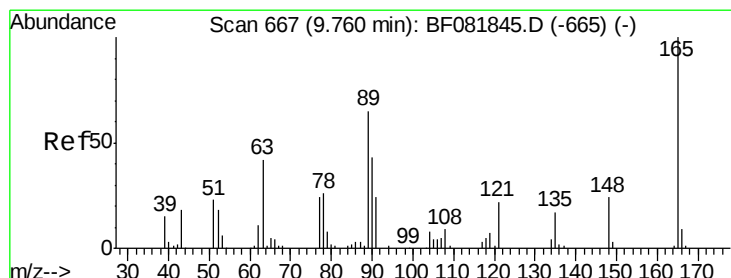
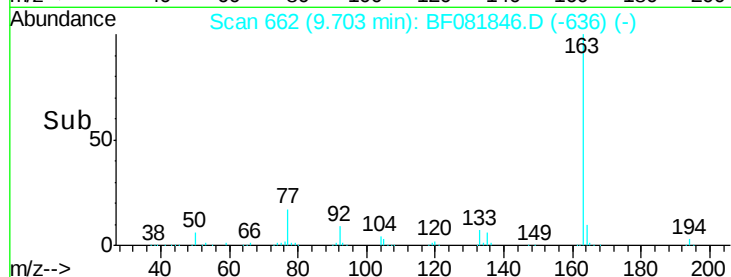
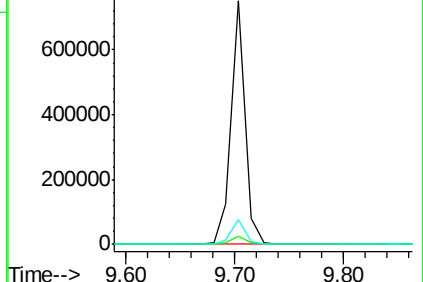
164 10.3 8.3 12.5



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: 51.56 ng

RT: 9.77 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

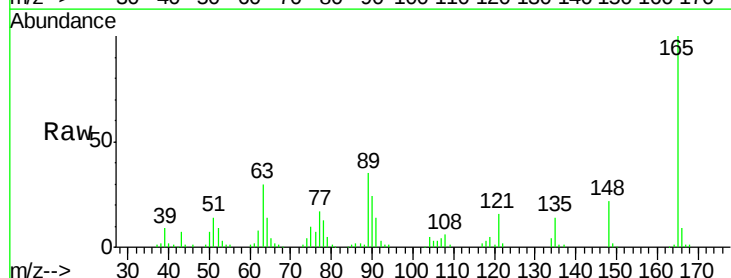
Tgt Ion:165 Resp: 155900

Ion Ratio Lower Upper

165 100

63 30.0 32.3 48.5#

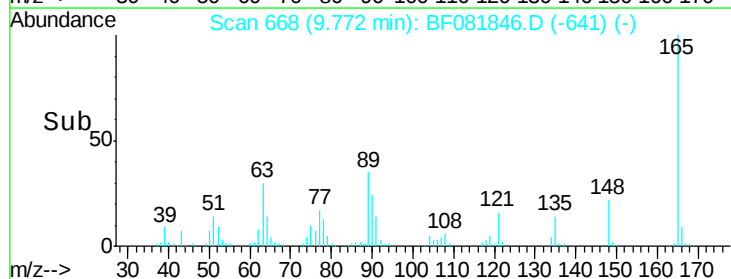
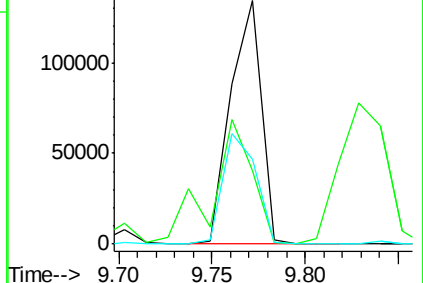
89 34.8 28.6 43.0

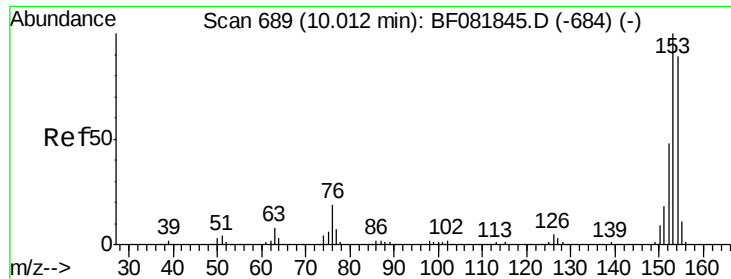


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.23 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

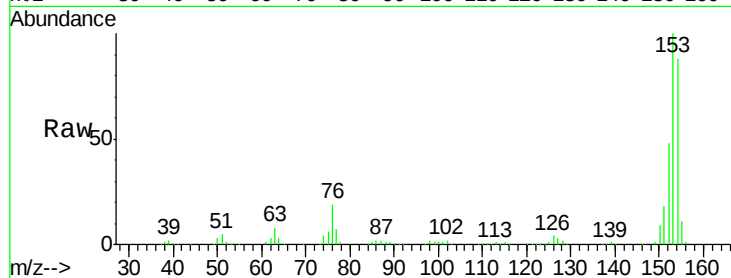
Tgt Ion:154 Resp: 533271

Ion Ratio Lower Upper

154 100

153 114.1 82.1 123.1

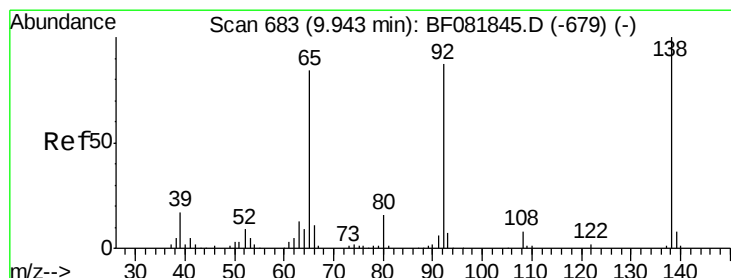
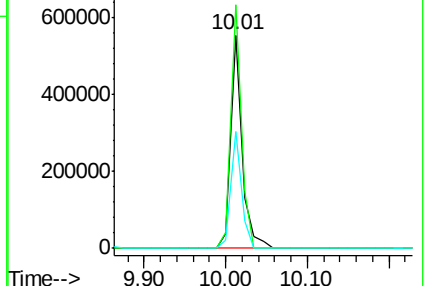
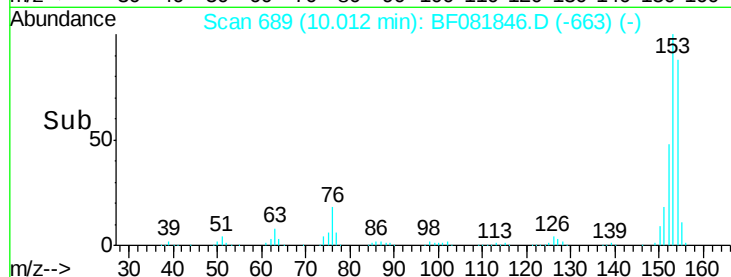
152 55.0 37.9 56.9



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: 58.61 ng

RT: 9.94 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

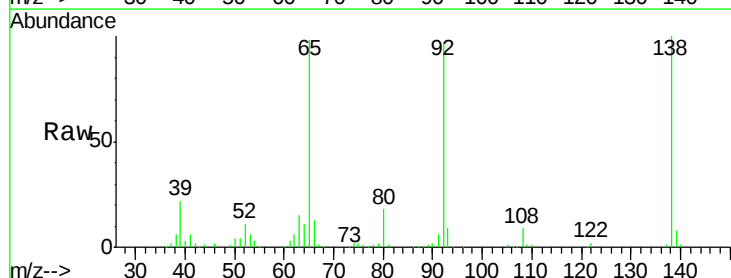
Tgt Ion:138 Resp: 192199

Ion Ratio Lower Upper

138 100

108 9.0 5.7 8.5#

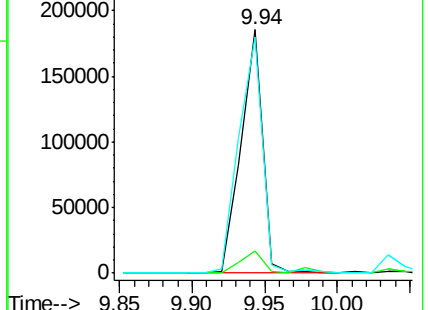
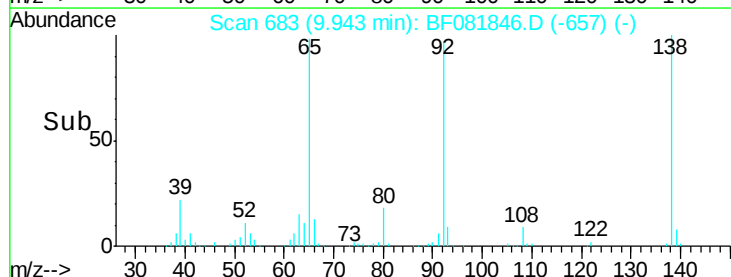
92 96.9 67.7 101.5

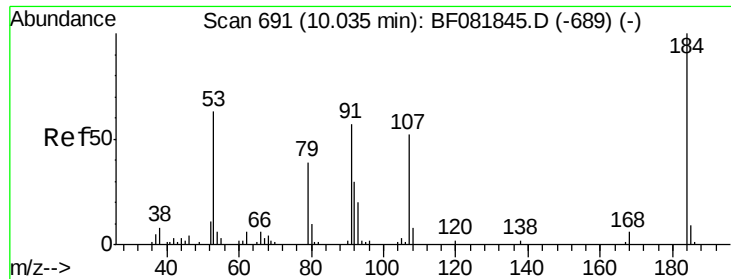


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

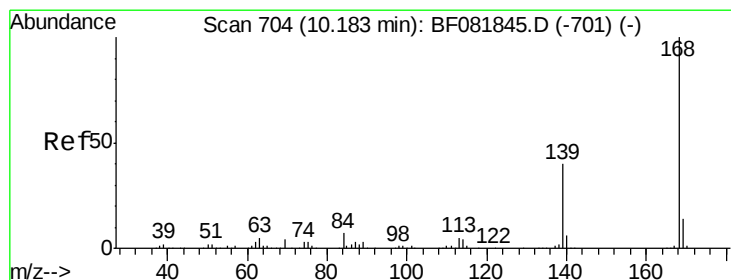
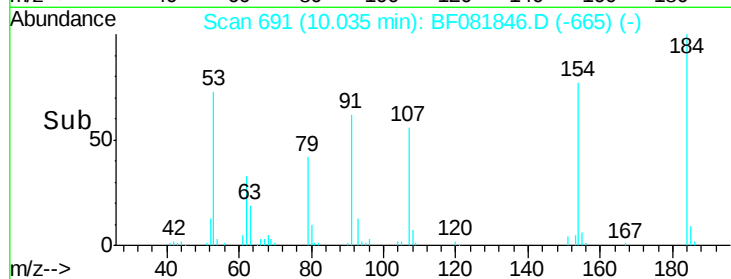
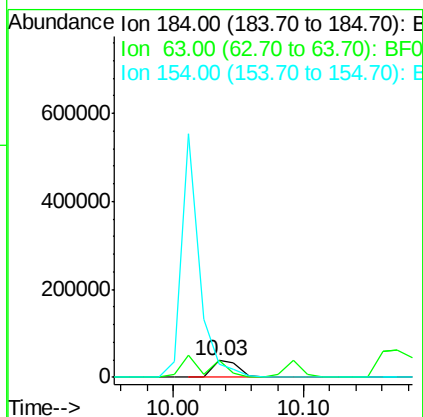
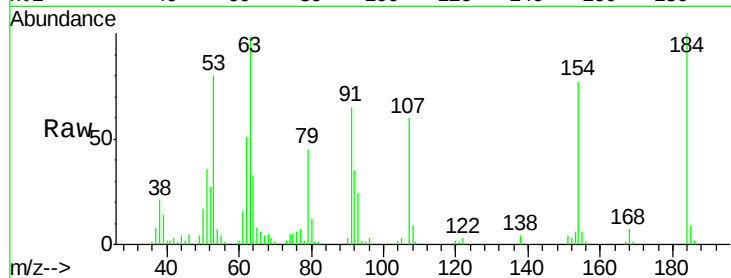




#53
 2,4-Dinitrophenol
 Concen: 176.43 ng
 RT: 10.03 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

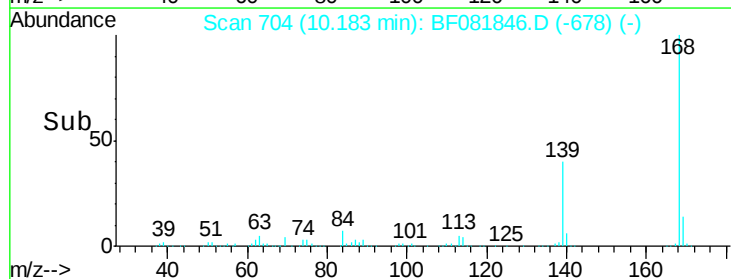
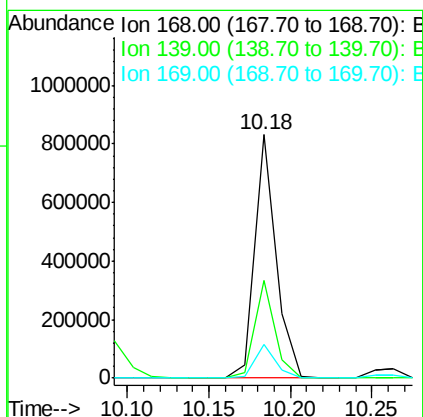
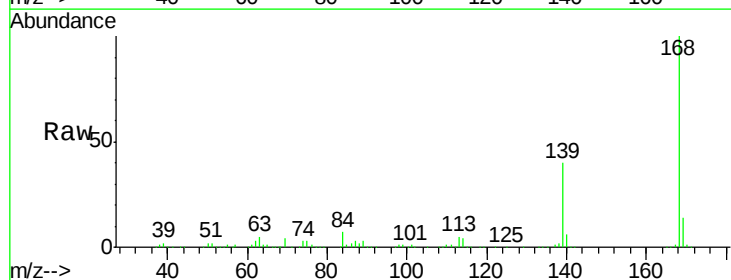
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:184 Resp: 54772
 Ion Ratio Lower Upper
 184 100
 63 98.4 35.4 53.2#
 154 77.1 32.2 48.4#



#54
 Dibenzofuran
 Concen: 40.82 ng
 RT: 10.18 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion:168 Resp: 756095
 Ion Ratio Lower Upper
 168 100
 139 40.2 24.2 36.2#
 169 13.7 10.6 15.8

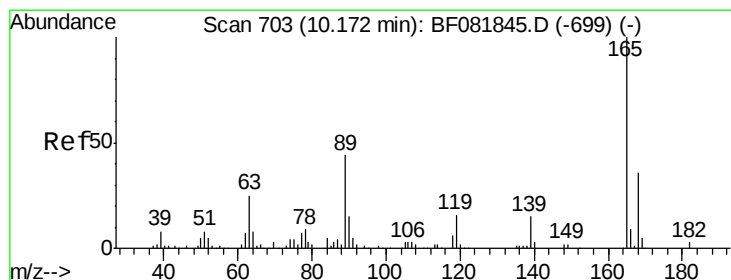
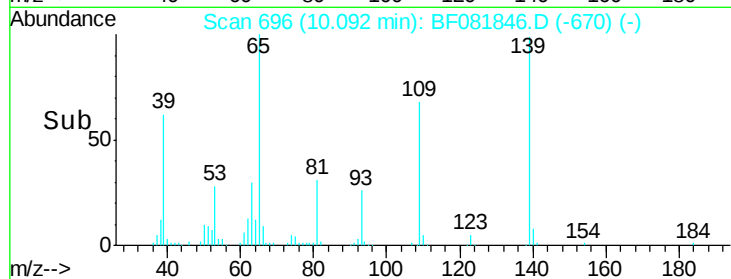
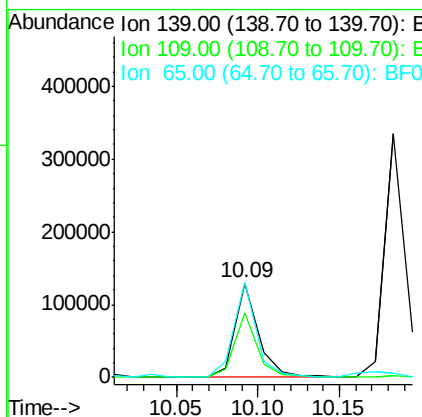
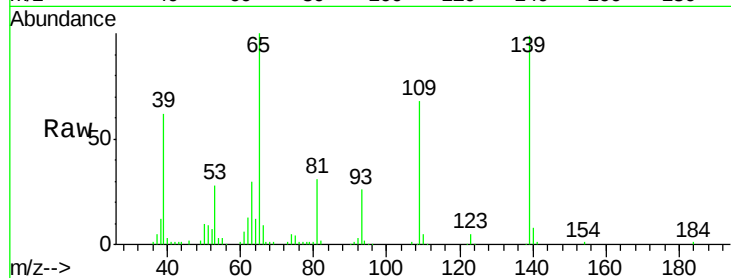




#55
4-Nitrophenol
Concen: 57.68 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

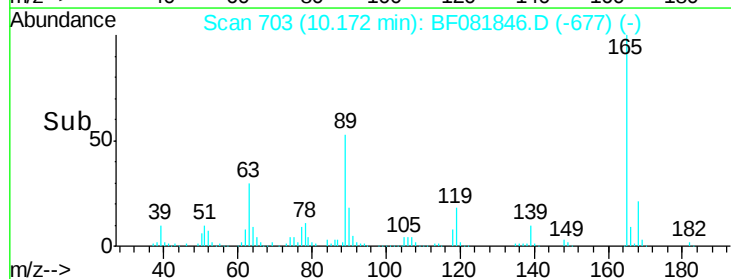
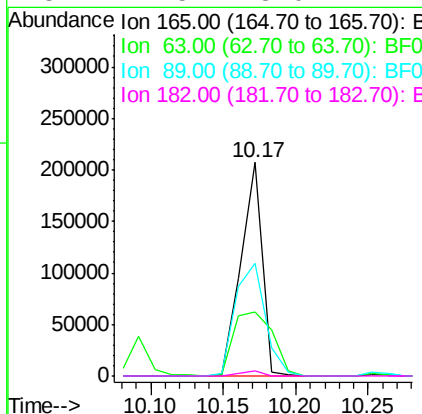
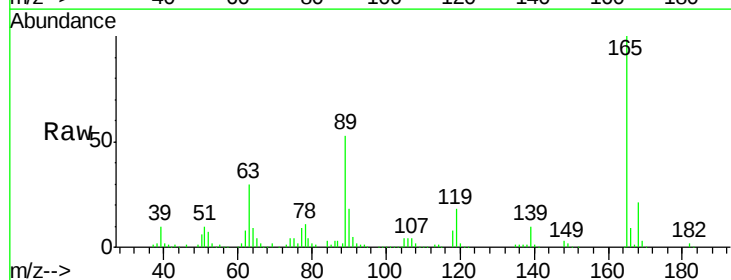
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

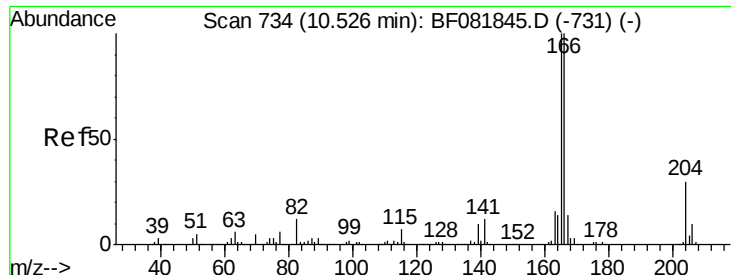
Tgt Ion:139 Resp: 130437
Ion Ratio Lower Upper
139 100
109 68.5 12.7 52.7#
65 100.5 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 58.29 ng
RT: 10.17 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion:165 Resp: 210988
Ion Ratio Lower Upper
165 100
63 30.1 29.8 44.6
89 52.6 44.5 66.7
182 2.5 3.0 4.4#

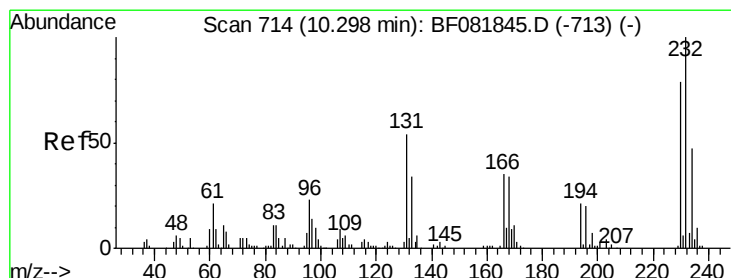
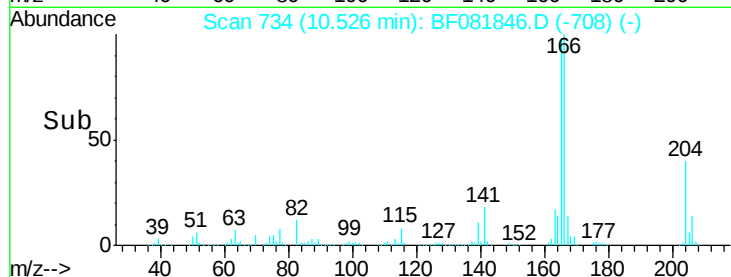
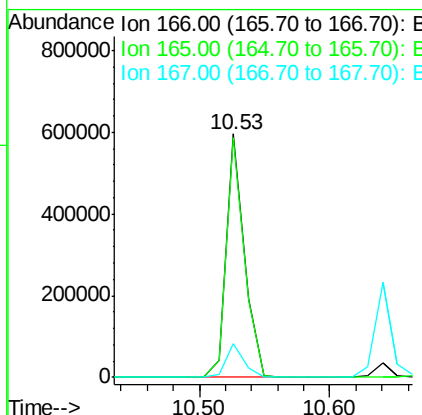
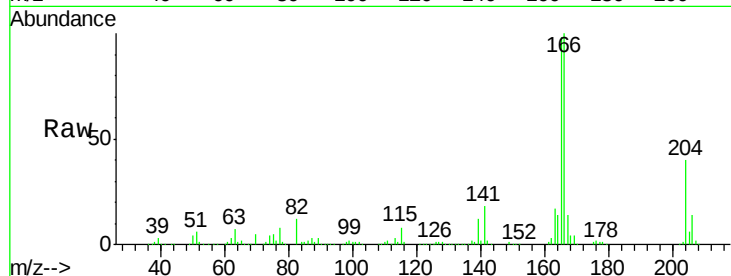




#57
 Fluorene
 Concen: 40.45 ng
 RT: 10.53 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

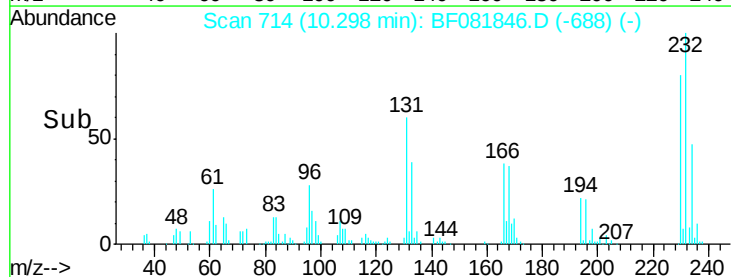
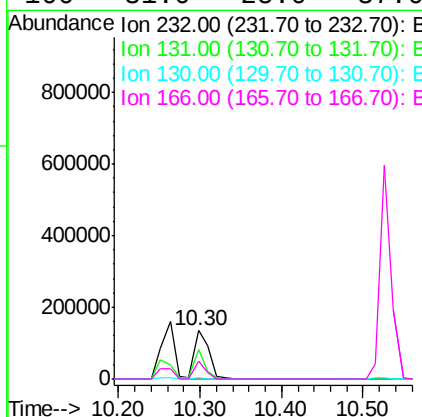
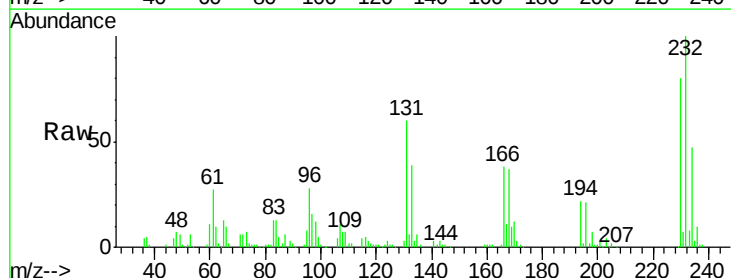
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

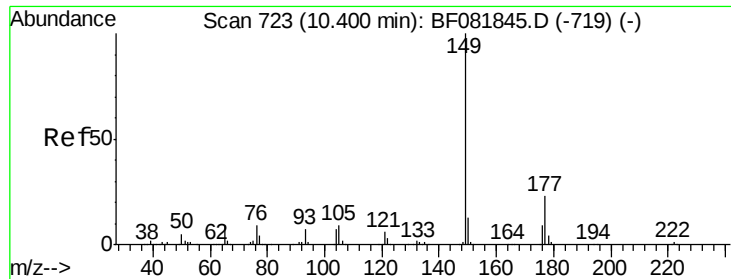
Tgt Ion:166 Resp: 575039
 Ion Ratio Lower Upper
 166 100
 165 98.5 72.6 109.0
 167 13.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.29 ng
 RT: 10.30 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion:232 Resp: 166754
 Ion Ratio Lower Upper
 232 100
 131 44.9 38.5 57.7
 130 2.0 1.8 2.6
 166 31.0 25.0 37.6

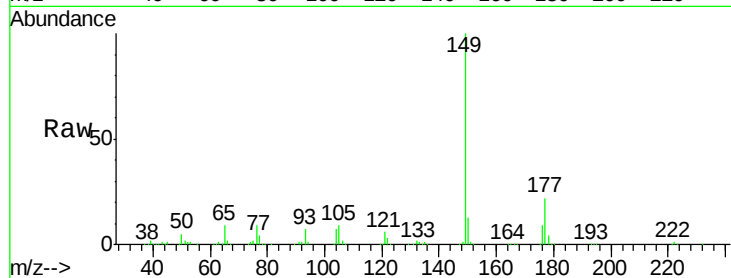




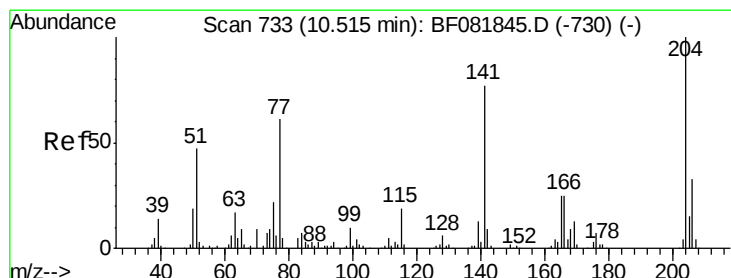
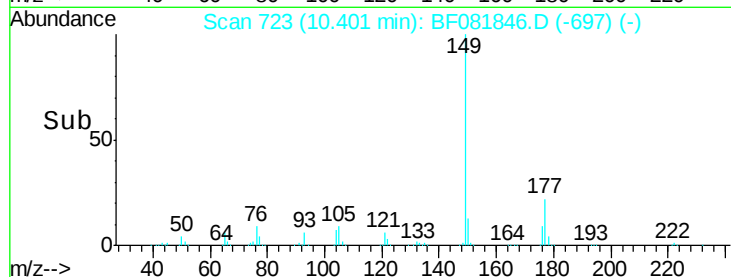
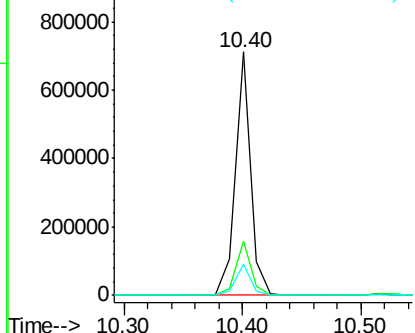
#59
Diethylphthalate
Concen: 41.80 ng
RT: 10.40 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:149 Resp: 634134
Ion Ratio Lower Upper
149 100
177 22.4 17.5 26.3
150 12.9 9.4 14.2

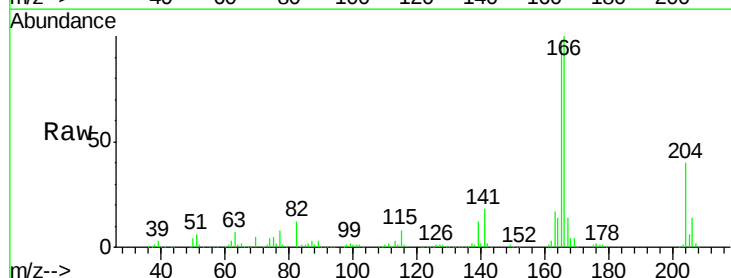


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

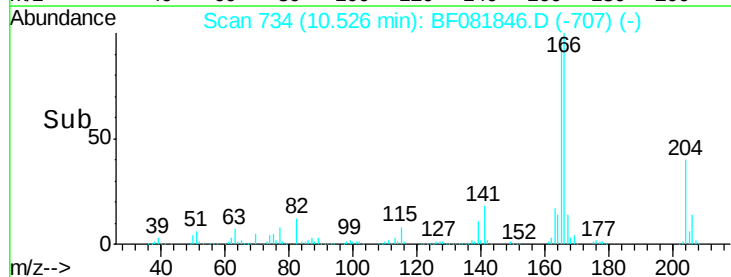
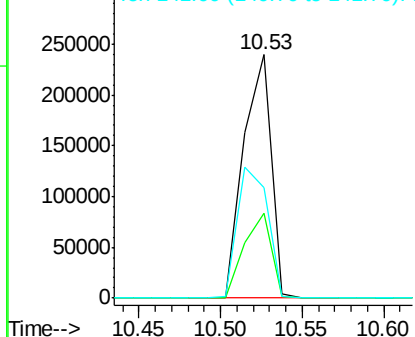


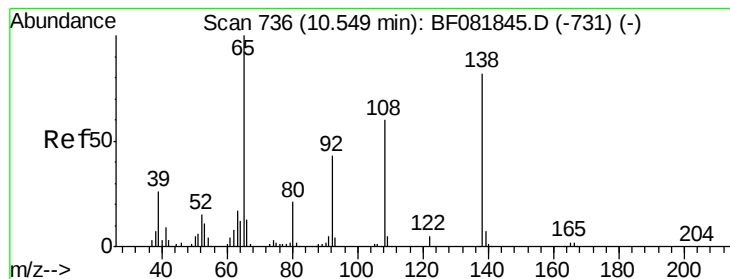
#60
4-Chlorophenyl-phenylether
Concen: 42.94 ng
RT: 10.53 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF081846.D
Acq: 28 Sep 2015 16:32

Tgt Ion:204 Resp: 280191
Ion Ratio Lower Upper
204 100
206 34.6 24.8 37.2
141 45.4 42.2 63.4



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





#61

4-Nitroaniline

Concen: 59.02 ng

RT: 10.56 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

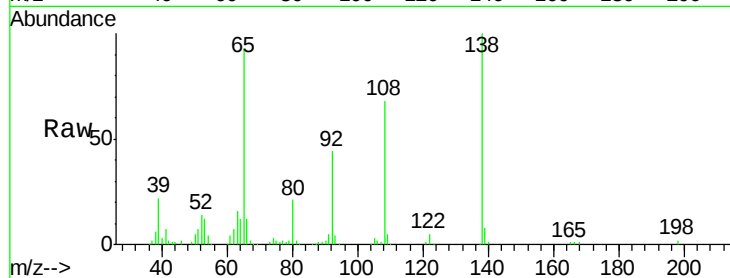
Tgt Ion:138 Resp: 188016

Ion Ratio Lower Upper

138 100

92 44.4 12.6 52.6

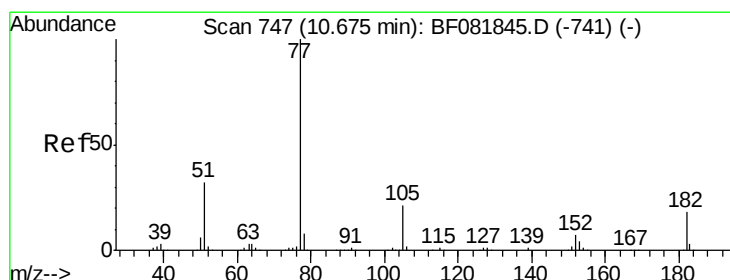
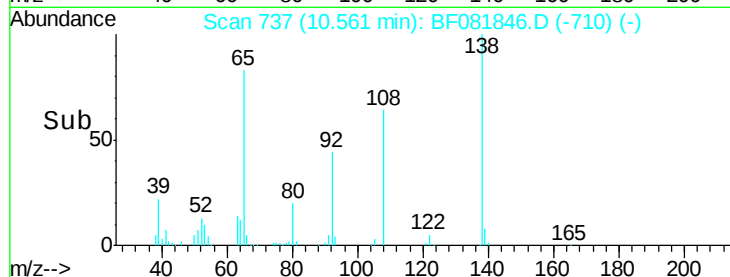
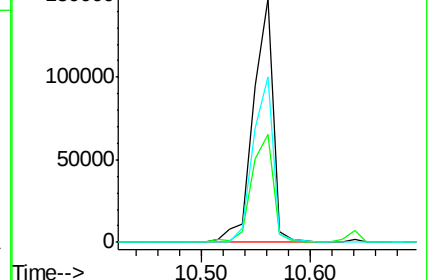
108 67.8 12.4 52.4#



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: 39.07 ng

RT: 10.67 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Tgt Ion: 77 Resp: 606087

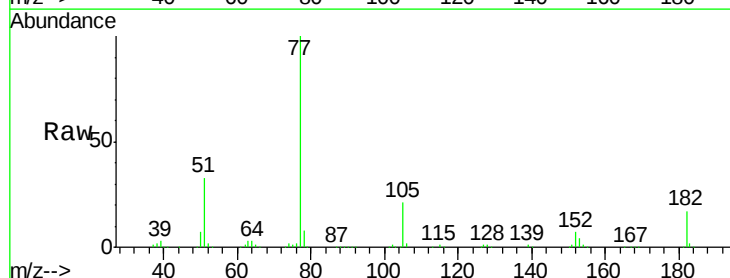
Ion Ratio Lower Upper

77 100

182 16.9 15.1 55.1

105 21.2 3.4 43.4

51 32.7 12.0 52.0

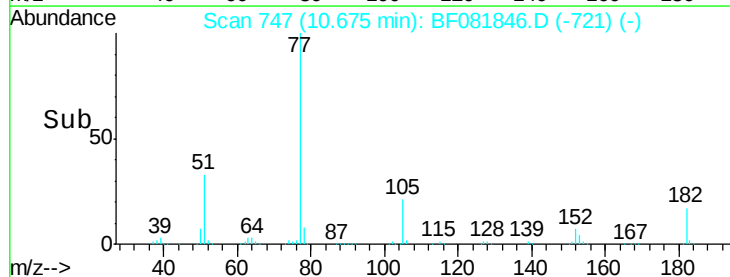
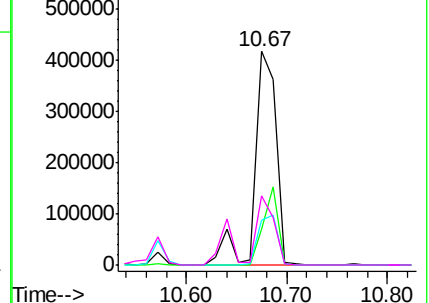


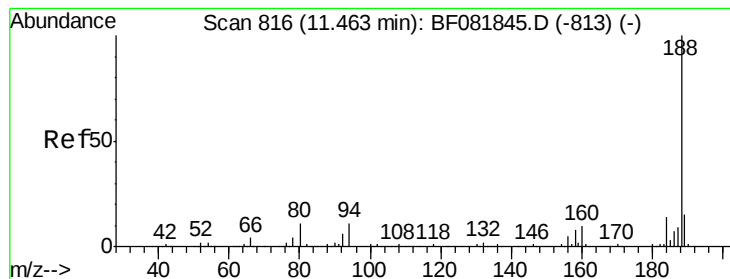
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.46 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

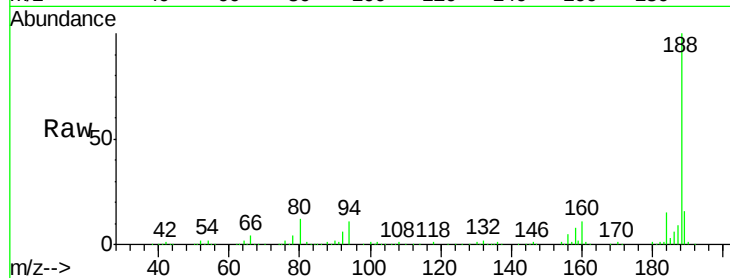
Tgt Ion:188 Resp: 390249

Ion Ratio Lower Upper

188 100

94 11.0 11.1 16.7#

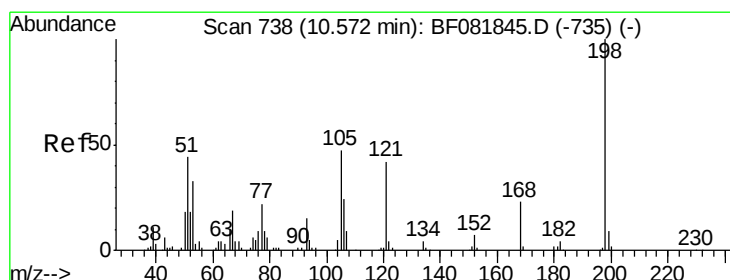
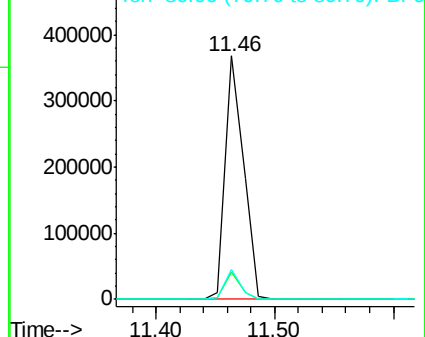
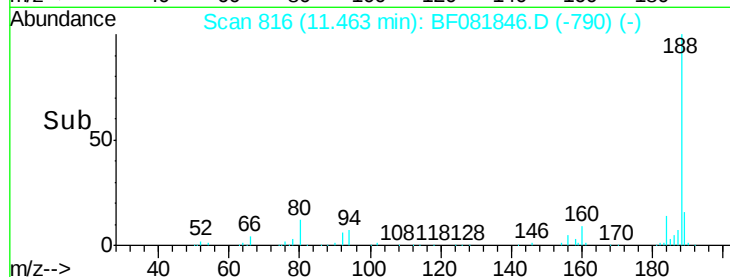
80 12.3 11.0 16.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 112.05 ng

RT: 10.57 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

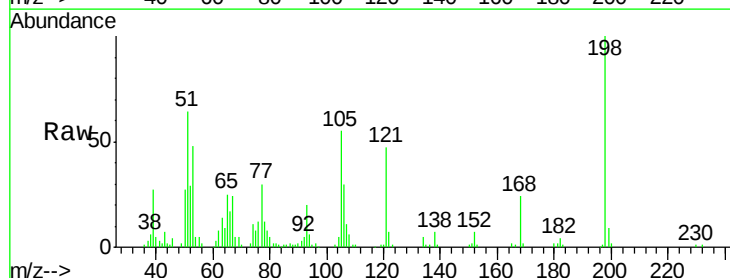
Tgt Ion:198 Resp: 86407

Ion Ratio Lower Upper

198 100

51 63.7 39.6 79.6

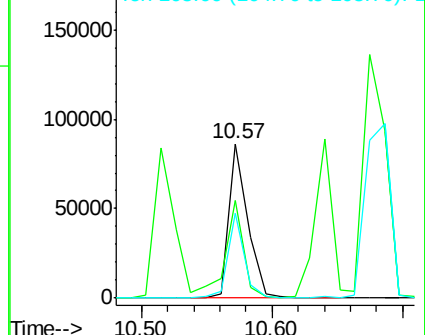
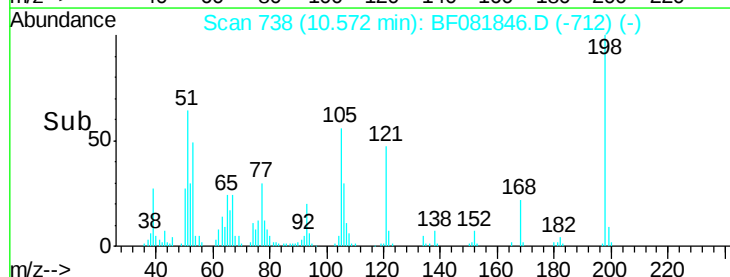
105 55.4 28.5 68.5

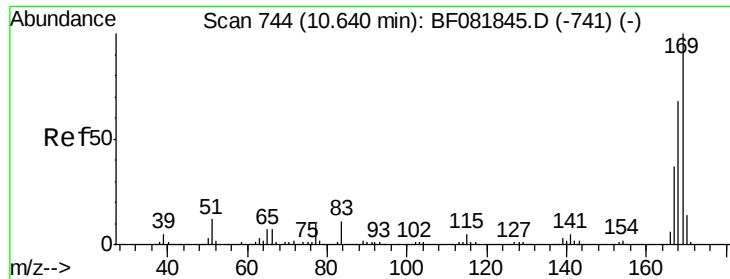


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

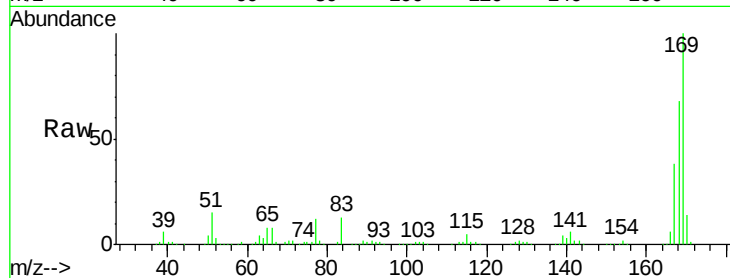




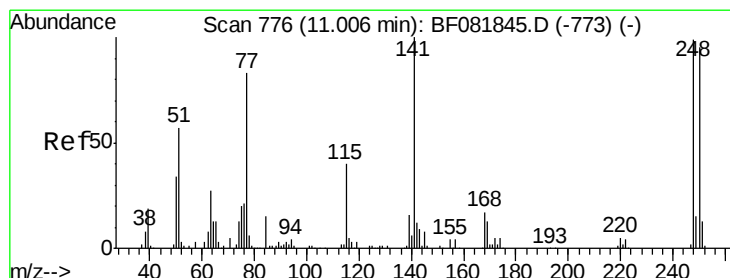
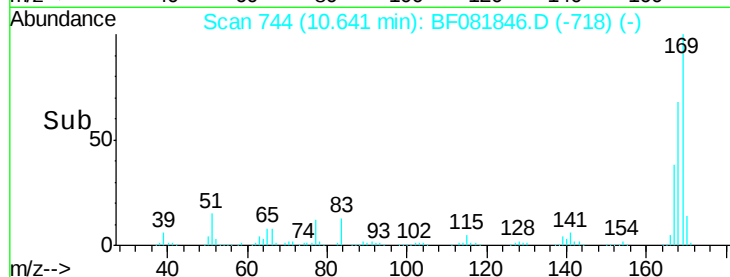
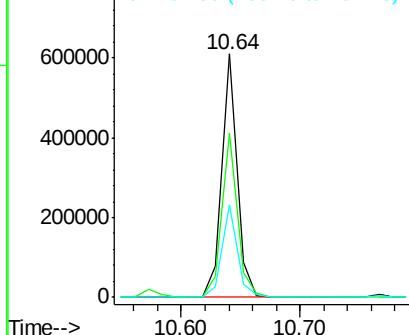
#65
 n-Nitrosodiphenylamine
 Concen: 40.77 ng
 RT: 10.64 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:169 Resp: 536519
 Ion Ratio Lower Upper
 169 100
 168 67.7 48.9 73.3
 167 38.0 26.2 39.4

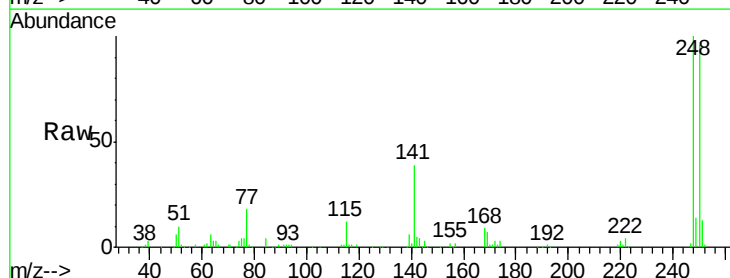


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

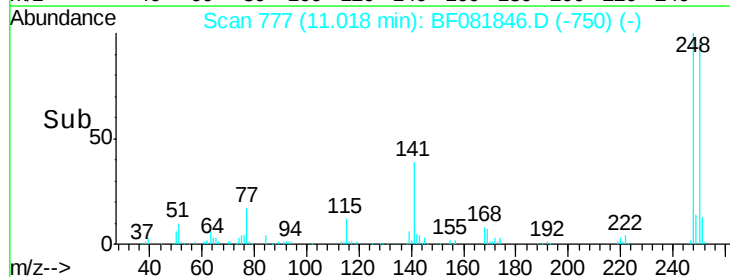
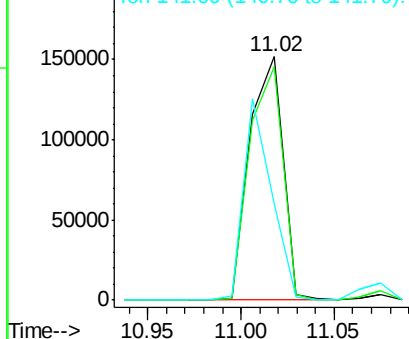


#66
 4-Bromophenyl-phenylether
 Concen: 43.22 ng
 RT: 11.02 min Scan# 777
 Delta R.T. 0.01 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion:248 Resp: 187801
 Ion Ratio Lower Upper
 248 100
 250 96.0 78.5 117.7
 141 39.5 59.0 88.6#



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: 47.86 ng

RT: 11.07 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

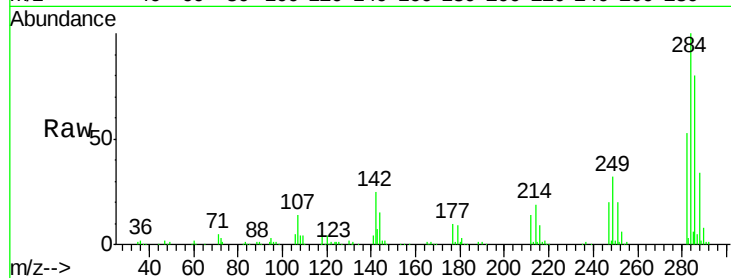
Tgt Ion:284 Resp: 217000

Ion Ratio Lower Upper

284 100

142 25.4 29.5 44.3#

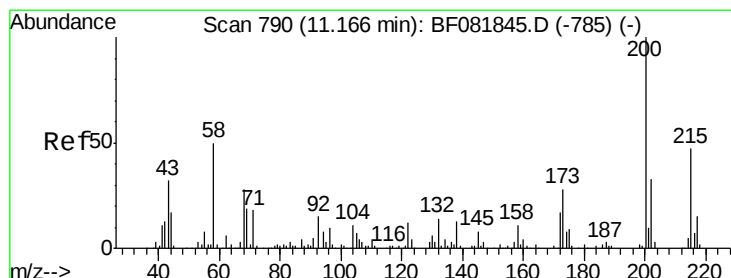
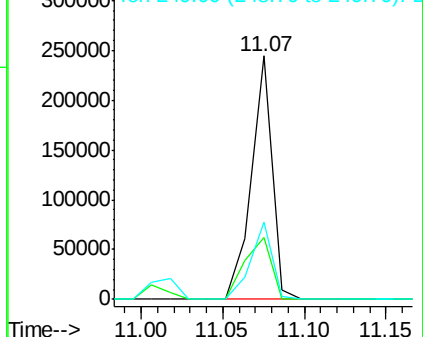
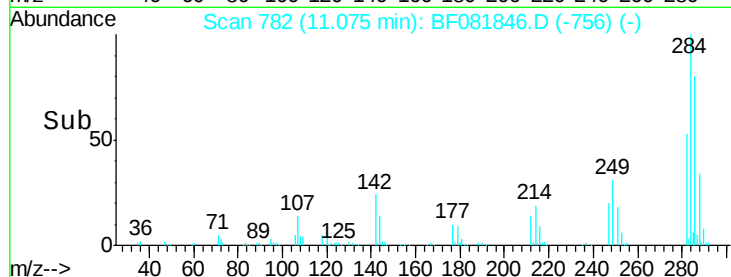
249 31.5 19.5 29.3#



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: 42.94 ng

RT: 11.17 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

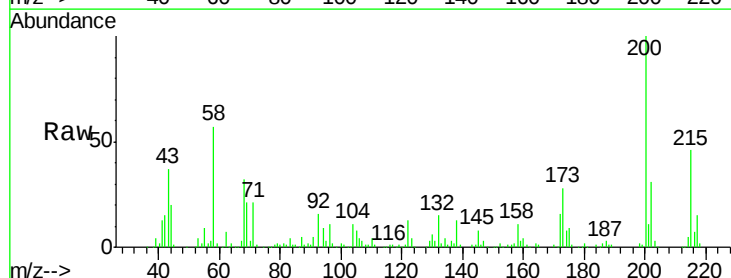
Tgt Ion:200 Resp: 168982

Ion Ratio Lower Upper

200 100

173 28.1 13.2 53.2

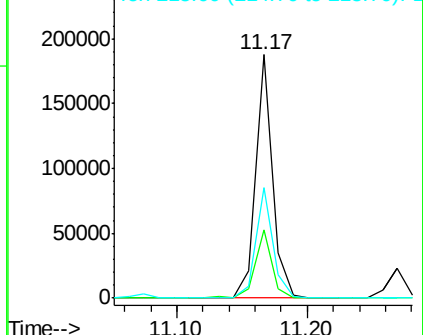
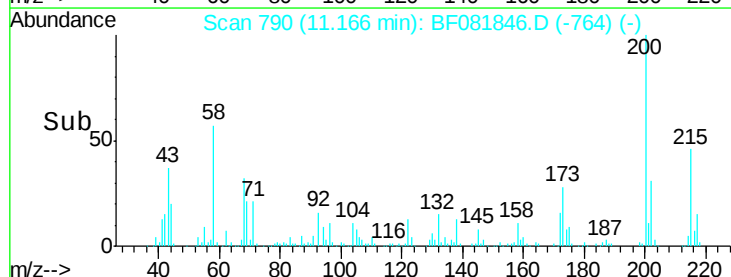
215 45.5 41.8 81.8

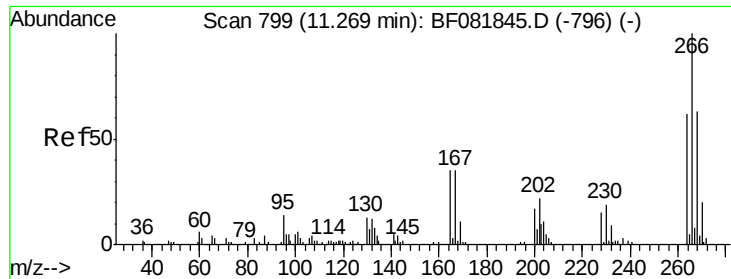


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

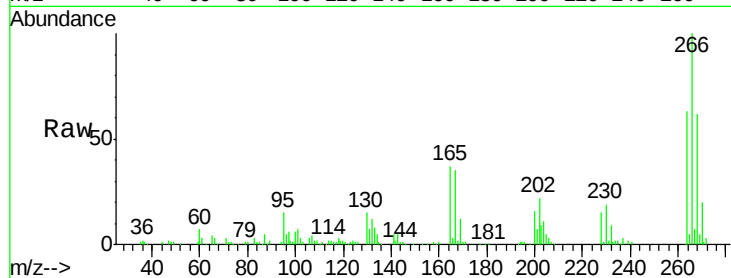




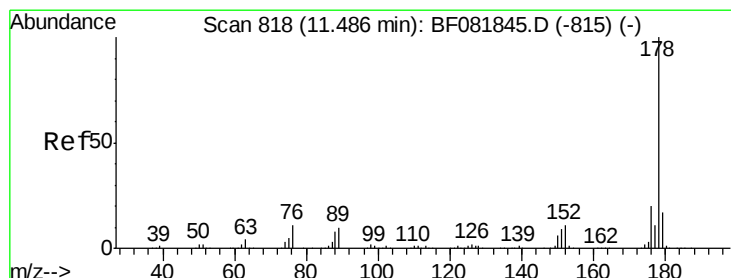
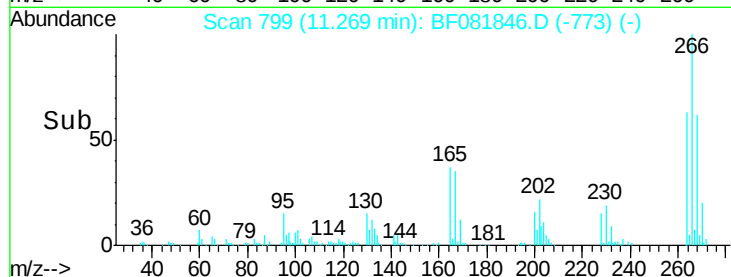
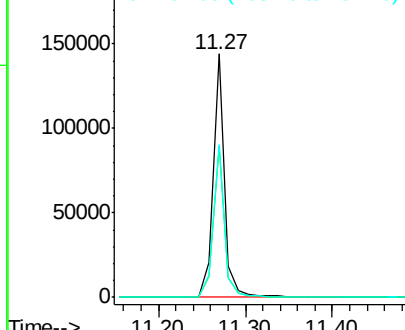
#69
 Pentachlorophenol
 Concen: 71.77 ng
 RT: 11.27 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:266 Resp: 132999
 Ion Ratio Lower Upper
 266 100
 268 62.4 49.8 74.6
 264 62.8 50.2 75.2

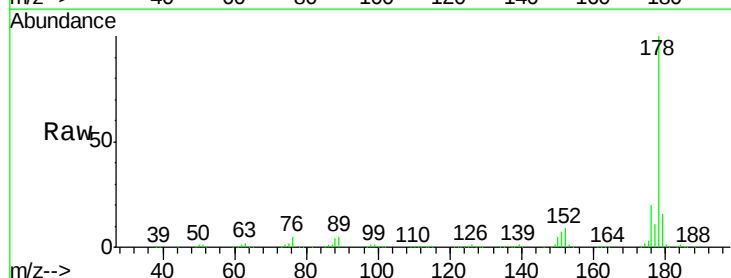


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

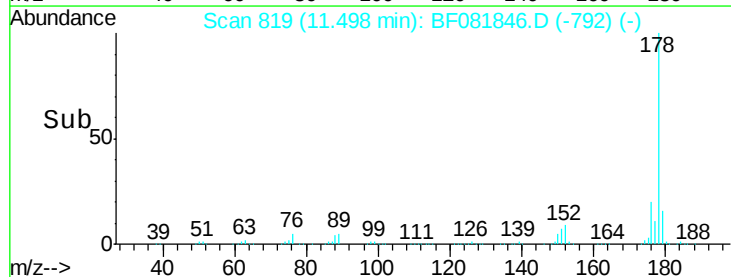
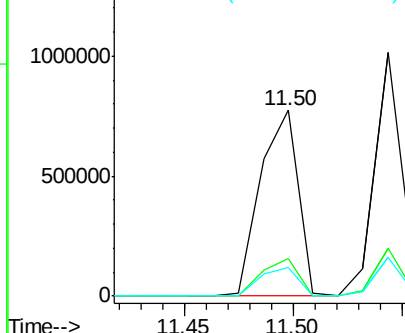


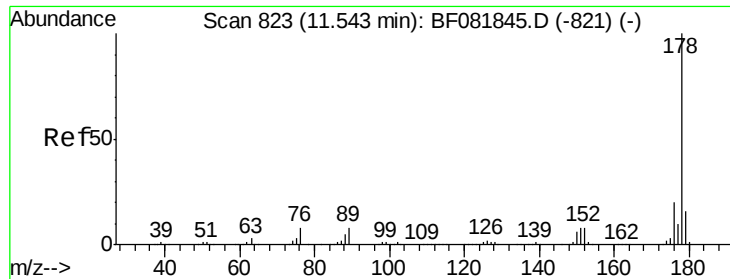
#70
 Phenanthrene
 Concen: 42.24 ng
 RT: 11.50 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion:178 Resp: 942498
 Ion Ratio Lower Upper
 178 100
 176 20.2 13.8 20.8
 179 15.5 12.2 18.2



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

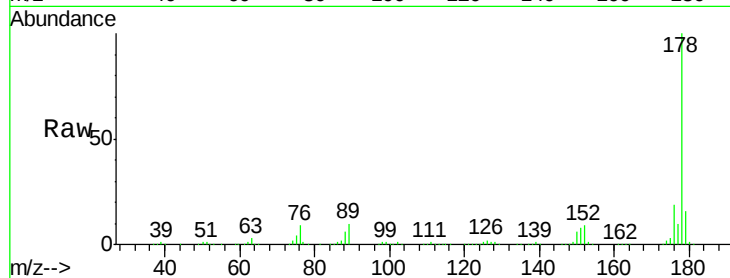




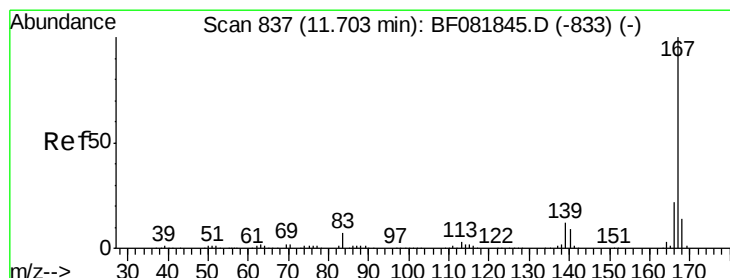
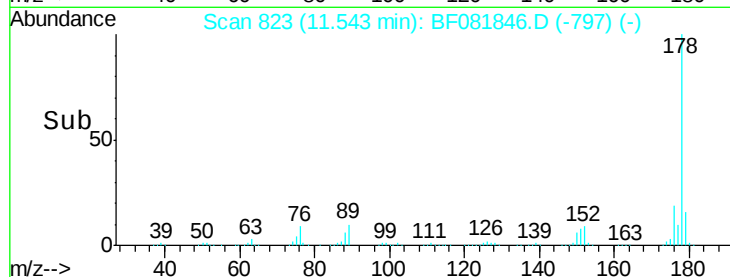
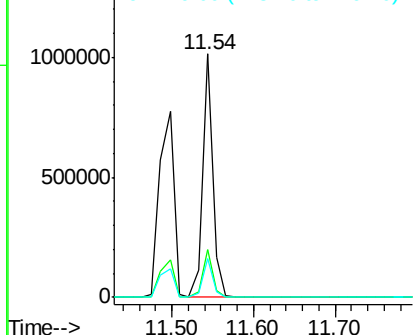
#71
 Anthracene
 Concen: 41.98 ng
 RT: 11.54 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:178 Resp: 902426
 Ion Ratio Lower Upper
 178 100
 176 19.4 14.1 21.1
 179 15.9 12.2 18.2

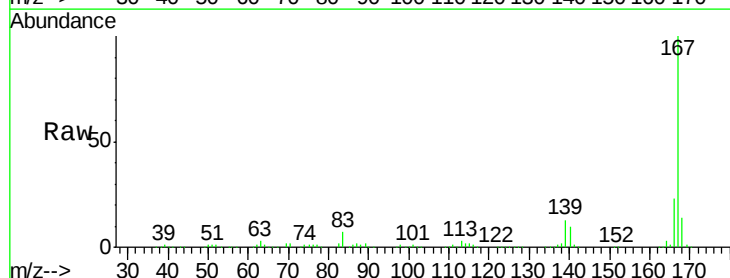


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

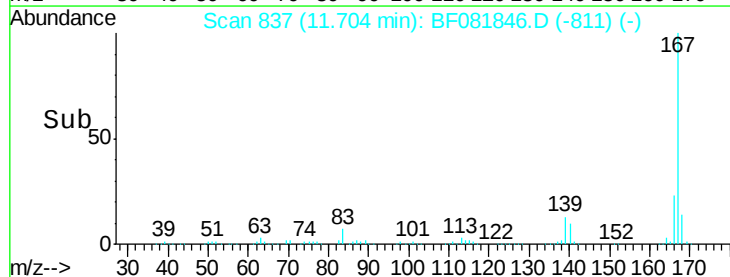
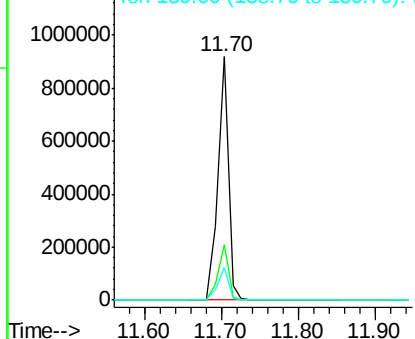


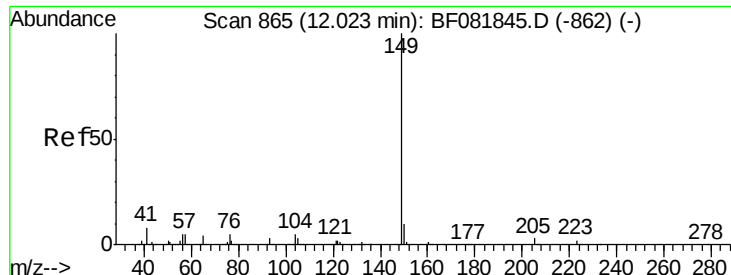
#72
 Carbazole
 Concen: 43.74 ng
 RT: 11.70 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion:167 Resp: 873057
 Ion Ratio Lower Upper
 167 100
 166 22.6 15.7 23.5
 139 13.2 9.5 14.3



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: 36.65 ng

RT: 12.02 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

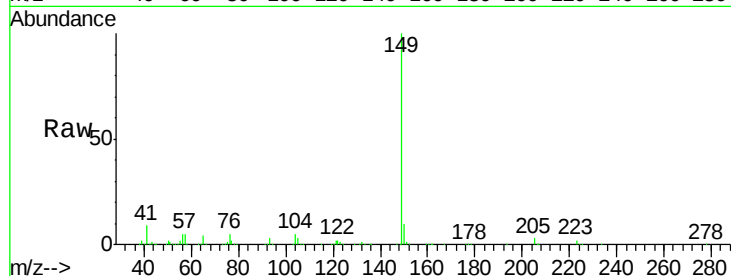
Tgt Ion:149 Resp: 890384

Ion Ratio Lower Upper

149 100

150 9.9 7.4 11.2

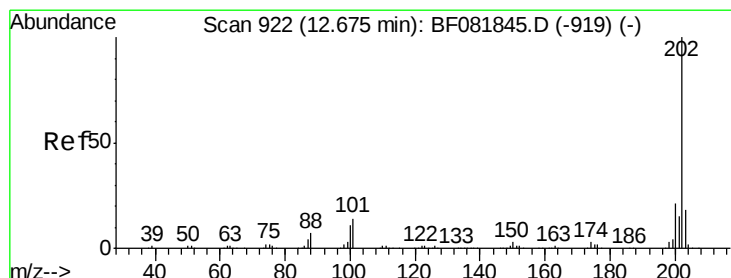
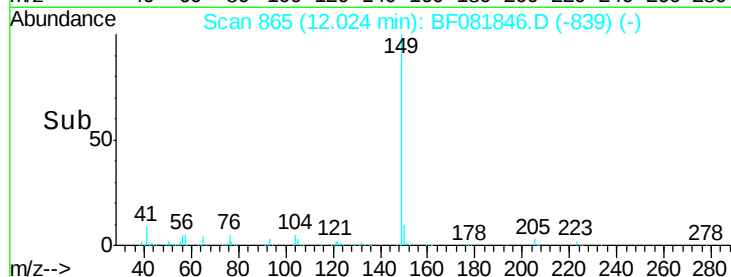
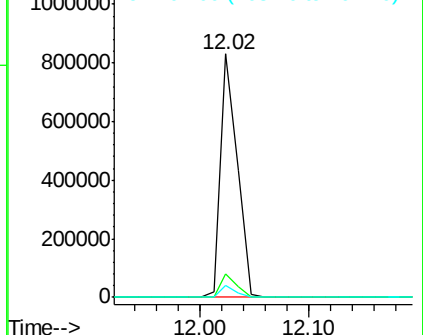
104 5.1 2.4 3.6#



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: 43.53 ng

RT: 12.69 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

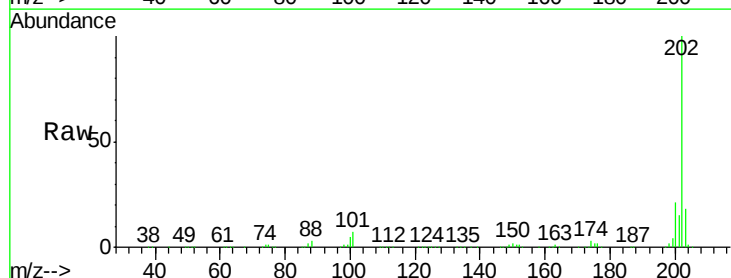
Tgt Ion:202 Resp: 978688

Ion Ratio Lower Upper

202 100

101 6.9 0.0 38.3

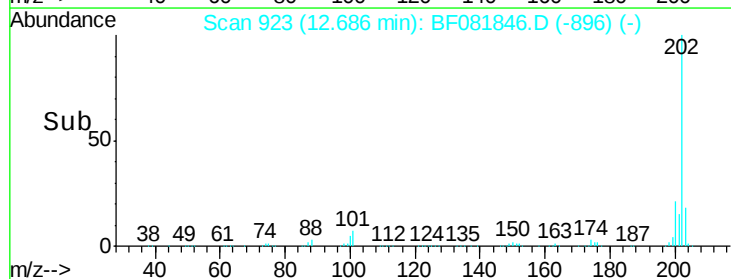
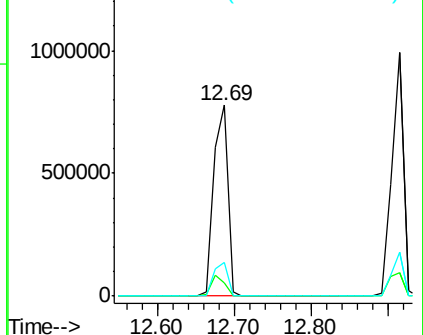
203 17.9 0.0 37.3

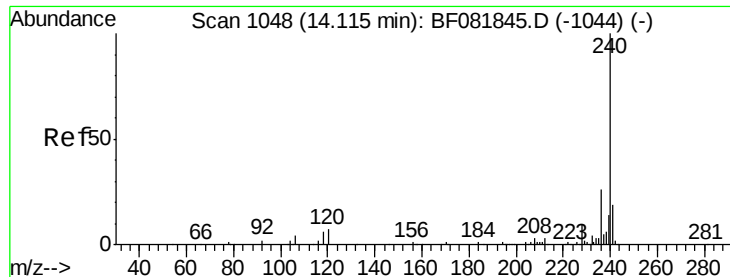


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

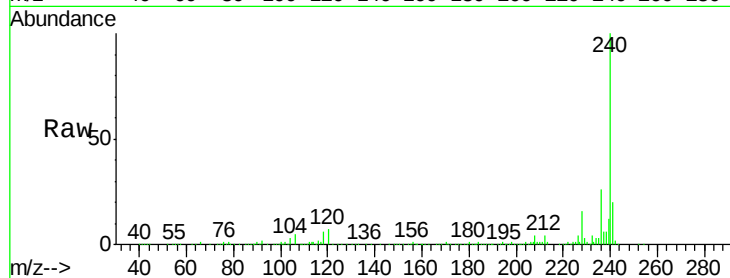
Tgt Ion:240 Resp: 362066

Ion Ratio Lower Upper

240 100

120 7.4 16.2 24.2#

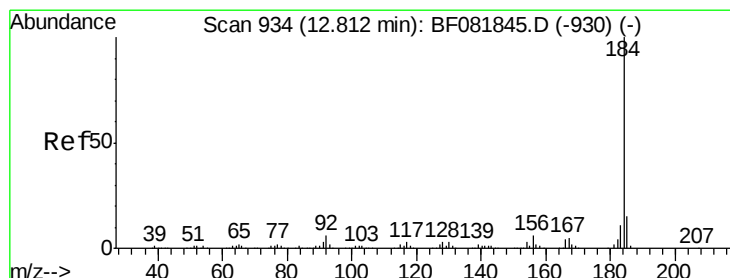
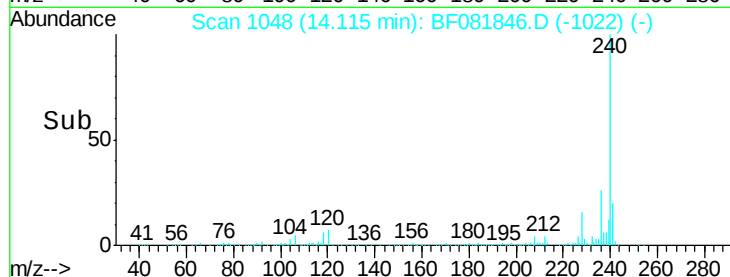
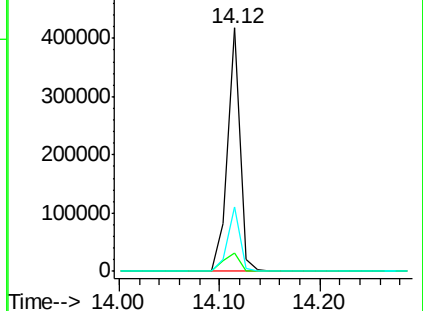
236 26.3 18.4 27.6



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: 45.42 ng

RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

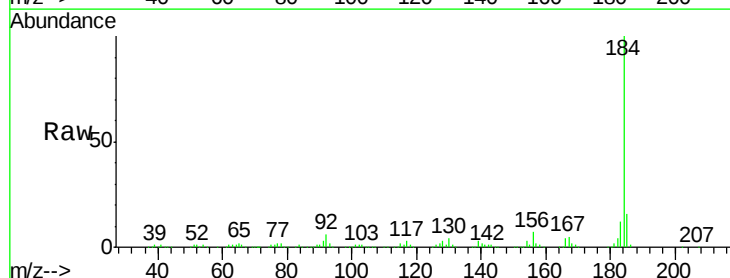
Tgt Ion:184 Resp: 558088

Ion Ratio Lower Upper

184 100

185 15.9 11.8 17.6

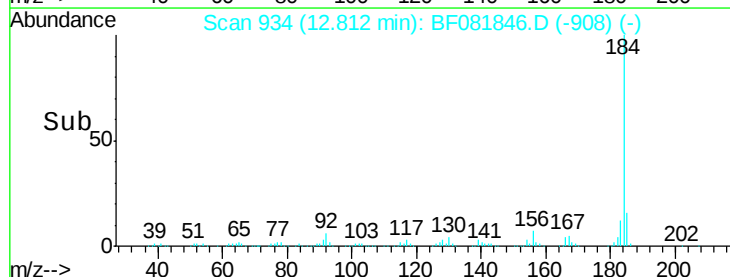
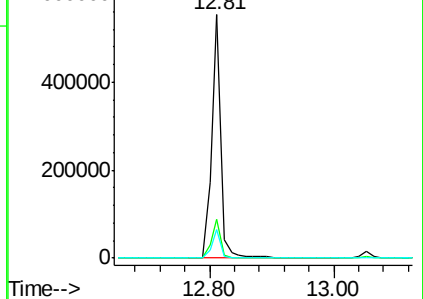
183 11.5 7.6 11.4#

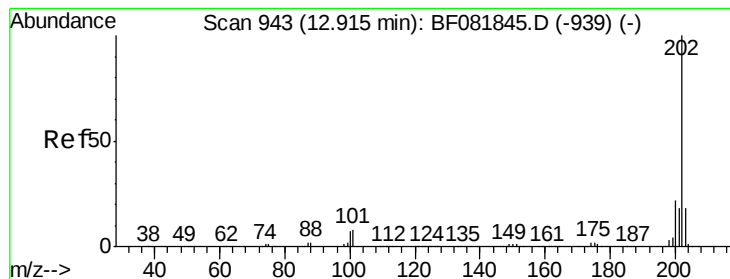


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.61 ng

RT: 12.92 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

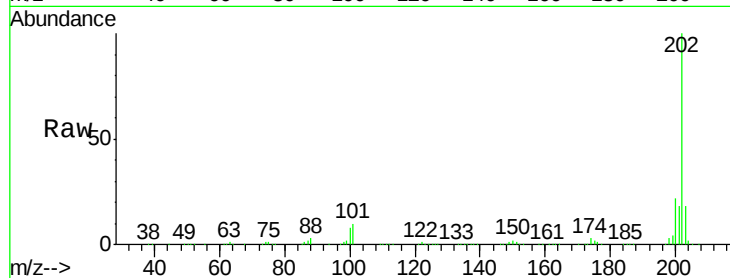
Tgt Ion:202 Resp: 1026518

Ion Ratio Lower Upper

202 100

200 22.0 15.0 22.4

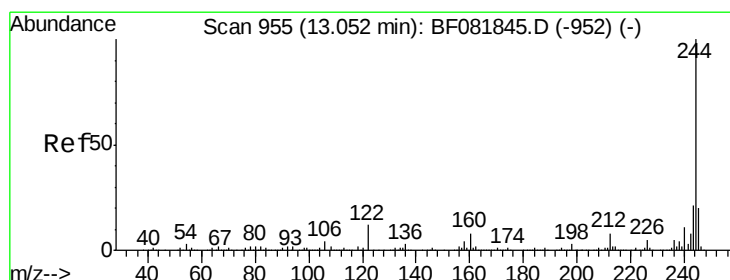
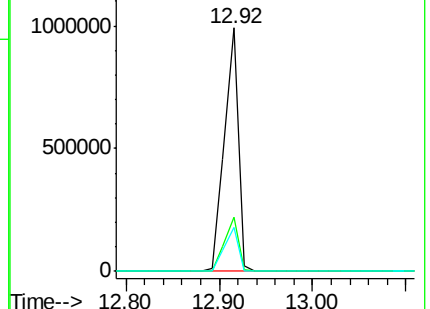
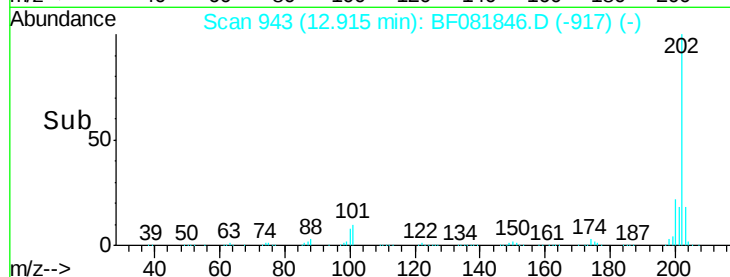
203 17.9 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 64.75 ng

RT: 13.05 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

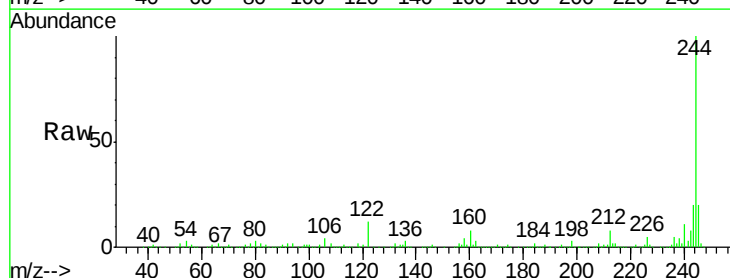
Tgt Ion:244 Resp: 1026212

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

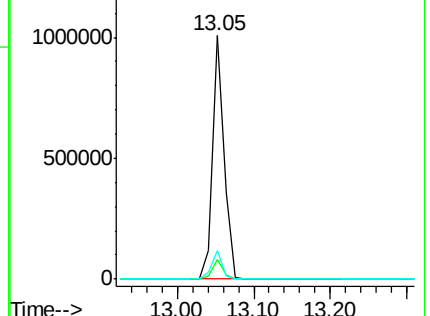
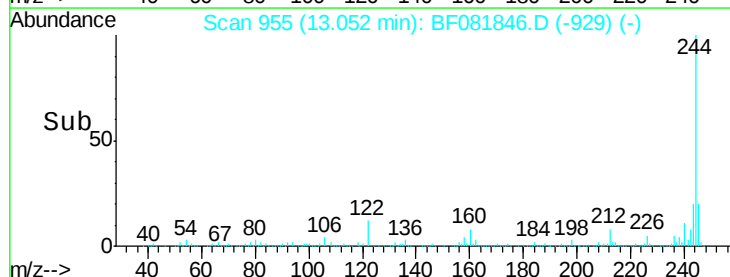
122 11.9 17.4 26.2#

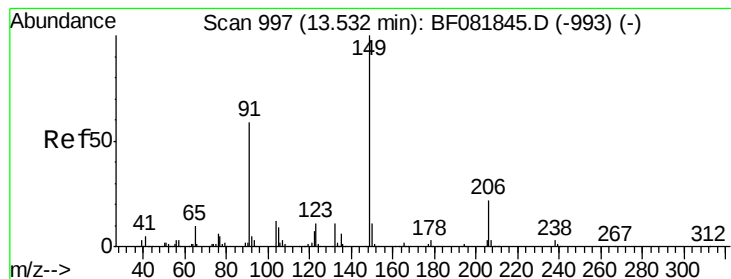


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 36.76 ng

RT: 13.53 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

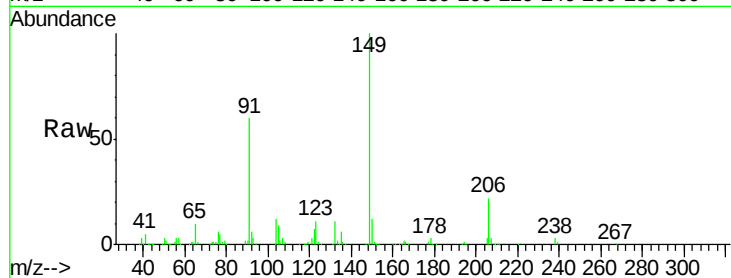
Tgt Ion:149 Resp: 399858

Ion Ratio Lower Upper

149 100

91 59.8 48.6 72.8

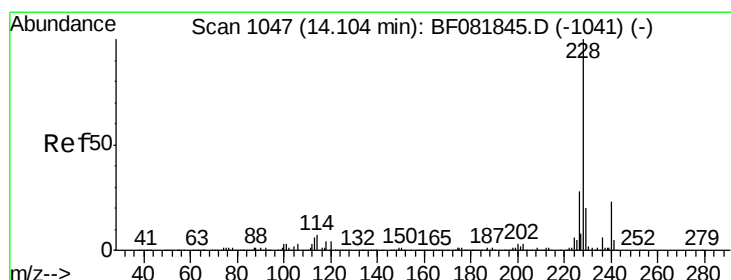
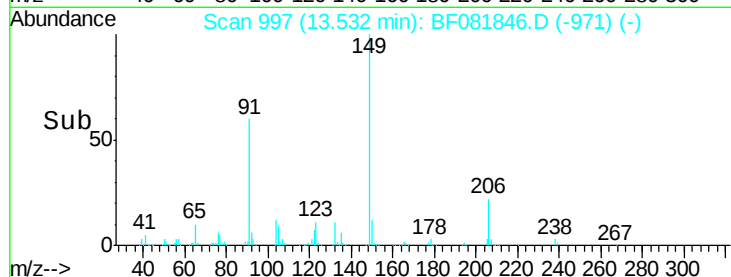
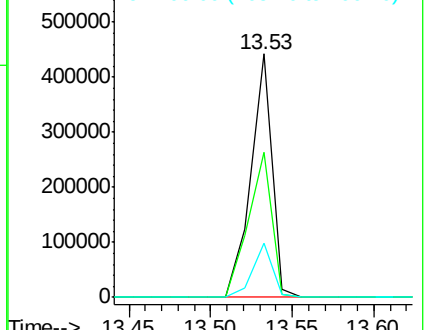
206 22.0 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.99 ng

RT: 14.10 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

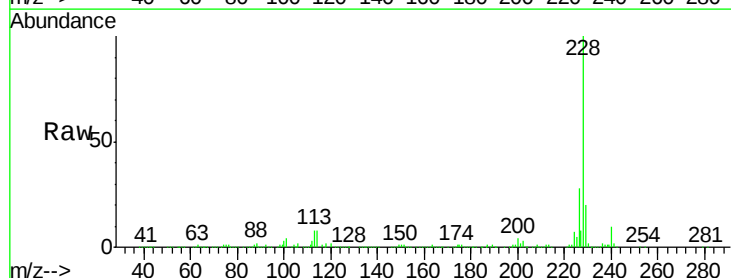
Tgt Ion:228 Resp: 878042

Ion Ratio Lower Upper

228 100

226 28.0 20.0 30.0

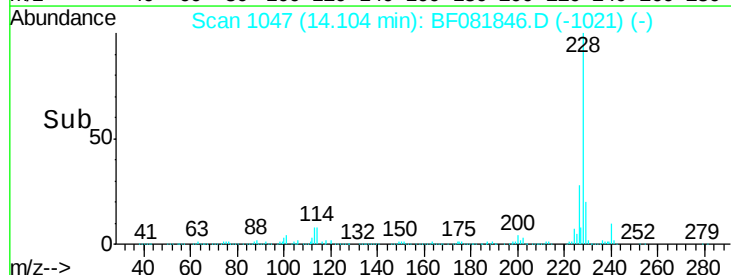
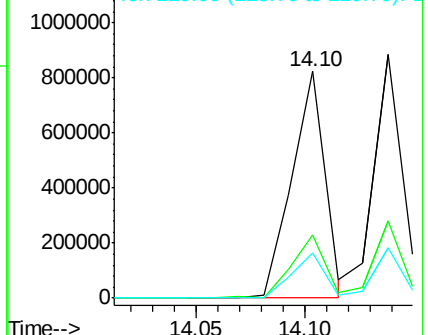
229 20.0 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

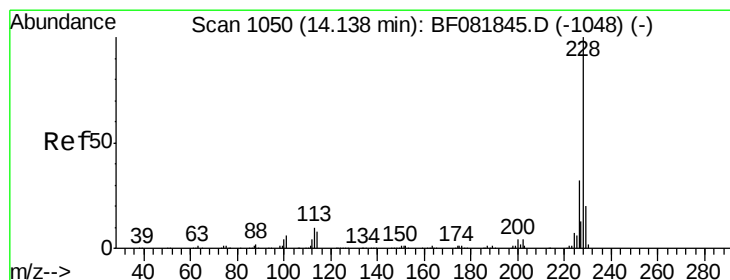
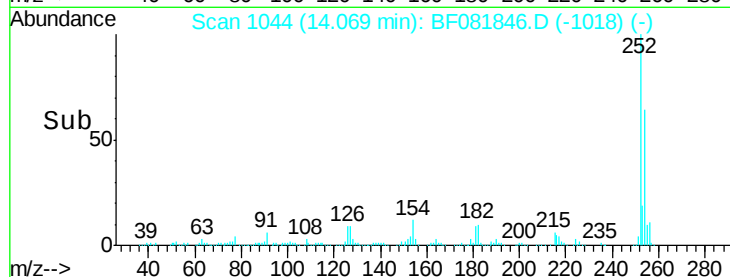
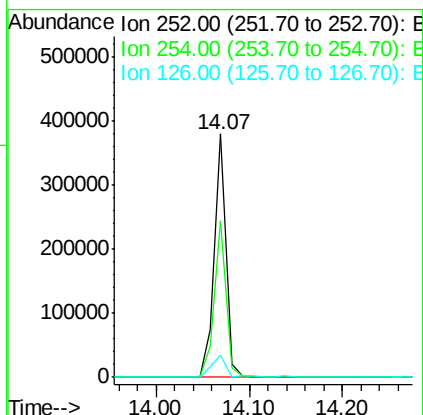
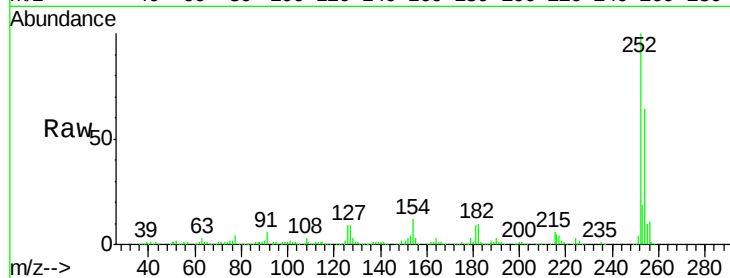




#81
 3,3'-Dichlorobenzidine
 Concen: 47.60 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

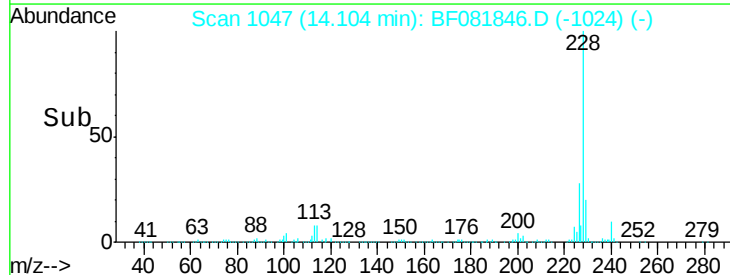
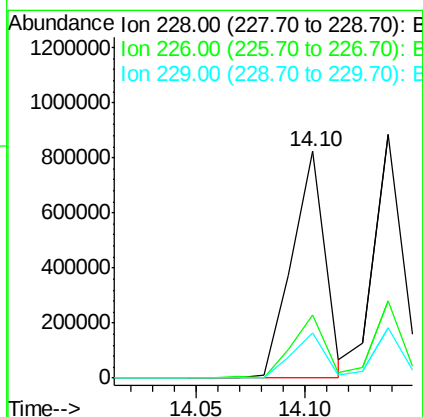
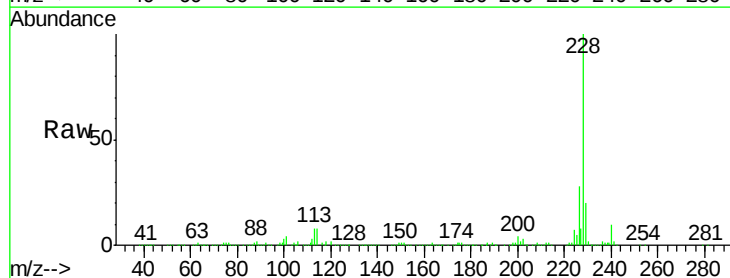
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:252 Resp: 331934
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.4 77.2
 126 8.9 16.4 24.6#



#82
 Chrysene
 Concen: 41.70 ng
 RT: 14.10 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion:228 Resp: 878042
 Ion Ratio Lower Upper
 228 100
 226 28.0 21.0 31.4
 229 20.0 15.6 23.4

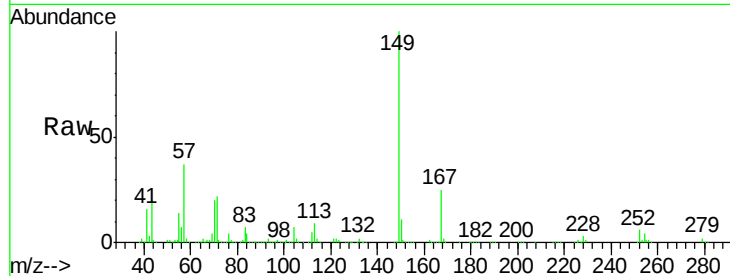




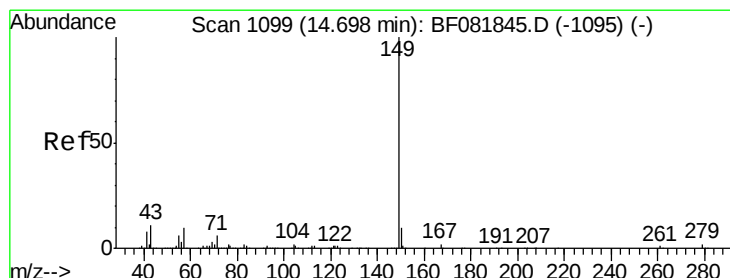
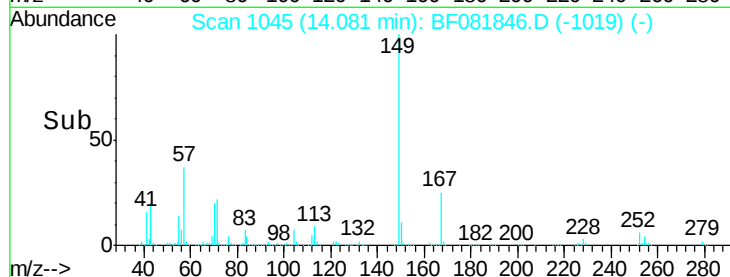
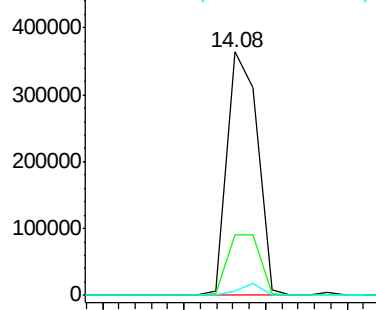
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.94 ng
 RT: 14.08 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:149 Resp: 474134
 Ion Ratio Lower Upper
 149 100
 167 24.8 24.2 36.2
 279 1.9 3.8 5.6#

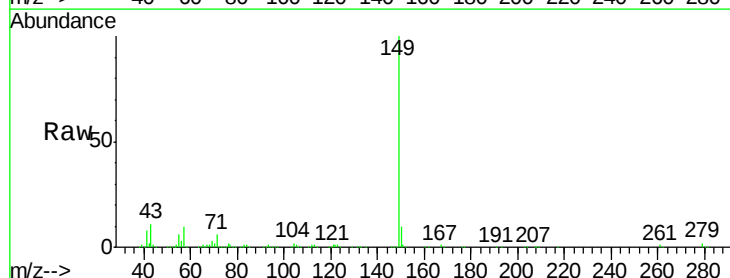


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

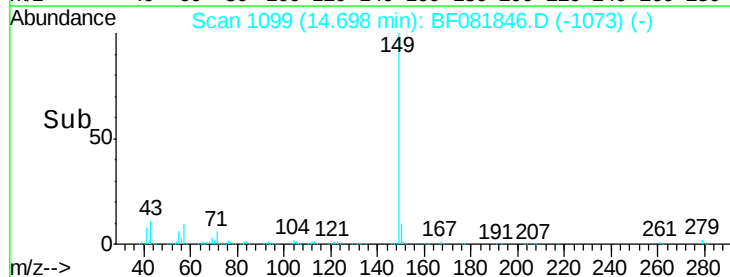
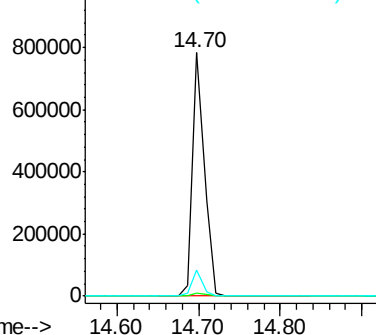


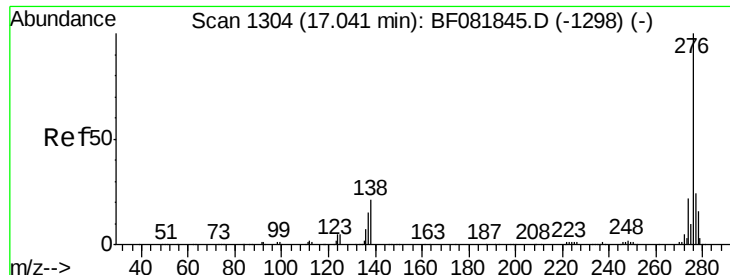
#84
 Di-n-octyl phthalate
 Concen: 40.36 ng
 RT: 14.70 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion:149 Resp: 782908
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 9.6 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

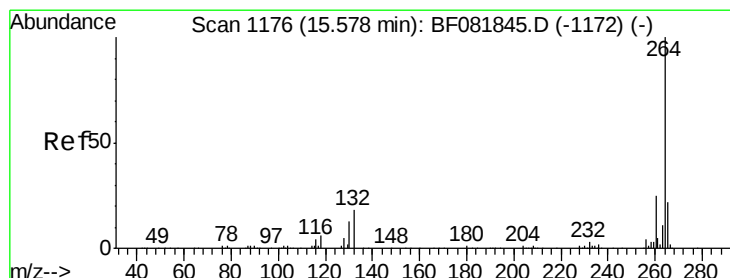
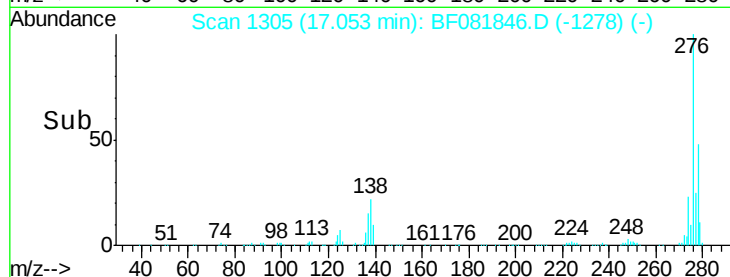
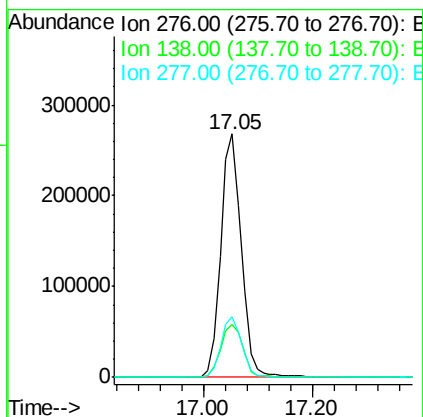
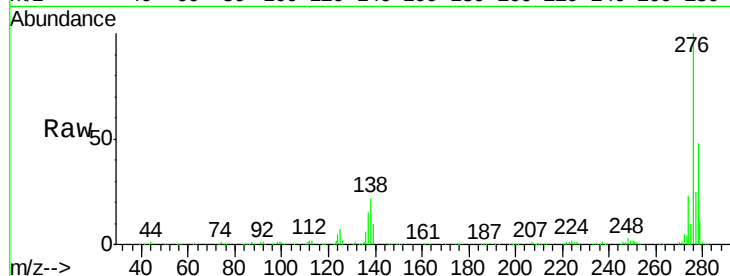




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.84 ng
 RT: 17.05 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

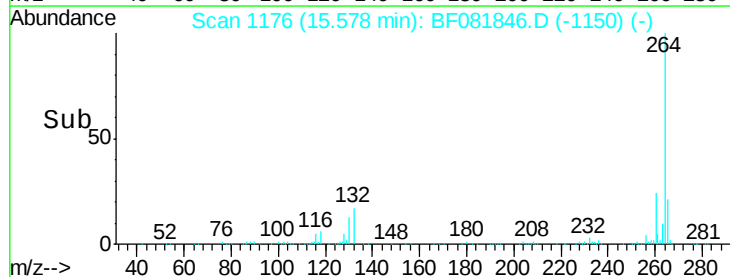
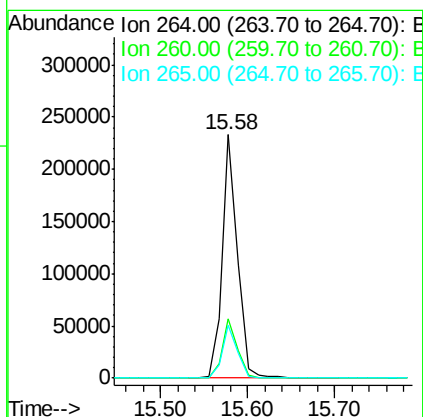
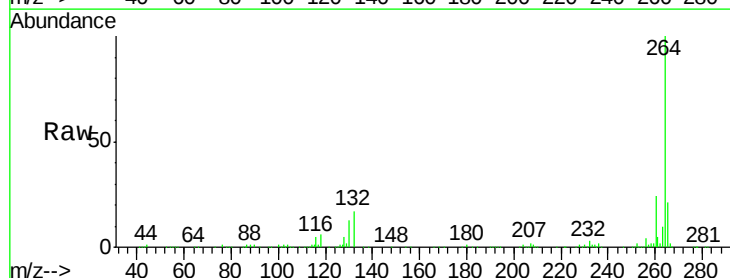
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

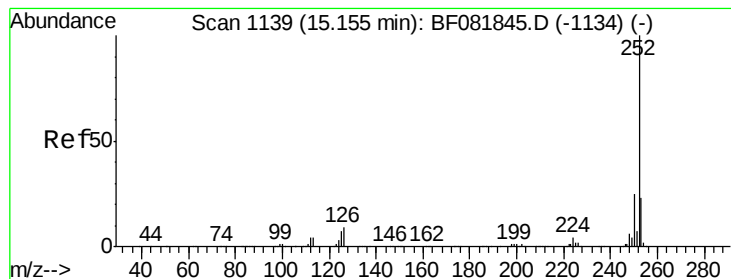
Tgt Ion: 276 Resp: 710169
 Ion Ratio Lower Upper
 276 100
 138 23.5 25.7 38.5#
 277 25.2 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Tgt Ion: 264 Resp: 286134
 Ion Ratio Lower Upper
 264 100
 260 24.2 16.7 25.1
 265 21.5 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 46.48 ng

RT: 15.16 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

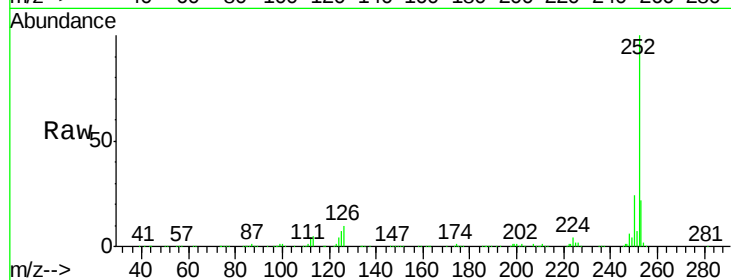
Tgt Ion:252 Resp: 788684

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

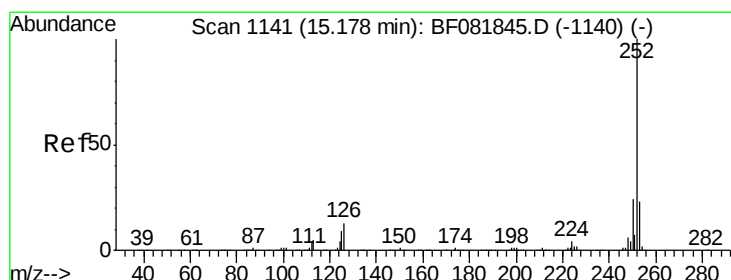
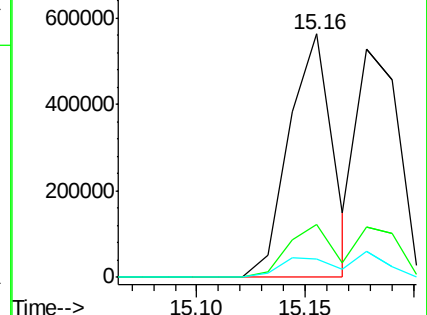
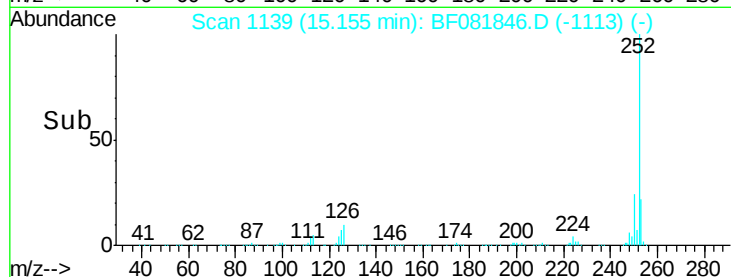
125 7.5 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.25 ng

RT: 15.16 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

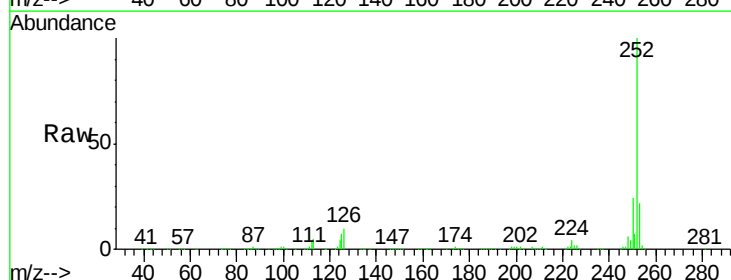
Tgt Ion:252 Resp: 788684

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

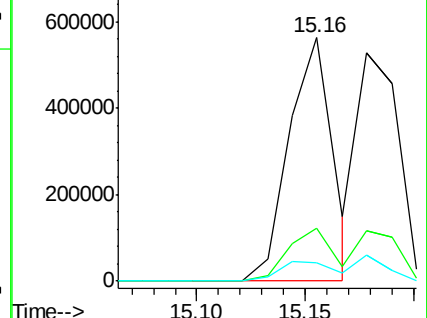
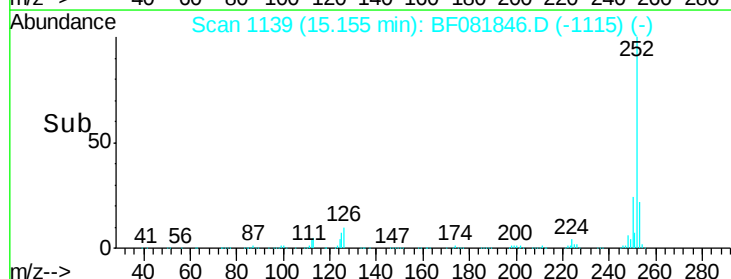
125 7.5 16.0 24.0#

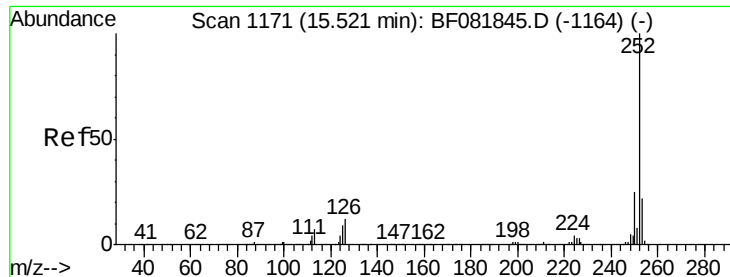


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.56 ng

RT: 15.52 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

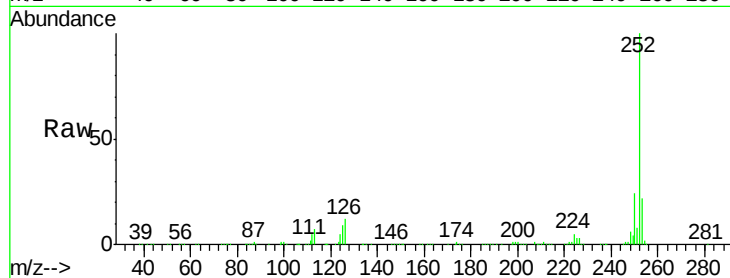
Tgt Ion:252 Resp: 682606

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

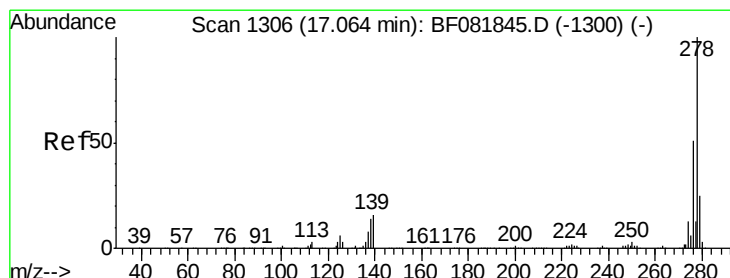
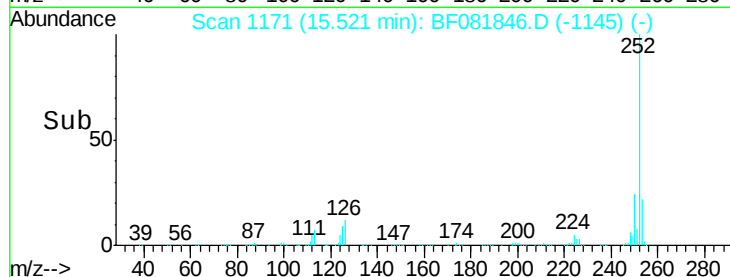
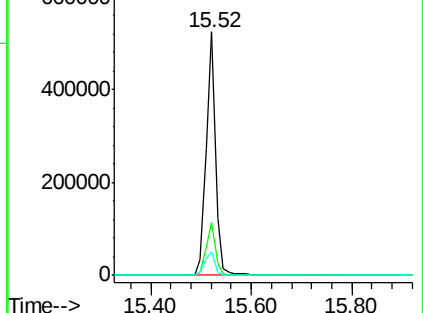
125 9.5 18.0 27.0#



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: 35.76 ng

RT: 17.06 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF081846.D

Acq: 28 Sep 2015 16:32

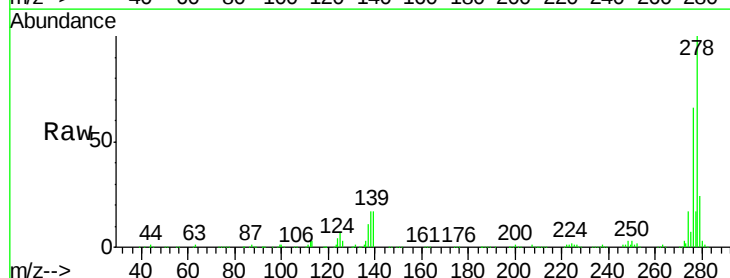
Tgt Ion:278 Resp: 570822

Ion Ratio Lower Upper

278 100

139 17.2 26.3 39.5#

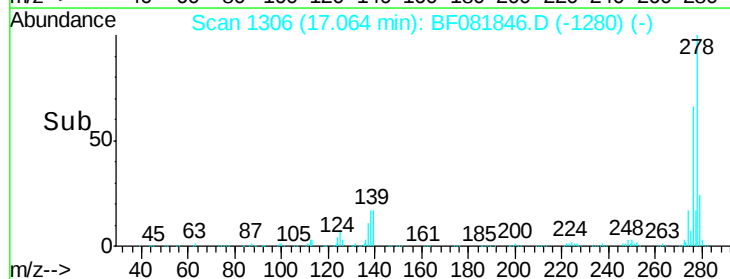
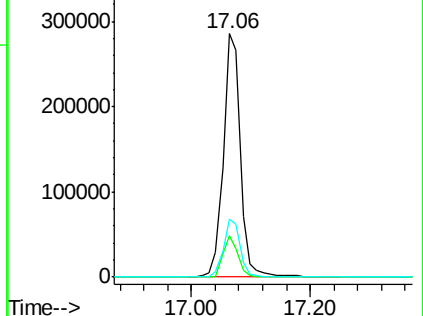
279 24.0 18.2 27.4



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

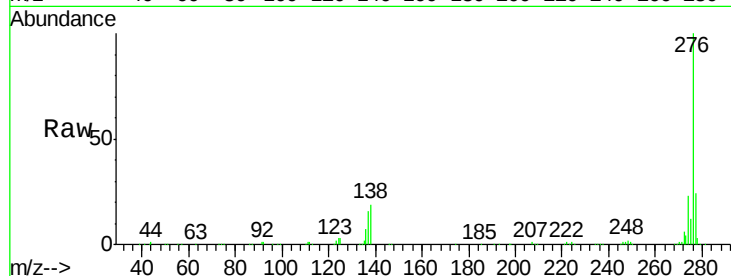




#91
 Benzo(g,h,i)perylene
 Concen: 35.34 ng
 RT: 17.50 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF081846.D
 Acq: 28 Sep 2015 16:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.8	26.6
138	18.6	34.6	51.8



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

