

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087303.D
 Acq On : 23 May 2016 16:35
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: May 24 01:02:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 00:59:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	145802	20.00	ng	0.01
21) Naphthalene-d8	9.64	136	603562	20.00	ng	0.00
38) Acenaphthene-d10	12.48	164	272197	20.00	ng	0.00
63) Phenanthrene-d10	14.88	188	505617	20.00	ng	0.00
75) Chrysene-d12	18.56	240	354606	20.00	ng	0.00
86) Perylene-d12	20.23	264	286781	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1059199	121.76	ng	0.00
7) Phenol-d6	7.16	99	1379072	119.34	ng	0.00
23) Nitrobenzene-d5	8.55	82	1432269	117.33	ng	0.01
41) 2,4,6-Tribromophenol	13.78	330	313155	106.82	ng	0.00
44) 2-Fluorobiphenyl	11.44	172	2235251	133.65	ng	0.01
78) Terphenyl-d14	17.22	244	1956521	121.44	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.94	88	254624	57.57	ng	# 73
3) Pyridine	2.55	79	609486	57.64	ng	# 65
4) n-Nitrosodimethylamine	2.54	42	462735	61.35	ng	# 46
6) Aniline	7.12	93	886992	59.93	ng	96
8) 2-Chlorophenol	7.30	128	614800	58.47	ng	94
9) Benzaldehyde	6.94	77	306140	46.61	ng	98
10) Phenol	7.19	94	702952	50.03	ng	81
11) bis(2-Chloroethyl)ether	7.27	93	584854	53.30	ng	90
12) 1,3-Dichlorobenzene	7.52	146	676289	60.56	ng	# 94
13) 1,4-Dichlorobenzene	7.64	146	681411	59.44	ng	94
14) 1,2-Dichlorobenzene	7.88	146	626317	61.33	ng	98
15) Benzyl Alcohol	7.91	79	526898	61.21	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.10	45	1296903	57.35	ng	88
17) 2-Methylphenol	8.12	107	489811	57.03	ng	# 86
18) Hexachloroethane	8.40	117	255753	58.65	ng	# 87
19) n-Nitroso-di-n-propylamine	8.34	70	513022	59.01	ng	# 69
20) 3+4-Methylphenols	8.39	107	616283	54.83	ng	# 59
22) Acetophenone	8.31	105	882386	60.03	ng	# 96
24) Nitrobenzene	8.57	77	726811	55.43	ng	97
25) Isophorone	8.97	82	1290212	58.33	ng	97
26) 2-Nitrophenol	9.07	139	330479	60.06	ng	# 86
27) 2,4-Dimethylphenol	9.21	122	533321	57.03	ng	87
28) bis(2-Chloroethoxy)methane	9.34	93	701264	58.34	ng	98
29) 2,4-Dichlorophenol	9.47	162	492582	59.35	ng	94
30) 1,2,4-Trichlorobenzene	9.58	180	544125	58.89	ng	98
31) Naphthalene	9.69	128	1759593	59.32	ng	100
32) Benzoic acid	9.56	122	281443	52.20	ng	# 77
33) 4-Chloroaniline	9.83	127	656138	54.30	ng	# 94
34) Hexachlorobutadiene	9.90	225	333675	62.95	ng	99
35) Caprolactam	10.50	113	115323	44.09	ng	# 51
36) 4-Chloro-3-methylphenol	10.68	107	541639	54.52	ng	90
37) 2-Methylnaphthalene	10.81	142	1072035	56.46	ng	96
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	505853	62.09	ng	98
40) Hexachlorocyclopentadiene	11.06	237	200719	79.46	ng	94

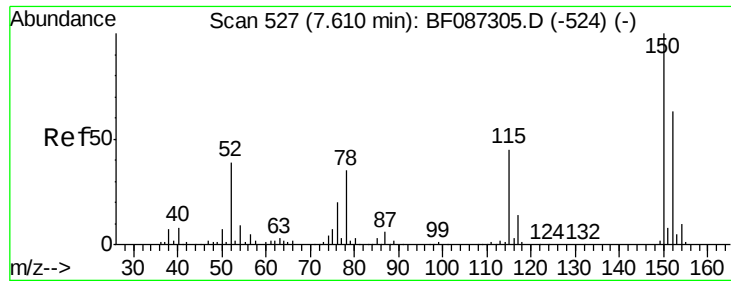
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	308044	59.64	ng	96
43) 2,4,5-Trichlorophenol	11.38	196	312624	58.79	ng	# 88
45) 1,1'-Biphenyl	11.59	154	1364296	60.09	ng	98
46) 2-Chloronaphthalene	11.60	162	985971	56.39	ng	94
47) 2-Nitroaniline	11.82	65	406563	61.68	ng	85
48) Acenaphthylene	12.25	152	1645021	61.13	ng	99
49) Dimethylphthalate	12.15	163	1293821	61.74	ng	99
50) 2,6-Dinitrotoluene	12.23	165	261436	58.79	ng	# 75
51) Acenaphthene	12.54	154	991263	59.09	ng	99
52) 3-Nitroaniline	12.50	138	293858	61.03	ng	96
53) 2,4-Dinitrophenol	12.70	184	133506	60.98	ng	86
54) Dibenzofuran	12.82	168	1298781	59.52	ng	94
55) 4-Nitrophenol	12.87	139	134719	65.36	ng	# 66
56) 2,4-Dinitrotoluene	12.89	165	355687	61.41	ng	93
57) Fluorene	13.38	166	1153161	64.48	ng	98
58) 2,3,4,6-Tetrachlorophenol	13.06	232	241471	58.06	ng	98
59) Diethylphthalate	13.29	149	1259696	63.70	ng	97
60) 4-Chlorophenyl-phenylether	13.41	204	555675	67.11	ng	93
61) 4-Nitroaniline	13.51	138	257382	54.84	ng	# 68
62) Azobenzene	13.66	77	1347866	59.19	ng	86
64) 4,6-Dinitro-2-methylphenol	13.55	198	203623	61.19	ng	# 55
65) n-Nitrosodiphenylamine	13.62	169	940963	59.11	ng	99
66) 4-Bromophenyl-phenylether	14.19	248	324785	61.02	ng	91
67) Hexachlorobenzene	14.26	284	336461	56.55	ng	# 74
68) Atrazine	14.54	200	245753	47.45	ng	93
69) Pentachlorophenol	14.62	266	100568	47.00	ng	96
70) Phenanthrene	14.93	178	1549316	56.71	ng	100
71) Anthracene	15.01	178	1585214	56.13	ng	100
72) Carbazole	15.29	167	1353230	53.97	ng	98
73) Di-n-butylphthalate	15.86	149	1806744	61.51	ng	# 99
74) Fluoranthene	16.67	202	1609745	58.01	ng	94
76) Benzidine	16.89	184	548246	58.70	ng	98
77) Pyrene	16.97	202	1544112	60.42	ng	99
79) Butylbenzylphthalate	17.89	149	772693	71.19	ng	89
80) Benzo(a)anthracene	18.55	228	1219393	59.07	ng	99
81) 3,3'-Dichlorobenzidine	18.54	252	669704	52.32	ng	99
82) Chrysene	18.59	228	1219178	61.43	ng	99
83) Bis(2-ethylhexyl)phthalate	18.62	149	1053541	77.08	ng	# 96
84) Di-n-octyl phthalate	19.39	149	1648308	70.33	ng	# 84
85) Indeno(1,2,3-cd)pyrene	21.50	276	1029453	59.55	ng	94
87) Benzo(b)fluoranthene	19.85	252	2045242	104.41	ng	# 96
88) Benzo(k)fluoranthene	19.85	252	2046883	149.36	ng	99
89) Benzo(a)pyrene	20.17	252	948783	59.94	ng	98
90) Dibenzo(a,h)anthracene	21.50	278	858296	63.93	ng	99
91) Benzo(g,h,i)perylene	21.86	276	862464	64.05	ng	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.62 min Scan# 528

Delta R.T. 0.01 min

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SSTDIC060

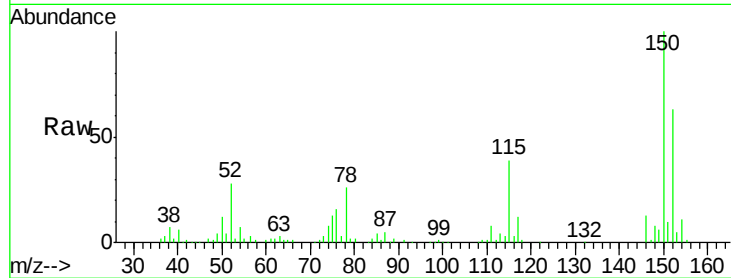
Tgt Ion:152 Resp: 145802

Ion Ratio Lower Upper

152 100

150 157.9 125.8 188.6

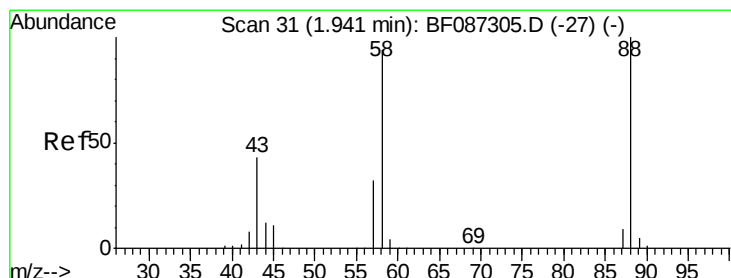
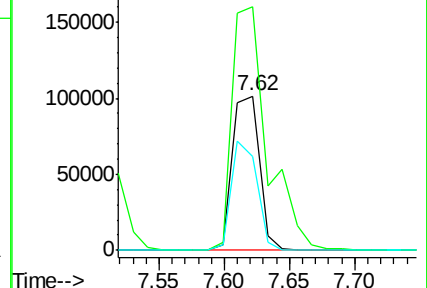
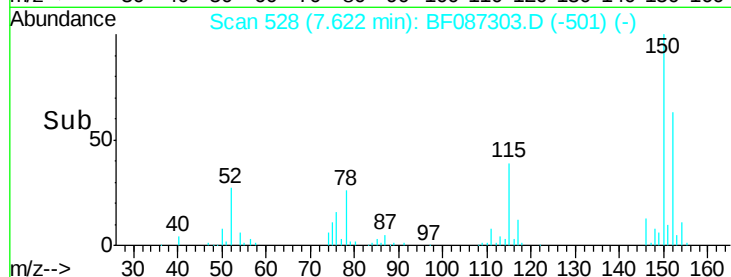
115 61.0 51.5 77.3



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: 57.57 ng

RT: 1.94 min Scan# 31

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

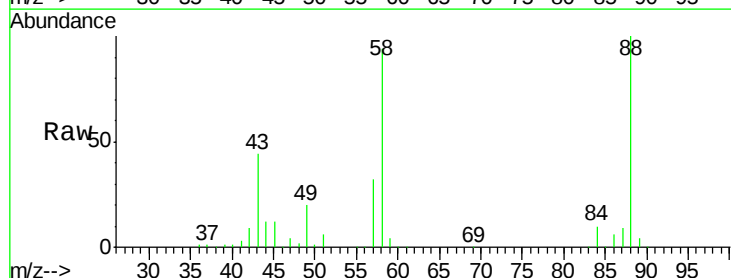
Tgt Ion: 88 Resp: 254624

Ion Ratio Lower Upper

88 100

58 95.0 59.6 89.4#

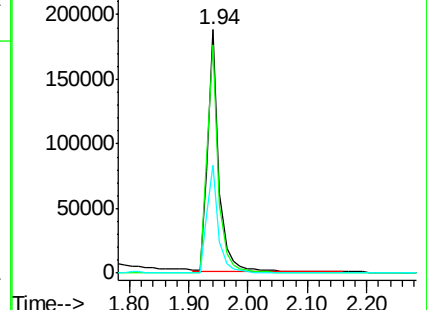
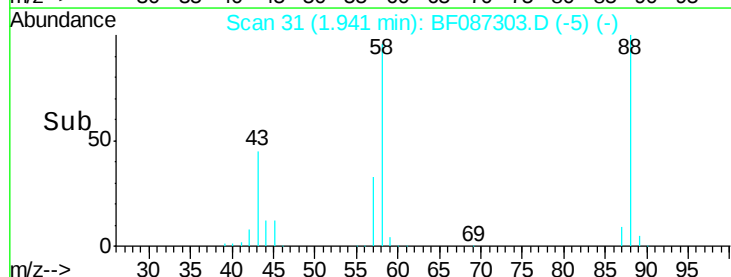
43 46.1 21.8 32.6#

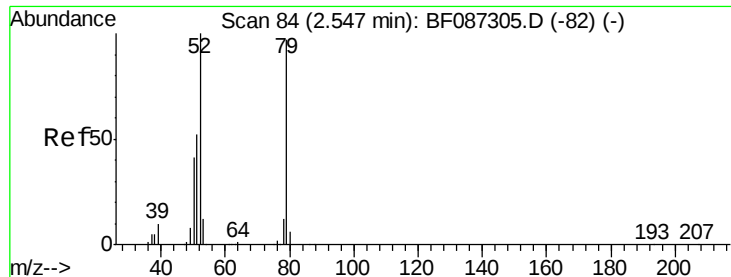


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 57.64 ng

RT: 2.55 min Scan# 84

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

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SSTDICC060

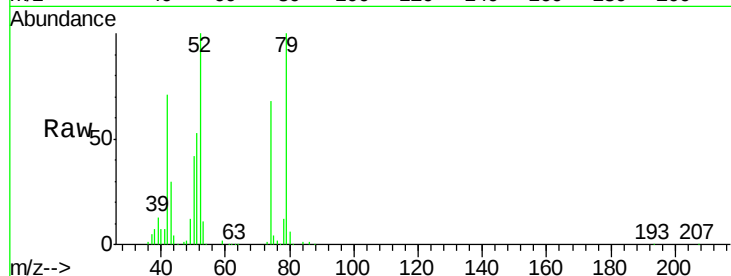
Tgt Ion: 79 Resp: 609486

Ion Ratio Lower Upper

79 100

52 100.5 55.9 83.9#

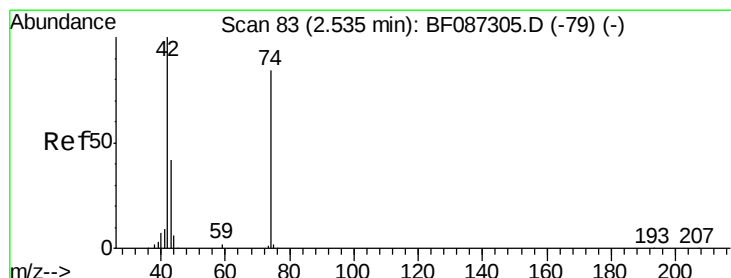
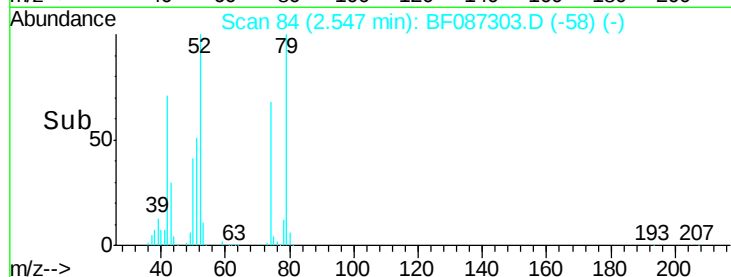
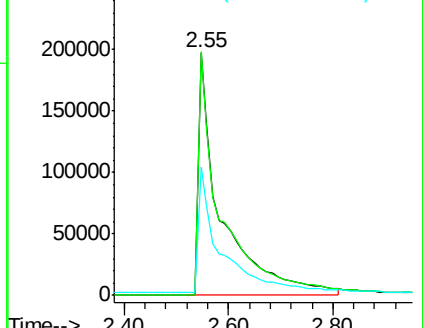
51 53.1 28.1 42.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 61.35 ng

RT: 2.54 min Scan# 83

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

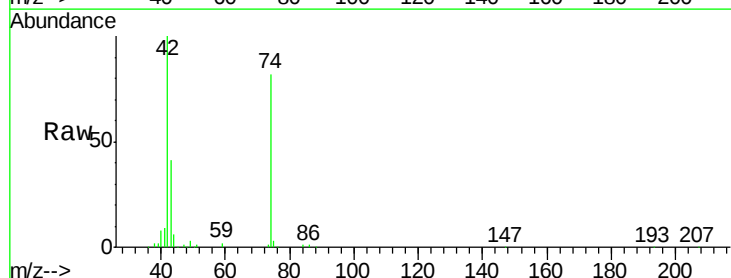
Tgt Ion: 42 Resp: 462735

Ion Ratio Lower Upper

42 100

74 81.7 123.4 185.0#

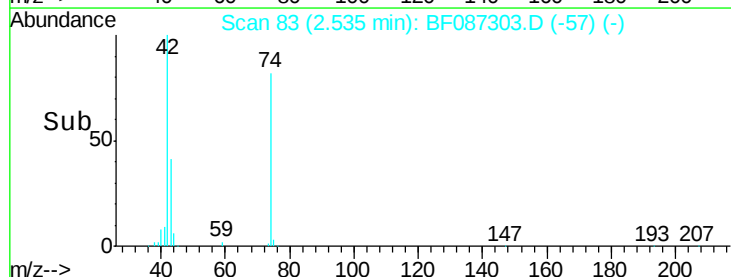
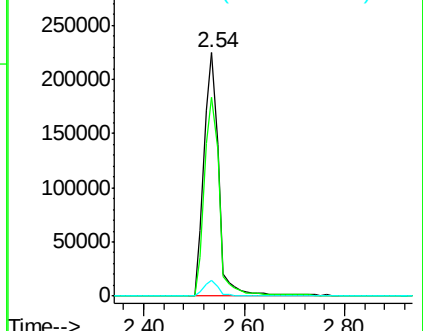
44 6.2 5.8 8.6

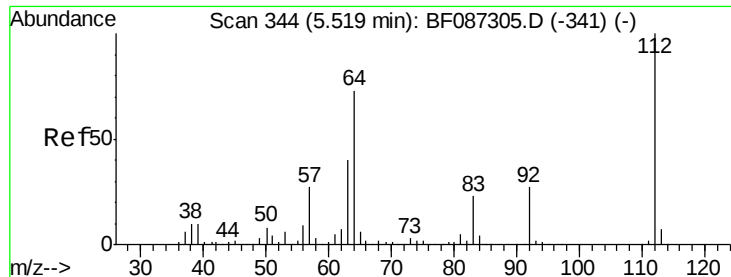


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 121.76 ng

RT: 5.52 min Scan# 344

Delta R.T. -0.00 min

Lab File: BF087303.D

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SSTDICC060

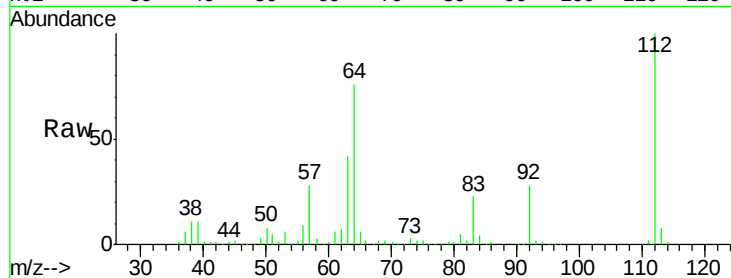
Tgt Ion: 112 Resp: 1059199

Ion Ratio Lower Upper

112 100

64 75.8 52.1 78.1

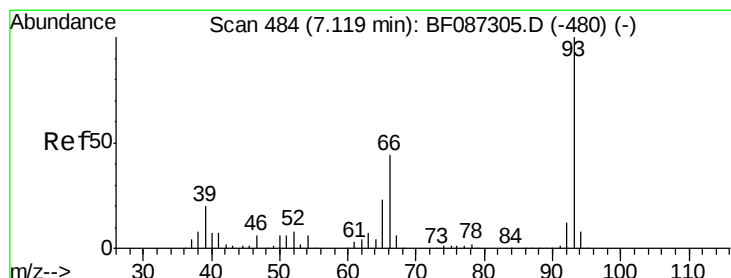
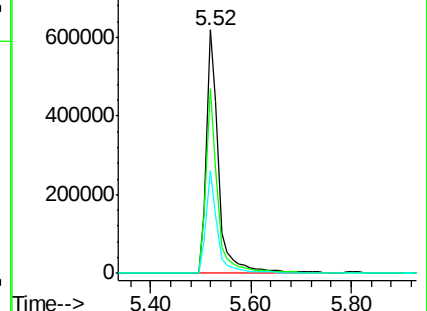
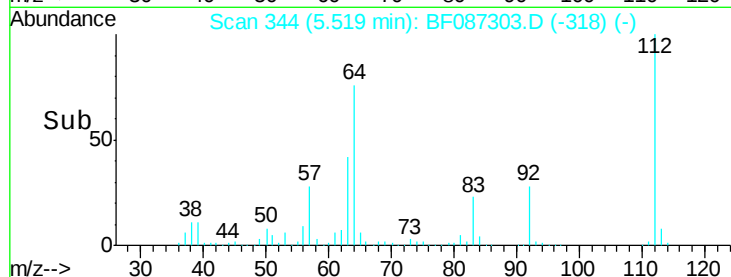
63 42.1 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 59.93 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

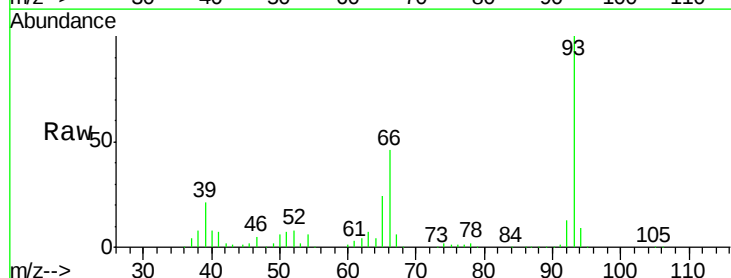
Tgt Ion: 93 Resp: 886992

Ion Ratio Lower Upper

93 100

66 45.8 39.0 58.6

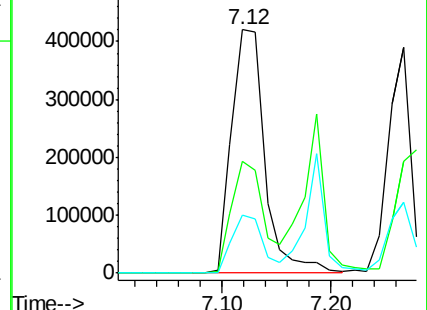
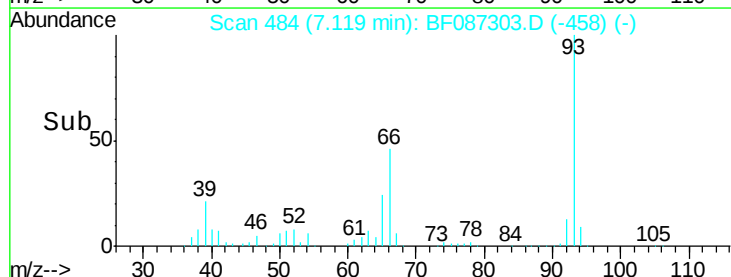
65 23.7 20.6 31.0

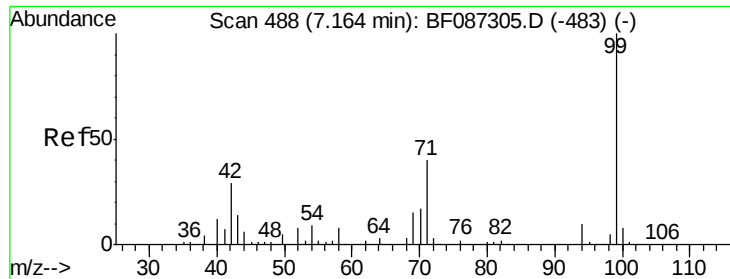


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.34 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.00 min

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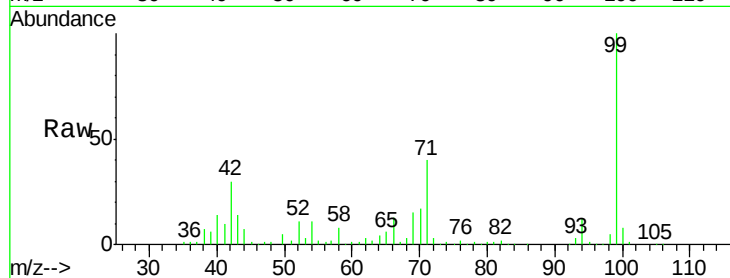
Tgt Ion: 99 Resp: 1379072

Ion Ratio Lower Upper

99 100

42 30.3 13.6 20.4#

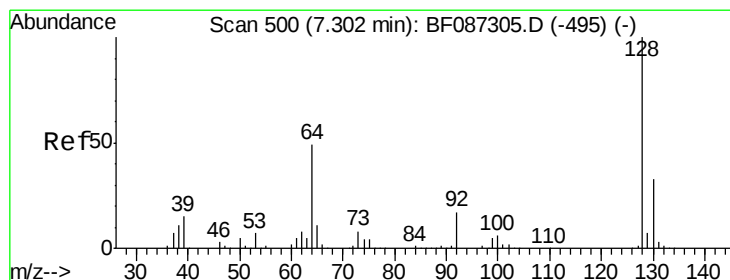
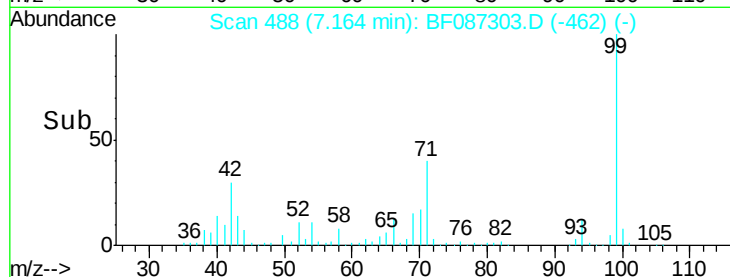
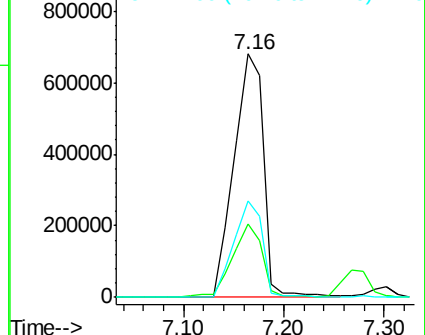
71 39.9 24.6 36.8#



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: 58.47 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.00 min

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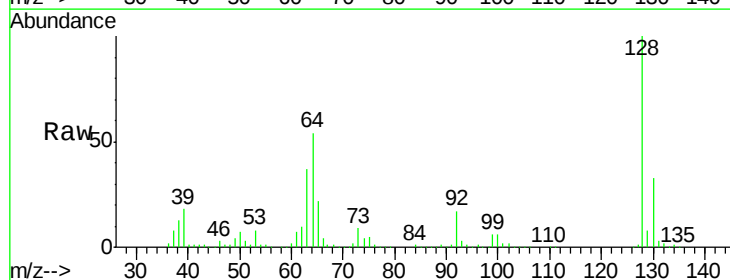
Tgt Ion: 128 Resp: 614800

Ion Ratio Lower Upper

128 100

130 32.9 12.5 52.5

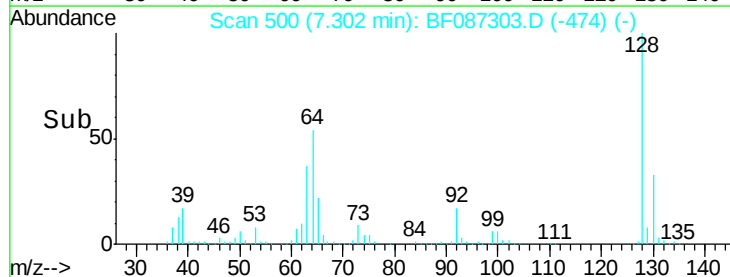
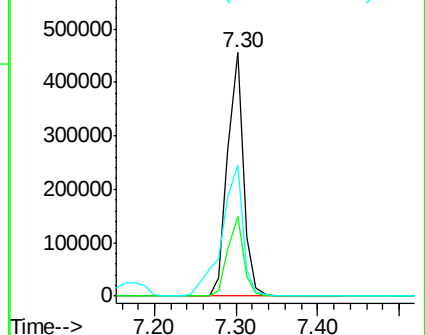
64 53.9 27.3 67.3

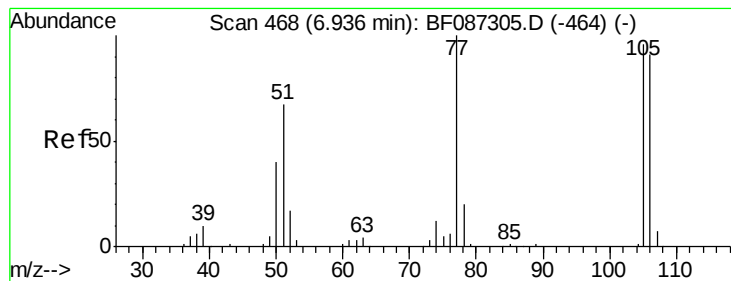


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 46.61 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.00 min

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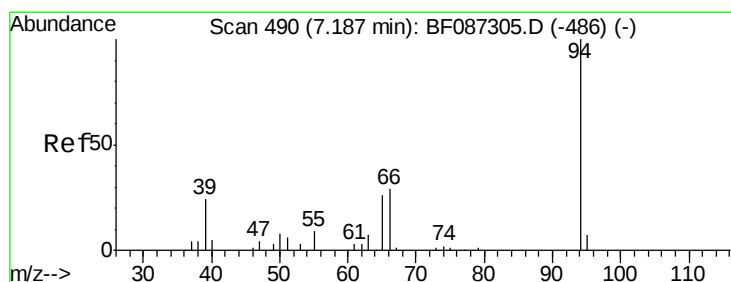
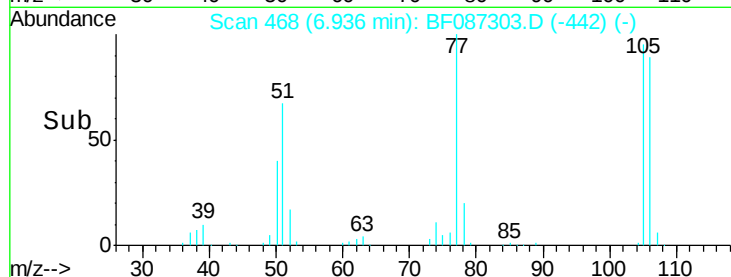
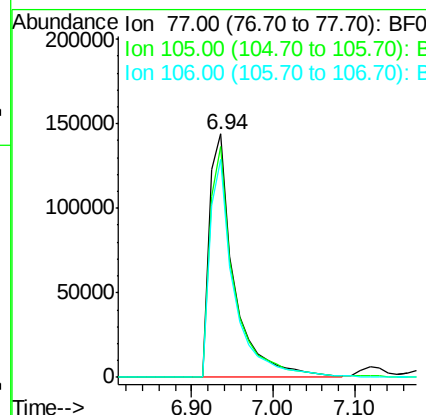
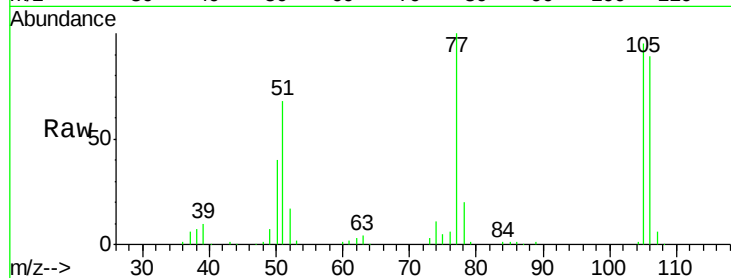
Tgt Ion: 77 Resp: 306140

Ion Ratio Lower Upper

77 100

105 94.7 72.7 112.7

106 89.5 70.8 110.8



#10

Phenol

Concen: 50.03 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

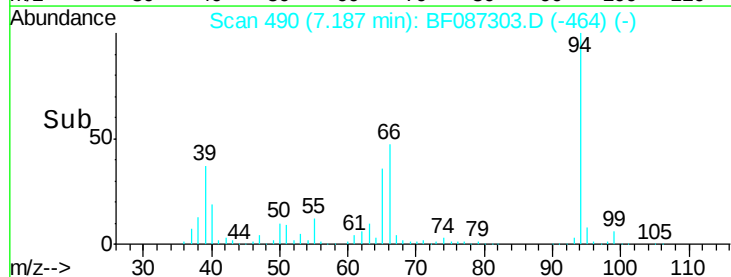
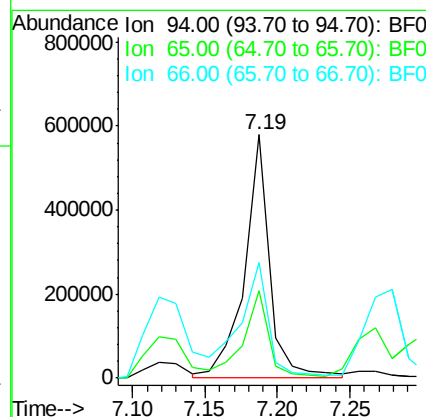
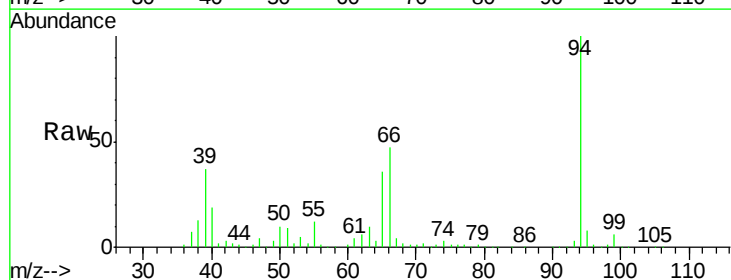
Tgt Ion: 94 Resp: 702952

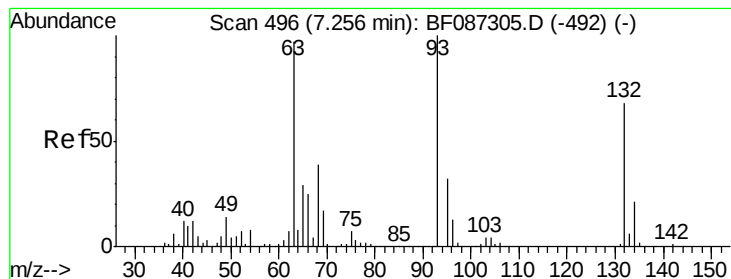
Ion Ratio Lower Upper

94 100

65 35.8 7.2 47.2

66 47.3 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 53.30 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

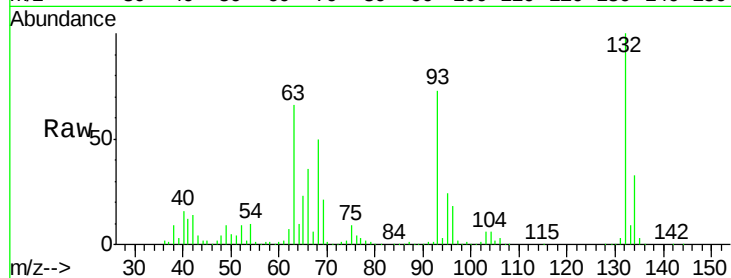
Tgt Ion: 93 Resp: 584854

Ion Ratio Lower Upper

93 100

63 90.0 58.0 98.0

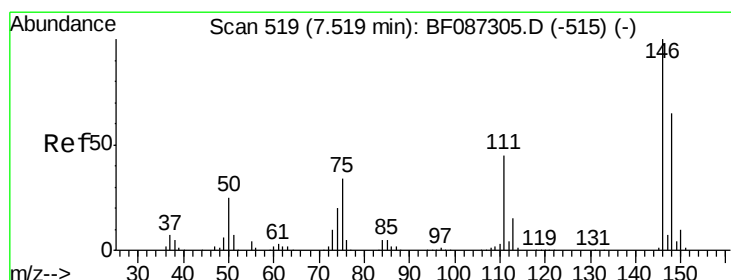
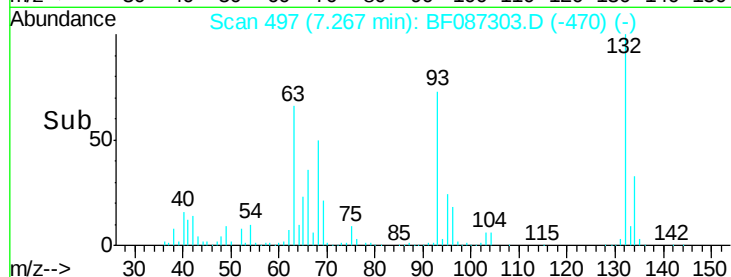
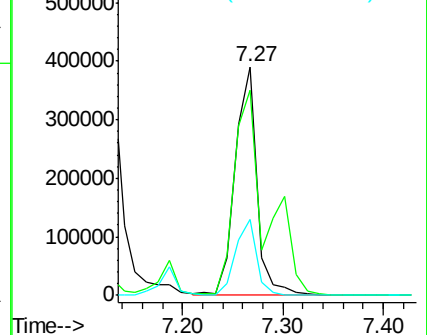
95 33.0 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 60.56 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

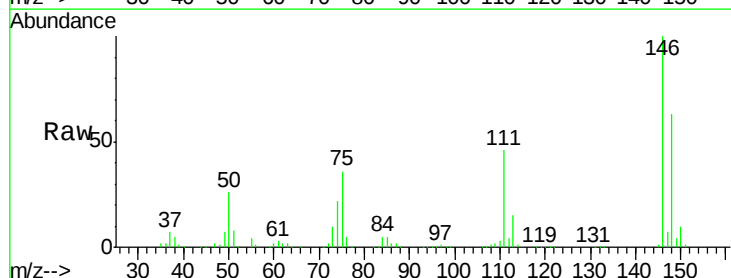
Tgt Ion: 146 Resp: 676289

Ion Ratio Lower Upper

146 100

148 63.2 52.4 78.6

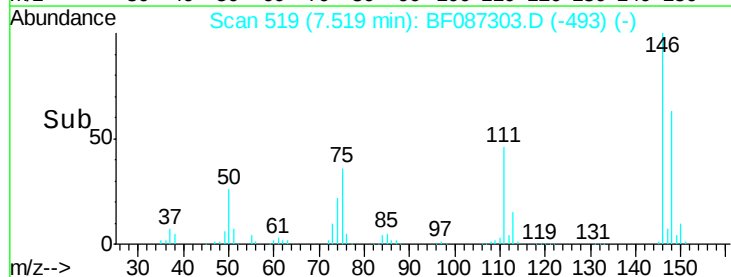
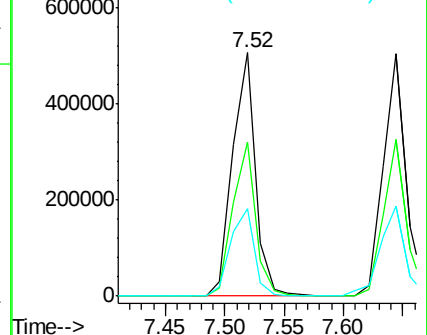
75 35.8 22.8 34.2#

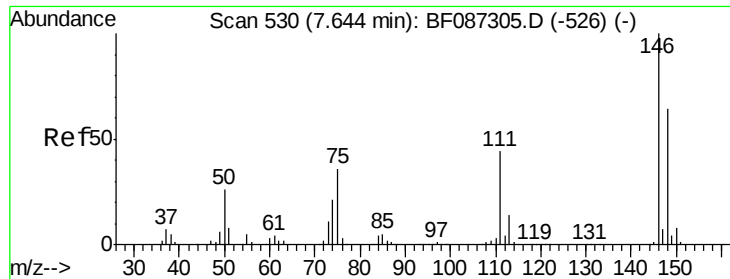


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

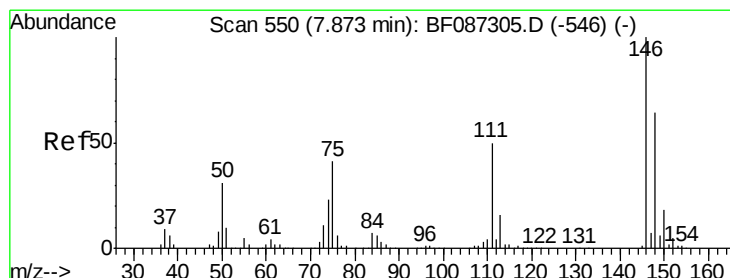
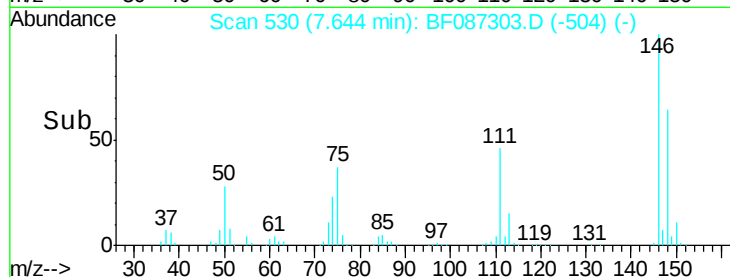
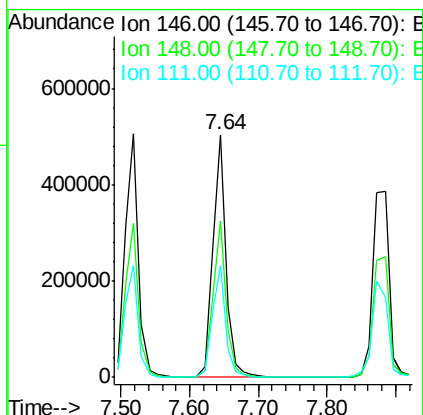
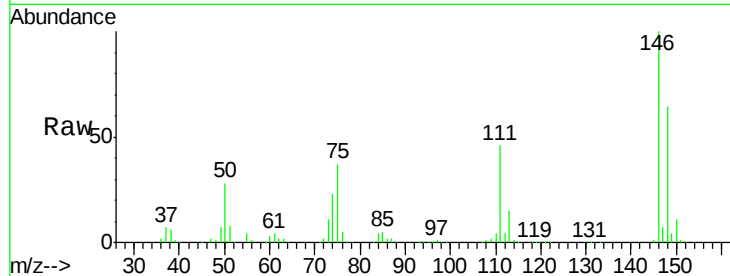




#13
 1,4-Dichlorobenzene
 Concen: 59.44 ng
 RT: 7.64 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

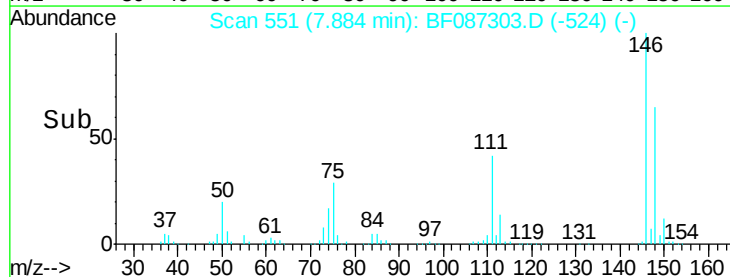
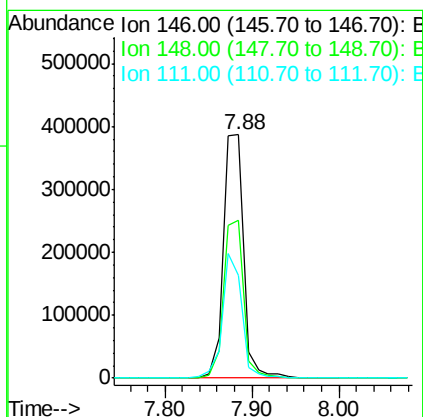
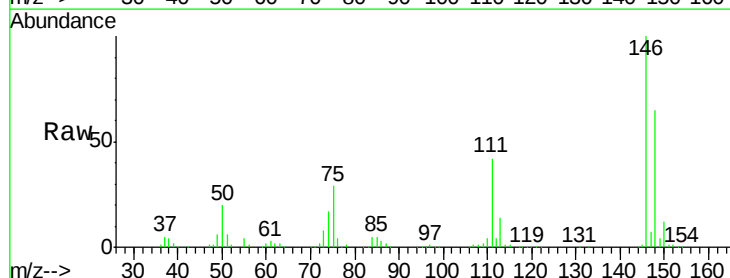
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

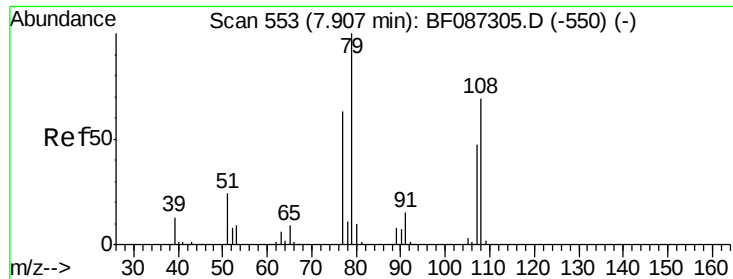
Tgt Ion:146 Resp: 681411
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.4
 111 46.0 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 61.33 ng
 RT: 7.88 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

Tgt Ion:146 Resp: 626317
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.0 76.6
 111 42.5 36.2 54.4





#15

Benzyl Alcohol

Concen: 61.21 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

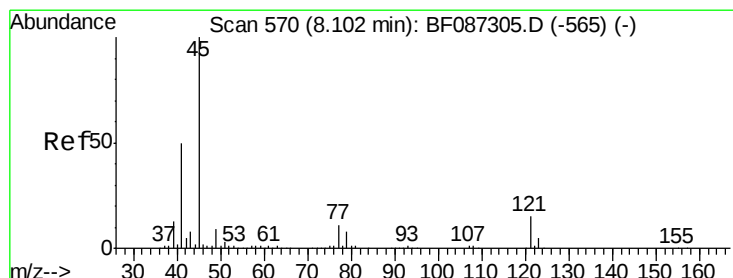
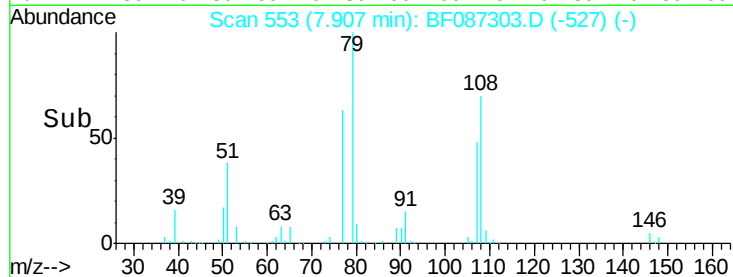
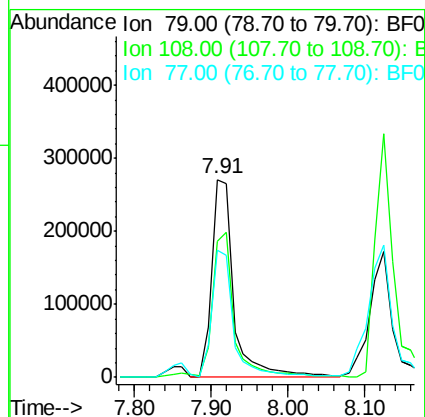
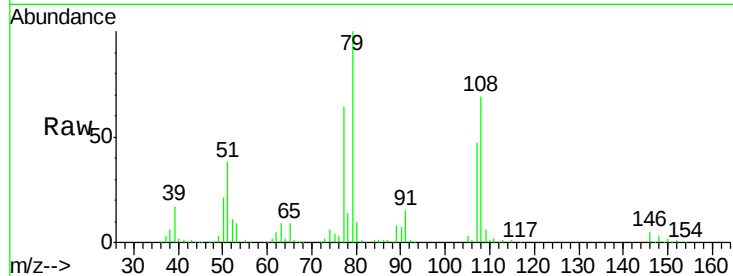
Tgt Ion: 79 Resp: 526898

Ion Ratio Lower Upper

79 100

108 68.8 68.4 102.6

77 64.2 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 57.35 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

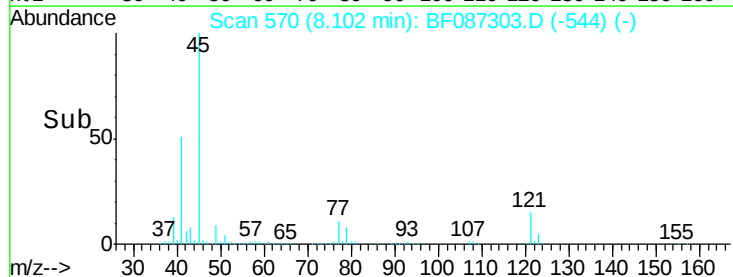
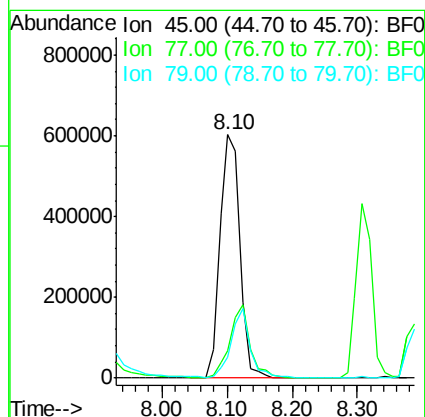
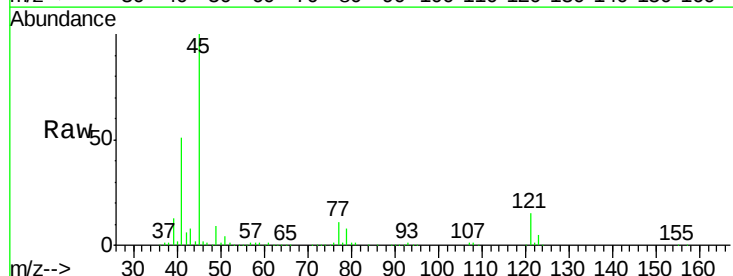
Tgt Ion: 45 Resp: 1296903

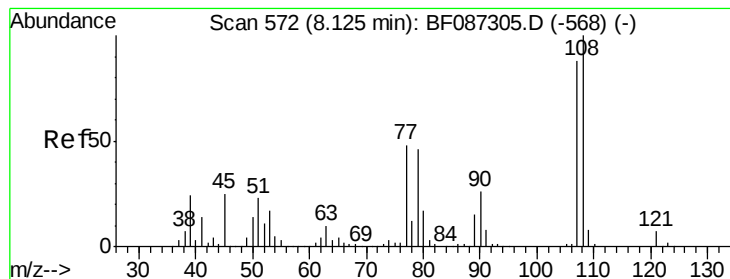
Ion Ratio Lower Upper

45 100

77 11.1 0.0 36.4

79 8.5 0.0 33.4





#17

2-Methylphenol

Concen: 57.03 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:107 Resp: 489811

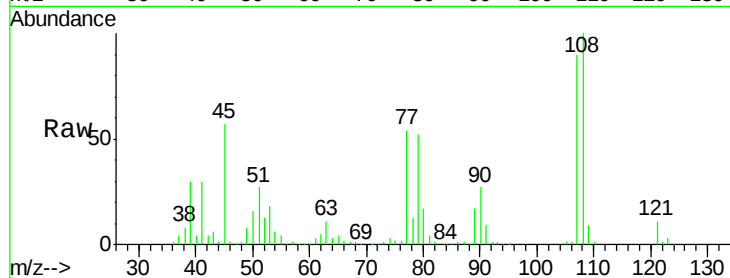
Ion Ratio Lower Upper

107 100

108 110.6 93.7 140.5

77 60.2 33.4 50.0#

79 57.3 34.3 51.5#



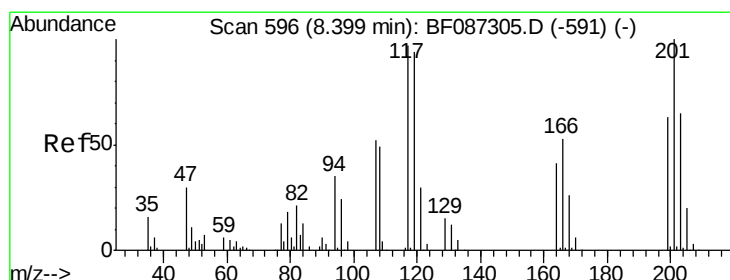
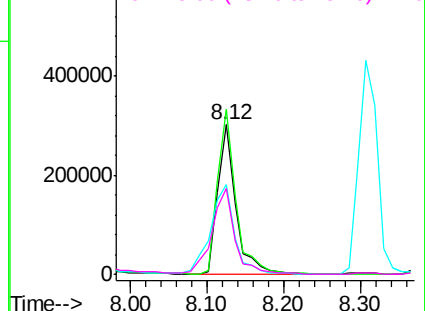
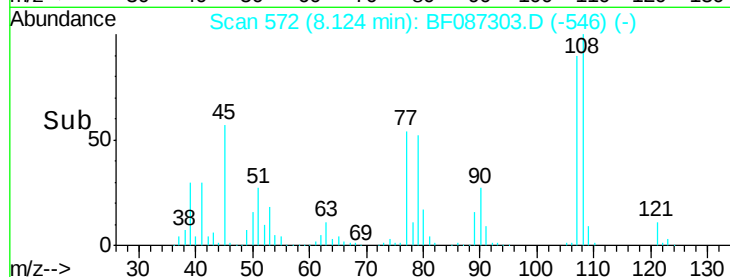
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 58.65 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

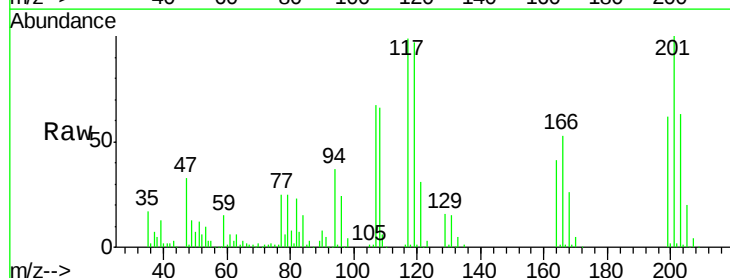
Tgt Ion:117 Resp: 255753

Ion Ratio Lower Upper

117 100

119 98.0 76.5 114.7

201 101.2 63.0 94.6#

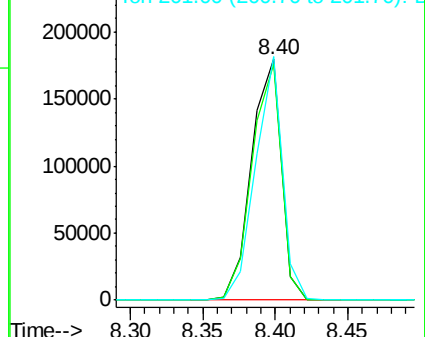
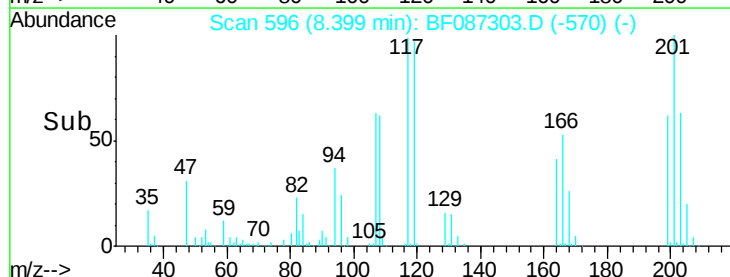


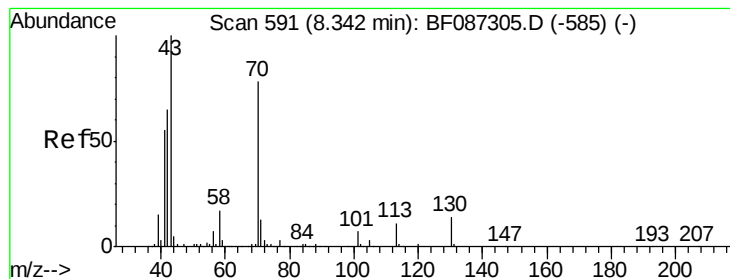
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 59.01 ng

RT: 8.34 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 513022

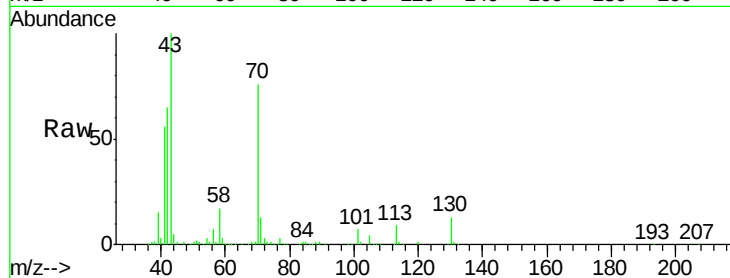
Ion Ratio Lower Upper

70 100

42 85.5 43.1 64.7#

101 8.6 8.1 12.1

130 17.5 18.6 28.0#



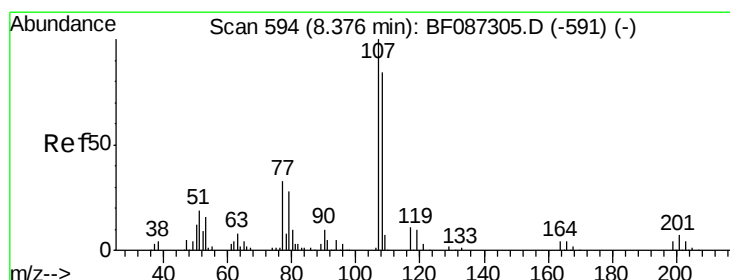
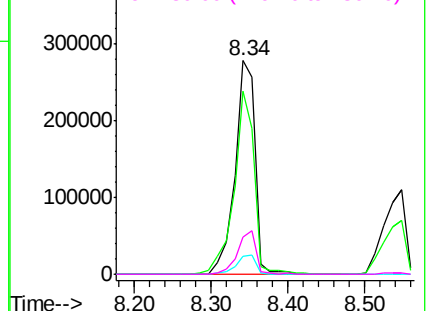
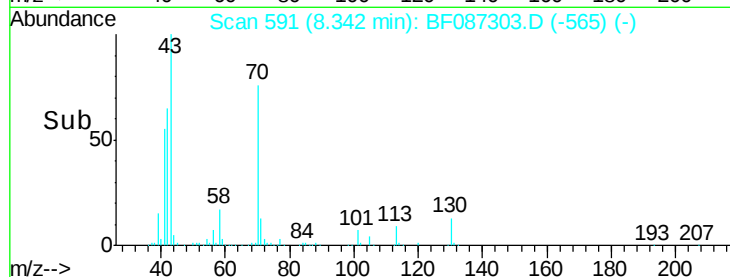
Abundance

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): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 54.83 ng

RT: 8.39 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Tgt Ion: 107 Resp: 616283

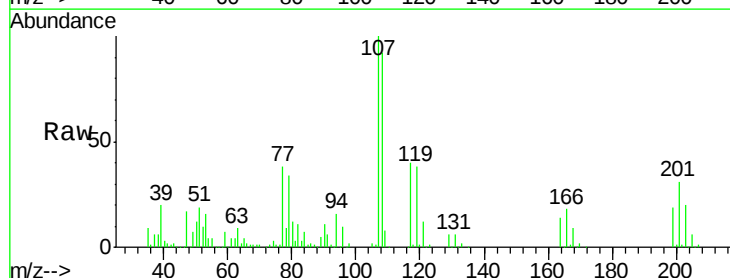
Ion Ratio Lower Upper

107 100

108 91.9 68.5 108.5

77 38.0 101.6 141.6#

79 34.1 7.4 47.4



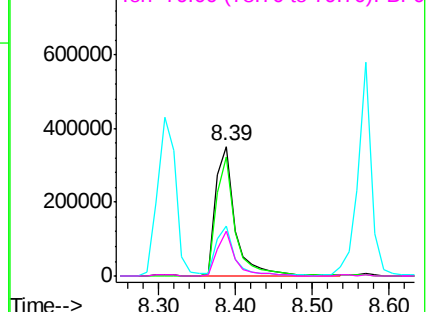
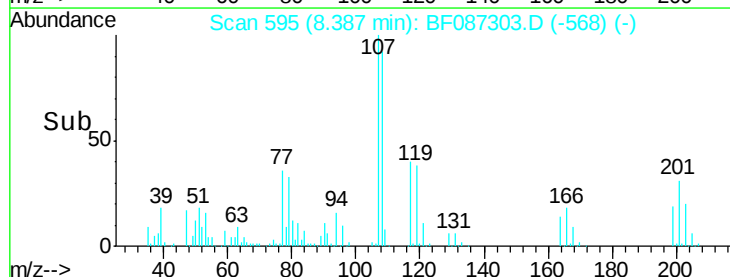
Abundance

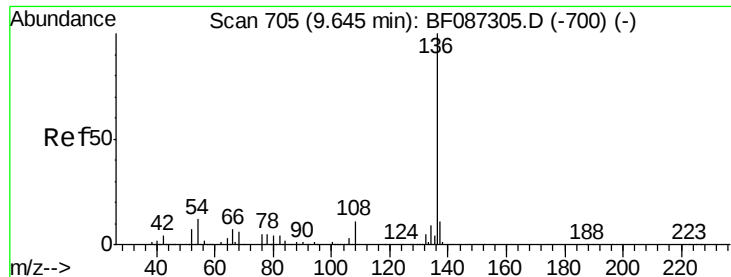
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

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: 9.64 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 603562

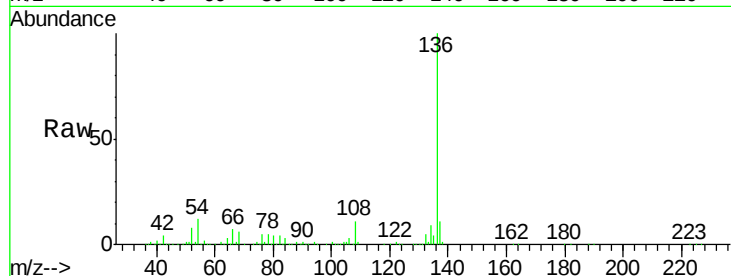
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 12.4 5.0 7.4#

68 6.2 4.4 6.6

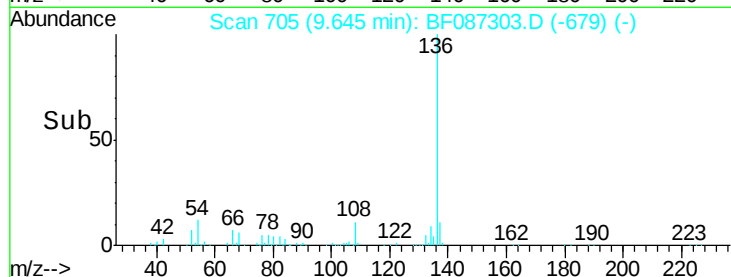


Abundance Ion 136.00 (135.70 to 136.70): E

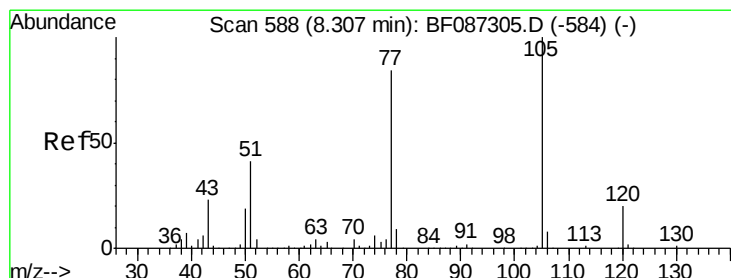
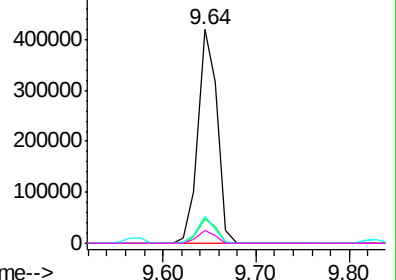
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 60.03 ng

RT: 8.31 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Tgt Ion:105 Resp: 882386

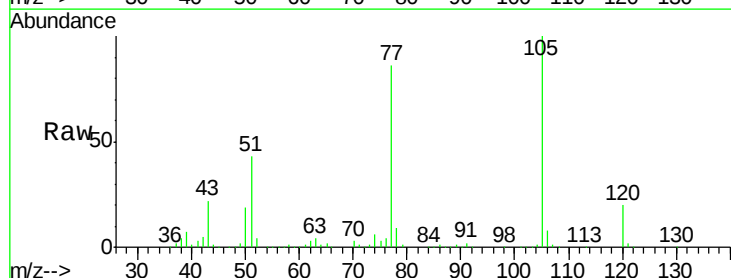
Ion Ratio Lower Upper

105 100

71 0.5 4.8 7.2#

51 42.8 32.6 49.0

120 20.2 16.5 24.7

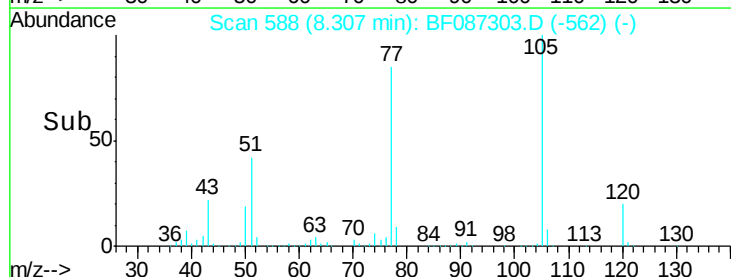


Abundance Ion 105.00 (104.70 to 105.70): E

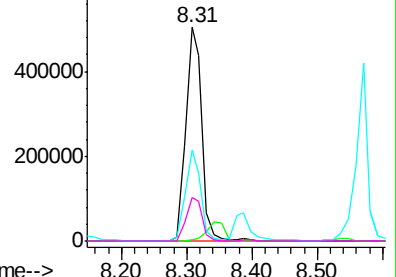
Ion 71.00 (70.70 to 71.70): BF0

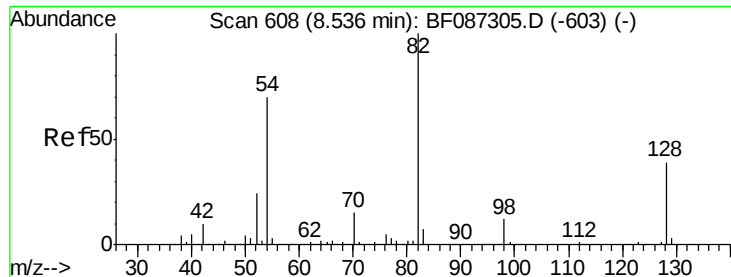
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

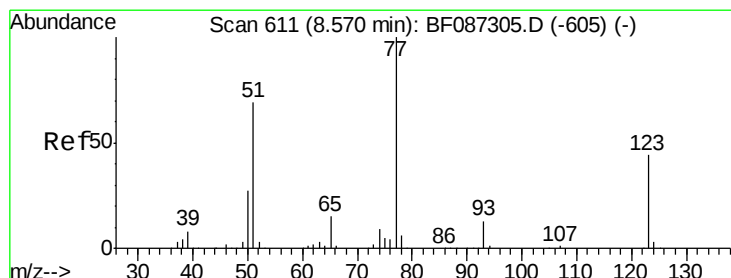
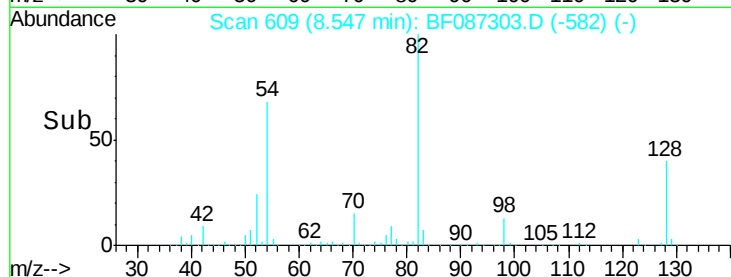
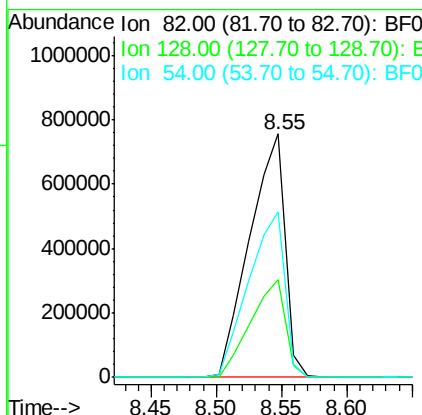
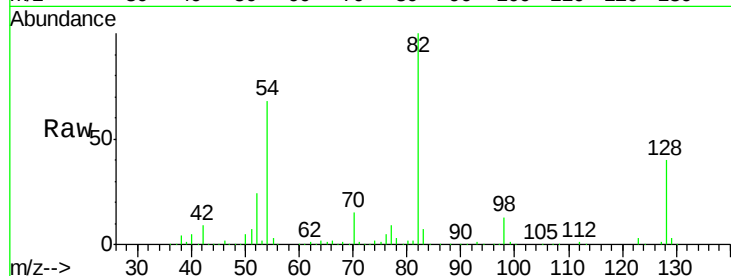




#23
 Nitrobenzene-d5
 Concen: 117.33 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

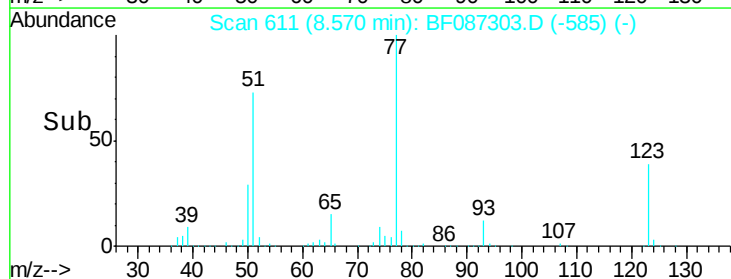
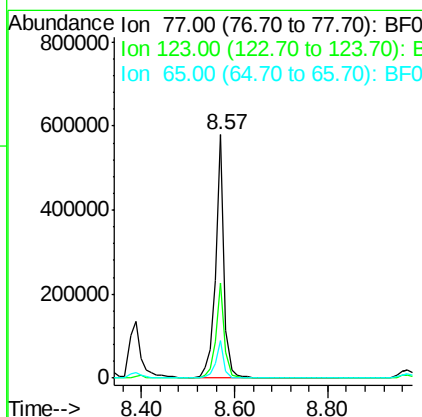
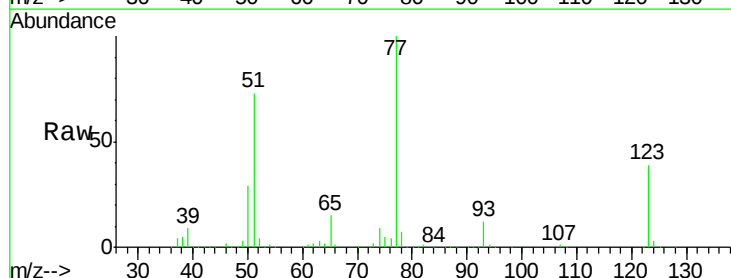
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

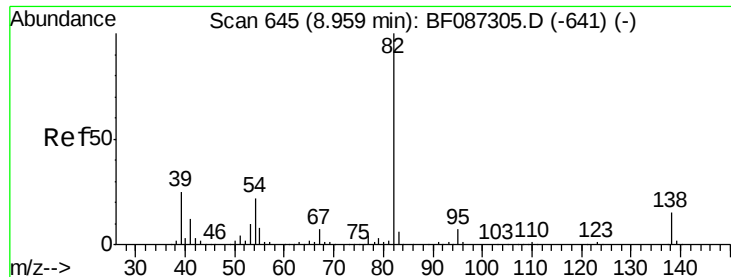
Tgt Ion: 82 Resp: 1432269
 Ion Ratio Lower Upper
 82 100
 128 40.1 40.6 61.0#
 54 68.1 38.1 57.1#



#24
 Nitrobenzene
 Concen: 55.43 ng
 RT: 8.57 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

Tgt Ion: 77 Resp: 726811
 Ion Ratio Lower Upper
 77 100
 123 39.3 33.0 49.4
 65 15.3 10.8 16.2





#25

Isophorone

Concen: 58.33 ng

RT: 8.97 min Scan# 646

Delta R.T. 0.01 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

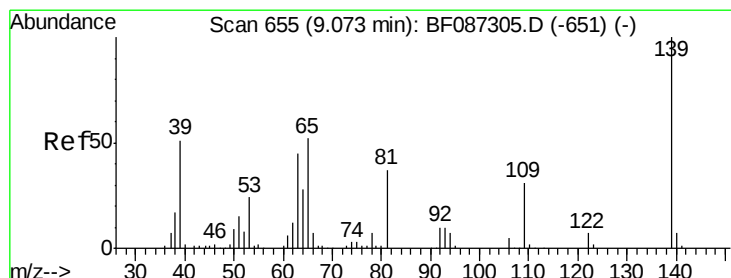
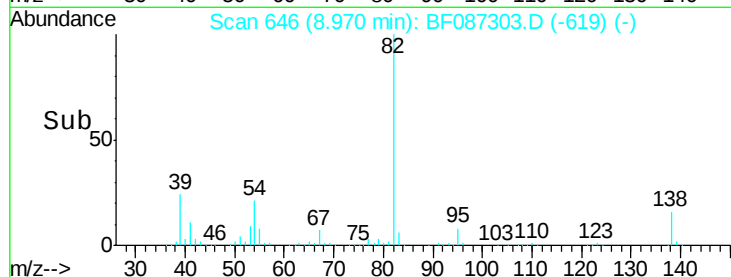
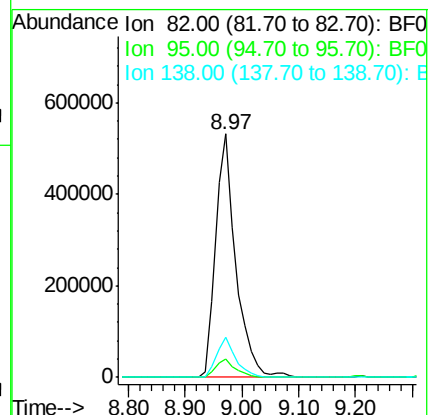
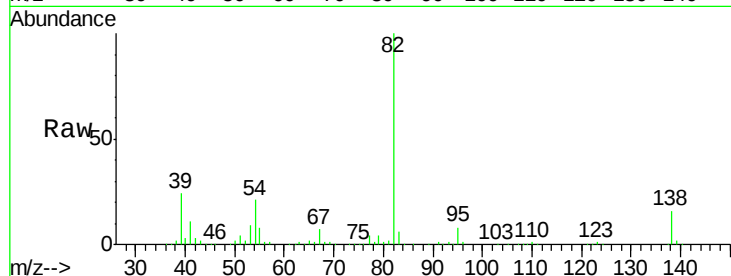
Tgt Ion: 82 Resp: 1290212

Ion Ratio Lower Upper

82 100

95 7.6 5.1 7.7

138 16.5 12.4 18.6



#26

2-Nitrophenol

Concen: 60.06 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

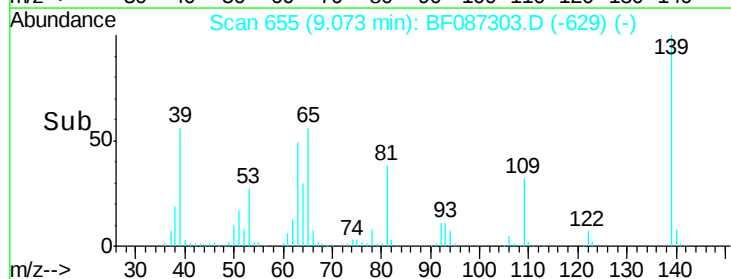
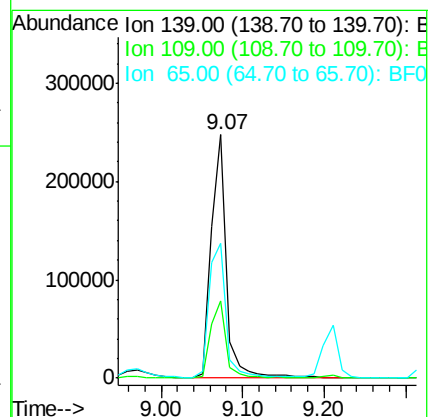
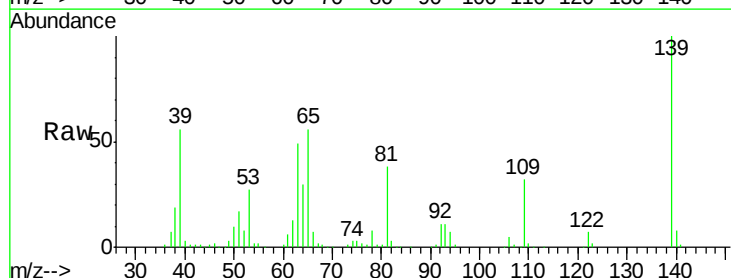
Tgt Ion: 139 Resp: 330479

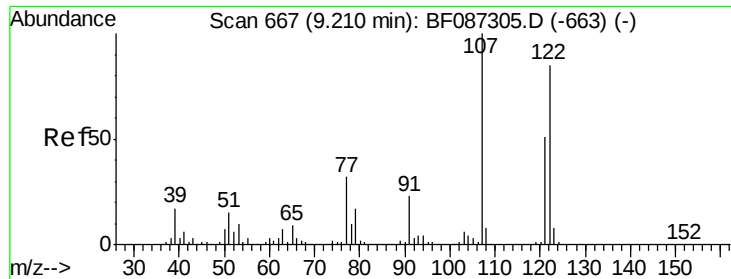
Ion Ratio Lower Upper

139 100

109 31.9 19.5 29.3#

65 55.6 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 57.03 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

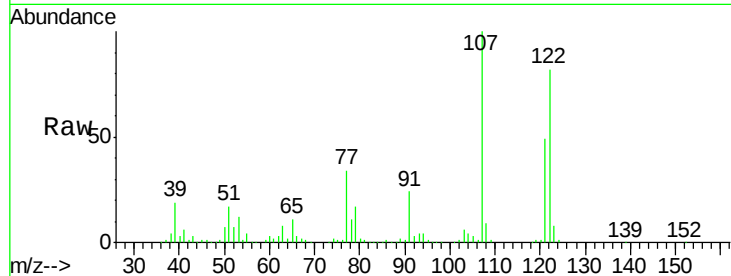
Tgt Ion:122 Resp: 533321

Ion Ratio Lower Upper

122 100

107 121.4 82.0 123.0

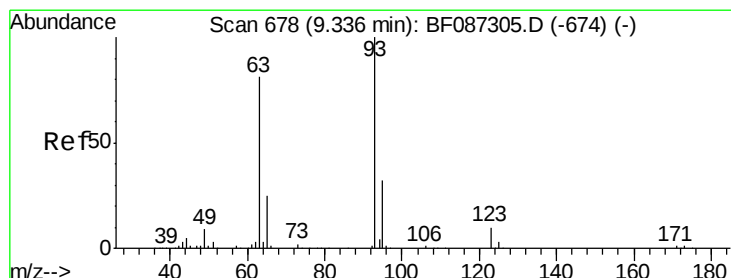
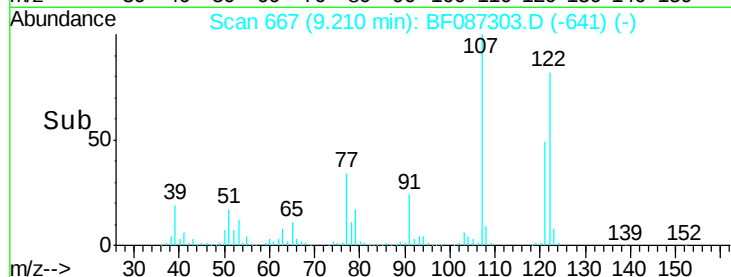
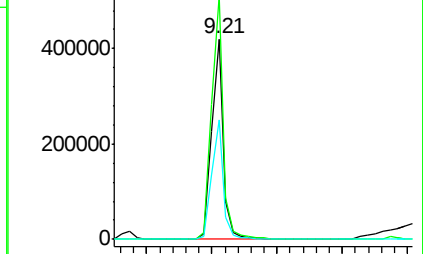
121 59.5 46.1 69.1



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: 58.34 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

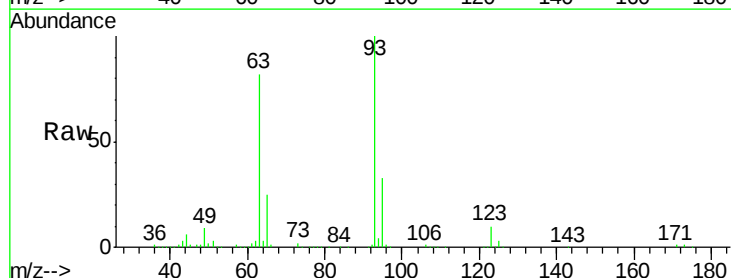
Tgt Ion: 93 Resp: 701264

Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

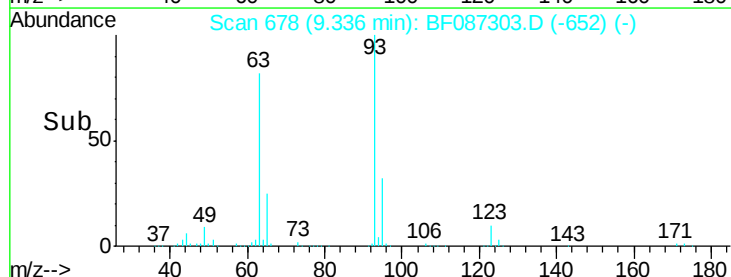
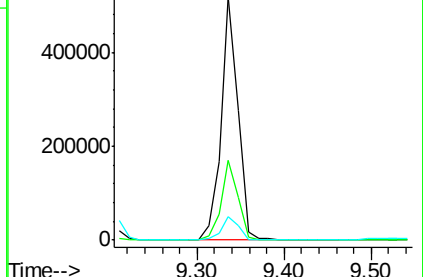
123 9.7 9.5 14.3

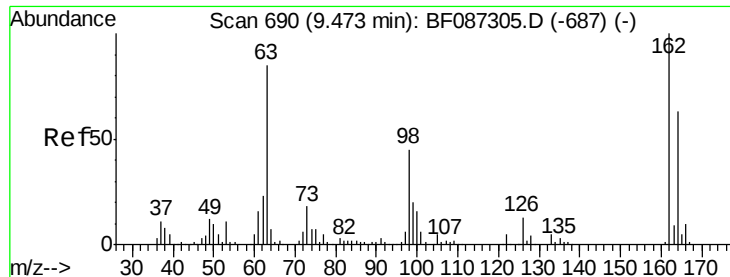


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

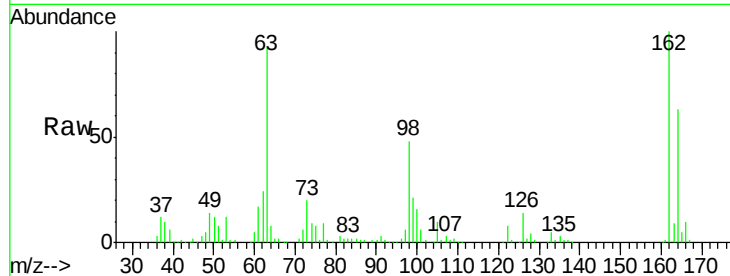




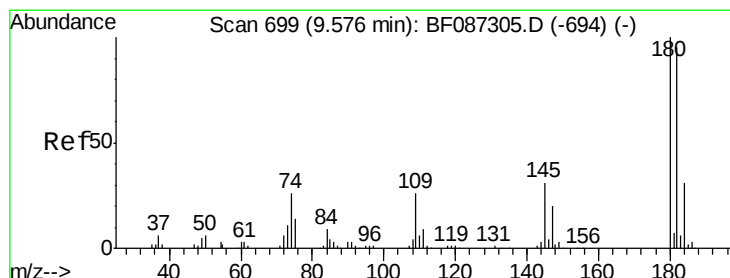
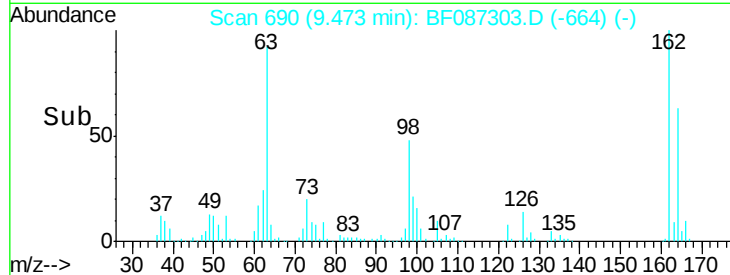
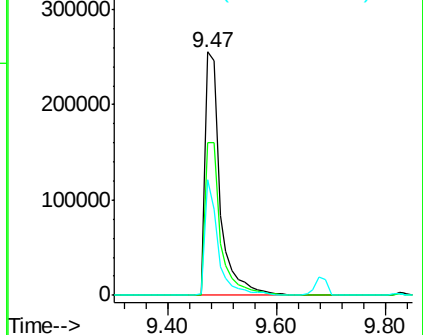
#29
 2,4-Dichlorophenol
 Concen: 59.35 ng
 RT: 9.47 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.2	82.2
98	47.6	19.0	59.0

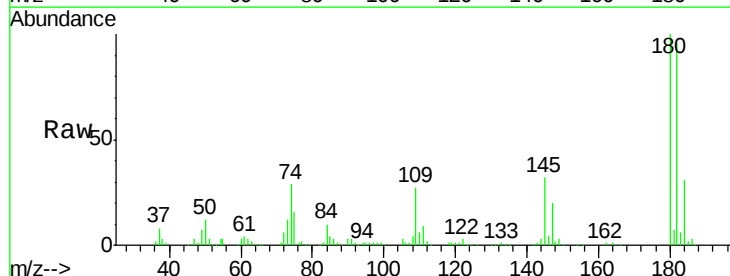


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

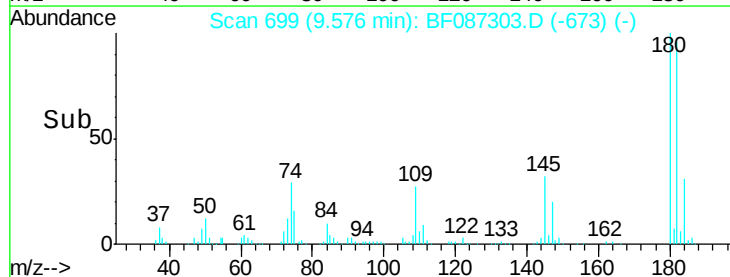
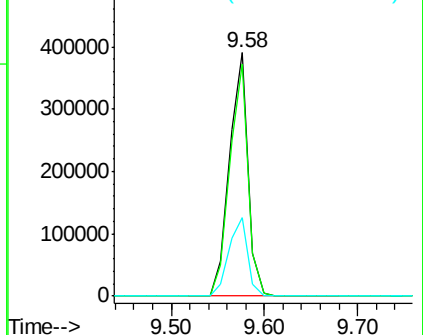


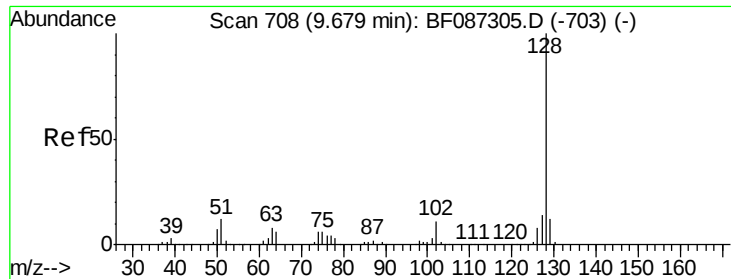
#30
 1,2,4-Trichlorobenzene
 Concen: 58.89 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	78.0	117.0
145	32.2	24.2	36.2



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

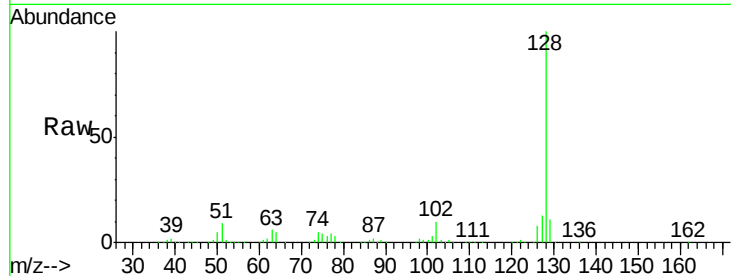




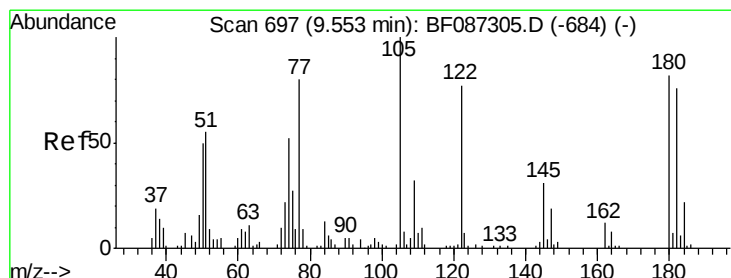
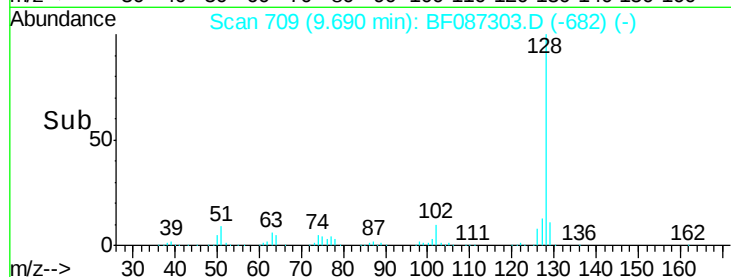
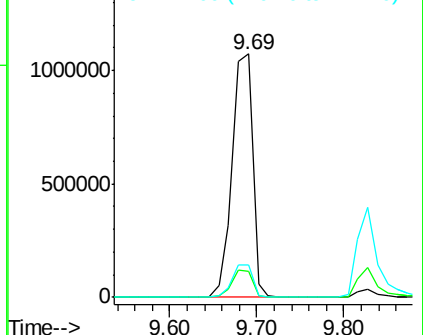
#31
Naphthalene
Concen: 59.32 ng
RT: 9.69 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF087303.D
Acq: 23 May 2016 16:35

Instrument :
BNA_F
ClientSampled :
SSTDICC060

Tgt Ion:128 Resp: 1759593
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.5 10.8 16.2

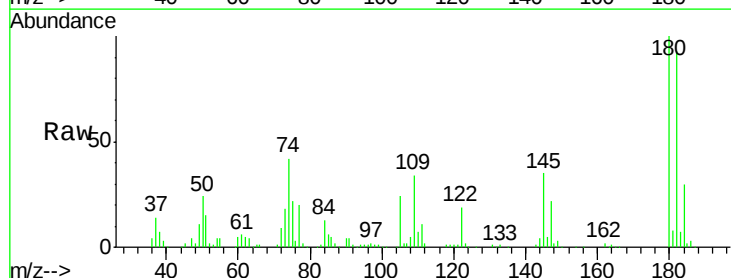


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

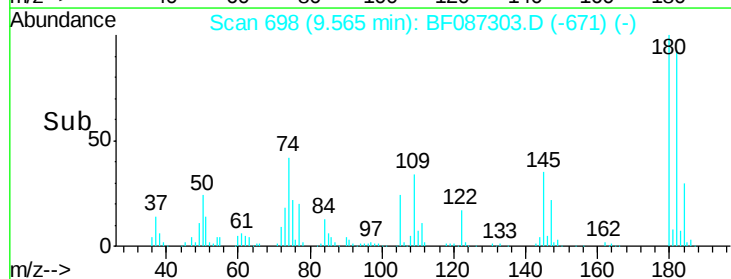
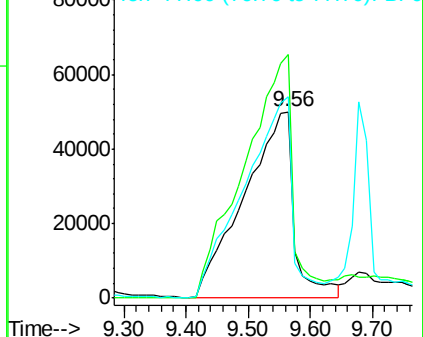


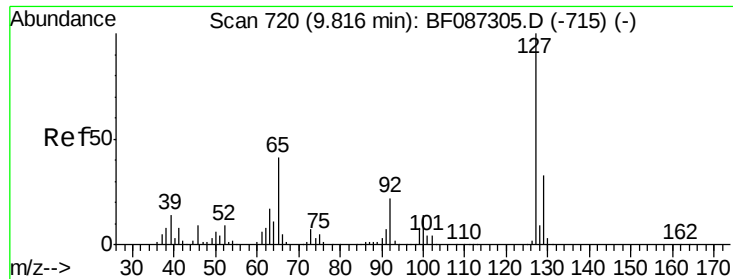
#32
Benzoic acid
Concen: 52.20 ng
RT: 9.56 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF087303.D
Acq: 23 May 2016 16:35

Tgt Ion:122 Resp: 281443
Ion Ratio Lower Upper
122 100
105 130.7 92.6 132.6
77 108.4 60.0 100.0#



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

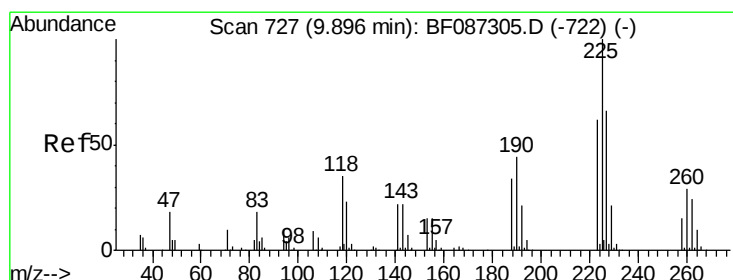
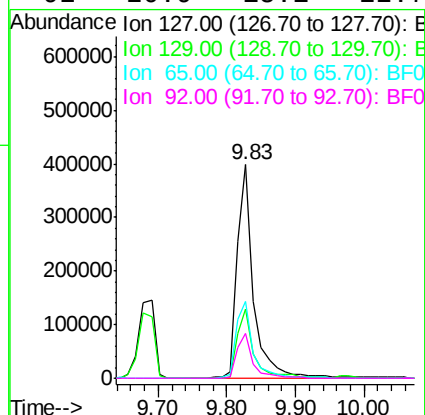
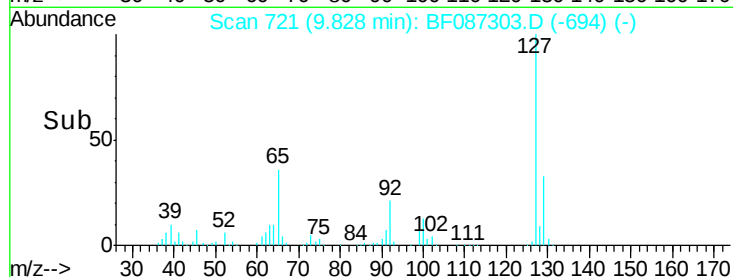
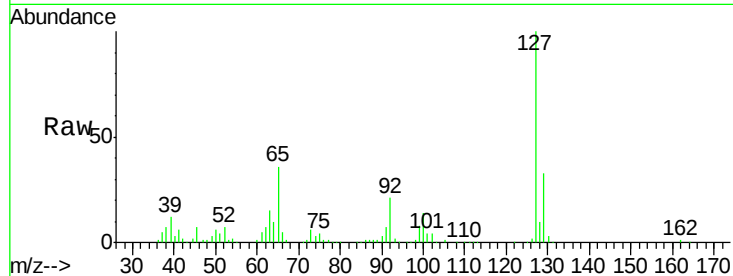




#33
4-Chloroaniline
Concen: 54.30 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF087303.D
Acq: 23 May 2016 16:35

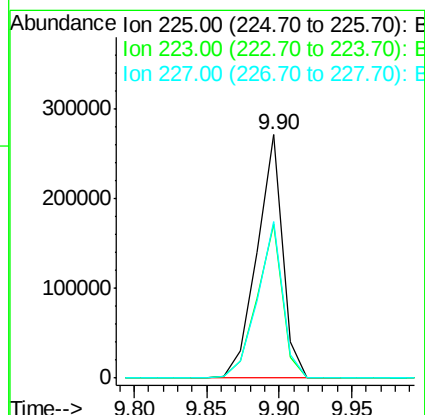
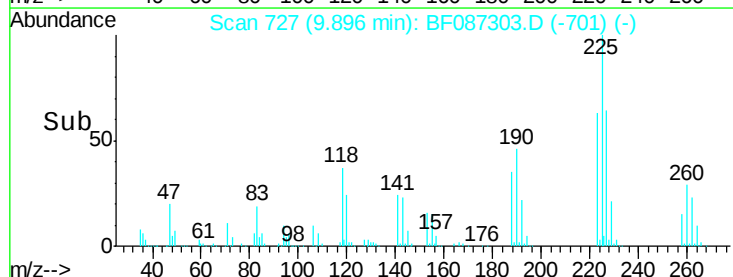
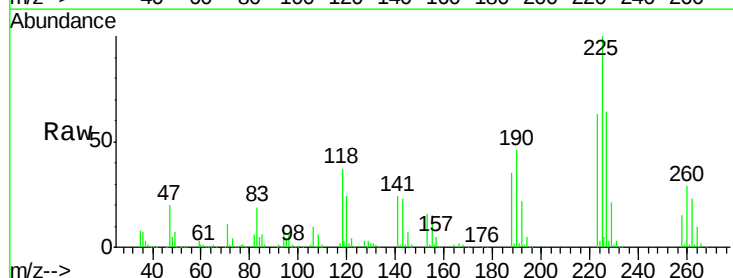
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

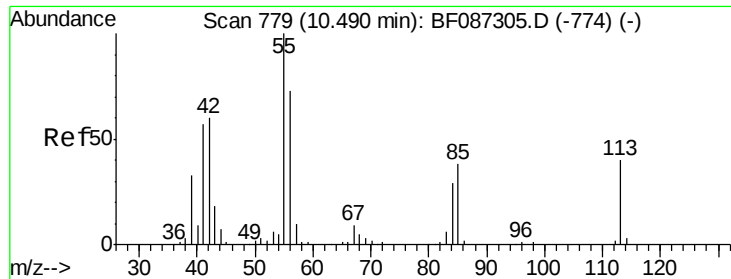
Tgt Ion:	127	Resp:	656138
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	36.2	23.0	34.4
92	20.9	15.1	22.7



#34
Hexachlorobutadiene
Concen: 62.95 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF087303.D
Acq: 23 May 2016 16:35

Tgt Ion:	225	Resp:	333675
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.5	77.3
227	64.2	52.2	78.2

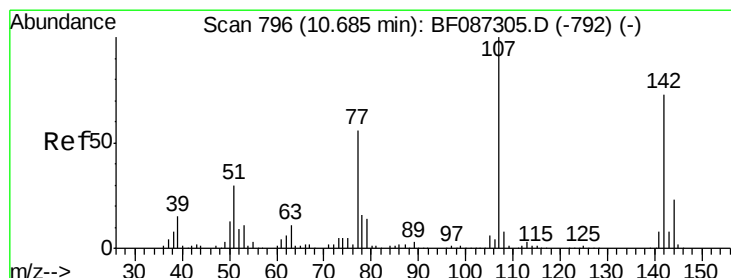
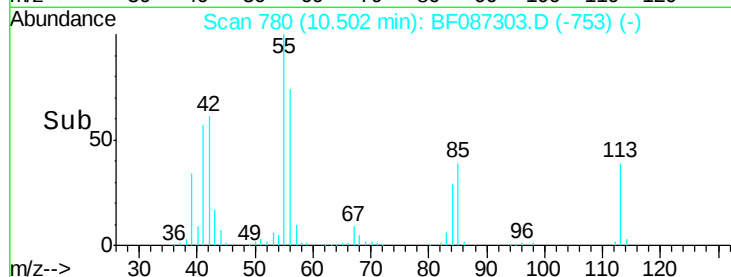
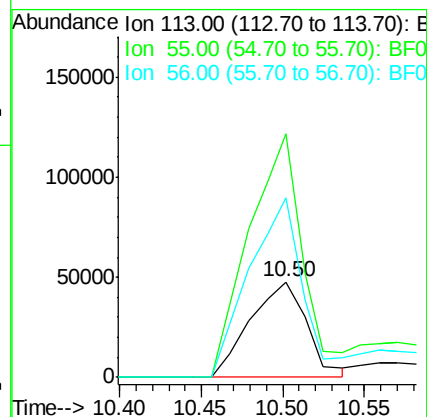
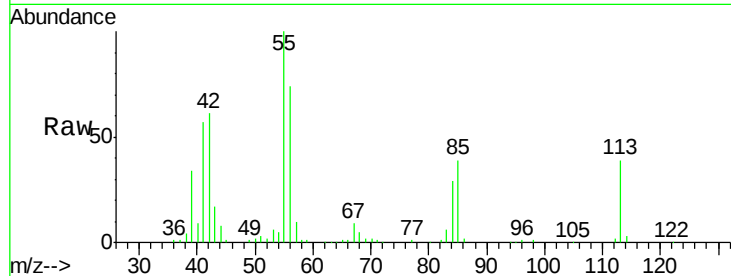




#35
 Caprolactam
 Concen: 44.09 ng
 RT: 10.50 min Scan# 780
 Delta R.T. 0.01 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

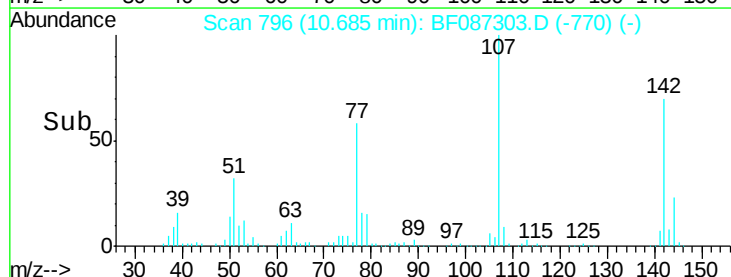
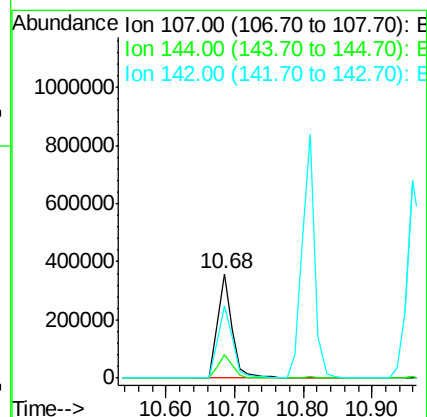
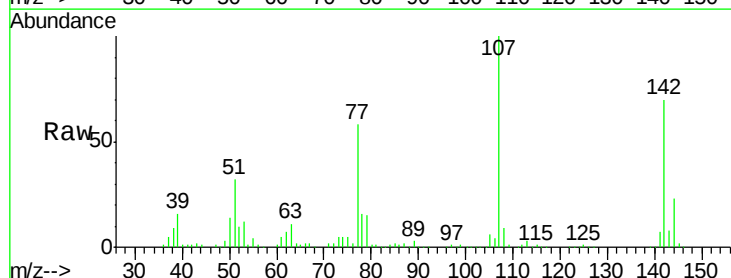
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

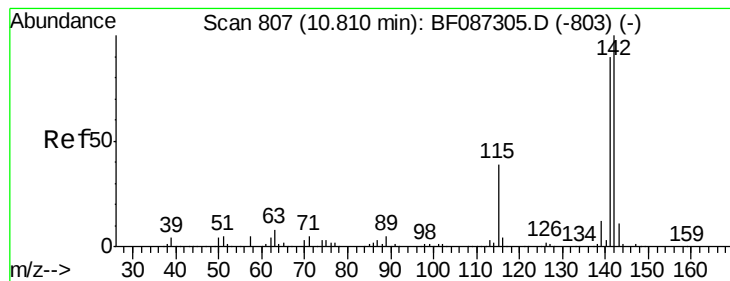
Tgt Ion:113 Resp: 115323
 Ion Ratio Lower Upper
 113 100
 55 255.6 162.0 202.0#
 56 188.5 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 54.52 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

Tgt Ion:107 Resp: 541639
 Ion Ratio Lower Upper
 107 100
 144 22.6 20.7 31.1
 142 69.7 63.2 94.8





#37

2-Methylnaphthalene

Concen: 56.46 ng

RT: 10.81 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

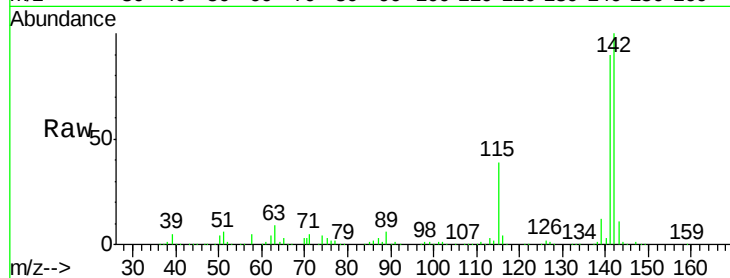
Tgt Ion:142 Resp: 1072035

Ion Ratio Lower Upper

142 100

141 90.2 71.0 106.6

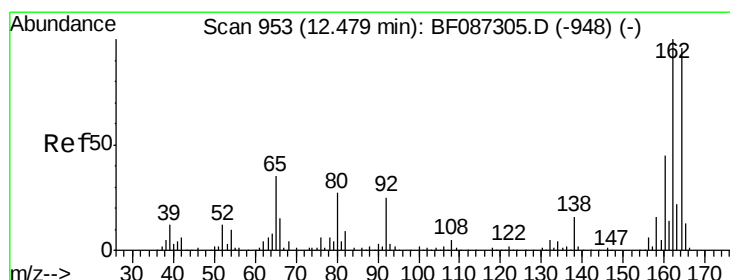
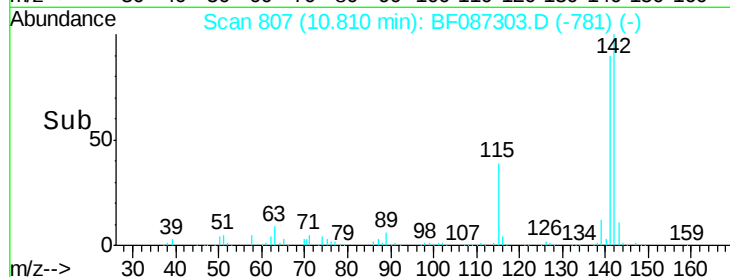
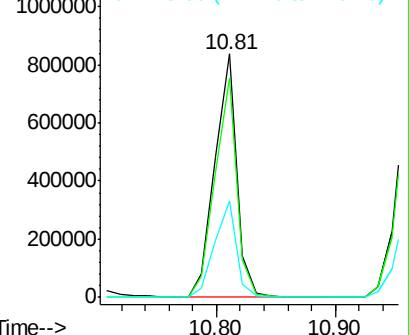
115 39.4 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

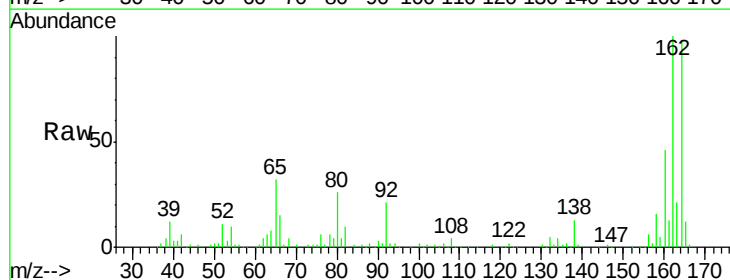
Tgt Ion:164 Resp: 272197

Ion Ratio Lower Upper

164 100

162 102.2 82.8 124.2

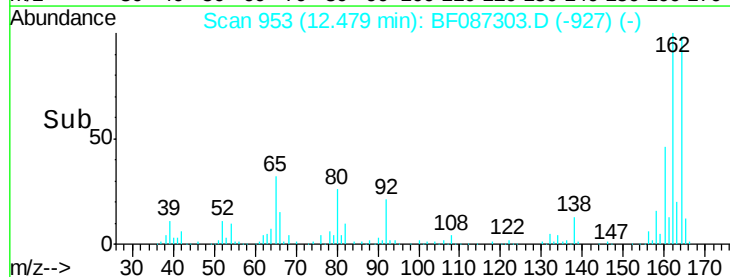
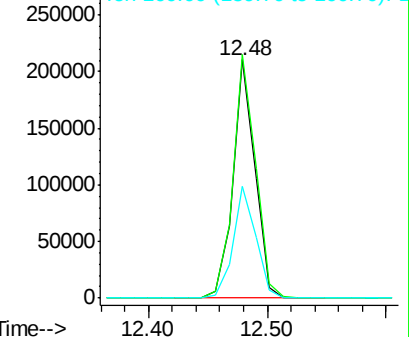
160 46.8 36.9 55.3

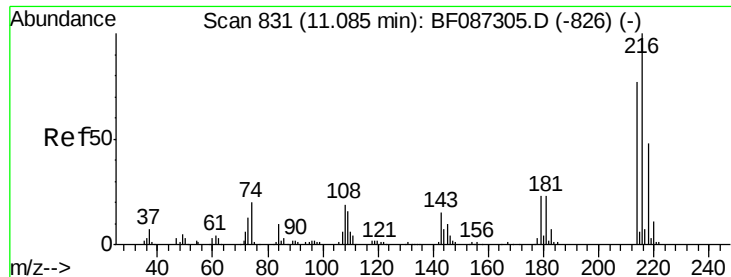


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

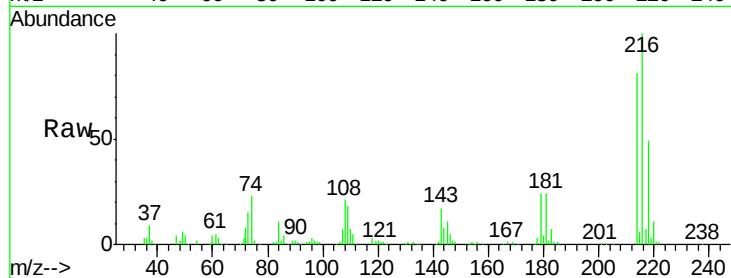




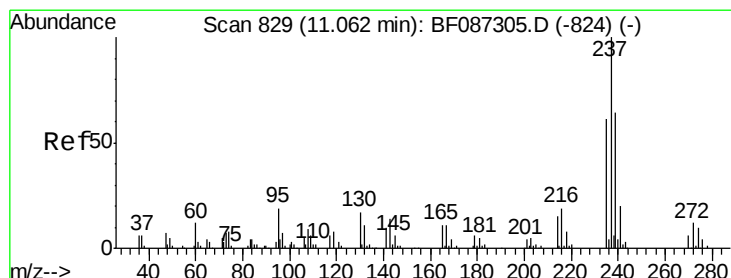
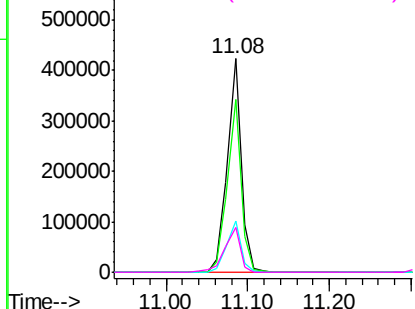
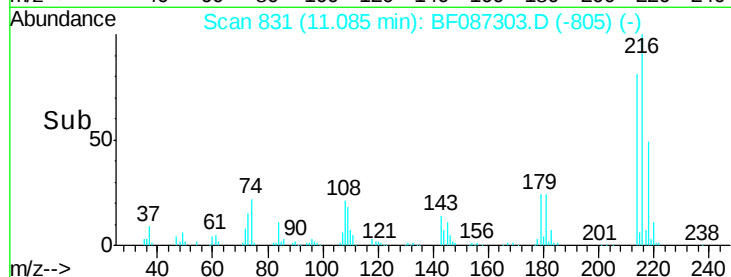
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 62.09 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:	216	Resp:	505853
Ion	Ratio	Lower	Upper
216	100		
214	79.9	62.6	93.8
179	24.0	18.2	27.4
108	23.3	17.5	26.3

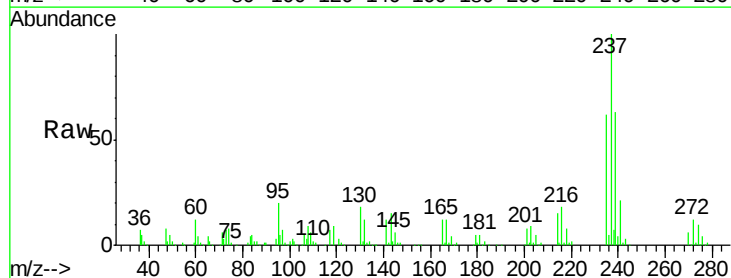


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

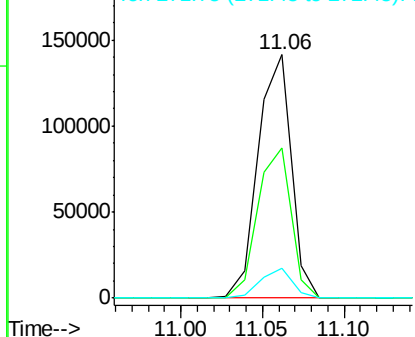
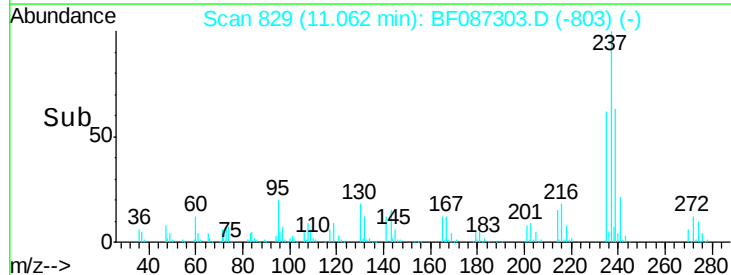


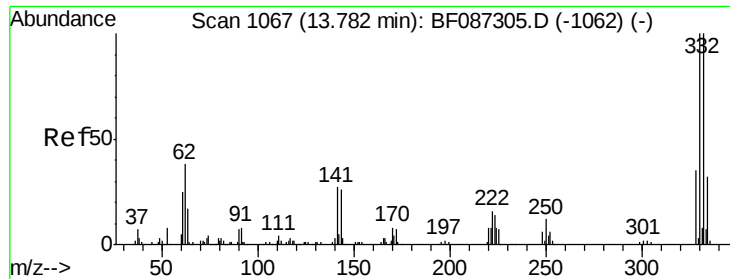
#40
 Hexachlorocyclopentadiene
 Concen: 79.46 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

Tgt Ion:	237	Resp:	200719
Ion	Ratio	Lower	Upper
237	100		
235	61.9	47.2	87.2
272	12.4	0.0	31.1



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

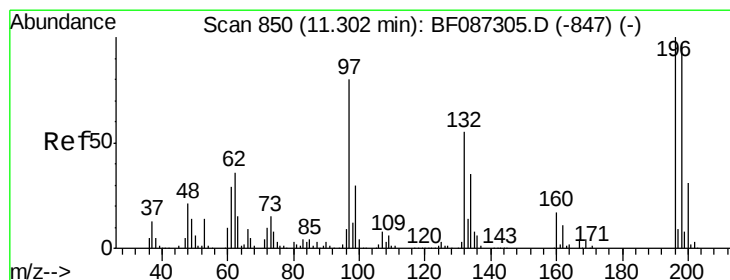
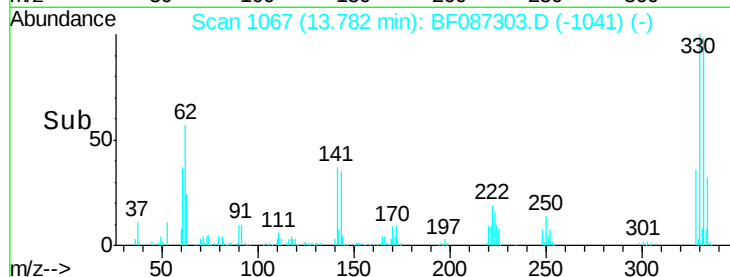
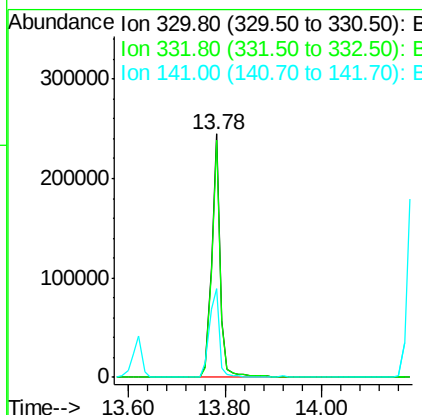
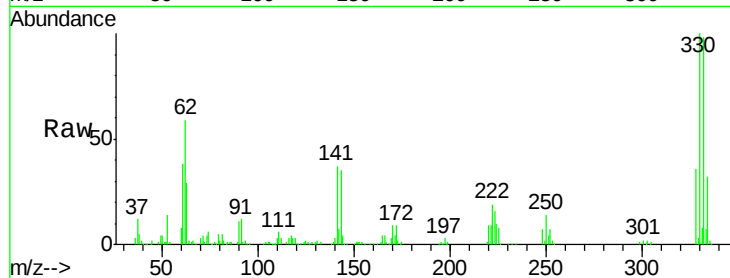




#41
 2,4,6-Tribromophenol
 Concen: 106.82 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

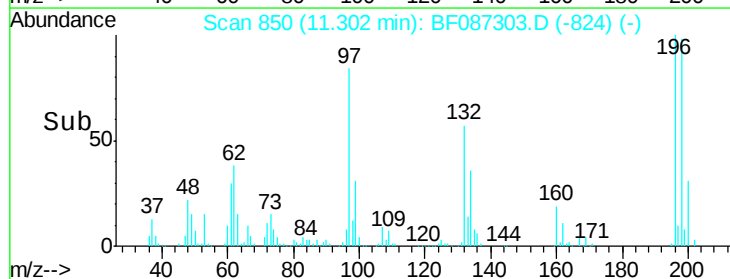
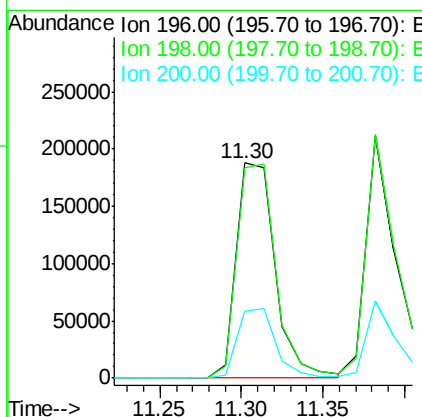
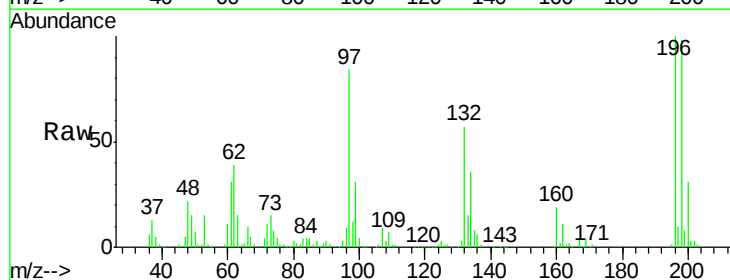
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

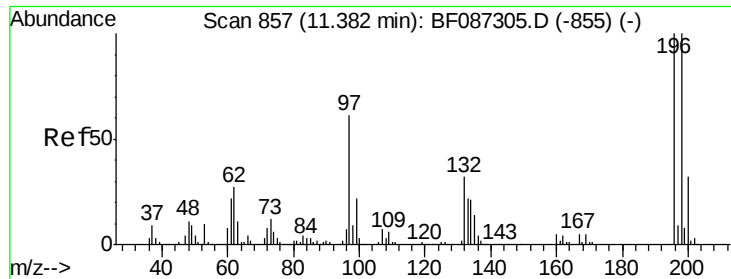
Tgt Ion:330 Resp: 313155
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 42.2 31.2 46.8



#42
 2,4,6-Trichlorophenol
 Concen: 59.64 ng
 RT: 11.30 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

Tgt Ion:196 Resp: 308044
 Ion Ratio Lower Upper
 196 100
 198 97.5 74.7 112.1
 200 31.3 23.8 35.6

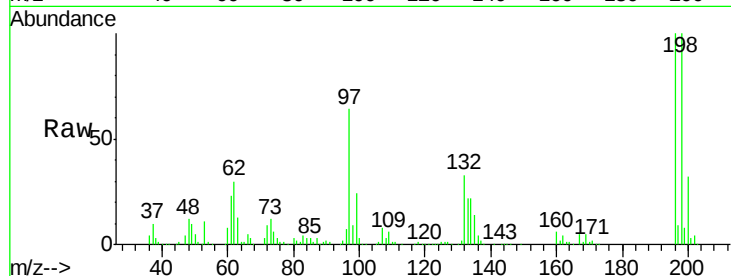




#43
 2,4,5-Trichlorophenol
 Concen: 58.79 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Resp	Lower	Upper
196	312624		
196	100		
198	100.5	77.5	116.3
97	64.3	34.8	52.2
132	33.0	23.0	34.4



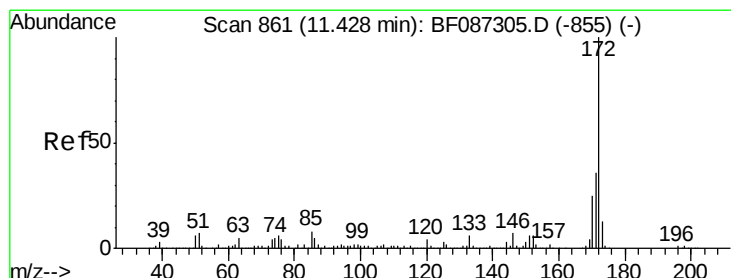
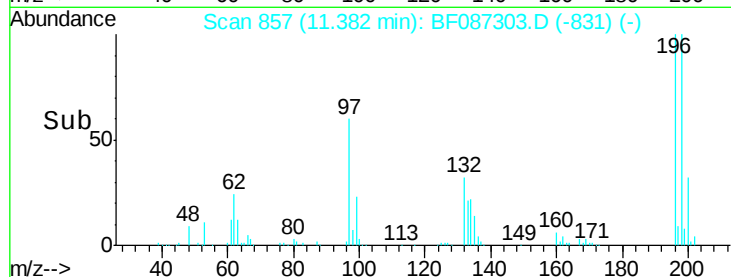
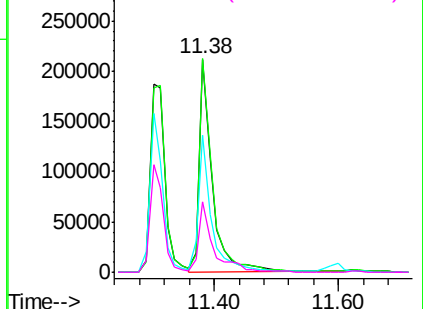
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

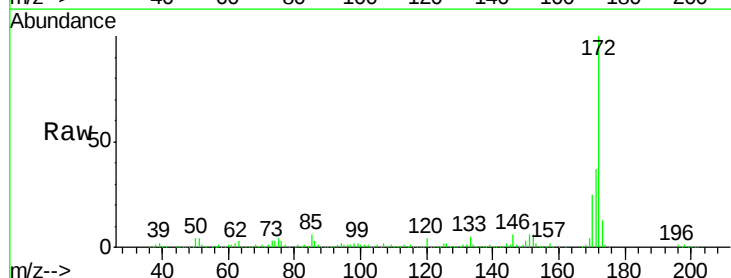
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 133.65 ng
 RT: 11.44 min Scan# 862
 Delta R.T. 0.01 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

Tgt Ion	Resp	Lower	Upper
172	2235251		
172	100		
171	36.5	29.0	43.6
170	24.7	19.8	29.8

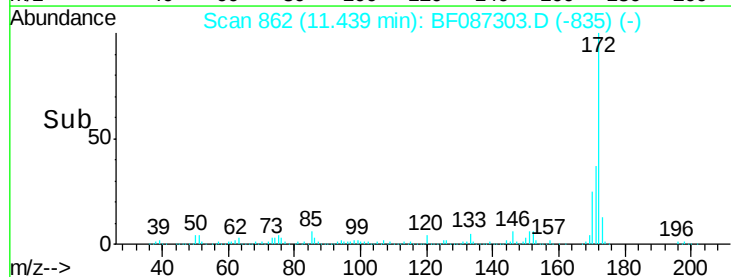
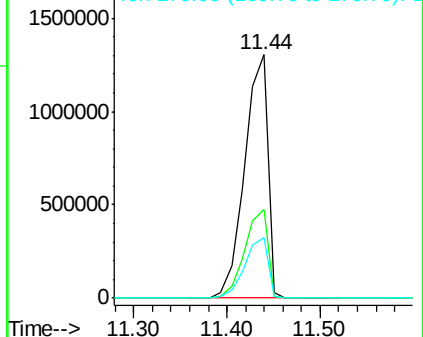


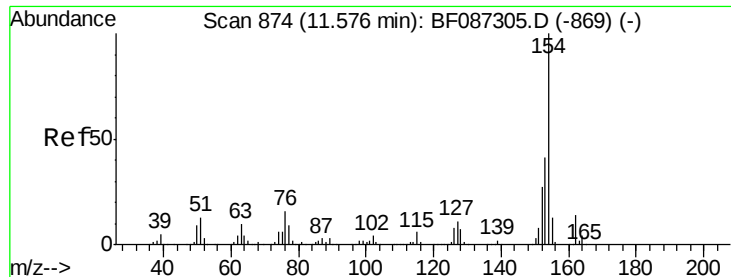
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 60.09 ng

RT: 11.59 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

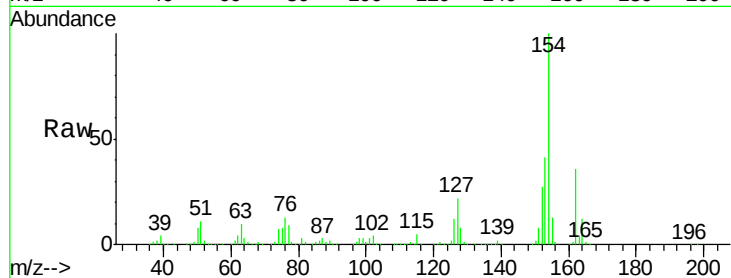
Tgt Ion:154 Resp: 1364296

Ion Ratio Lower Upper

154 100

153 41.0 20.3 60.3

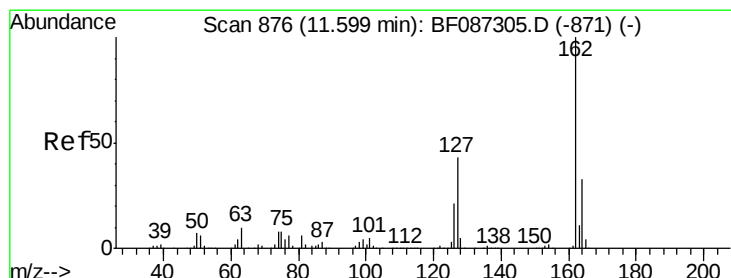
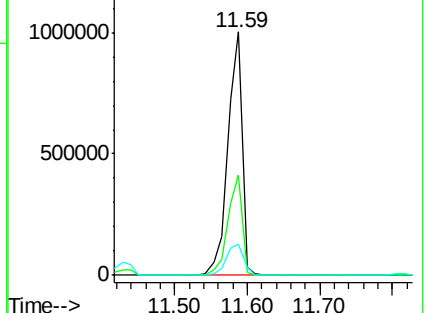
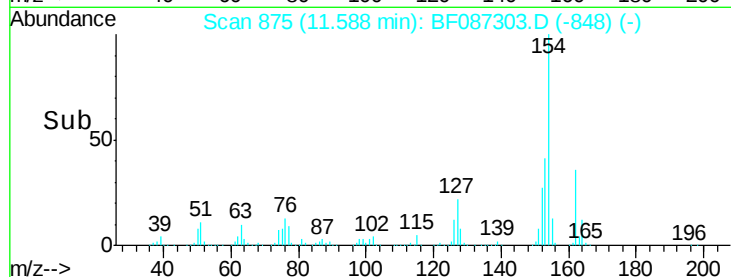
76 12.6 0.0 30.2



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: 56.39 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

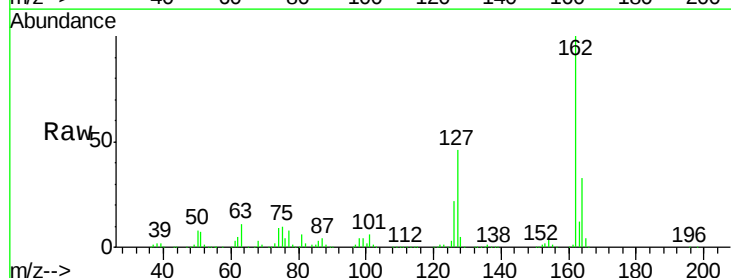
Tgt Ion:162 Resp: 985971

Ion Ratio Lower Upper

162 100

127 45.6 31.8 47.6

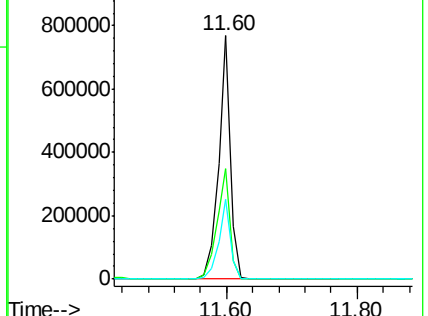
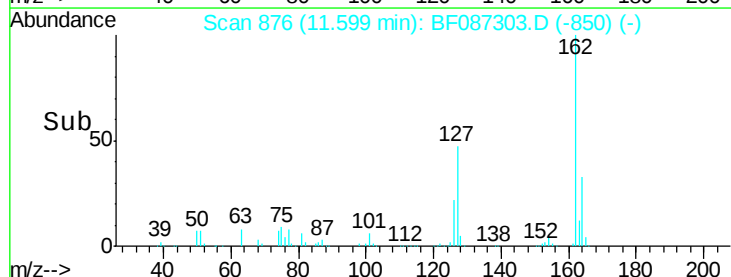
164 32.8 27.0 40.6

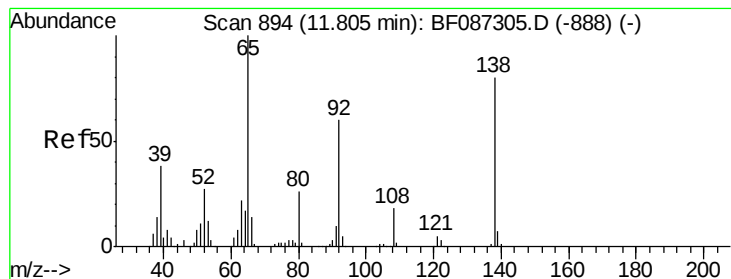


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 61.68 ng

RT: 11.82 min Scan# 895

Delta R.T. 0.01 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

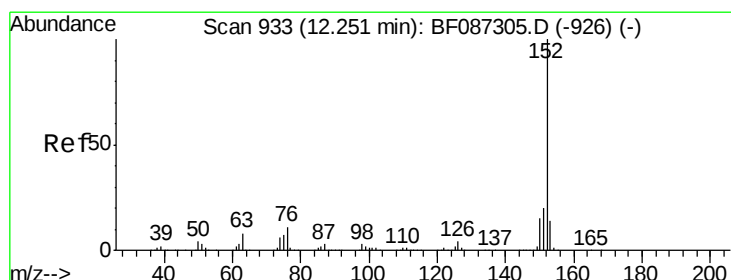
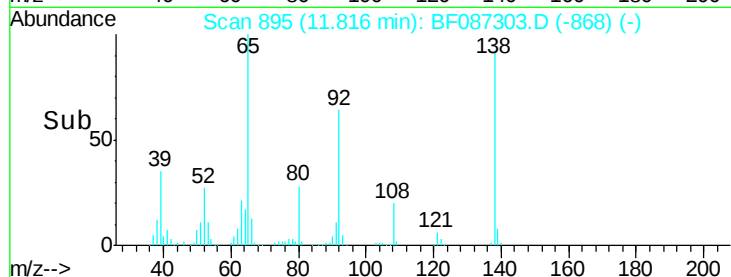
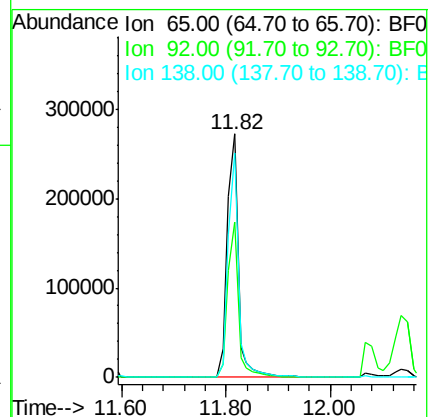
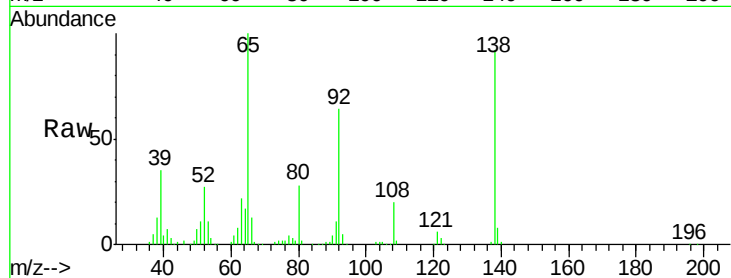
Tgt Ion: 65 Resp: 406563

Ion Ratio Lower Upper

65 100

92 63.5 57.4 86.2

138 92.4 90.1 135.1



#48

Acenaphthylene

Concen: 61.13 ng

RT: 12.25 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

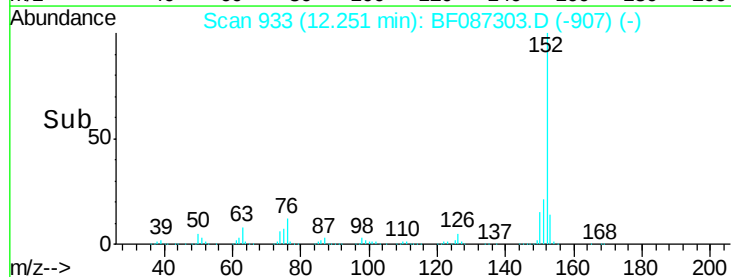
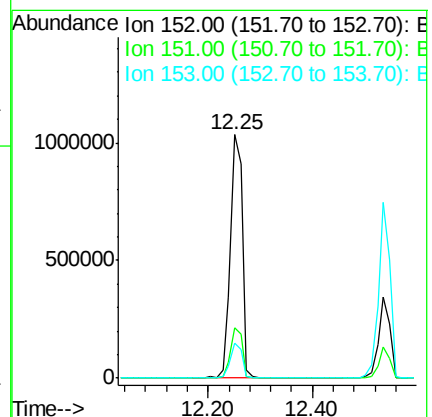
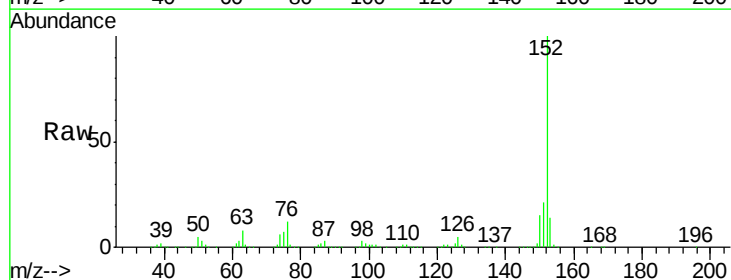
Tgt Ion: 152 Resp: 1645021

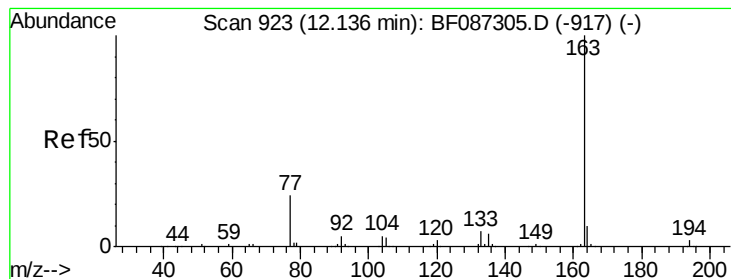
Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

153 14.3 10.9 16.3





#49

Dimethylphthalate

Concen: 61.74 ng

RT: 12.15 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

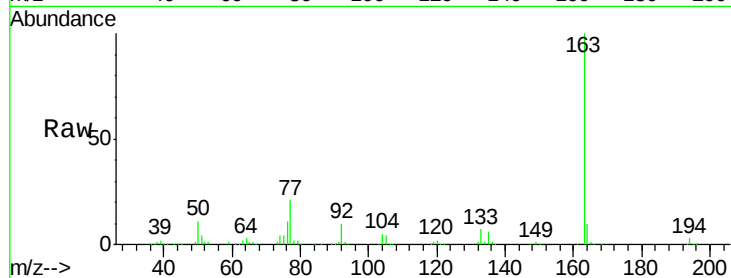
Tgt Ion:163 Resp: 1293821

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

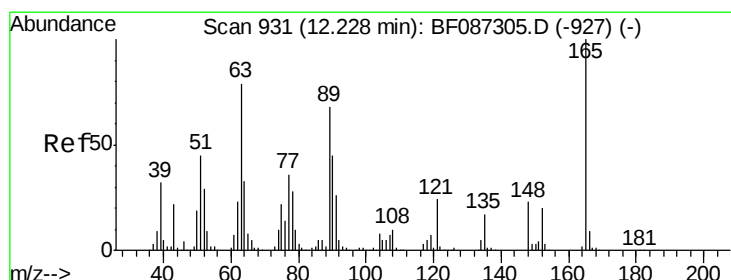
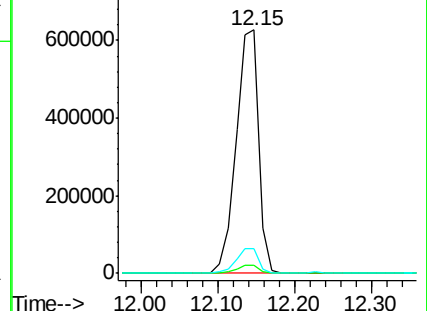
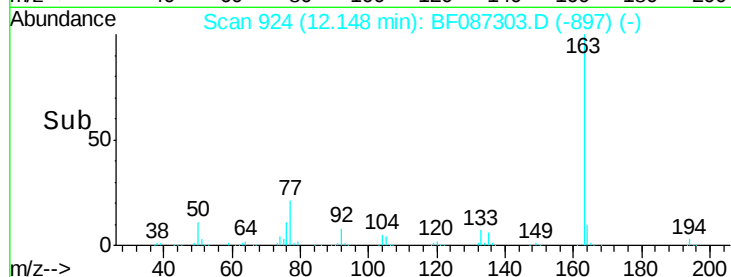
164 10.0 8.2 12.4



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: 58.79 ng

RT: 12.23 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

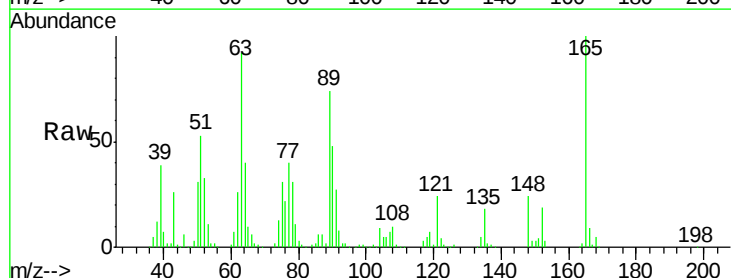
Tgt Ion:165 Resp: 261436

Ion Ratio Lower Upper

165 100

63 92.3 51.8 77.8#

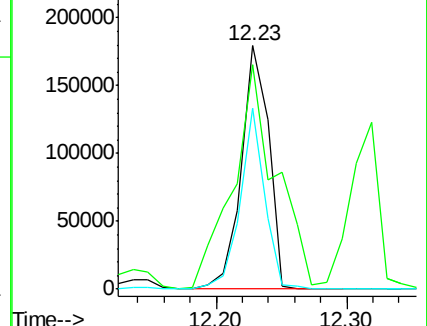
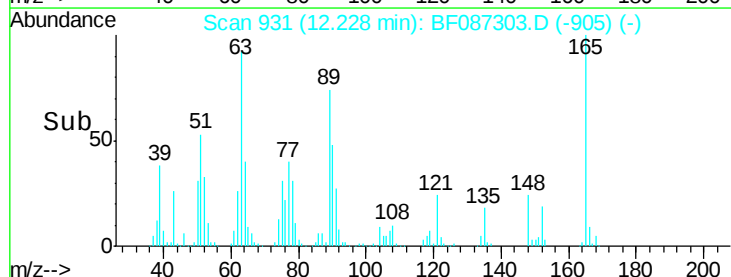
89 74.4 50.7 76.1

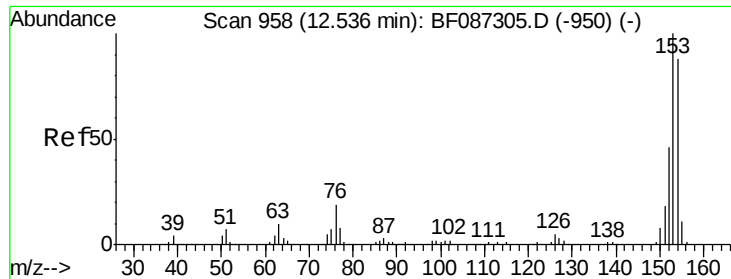


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 59.09 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

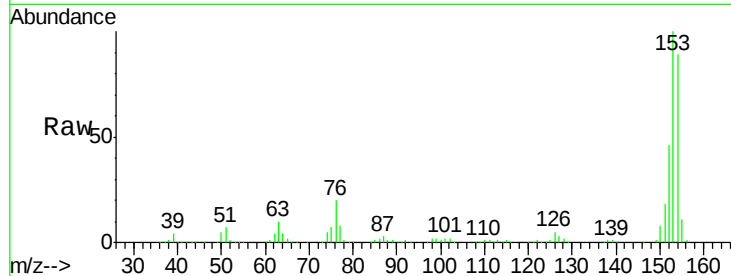
Tgt Ion:154 Resp: 991263

Ion Ratio Lower Upper

154 100

153 112.6 89.8 134.6

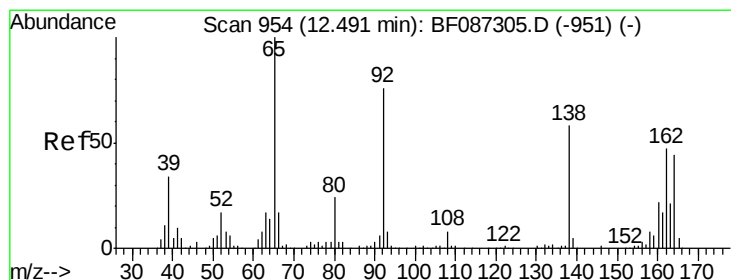
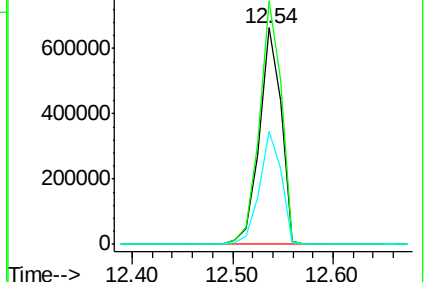
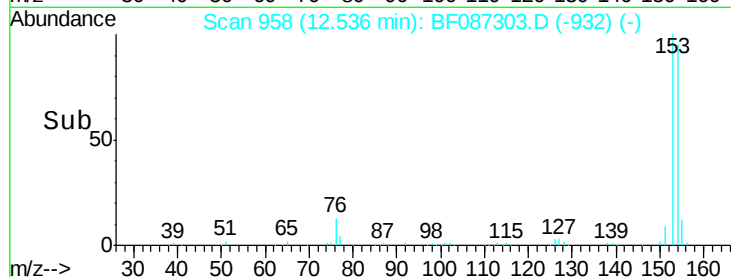
152 52.3 43.4 65.0



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: 61.03 ng

RT: 12.50 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

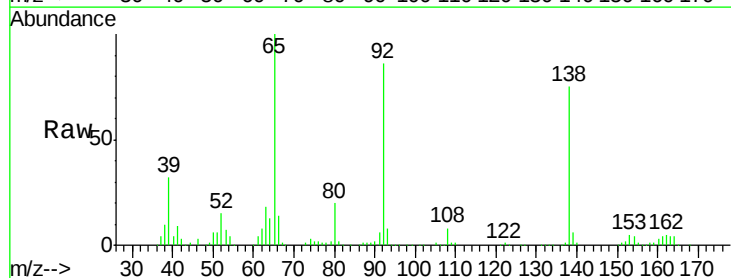
Tgt Ion:138 Resp: 293858

Ion Ratio Lower Upper

138 100

108 10.2 7.8 11.6

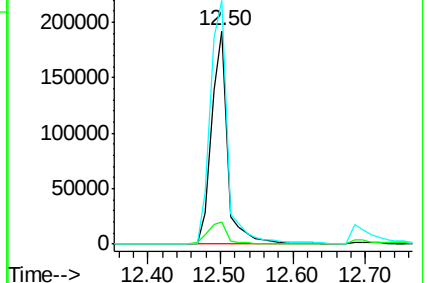
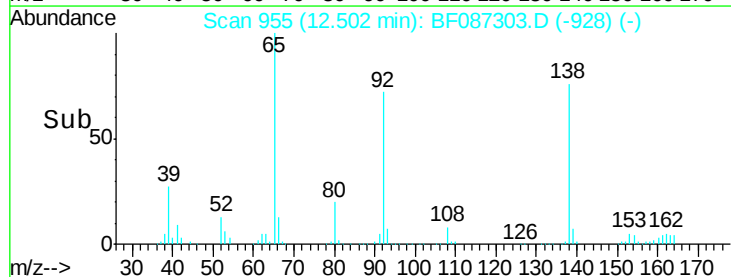
92 114.1 87.8 131.8

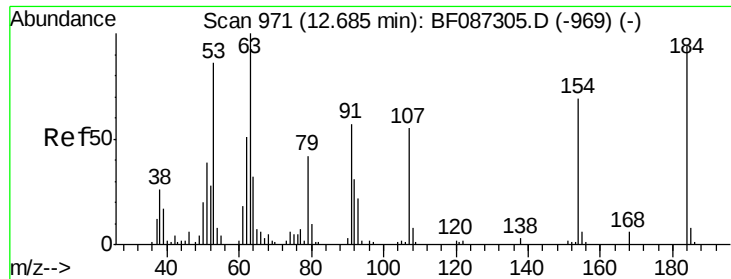


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

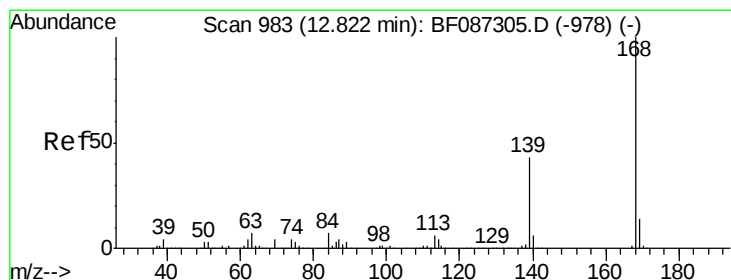
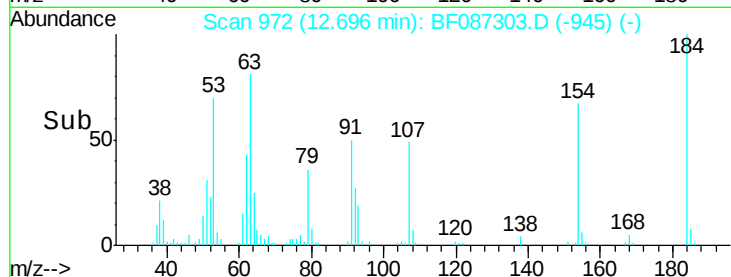
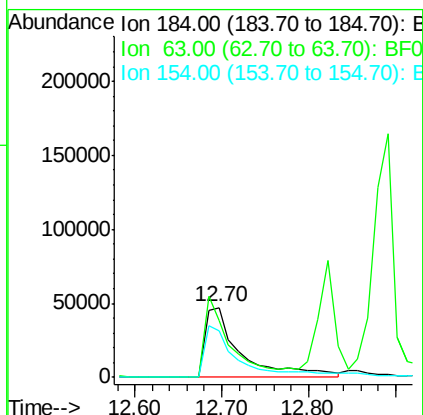
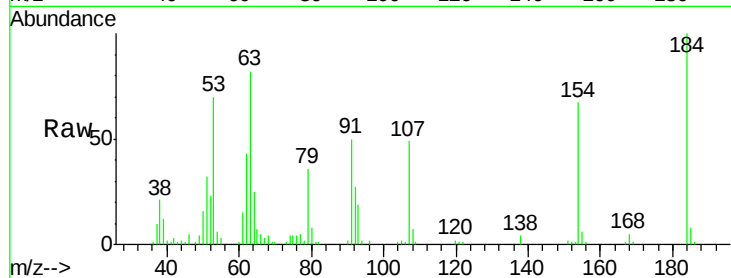




#53
2,4-Dinitrophenol
Concen: 60.98 ng
RT: 12.70 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF087303.D
Acq: 23 May 2016 16:35

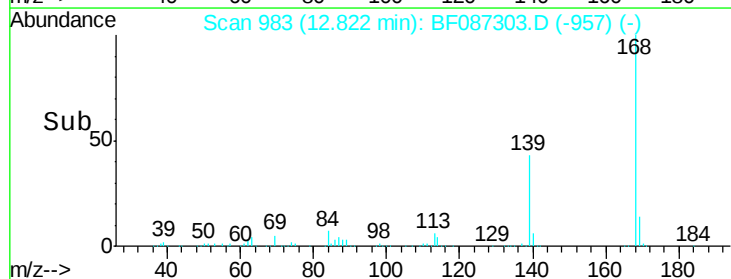
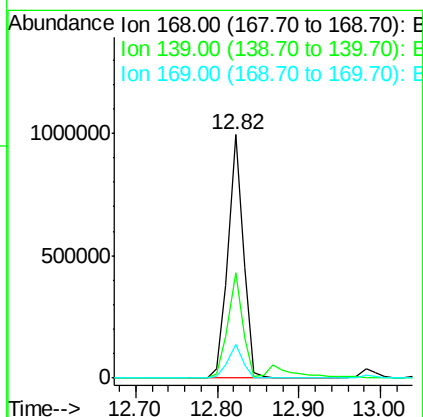
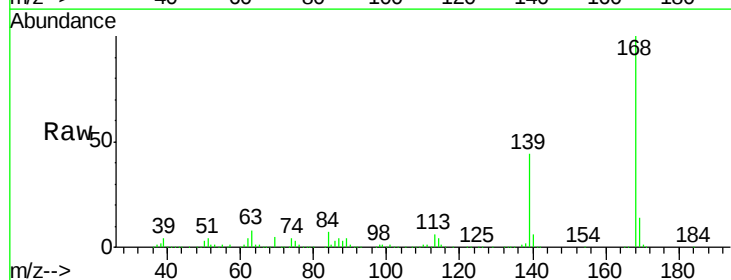
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

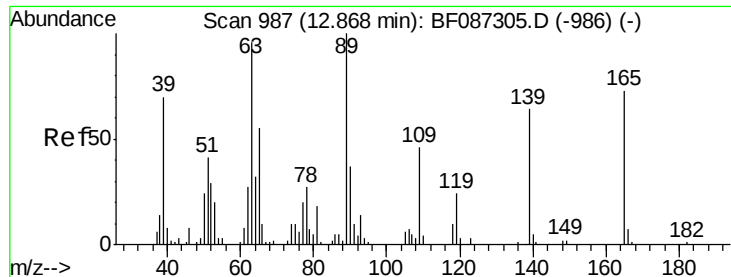
Tgt Ion:184 Resp: 133506
Ion Ratio Lower Upper
184 100
63 81.9 55.8 83.8
154 67.0 62.4 93.6



#54
Dibenzofuran
Concen: 59.52 ng
RT: 12.82 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF087303.D
Acq: 23 May 2016 16:35

Tgt Ion:168 Resp: 1298781
Ion Ratio Lower Upper
168 100
139 43.5 31.4 47.0
169 14.0 10.7 16.1

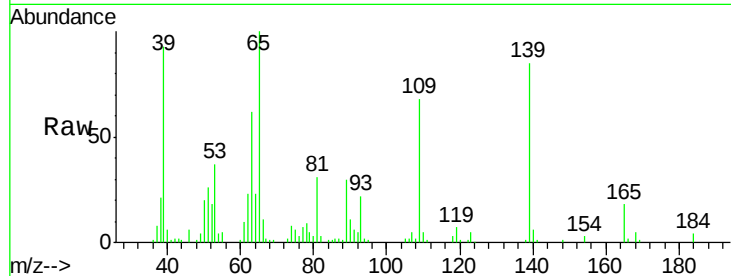




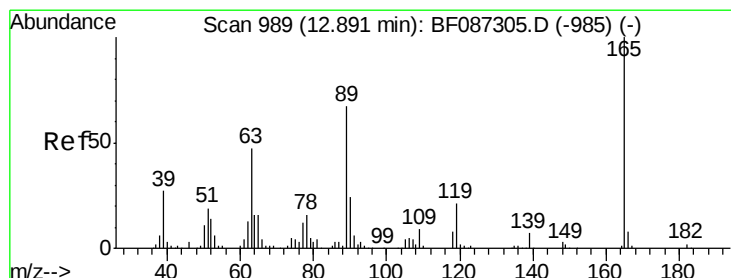
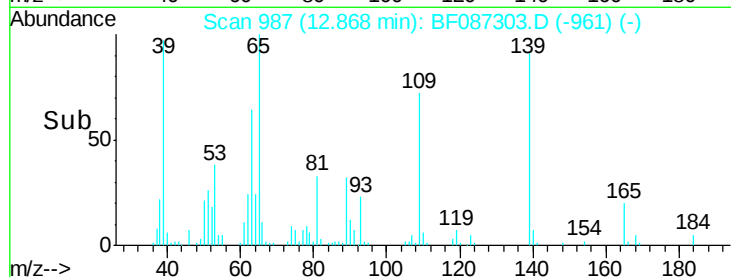
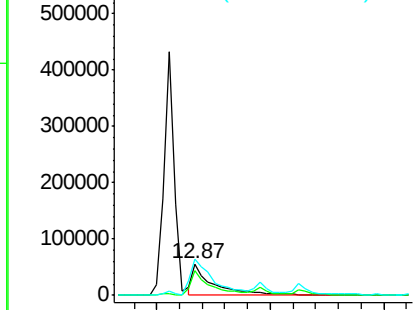
#55
4-Nitrophenol
Concen: 65.36 ng
RT: 12.87 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF087303.D
Acq: 23 May 2016 16:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:139 Resp: 134719
Ion Ratio Lower Upper
139 100
109 79.4 36.9 76.9#
65 117.6 64.0 104.0#



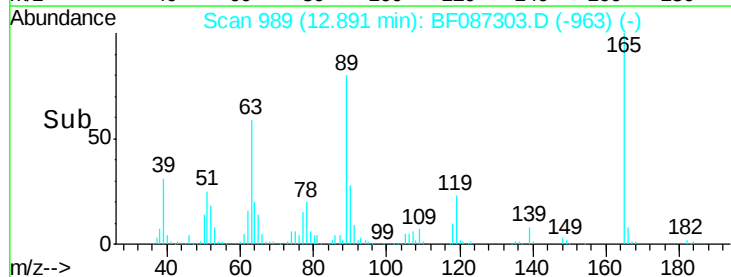
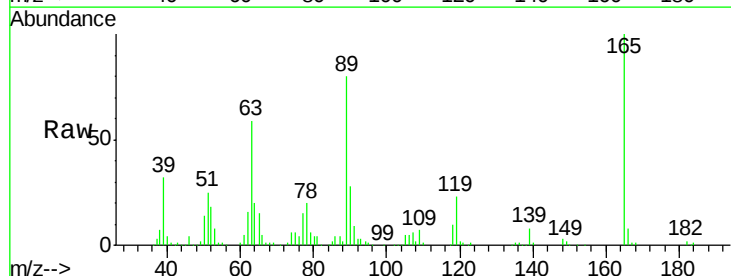
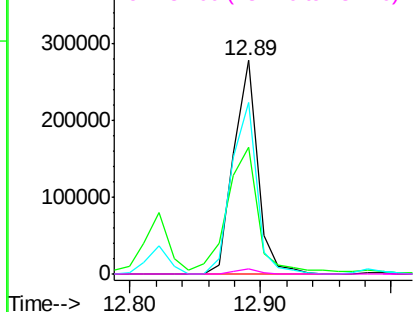
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

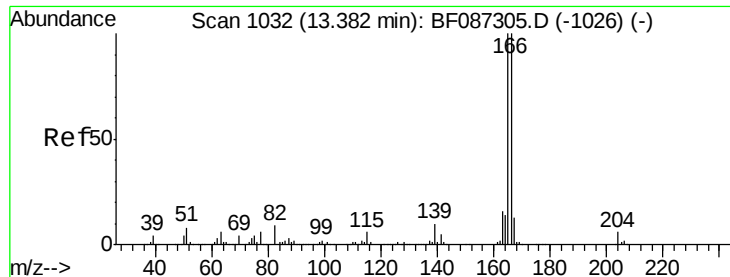


#56
2,4-Dinitrotoluene
Concen: 61.41 ng
RT: 12.89 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF087303.D
Acq: 23 May 2016 16:35

Tgt Ion:165 Resp: 355687
Ion Ratio Lower Upper
165 100
63 59.2 44.3 66.5
89 80.1 70.0 105.0
182 2.3 1.8 2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

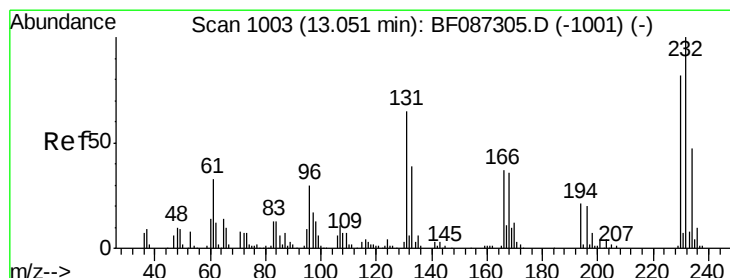
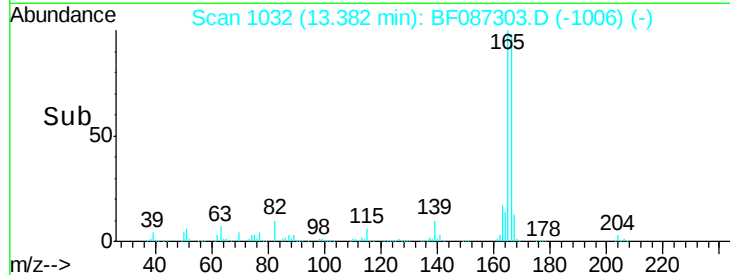
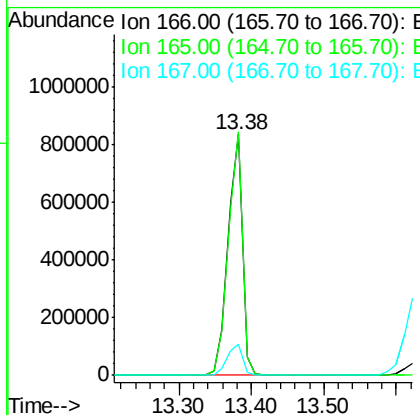
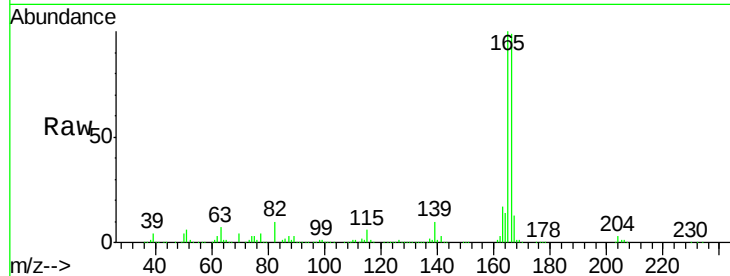




#57
Fluorene
 Concen: 64.48 ng
 RT: 13.38 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

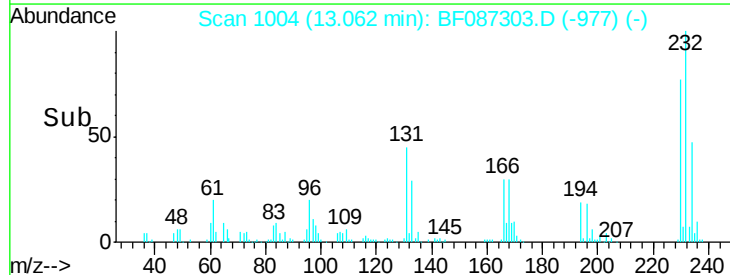
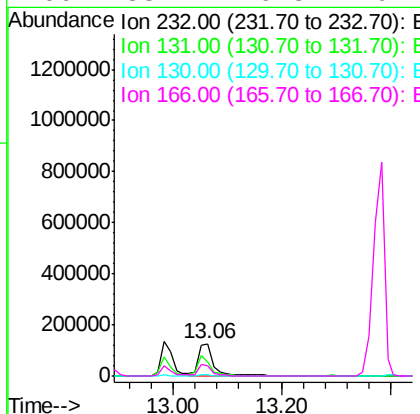
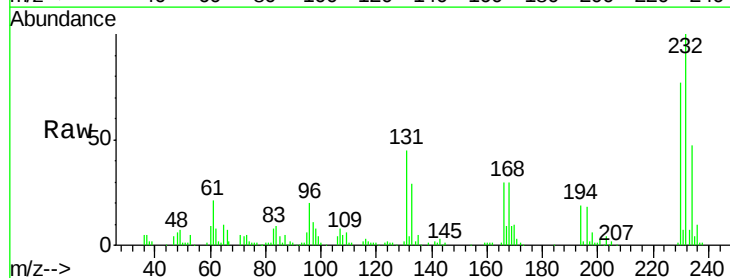
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

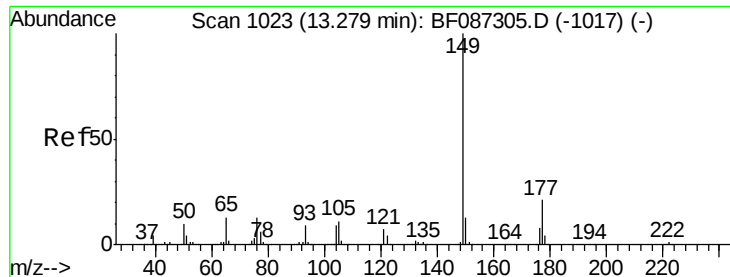
Tgt Ion:166 Resp: 1153161
 Ion Ratio Lower Upper
 166 100
 165 101.1 79.0 118.6
 167 13.2 10.6 15.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 58.06 ng
 RT: 13.06 min Scan# 1004
 Delta R.T. 0.01 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

Tgt Ion:232 Resp: 241471
 Ion Ratio Lower Upper
 232 100
 131 54.1 41.9 62.9
 130 2.9 2.2 3.4
 166 33.2 26.8 40.2

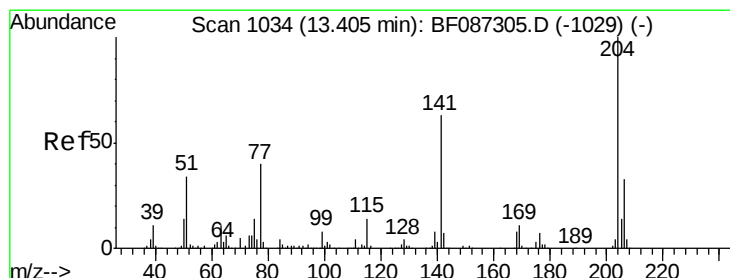
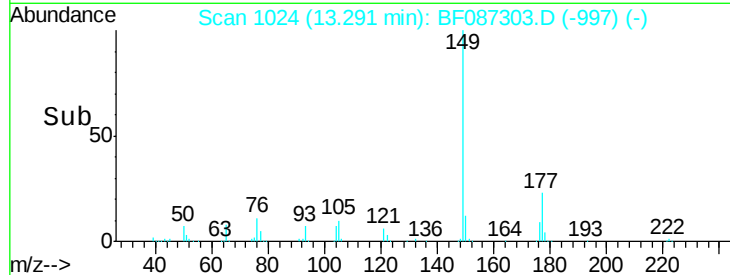
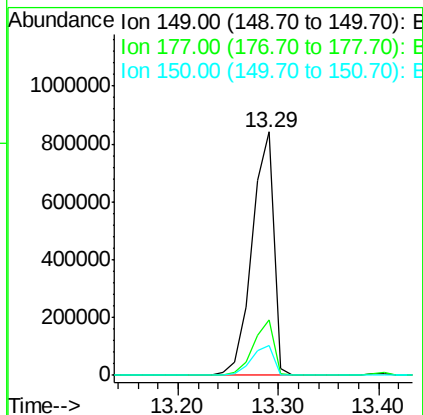
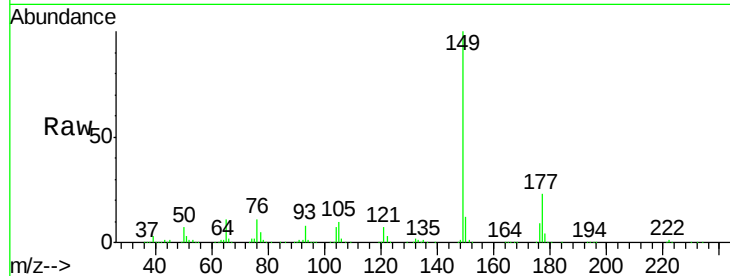




#59
Diethylphthalate
Concen: 63.70 ng
RT: 13.29 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF087303.D
Acq: 23 May 2016 16:35

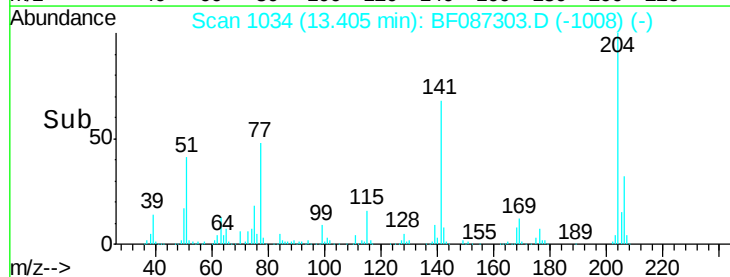
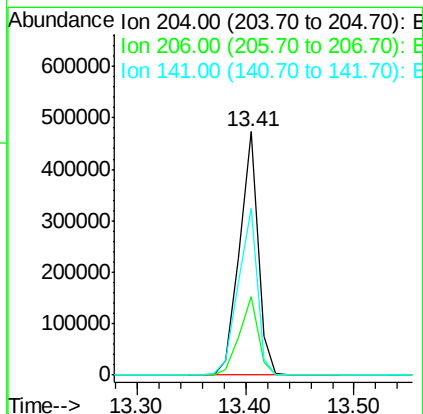
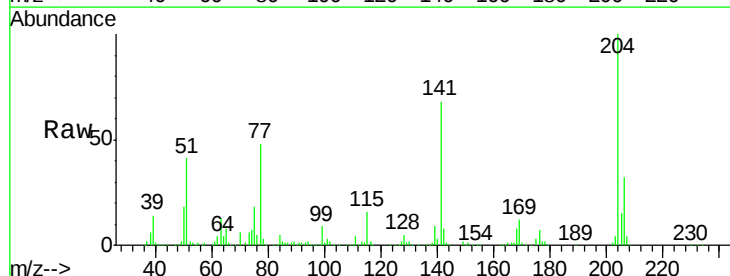
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

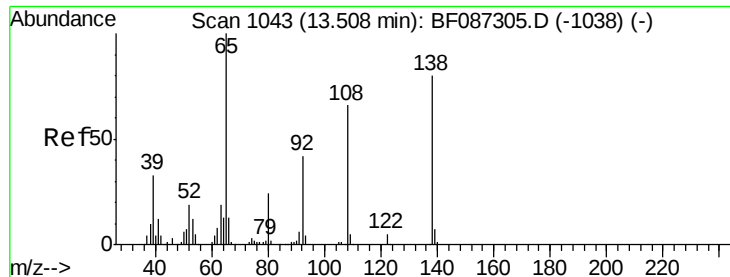
Tgt Ion:149 Resp: 1259696
Ion Ratio Lower Upper
149 100
177 22.6 16.6 24.8
150 12.4 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 67.11 ng
RT: 13.41 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF087303.D
Acq: 23 May 2016 16:35

Tgt Ion:204 Resp: 555675
Ion Ratio Lower Upper
204 100
206 32.4 25.4 38.0
141 68.4 61.6 92.4

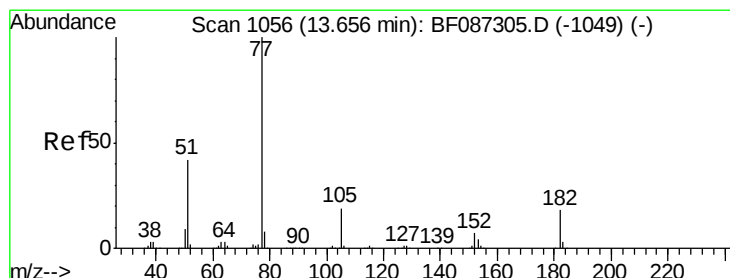
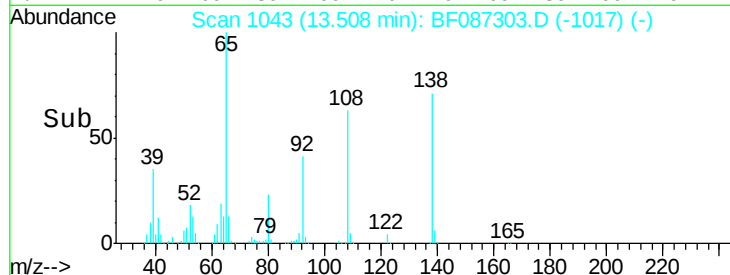
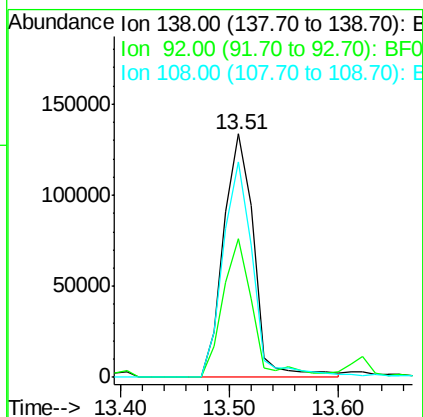
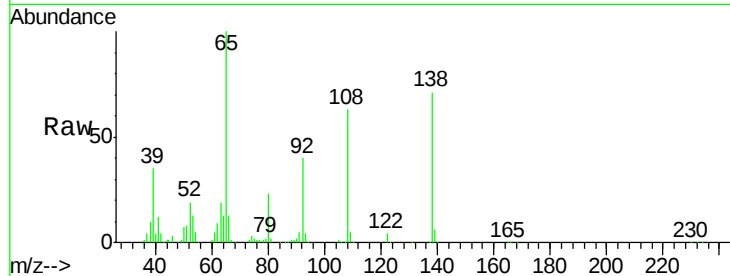




#61
4-Nitroaniline
Concen: 54.84 ng
RT: 13.51 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF087303.D
Acq: 23 May 2016 16:35

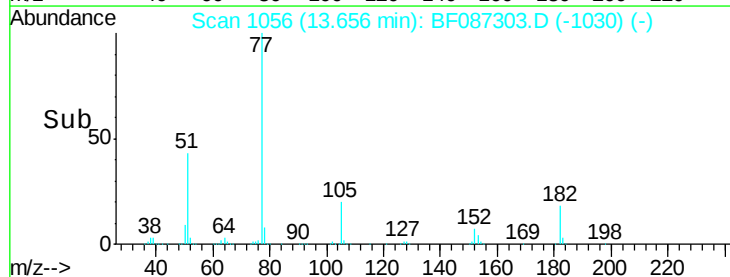
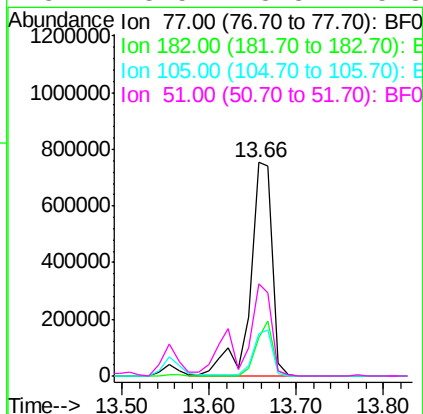
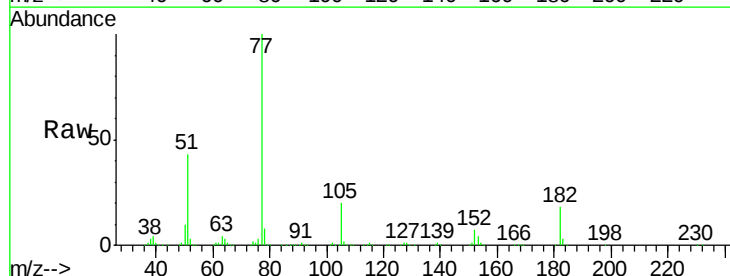
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

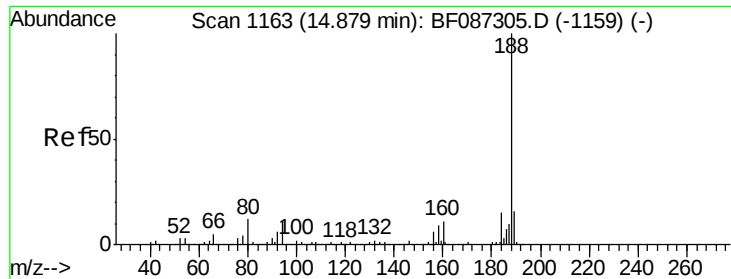
Tgt Ion:138 Resp: 257382
Ion Ratio Lower Upper
138 100
92 57.2 24.7 64.7
108 88.6 37.4 77.4#



#62
Azobenzene
Concen: 59.19 ng
RT: 13.66 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF087303.D
Acq: 23 May 2016 16:35

Tgt Ion: 77 Resp: 1347866
Ion Ratio Lower Upper
77 100
182 17.8 0.0 38.8
105 19.8 3.2 43.2
51 43.5 8.8 48.8

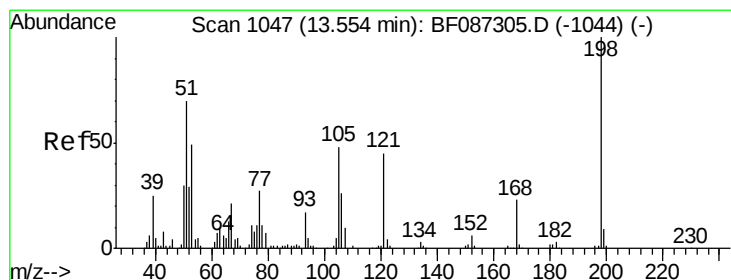
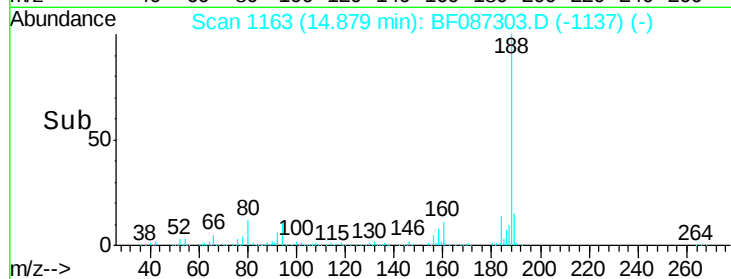
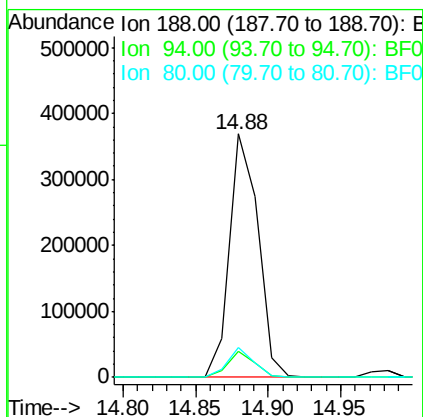
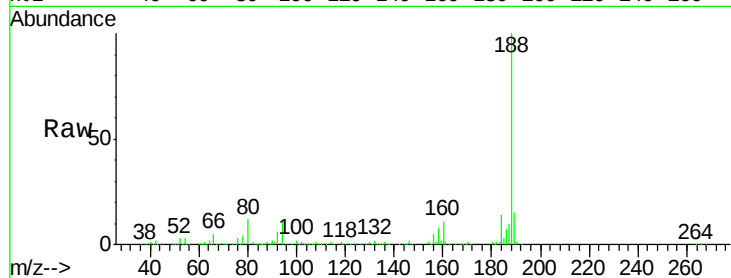




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF087303.D
Acq: 23 May 2016 16:35

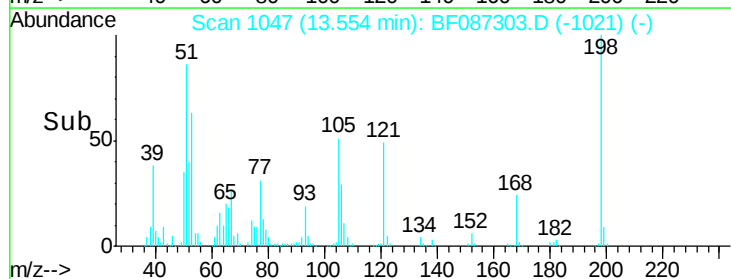
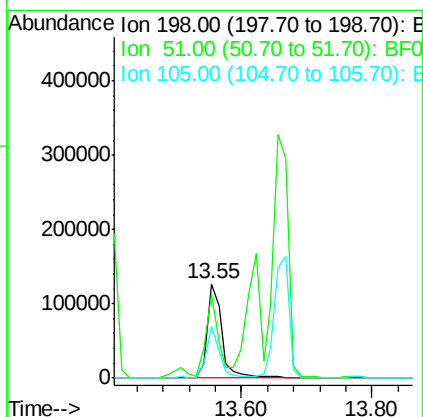
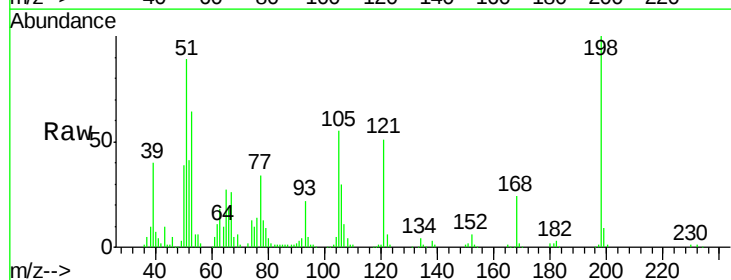
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

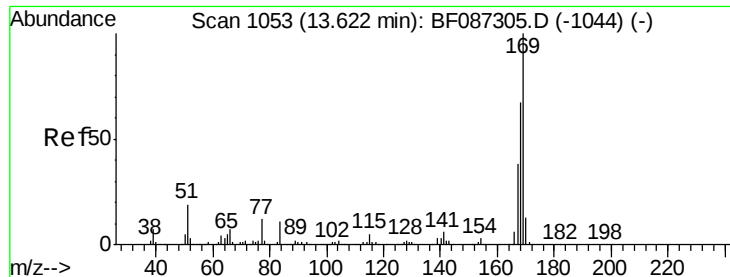
Tgt Ion:188 Resp: 505617
Ion Ratio Lower Upper
188 100
94 10.5 6.8 10.2#
80 12.1 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 61.19 ng
RT: 13.55 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF087303.D
Acq: 23 May 2016 16:35

Tgt Ion:198 Resp: 203623
Ion Ratio Lower Upper
198 100
51 88.6 20.5 60.5#
105 55.2 24.5 64.5

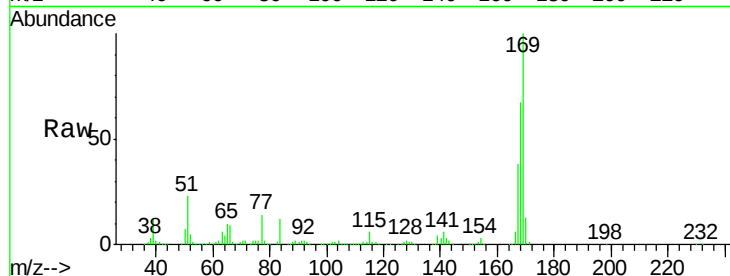




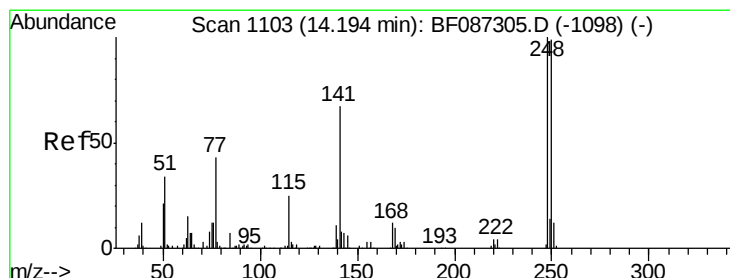
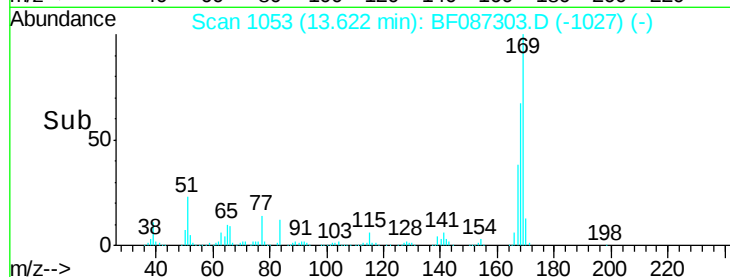
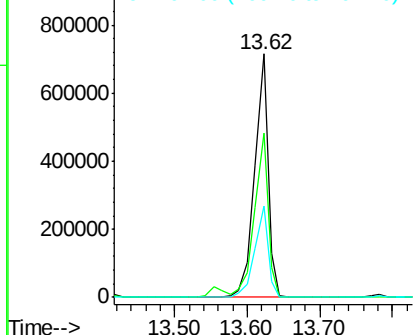
#65
 n-Nitrosodiphenylamine
 Concen: 59.11 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:169 Resp: 940963
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.8 80.6
 167 37.5 29.5 44.3

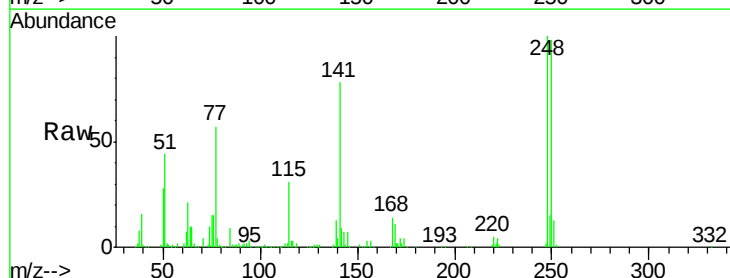


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

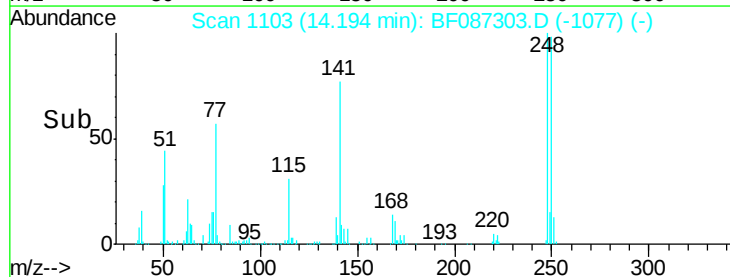
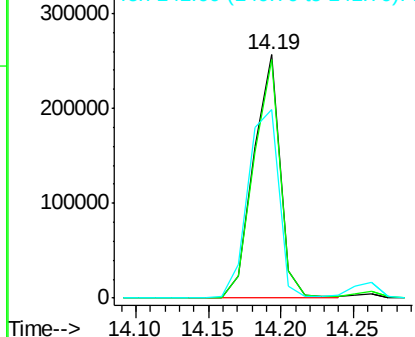


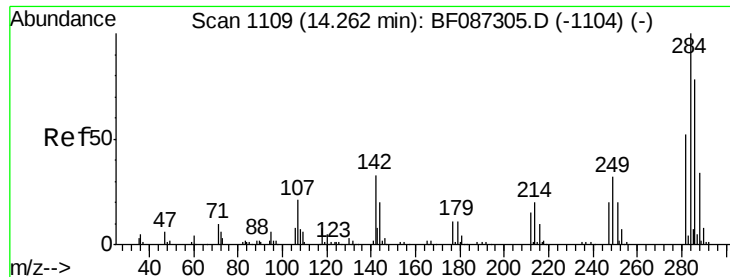
#66
 4-Bromophenyl-phenylether
 Concen: 61.02 ng
 RT: 14.19 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

Tgt Ion:248 Resp: 324785
 Ion Ratio Lower Upper
 248 100
 250 98.2 78.6 117.8
 141 77.6 76.0 114.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 56.55 ng

RT: 14.26 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

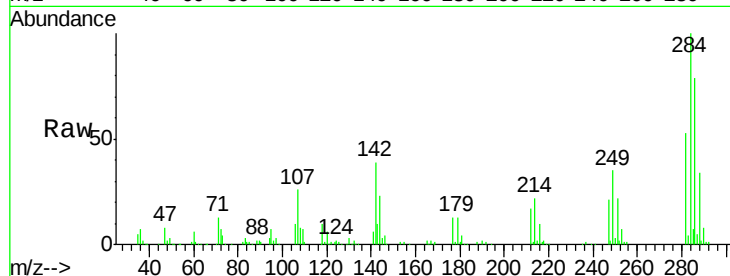
Tgt Ion:284 Resp: 336461

Ion Ratio Lower Upper

284 100

142 39.5 16.7 25.1#

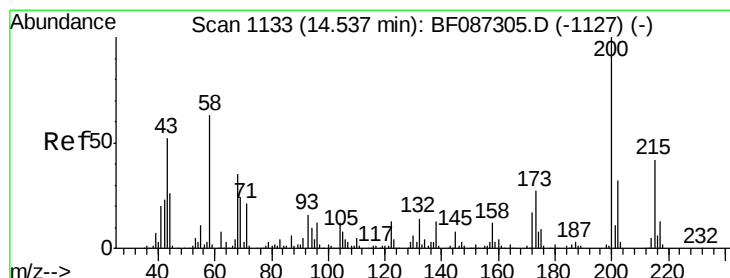
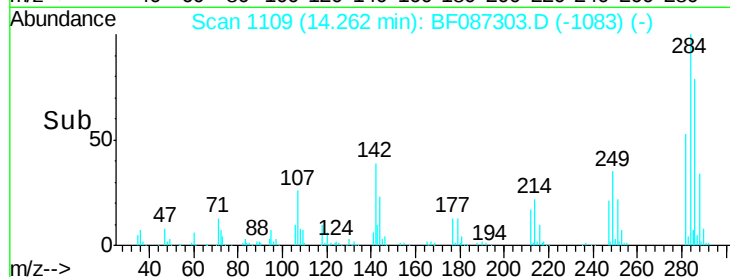
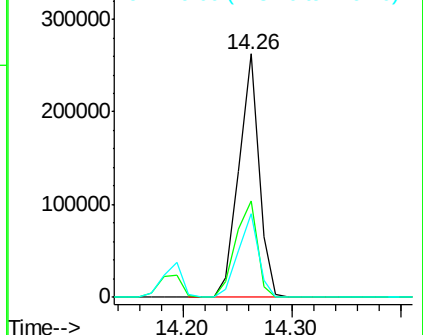
249 34.6 21.3 31.9#



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: 47.45 ng

RT: 14.54 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

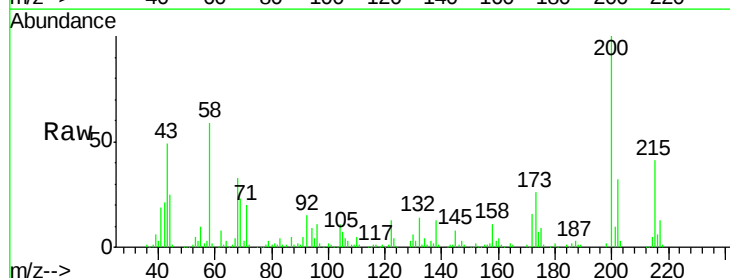
Tgt Ion:200 Resp: 245753

Ion Ratio Lower Upper

200 100

173 26.0 8.5 48.5

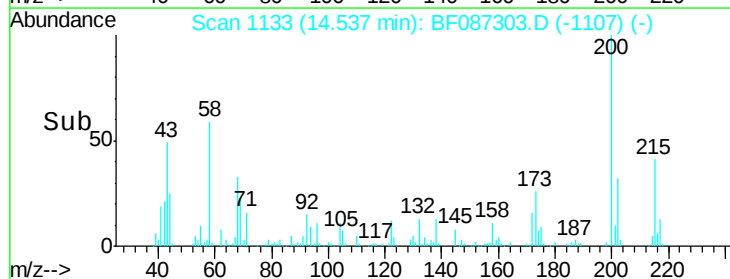
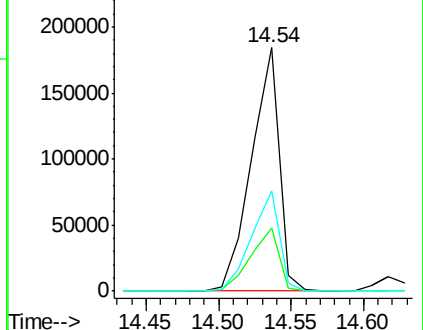
215 41.4 27.2 67.2

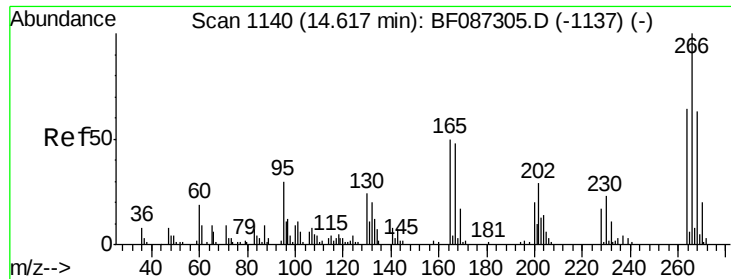


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

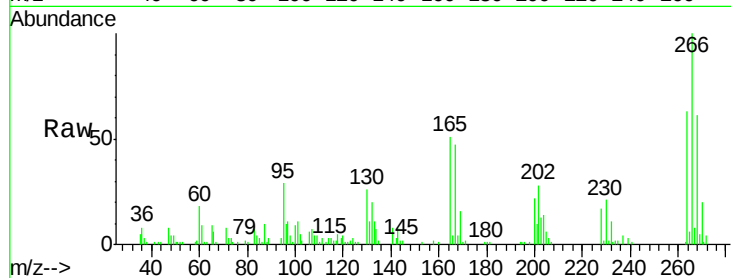




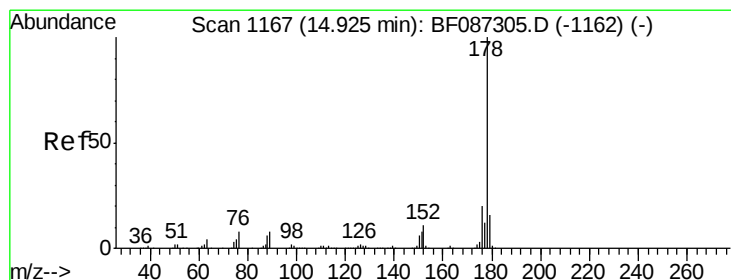
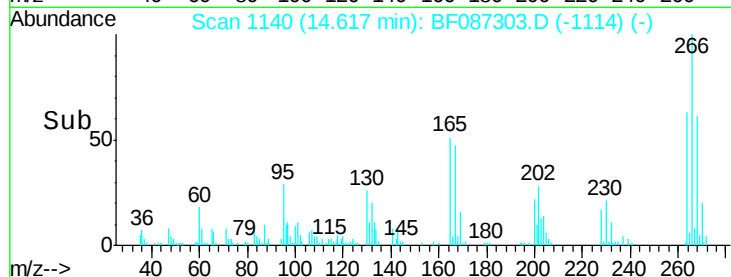
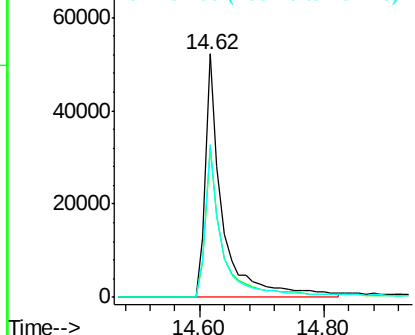
#69
 Pentachlorophenol
 Concen: 47.00 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:266 Resp: 100568
 Ion Ratio Lower Upper
 266 100
 268 60.9 51.5 77.3
 264 62.9 52.9 79.3

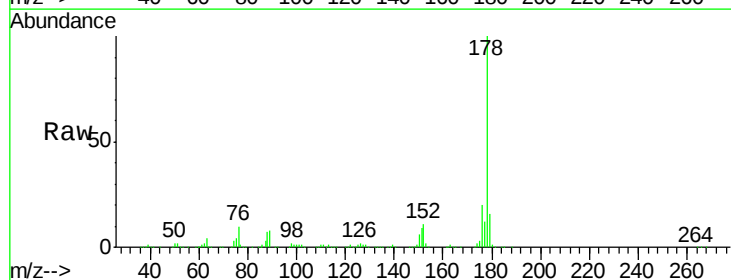


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

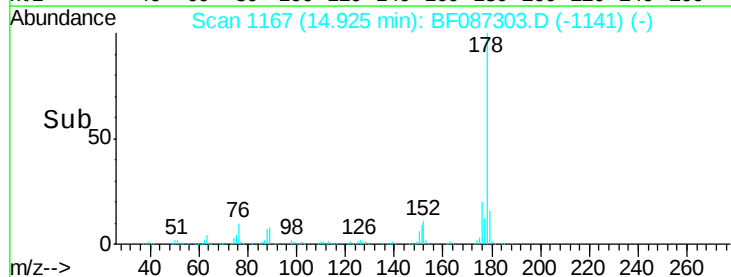
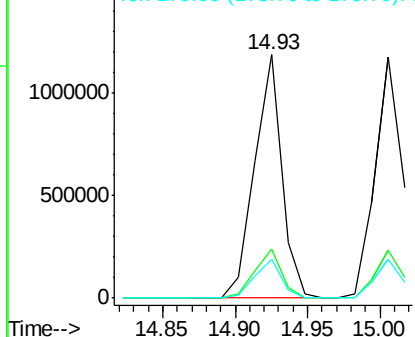


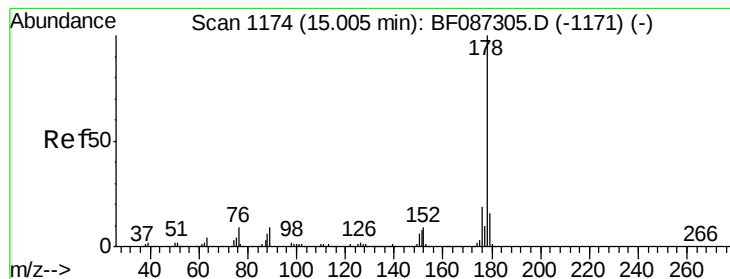
#70
 Phenanthrene
 Concen: 56.71 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

Tgt Ion:178 Resp: 1549316
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 15.9 12.6 18.8



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: 56.13 ng

RT: 15.01 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

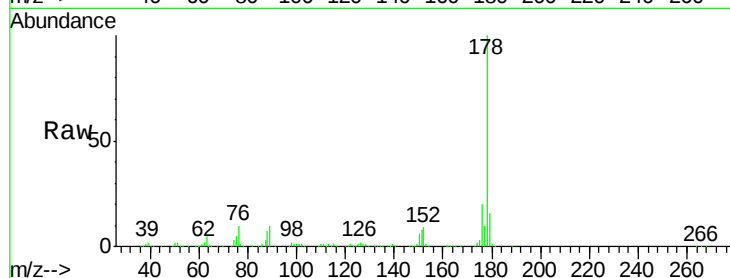
Tgt Ion:178 Resp: 1585214

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

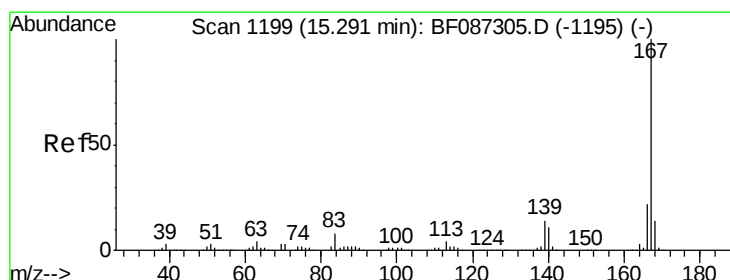
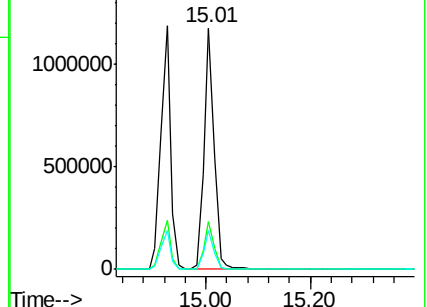
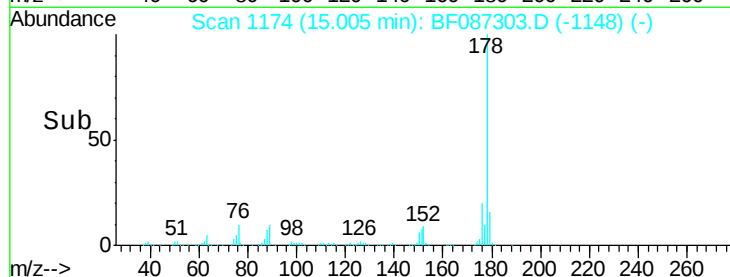
179 16.1 12.7 19.1



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: 53.97 ng

RT: 15.29 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

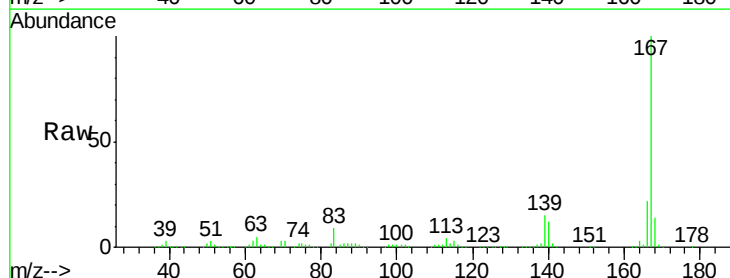
Tgt Ion:167 Resp: 1353230

Ion Ratio Lower Upper

167 100

166 22.4 17.7 26.5

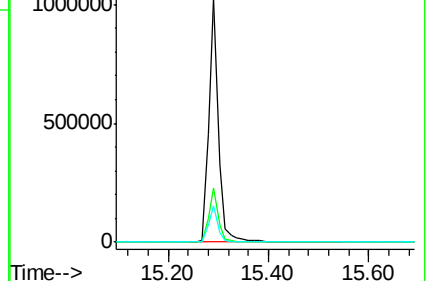
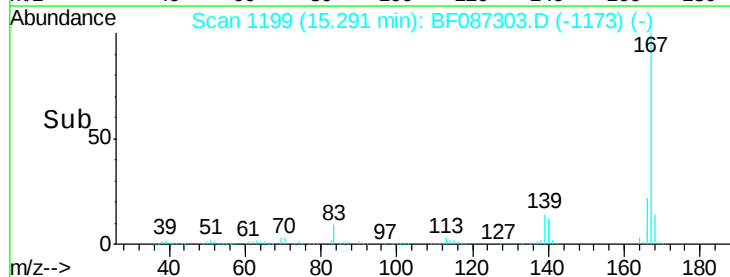
139 15.0 10.8 16.2

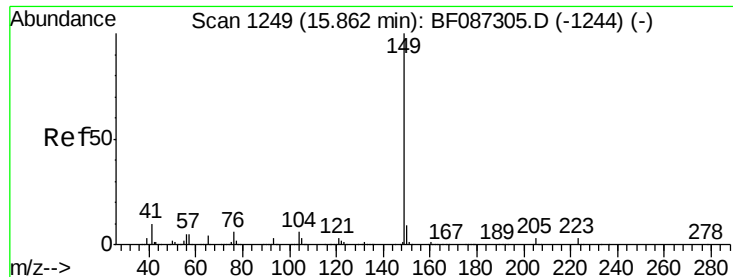


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 61.51 ng

RT: 15.86 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

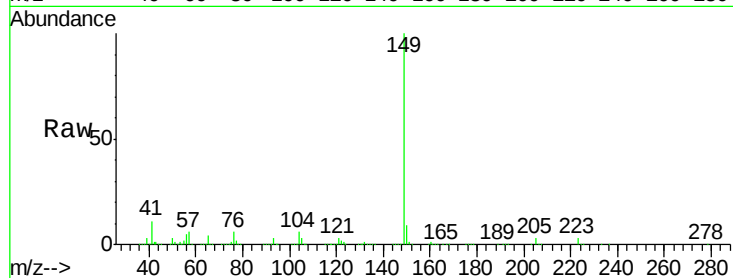
Tgt Ion:149 Resp: 1806744

Ion Ratio Lower Upper

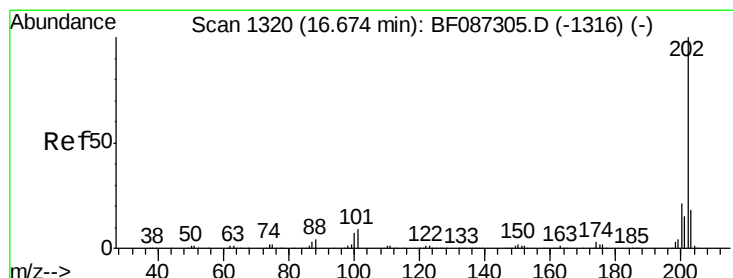
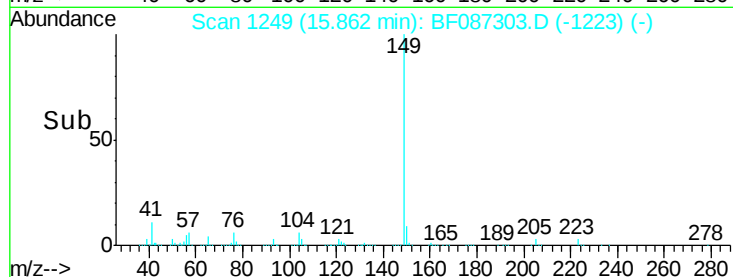
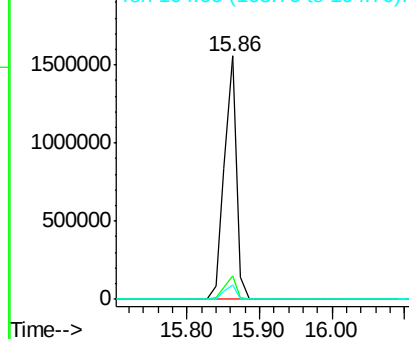
149 100

150 9.5 7.6 11.4

104 5.9 3.8 5.6#



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: 58.01 ng

RT: 16.67 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

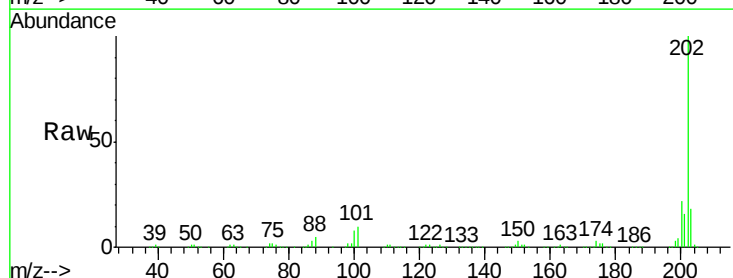
Tgt Ion:202 Resp: 1609745

Ion Ratio Lower Upper

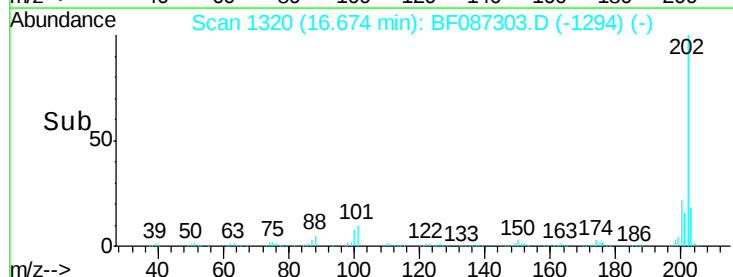
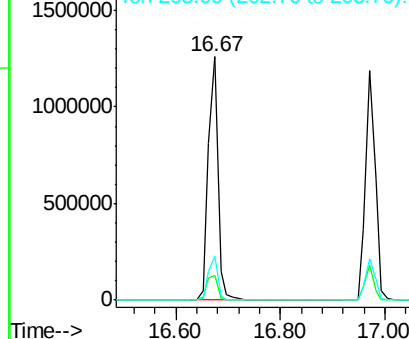
202 100

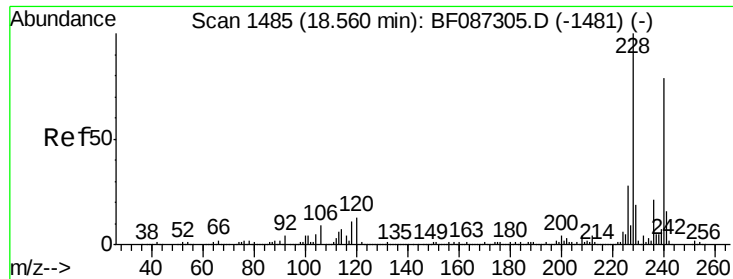
101 10.1 0.0 35.4

203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.56 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

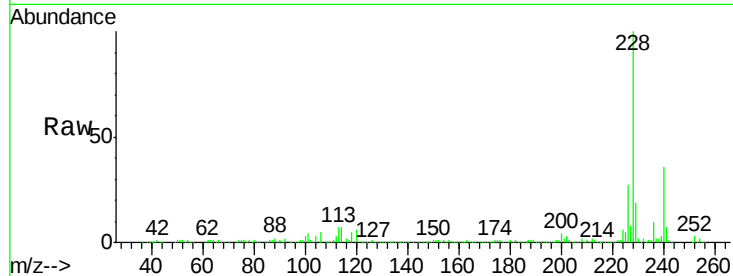
Tgt Ion:240 Resp: 354606

Ion Ratio Lower Upper

240 100

120 17.2 11.2 16.8#

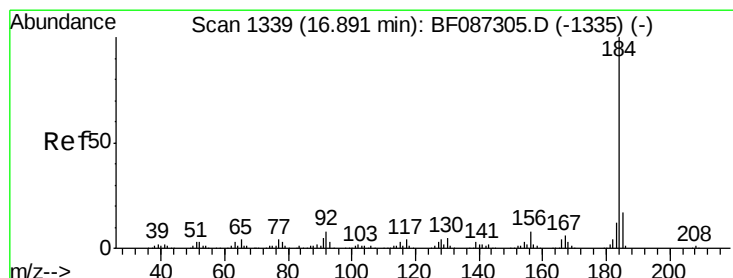
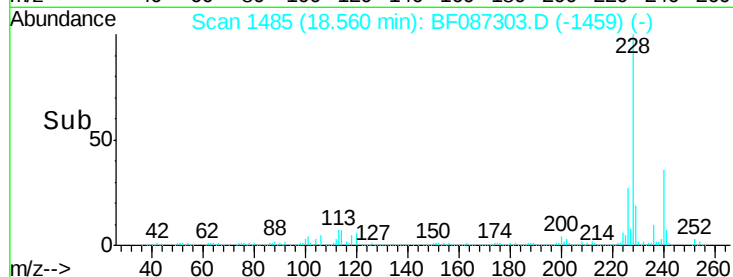
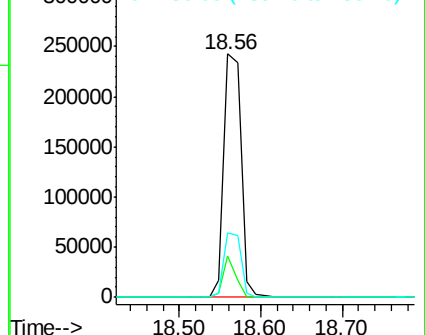
236 26.6 21.2 31.8



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: 58.70 ng

RT: 16.89 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

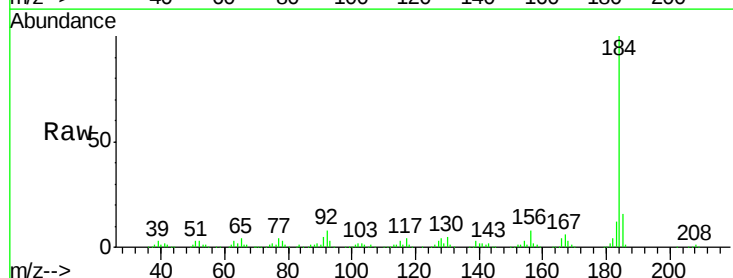
Tgt Ion:184 Resp: 548246

Ion Ratio Lower Upper

184 100

185 15.8 13.6 20.4

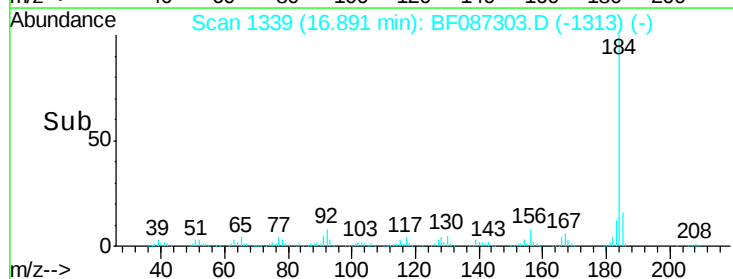
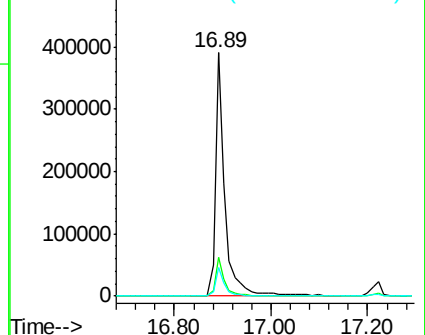
183 11.8 9.8 14.6

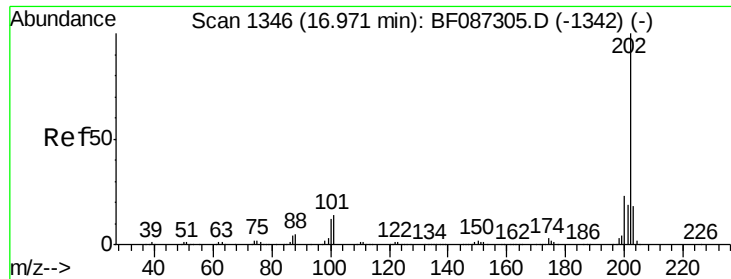


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 60.42 ng

RT: 16.97 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

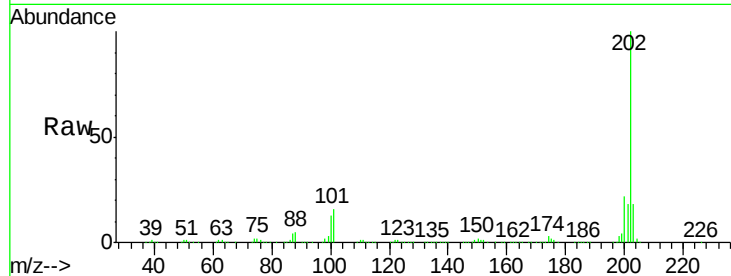
Tgt Ion:202 Resp: 1544112

Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

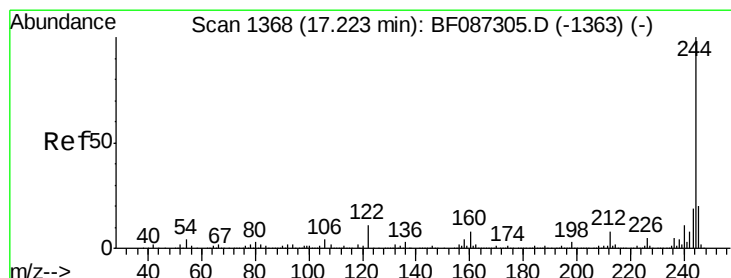
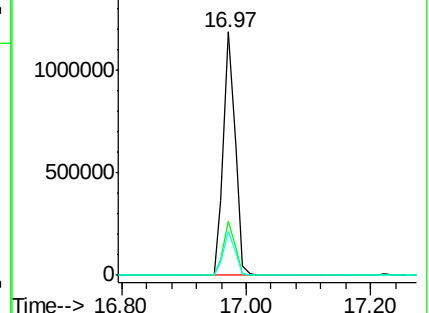
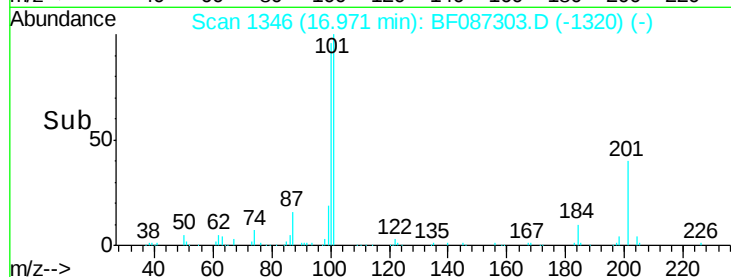
203 18.3 14.2 21.4



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: 121.44 ng

RT: 17.22 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

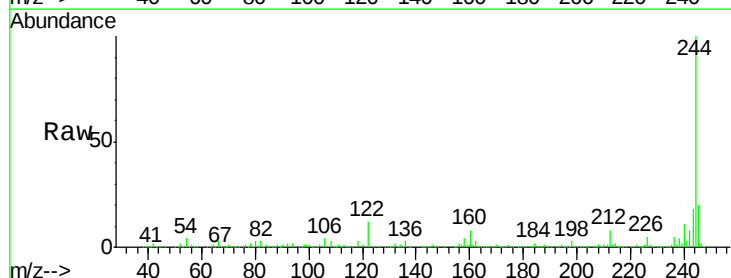
Tgt Ion:244 Resp: 1956521

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

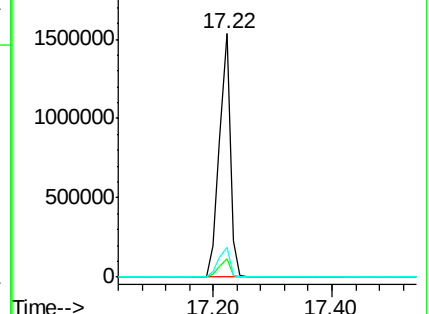
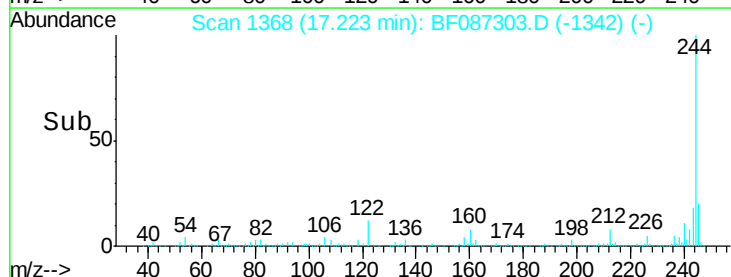
122 12.3 12.0 18.0

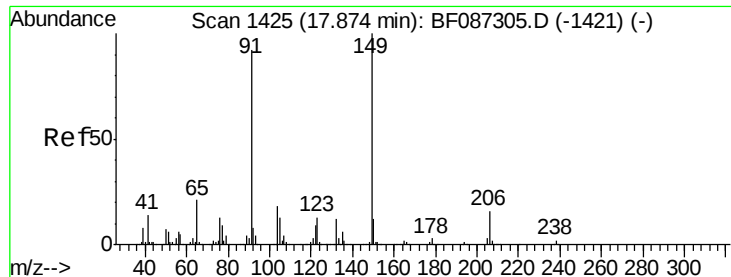


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 71.19 ng

RT: 17.89 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

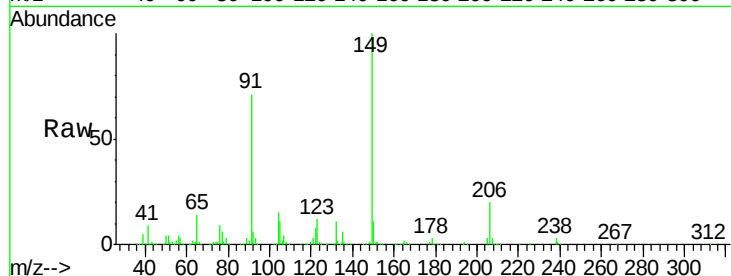
Tgt Ion:149 Resp: 772693

Ion Ratio Lower Upper

149 100

91 70.9 48.0 72.0

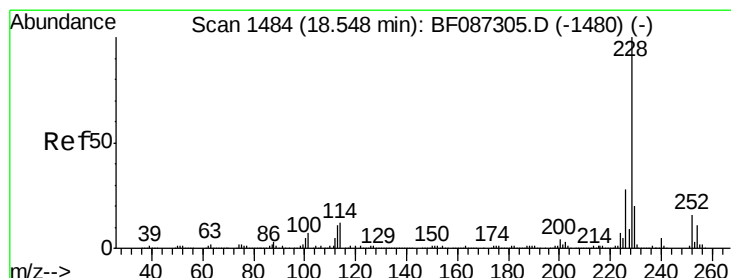
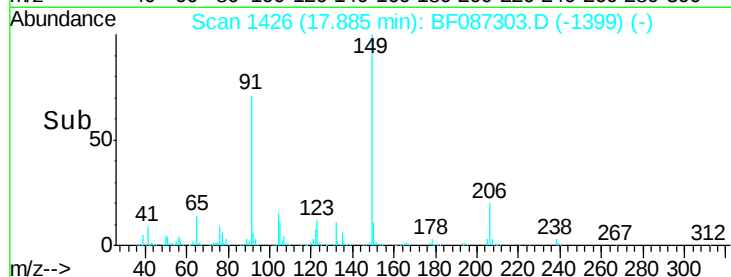
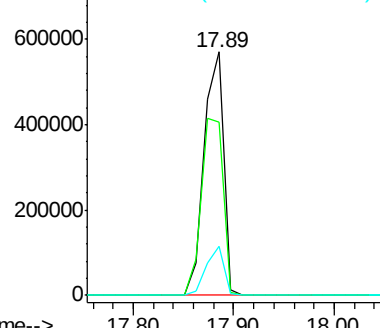
206 20.0 15.8 23.6



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: 59.07 ng

RT: 18.55 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

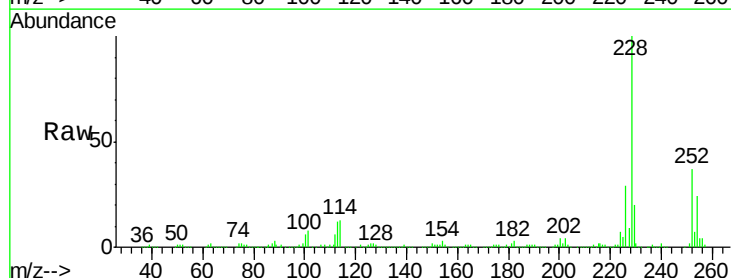
Tgt Ion:228 Resp: 1219393

Ion Ratio Lower Upper

228 100

226 28.8 22.5 33.7

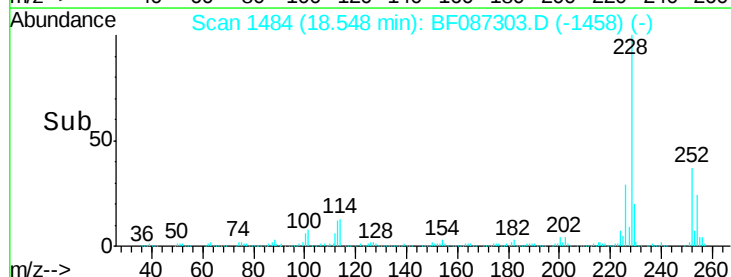
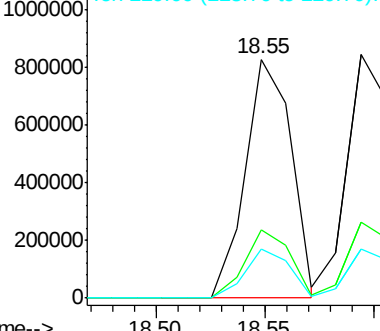
229 20.5 16.6 25.0

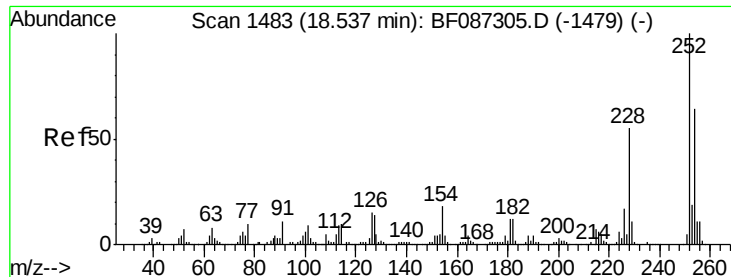


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

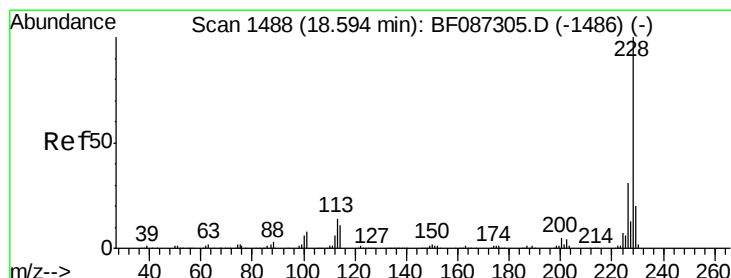
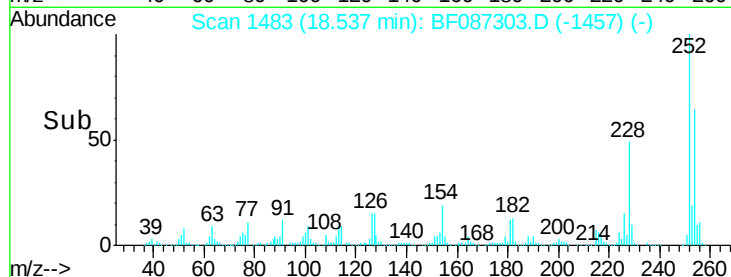
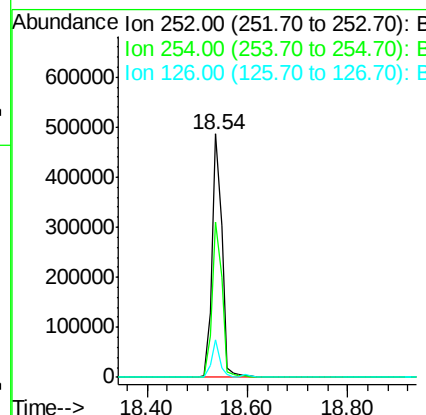
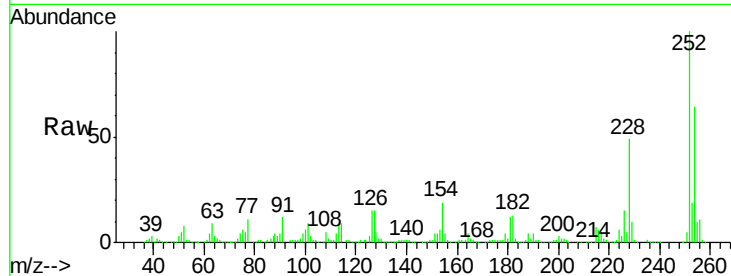




#81
 3,3'-Dichlorobenzidine
 Concen: 52.32 ng
 RT: 18.54 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

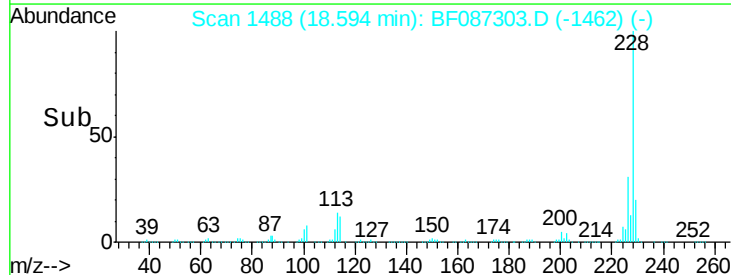
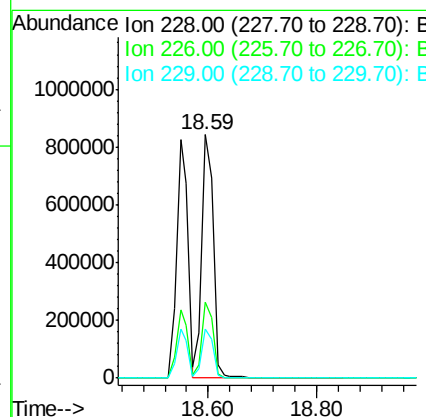
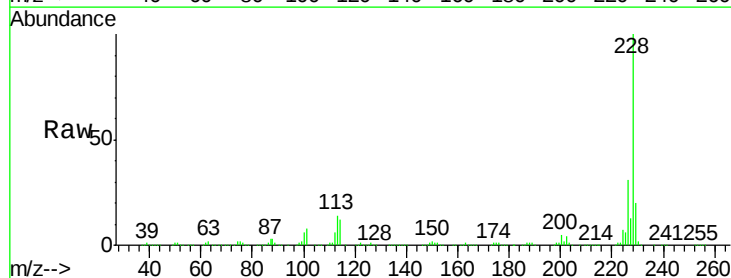
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

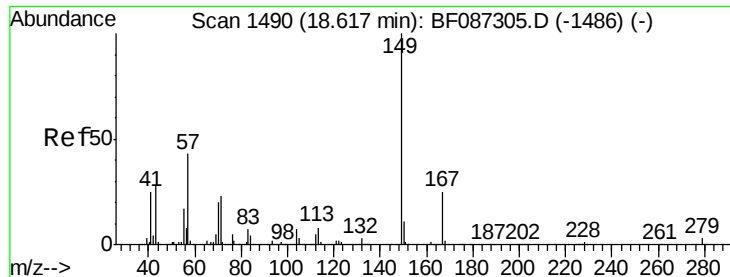
Tgt Ion: 252 Resp: 669704
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.7 76.1
 126 15.2 12.7 19.1



#82
 Chrysene
 Concen: 61.43 ng
 RT: 18.59 min Scan# 1488
 Delta R.T. -0.00 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

Tgt Ion: 228 Resp: 1219178
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.4 36.6
 229 20.2 15.8 23.8

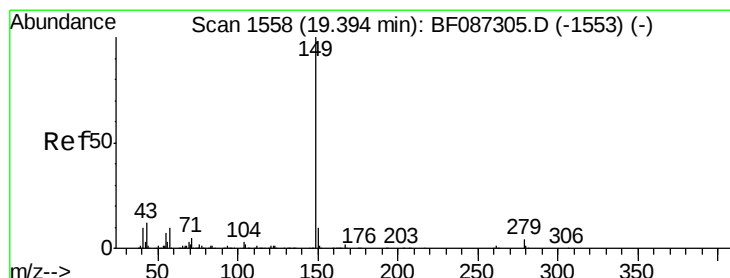
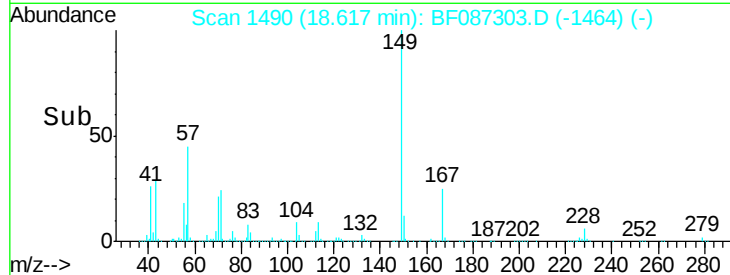
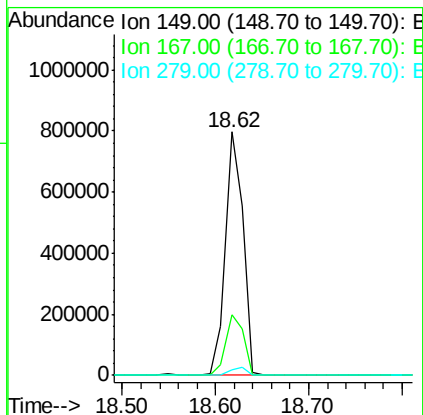
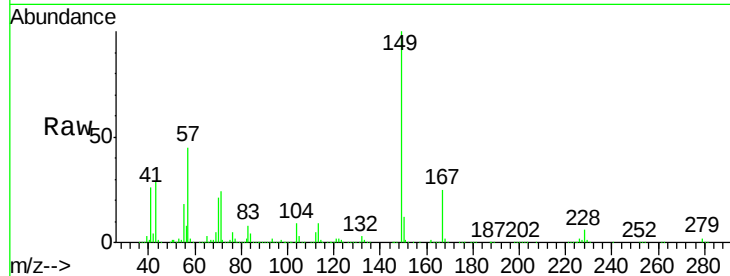




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 77.08 ng
 RT: 18.62 min Scan# 1490
 Delta R.T. -0.00 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

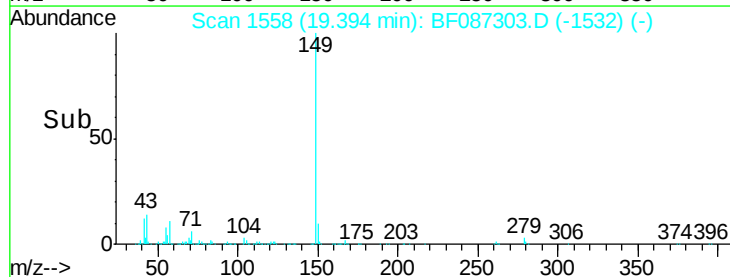
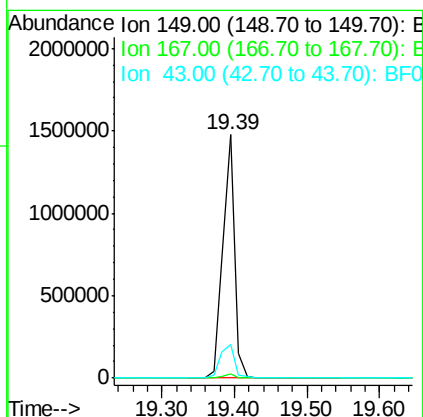
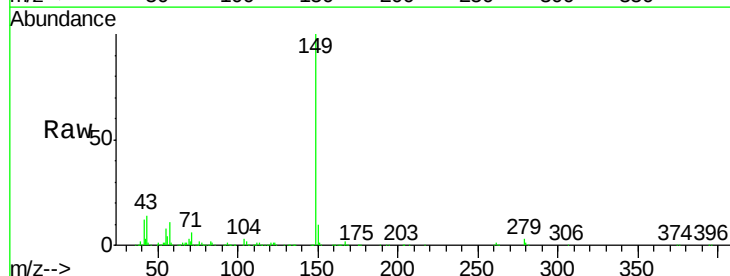
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

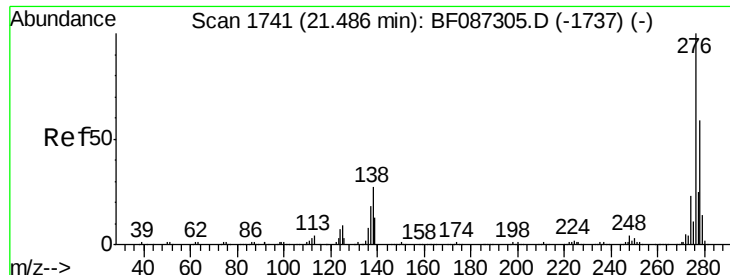
Tgt Ion:149 Resp: 1053541
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.8 32.6
 279 2.3 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 70.33 ng
 RT: 19.39 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BF087303.D
 Acq: 23 May 2016 16:35

Tgt Ion:149 Resp: 1648308
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 17.3 8.2 12.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 59.55 ng

RT: 21.50 min Scan# 1742

Delta R.T. 0.01 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

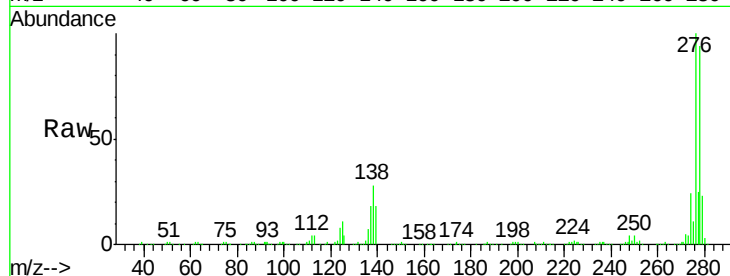
Tgt Ion:276 Resp: 1029453

Ion Ratio Lower Upper

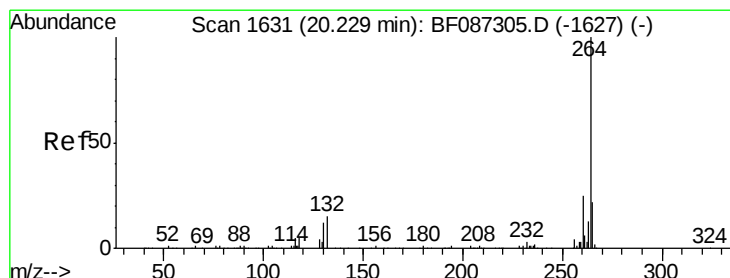
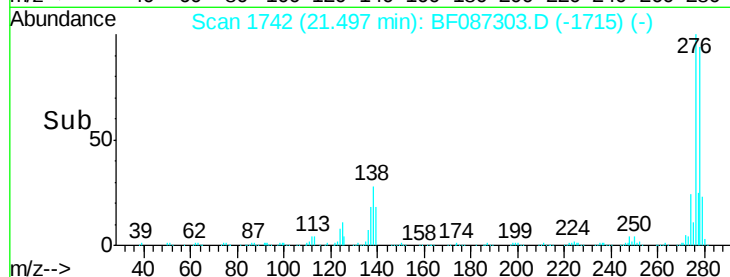
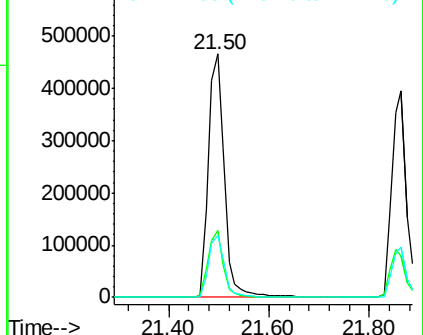
276 100

138 26.7 25.6 38.4

277 25.2 20.5 30.7



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.23 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

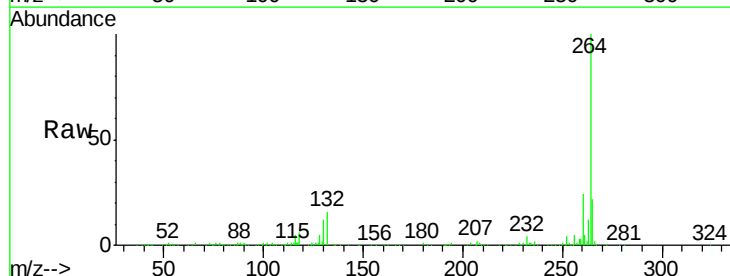
Tgt Ion:264 Resp: 286781

Ion Ratio Lower Upper

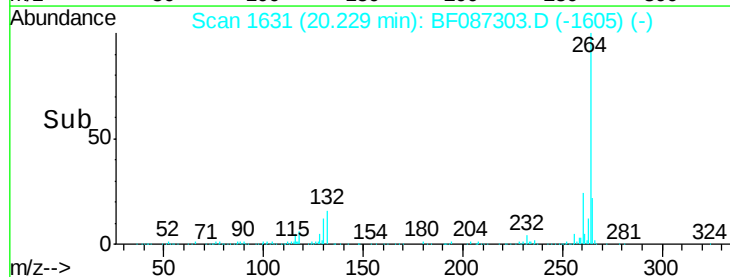
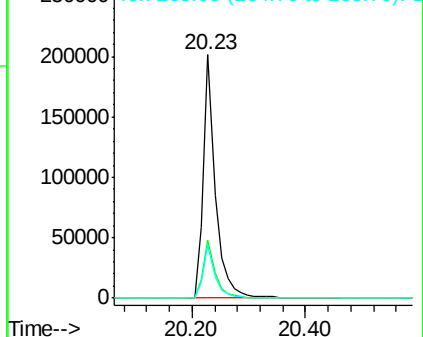
264 100

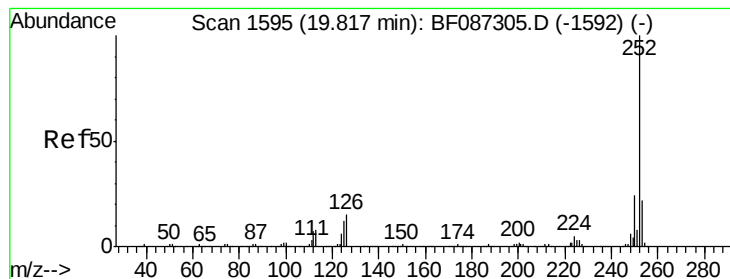
260 24.1 19.5 29.3

265 21.7 17.3 25.9



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





#87

Benzo(b)fluoranthene

Concen: 104.41 ng

RT: 19.85 min Scan# 1598

Delta R.T. 0.03 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

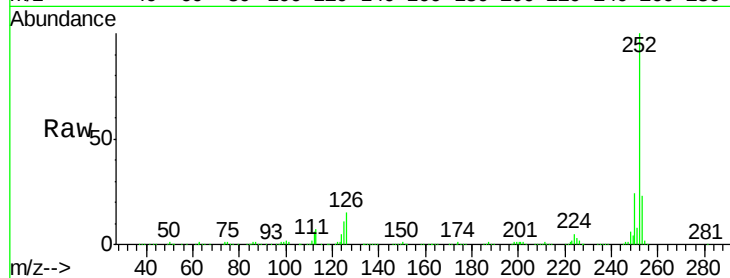
Tgt Ion:252 Resp: 2045242

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

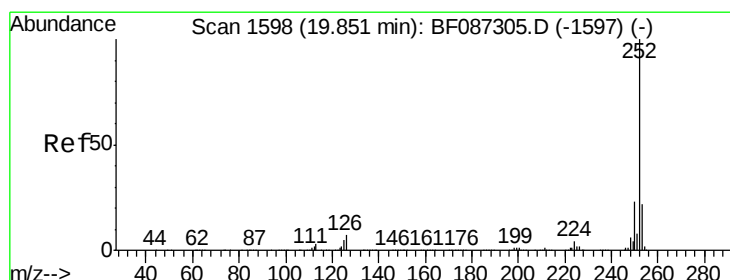
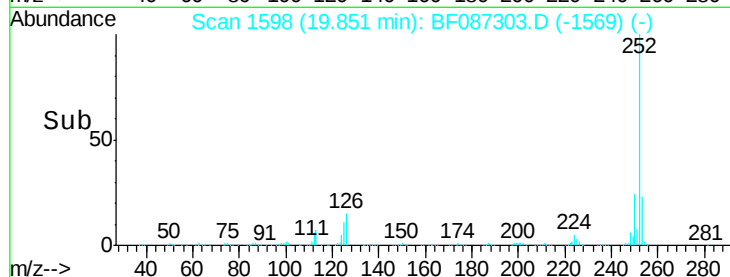
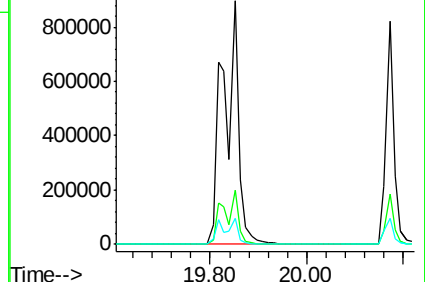
125 10.5 11.4 17.0#



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



#88

Benzo(k)fluoranthene

Concen: 149.36 ng

RT: 19.85 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

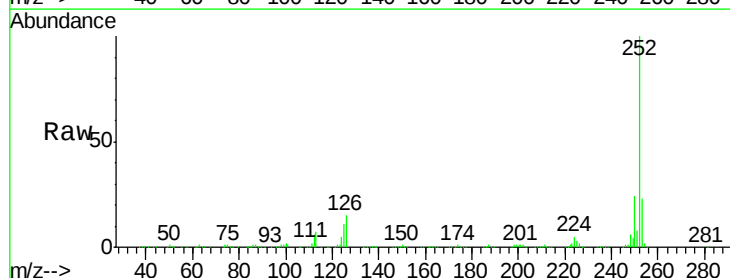
Tgt Ion:252 Resp: 2046883

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

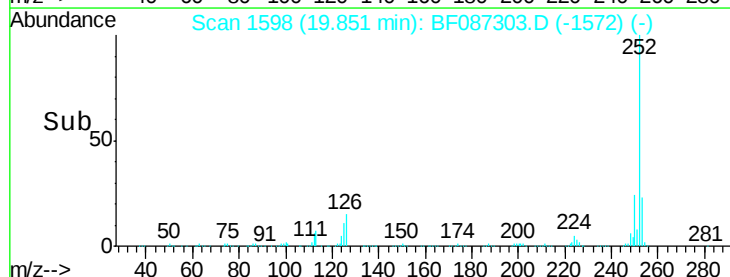
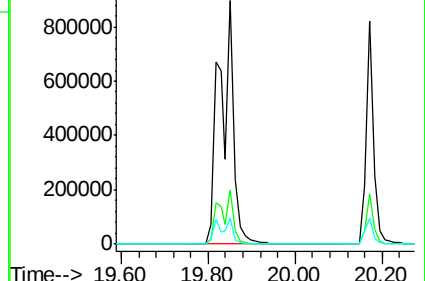
125 10.5 9.1 13.7

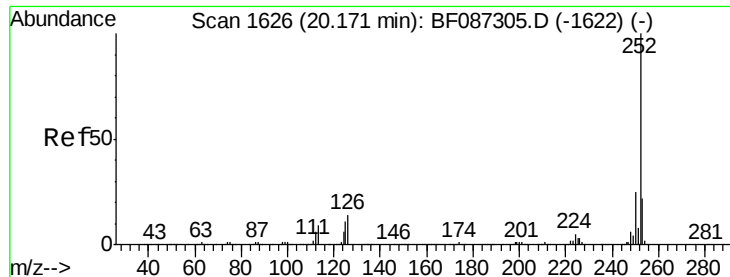


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 59.94 ng

RT: 20.17 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

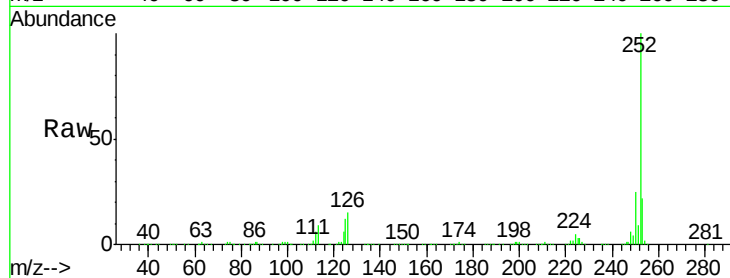
Tgt Ion:252 Resp: 948783

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

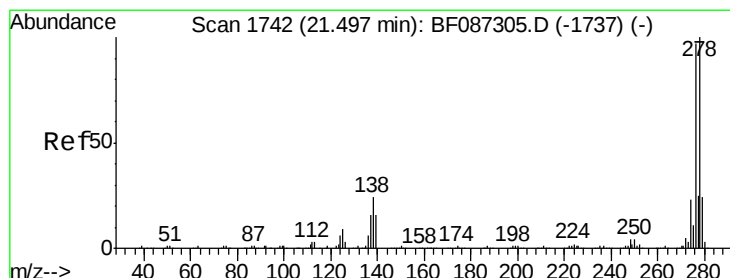
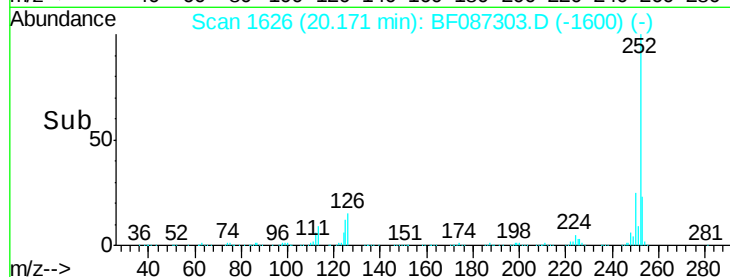
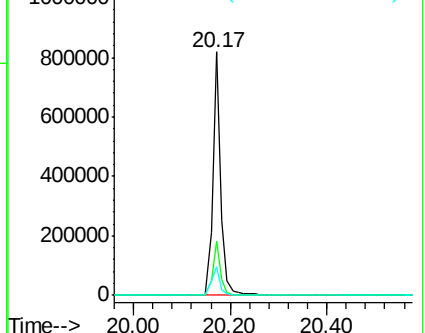
125 11.6 9.0 13.6



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: 63.93 ng

RT: 21.50 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

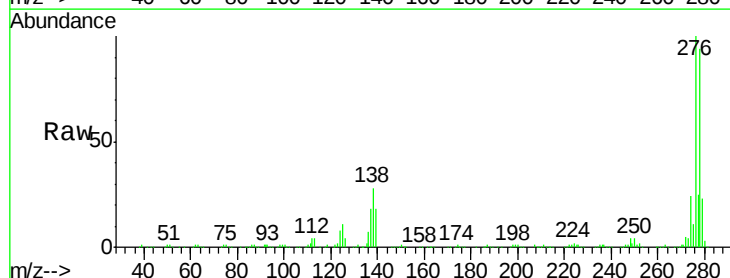
Tgt Ion:278 Resp: 858296

Ion Ratio Lower Upper

278 100

139 19.5 16.6 24.8

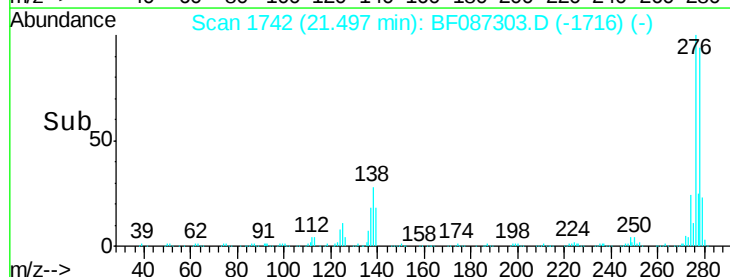
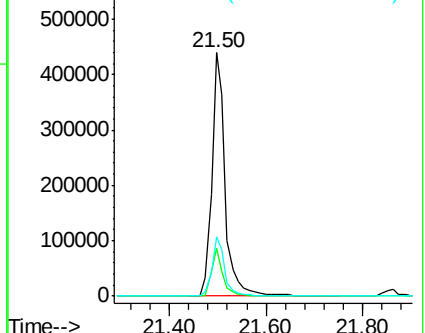
279 24.3 19.6 29.4

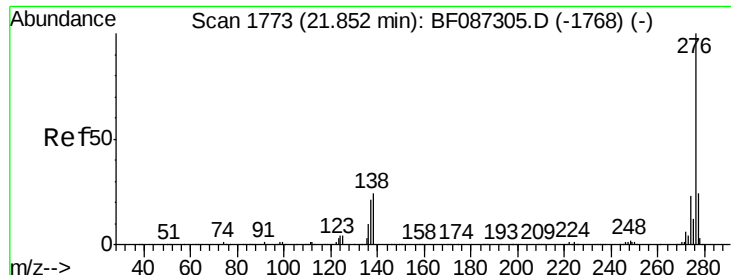


Abundance Ion 278.00 (277.70 to 278.70): E

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: 64.05 ng

RT: 21.86 min Scan# 1774

Delta R.T. 0.01 min

Lab File: BF087303.D

Acq: 23 May 2016 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

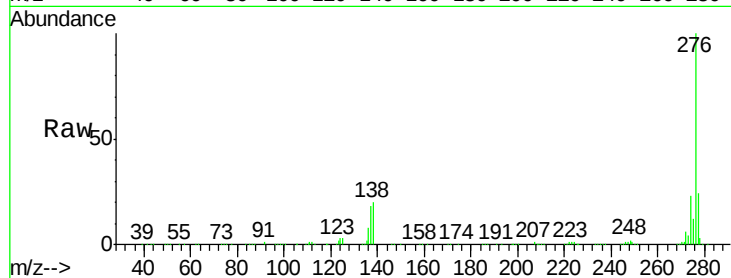
Tgt Ion: 276 Resp: 862464

Ion Ratio Lower Upper

276 100

277 24.1 19.6 29.4

138 20.3 23.6 35.4#



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

