

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
 Data File : BF086320.D
 Acq On : 20 Apr 2016 20:41
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 21 01:01:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	254025	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	1026015	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	456470	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	702213	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	414959	20.00	ng	-0.03
86) Perylene-d12	15.44	264	446964	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1130743	77.66	ng	-0.03
7) Phenol-d6	6.49	99	1473426	77.33	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1355375	75.66	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	286986	80.66	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2047770	85.97	ng	-0.03
78) Terphenyl-d14	12.97	244	1391687	79.83	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	303076	38.43	ng	96
3) Pyridine	3.18	79	820260	40.62	ng	98
4) n-Nitrosodimethylamine	3.13	42	285248	41.00	ng	# 75
6) Aniline	6.52	93	1008907	39.35	ng	95
8) 2-Chlorophenol	6.65	128	661575	38.25	ng	87
9) Benzaldehyde	6.41	77	525808	38.94	ng	95
10) Phenol	6.51	94	839496	38.45	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	738242	38.71	ng	91
12) 1,3-Dichlorobenzene	6.88	146	749499	39.50	ng	99
13) 1,4-Dichlorobenzene	6.88	146	762431	37.61	ng	98
14) 1,2-Dichlorobenzene	7.04	146	678127	37.70	ng	98
15) Benzyl Alcohol	7.00	79	459169	38.79	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1056069	39.35	ng	91
17) 2-Methylphenol	7.12	107	554416	38.36	ng	98
18) Hexachloroethane	7.38	117	250159	41.40	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	436355	37.81	ng	98
20) 3+4-Methylphenols	7.28	107	595624	37.99	ng	# 76
22) Acetophenone	7.28	105	810479	37.60	ng	# 89
24) Nitrobenzene	7.45	77	738801	38.55	ng	95
25) Isophorone	7.69	82	1275189	37.57	ng	99
26) 2-Nitrophenol	7.77	139	366483	42.75	ng	# 76
27) 2,4-Dimethylphenol	7.80	122	625439	37.20	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	806367	40.62	ng	99
29) 2,4-Dichlorophenol	8.01	162	542537	40.92	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	544790	38.09	ng	99
31) Naphthalene	8.17	128	1921010	39.28	ng	99
32) Benzoic acid	7.92	122	375321	37.56	ng	97
33) 4-Chloroaniline	8.22	127	817225	40.37	ng	# 93
34) Hexachlorobutadiene	8.29	225	271155	37.61	ng	97
35) Caprolactam	8.60	113	178481	41.57	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	601106	40.32	ng	98
37) 2-Methylnaphthalene	8.86	142	1164080	38.54	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	469173	38.61	ng	96
40) Hexachlorocyclopentadiene	9.01	237	126409	43.26	ng	98

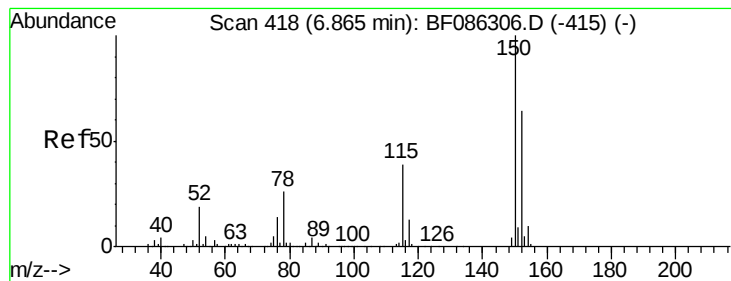
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	334119	39.64	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	361541	39.38	ng	# 82
45) 1,1'-Biphenyl	9.33	154	1379202	38.47	ng	95
46) 2-Chloronaphthalene	9.36	162	1113828	41.00	ng	94
47) 2-Nitroaniline	9.45	65	369274	40.00	ng	# 81
48) Acenaphthylene	9.77	152	1750684	41.27	ng	99
49) Dimethylphthalate	9.63	163	1337903	38.50	ng	100
50) 2,6-Dinitrotoluene	9.69	165	279690	39.11	ng	# 78
51) Acenaphthene	9.94	154	1039086	41.75	ng	100
52) 3-Nitroaniline	9.86	138	362293	39.84	ng	86
53) 2,4-Dinitrophenol	9.96	184	64845	46.47	ng	# 71
54) Dibenzofuran	10.11	168	1389839	41.08	ng	97
55) 4-Nitrophenol	10.02	139	213268	37.82	ng	# 77
56) 2,4-Dinitrotoluene	10.09	165	357127	40.18	ng	# 75
57) Fluorene	10.45	166	1033010	41.20	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	260664	42.32	ng	94
59) Diethylphthalate	10.33	149	1275572	37.61	ng	100
60) 4-Chlorophenyl-phenylether	10.44	204	450975	38.84	ng	94
61) 4-Nitroaniline	10.46	138	322736	37.91	ng	90
62) Azobenzene	10.60	77	1265913	37.87	ng	97
64) 4,6-Dinitro-2-methylphenol	10.50	198	110420	49.75	ng	# 58
65) n-Nitrosodiphenylamine	10.57	169	966032	41.76	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	302832	40.14	ng	# 91
67) Hexachlorobenzene	11.00	284	300569	39.69	ng	# 65
68) Atrazine	11.09	200	296699	41.72	ng	94
69) Pentachlorophenol	11.18	266	174091	43.89	ng	94
70) Phenanthrene	11.41	178	1373600	41.28	ng	99
71) Anthracene	11.46	178	1479495	41.52	ng	99
72) Carbazole	11.62	167	1374254	40.75	ng	97
73) Di-n-butylphthalate	11.95	149	1821811	41.96	ng	99
74) Fluoranthene	12.59	202	1201213	38.93	ng	99
76) Benzidine	12.72	184	694245	37.90	ng	97
77) Pyrene	12.82	202	1182271	38.41	ng	99
79) Butylbenzylphthalate	13.44	149	635587	39.11	ng	# 72
80) Benzo(a)anthracene	14.01	228	825697	37.77	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	607014	40.15	ng	98
82) Chrysene	14.04	228	957795	40.54	ng	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	744068	39.10	ng	98
84) Di-n-octyl phthalate	14.61	149	1342499	39.15	ng	97
85) Indeno(1,2,3-cd)pyrene	16.83	276	992703	40.86	ng	97
87) Benzo(b)fluoranthene	15.06	252	1939324	75.02	ng	99
88) Benzo(k)fluoranthene	15.06	252	1940967	89.19	ng	# 96
89) Benzo(a)pyrene	15.38	252	948278	39.80	ng	99
90) Dibenzo(a,h)anthracene	16.85	278	839420	40.36	ng	98
91) Benzo(g,h,i)perylene	17.25	276	801398	40.18	ng	96

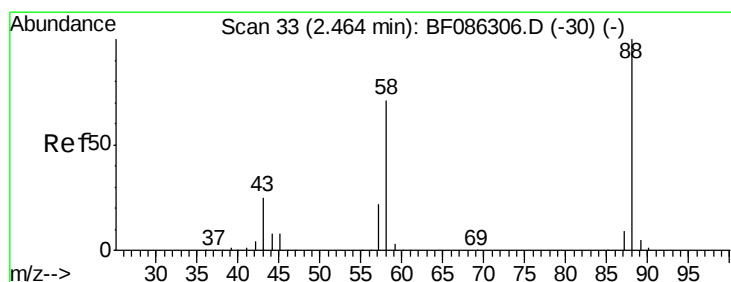
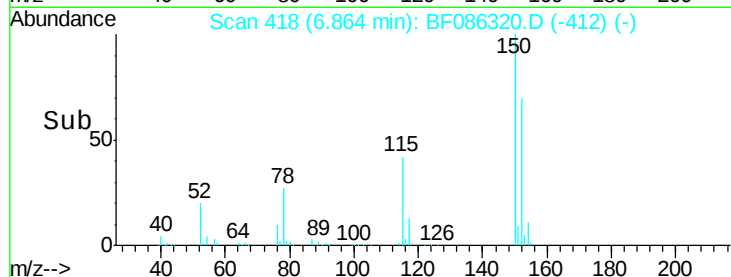
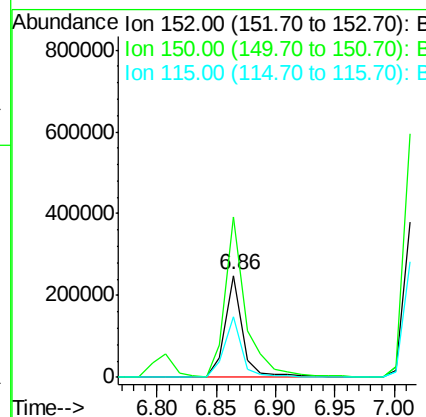
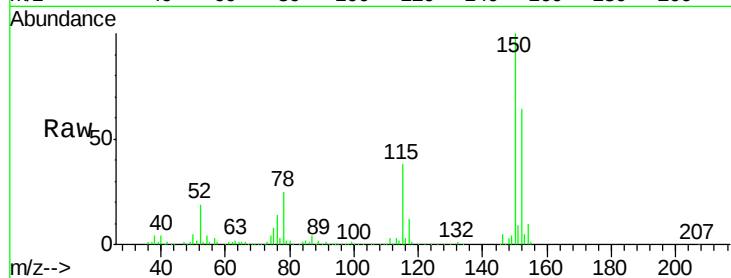
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

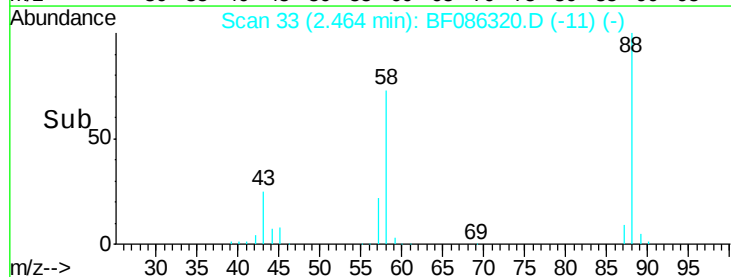
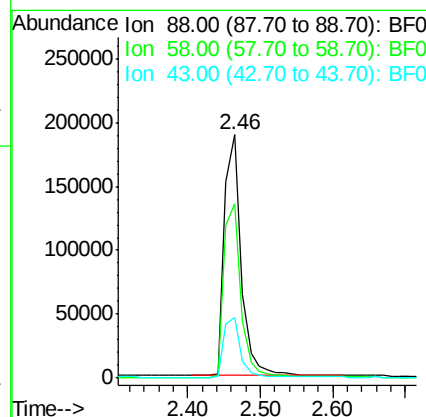
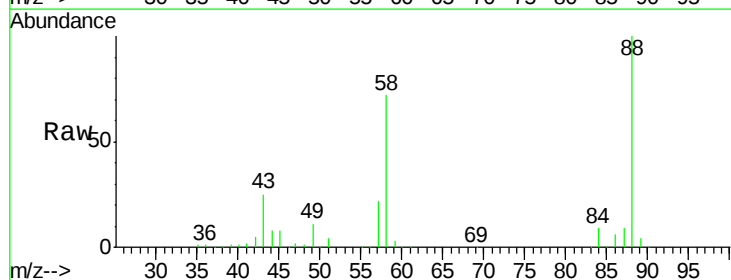
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

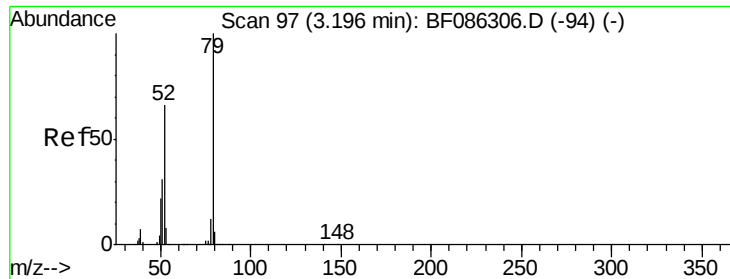
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.1	186.1
115	59.8	43.9	65.9



#2
 1,4-Dioxane
 Concen: 38.43 ng
 RT: 2.46 min Scan# 33
 Delta R.T. -0.05 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.9	58.4	87.6
43	25.7	23.3	34.9





#3

Pyridine

Concen: 40.62 ng

RT: 3.18 min Scan# 96

Delta R.T. -0.07 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

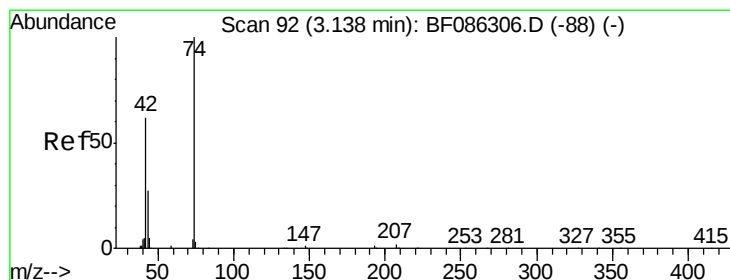
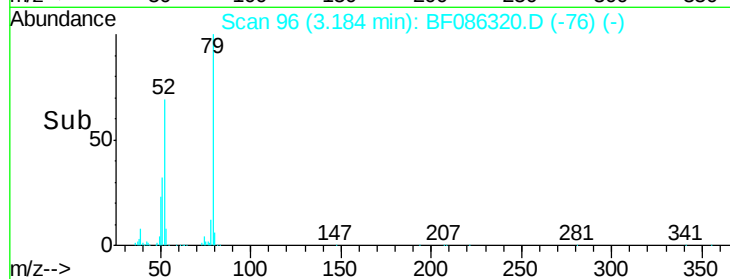
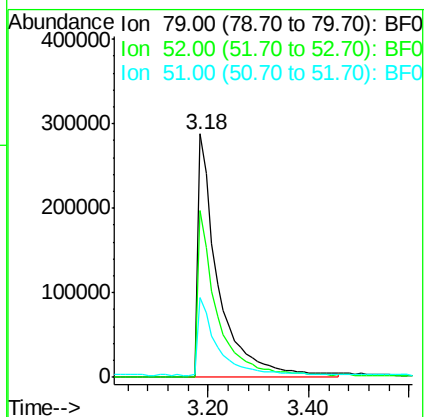
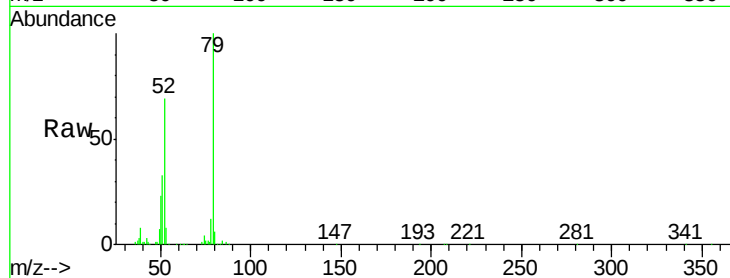
Tgt Ion: 79 Resp: 820260

Ion Ratio Lower Upper

79 100

52 68.6 55.4 83.2

51 32.7 28.1 42.1



#4

n-Nitrosodimethylamine

Concen: 41.00 ng

RT: 3.13 min Scan# 91

Delta R.T. -0.07 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

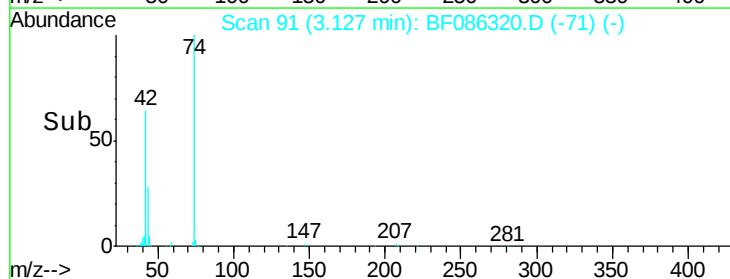
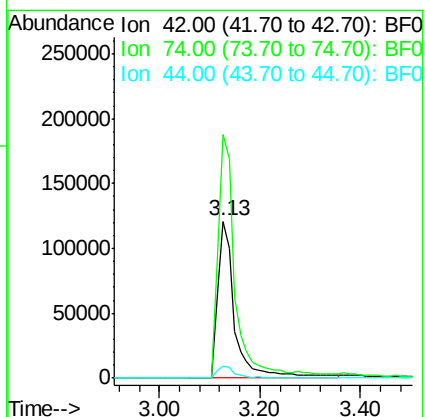
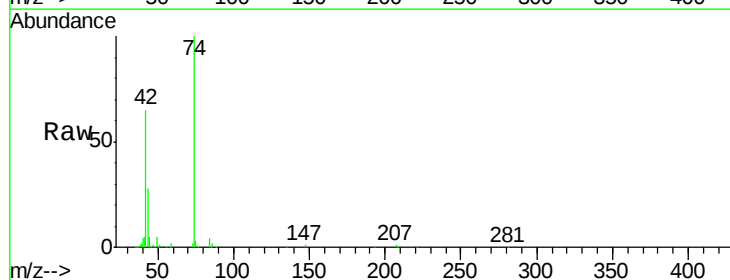
Tgt Ion: 42 Resp: 285248

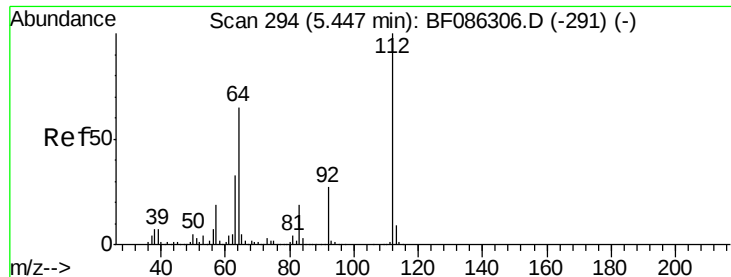
Ion Ratio Lower Upper

42 100

74 155.0 100.5 150.7#

44 7.9 5.4 8.0





#5

2-Fluorophenol

Concen: 77.66 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

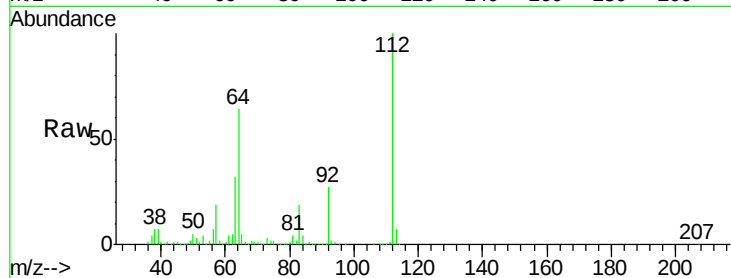
Tgt Ion: 112 Resp: 1130743

Ion Ratio Lower Upper

112 100

64 63.9 48.1 72.1

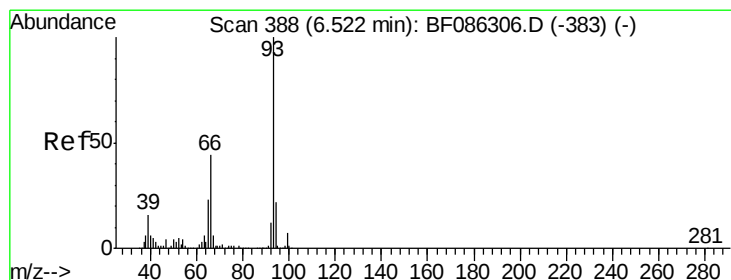
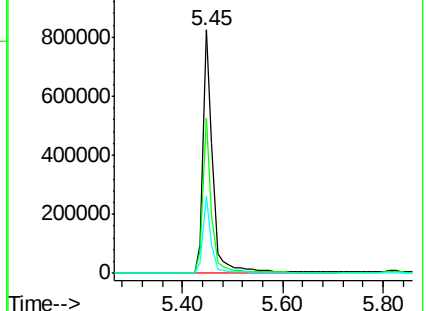
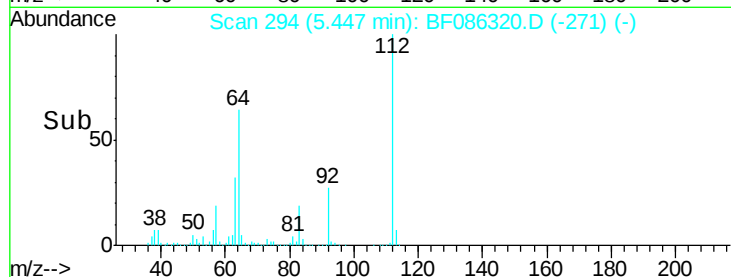
63 31.9 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.35 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

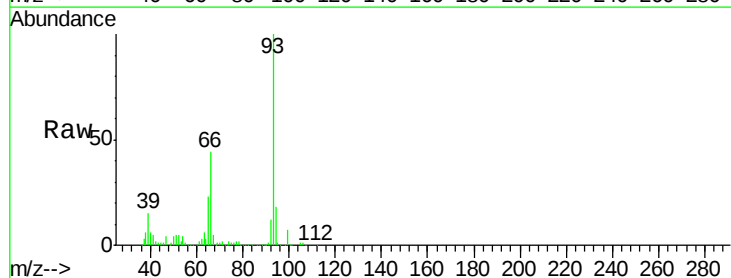
Tgt Ion: 93 Resp: 1008907

Ion Ratio Lower Upper

93 100

66 43.6 32.2 48.2

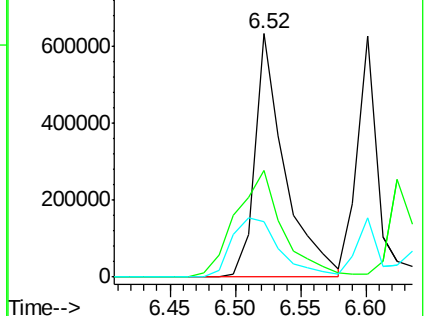
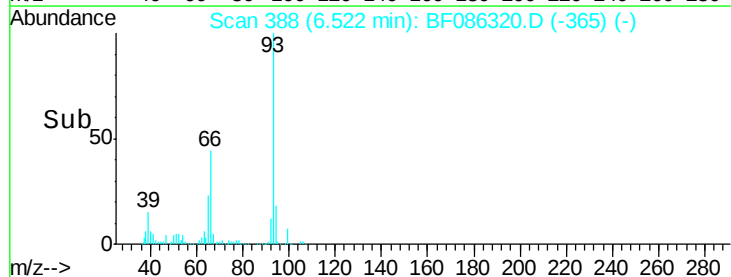
65 22.9 16.4 24.6

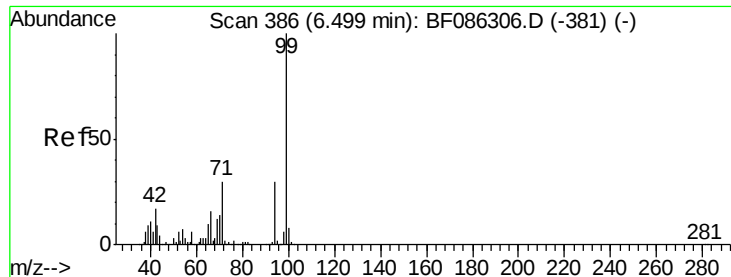


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.33 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

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ClientSampleId :

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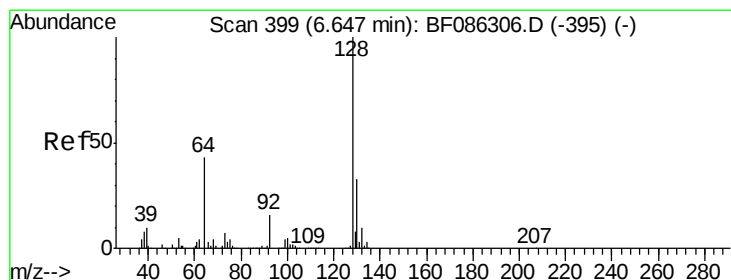
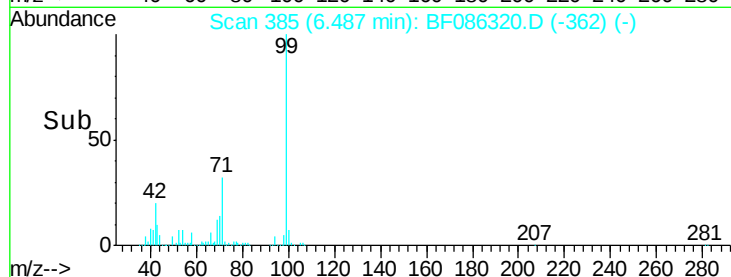
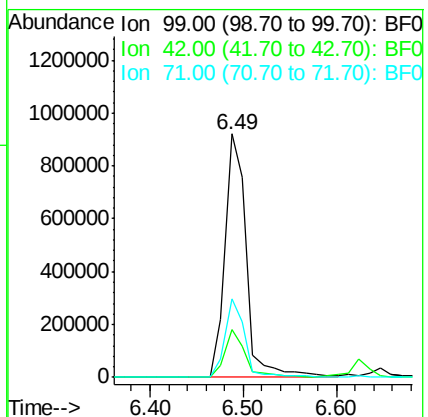
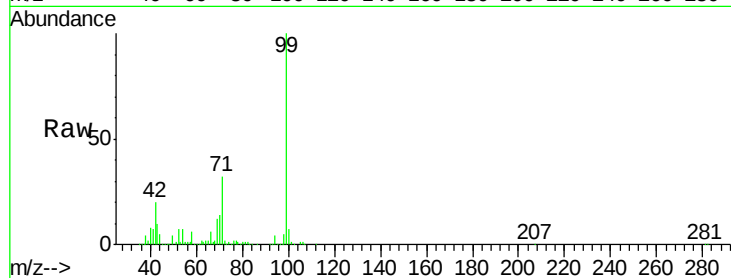
Tgt Ion: 99 Resp: 1473426

Ion Ratio Lower Upper

99 100

42 19.6 15.4 23.2

71 32.1 25.6 38.4



#8

2-Chlorophenol

Concen: 38.25 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

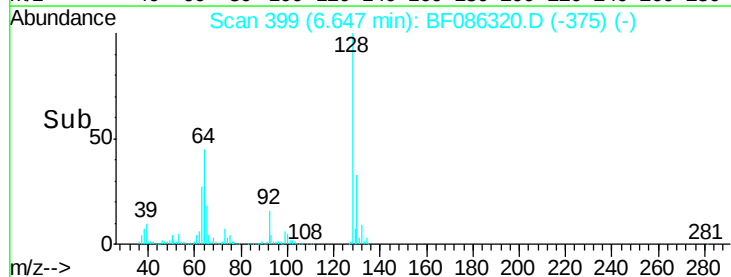
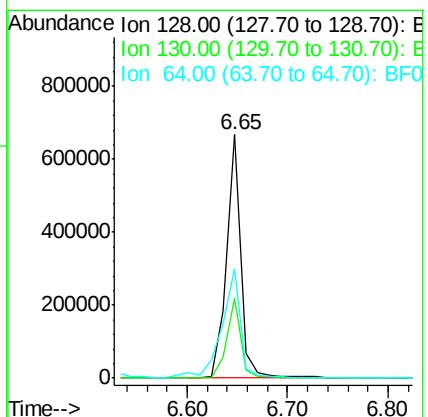
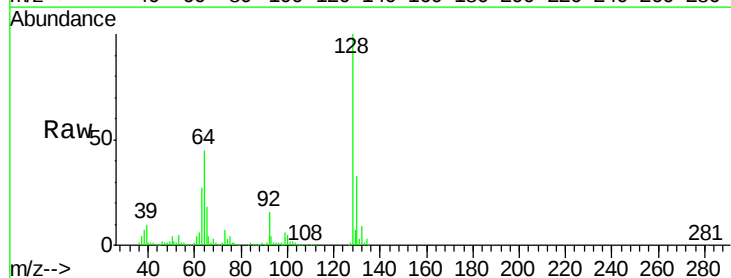
Tgt Ion: 128 Resp: 661575

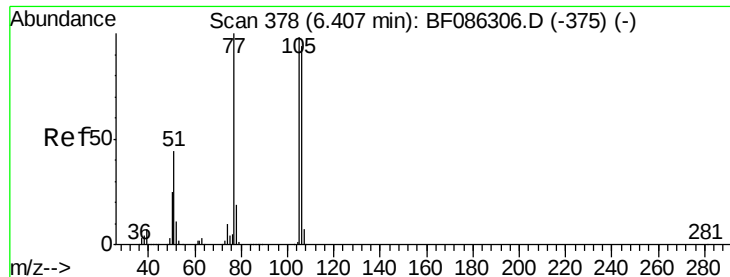
Ion Ratio Lower Upper

128 100

130 32.9 11.8 51.8

64 44.7 39.5 79.5





#9

Benzaldehyde

Concen: 38.94 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

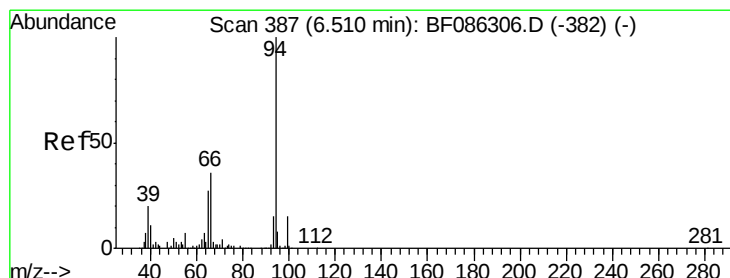
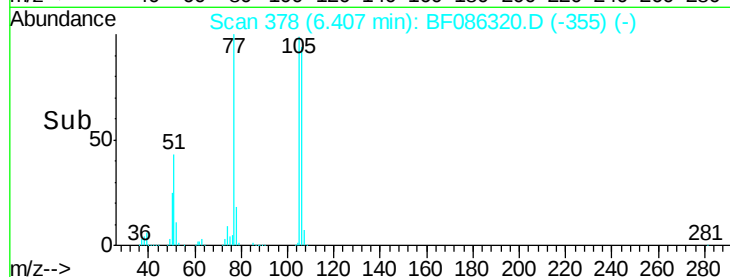
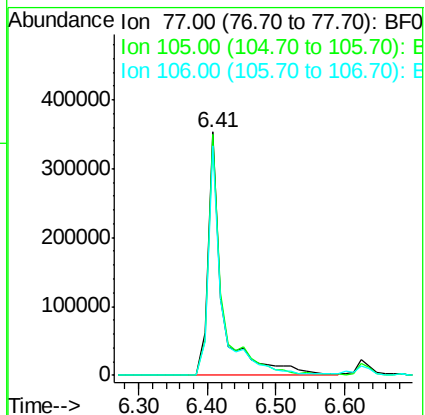
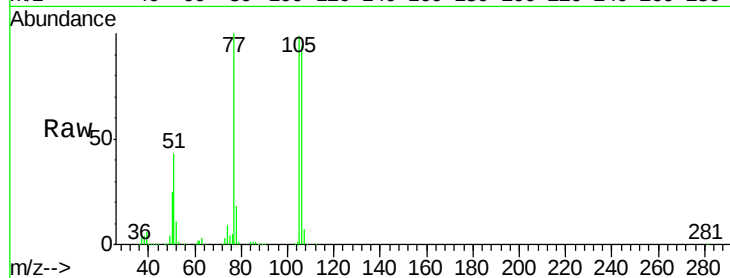
Tgt Ion: 77 Resp: 525808

Ion Ratio Lower Upper

77 100

105 98.8 84.6 124.6

106 94.2 78.6 118.6



#10

Phenol

Concen: 38.45 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

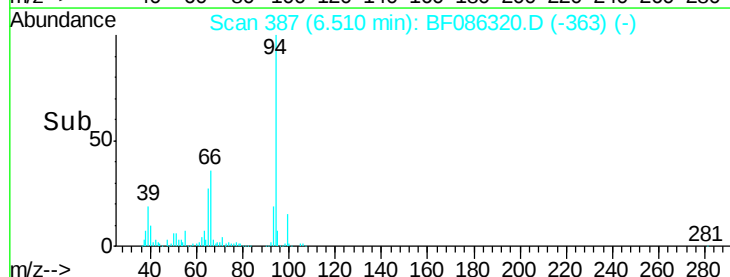
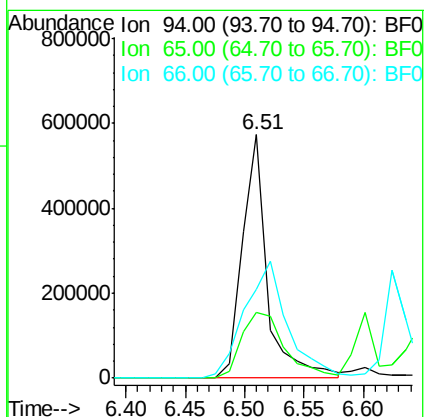
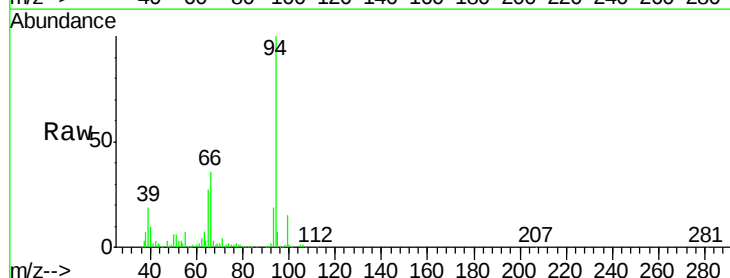
Tgt Ion: 94 Resp: 839496

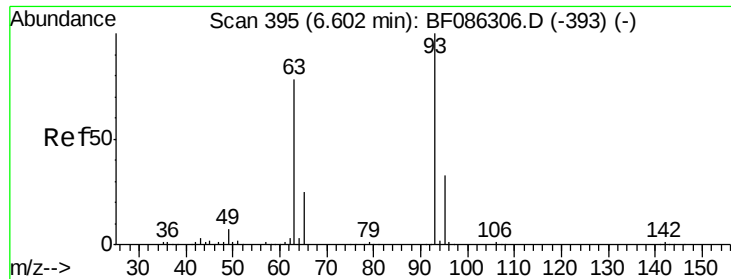
Ion Ratio Lower Upper

94 100

65 27.1 7.9 47.9

66 36.3 16.5 56.5

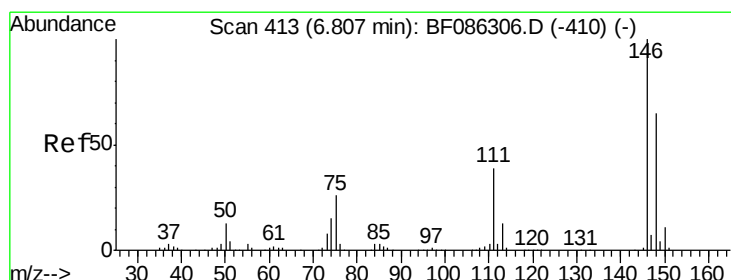
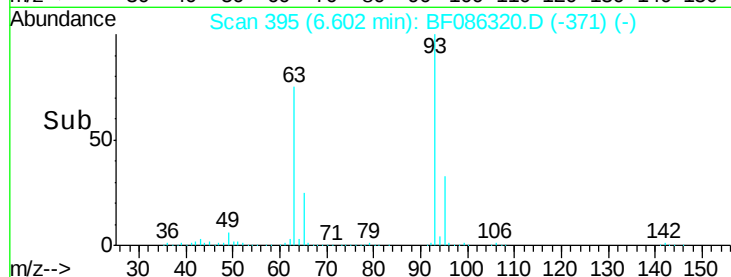
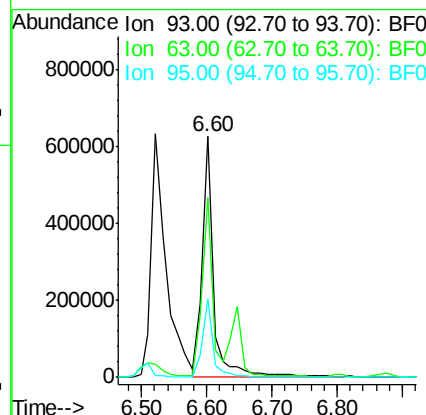
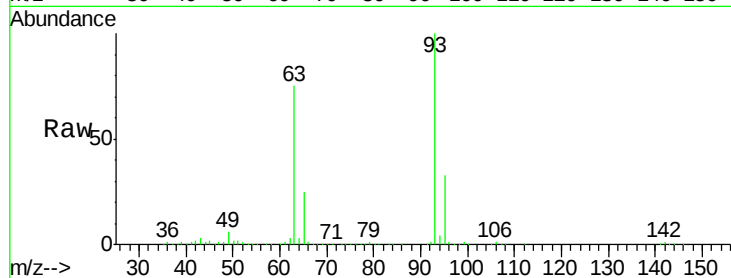




#11
bis(2-Chloroethyl)ether
Concen: 38.71 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

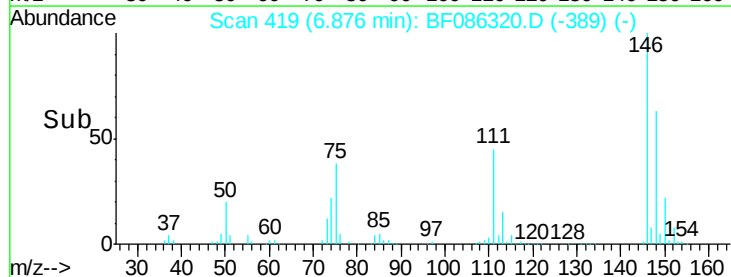
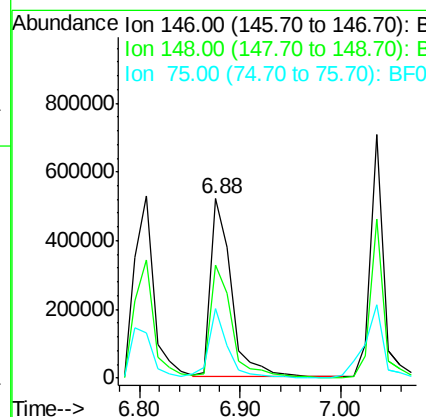
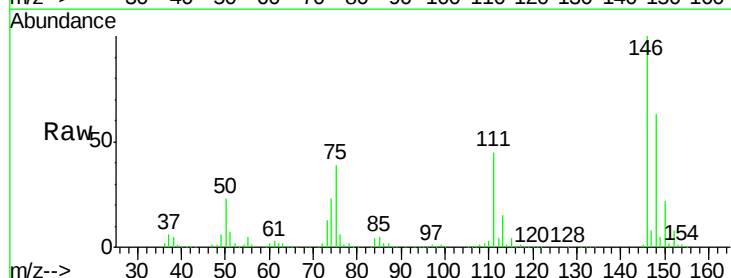
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

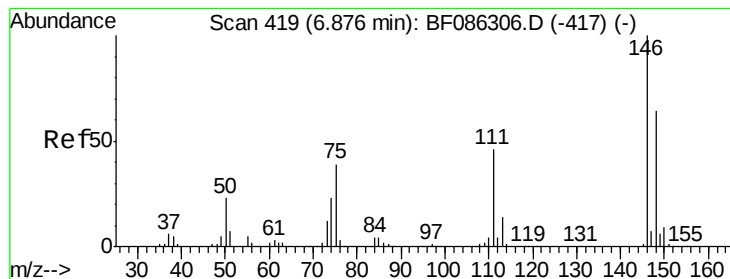
Tgt Ion: 93 Resp: 738242
Ion Ratio Lower Upper
93 100
63 74.7 44.4 84.4
95 32.5 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 39.50 ng
RT: 6.88 min Scan# 413
Delta R.T. 0.05 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Tgt Ion: 146 Resp: 749499
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.4
75 38.6 29.9 44.9





#13

1,4-Dichlorobenzene

Concen: 37.61 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

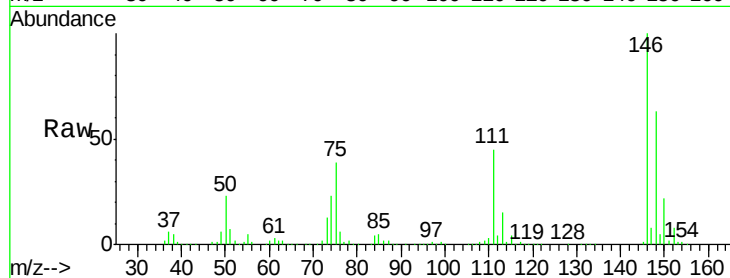
Tgt Ion:146 Resp: 762431

Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.6

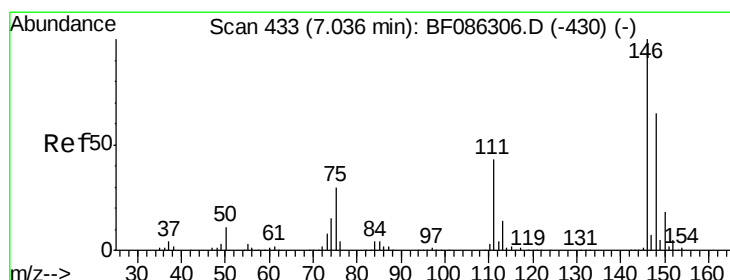
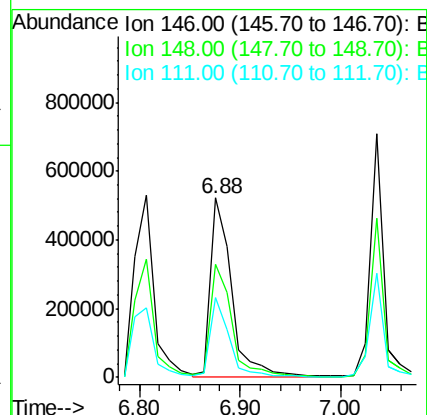
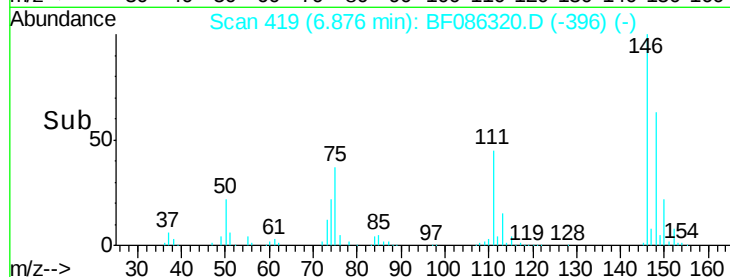
111 44.8 34.9 52.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.70 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

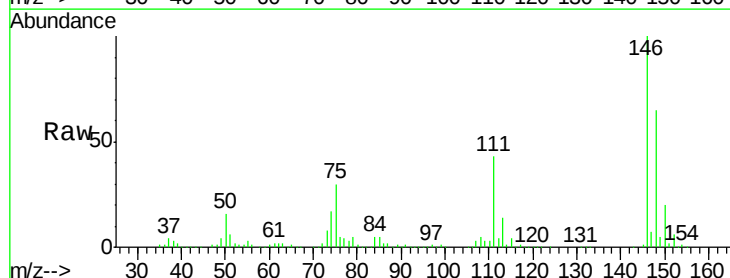
Tgt Ion:146 Resp: 678127

Ion Ratio Lower Upper

146 100

148 65.3 52.2 78.2

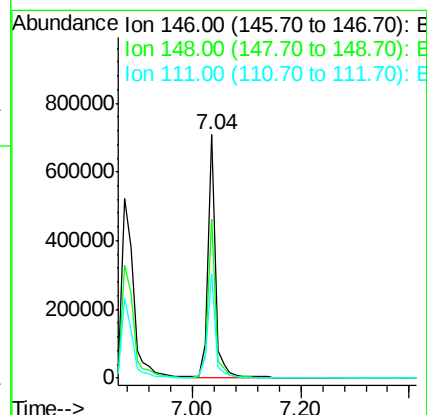
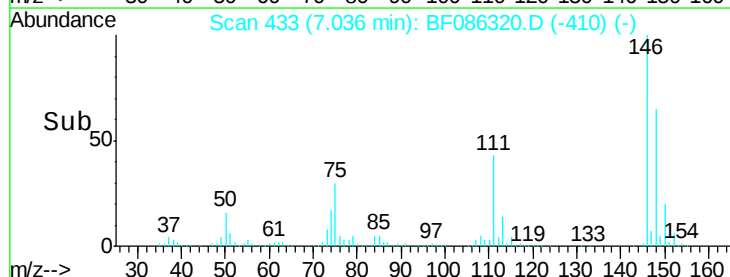
111 42.6 31.0 46.4

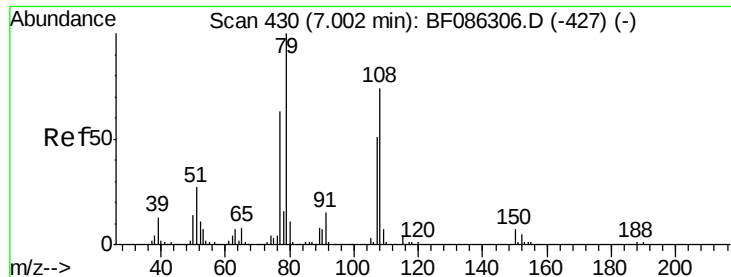


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.79 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

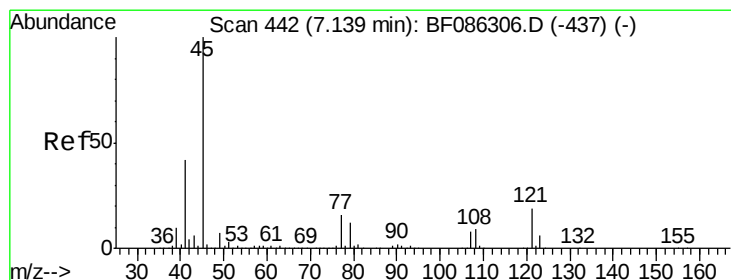
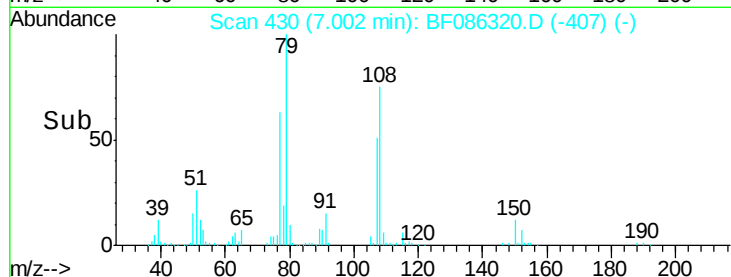
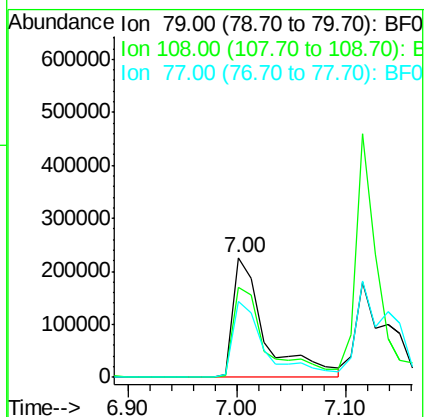
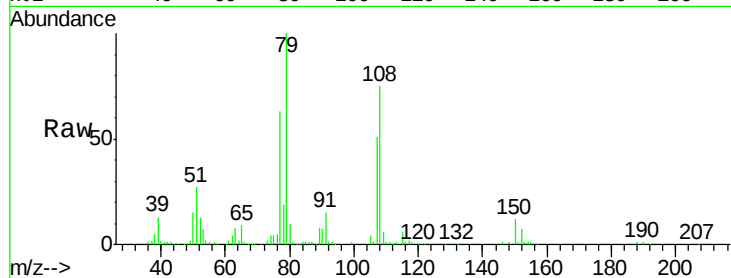
Tgt Ion: 79 Resp: 459169

Ion Ratio Lower Upper

79 100

108 75.2 64.8 97.2

77 63.0 51.9 77.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.35 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

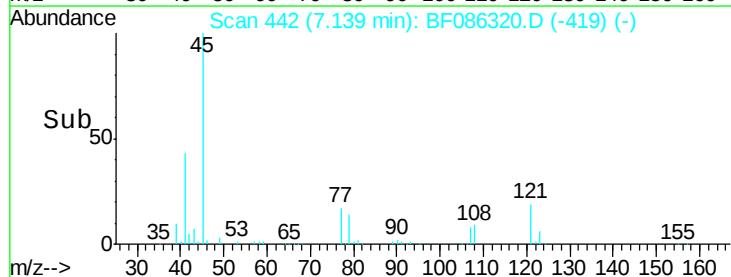
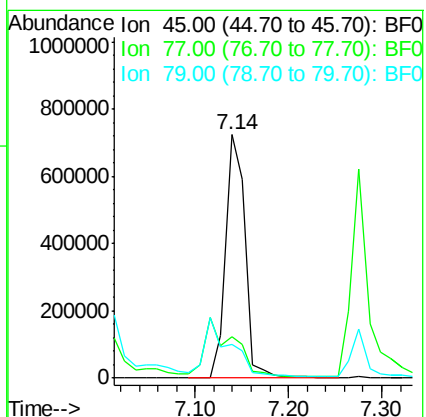
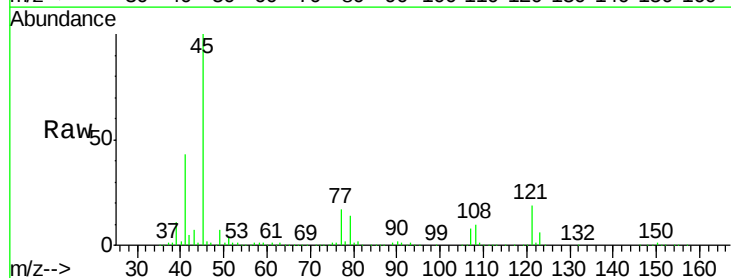
Tgt Ion: 45 Resp: 1056069

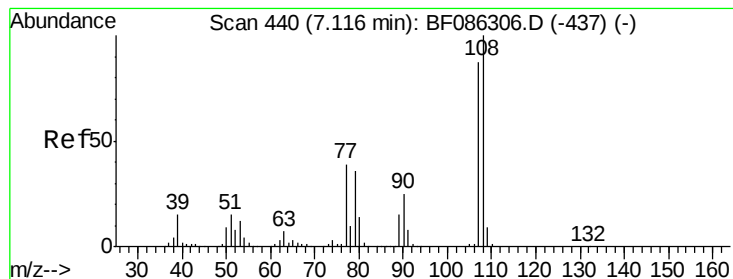
Ion Ratio Lower Upper

45 100

77 17.1 0.0 33.7

79 13.7 0.0 30.1





#17

2-Methylphenol

Concen: 38.36 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 554416

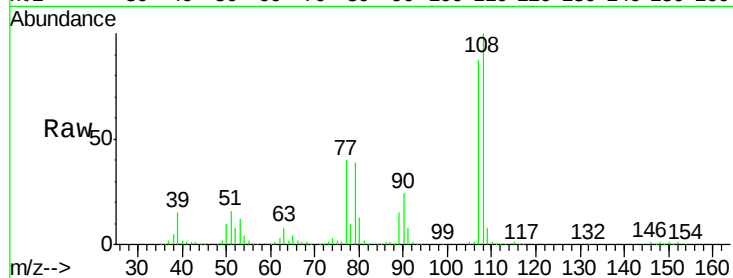
Ion Ratio Lower Upper

107 100

108 115.4 92.7 139.1

77 45.7 39.6 59.4

79 45.3 37.4 56.2

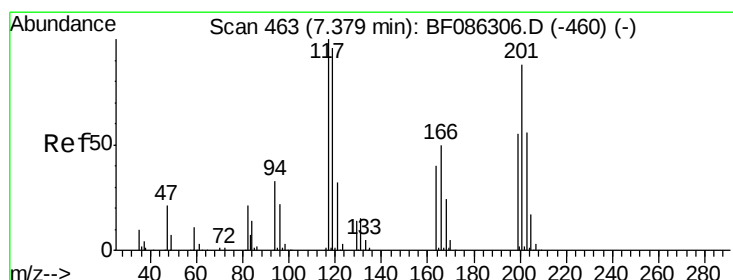
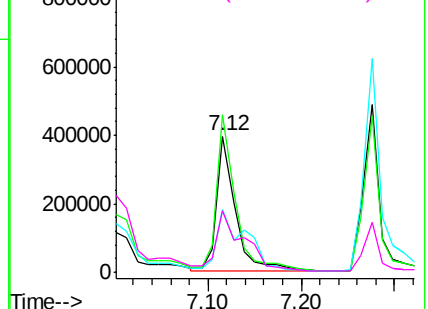
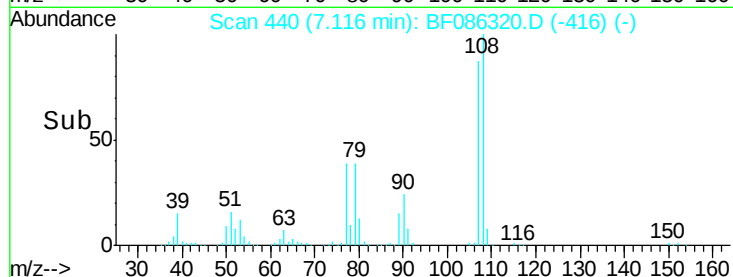


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.40 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

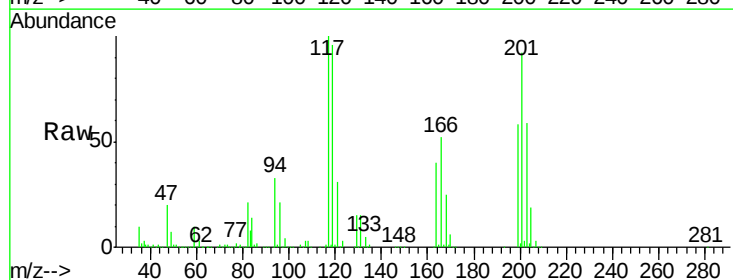
Tgt Ion:117 Resp: 250159

Ion Ratio Lower Upper

117 100

119 96.2 78.2 117.4

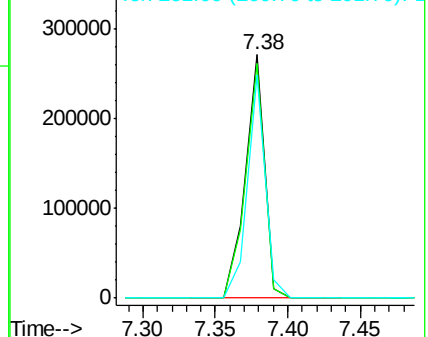
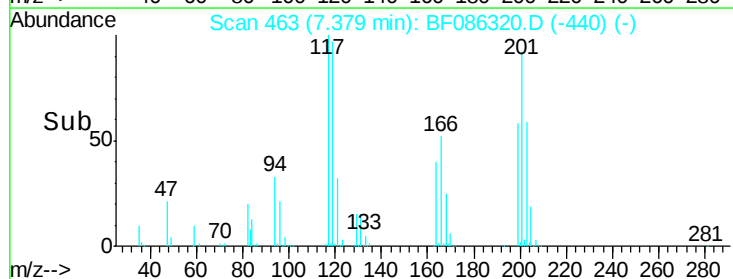
201 91.6 75.7 113.5

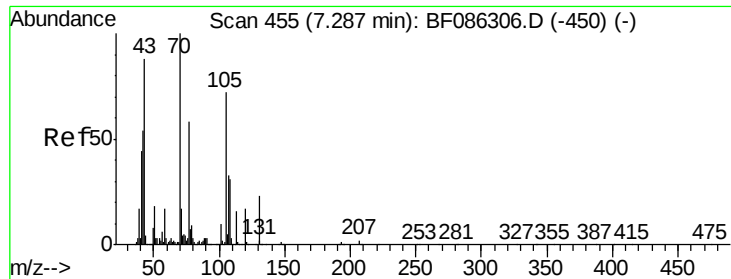


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

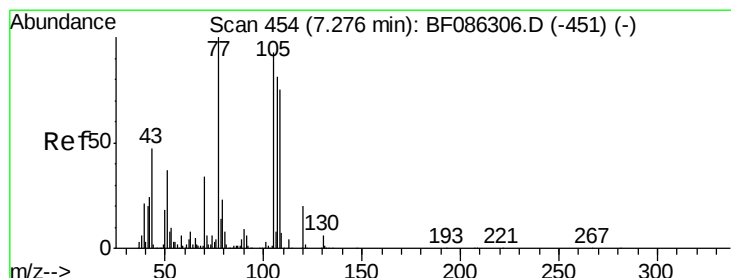
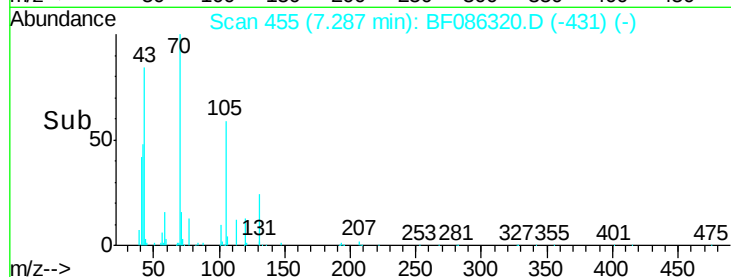
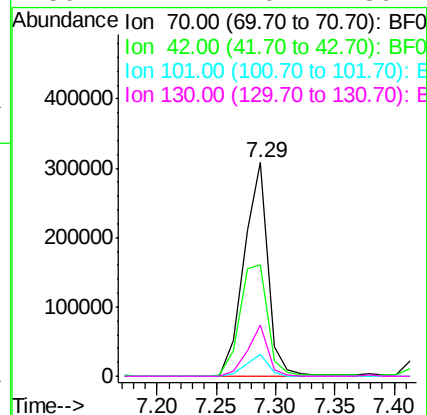
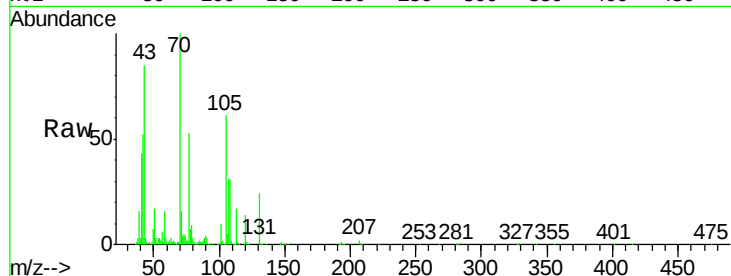




#19
 n-Nitroso-di-n-propylamine
 Concen: 37.81 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

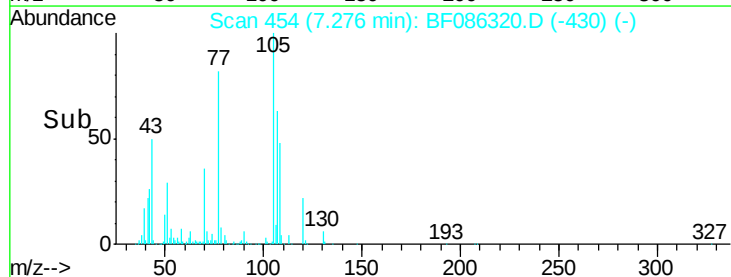
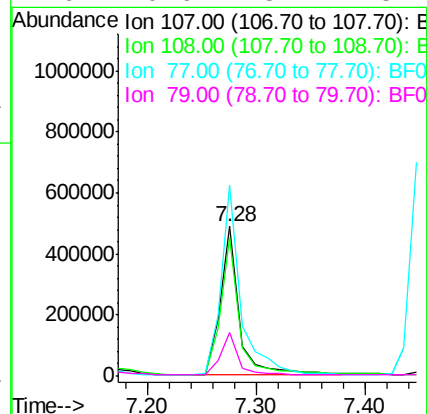
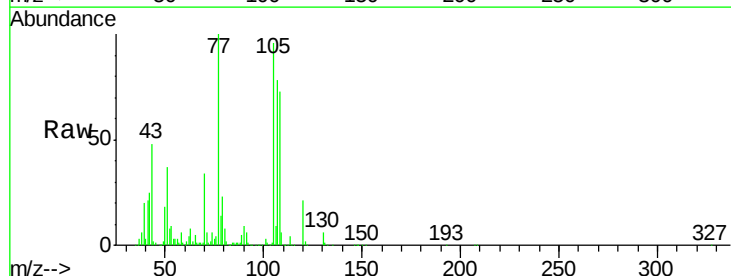
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

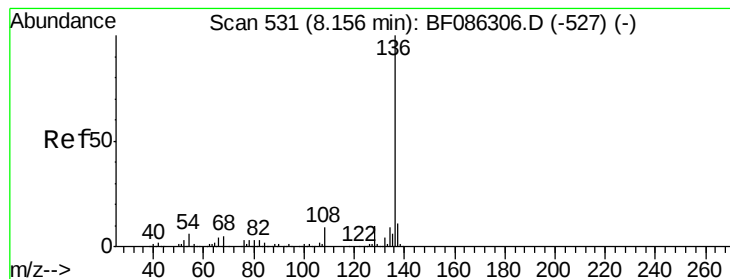
Tgt Ion:	70	Resp:	436355
Ion	Ratio	Lower	Upper
70	100		
42	52.0	43.0	64.4
101	10.3	8.1	12.1
130	24.1	20.1	30.1



#20
 3+4-Methylphenols
 Concen: 37.99 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Tgt Ion:	107	Resp:	595624
Ion	Ratio	Lower	Upper
107	100		
108	93.1	69.7	109.7
77	127.6	60.5	100.5#
79	29.6	8.1	48.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 1026015

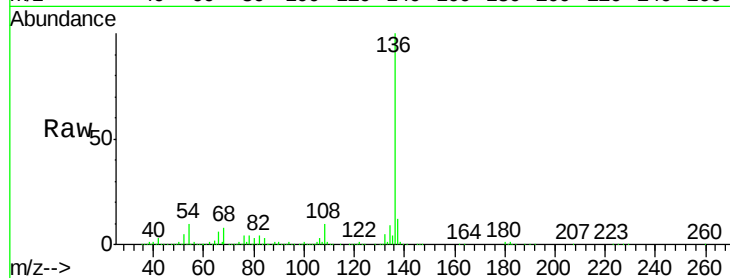
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.9 7.3 10.9

68 8.0 5.7 8.5

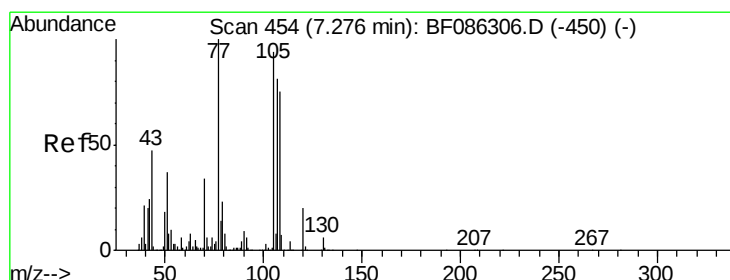
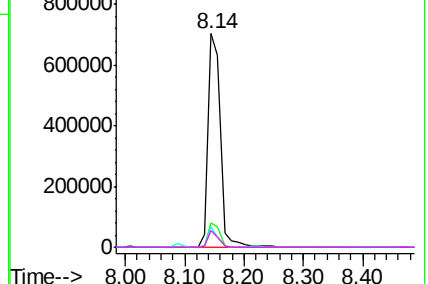
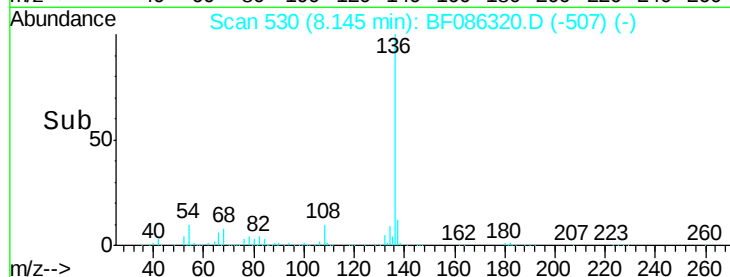


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.60 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Tgt Ion:105 Resp: 810479

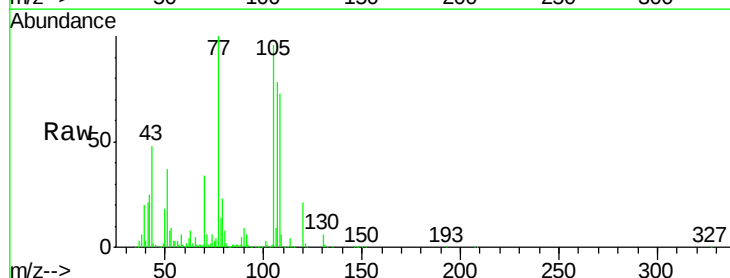
Ion Ratio Lower Upper

105 100

71 6.0 4.0 6.0#

51 38.3 22.0 33.0#

120 22.1 17.5 26.3

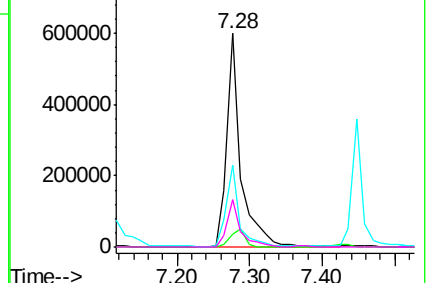
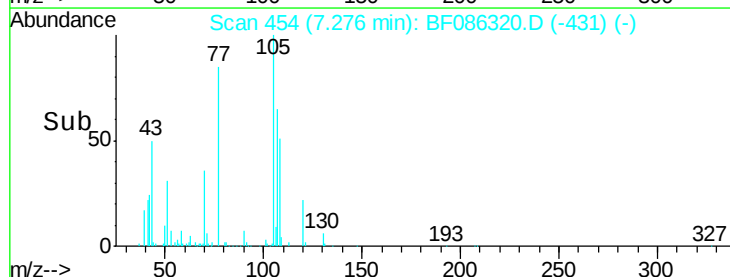


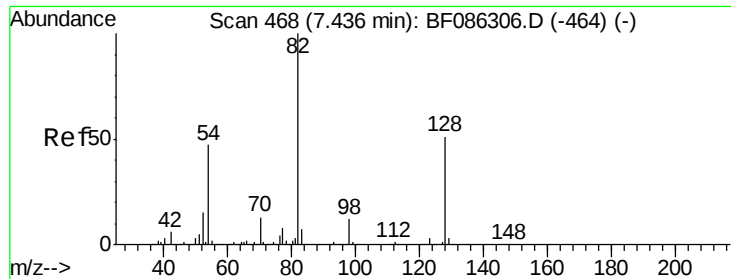
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

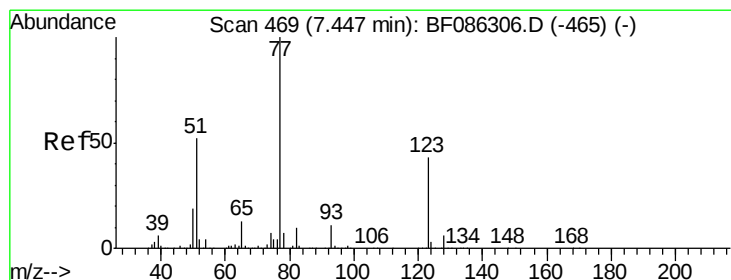
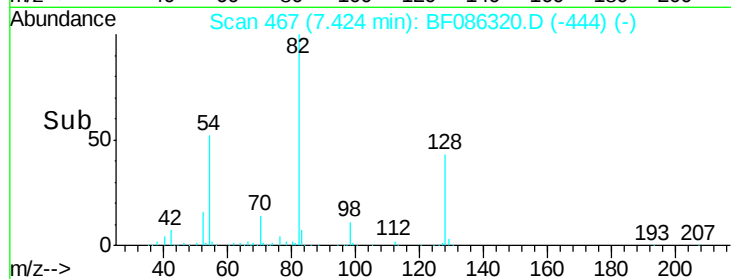
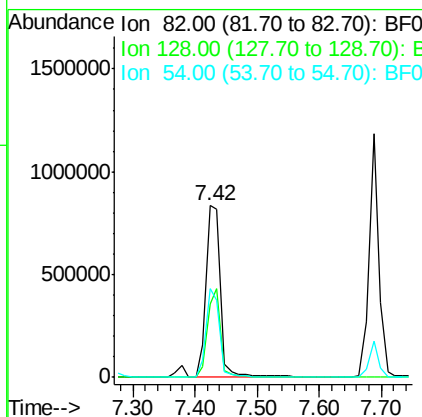
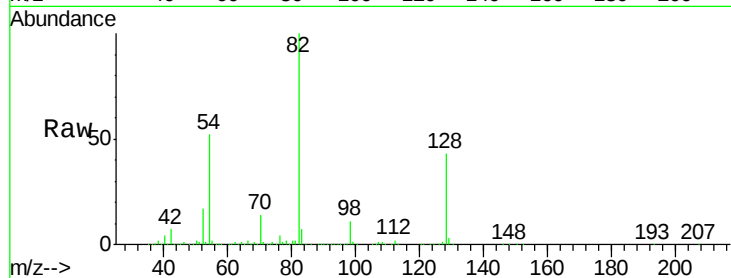




#23
 Nitrobenzene-d5
 Concen: 75.66 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

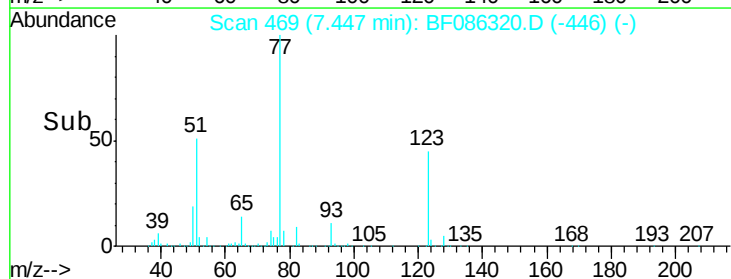
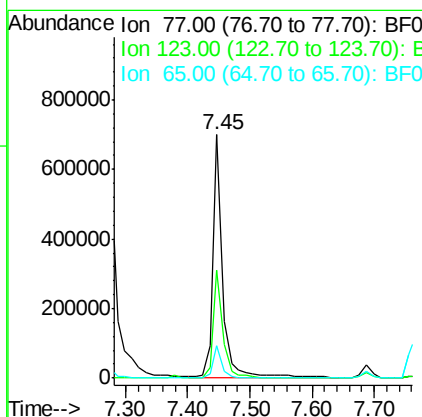
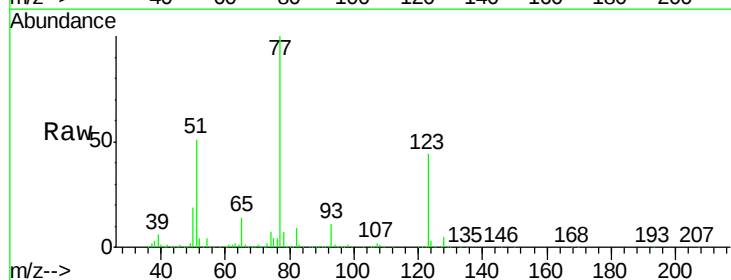
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

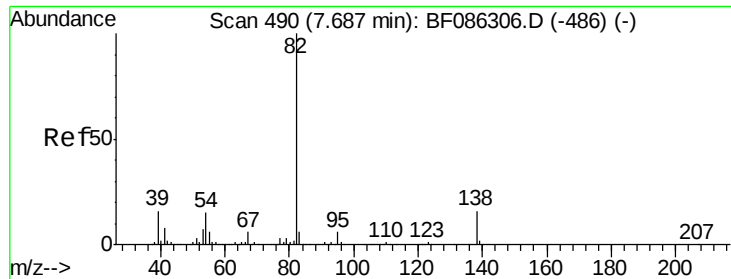
Tgt Ion: 82 Resp: 1355375
 Ion Ratio Lower Upper
 82 100
 128 42.7 35.4 53.2
 54 51.7 43.4 65.0



#24
 Nitrobenzene
 Concen: 38.55 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Tgt Ion: 77 Resp: 738801
 Ion Ratio Lower Upper
 77 100
 123 44.2 38.3 57.5
 65 13.5 11.3 16.9





#25

Isophorone

Concen: 37.57 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

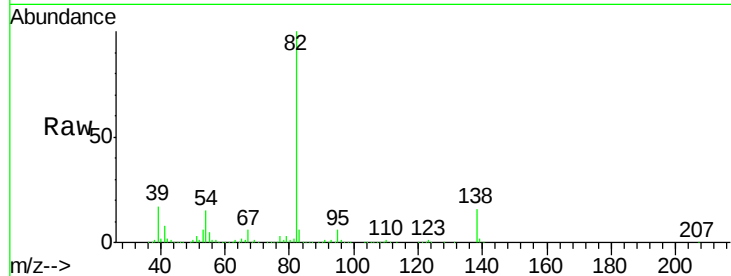
Tgt Ion: 82 Resp: 1275189

Ion Ratio Lower Upper

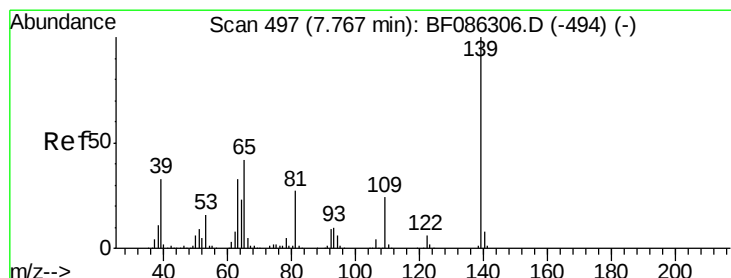
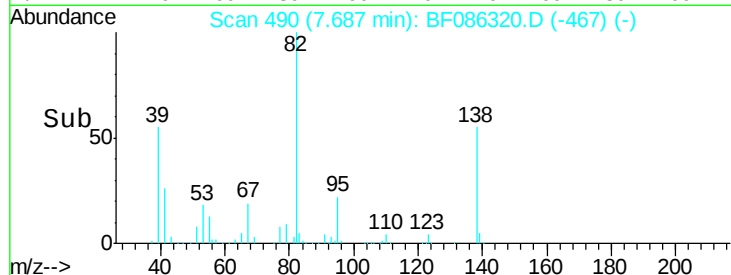
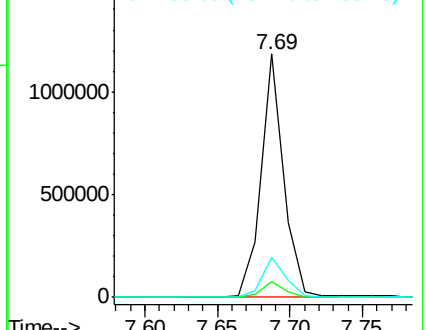
82 100

95 6.4 5.4 8.2

138 16.3 13.4 20.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.75 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

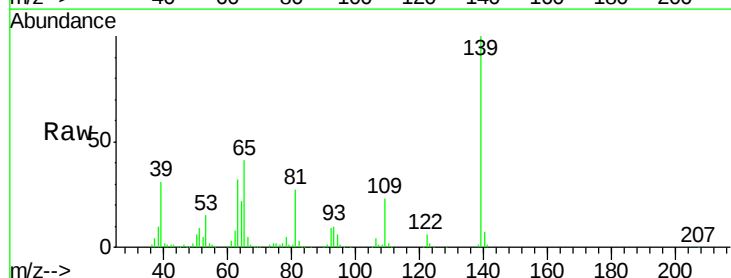
Tgt Ion: 139 Resp: 366483

Ion Ratio Lower Upper

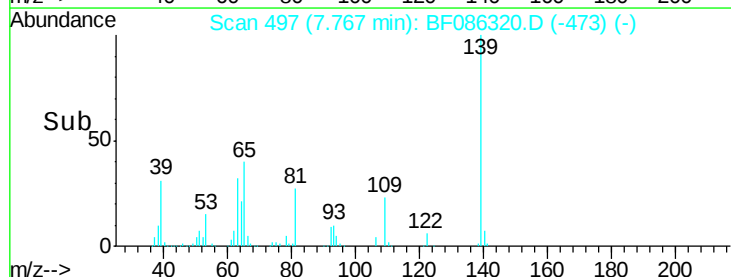
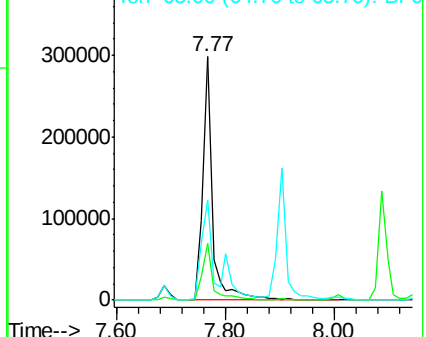
139 100

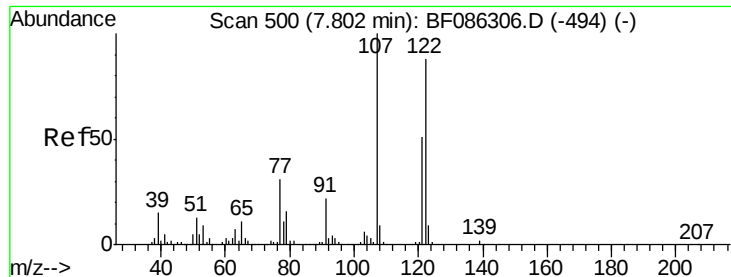
109 23.2 25.8 38.8#

65 40.9 50.2 75.2#



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





#27

2,4-Dimethylphenol

Concen: 37.20 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

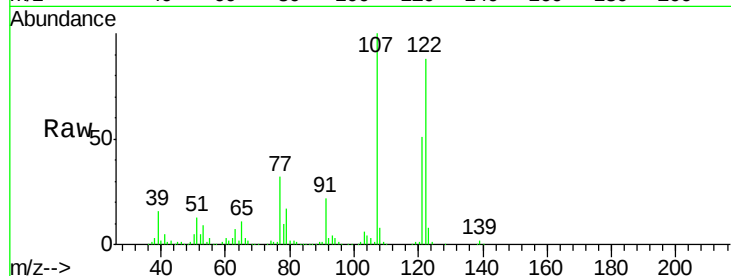
Tgt Ion:122 Resp: 625439

Ion Ratio Lower Upper

122 100

107 114.1 85.8 128.6

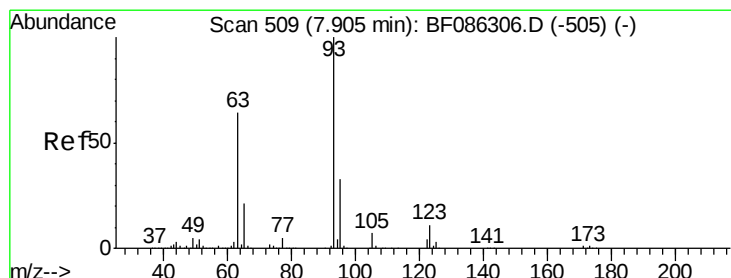
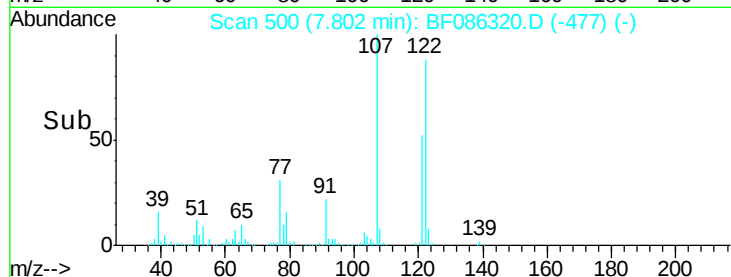
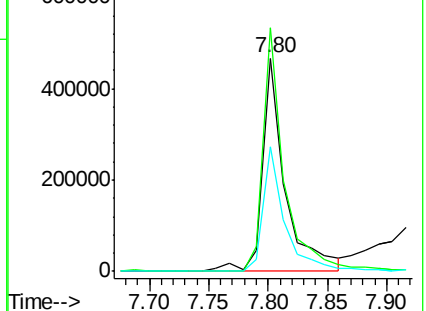
121 58.6 47.1 70.7



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: 40.62 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

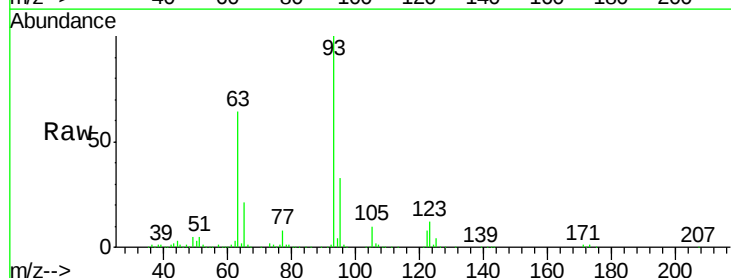
Tgt Ion: 93 Resp: 806367

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

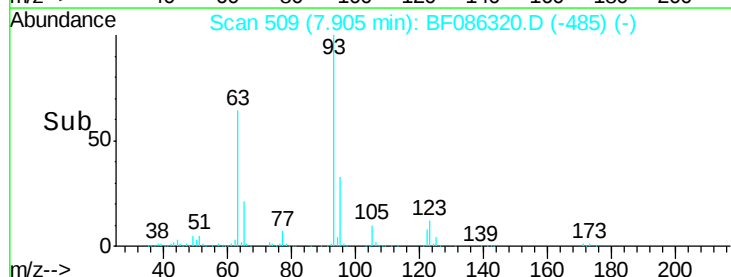
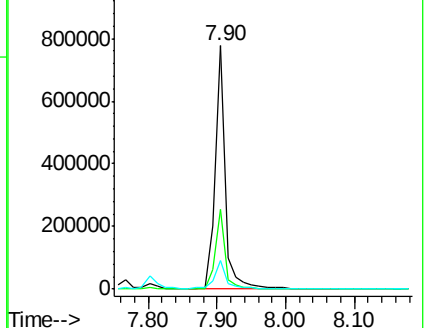
123 11.7 8.9 13.3

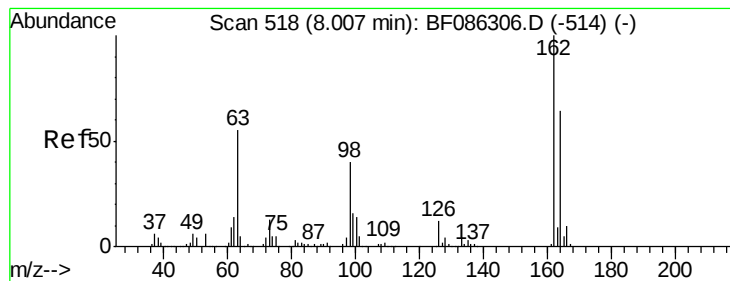


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.92 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

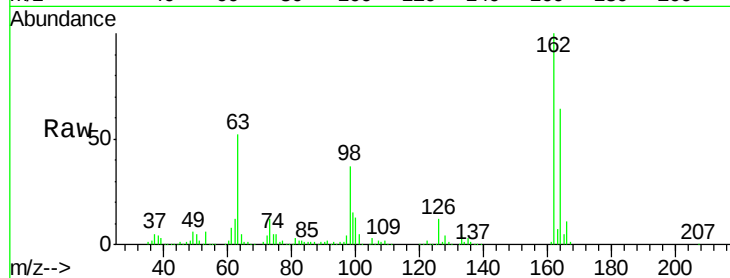
Tgt Ion:162 Resp: 542537

Ion Ratio Lower Upper

162 100

164 63.6 43.3 83.3

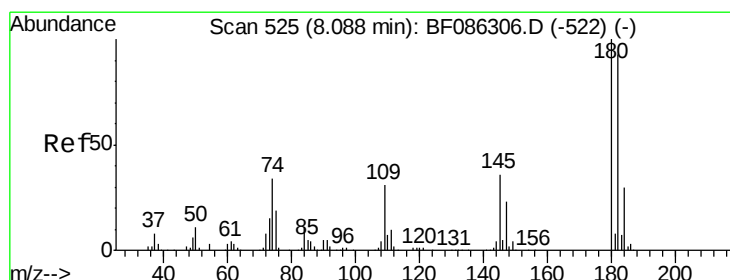
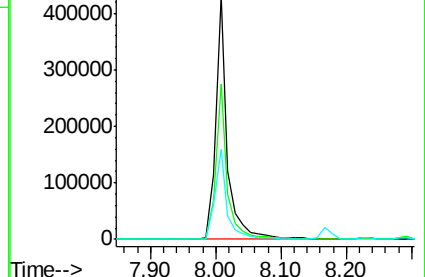
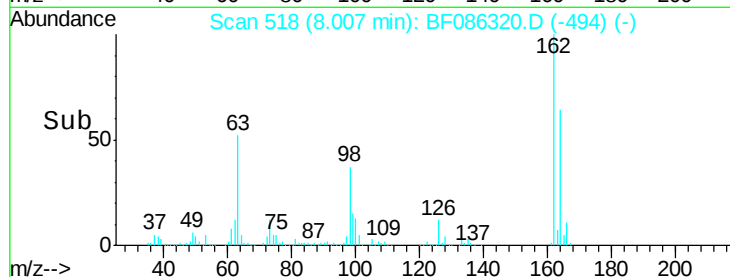
98 37.0 22.9 62.9



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: 38.09 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

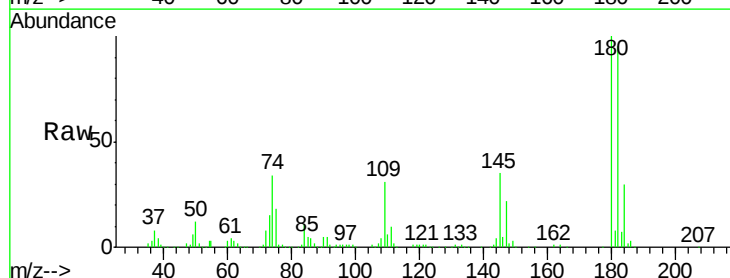
Tgt Ion:180 Resp: 544790

Ion Ratio Lower Upper

180 100

182 95.1 76.3 114.5

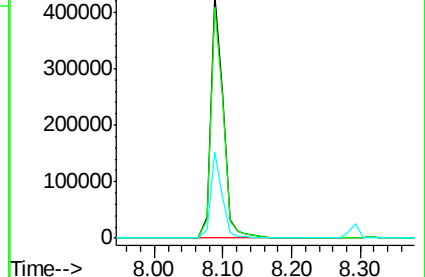
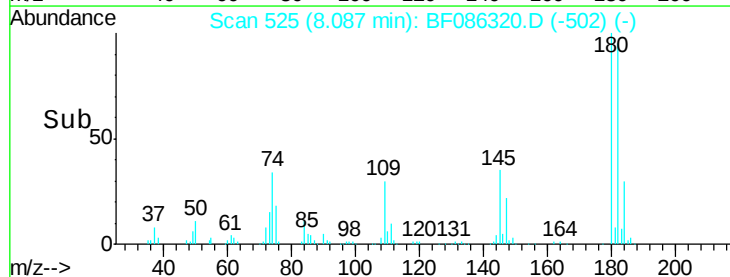
145 35.3 27.4 41.2

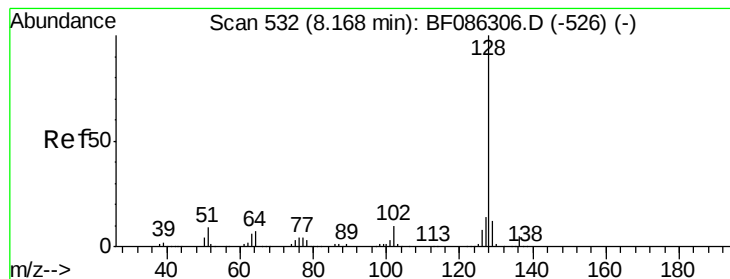


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.28 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

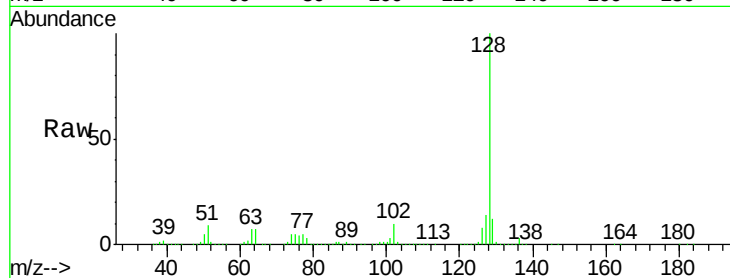
Tgt Ion:128 Resp: 1921010

Ion Ratio Lower Upper

128 100

129 11.8 9.6 14.4

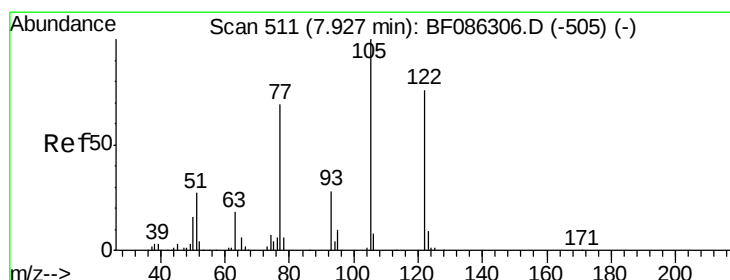
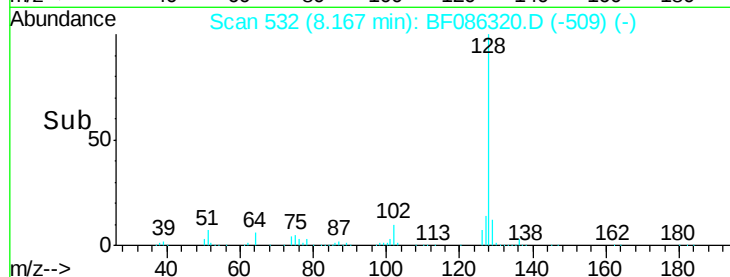
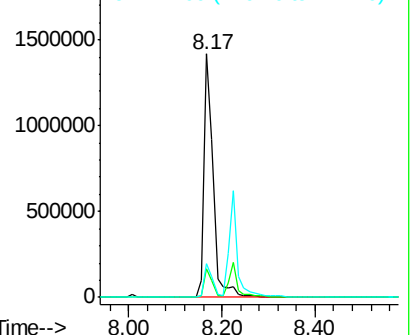
127 13.7 11.4 17.2



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: 37.56 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

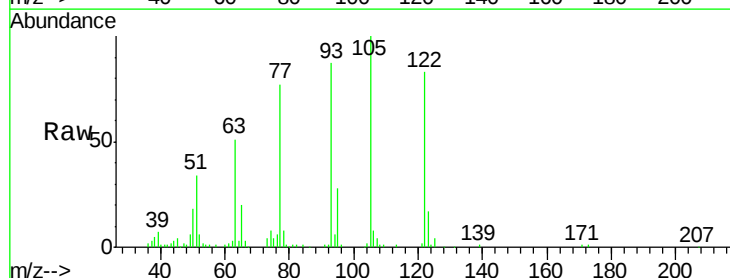
Tgt Ion:122 Resp: 375321

Ion Ratio Lower Upper

122 100

105 119.9 103.7 143.7

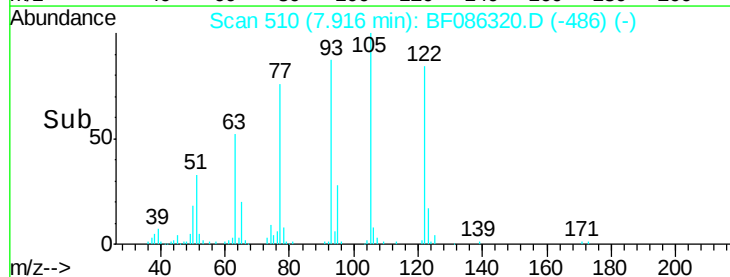
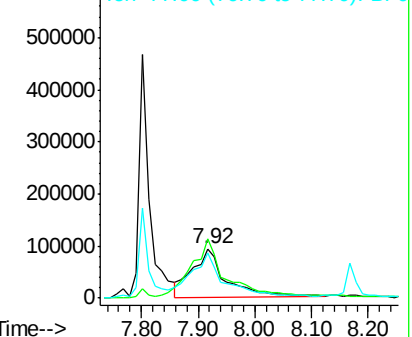
77 92.5 74.9 114.9

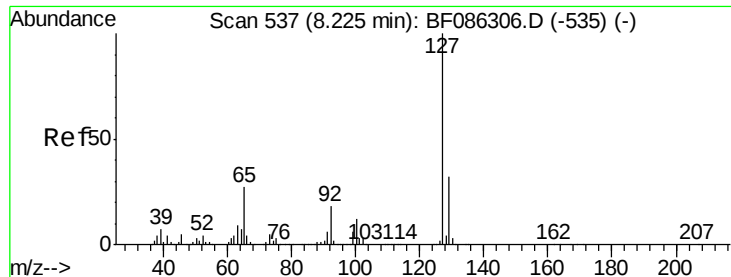


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

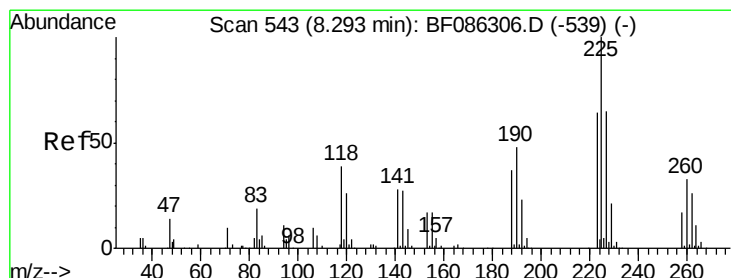
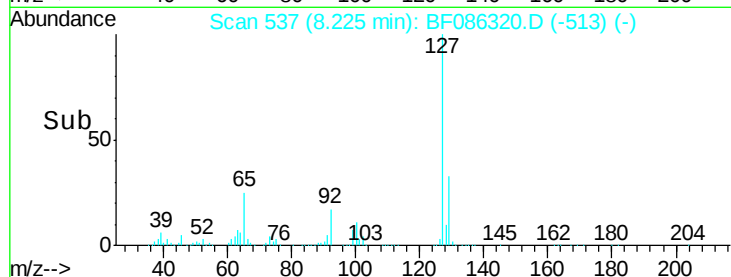
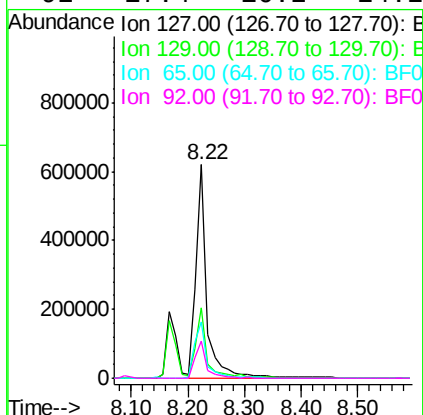
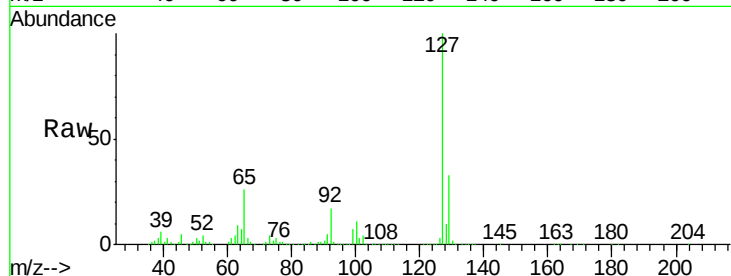




#33
4-Chloroaniline
Concen: 40.37 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

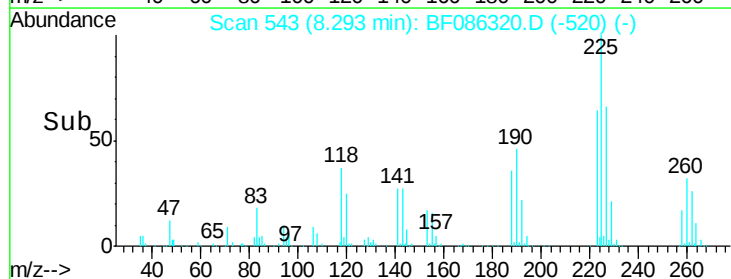
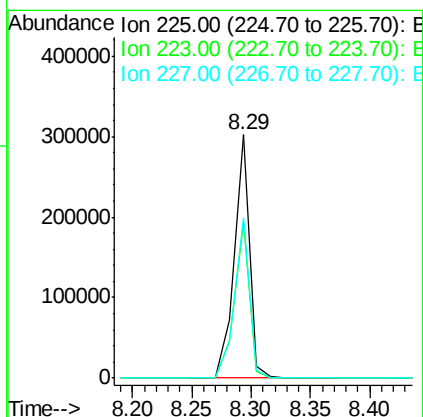
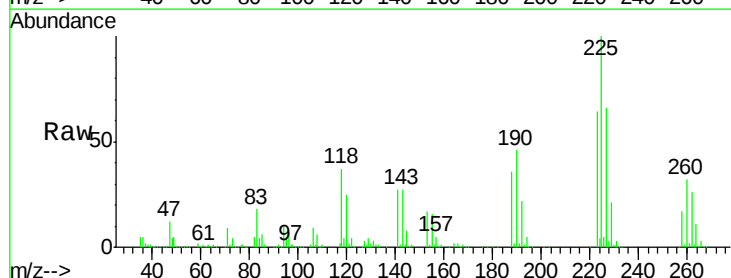
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

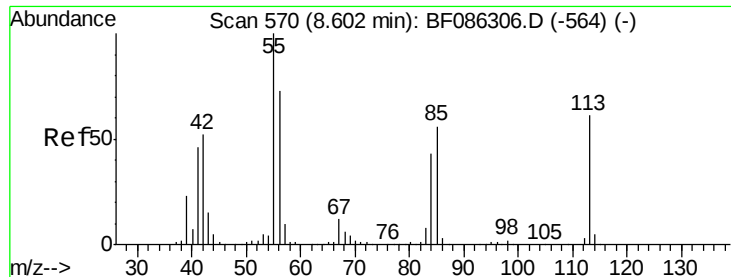
Tgt Ion:	127	Resp:	817225
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.8	40.2
65	26.1	27.1	40.7#
92	17.4	16.2	24.2



#34
Hexachlorobutadiene
Concen: 37.61 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Tgt Ion:	225	Resp:	271155
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.4	74.0
227	65.7	51.1	76.7





#35

Caprolactam

Concen: 41.57 ng

RT: 8.60 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

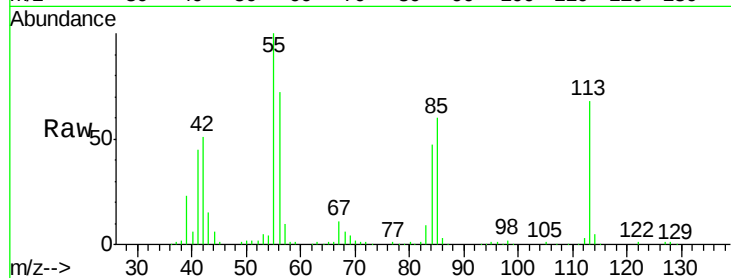
Tgt Ion:113 Resp: 178481

Ion Ratio Lower Upper

113 100

55 146.1 117.5 157.5

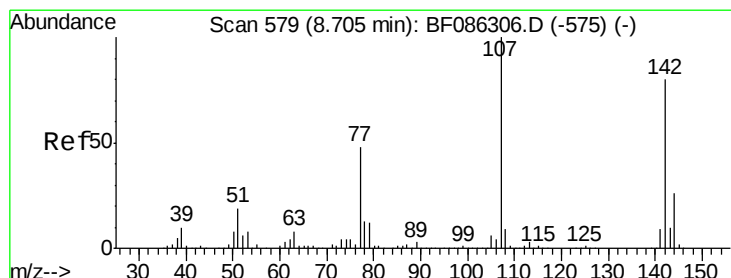
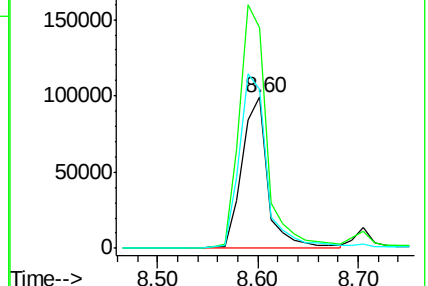
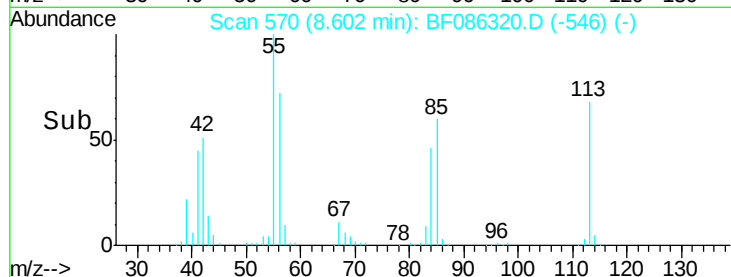
56 105.6 82.5 122.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.32 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

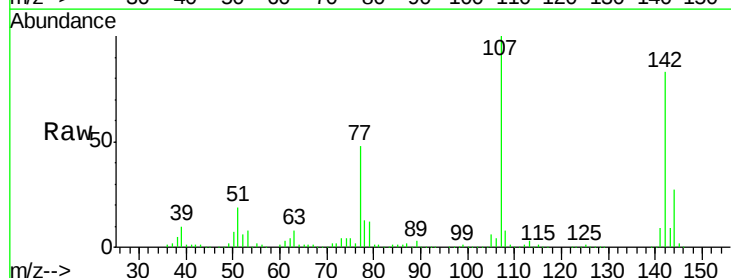
Tgt Ion:107 Resp: 601106

Ion Ratio Lower Upper

107 100

144 26.7 20.7 31.1

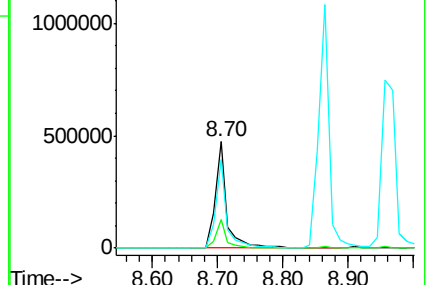
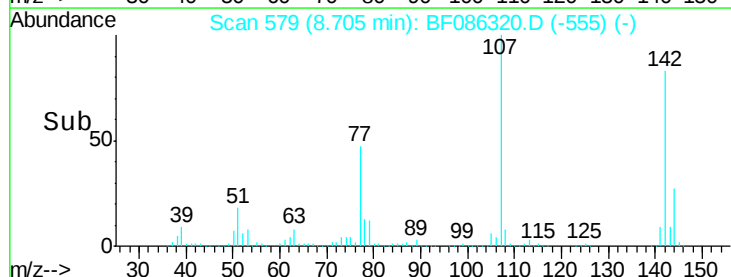
142 82.8 64.5 96.7

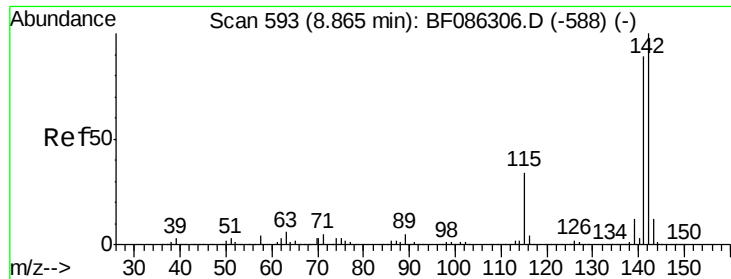


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

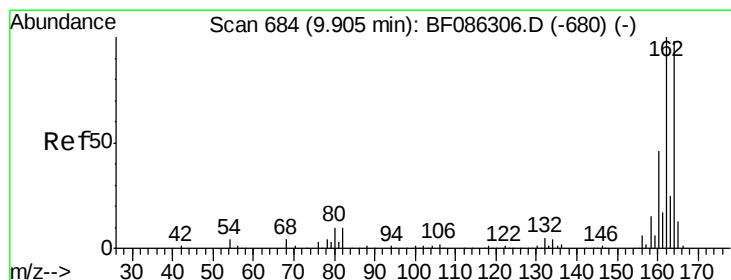
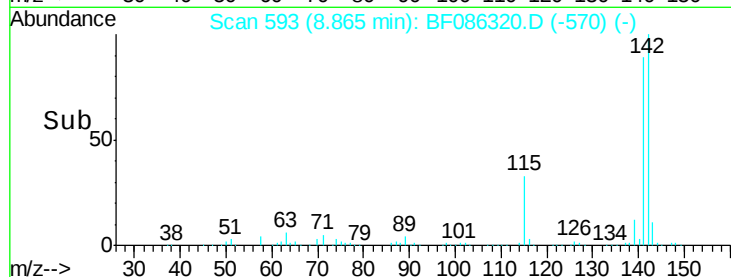
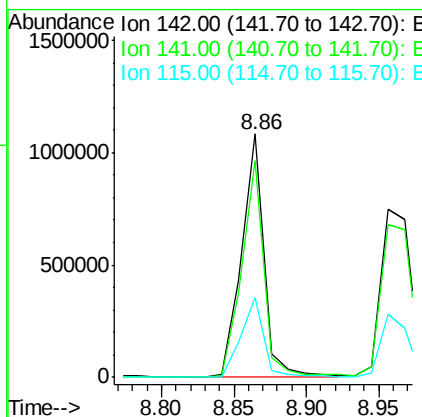
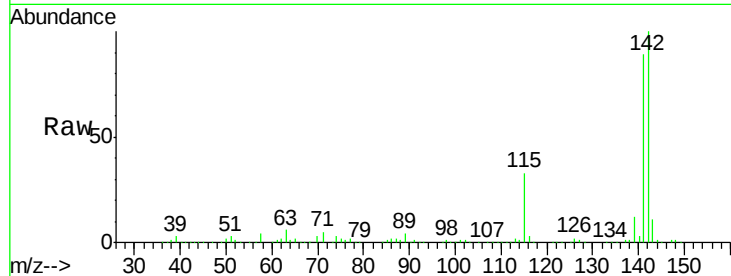




#37
 2-Methylnaphthalene
 Concen: 38.54 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

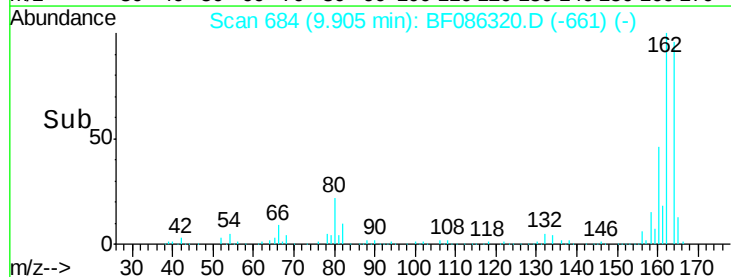
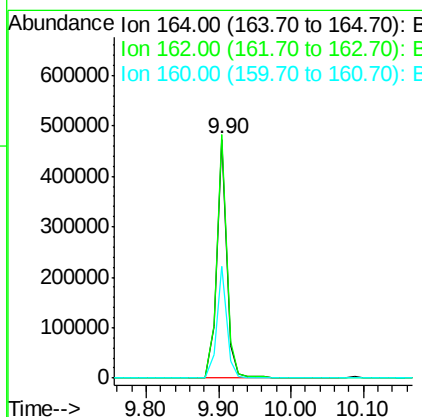
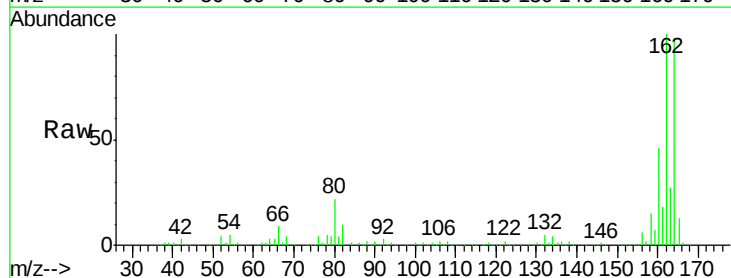
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

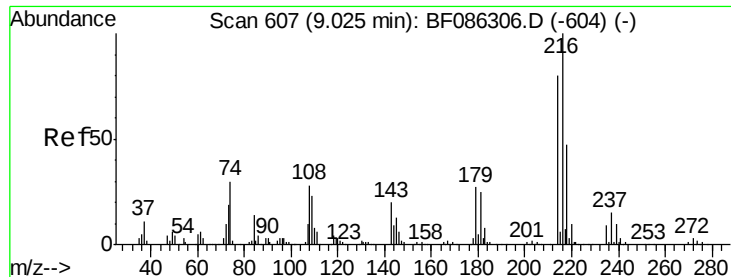
Tgt Ion:142 Resp: 1164080
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.1 106.7
 115 32.8 25.1 37.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Tgt Ion:164 Resp: 456470
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.8 124.2
 160 46.7 38.9 58.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.61 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 469173

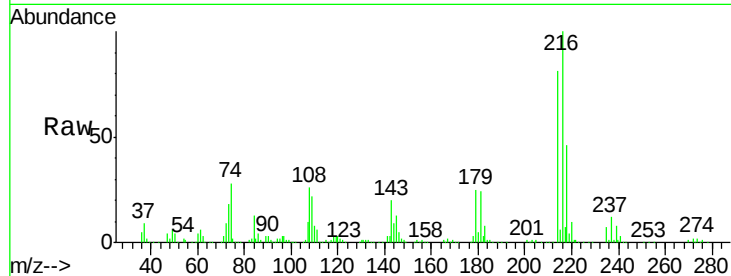
Ion Ratio Lower Upper

216 100

214 78.6 64.9 97.3

179 22.7 19.8 29.6

108 22.3 21.0 31.4

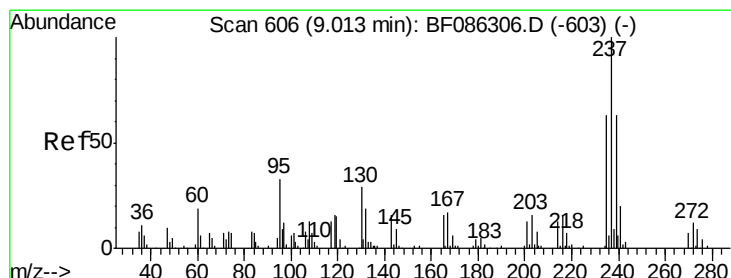
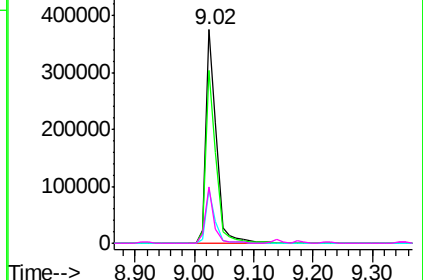
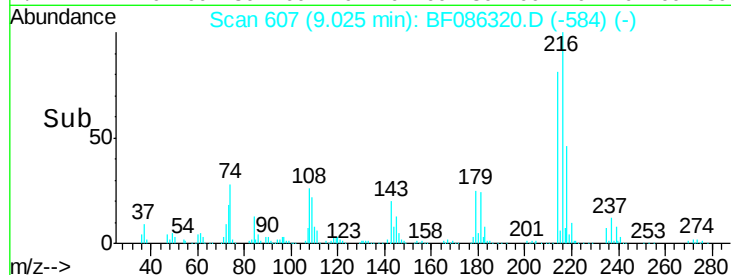


Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.26 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

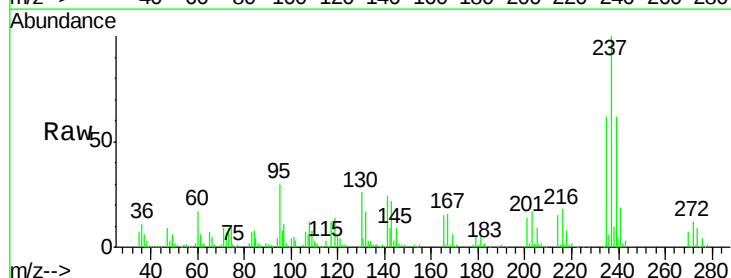
Tgt Ion:237 Resp: 126409

Ion Ratio Lower Upper

237 100

235 62.1 44.0 84.0

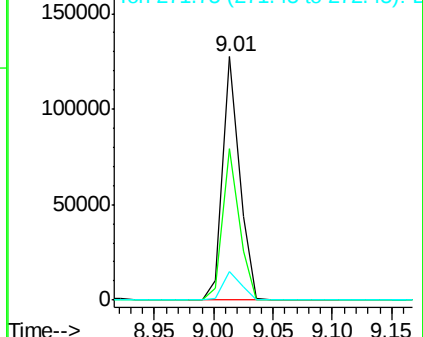
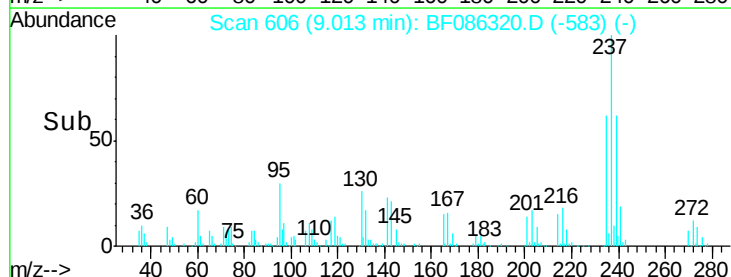
272 11.7 0.0 32.4

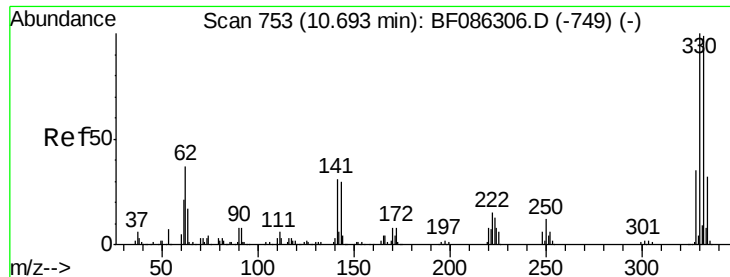


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

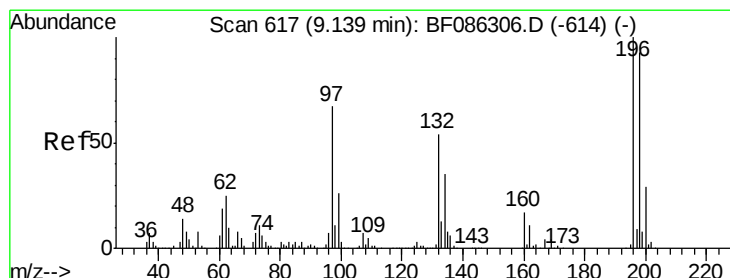
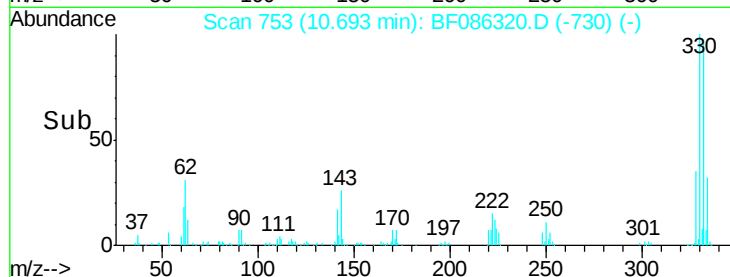
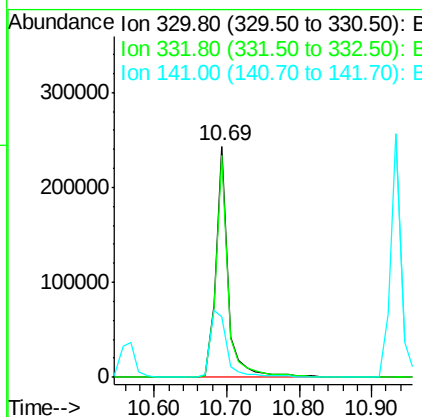
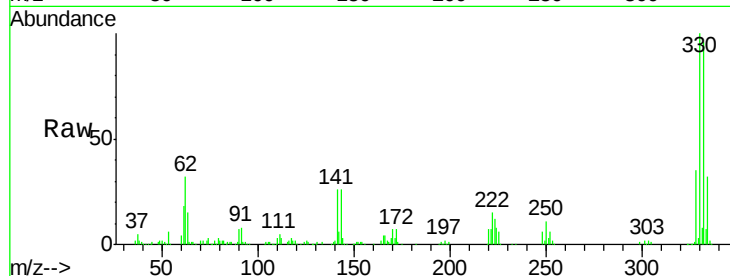




#41
 2,4,6-Tribromophenol
 Concen: 80.66 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

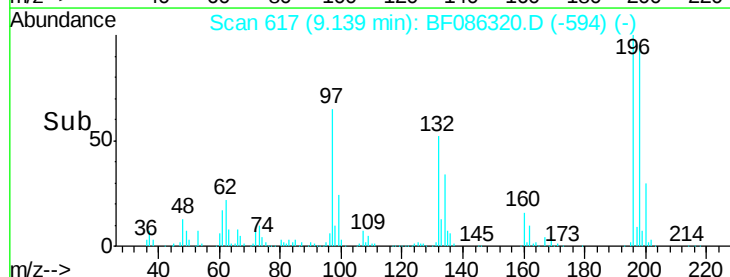
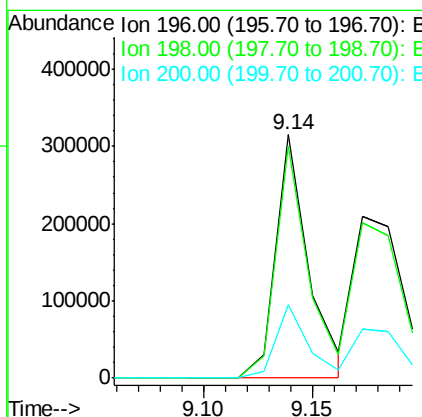
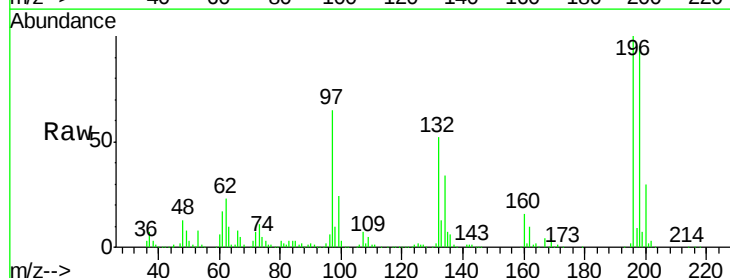
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

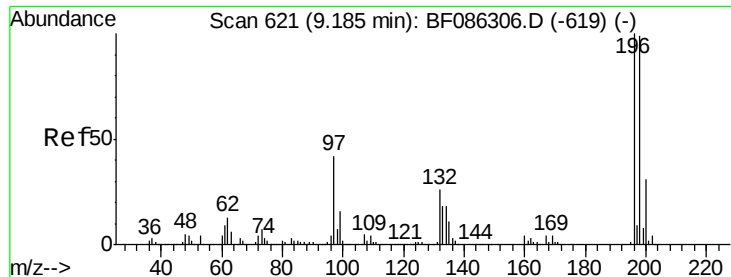
Tgt Ion:330 Resp: 286986
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.7 118.1
 141 39.7 28.6 42.8



#42
 2,4,6-Trichlorophenol
 Concen: 39.64 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Tgt Ion:196 Resp: 334119
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.6 115.0
 200 30.2 25.3 37.9

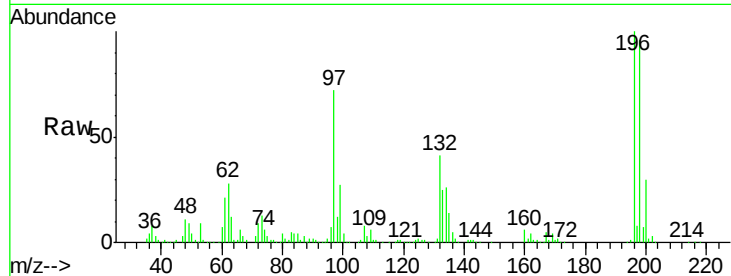




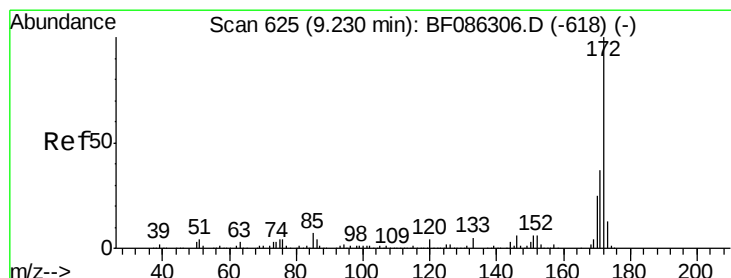
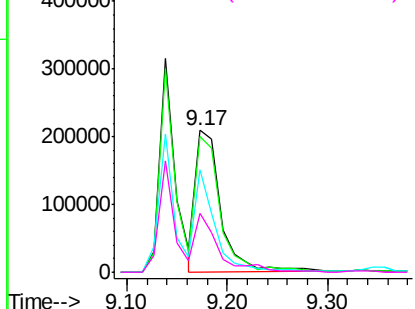
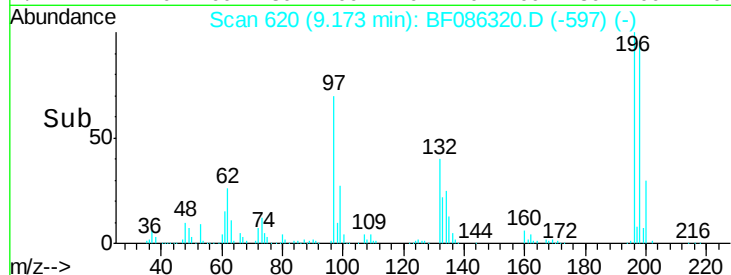
#43
 2,4,5-Trichlorophenol
 Concen: 39.38 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:196 Resp: 361541
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.7 116.5
 97 71.8 32.6 48.8#
 132 41.3 21.4 32.0#

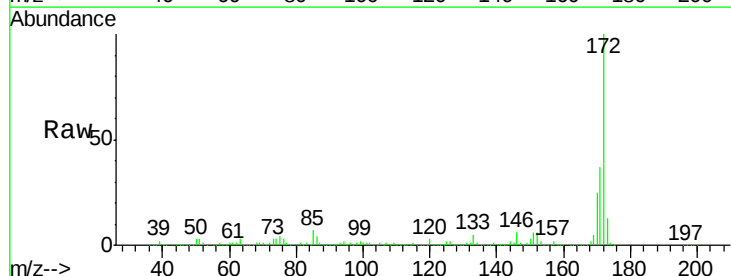


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

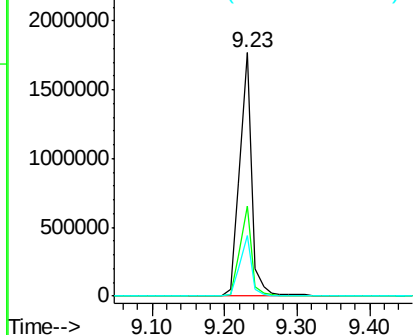
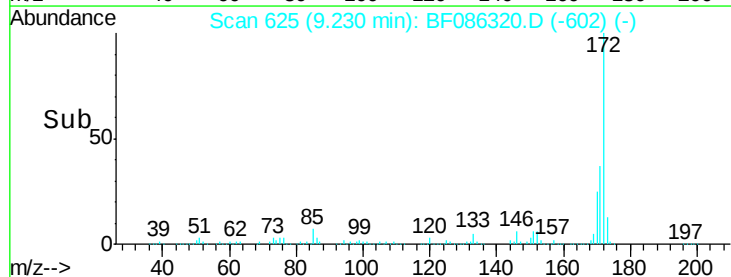


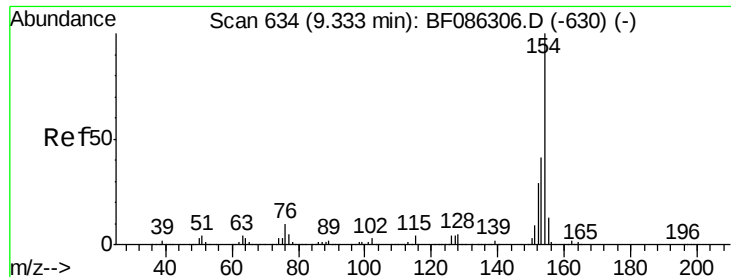
#44
 2-Fluorobiphenyl
 Concen: 85.97 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Tgt Ion:172 Resp: 2047770
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.1 43.7
 170 24.8 19.9 29.9



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: 38.47 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

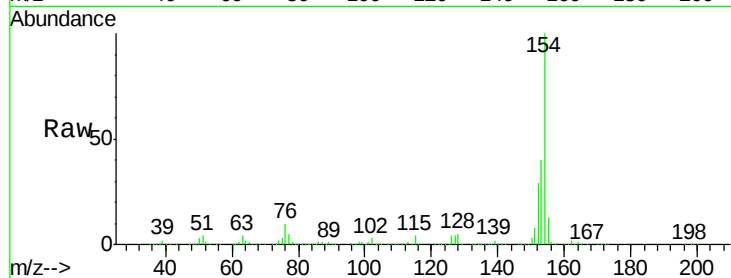
Tgt Ion:154 Resp: 1379202

Ion Ratio Lower Upper

154 100

153 40.4 21.3 61.3

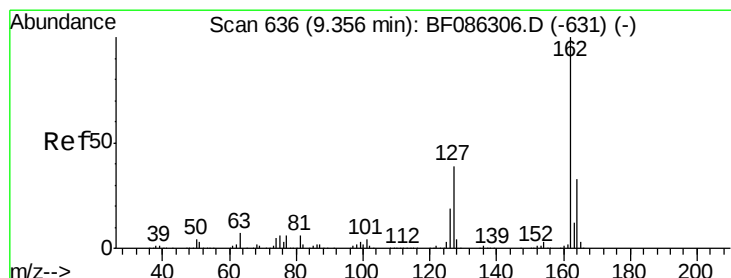
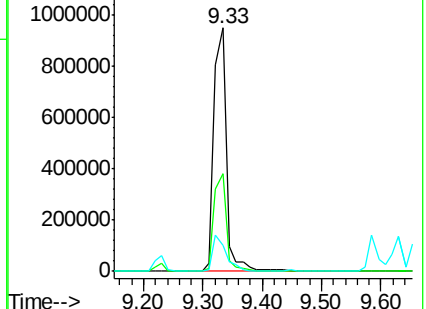
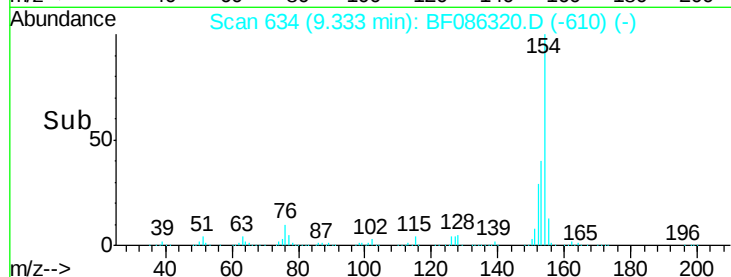
76 10.4 0.0 36.4



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: 41.00 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

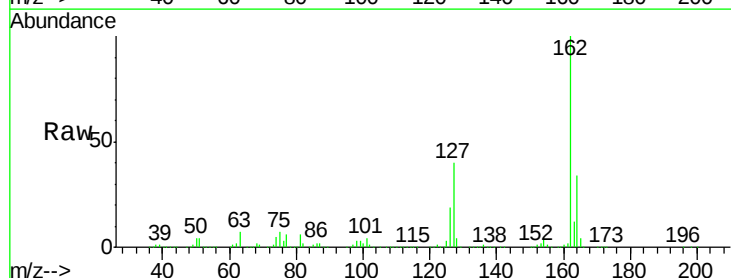
Tgt Ion:162 Resp: 1113828

Ion Ratio Lower Upper

162 100

127 39.8 36.7 55.1

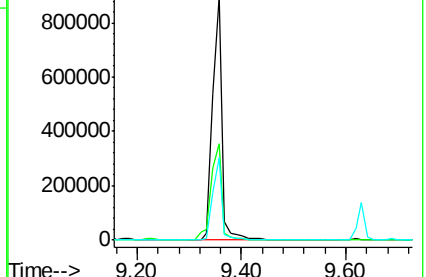
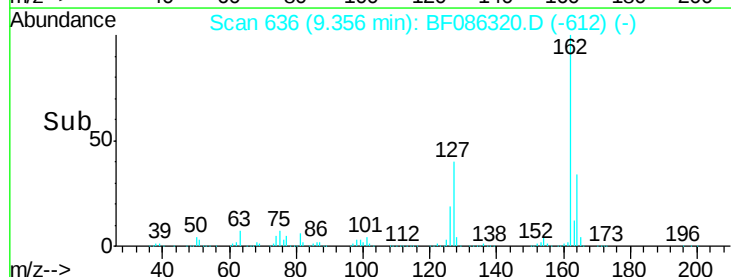
164 33.9 26.4 39.6

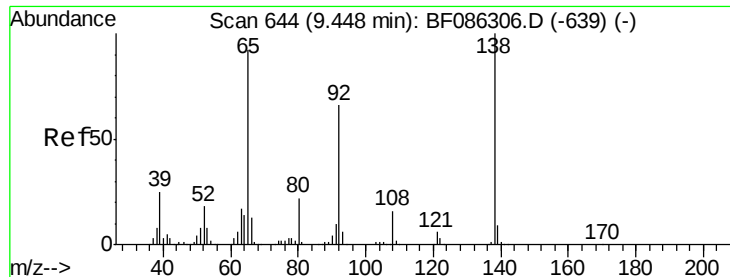


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

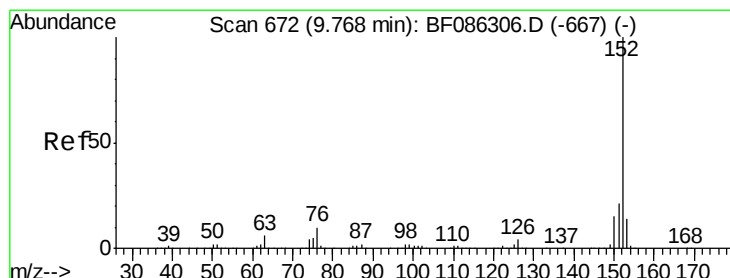
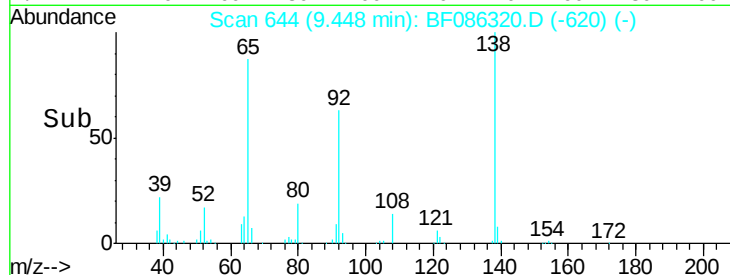
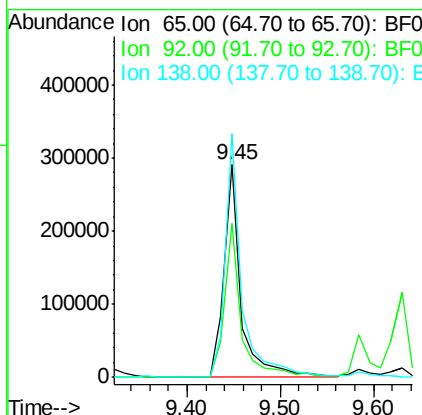
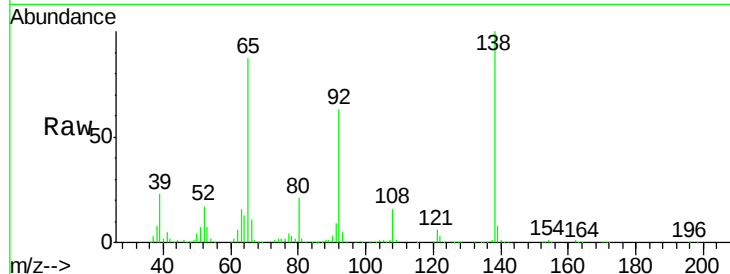




#47
2-Nitroaniline
Concen: 40.00 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

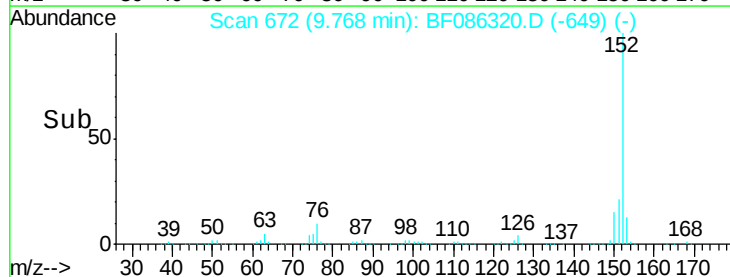
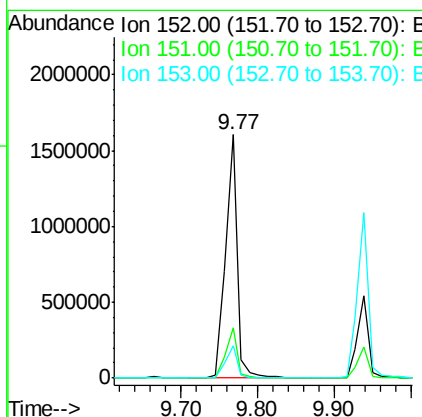
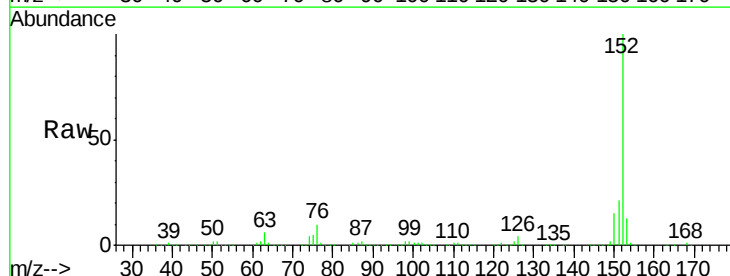
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

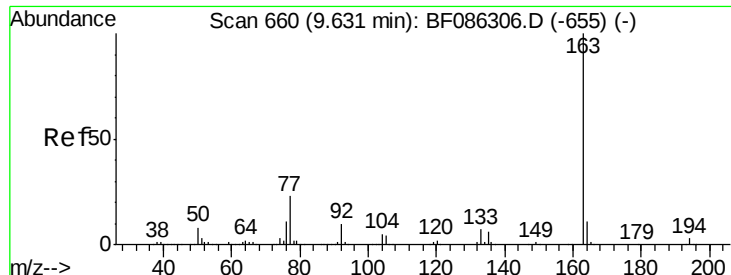
Tgt Ion: 65 Resp: 369274
Ion Ratio Lower Upper
65 100
92 72.2 51.9 77.9
138 114.6 72.6 108.8#



#48
Acenaphthylene
Concen: 41.27 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Tgt Ion: 152 Resp: 1750684
Ion Ratio Lower Upper
152 100
151 20.9 17.2 25.8
153 13.3 10.7 16.1

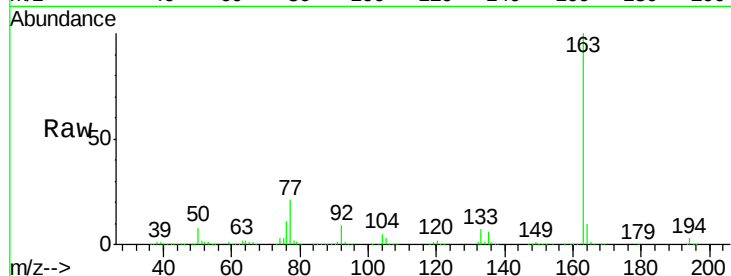




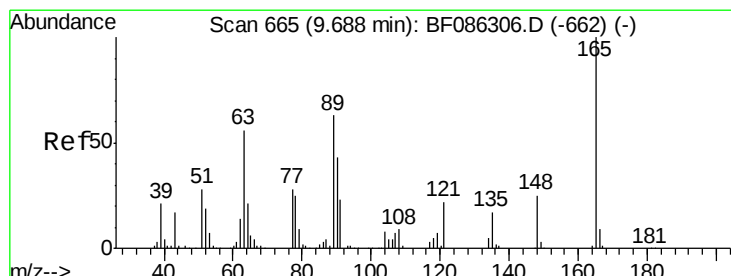
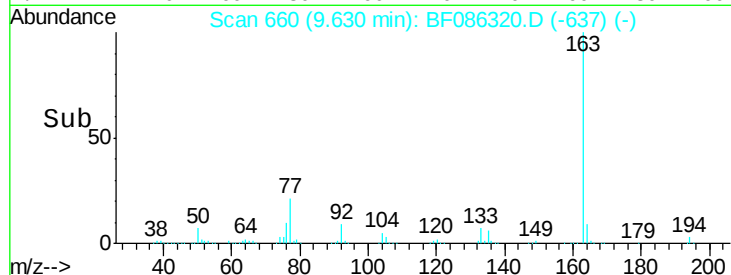
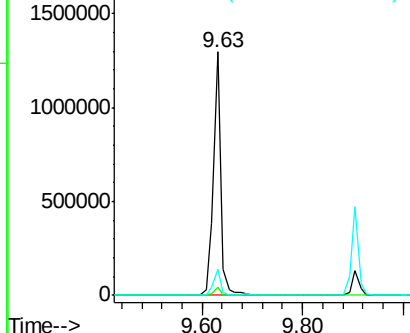
#49
Dimethylphthalate
Concen: 38.50 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.03 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1337903
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.5 8.4 12.6

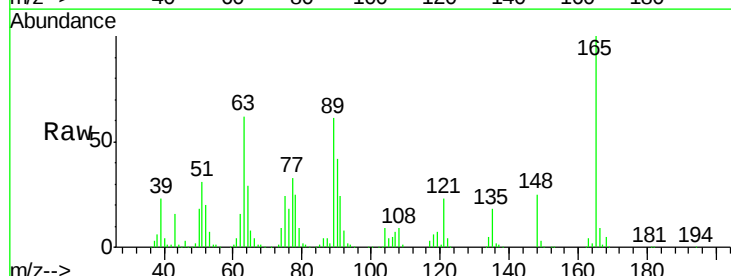


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

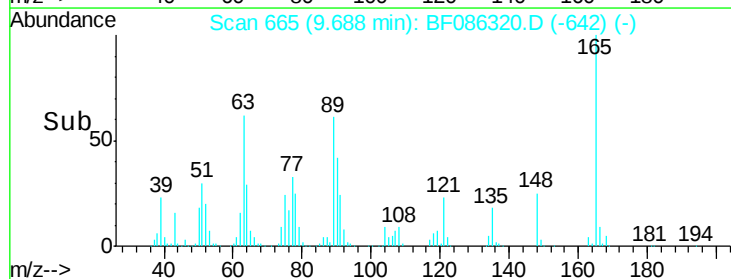
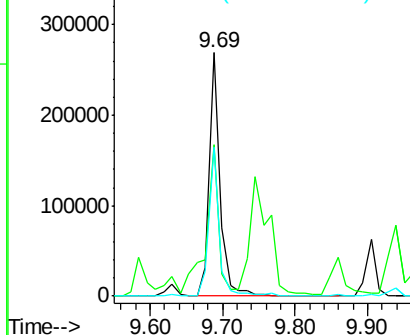


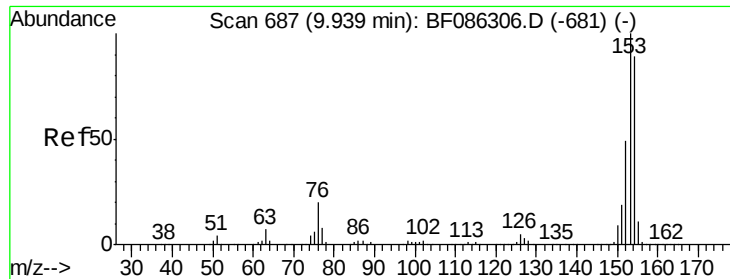
#50
2,6-Dinitrotoluene
Concen: 39.11 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Tgt Ion:165 Resp: 279690
Ion Ratio Lower Upper
165 100
63 62.2 35.1 52.7#
89 61.1 39.8 59.6#



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





#51

Acenaphthene

Concen: 41.75 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

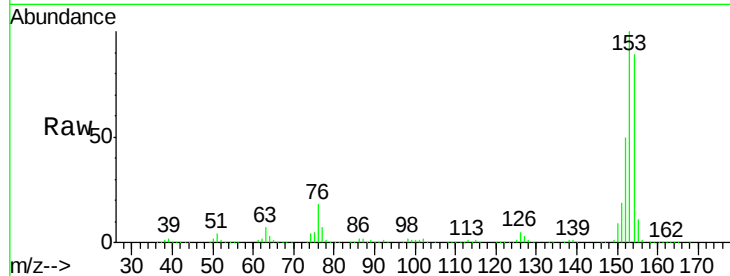
Tgt Ion:154 Resp: 1039086

Ion Ratio Lower Upper

154 100

153 112.3 90.0 135.0

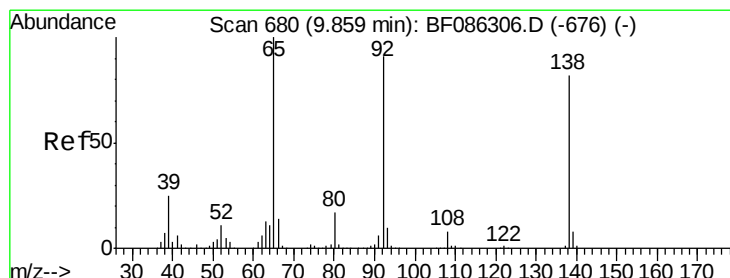
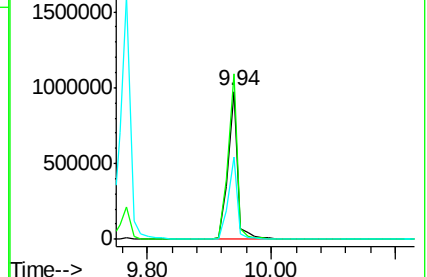
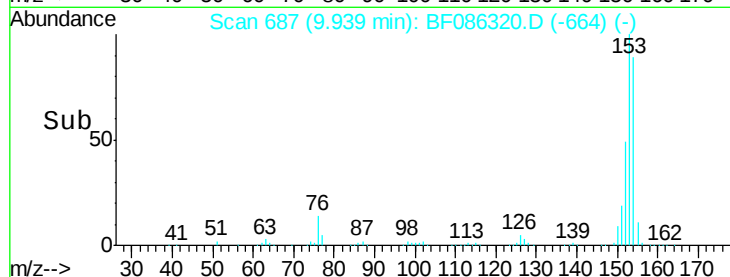
152 55.8 44.3 66.5



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: 39.84 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

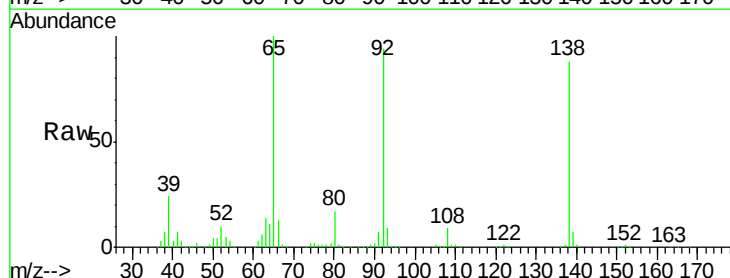
Tgt Ion:138 Resp: 362293

Ion Ratio Lower Upper

138 100

108 9.8 9.0 13.4

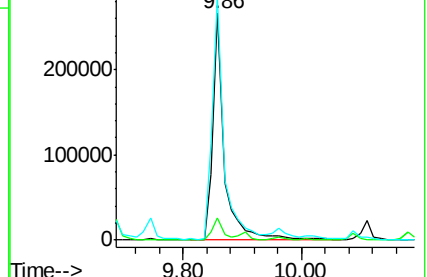
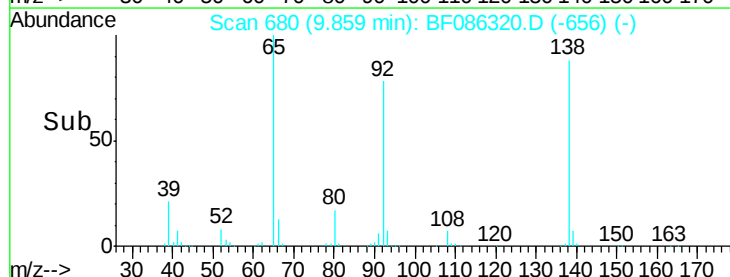
92 107.4 99.3 148.9

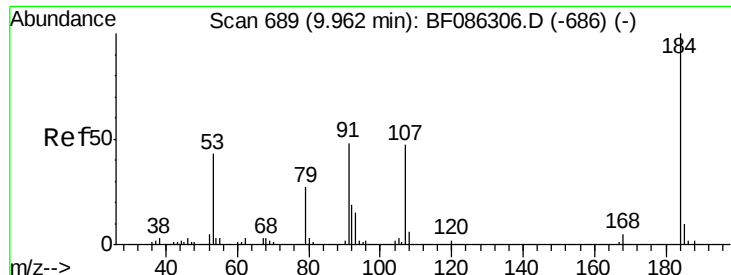


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

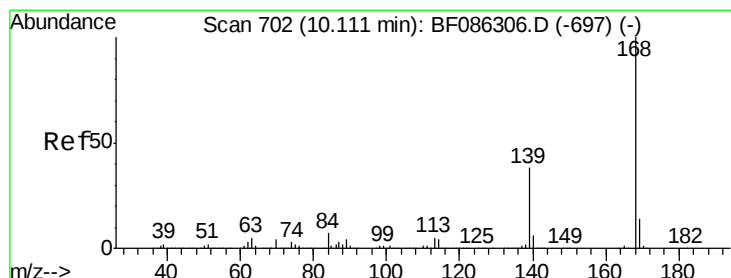
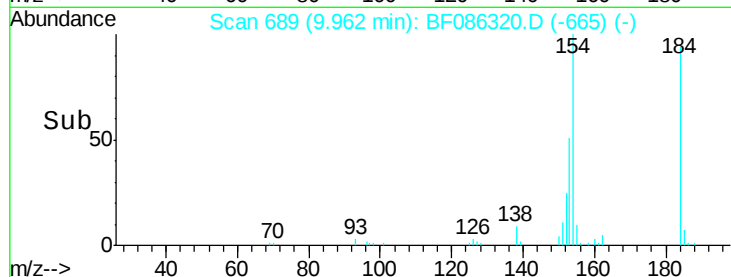
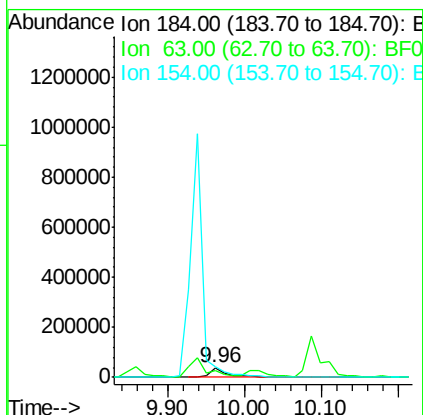
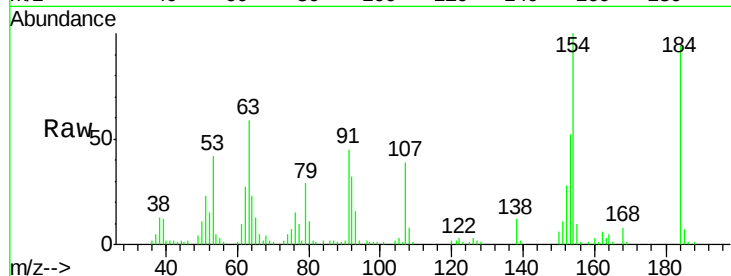




#53
2,4-Dinitrophenol
Concen: 46.47 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

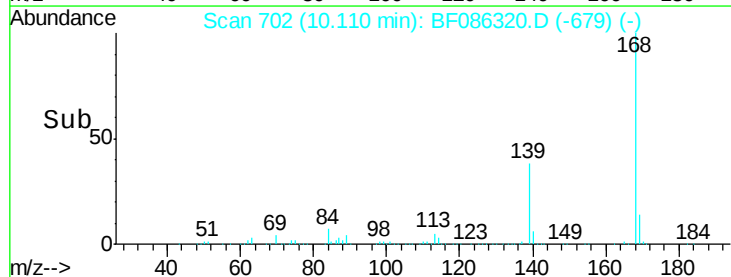
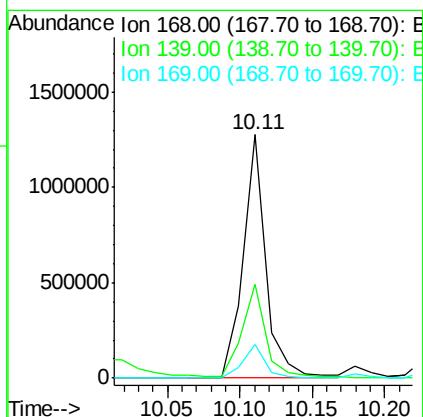
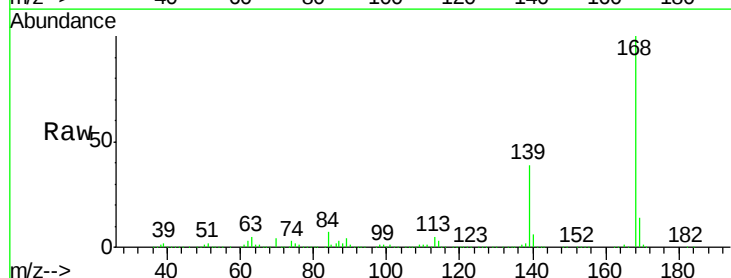
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

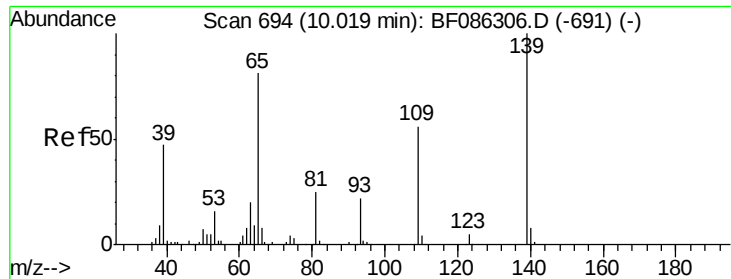
Tgt Ion:184 Resp: 64845
Ion Ratio Lower Upper
184 100
63 62.7 64.7 97.1#
154 106.2 59.4 89.2#



#54
Dibenzofuran
Concen: 41.08 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Tgt Ion:168 Resp: 1389839
Ion Ratio Lower Upper
168 100
139 38.8 29.5 44.3
169 13.6 10.6 16.0

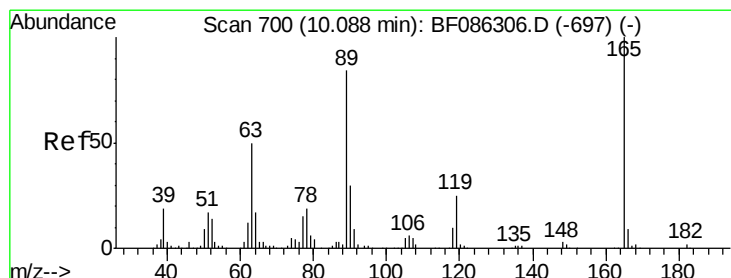
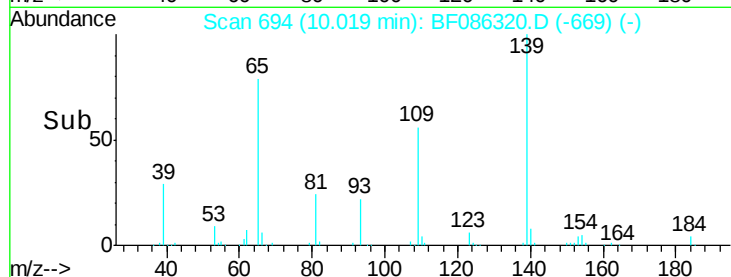
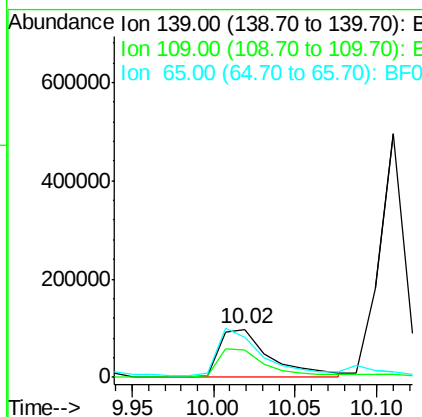
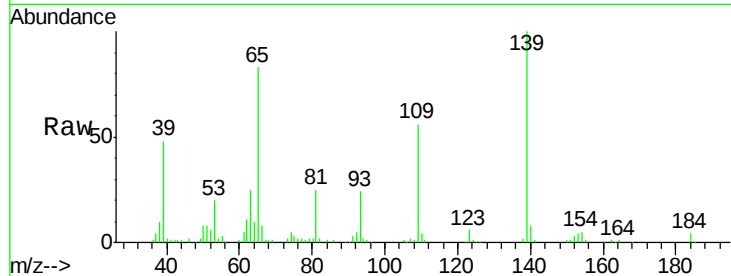




#55
4-Nitrophenol
Concen: 37.82 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

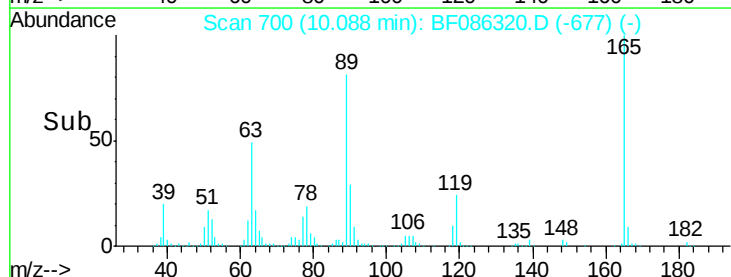
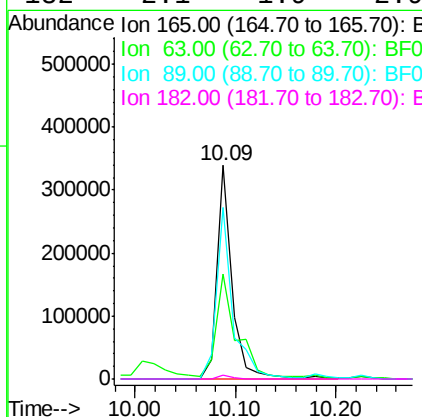
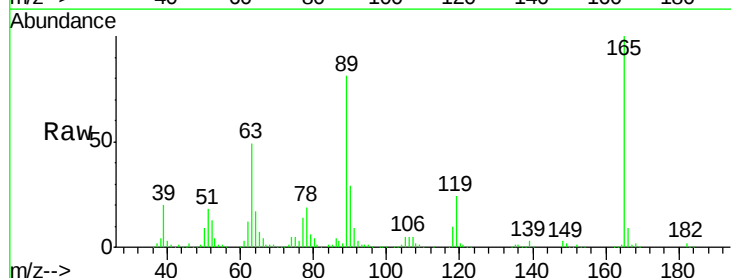
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

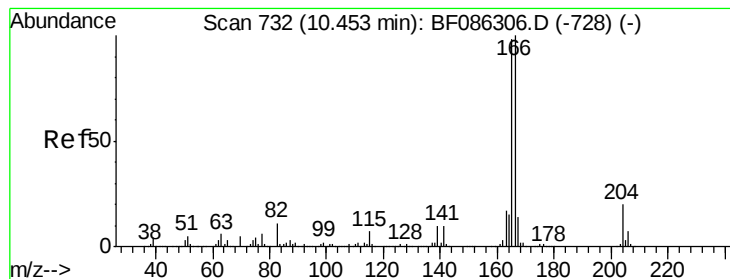
Tgt Ion:139 Resp: 213268
Ion Ratio Lower Upper
139 100
109 55.9 55.0 95.0
65 82.9 87.3 127.3#



#56
2,4-Dinitrotoluene
Concen: 40.18 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.03 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Tgt Ion:165 Resp: 357127
Ion Ratio Lower Upper
165 100
63 49.2 26.6 40.0#
89 80.6 49.5 74.3#
182 2.1 1.9 2.9





#57

Fluorene

Concen: 41.20 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

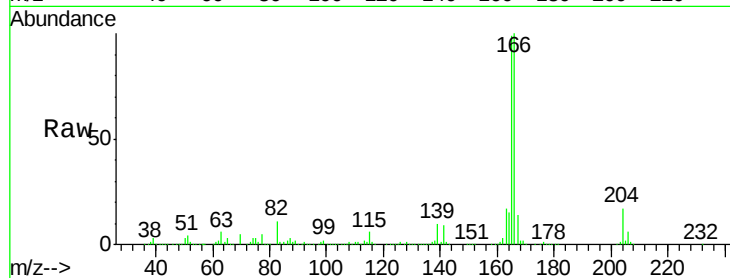
Tgt Ion:166 Resp: 1033010

Ion Ratio Lower Upper

166 100

165 99.3 78.6 117.8

167 13.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

1200000

1000000

800000

600000

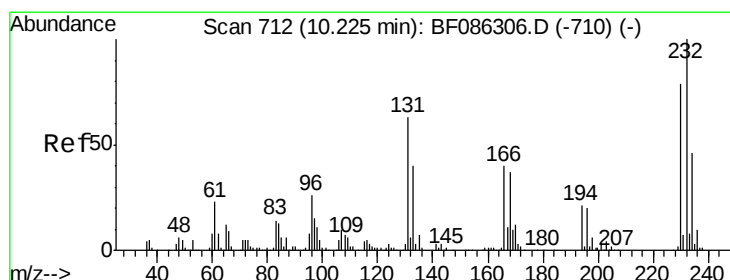
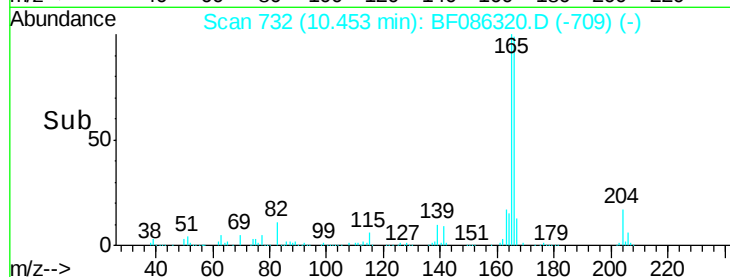
400000

200000

0

10.40 10.45 10.50

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.32 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Tgt Ion:232 Resp: 260664

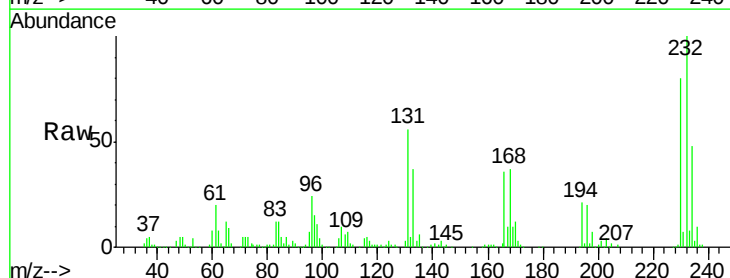
Ion Ratio Lower Upper

232 100

131 54.4 46.6 70.0

130 2.8 2.5 3.7

166 31.3 28.3 42.5



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

1500000

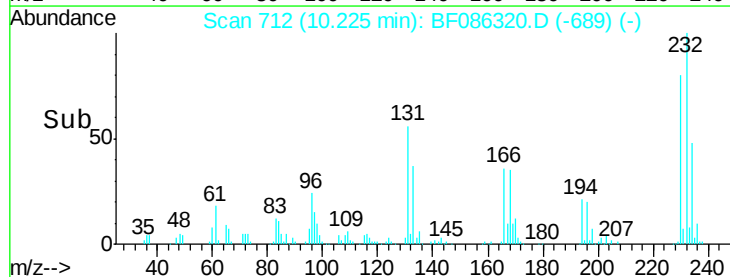
1000000

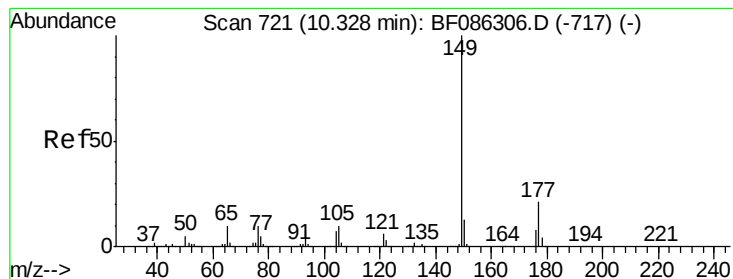
500000

0

10.20 10.22 10.40

Time-->





#59

Diethylphthalate

Concen: 37.61 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

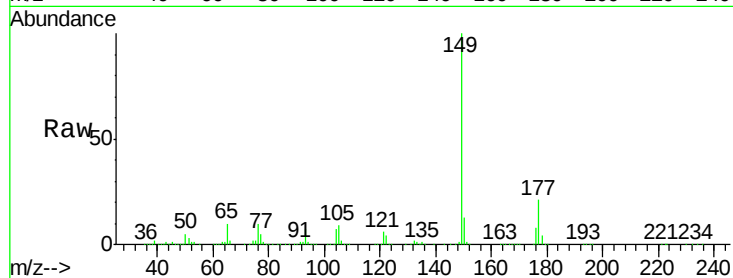
Tgt Ion:149 Resp: 1275572

Ion Ratio Lower Upper

149 100

177 21.2 17.0 25.6

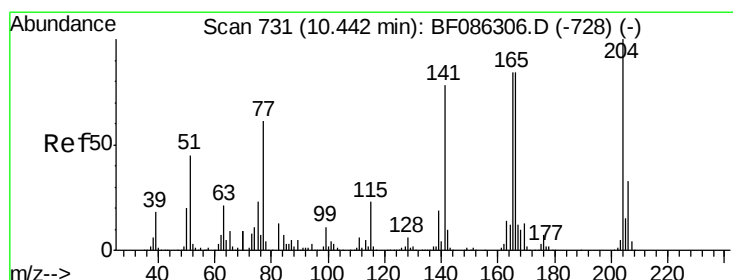
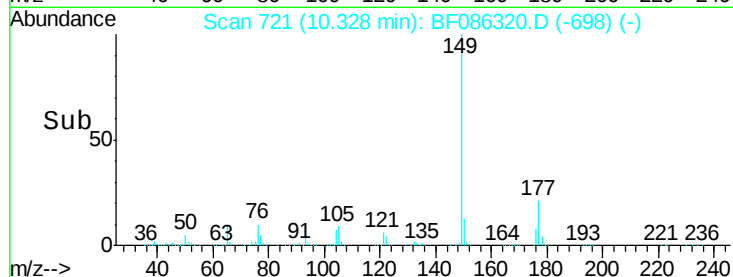
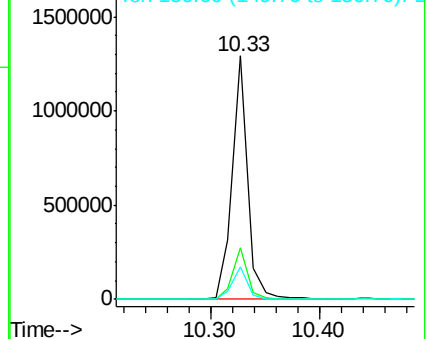
150 13.1 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.84 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

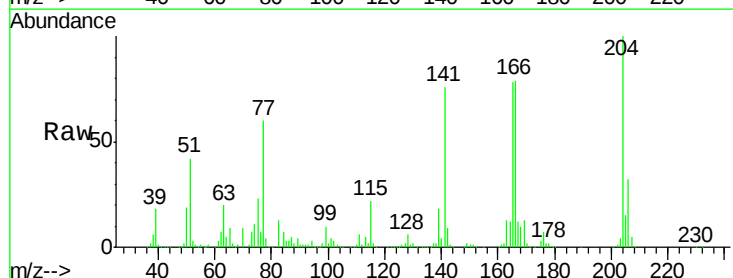
Tgt Ion:204 Resp: 450975

Ion Ratio Lower Upper

204 100

206 31.9 26.2 39.2

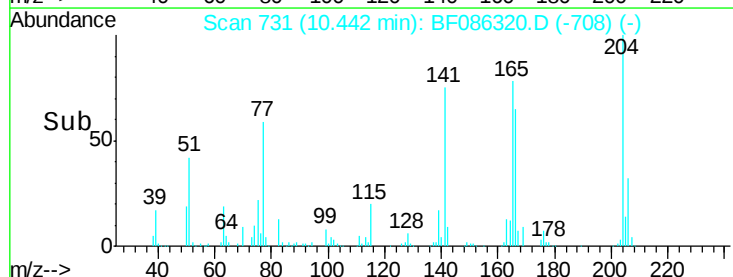
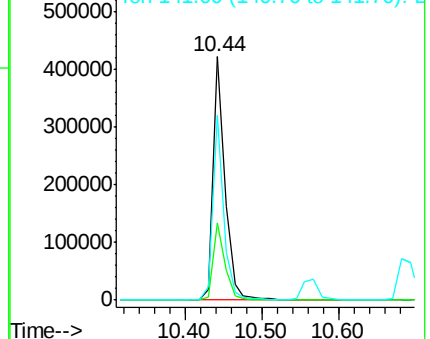
141 75.9 55.4 83.0

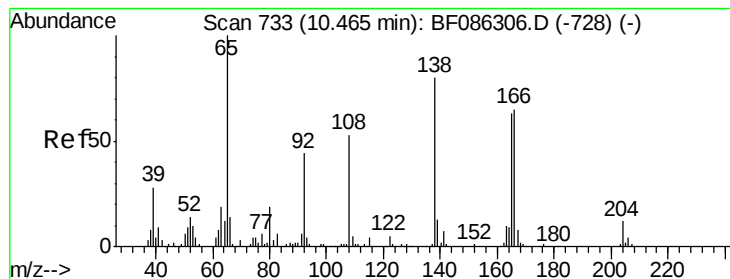


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.91 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

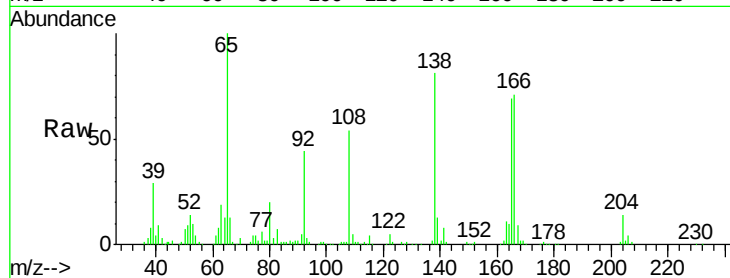
Tgt Ion:138 Resp: 322736

Ion Ratio Lower Upper

138 100

92 54.1 31.9 71.9

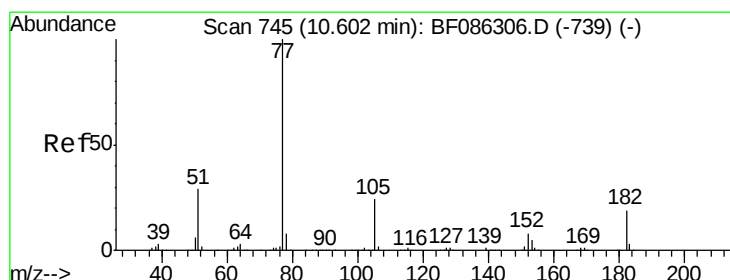
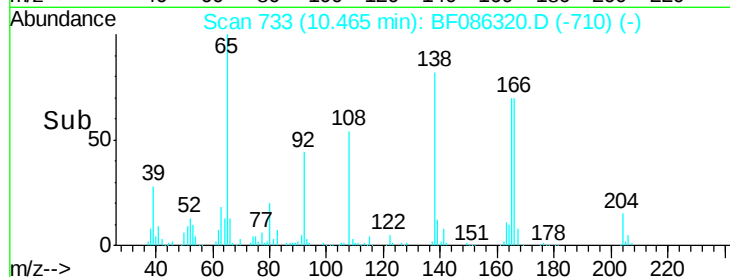
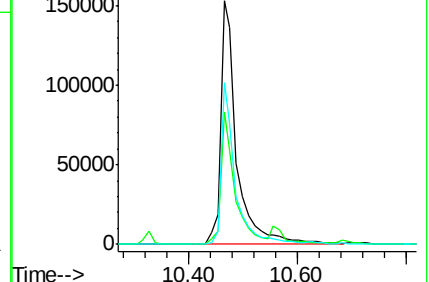
108 66.6 58.7 98.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.87 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Tgt Ion: 77 Resp: 1265913

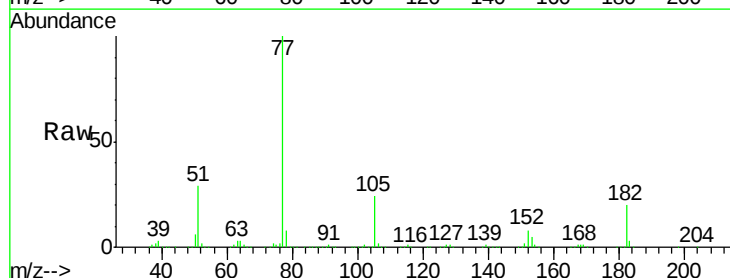
Ion Ratio Lower Upper

77 100

182 19.6 2.3 42.3

105 23.5 3.4 43.4

51 29.5 11.7 51.7

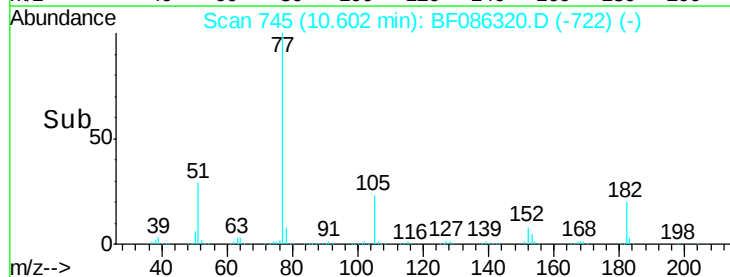
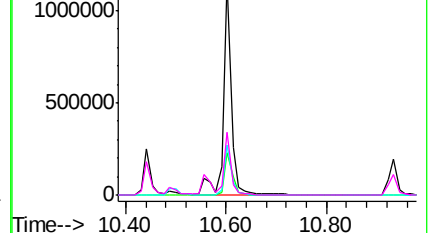


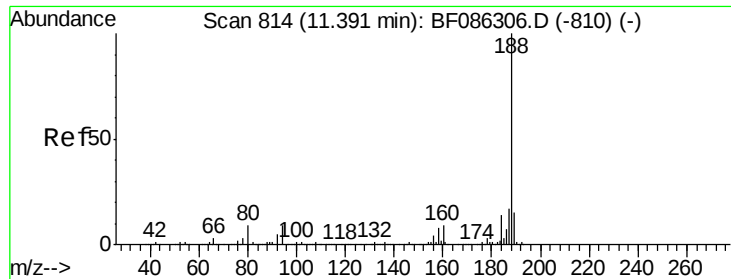
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

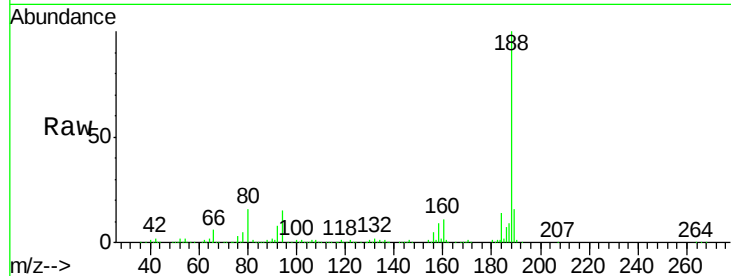
Tgt Ion:188 Resp: 702213

Ion Ratio Lower Upper

188 100

94 14.6 9.8 14.8

80 15.7 10.5 15.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

600000

500000

400000

300000

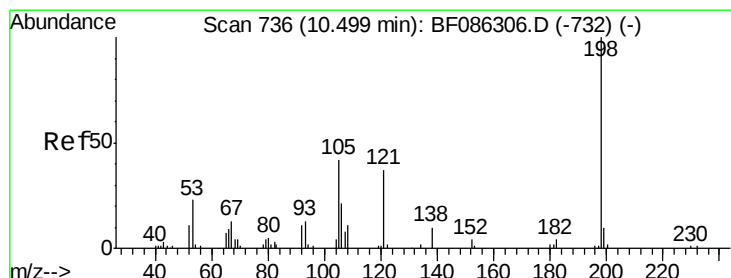
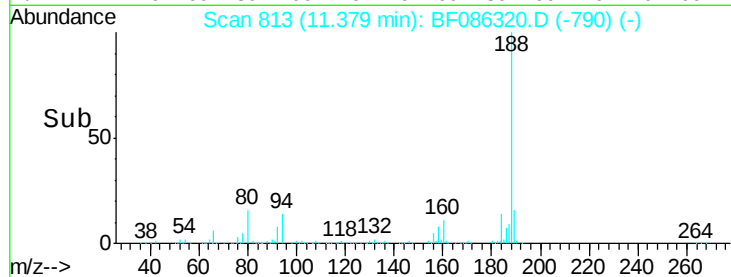
200000

100000

0

11.35 11.40 11.45

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 49.75 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

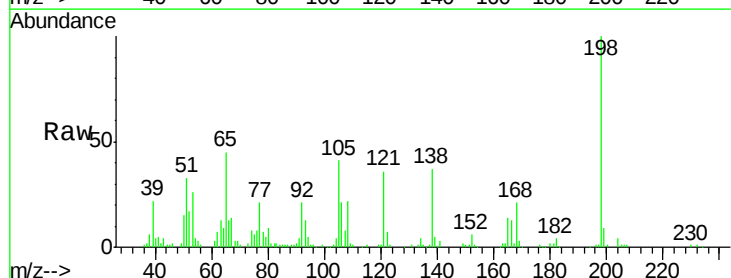
Tgt Ion:198 Resp: 110420

Ion Ratio Lower Upper

198 100

51 33.3 56.5 96.5#

105 40.8 48.0 88.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

400000

300000

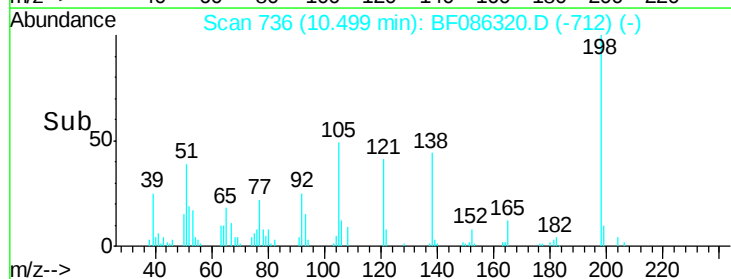
200000

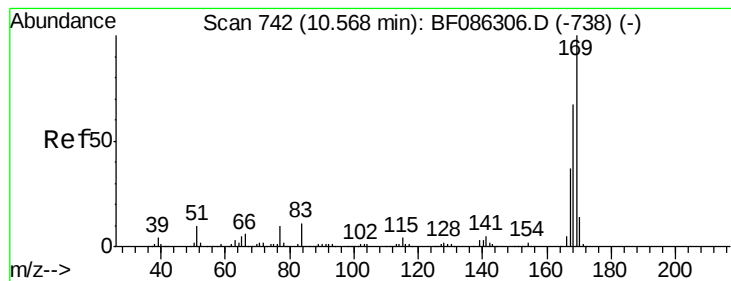
100000

0

10.40 10.50 10.60 10.70

Time-->





#65

n-Nitrosodiphenylamine

Concen: 41.76 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

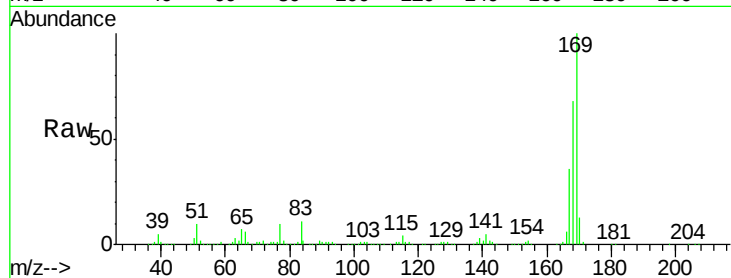
Tgt Ion:169 Resp: 966032

Ion Ratio Lower Upper

169 100

168 67.5 54.3 81.5

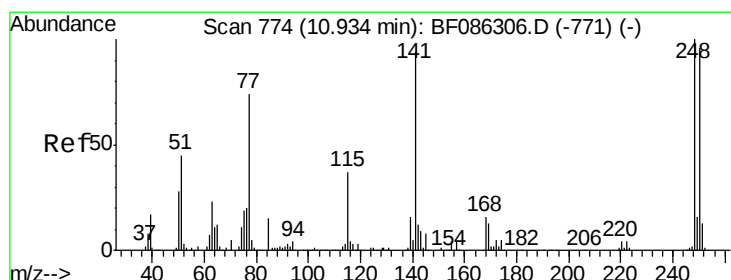
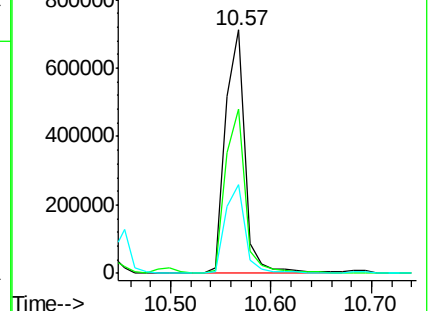
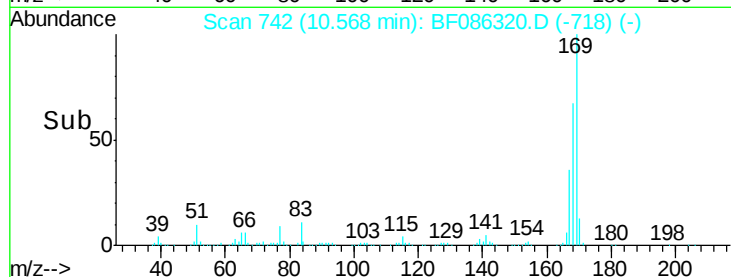
167 36.5 30.2 45.2



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: 40.14 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

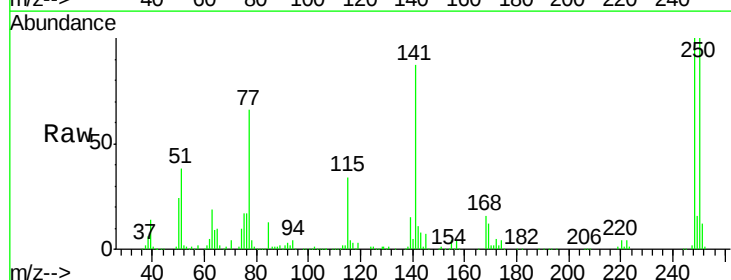
Tgt Ion:248 Resp: 302832

Ion Ratio Lower Upper

248 100

250 100.1 78.6 118.0

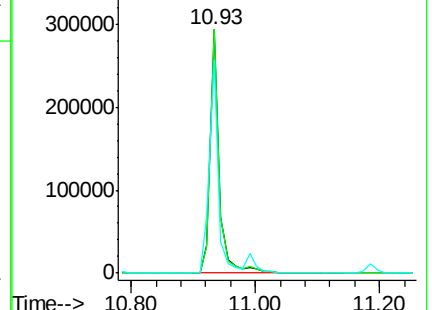
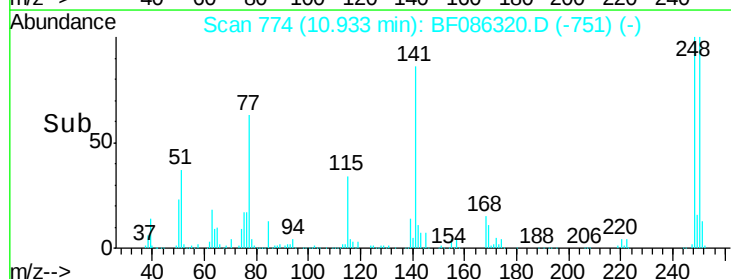
141 87.4 57.9 86.9#

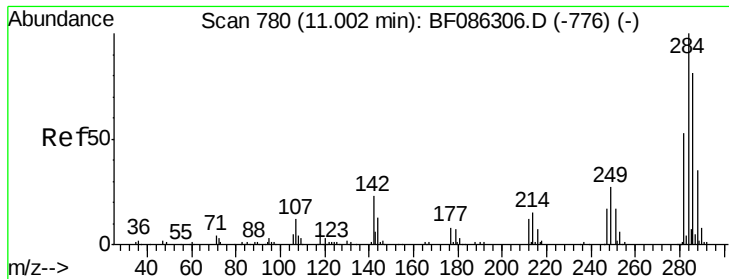


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

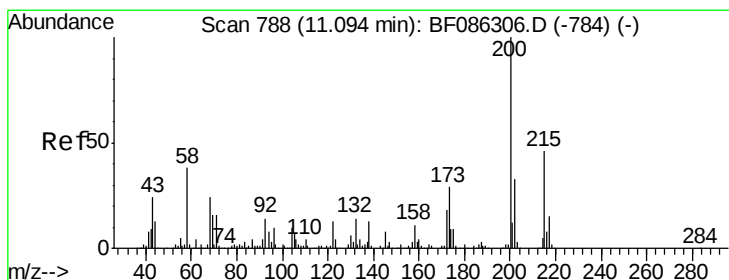
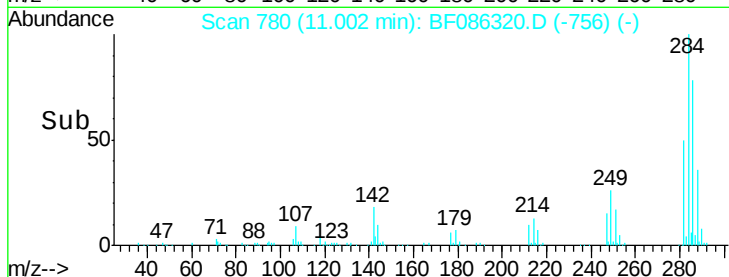
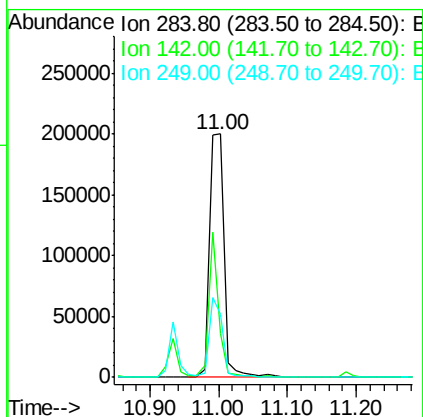
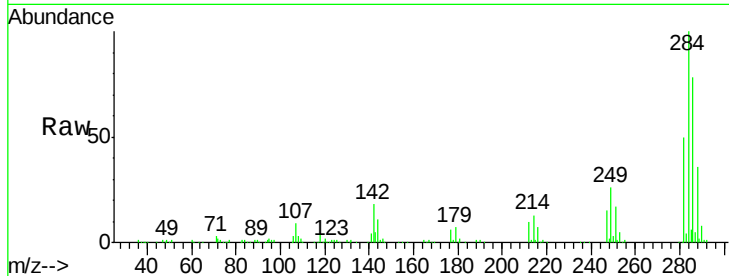




#67
Hexachlorobenzene
Concen: 39.69 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

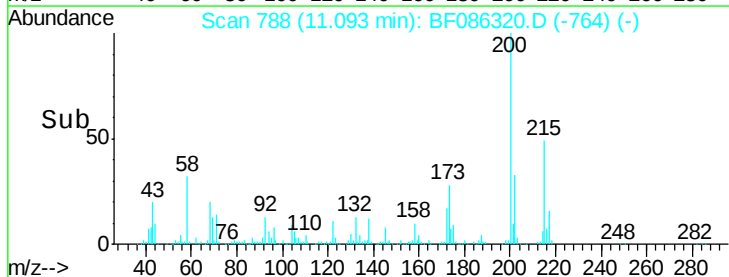
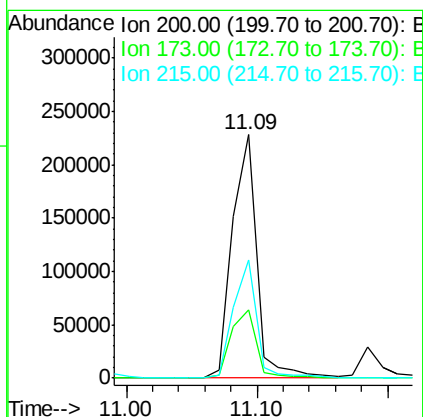
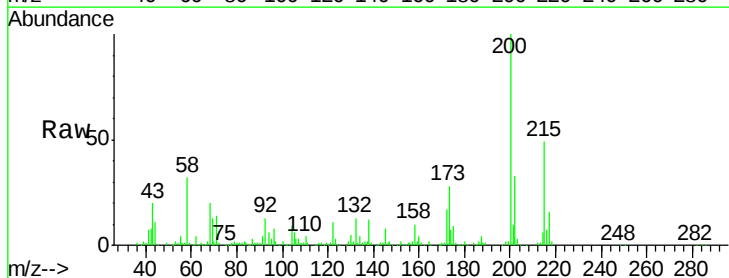
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

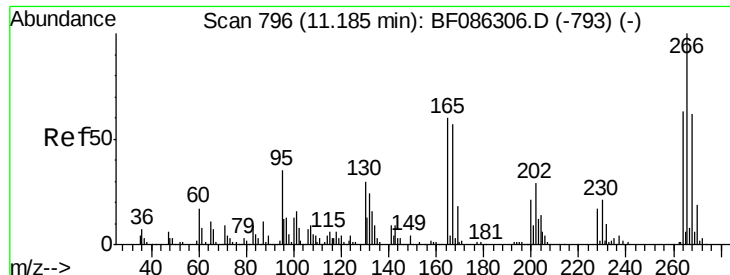
Tgt Ion	Ratio	Lower	Upper
284	100		
142	18.3	42.6	64.0#
249	25.8	25.9	38.9#



#68
Atrazine
Concen: 41.72 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.2	11.2	51.2
215	48.5	24.0	64.0

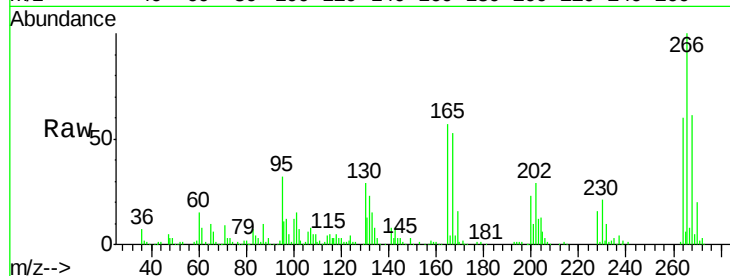




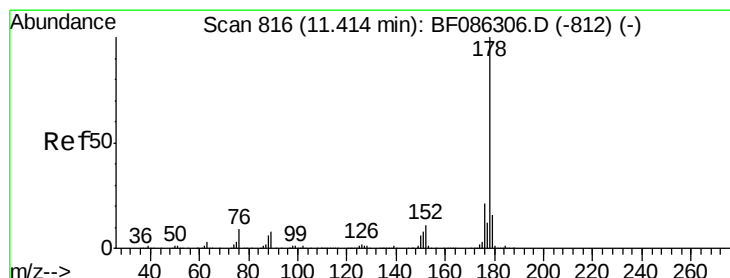
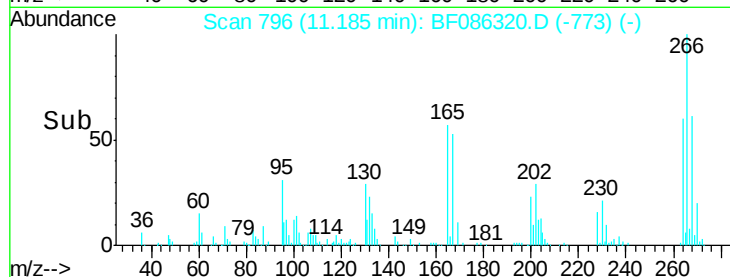
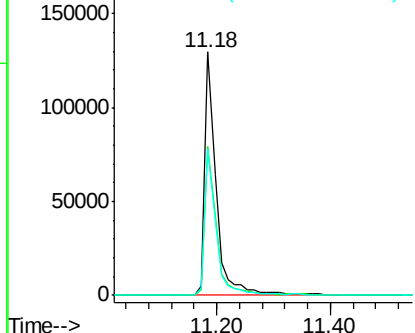
#69
 Pentachlorophenol
 Concen: 43.89 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 174091
 Ion Ratio Lower Upper
 266 100
 268 61.1 53.0 79.4
 264 60.2 51.3 76.9

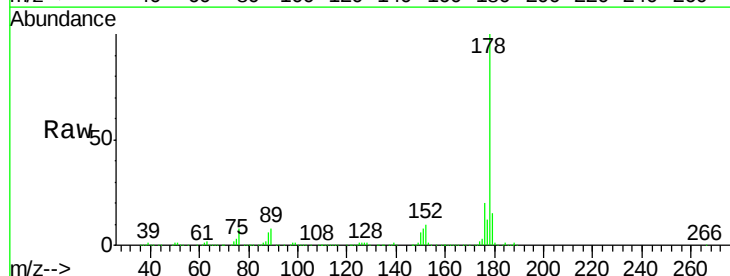


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

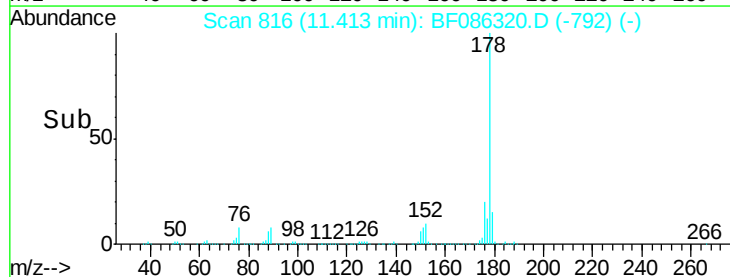
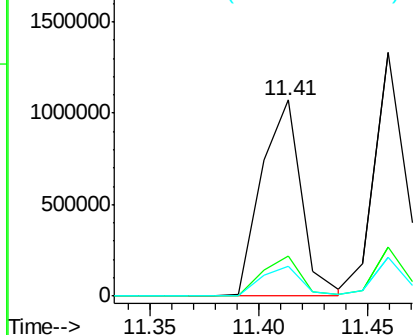


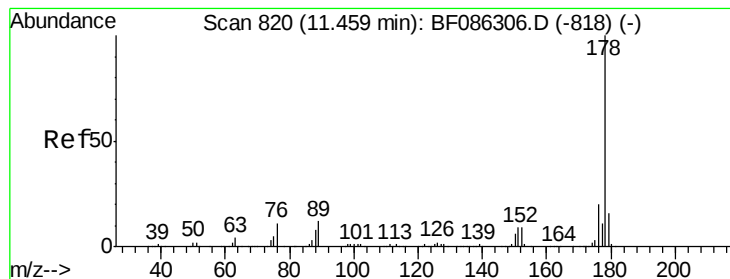
#70
 Phenanthrene
 Concen: 41.28 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Tgt Ion: 178 Resp: 1373600
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.3 24.5
 179 15.3 13.0 19.6



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





#71

Anthracene

Concen: 41.52 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

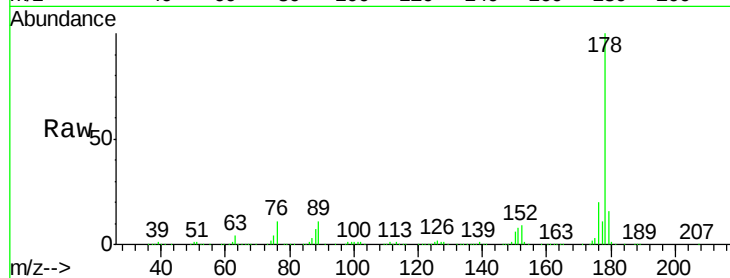
Tgt Ion:178 Resp: 1479495

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

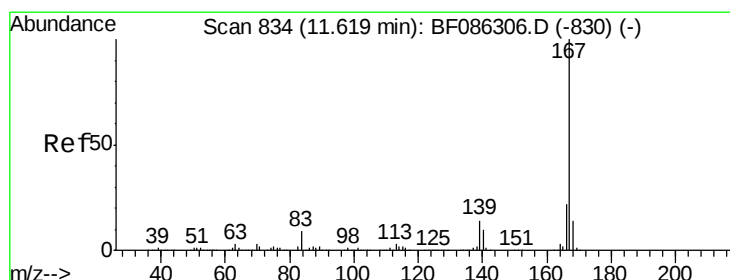
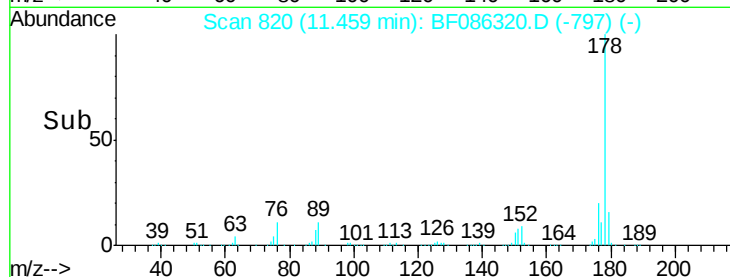
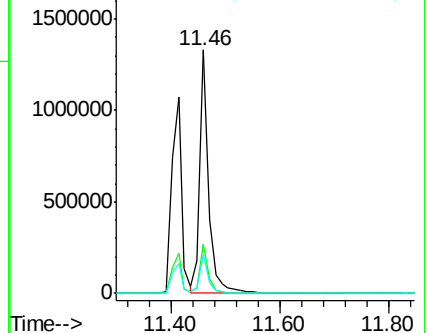
179 16.2 13.2 19.8



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



#72

Carbazole

Concen: 40.75 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

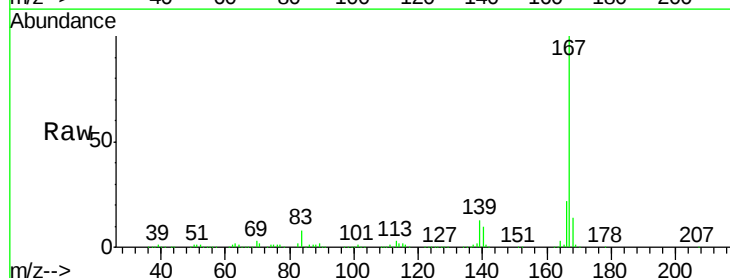
Tgt Ion:167 Resp: 1374254

Ion Ratio Lower Upper

167 100

166 21.7 18.3 27.5

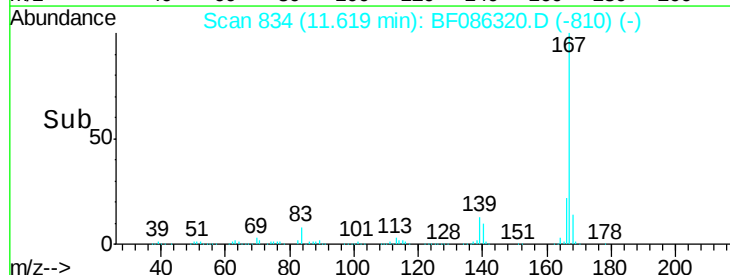
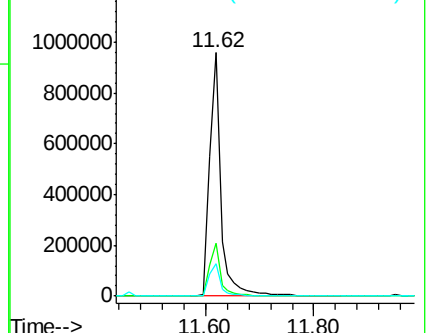
139 13.5 12.3 18.5

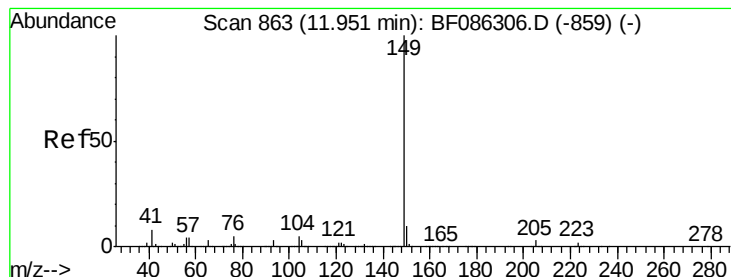


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.96 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

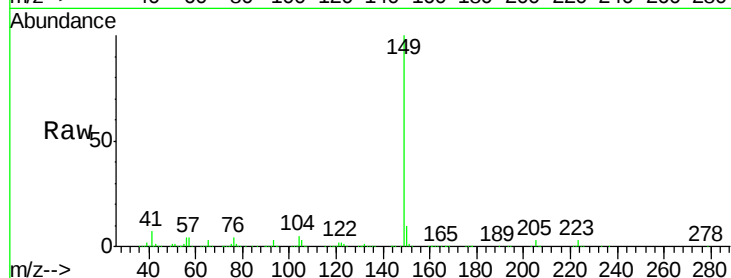
Tgt Ion:149 Resp: 1821811

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

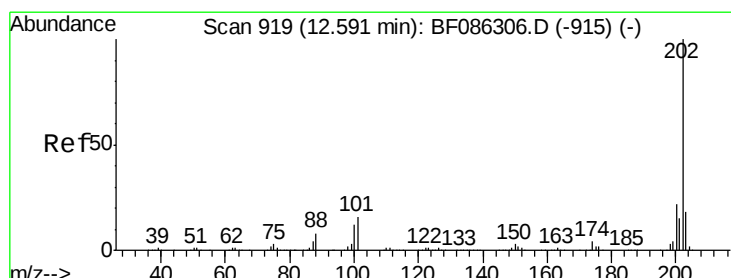
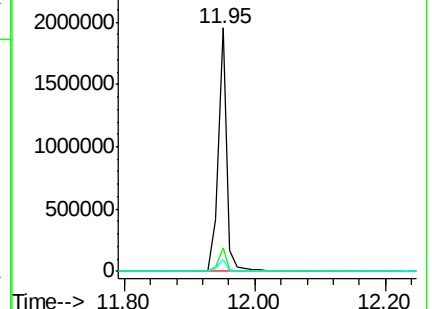
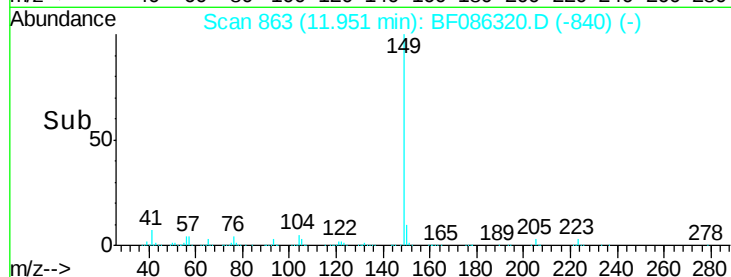
104 4.7 4.1 6.1



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: 38.93 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

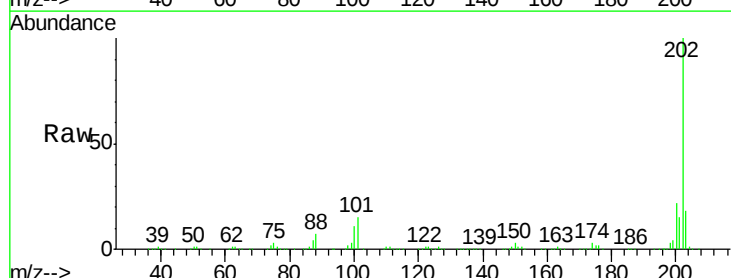
Tgt Ion:202 Resp: 1201213

Ion Ratio Lower Upper

202 100

101 15.1 0.0 35.2

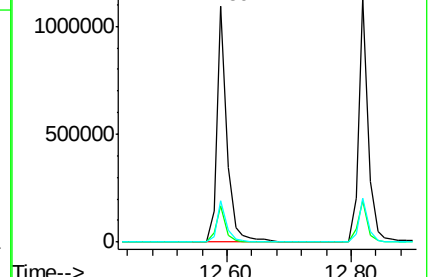
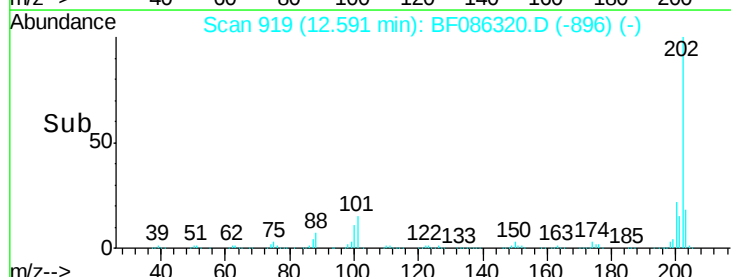
203 17.8 0.0 38.2

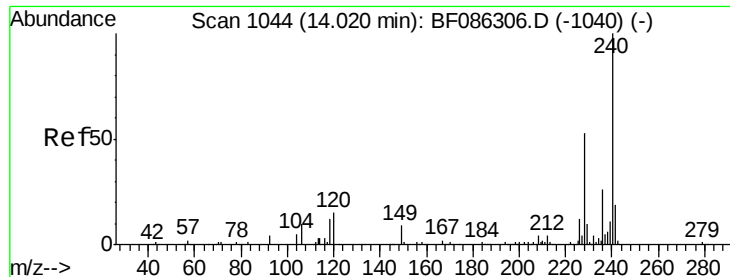


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

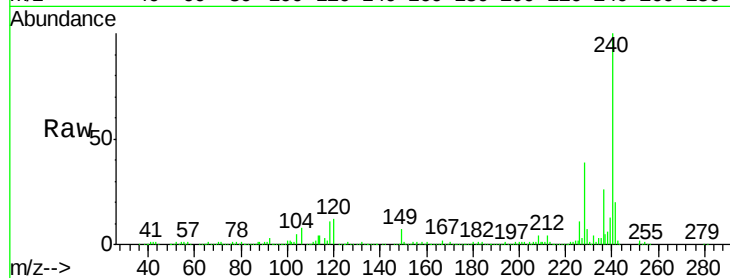
Tgt Ion:240 Resp: 414959

Ion Ratio Lower Upper

240 100

120 11.9 9.3 13.9

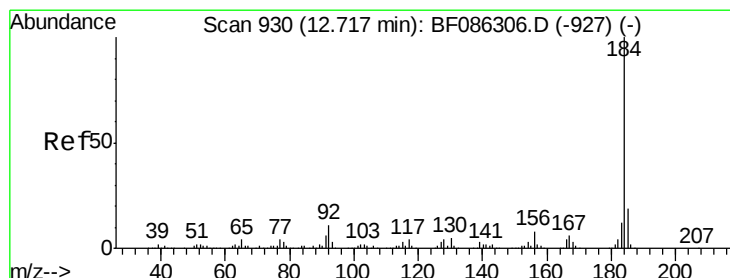
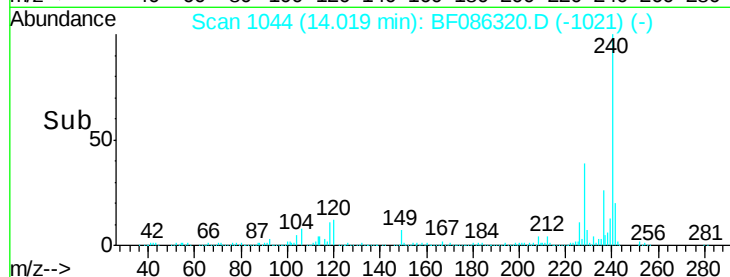
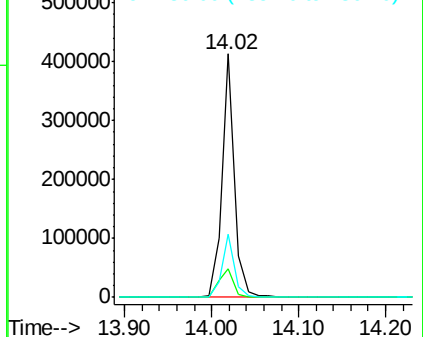
236 26.0 21.1 31.7



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: 37.90 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

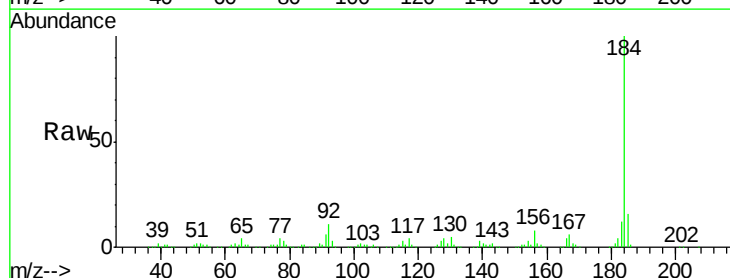
Tgt Ion:184 Resp: 694245

Ion Ratio Lower Upper

184 100

185 16.2 14.2 21.2

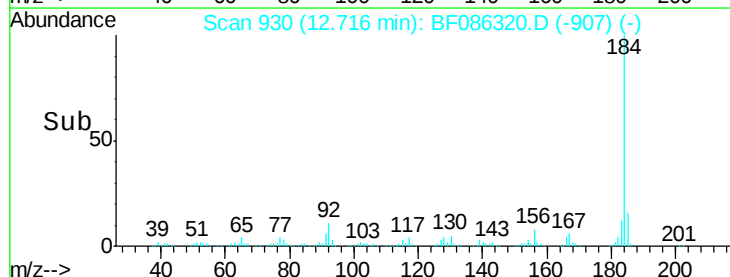
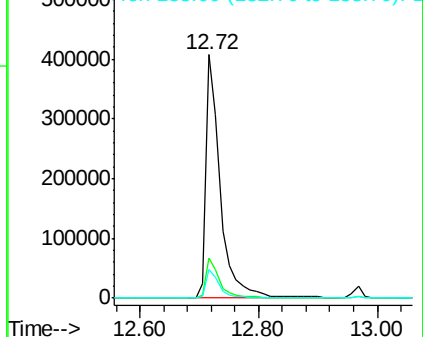
183 11.5 9.8 14.6

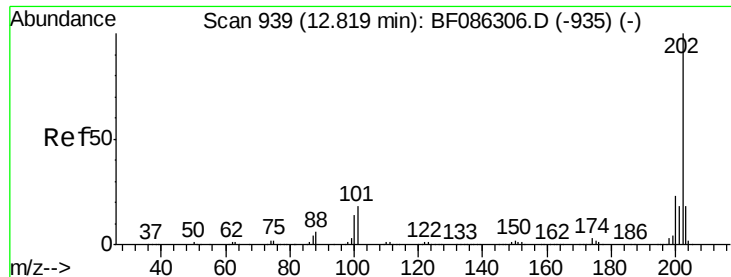


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

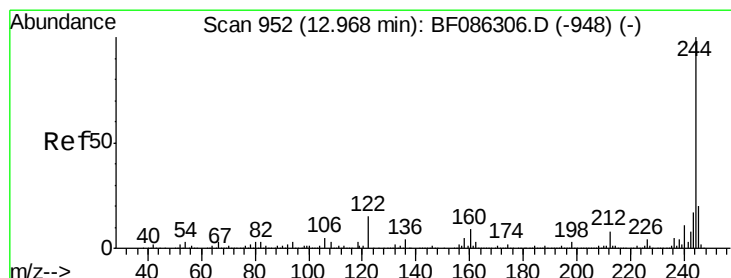
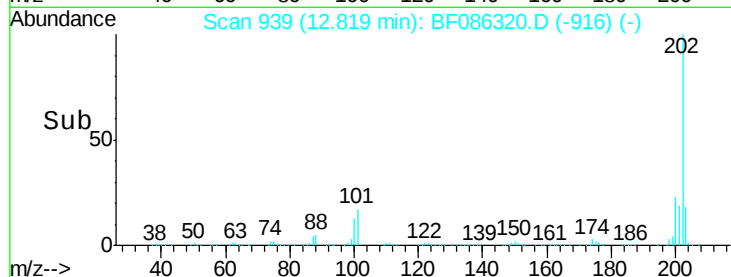
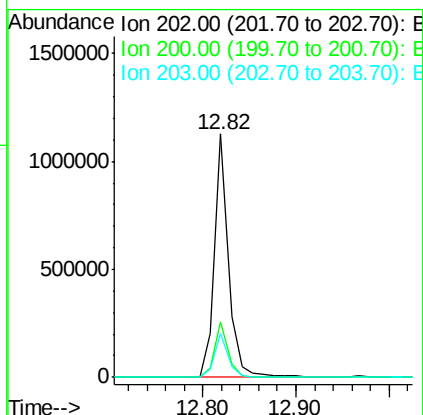
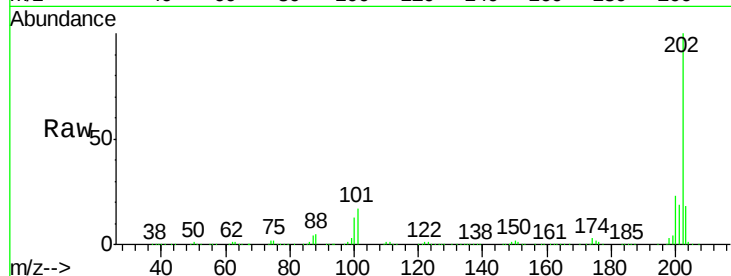




#77
 Pyrene
 Concen: 38.41 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

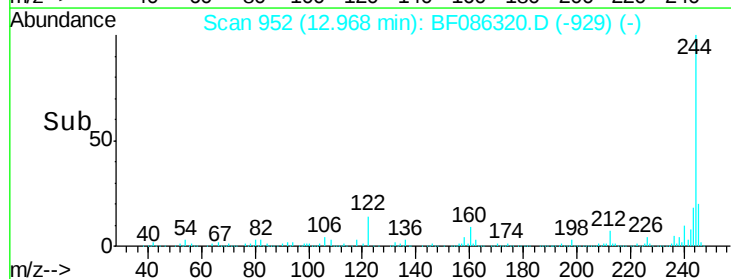
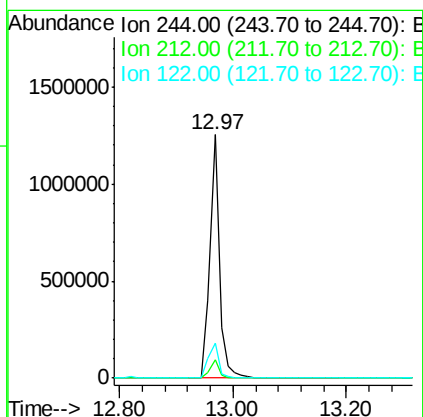
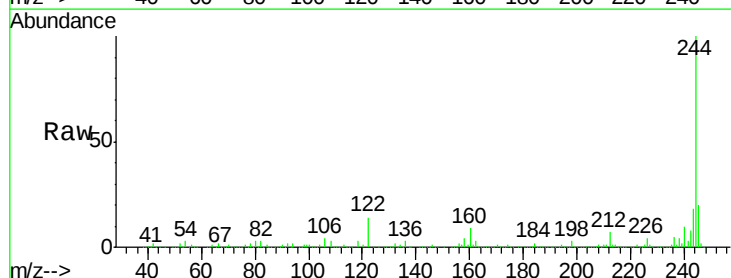
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

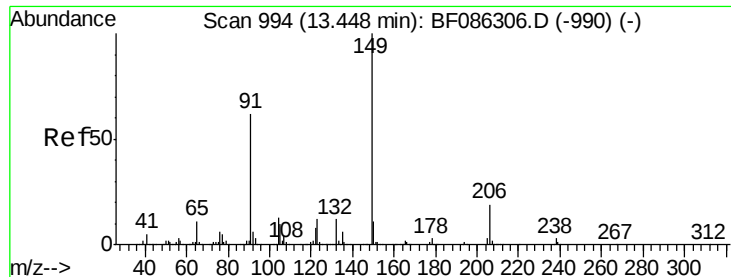
Tgt Ion:202 Resp: 1182271
 Ion Ratio Lower Upper
 202 100
 200 22.6 18.3 27.5
 203 18.0 14.9 22.3



#78
 Terphenyl-d14
 Concen: 79.83 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Tgt Ion:244 Resp: 1391687
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.4 9.6
 122 14.2 11.7 17.5

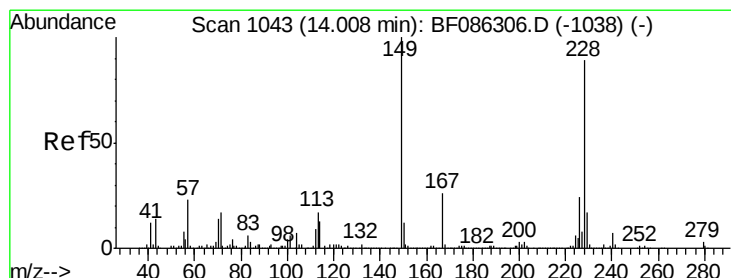
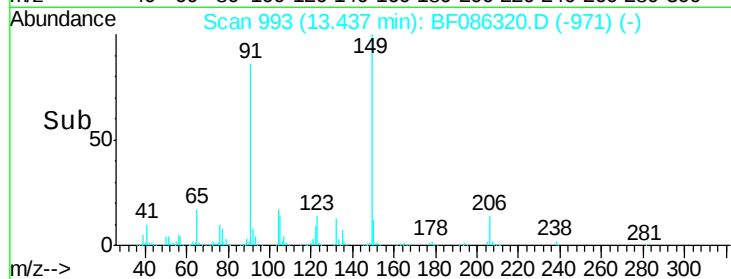
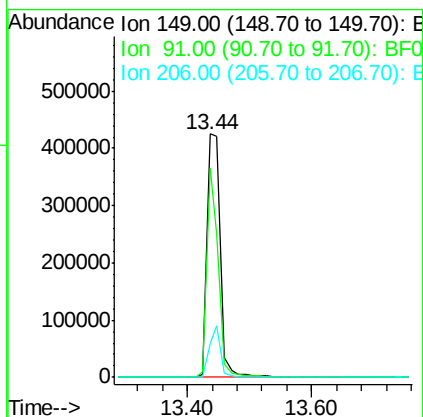
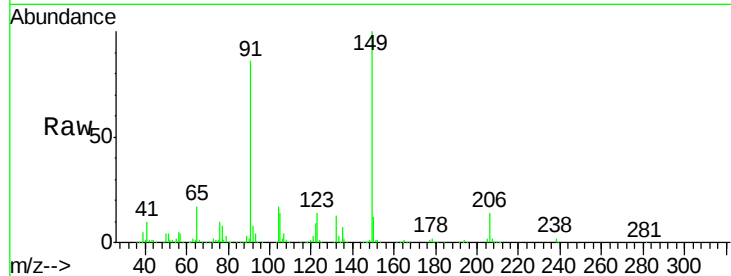




#79
Butylbenzylphthalate
Concen: 39.11 ng
RT: 13.44 min Scan# 993
Delta R.T. -0.05 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

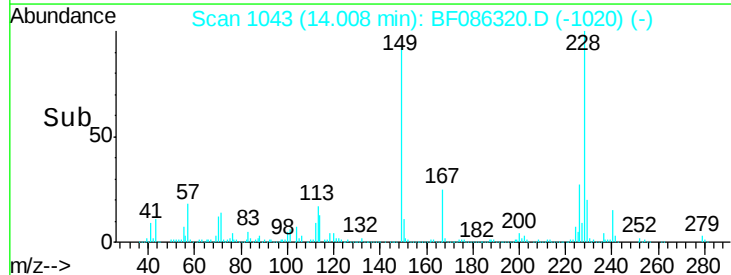
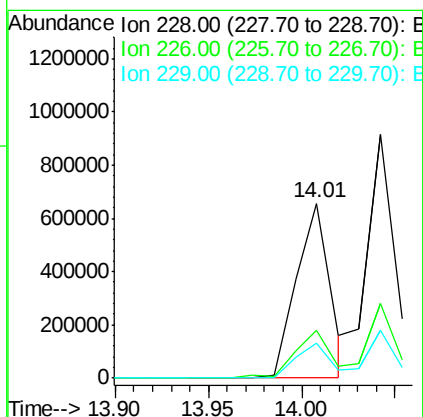
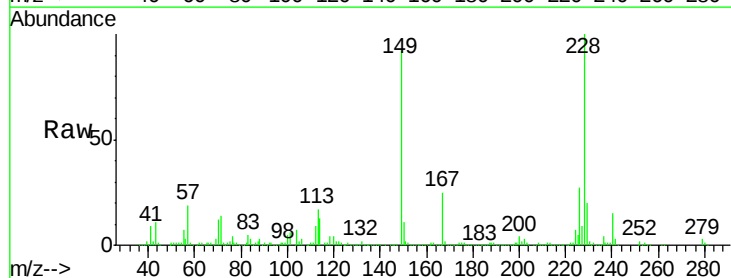
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

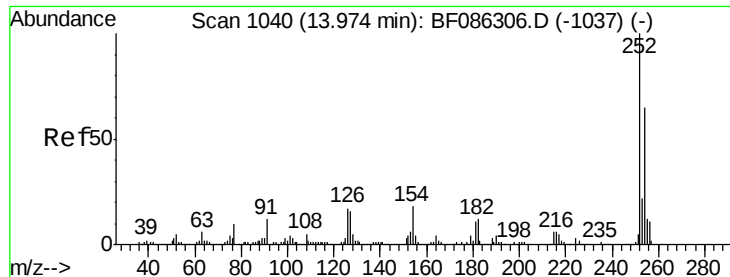
Tgt Ion:149 Resp: 635587
Ion Ratio Lower Upper
149 100
91 86.0 48.7 73.1#
206 13.6 15.7 23.5#



#80
Benzo(a)anthracene
Concen: 37.77 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF086320.D
Acq: 20 Apr 2016 20:41

Tgt Ion:228 Resp: 825697
Ion Ratio Lower Upper
228 100
226 27.3 22.5 33.7
229 19.6 16.2 24.2

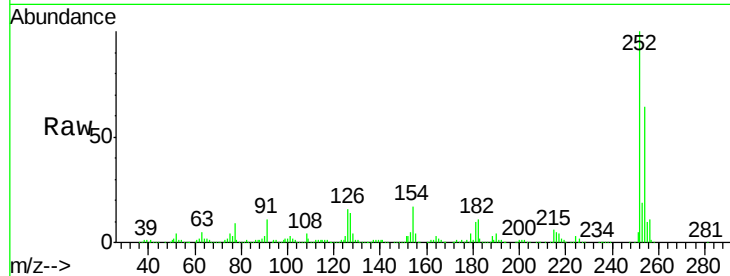




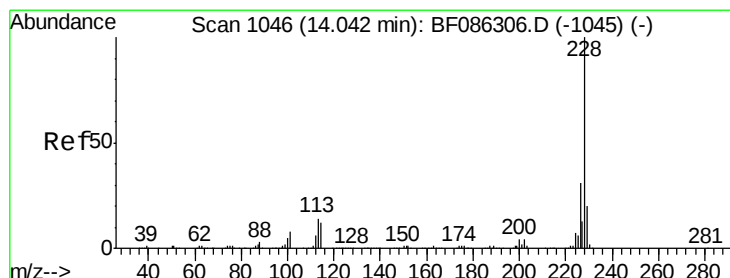
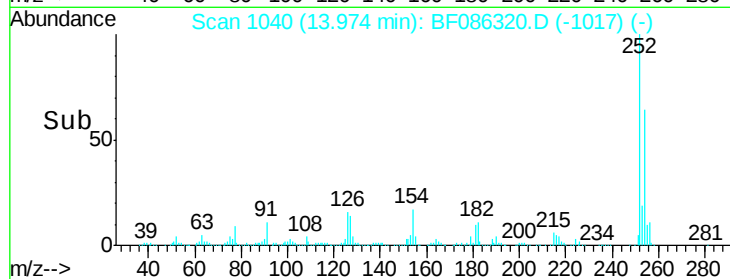
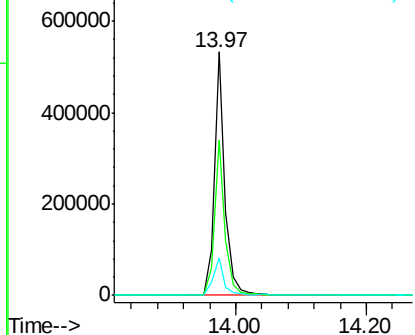
#81
 3,3'-Dichlorobenzidine
 Concen: 40.15 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.1	78.1
126	15.6	13.2	19.8

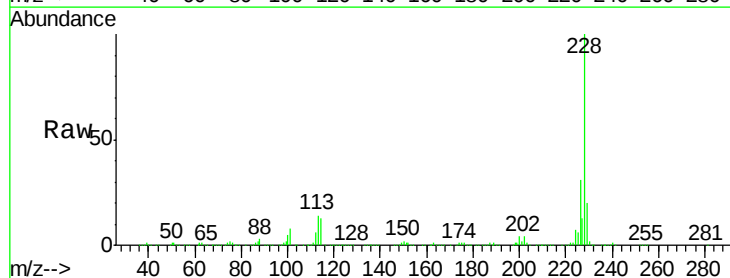


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

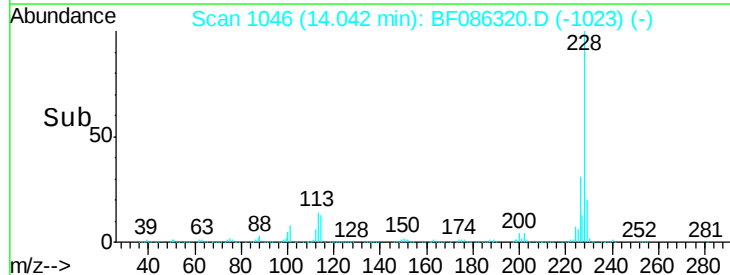
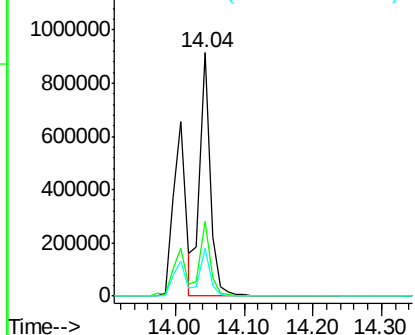


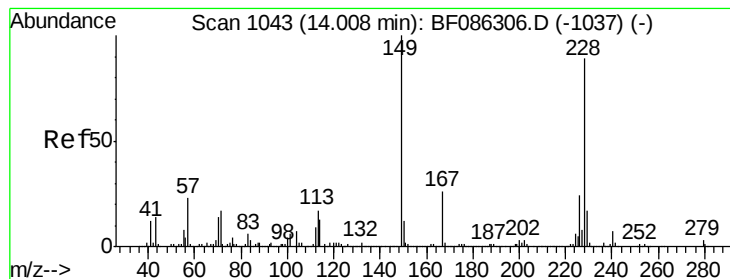
#82
 Chrysene
 Concen: 40.54 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.2
229	19.9	16.5	24.7



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.10 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

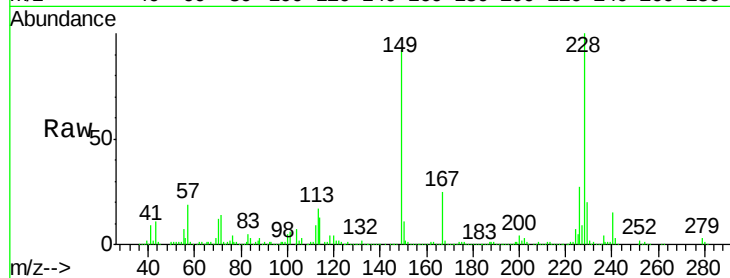
Tgt Ion:149 Resp: 744068

Ion Ratio Lower Upper

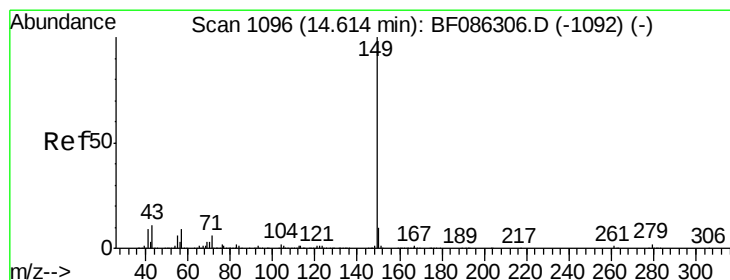
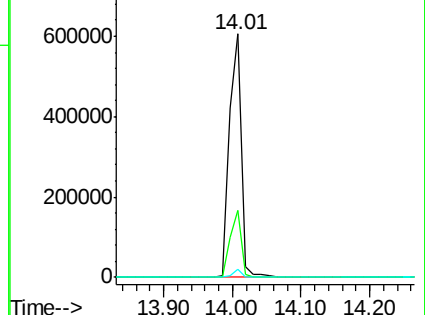
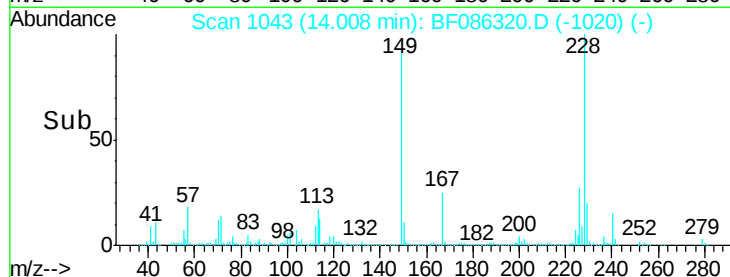
149 100

167 27.3 21.0 31.4

279 3.5 2.4 3.6



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



#84

Di-n-octyl phthalate

Concen: 39.15 ng

RT: 14.61 min Scan# 1096

Delta R.T. -0.03 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

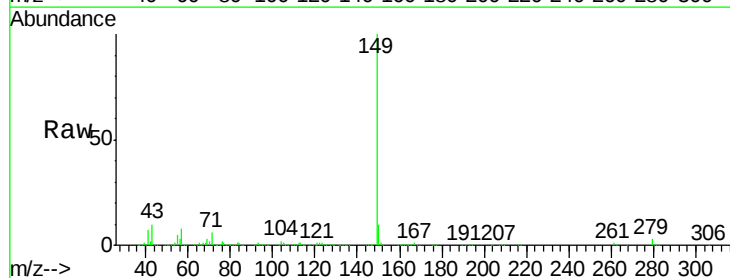
Tgt Ion:149 Resp: 1342499

Ion Ratio Lower Upper

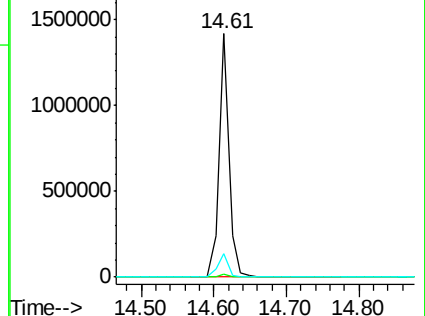
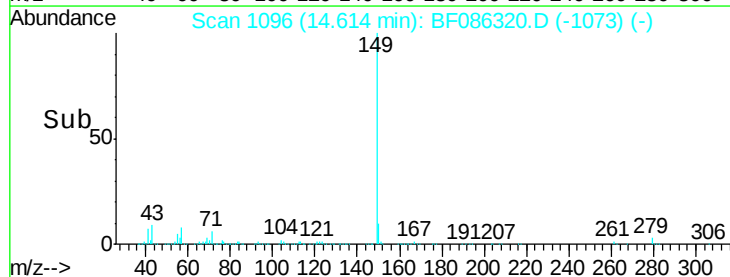
149 100

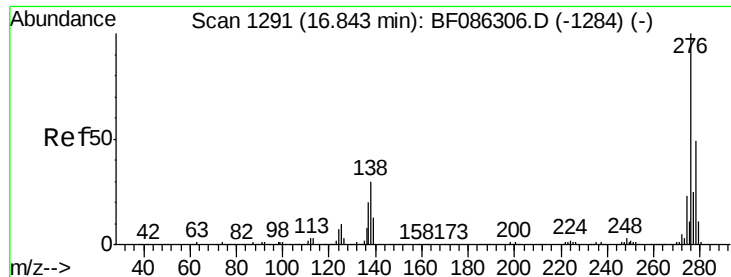
167 1.5 1.1 1.7

43 10.1 9.1 13.7



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

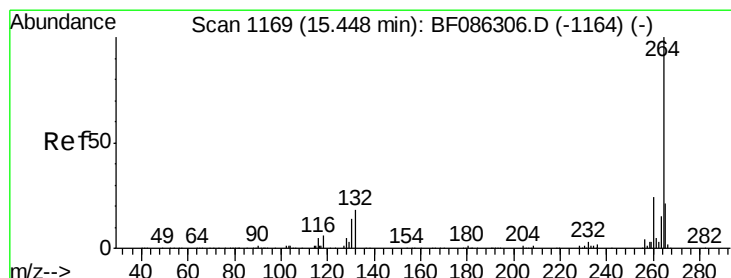
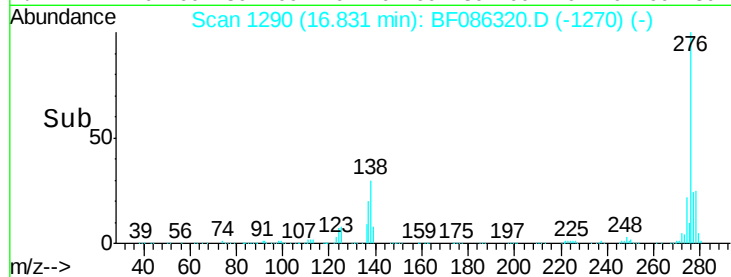
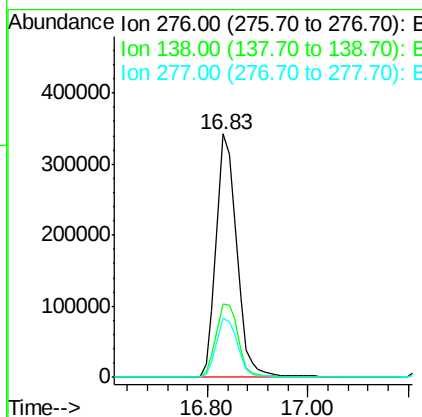
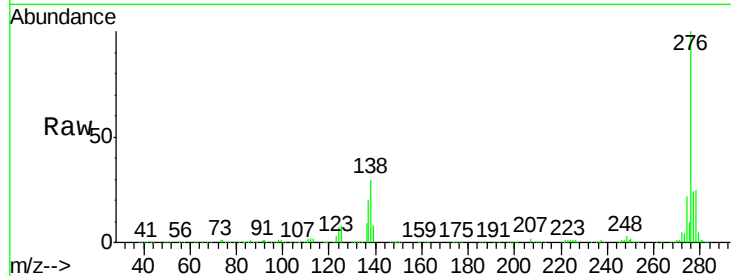




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.86 ng
 RT: 16.83 min Scan# 1290
 Delta R.T. -0.07 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

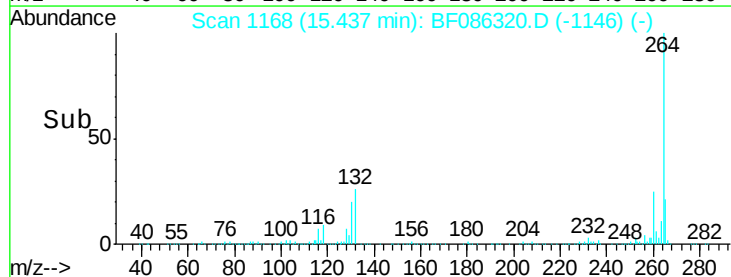
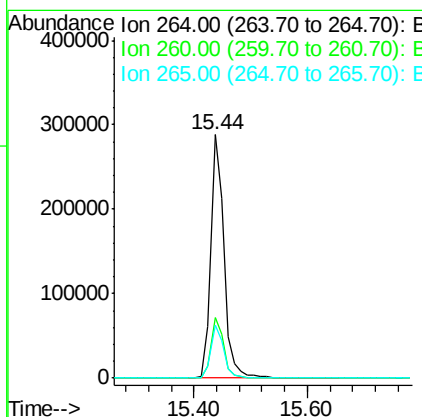
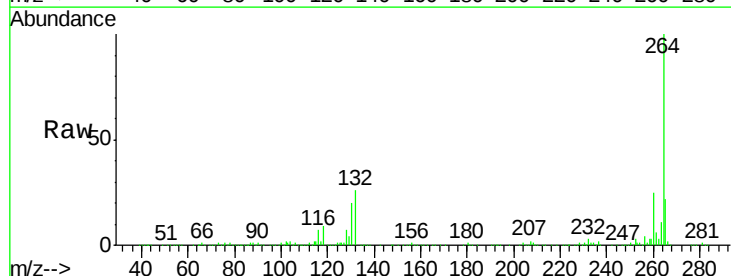
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

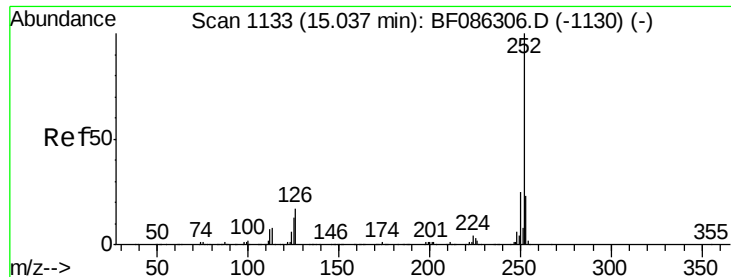
Tgt Ion: 276 Resp: 992703
 Ion Ratio Lower Upper
 276 100
 138 33.0 23.8 35.6
 277 25.4 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.05 min
 Lab File: BF086320.D
 Acq: 20 Apr 2016 20:41

Tgt Ion: 264 Resp: 446964
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.0 30.0
 265 21.6 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 75.02 ng

RT: 15.06 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

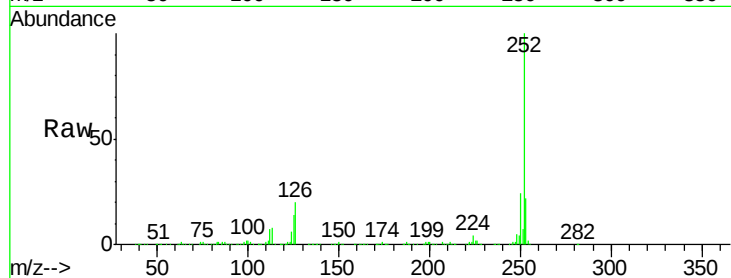
Tgt Ion:252 Resp: 1939324

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

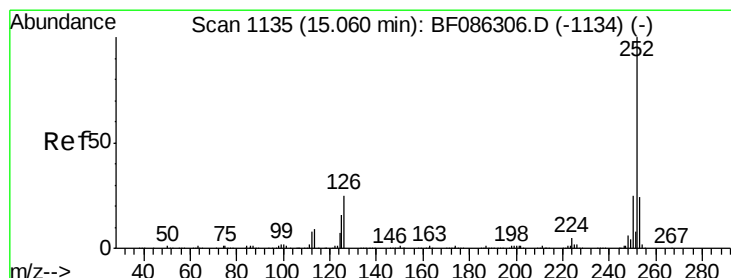
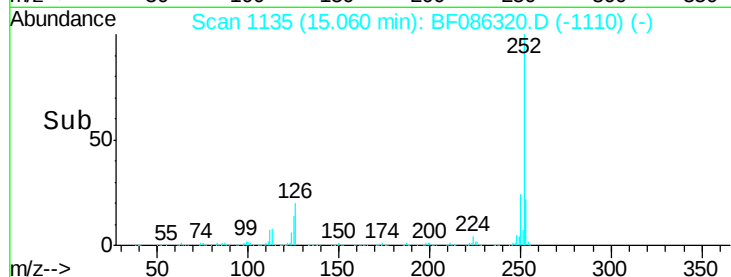
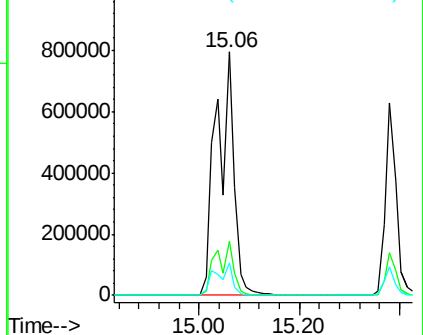
125 13.6 10.3 15.5



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: 89.19 ng

RT: 15.06 min Scan# 1135

Delta R.T. -0.05 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

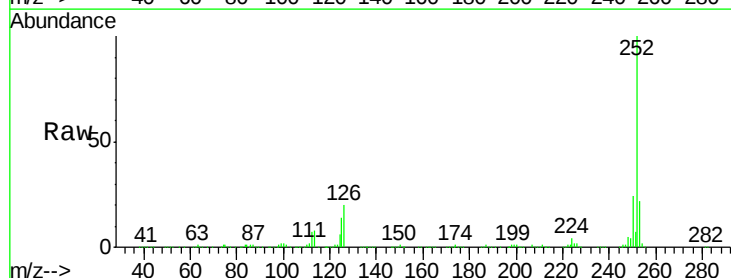
Tgt Ion:252 Resp: 1940967

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

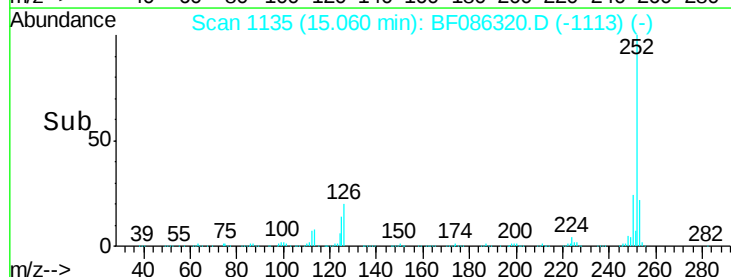
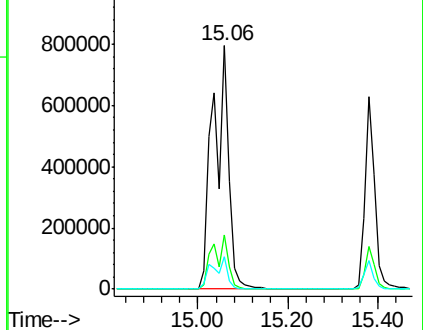
125 13.6 7.8 11.6#

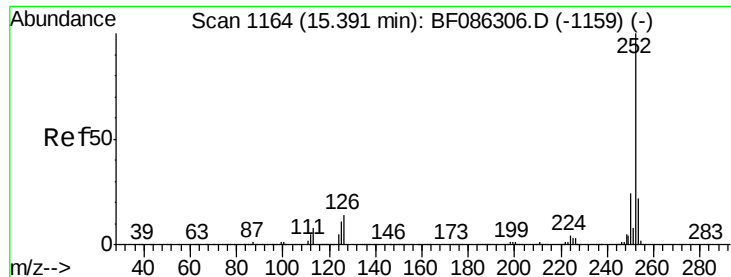


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.80 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.05 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

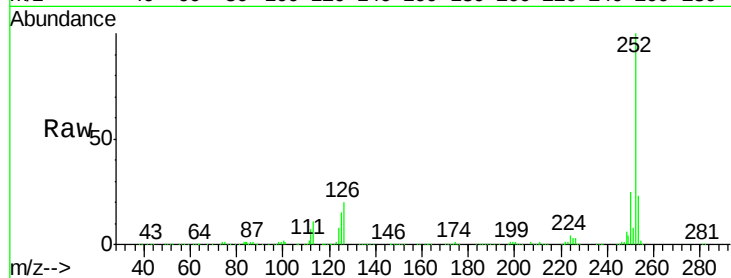
Tgt Ion:252 Resp: 948278

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

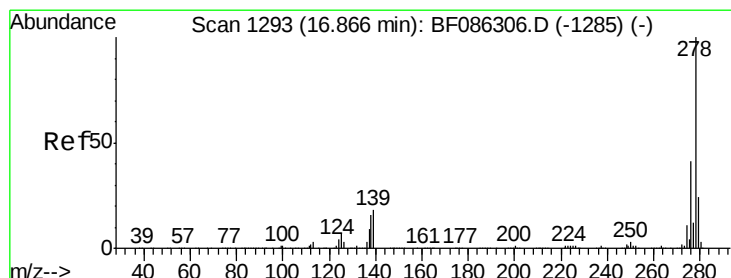
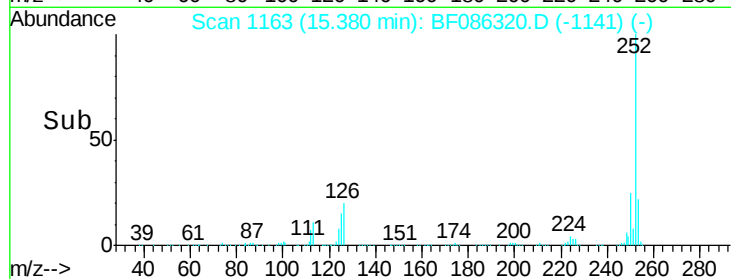
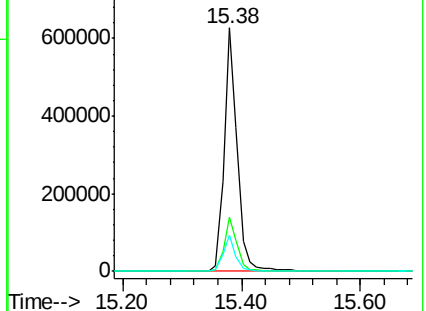
125 15.1 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.36 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

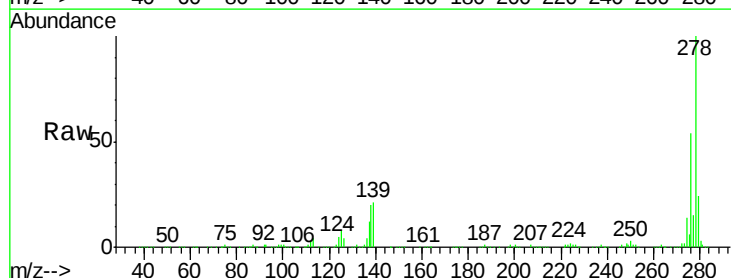
Tgt Ion:278 Resp: 839420

Ion Ratio Lower Upper

278 100

139 20.7 15.3 22.9

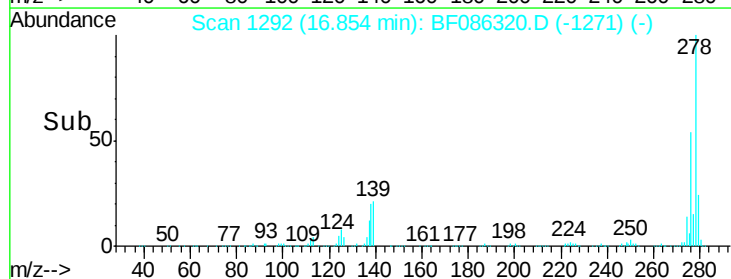
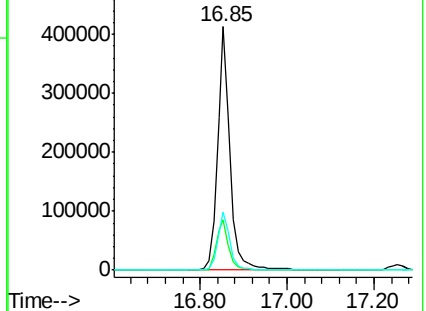
279 24.0 19.1 28.7

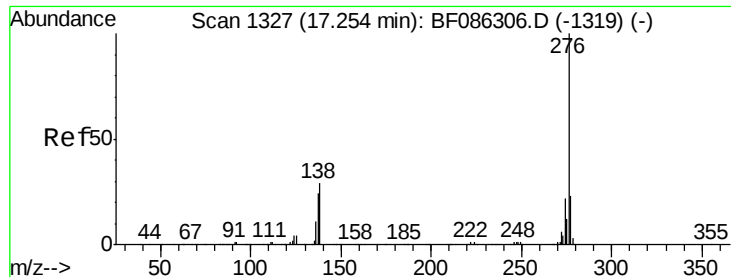


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.18 ng

RT: 17.25 min Scan# 1327

Delta R.T. -0.07 min

Lab File: BF086320.D

Acq: 20 Apr 2016 20:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

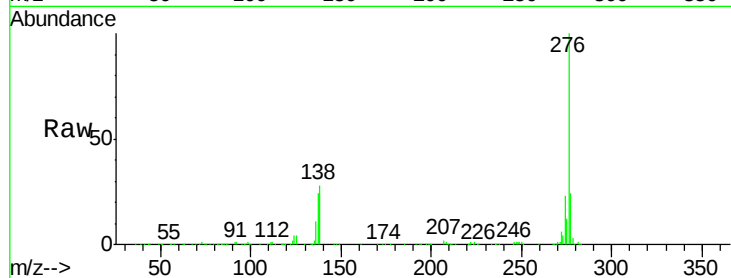
Tgt Ion: 276 Resp: 801398

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.6

138 28.2 19.6 29.4



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

