

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061416\
 Data File : BF088005.D
 Acq On : 14 Jun 2016 16:21
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 15 03:55:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110397	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	437256	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	213481	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	386069	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	288336	20.00	ng	-0.01
86) Perylene-d12	15.35	264	227880	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	513238	79.48	ng	-0.01
7) Phenol-d6	6.42	99	596310	76.19	ng	-0.01
23) Nitrobenzene-d5	7.36	82	604387	80.71	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	148286	65.78	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	952504	69.05	ng	-0.01
78) Terphenyl-d14	12.89	244	831315	65.61	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.31	88	126079	40.18	ng	# 40
3) Pyridine	3.02	79	282064	38.07	ng	94
4) n-Nitrosodimethylamine	2.96	42	117665	37.50	ng	86
6) Aniline	6.44	93	419988	37.70	ng	# 89
8) 2-Chlorophenol	6.57	128	309077	40.44	ng	85
9) Benzaldehyde	6.33	77	174530	33.46	ng	97
10) Phenol	6.43	94	309107	37.86	ng	# 69
11) bis(2-Chloroethyl)ether	6.52	93	285674	41.63	ng	88
12) 1,3-Dichlorobenzene	6.72	146	302867	36.93	ng	100
13) 1,4-Dichlorobenzene	6.80	146	306545	37.11	ng	99
14) 1,2-Dichlorobenzene	6.96	146	298364	39.71	ng	99
15) Benzyl Alcohol	6.94	79	230287	37.61	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	371647	40.09	ng	92
17) 2-Methylphenol	7.05	107	250414	40.40	ng	97
18) Hexachloroethane	7.30	117	113558	38.74	ng	90
19) n-Nitroso-di-n-propylamine	7.21	70	198954	39.74	ng	88
20) 3+4-Methylphenols	7.20	107	280481	38.78	ng	# 61
22) Acetophenone	7.20	105	364679	37.32	ng	# 91
24) Nitrobenzene	7.37	77	276556	38.13	ng	90
25) Isophorone	7.62	82	534437	38.53	ng	# 92
26) 2-Nitrophenol	7.69	139	175996	45.30	ng	# 81
27) 2,4-Dimethylphenol	7.74	122	299201	41.82	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	333160	38.73	ng	# 97
29) 2,4-Dichlorophenol	7.93	162	230224	38.54	ng	99
30) 1,2,4-Trichlorobenzene	8.01	180	239341	36.80	ng	97
31) Naphthalene	8.09	128	786381	36.34	ng	100
32) Benzoic acid	7.86	122	169500	43.03	ng	94
33) 4-Chloroaniline	8.15	127	393128	40.69	ng	95
34) Hexachlorobutadiene	8.22	225	134227	39.13	ng	98
35) Caprolactam	8.52	113	84475	42.70	ng	94
36) 4-Chloro-3-methylphenol	8.64	107	263120	41.19	ng	87
37) 2-Methylnaphthalene	8.79	142	565000	39.62	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	231971	40.31	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	98780	28.69	ng	99

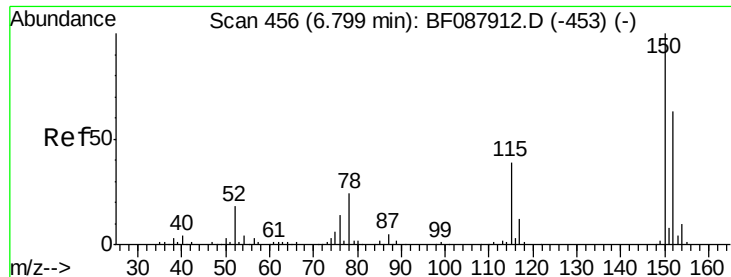
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061416\
 Data File : BF088005.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	155205	36.35	ng	97
43) 2,4,5-Trichlorophenol	9.11	196	167499	37.71	ng #	93
45) 1,1'-Biphenyl	9.26	154	689342	42.70	ng	96
46) 2-Chloronaphthalene	9.28	162	550618	39.86	ng	93
47) 2-Nitroaniline	9.37	65	144446	35.45	ng	92
48) Acenaphthylene	9.69	152	852643	38.80	ng	99
49) Dimethylphthalate	9.56	163	609307	39.40	ng	98
50) 2,6-Dinitrotoluene	9.62	165	149560	42.23	ng	91
51) Acenaphthene	9.86	154	509605	37.18	ng	99
52) 3-Nitroaniline	9.78	138	141176	34.55	ng	97
53) 2,4-Dinitrophenol	9.88	184	56572	35.07	ng #	79
54) Dibenzofuran	10.03	168	718906	38.08	ng	93
55) 4-Nitrophenol	9.95	139	134561	42.42	ng #	69
56) 2,4-Dinitrotoluene	10.02	165	200473	44.05	ng #	90
57) Fluorene	10.38	166	569663	44.61	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	127669	36.58	ng #	55
59) Diethylphthalate	10.25	149	582667	37.22	ng	97
60) 4-Chlorophenyl-phenylether	10.36	204	208862	33.27	ng	93
61) 4-Nitroaniline	10.40	138	157074	40.52	ng	99
62) Azobenzene	10.52	77	564439	36.46	ng	95
64) 4,6-Dinitro-2-methylphenol	10.43	198	85106	35.88	ng #	48
65) n-Nitrosodiphenylamine	10.49	169	527755	41.20	ng	100
66) 4-Bromophenyl-phenylether	10.86	248	156803	37.86	ng #	92
67) Hexachlorobenzene	10.92	284	169106	39.30	ng #	73
68) Atrazine	11.02	200	140376	36.19	ng	91
69) Pentachlorophenol	11.12	266	89745	39.56	ng	98
70) Phenanthrene	11.34	178	831310	41.03	ng	99
71) Anthracene	11.38	178	746561	36.53	ng	100
72) Carbazole	11.54	167	827834	43.29	ng	99
73) Di-n-butylphthalate	11.87	149	848838	35.07	ng	100
74) Fluoranthene	12.51	202	756531	35.39	ng	98
76) Benzidine	12.64	184	353911	44.33	ng	99
77) Pyrene	12.74	202	747925	34.96	ng	100
79) Butylbenzylphthalate	13.37	149	398995	42.18	ng	96
80) Benzo(a)anthracene	13.93	228	589996	35.91	ng	100
81) 3,3'-Dichlorobenzidine	13.90	252	190558	43.13	ng #	97
82) Chrysene	13.97	228	587050	37.98	ng	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	442334	38.41	ng #	98
84) Di-n-octyl phthalate	14.54	149	770925	41.20	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	529870	36.89	ng #	100
87) Benzo(b)fluoranthene	14.95	252	551136	34.70	ng #	97
88) Benzo(k)fluoranthene	14.95	252	551136	46.00	ng	97
89) Benzo(a)pyrene	15.29	252	499354	38.86	ng #	96
90) Dibenzo(a,h)anthracene	16.72	278	434461	36.40	ng	97
91) Benzo(g,h,i)perylene	17.11	276	464579	37.84	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

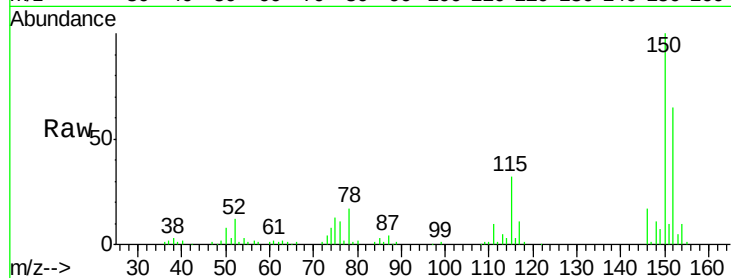
Tgt Ion:152 Resp: 110397

Ion Ratio Lower Upper

152 100

150 154.2 123.8 185.6

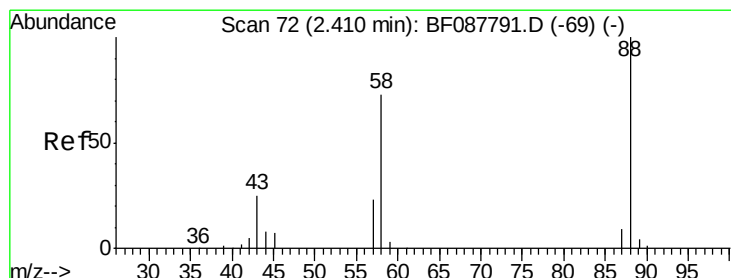
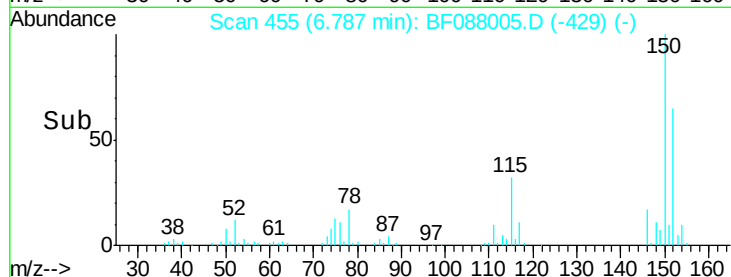
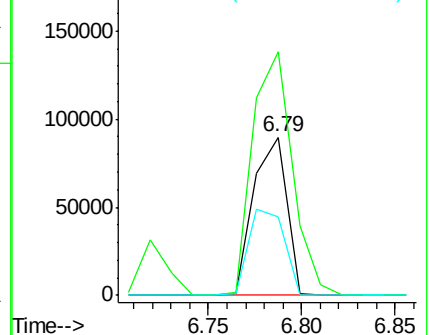
115 49.8 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.18 ng

RT: 2.31 min Scan# 63

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

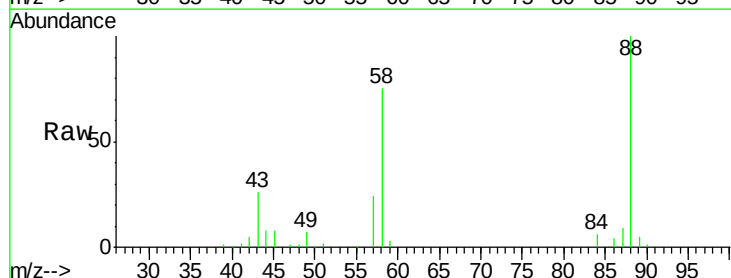
Tgt Ion: 88 Resp: 126079

Ion Ratio Lower Upper

88 100

58 68.9 0.0 0.0#

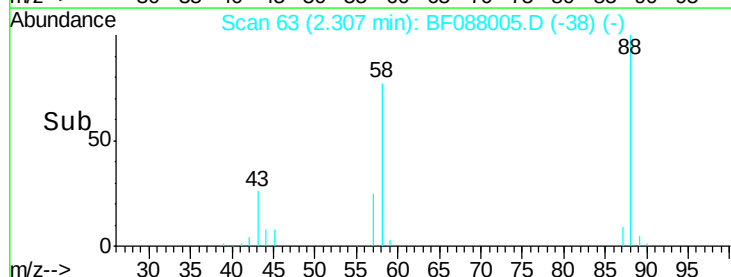
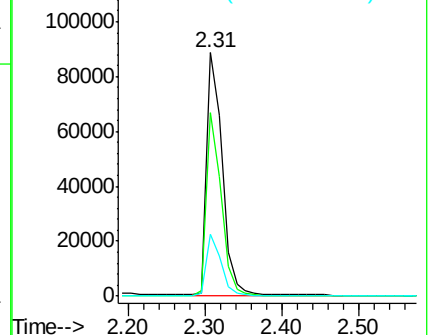
43 24.0 3.4 5.2#

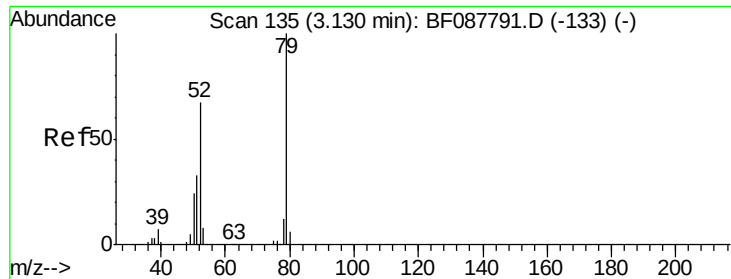


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.07 ng

RT: 3.02 min Scan# 125

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

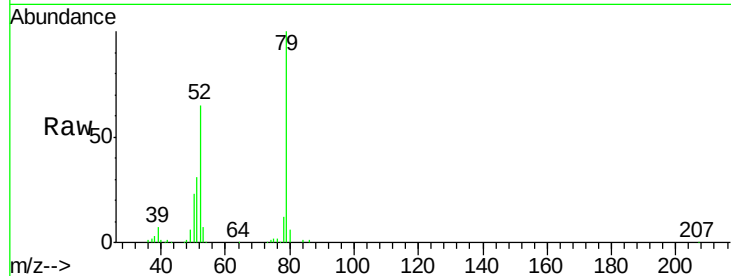
Tgt Ion: 79 Resp: 282064

Ion Ratio Lower Upper

79 100

52 64.7 56.3 84.5

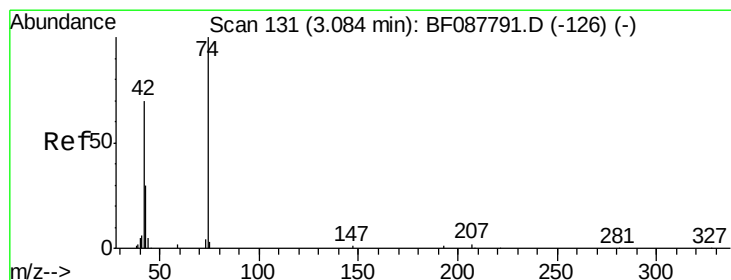
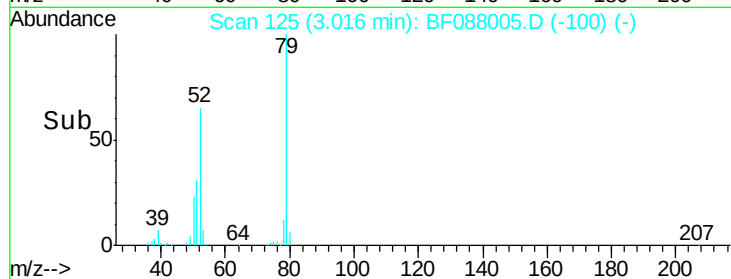
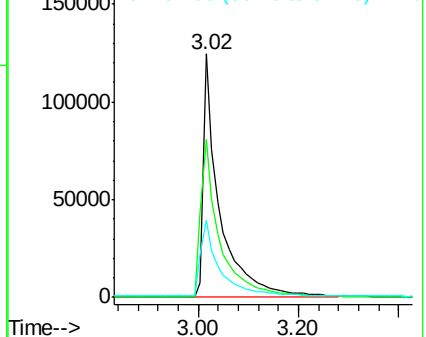
51 31.5 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.50 ng

RT: 2.96 min Scan# 120

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

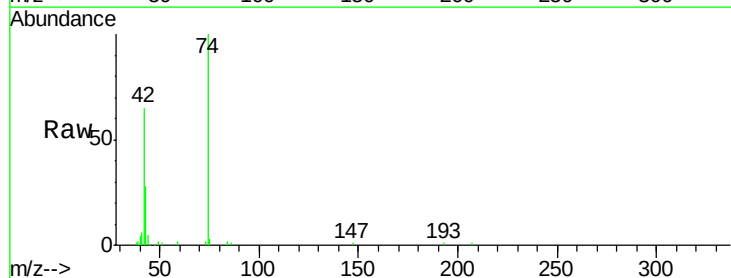
Tgt Ion: 42 Resp: 117665

Ion Ratio Lower Upper

42 100

74 153.8 108.6 163.0

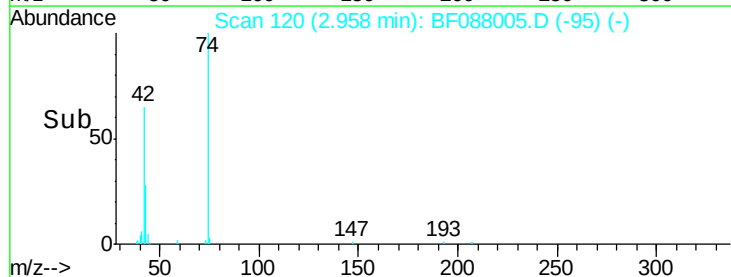
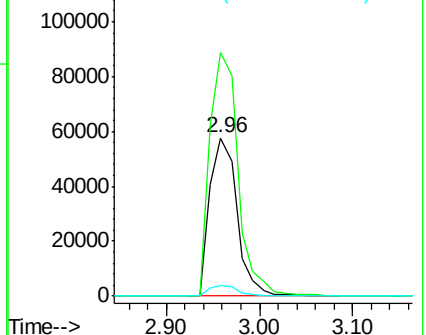
44 7.1 5.5 8.3

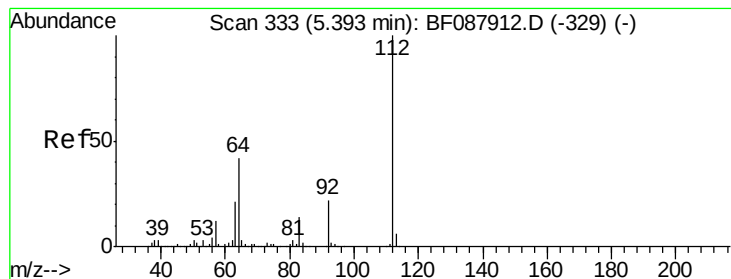


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

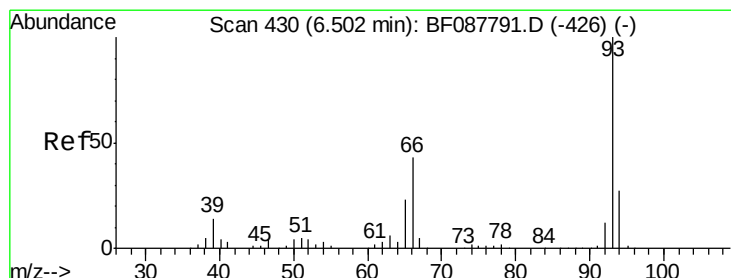
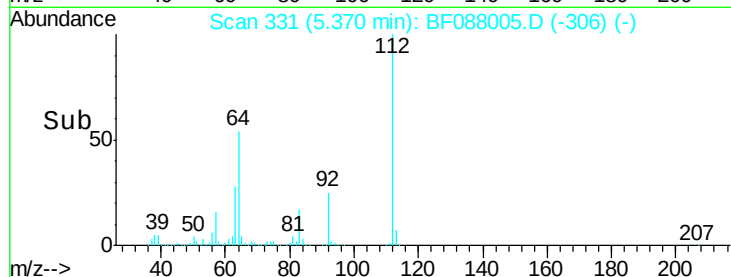
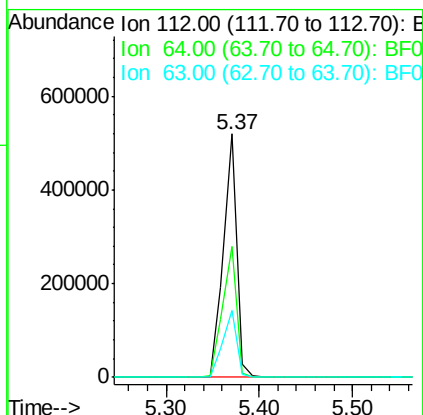
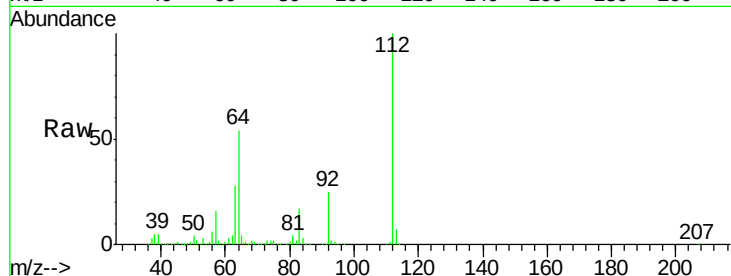




#5
 2-Fluorophenol
 Concen: 79.48 ng
 RT: 5.37 min Scan# 331
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

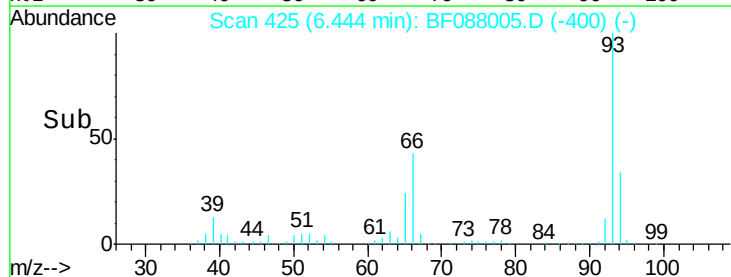
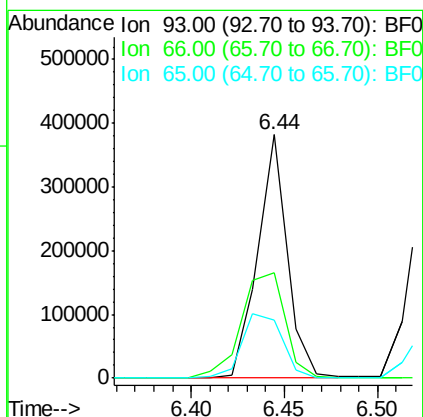
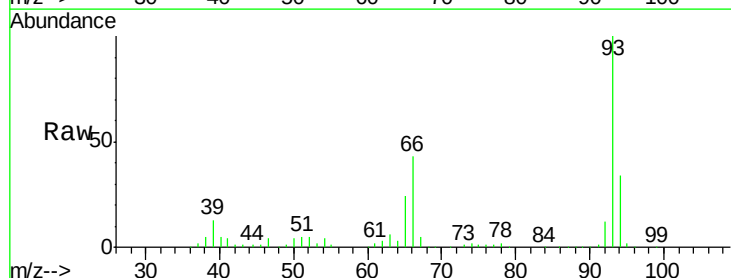
Instrument :
 BNA_F
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 SSTDCCC040

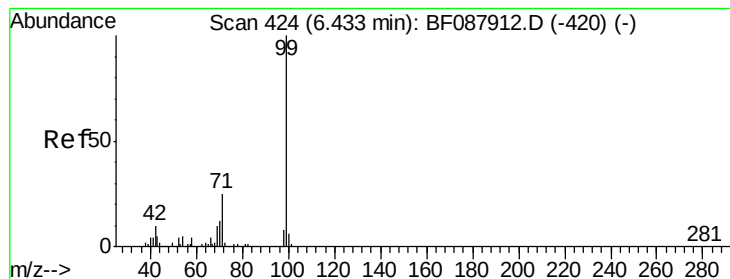
Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	42.2	63.2
63	27.5	21.8	32.8



#6
 Aniline
 Concen: 37.70 ng
 RT: 6.44 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Tgt Ion	Ratio	Lower	Upper
93	100		
66	43.4	29.8	44.8
65	23.6	14.9	22.3





#7

Phenol-d6

Concen: 76.19 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

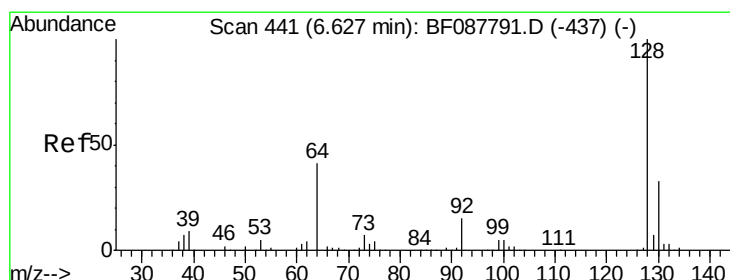
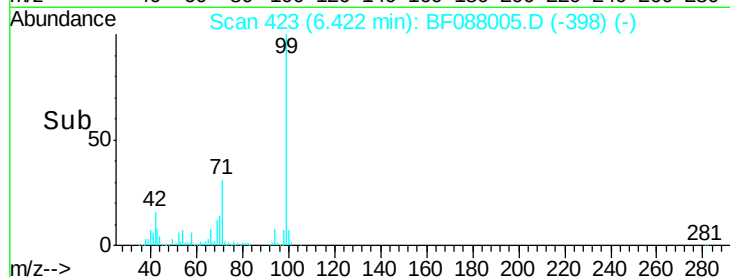
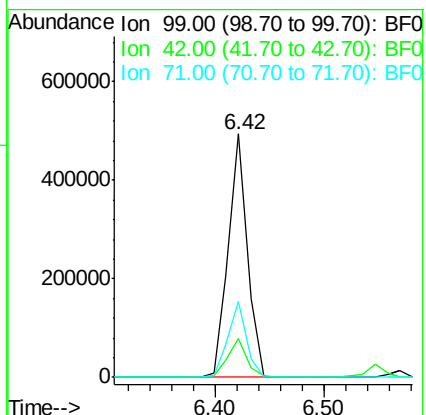
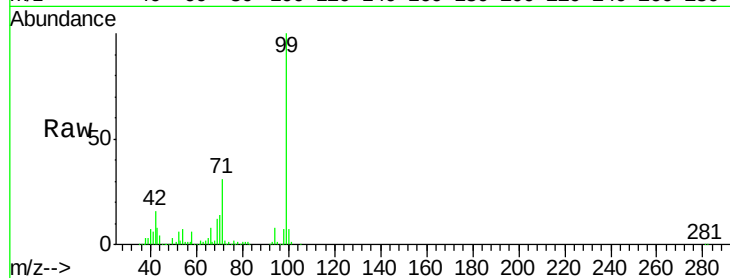
Tgt Ion: 99 Resp: 596310

Ion Ratio Lower Upper

99 100

42 16.0 12.2 18.2

71 31.1 23.4 35.0



#8

2-Chlorophenol

Concen: 40.44 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

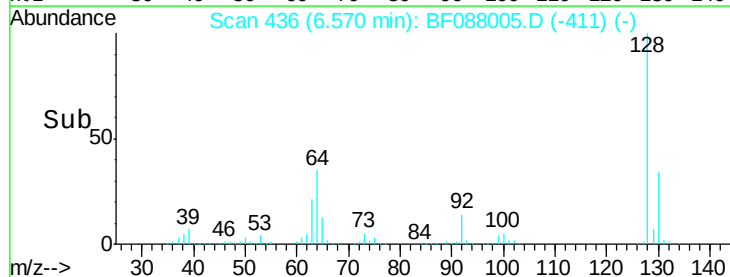
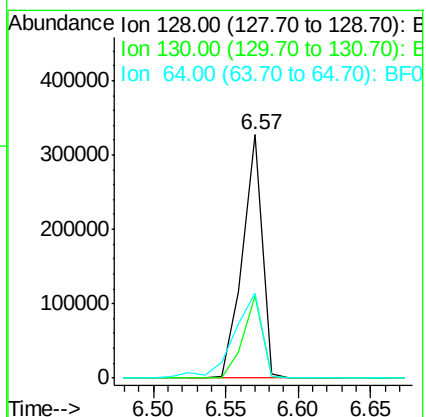
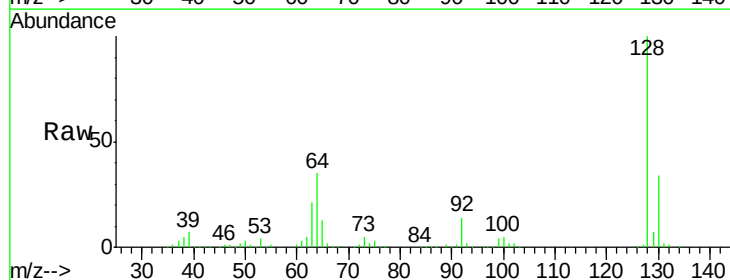
Tgt Ion: 128 Resp: 309077

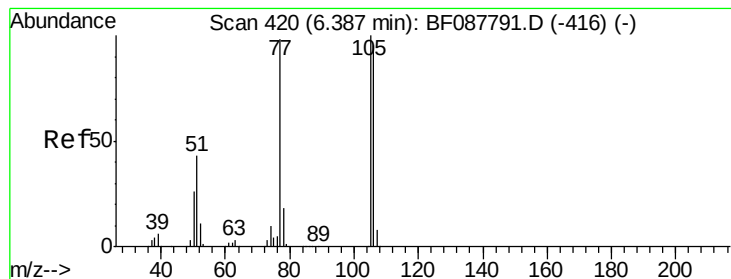
Ion Ratio Lower Upper

128 100

130 33.6 12.0 52.0

64 34.9 30.8 70.8





#9

Benzaldehyde

Concen: 33.46 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

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ClientSampleId :

SSTDCCC040

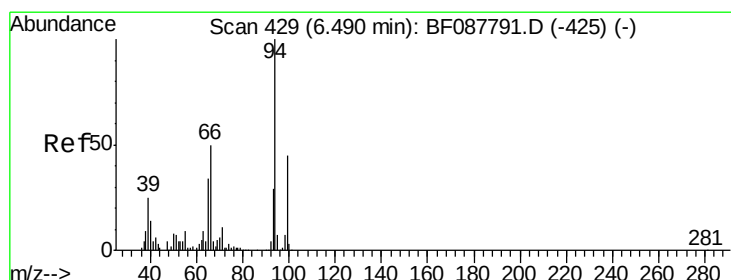
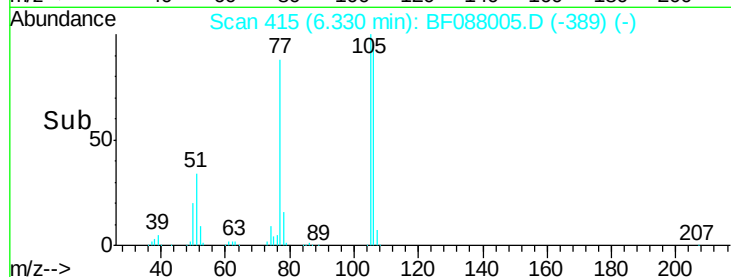
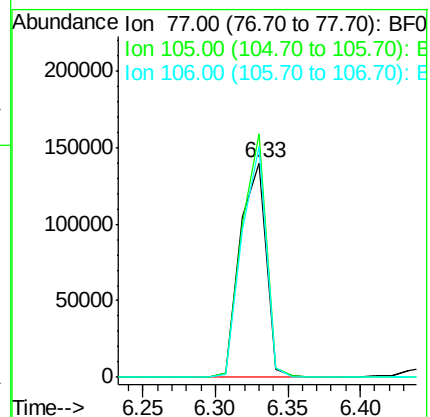
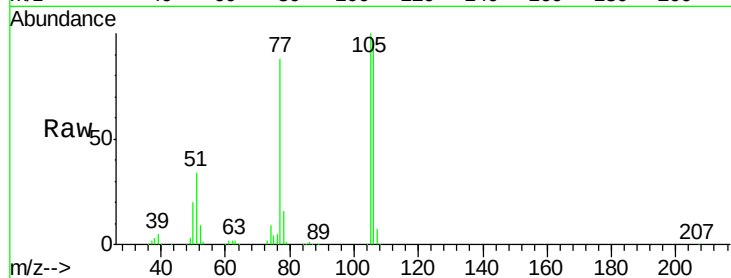
Tgt Ion: 77 Resp: 174530

Ion Ratio Lower Upper

77 100

105 113.7 90.6 130.6

106 107.5 85.3 125.3



#10

Phenol

Concen: 37.86 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

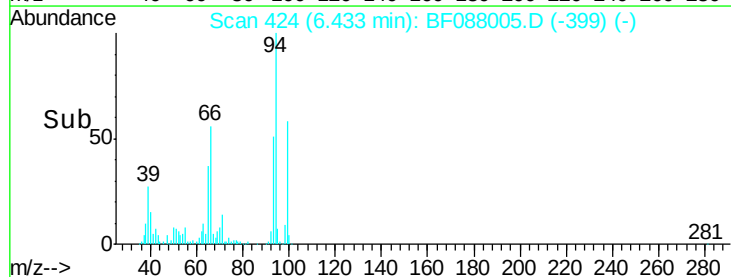
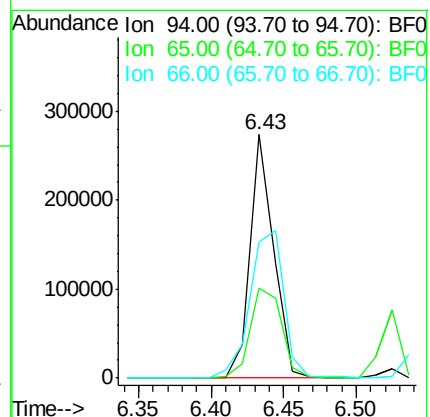
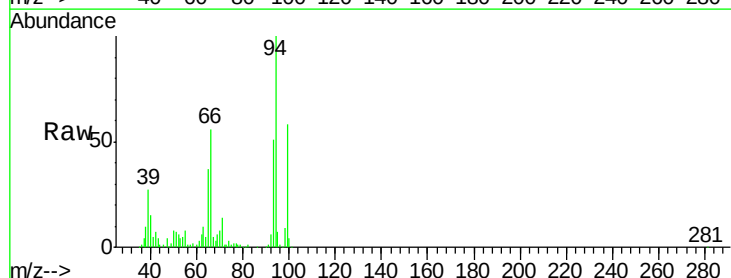
Tgt Ion: 94 Resp: 309107

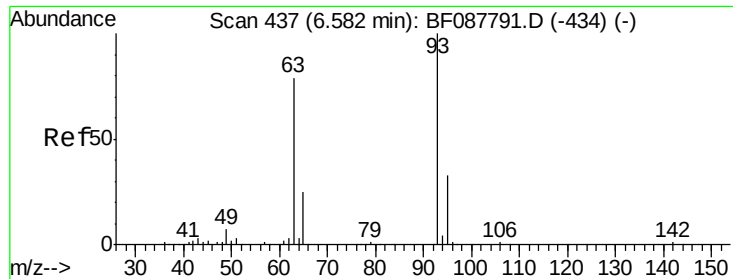
Ion Ratio Lower Upper

94 100

65 37.1 5.9 45.9

66 55.9 14.0 54.0#





#11

bis(2-Chloroethyl)ether

Concen: 41.63 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

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SSTDCCC040

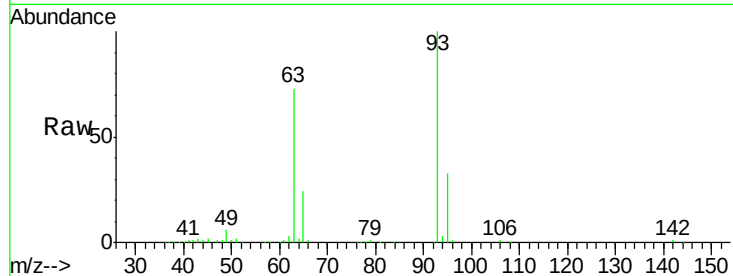
Tgt Ion: 93 Resp: 285674

Ion Ratio Lower Upper

93 100

63 73.3 67.6 107.6

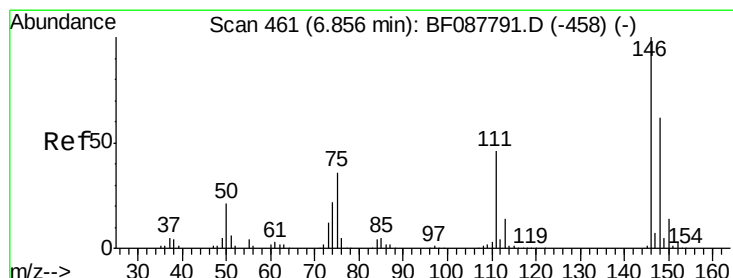
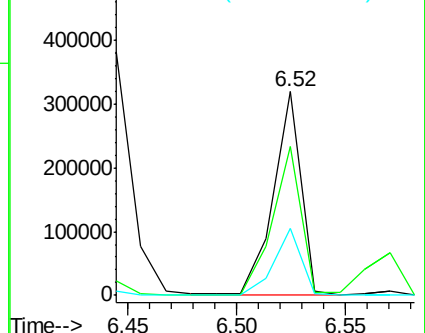
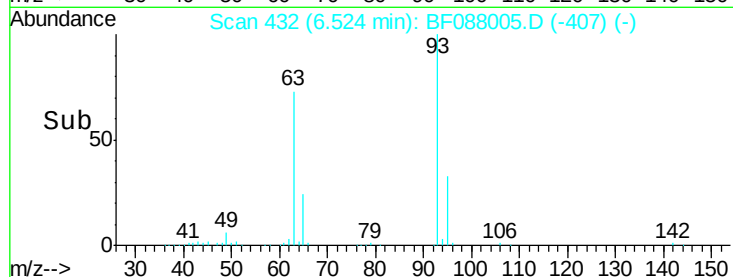
95 33.2 12.5 52.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.93 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

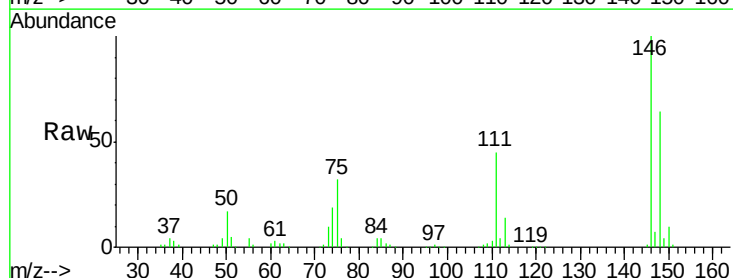
Tgt Ion: 146 Resp: 302867

Ion Ratio Lower Upper

146 100

148 63.5 50.9 76.3

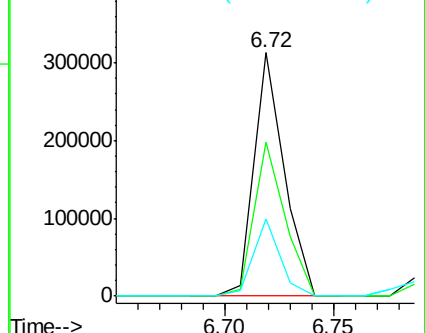
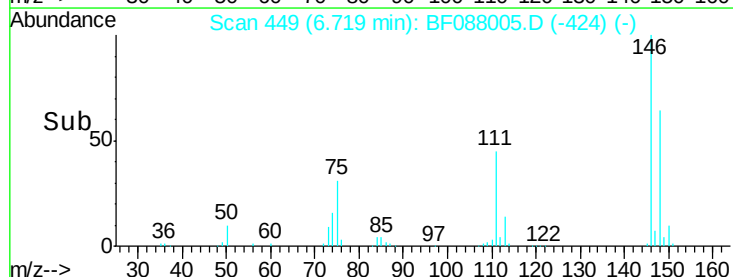
75 31.8 25.6 38.4

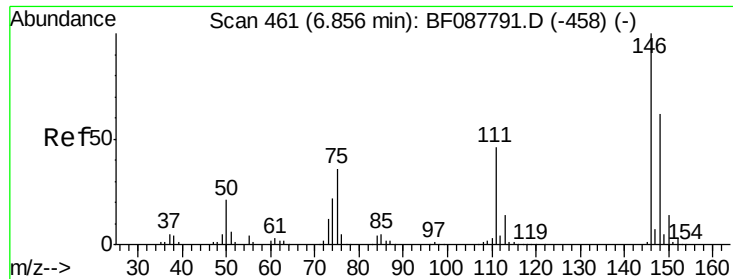


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

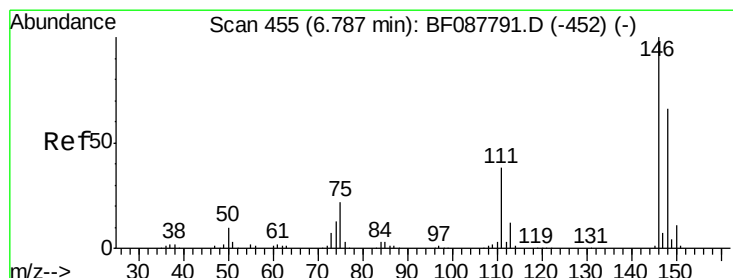
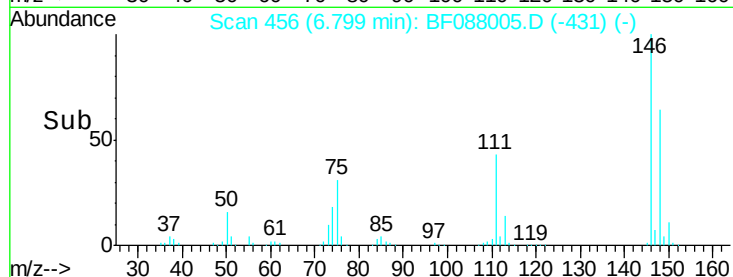
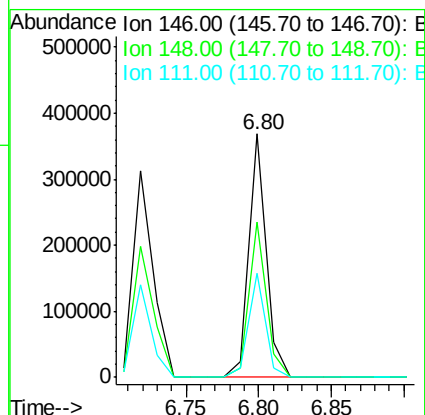
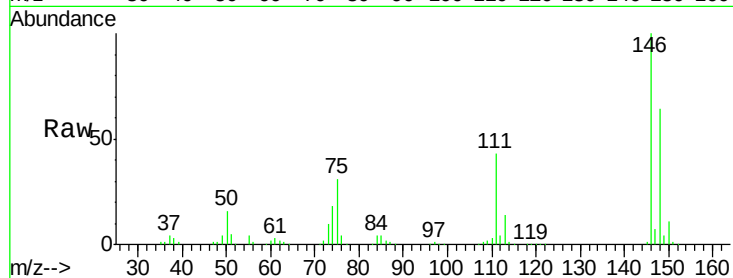




#13
 1,4-Dichlorobenzene
 Concen: 37.11 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

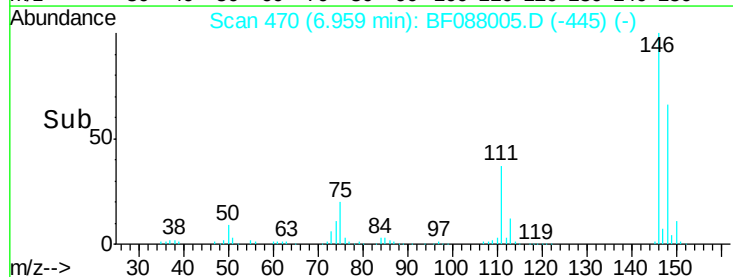
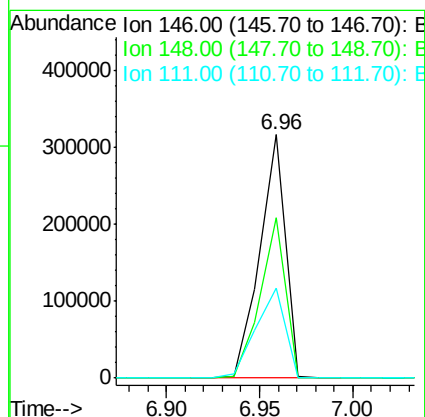
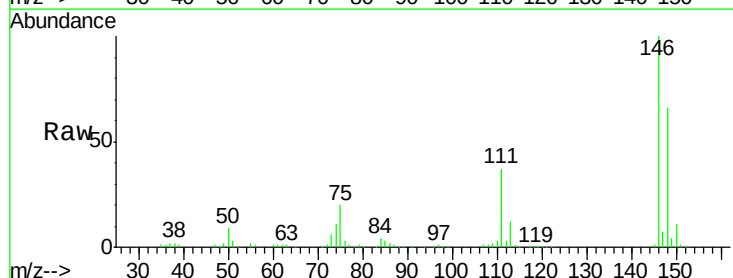
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

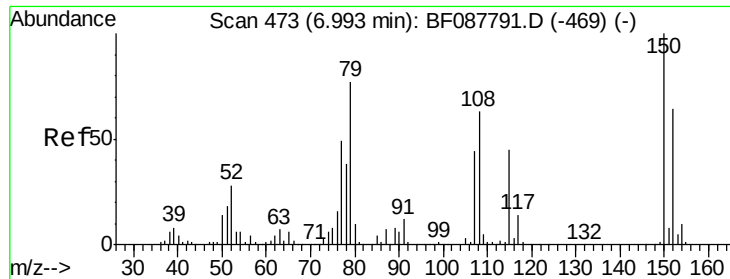
Tgt Ion:146 Resp: 306545
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.0 78.0
 111 42.7 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 39.71 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Tgt Ion:146 Resp: 298364
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.3 78.5
 111 37.2 28.7 43.1

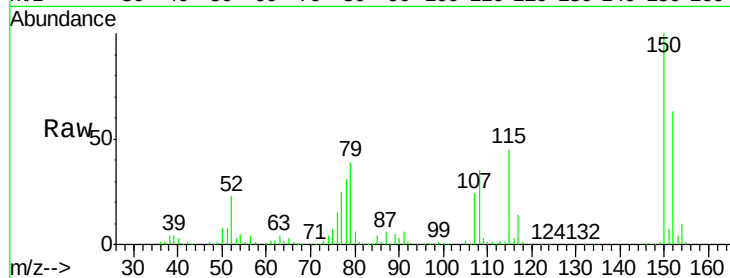




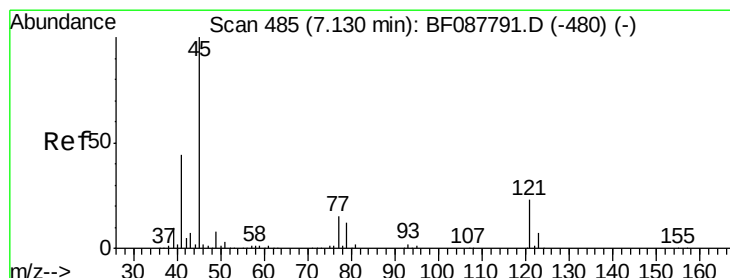
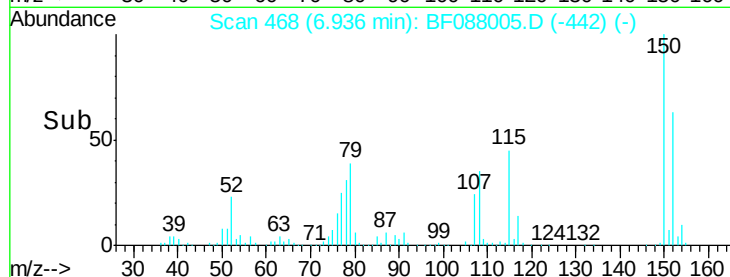
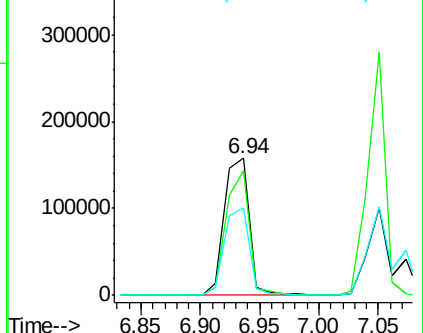
#15
Benzyl Alcohol
Concen: 37.61 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF088005.D
Acq: 14 Jun 2016 16:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 230287
Ion Ratio Lower Upper
79 100
108 91.0 65.0 97.6
77 63.6 50.3 75.5

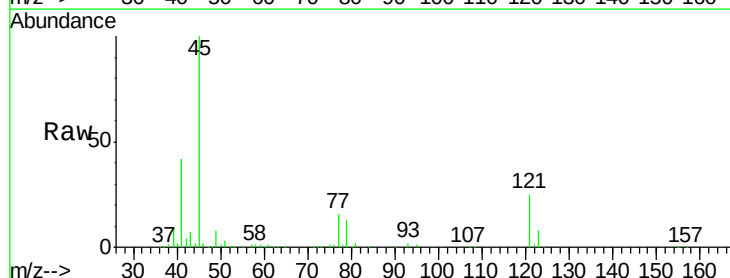


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

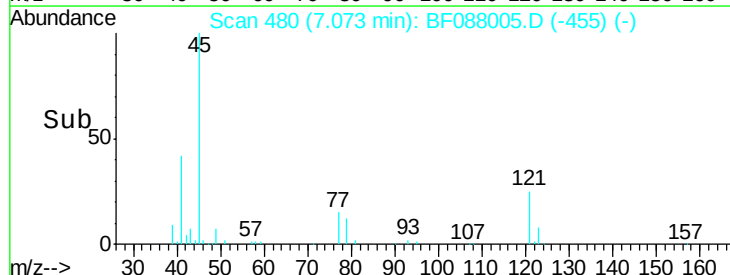
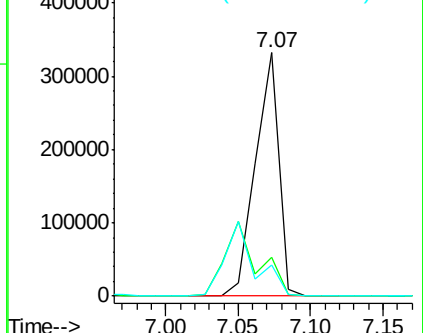


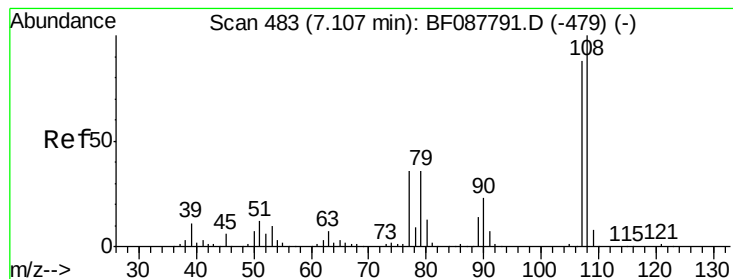
#16
2,2'-oxybis(1-chloropropane)
Concen: 40.09 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF088005.D
Acq: 14 Jun 2016 16:21

Tgt Ion: 45 Resp: 371647
Ion Ratio Lower Upper
45 100
77 15.7 0.0 32.5
79 12.6 0.0 29.5



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.40 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 250414

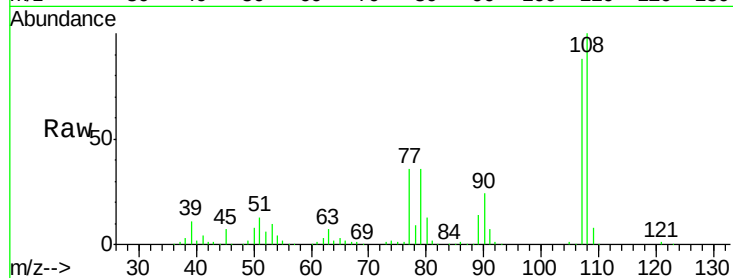
Ion Ratio Lower Upper

107 100

108 113.3 90.9 136.3

77 41.3 36.6 55.0

79 40.8 36.5 54.7

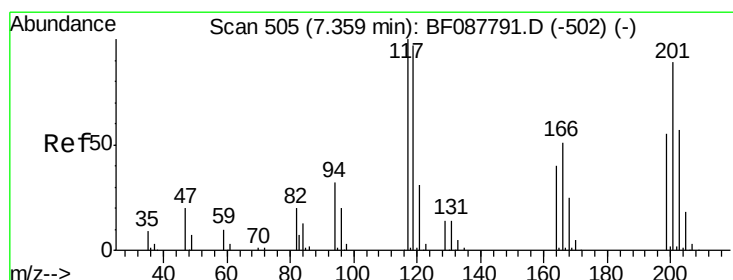
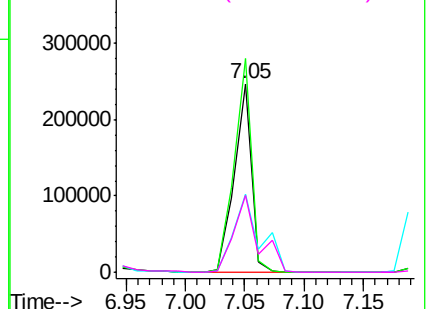
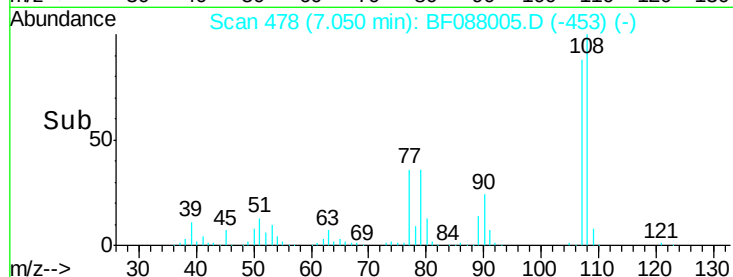


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.74 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

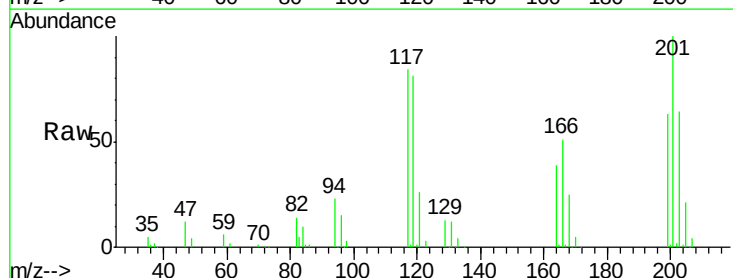
Tgt Ion:117 Resp: 113558

Ion Ratio Lower Upper

117 100

119 97.4 77.4 116.2

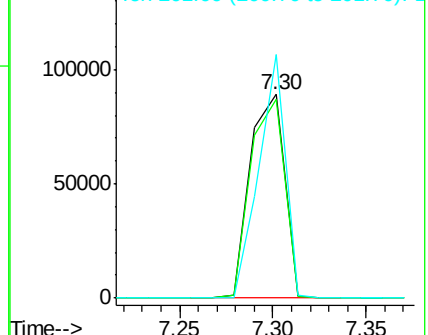
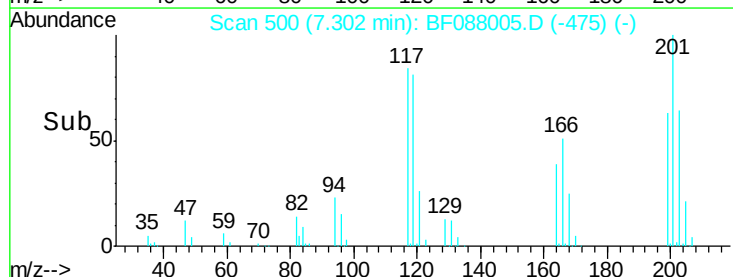
201 119.5 80.4 120.6

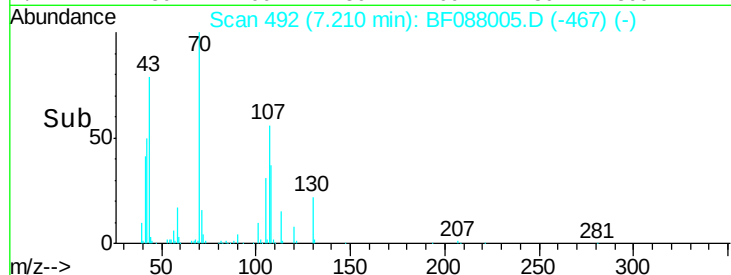
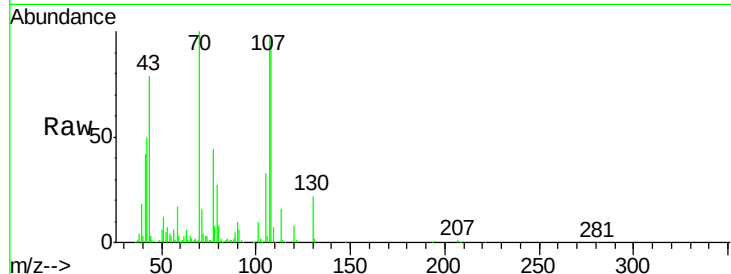
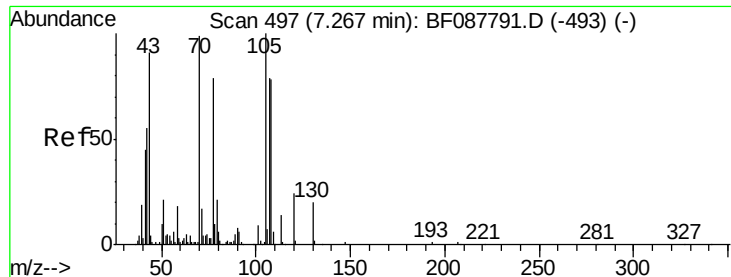


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

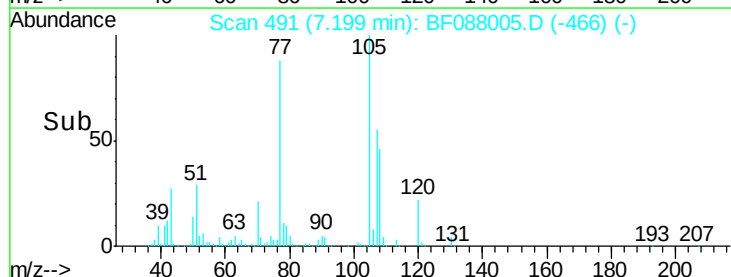
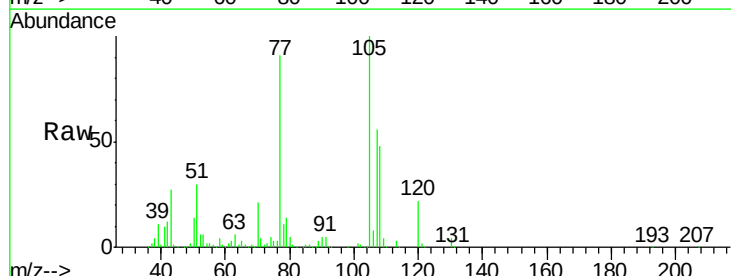
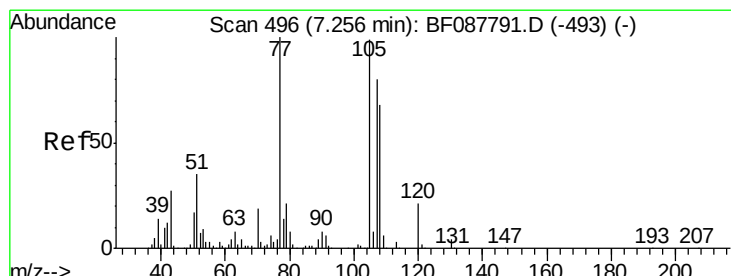
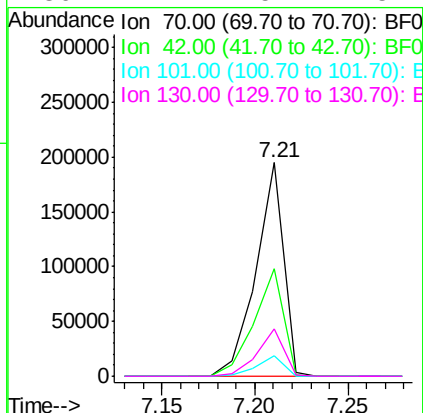




#19
n-Nitroso-di-n-propylamine
Concen: 39.74 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF088005.D
Acq: 14 Jun 2016 16:21

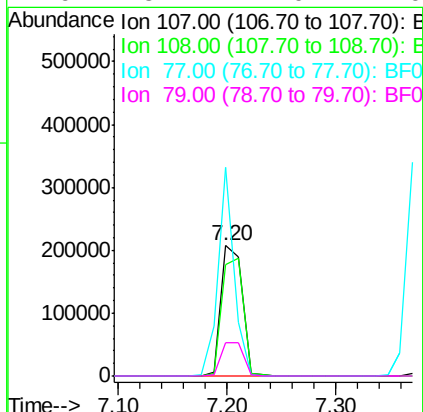
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

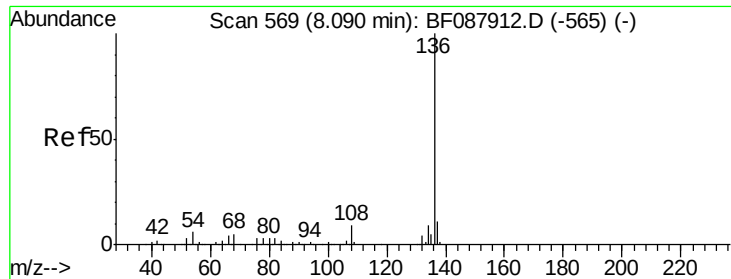
Tgt Ion: 70 Resp: 198954
Ion Ratio Lower Upper
70 100
42 50.4 49.6 74.4
101 9.7 7.1 10.7
130 22.4 15.4 23.2



#20
3+4-Methylphenols
Concen: 38.78 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF088005.D
Acq: 14 Jun 2016 16:21

Tgt Ion: 107 Resp: 280481
Ion Ratio Lower Upper
107 100
108 85.4 67.8 107.8
77 160.4 59.3 99.3#
79 25.1 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 437256

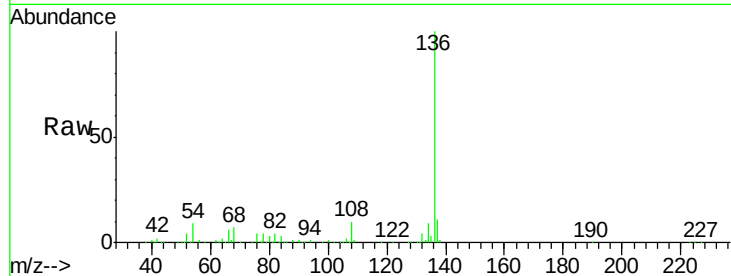
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.9 6.6 10.0

68 7.1 5.1 7.7

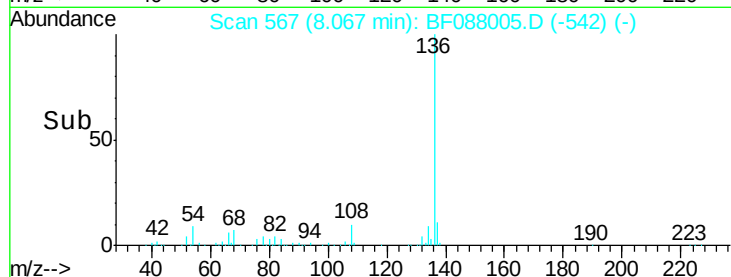


Abundance Ion 136.00 (135.70 to 136.70): E

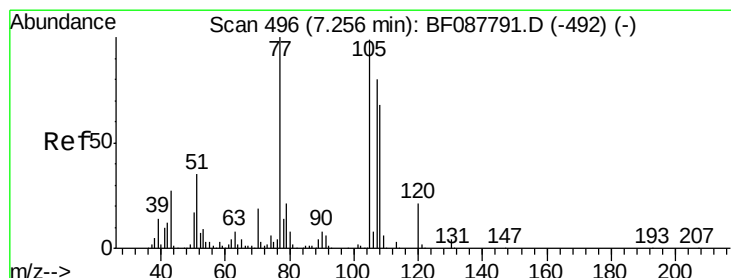
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.05 8.10



#22

Acetophenone

Concen: 37.32 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Tgt Ion:105 Resp: 364679

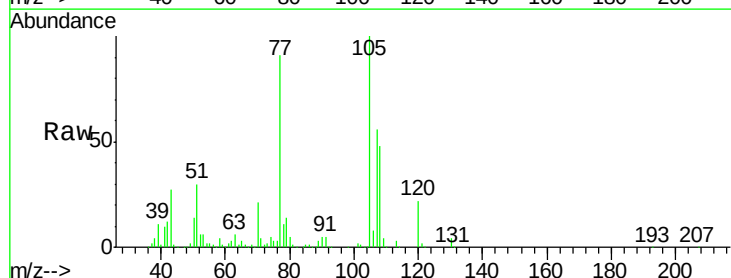
Ion Ratio Lower Upper

105 100

71 3.6 5.3 7.9#

51 30.0 18.2 27.4#

120 21.5 18.0 27.0

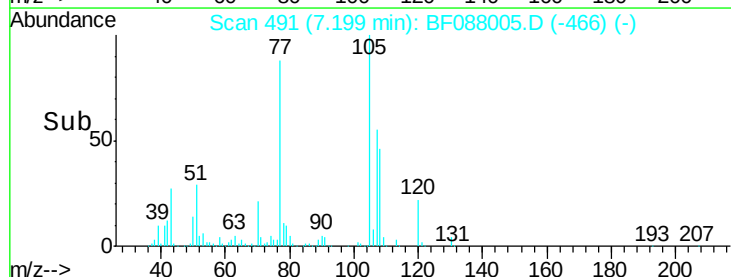


Abundance Ion 105.00 (104.70 to 105.70): E

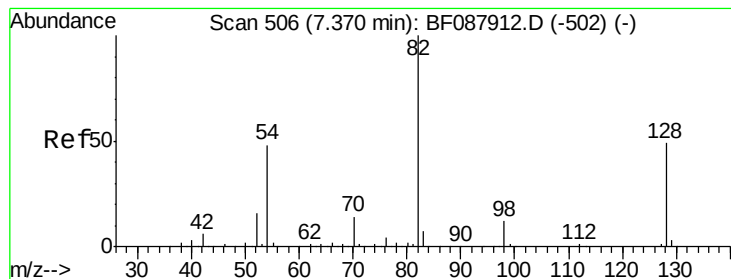
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time--> 7.10 7.15 7.20 7.25 7.30



#23

Nitrobenzene-d5

Concen: 80.71 ng

RT: 7.36 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

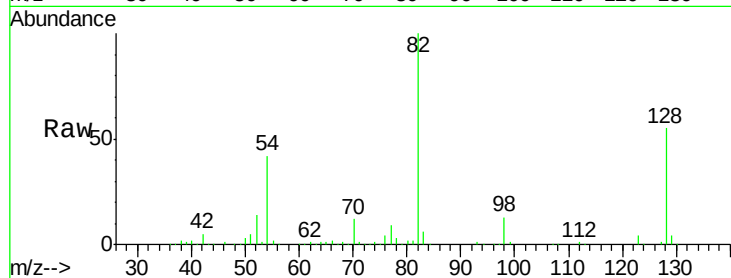
Tgt Ion: 82 Resp: 604387

Ion Ratio Lower Upper

82 100

128 55.2 35.9 53.9#

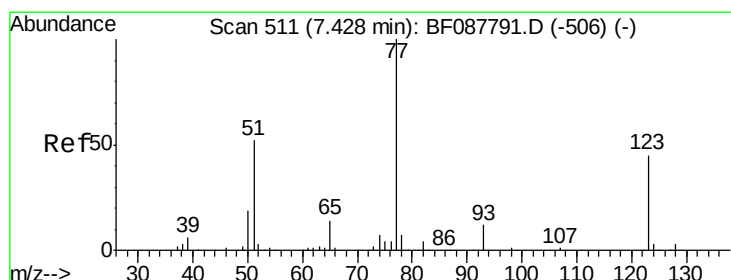
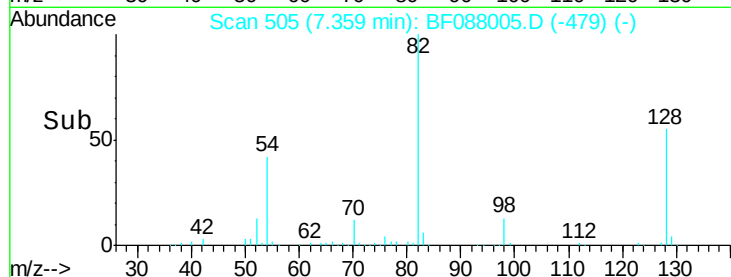
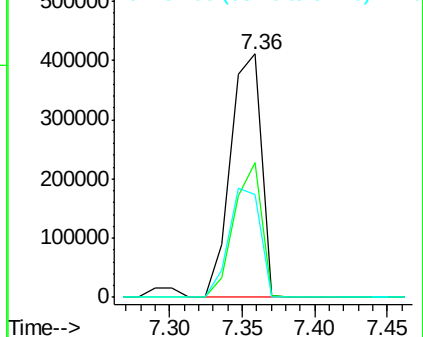
54 42.0 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.13 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

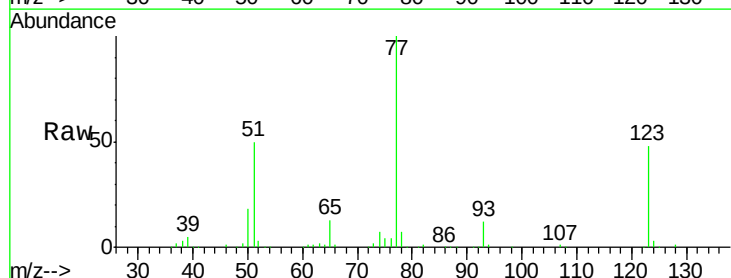
Tgt Ion: 77 Resp: 276556

Ion Ratio Lower Upper

77 100

123 47.7 45.0 67.4

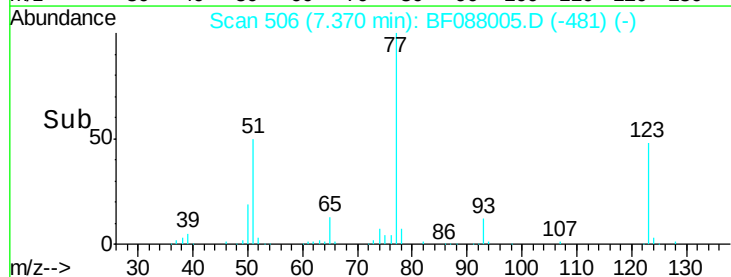
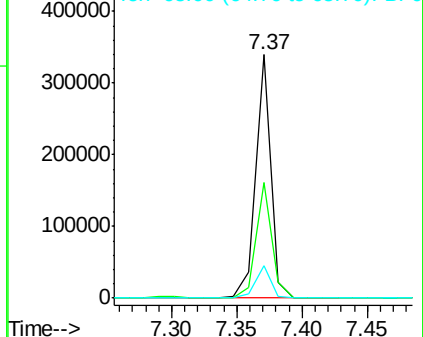
65 13.2 10.2 15.2

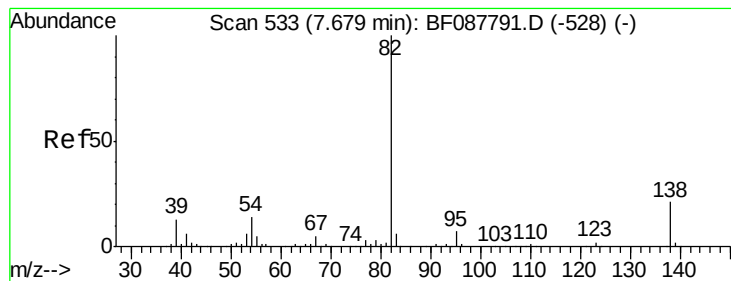


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.53 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

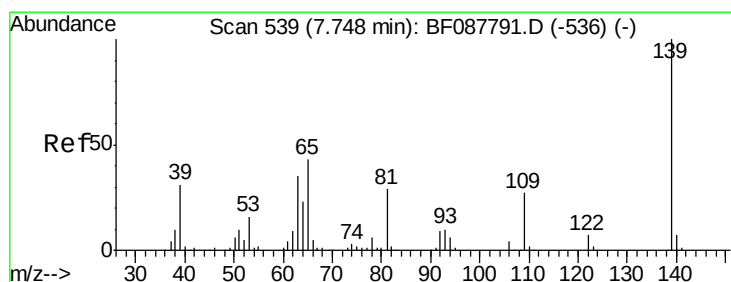
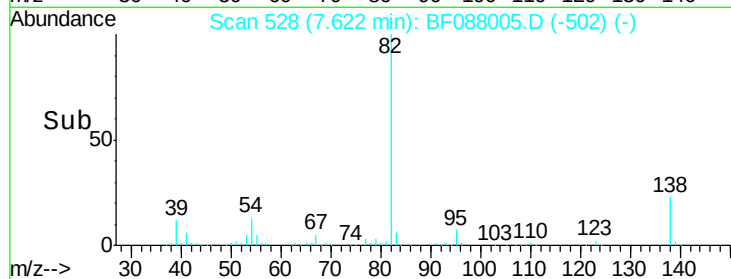
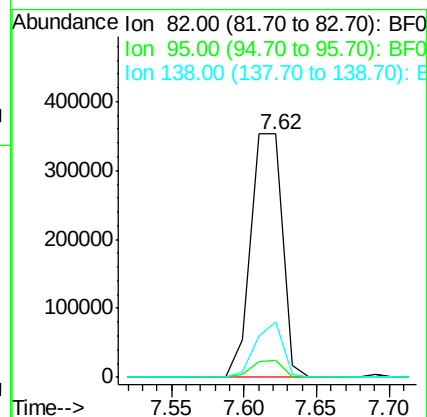
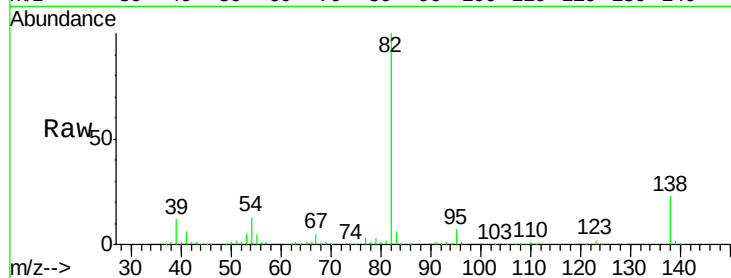
Tgt Ion: 82 Resp: 534437

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

138 22.7 14.6 21.8#



#26

2-Nitrophenol

Concen: 45.30 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

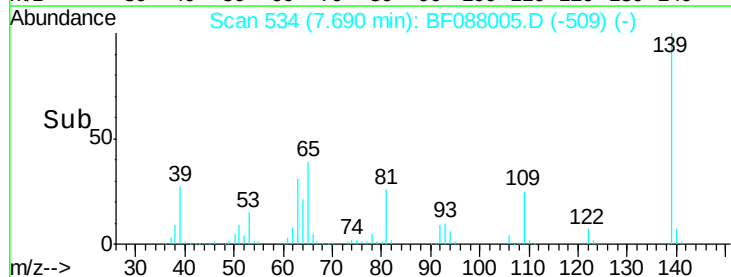
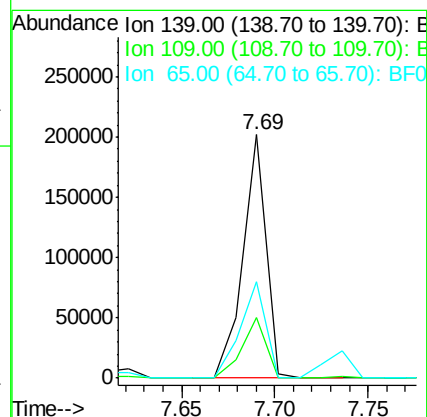
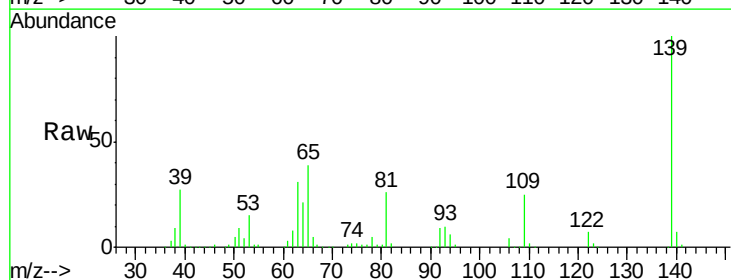
Tgt Ion: 139 Resp: 175996

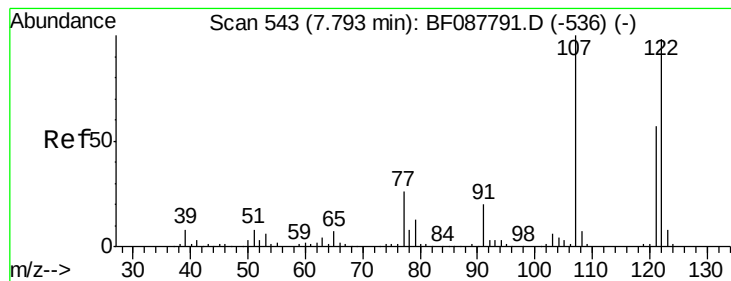
Ion Ratio Lower Upper

139 100

109 25.0 23.0 34.4

65 39.4 45.8 68.8#





#27

2,4-Dimethylphenol

Concen: 41.82 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

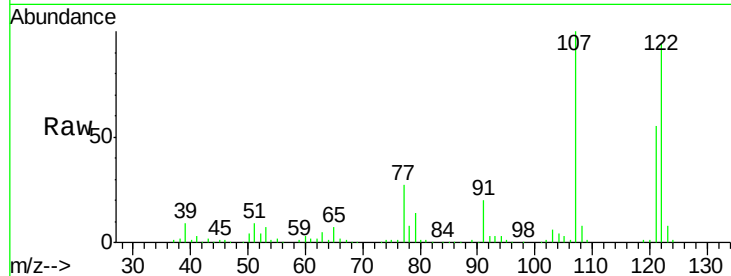
Tgt Ion:122 Resp: 299201

Ion Ratio Lower Upper

122 100

107 105.9 82.4 123.6

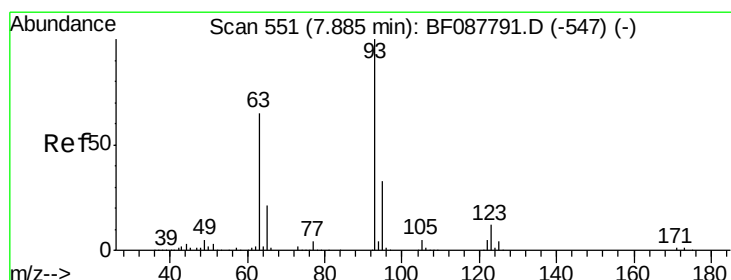
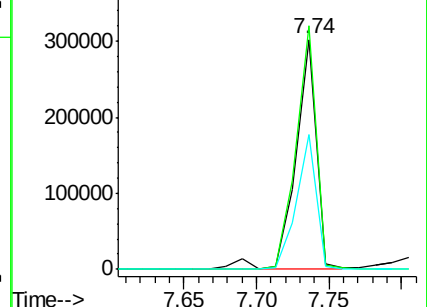
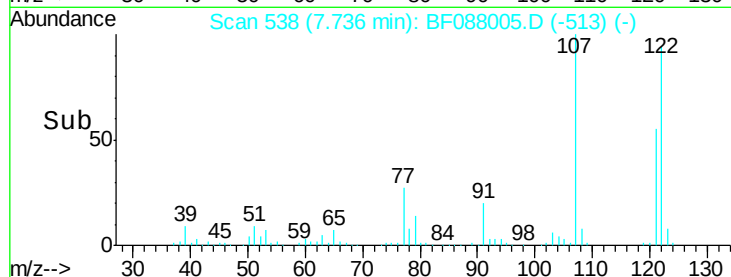
121 58.5 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.73 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

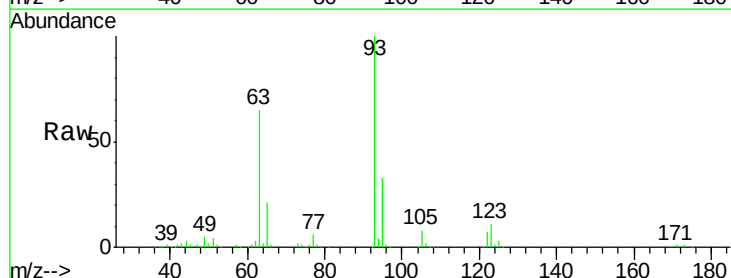
Tgt Ion: 93 Resp: 333160

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

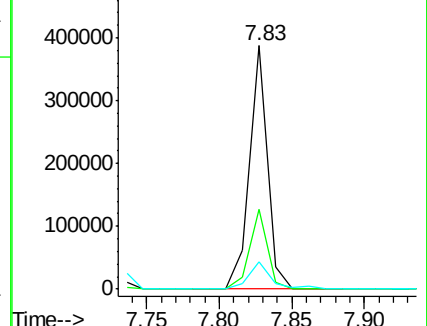
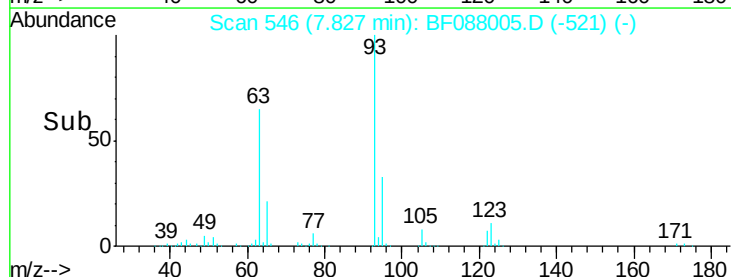
123 11.2 11.6 17.4#

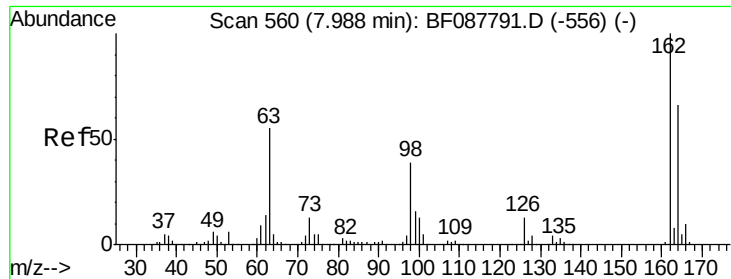


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

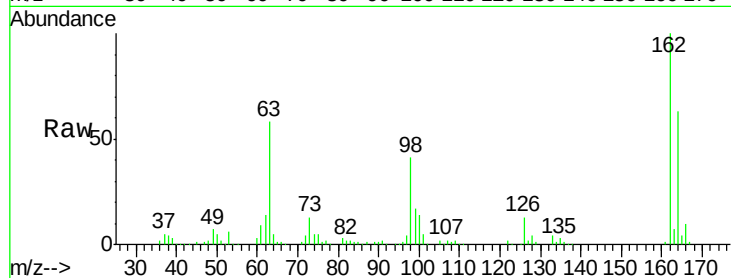




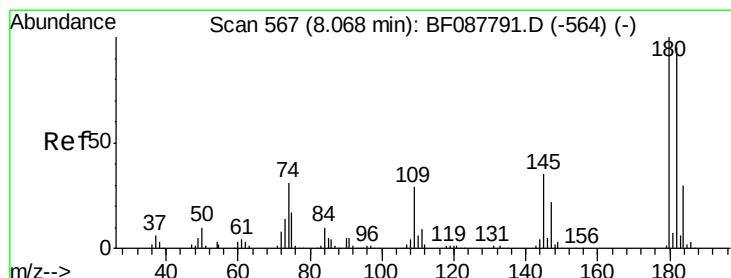
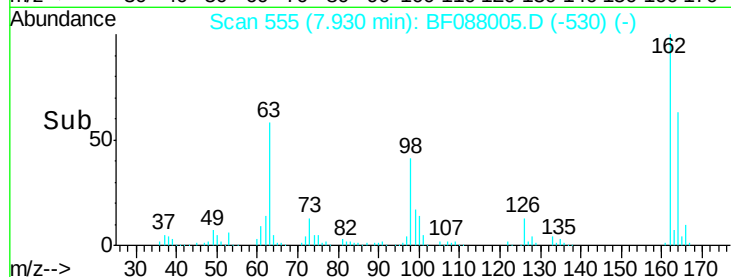
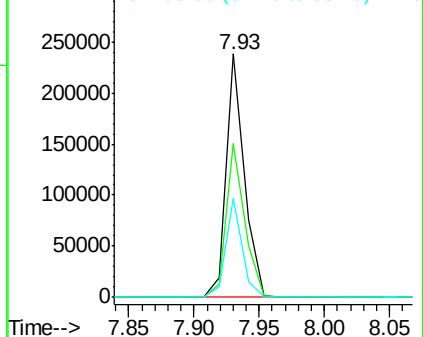
#29
 2,4-Dichlorophenol
 Concen: 38.54 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 230224
 Ion Ratio Lower Upper
 162 100
 164 63.1 43.8 83.8
 98 40.9 21.3 61.3

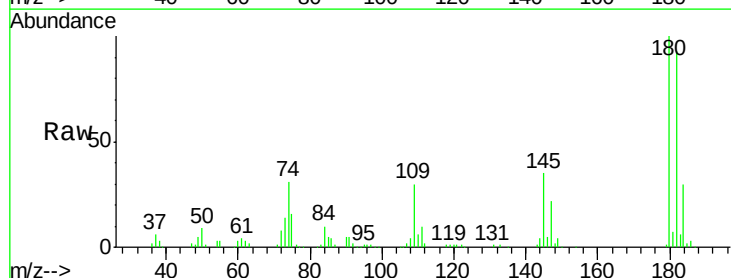


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

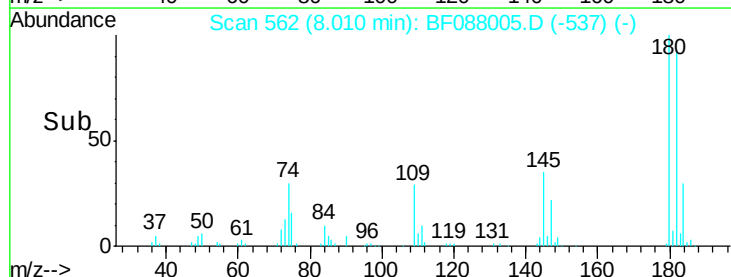
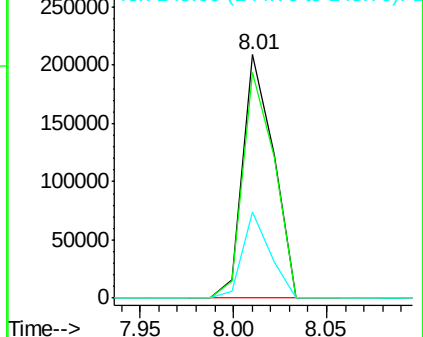


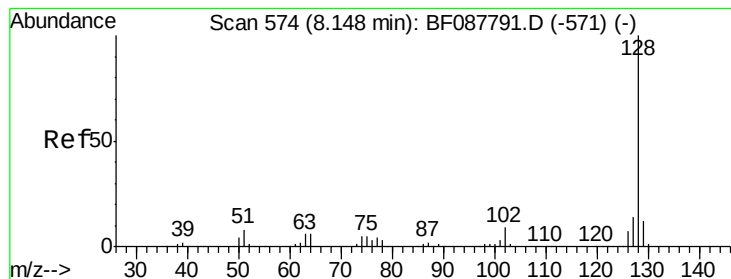
#30
 1,2,4-Trichlorobenzene
 Concen: 36.80 ng
 RT: 8.01 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Tgt Ion:180 Resp: 239341
 Ion Ratio Lower Upper
 180 100
 182 92.8 76.0 114.0
 145 35.3 26.5 39.7



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: 36.34 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

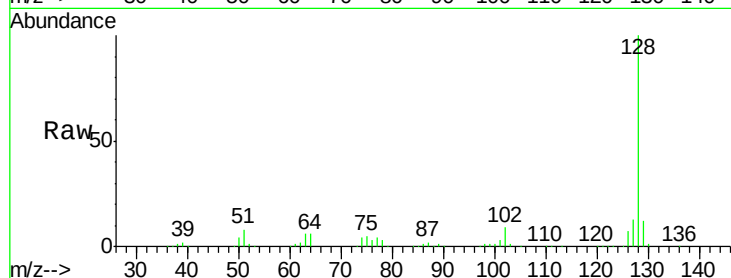
Tgt Ion:128 Resp: 786381

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

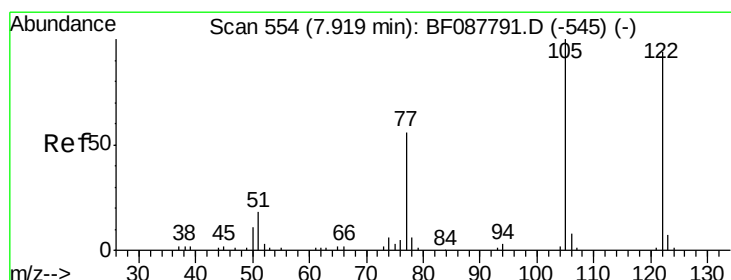
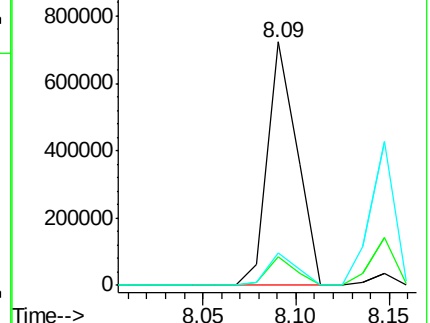
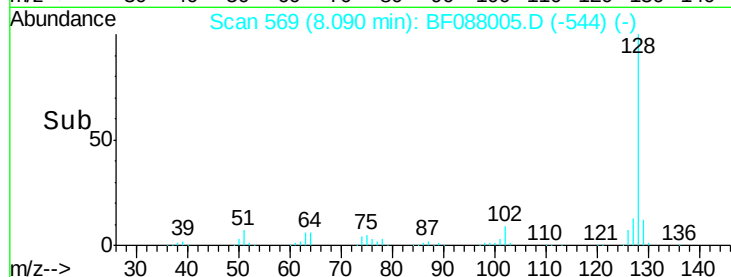
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.03 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

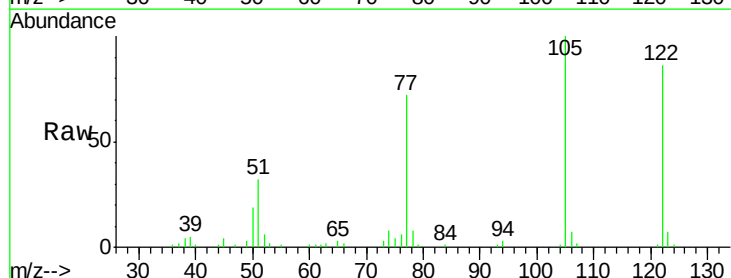
Tgt Ion:122 Resp: 169500

Ion Ratio Lower Upper

122 100

105 116.7 101.6 141.6

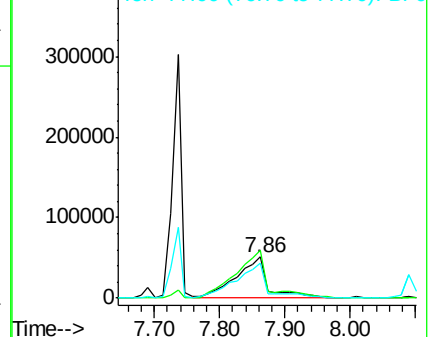
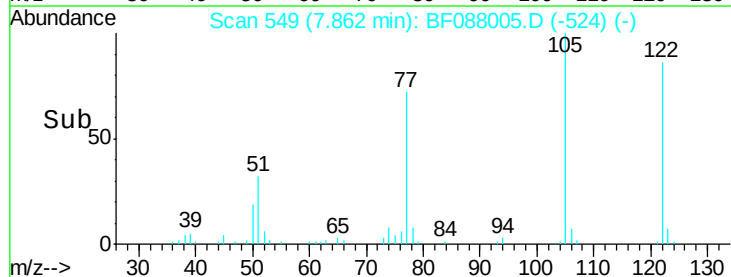
77 83.8 70.6 110.6

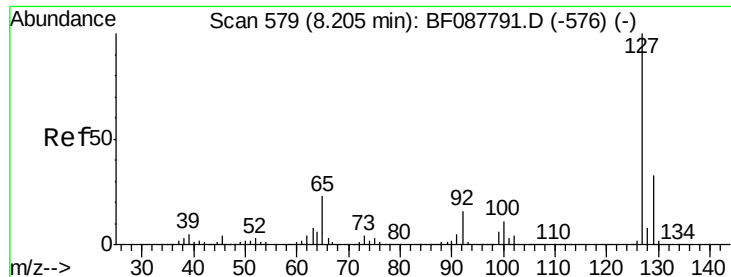


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

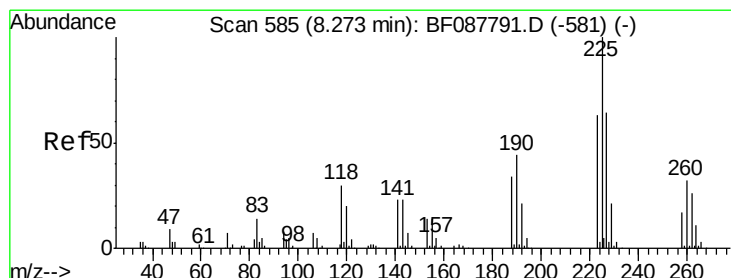
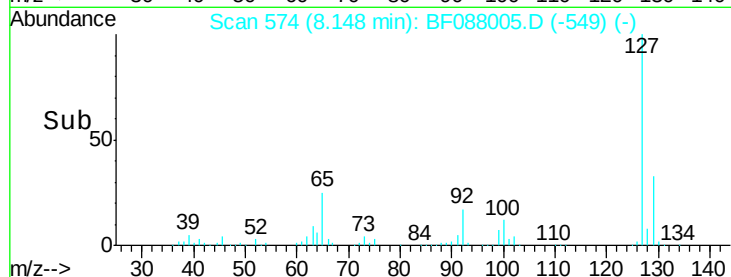
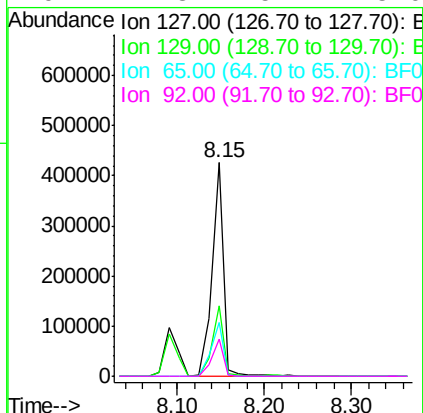
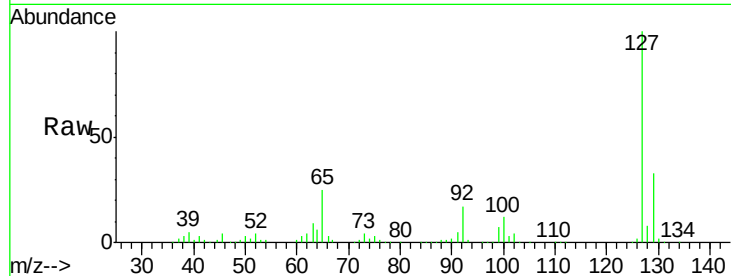




#33
4-Chloroaniline
Concen: 40.69 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF088005.D
Acq: 14 Jun 2016 16:21

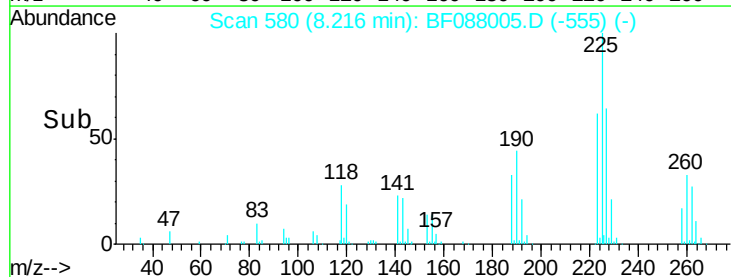
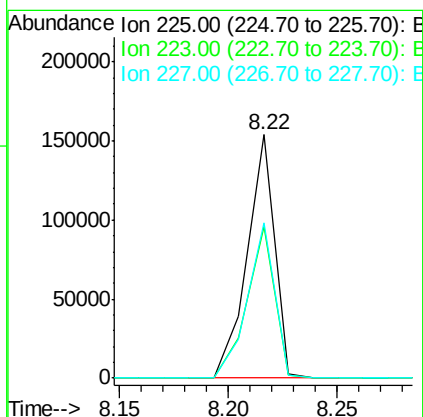
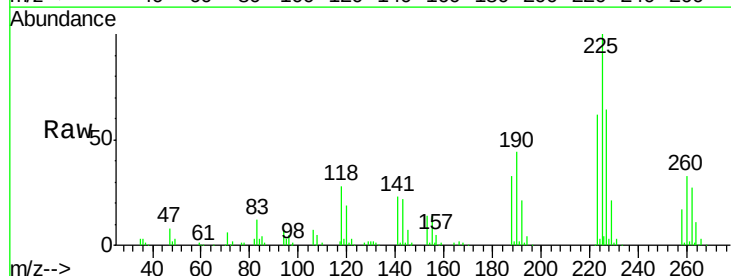
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

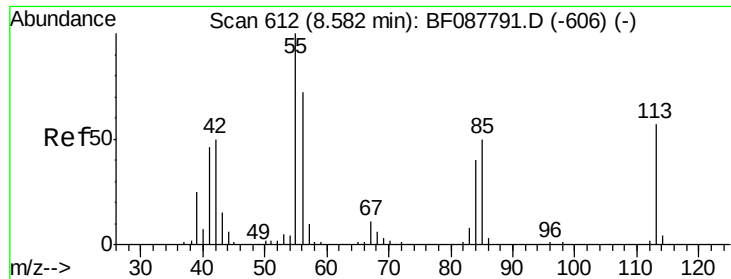
Tgt Ion:	127	Resp:	393128
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.3	39.5
65	25.2	24.7	37.1
92	17.3	15.4	23.0



#34
Hexachlorobutadiene
Concen: 39.13 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF088005.D
Acq: 14 Jun 2016 16:21

Tgt Ion:	225	Resp:	134227
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.9	76.3
227	63.7	51.9	77.9

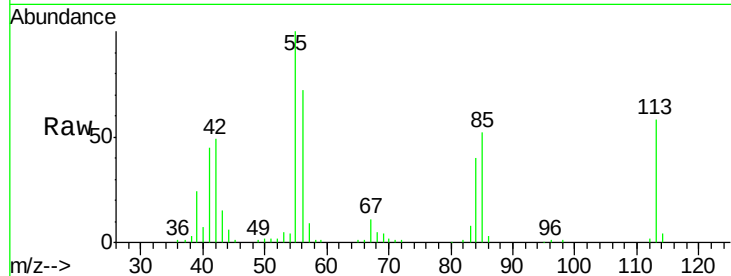




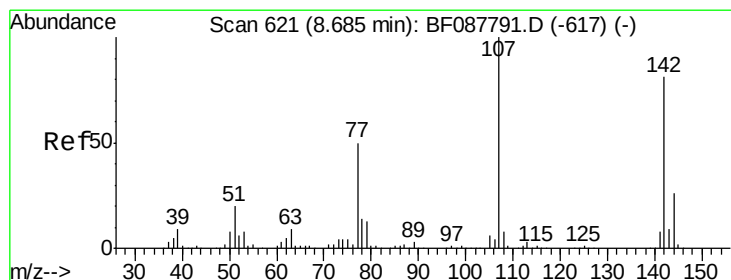
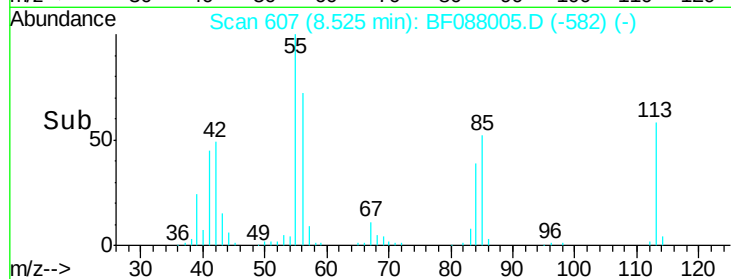
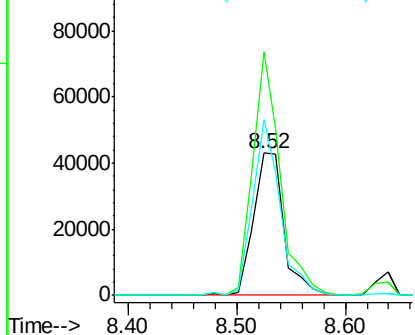
#35
 Caprolactam
 Concen: 42.70 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 84475
 Ion Ratio Lower Upper
 113 100
 55 171.0 158.6 198.6
 56 123.8 110.6 150.6

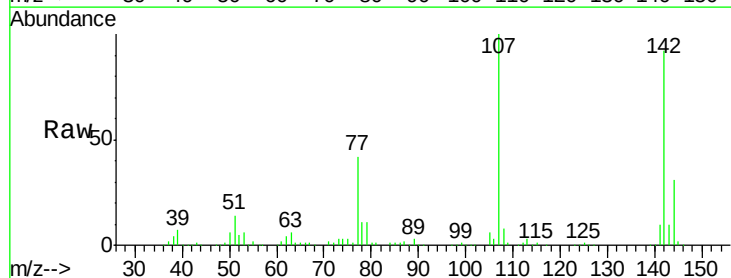


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

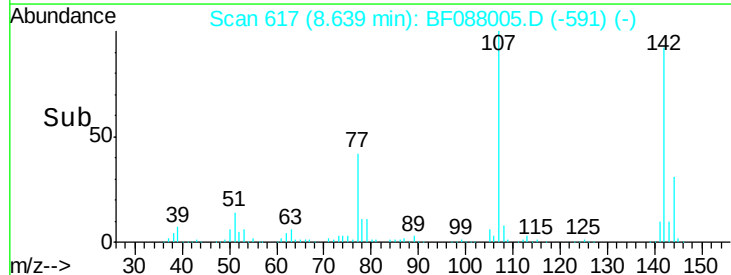
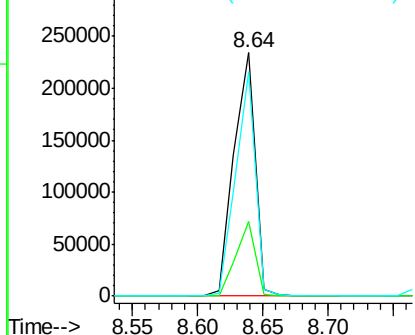


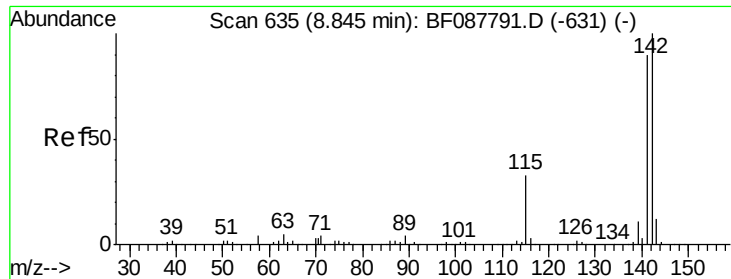
#36
 4-Chloro-3-methylphenol
 Concen: 41.19 ng
 RT: 8.64 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Tgt Ion:107 Resp: 263120
 Ion Ratio Lower Upper
 107 100
 144 30.5 20.8 31.2
 142 92.4 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

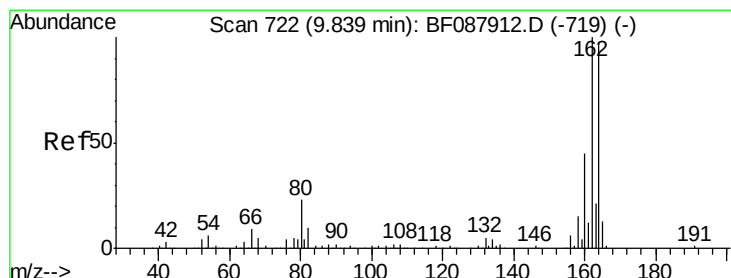
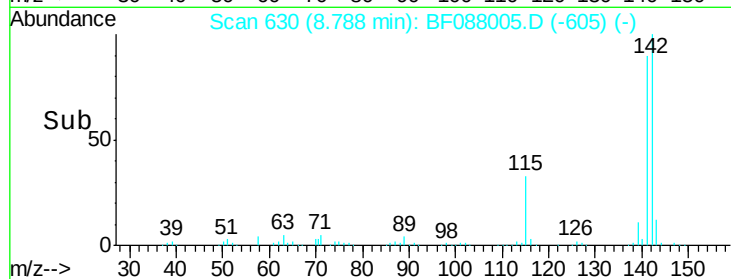
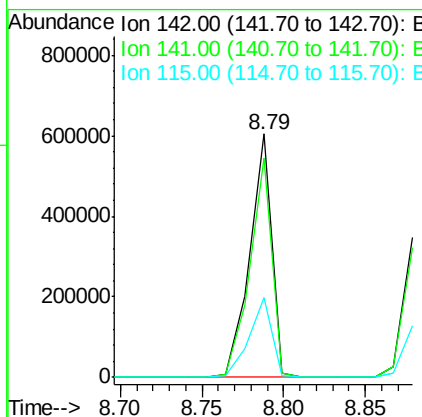
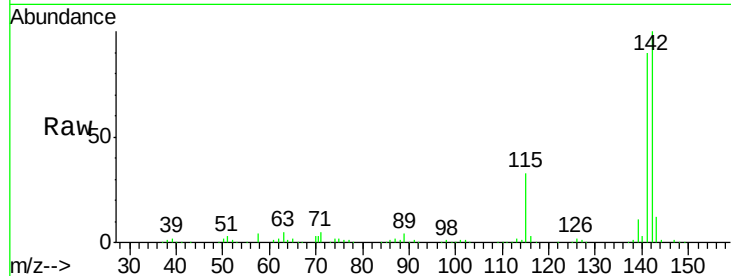




#37
 2-Methylnaphthalene
 Concen: 39.62 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

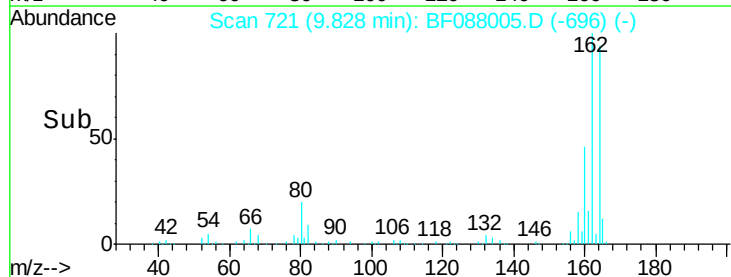
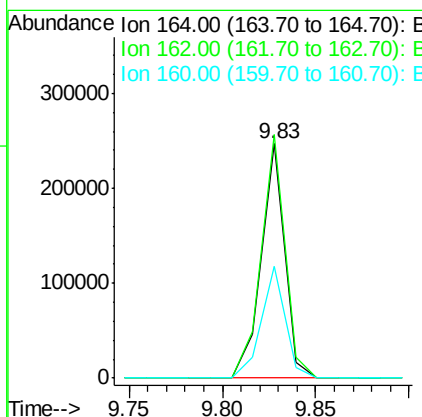
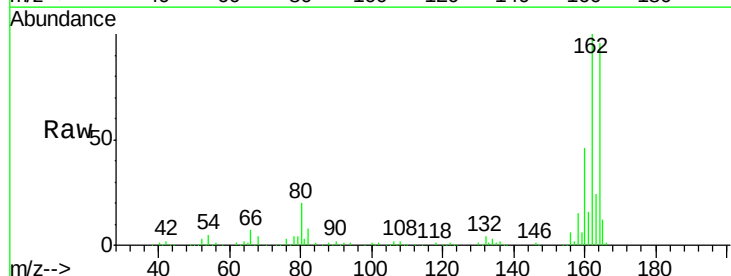
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

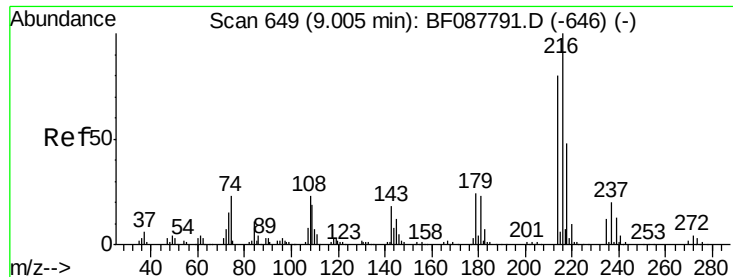
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	32.6	22.6	33.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.4	128.2
160	47.4	39.5	59.3

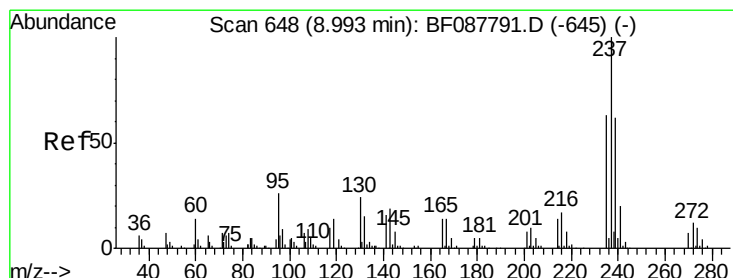
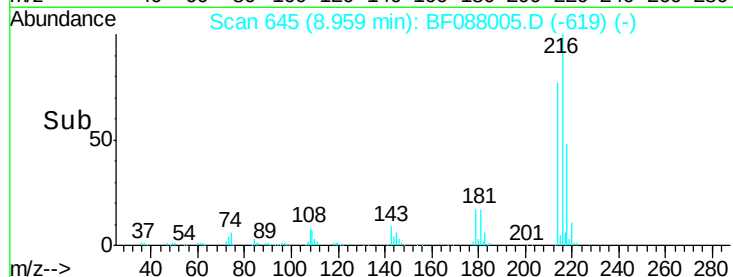
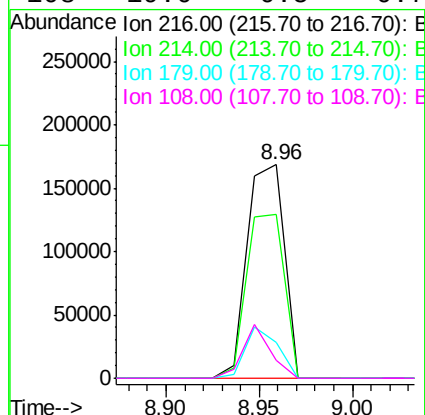
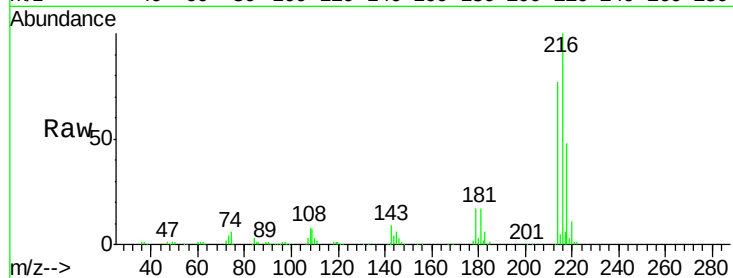




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.31 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

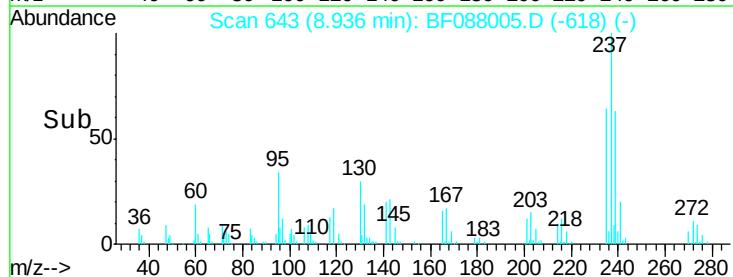
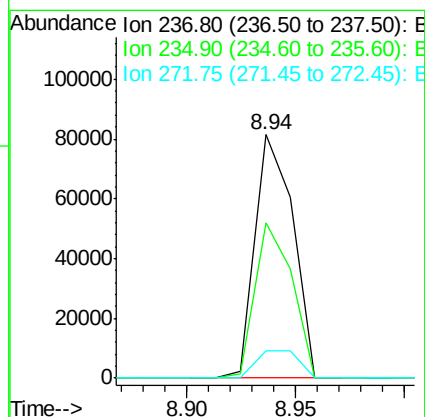
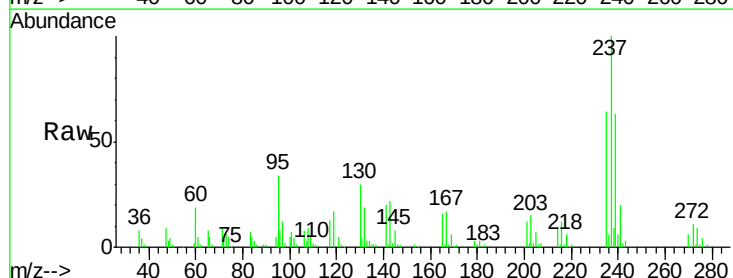
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

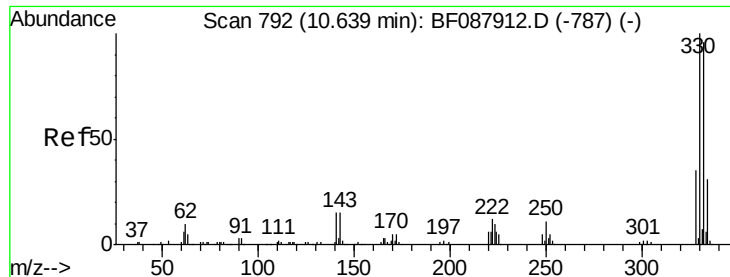
Tgt Ion:	216	Resp:	231971
Ion	Ratio	Lower	Upper
216	100		
214	78.5	2.9	4.3#
179	21.2	0.0	0.0#
108	19.0	0.5	0.7#



#40
 Hexachlorocyclopentadiene
 Concen: 28.69 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Tgt Ion:	237	Resp:	98780
Ion	Ratio	Lower	Upper
237	100		
235	64.0	43.4	83.4
272	11.4	0.0	32.3

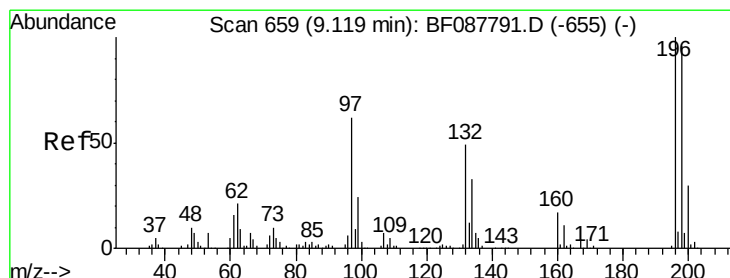
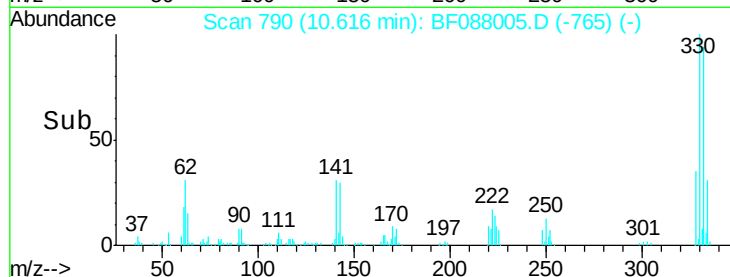
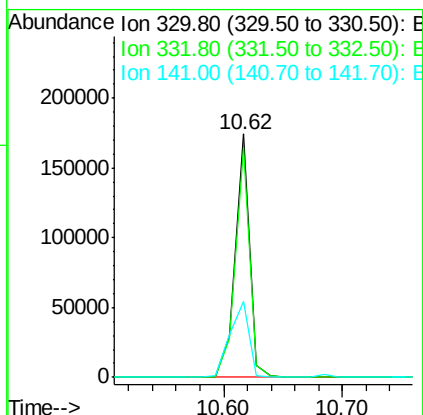
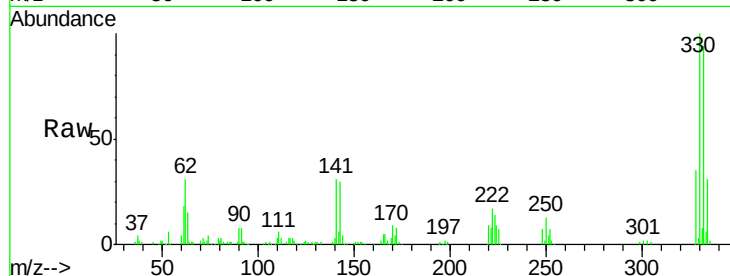




#41
 2,4,6-Tribromophenol
 Concen: 65.78 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

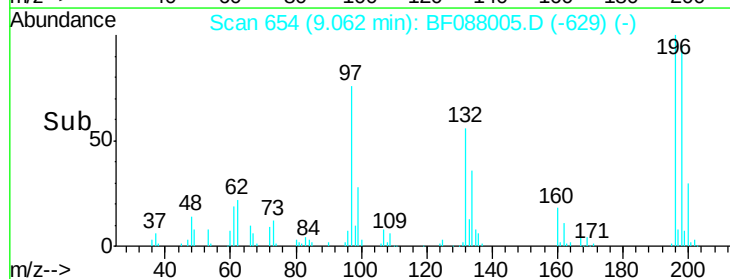
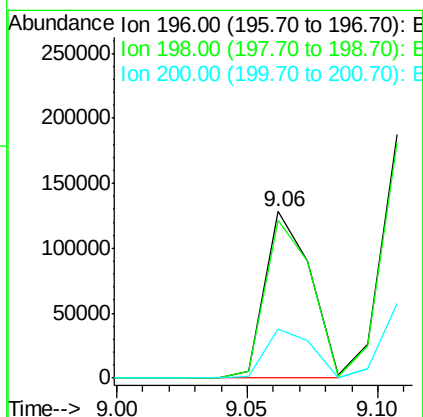
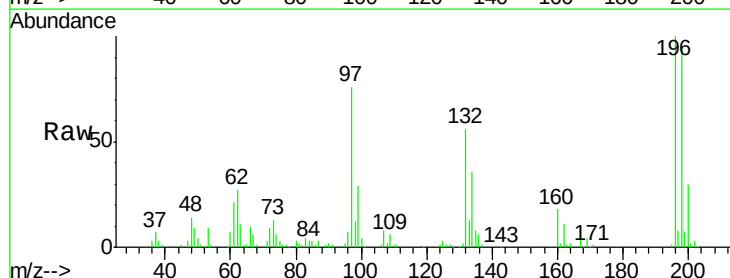
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

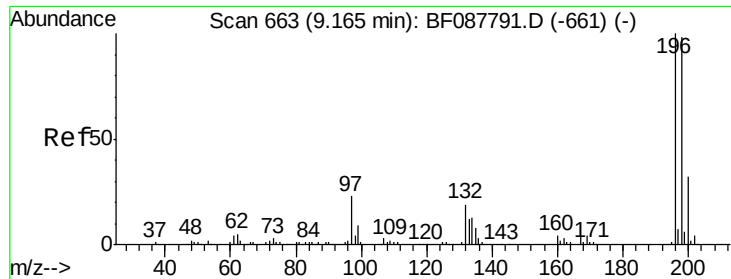
Tgt Ion:330 Resp: 148286
 Ion Ratio Lower Upper
 330 100
 332 94.6 0.0 0.0#
 141 40.1 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 36.35 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Tgt Ion:196 Resp: 155205
 Ion Ratio Lower Upper
 196 100
 198 94.7 78.0 117.0
 200 29.8 25.4 38.2

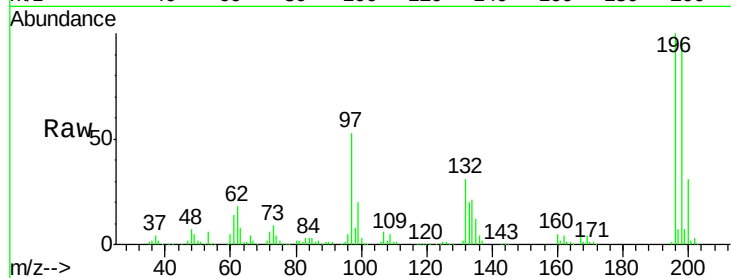




#43
 2,4,5-Trichlorophenol
 Concen: 37.71 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.5	116.3
97	53.0	32.0	48.0
132	31.5	20.9	31.3



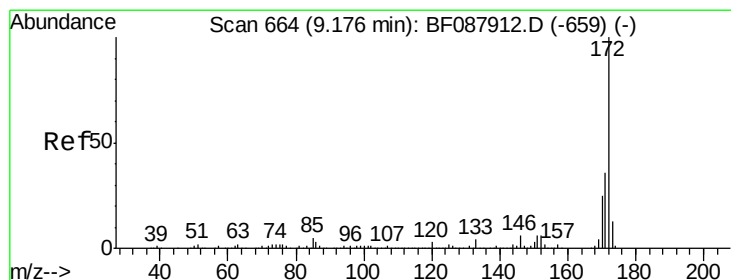
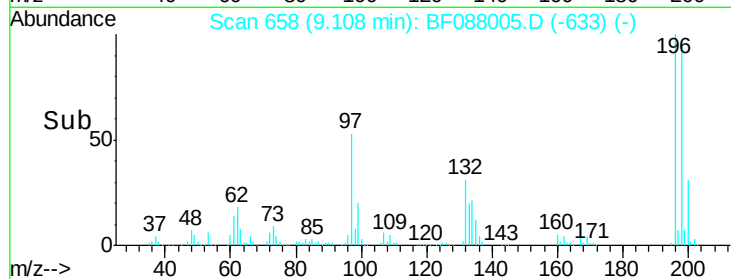
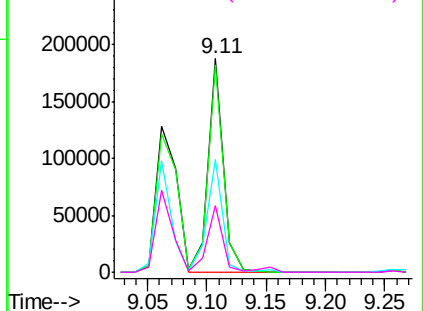
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

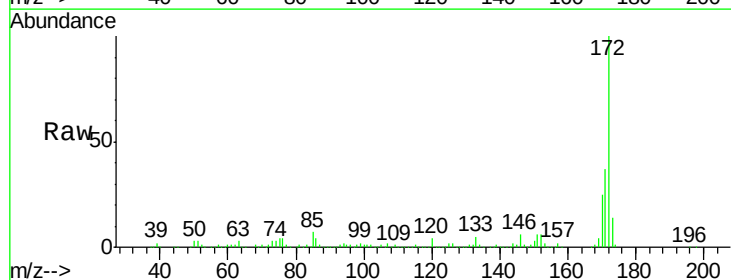
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 69.05 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	43.0
170	24.7	19.2	28.8

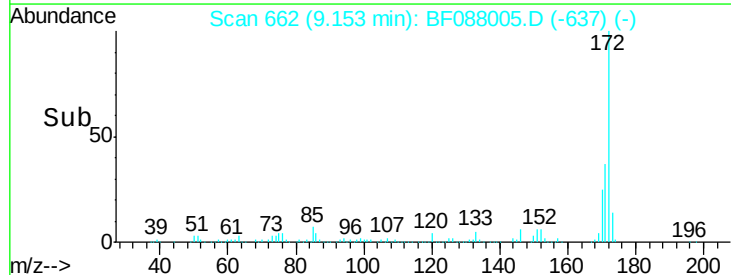
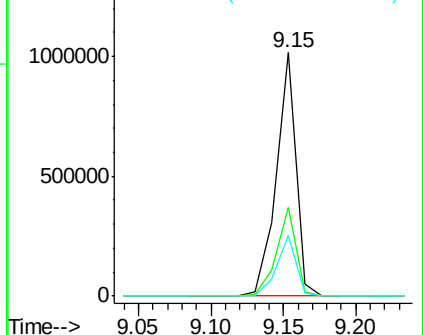


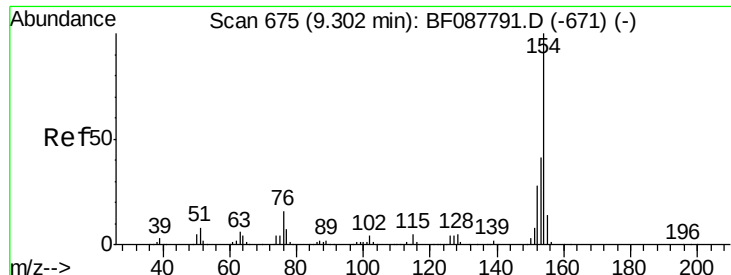
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

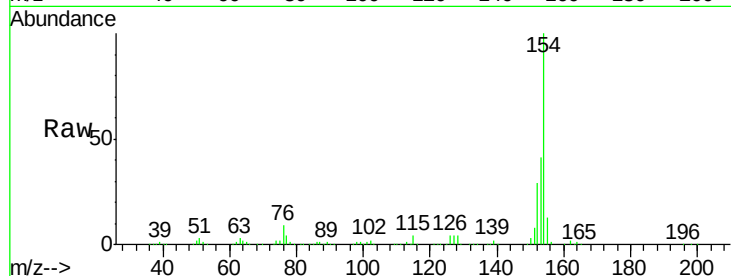




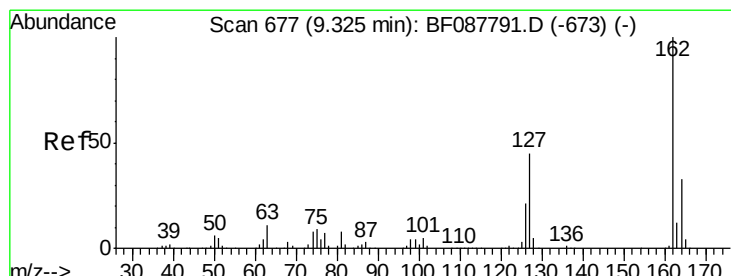
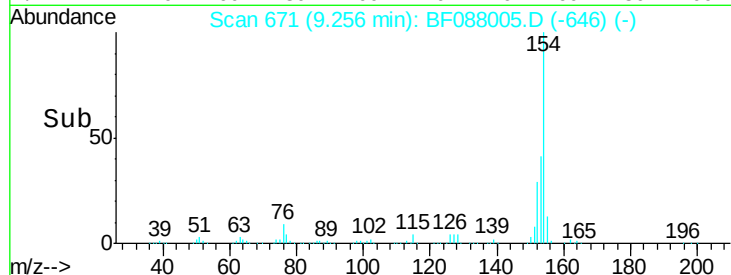
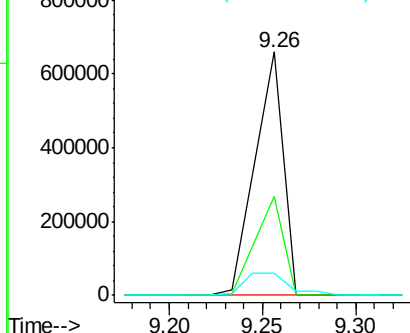
#45
 1,1'-Biphenyl
 Concen: 42.70 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 689342
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.6 60.6
 76 9.1 0.0 35.1

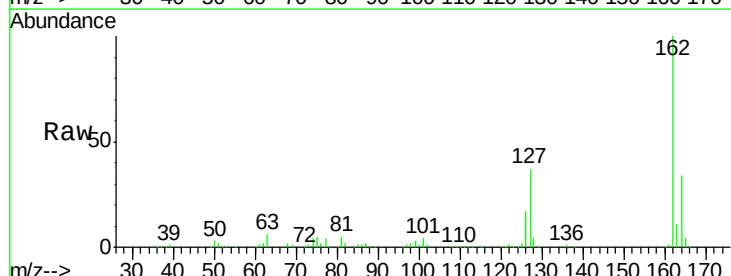


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

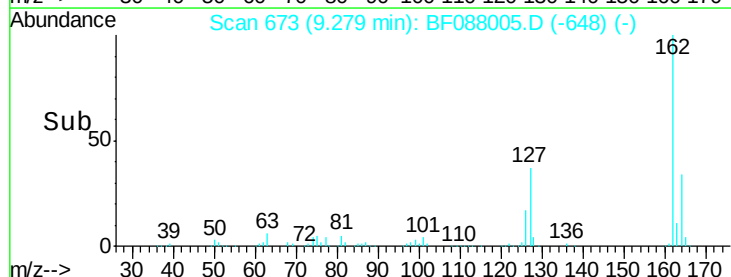
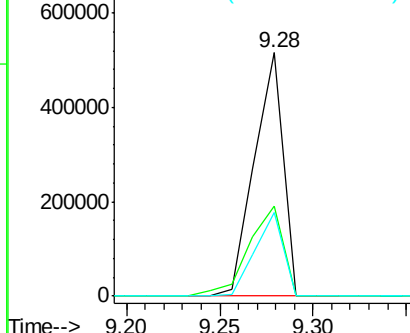


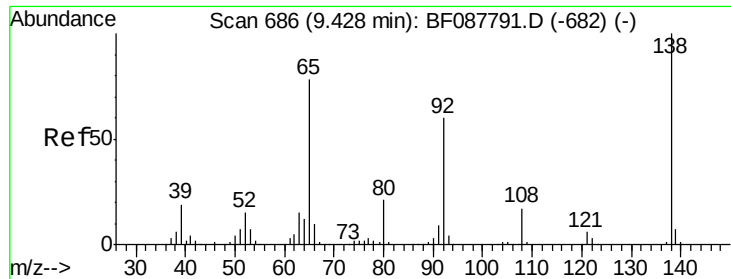
#46
 2-Chloronaphthalene
 Concen: 39.86 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Tgt Ion:162 Resp: 550618
 Ion Ratio Lower Upper
 162 100
 127 36.8 35.2 52.8
 164 34.1 26.6 39.8



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

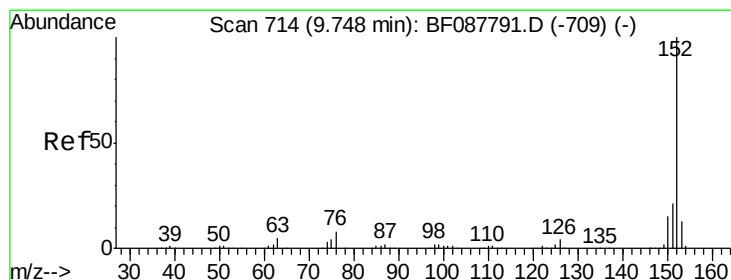
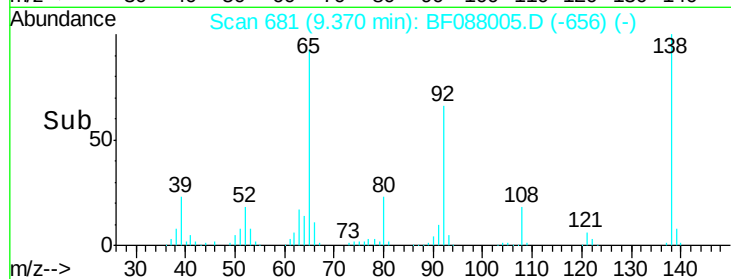
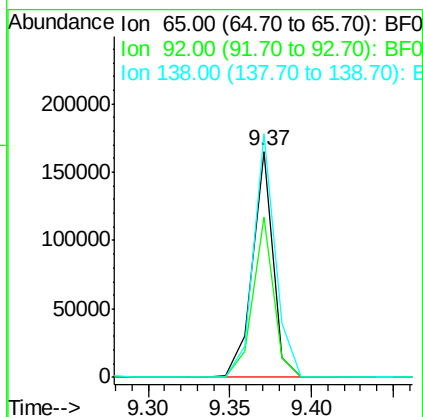
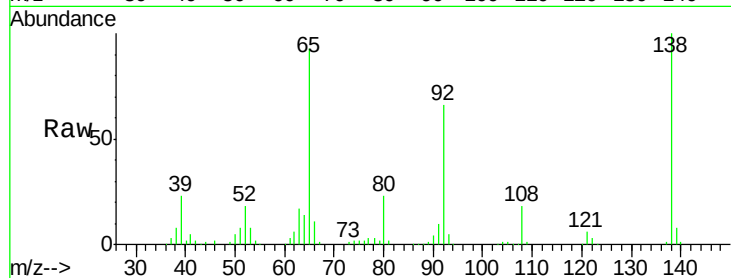




#47
 2-Nitroaniline
 Concen: 35.45 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

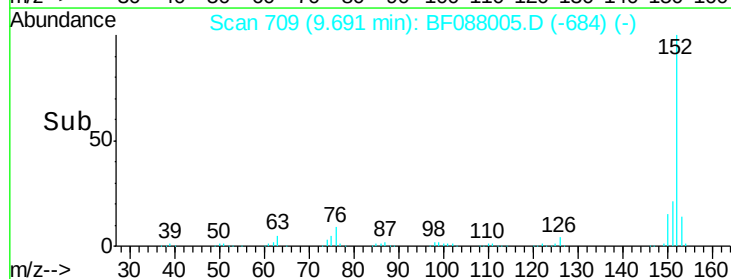
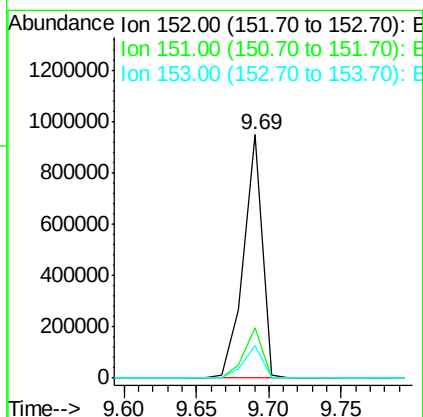
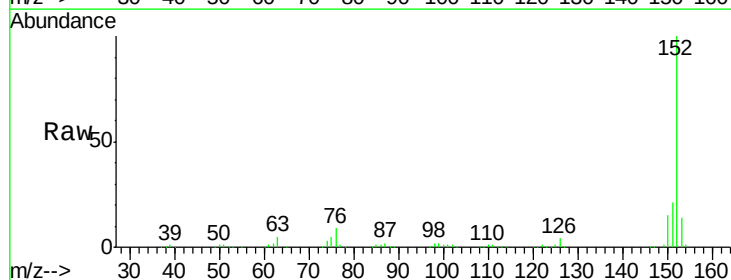
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

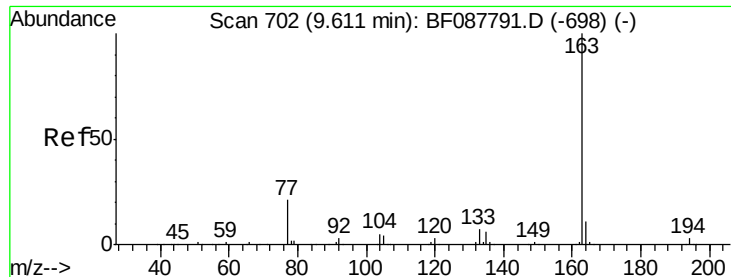
Tgt Ion: 65 Resp: 144446
 Ion Ratio Lower Upper
 65 100
 92 70.8 54.6 82.0
 138 107.7 77.0 115.4



#48
 Acenaphthylene
 Concen: 38.80 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Tgt Ion: 152 Resp: 852643
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.2 24.4
 153 13.6 11.0 16.6





#49

Dimethylphthalate

Concen: 39.40 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

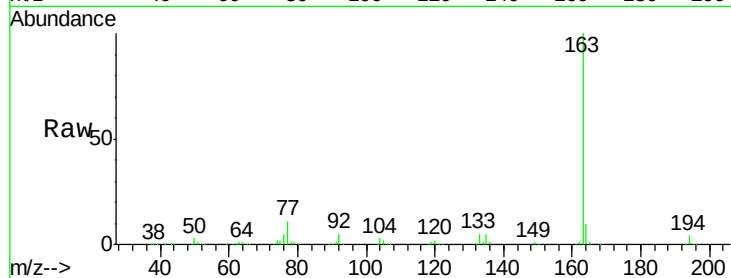
Tgt Ion:163 Resp: 609307

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

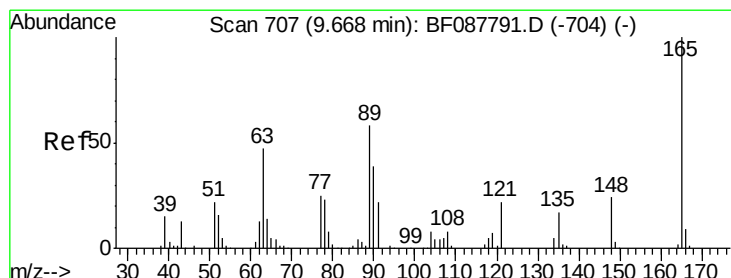
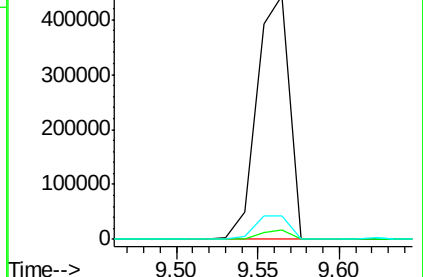
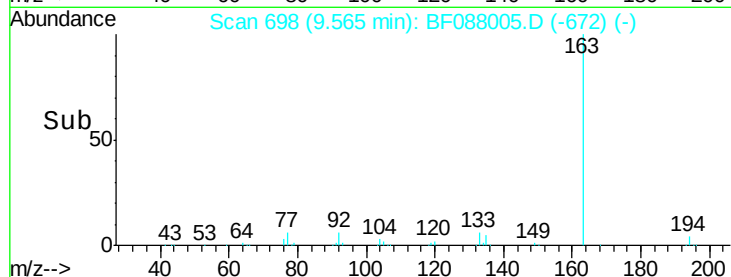
164 9.5 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.23 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

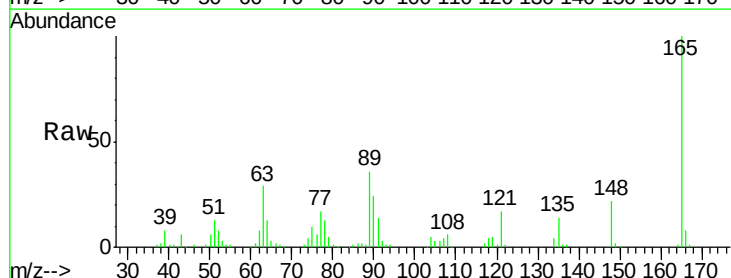
Tgt Ion:165 Resp: 149560

Ion Ratio Lower Upper

165 100

63 29.1 28.1 42.1

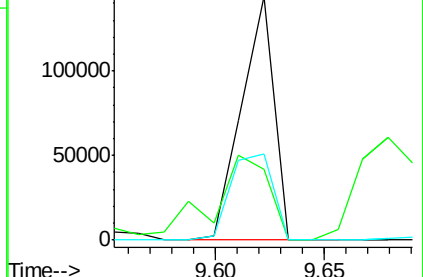
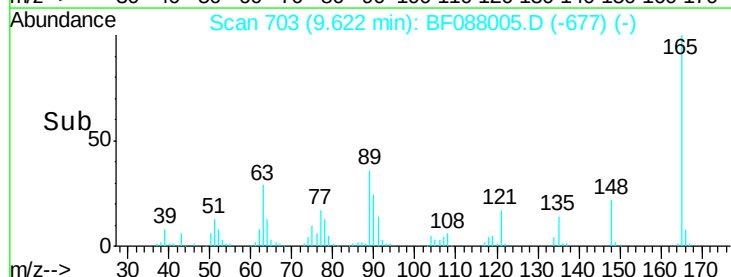
89 35.6 32.2 48.2

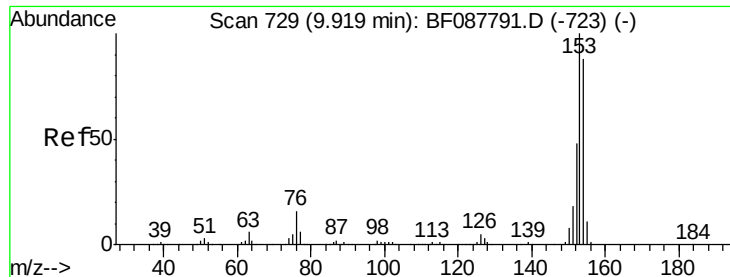


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.18 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

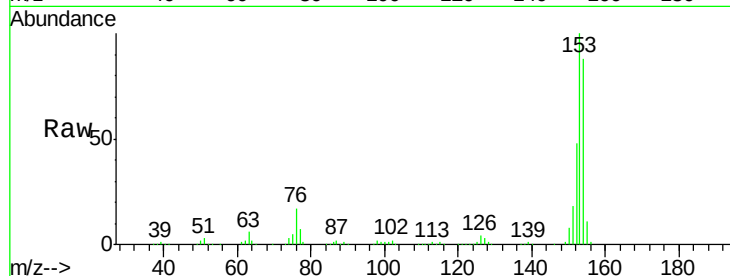
Tgt Ion:154 Resp: 509605

Ion Ratio Lower Upper

154 100

153 113.5 89.5 134.3

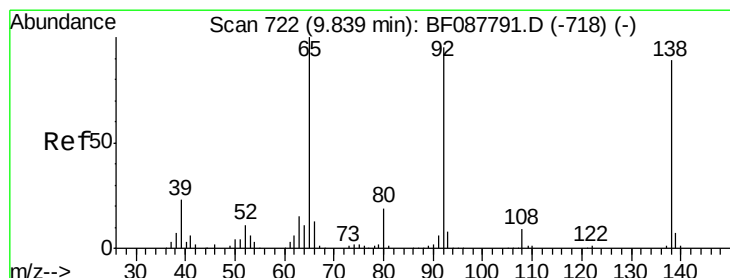
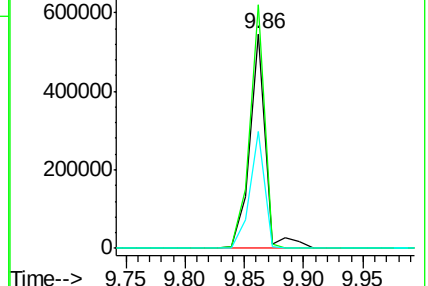
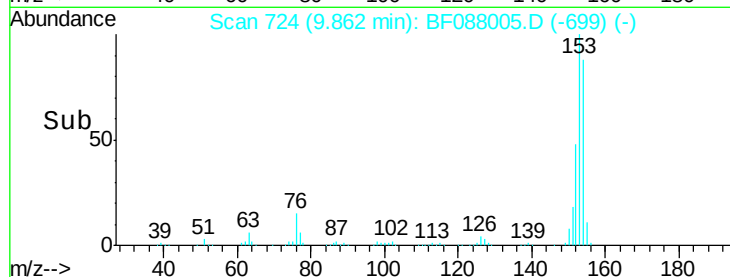
152 54.4 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.55 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

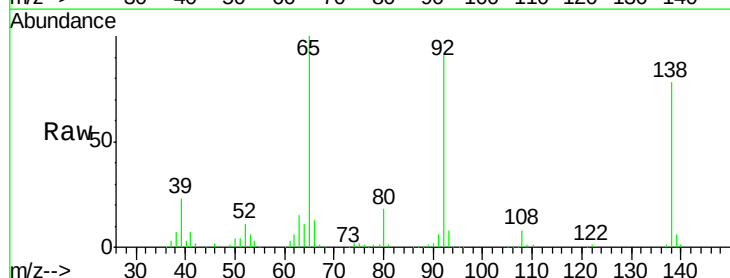
Tgt Ion:138 Resp: 141176

Ion Ratio Lower Upper

138 100

108 9.8 8.5 12.7

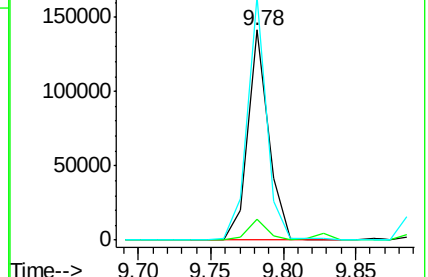
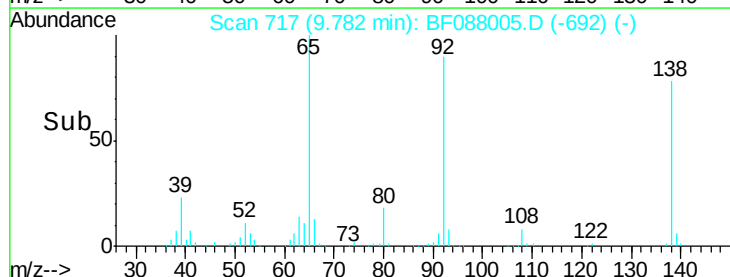
92 116.0 95.7 143.5

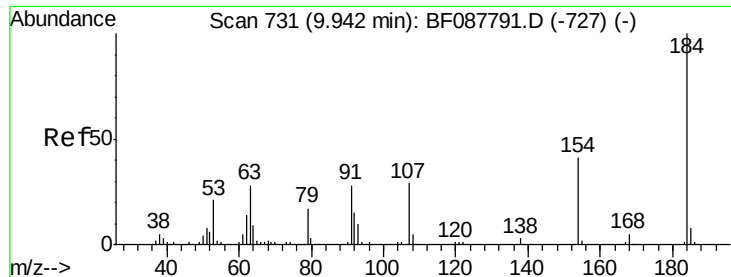


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

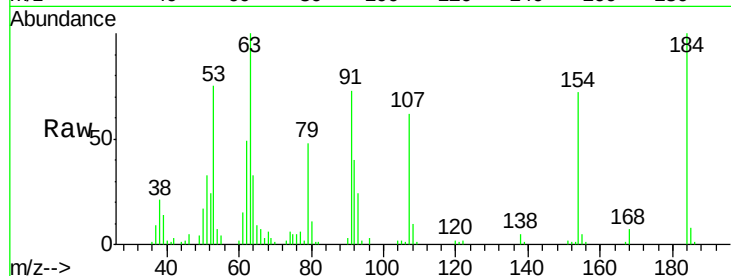




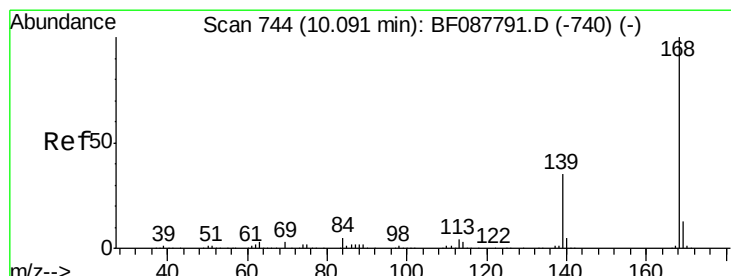
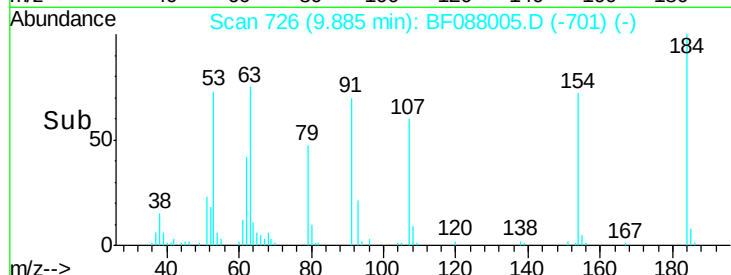
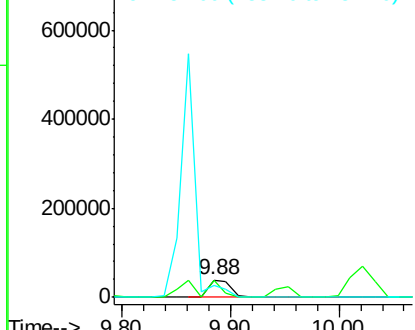
#53
 2,4-Dinitrophenol
 Concen: 35.07 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:184 Resp: 56572
 Ion Ratio Lower Upper
 184 100
 63 100.3 57.6 86.4#
 154 72.0 53.5 80.3

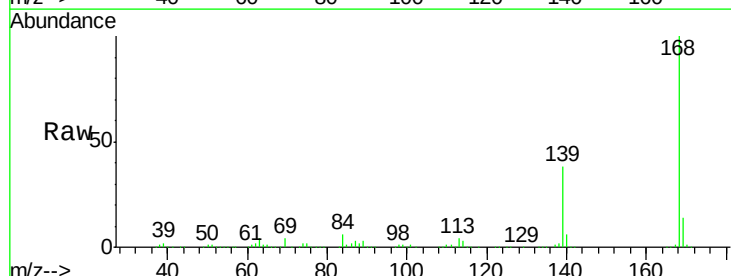


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

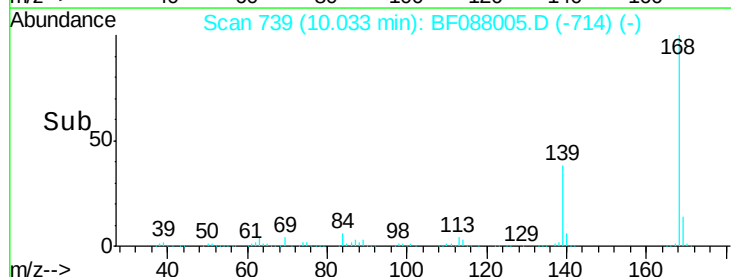
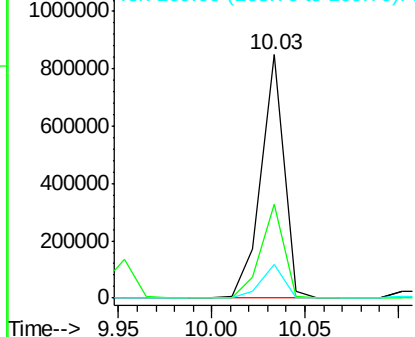


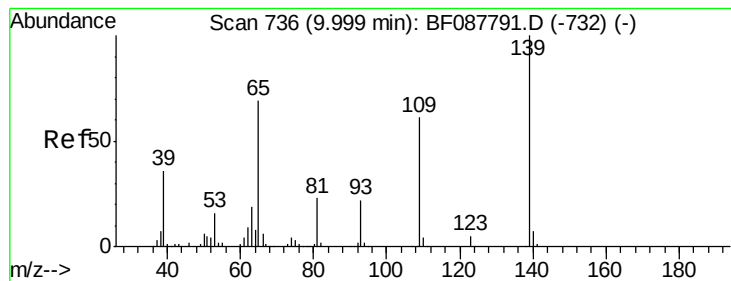
#54
 Dibenzofuran
 Concen: 38.08 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Tgt Ion:168 Resp: 718906
 Ion Ratio Lower Upper
 168 100
 139 38.4 26.4 39.6
 169 13.7 10.4 15.6



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





#55

4-Nitrophenol

Concen: 42.42 ng

RT: 9.95 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

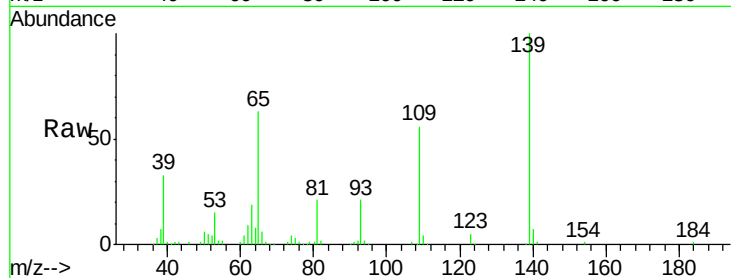
Tgt Ion:139 Resp: 134561

Ion Ratio Lower Upper

139 100

109 56.0 48.9 88.9

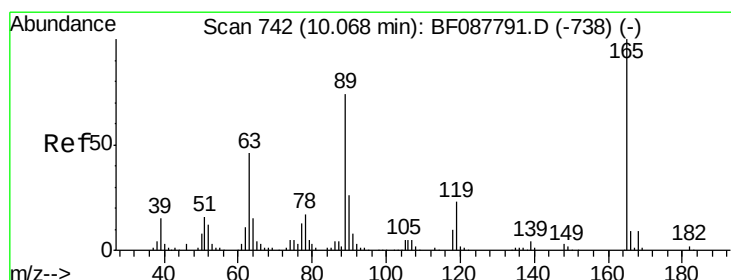
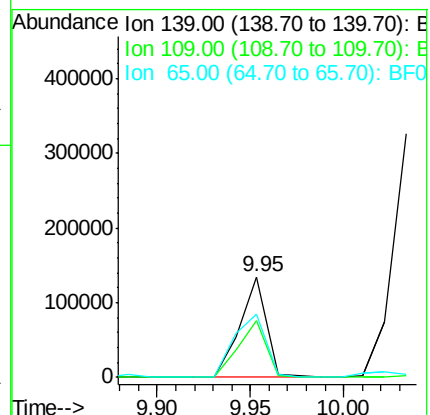
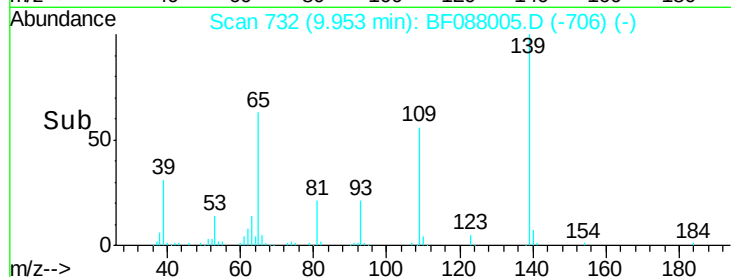
65 63.5 84.9 124.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.05 ng

RT: 10.02 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Tgt Ion:165 Resp: 200473

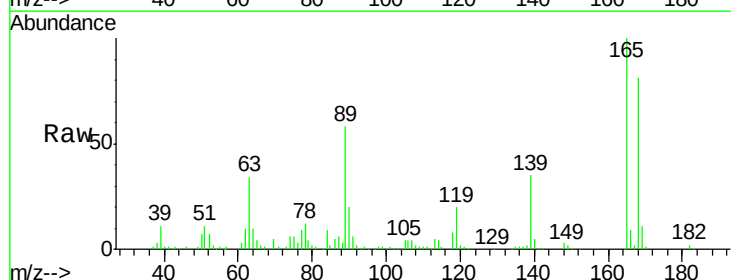
Ion Ratio Lower Upper

165 100

63 33.6 22.0 33.0#

89 57.6 41.1 61.7

182 2.4 2.0 3.0

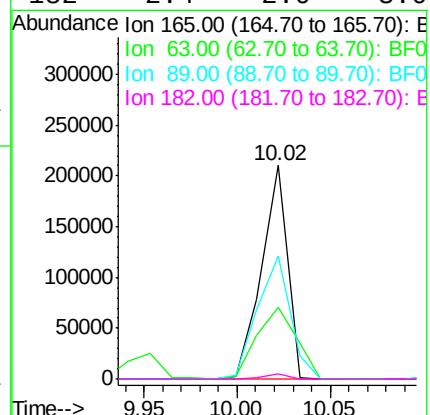
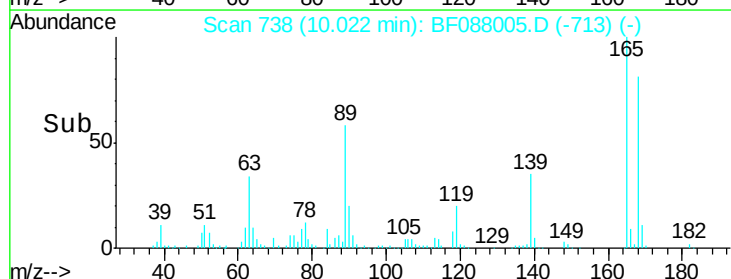


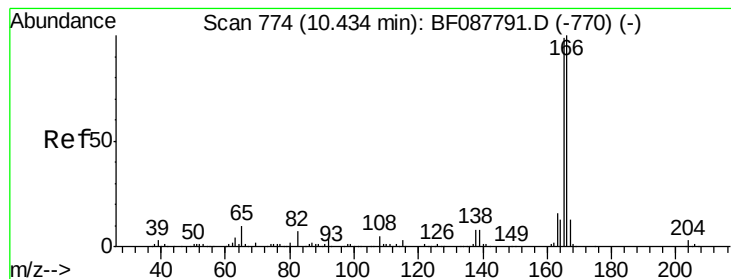
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.61 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

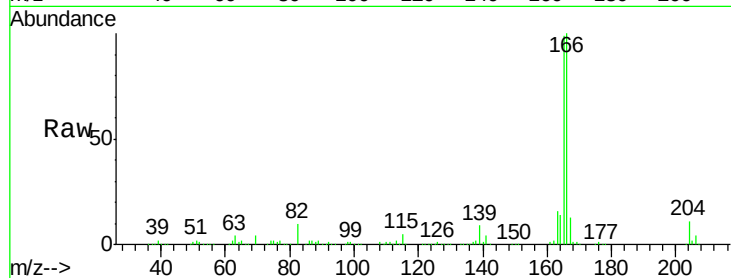
Tgt Ion:166 Resp: 569663

Ion Ratio Lower Upper

166 100

165 99.1 77.8 116.8

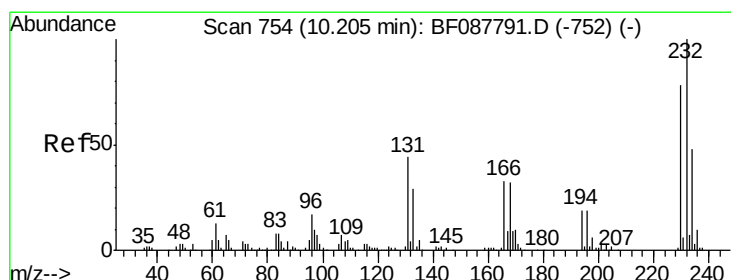
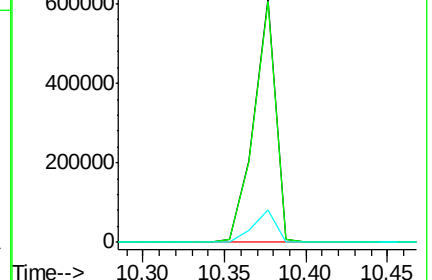
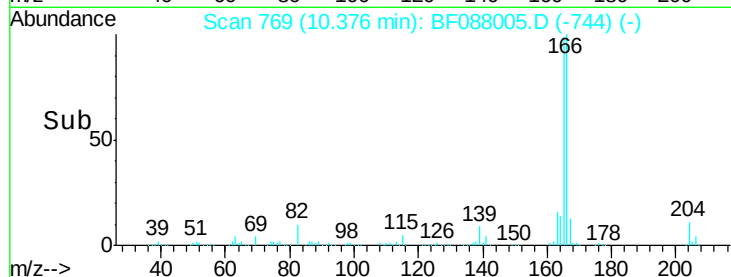
167 13.4 11.2 16.8



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.58 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Tgt Ion:232 Resp: 127669

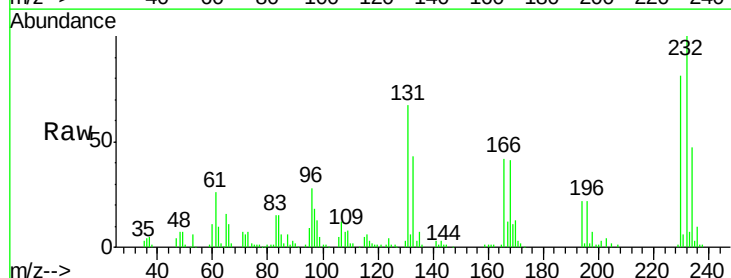
Ion Ratio Lower Upper

232 100

131 49.8 0.9 1.3#

130 2.3 1.5 2.3#

166 33.3 0.5 0.7#

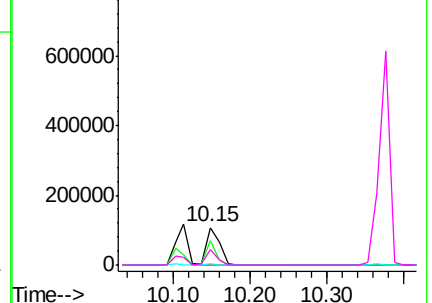
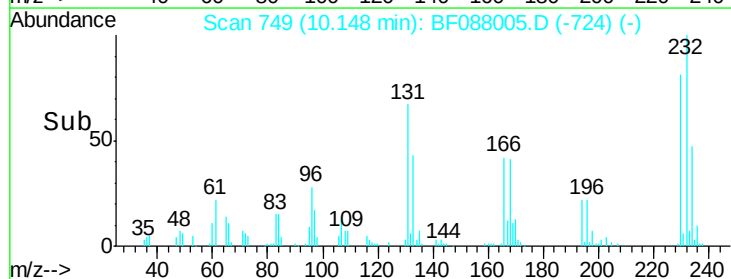


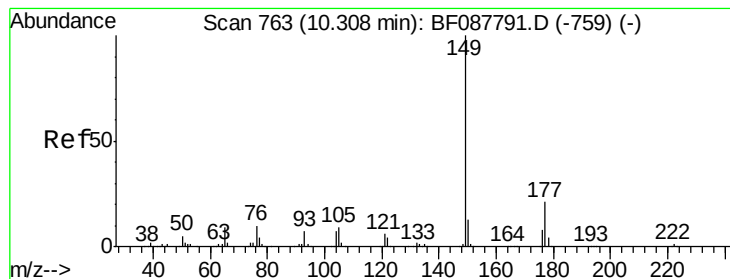
Abundance Ion 232.00 (231.70 to 232.70): E

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





#59

Diethylphthalate

Concen: 37.22 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

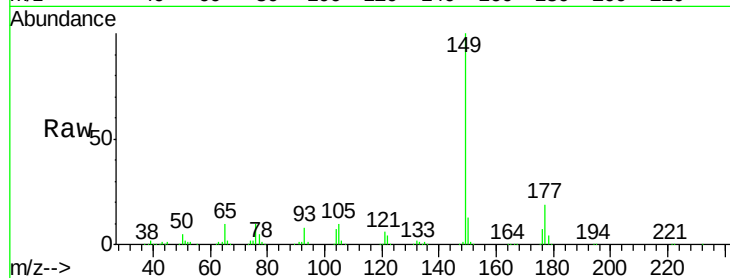
Tgt Ion:149 Resp: 582667

Ion Ratio Lower Upper

149 100

177 19.3 16.9 25.3

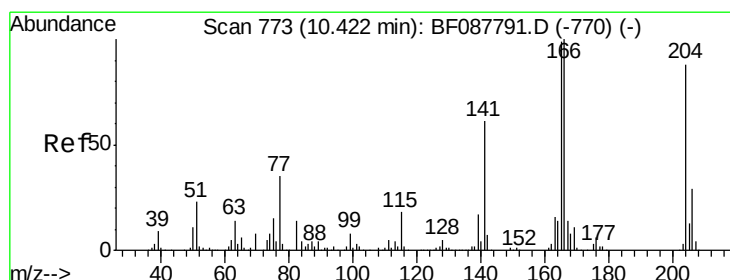
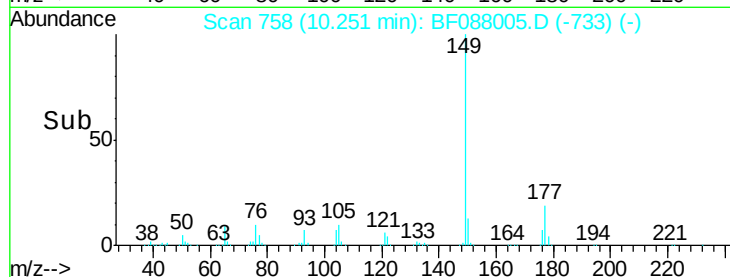
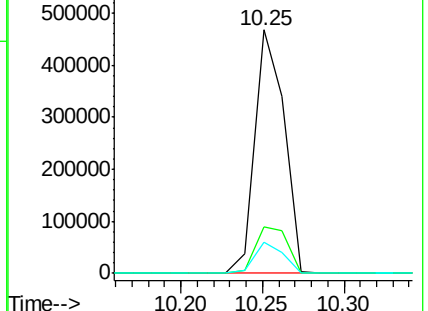
150 12.9 10.1 15.1



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: 33.27 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

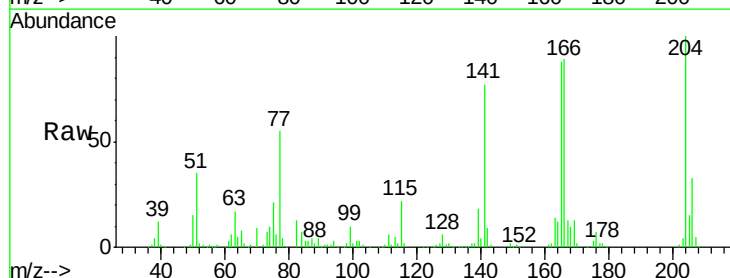
Tgt Ion:204 Resp: 208862

Ion Ratio Lower Upper

204 100

206 32.6 26.3 39.5

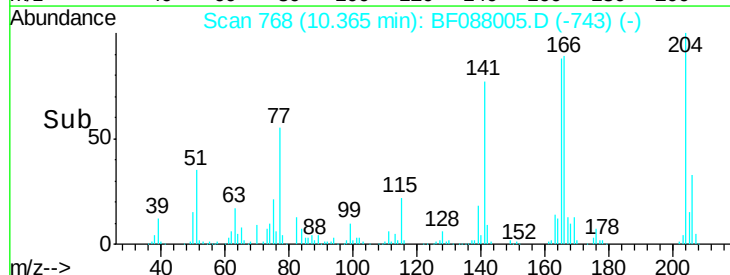
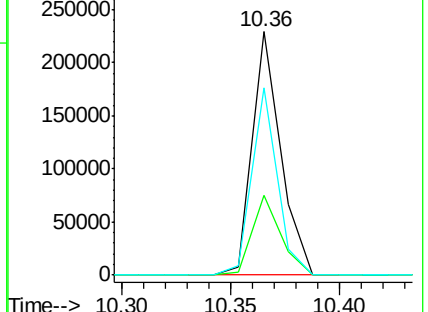
141 76.8 55.0 82.6

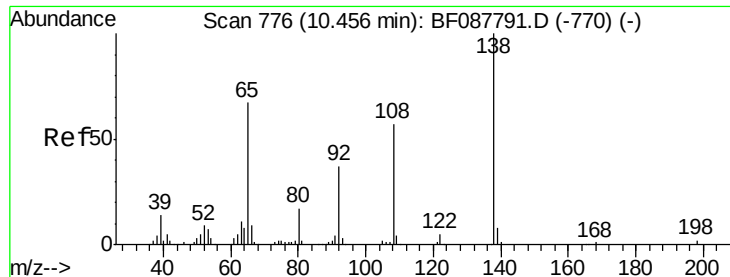


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

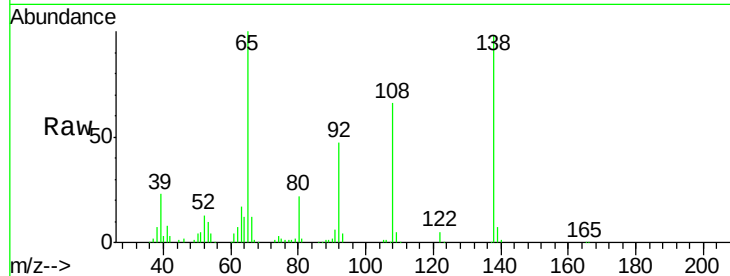




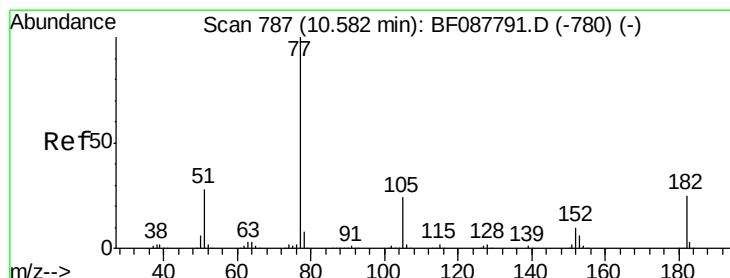
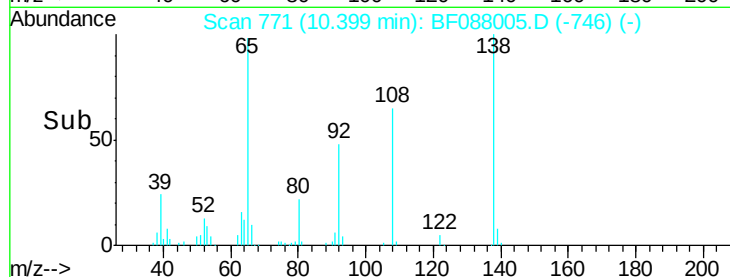
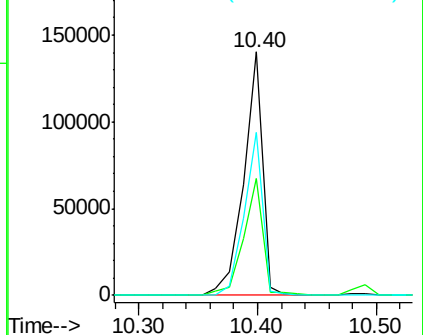
#61
4-Nitroaniline
Concen: 40.52 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF088005.D
Acq: 14 Jun 2016 16:21

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 157074
Ion Ratio Lower Upper
138 100
92 48.3 27.3 67.3
108 67.1 46.7 86.7

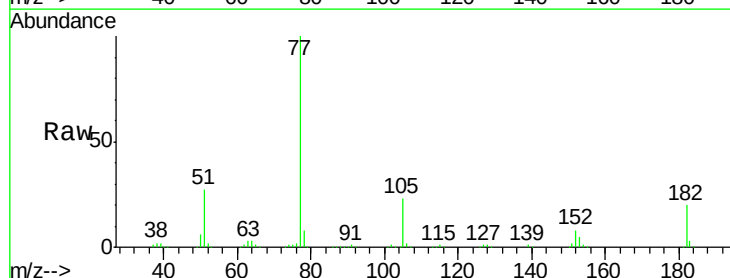


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

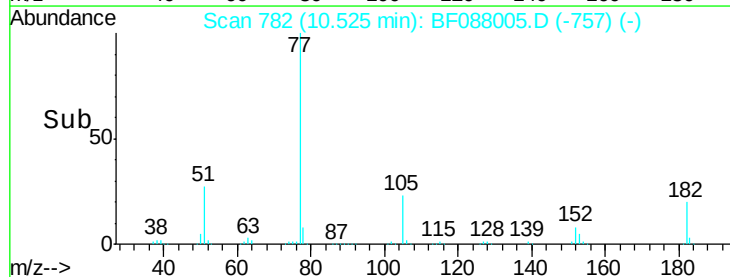
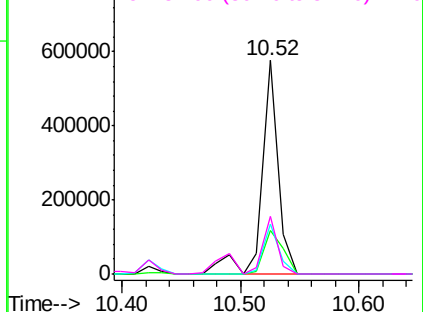


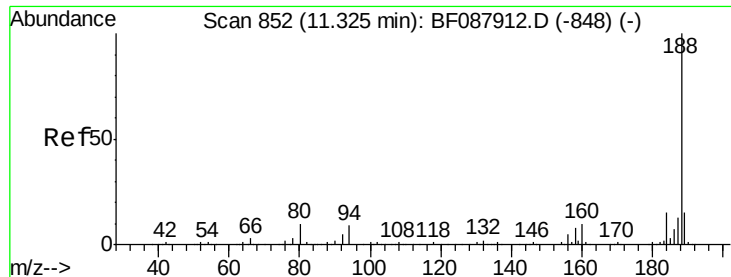
#62
Azobenzene
Concen: 36.46 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF088005.D
Acq: 14 Jun 2016 16:21

Tgt Ion: 77 Resp: 564439
Ion Ratio Lower Upper
77 100
182 20.4 4.4 44.4
105 23.3 3.8 43.8
51 26.9 9.3 49.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

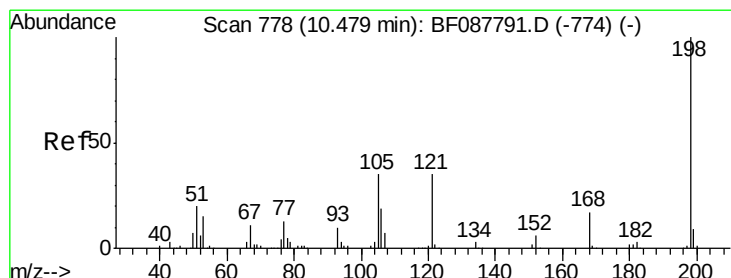
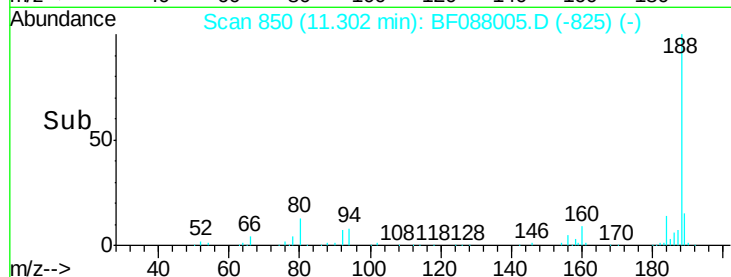
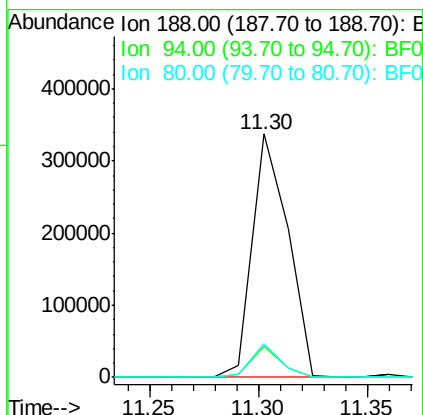
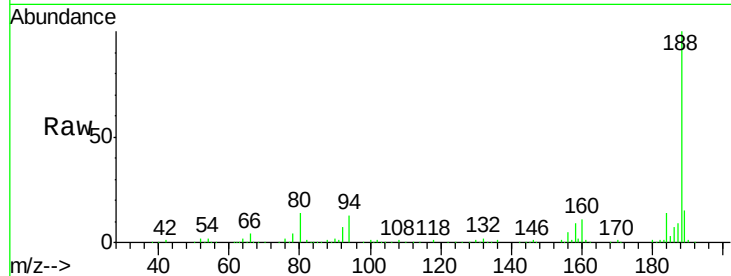




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF088005.D
Acq: 14 Jun 2016 16:21

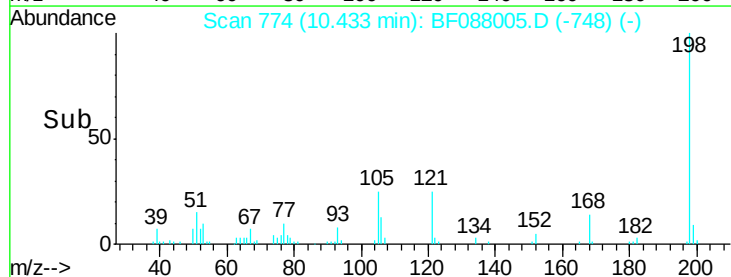
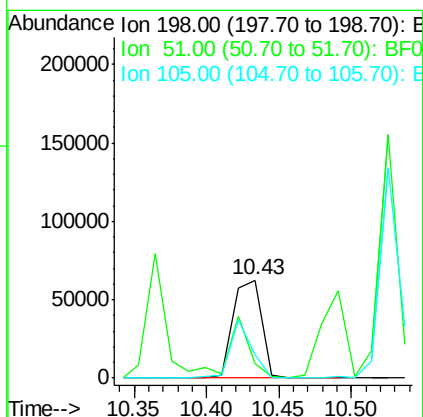
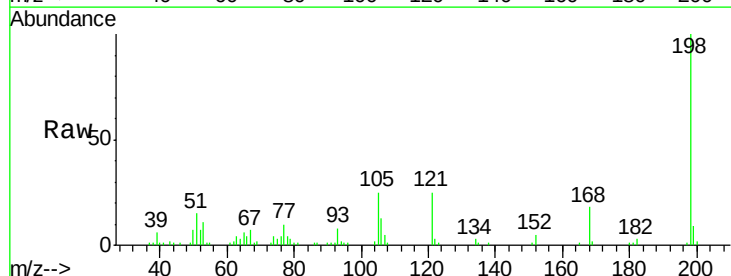
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

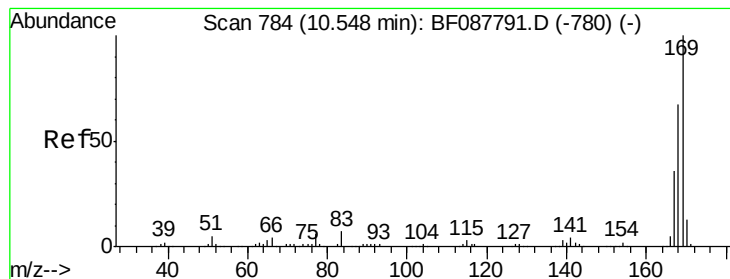
Tgt Ion:188 Resp: 386069
Ion Ratio Lower Upper
188 100
94 12.8 9.0 13.6
80 13.7 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 35.88 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF088005.D
Acq: 14 Jun 2016 16:21

Tgt Ion:198 Resp: 85106
Ion Ratio Lower Upper
198 100
51 14.6 39.6 79.6#
105 24.5 36.6 76.6#

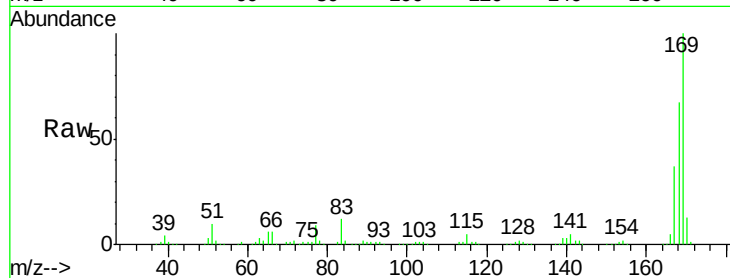




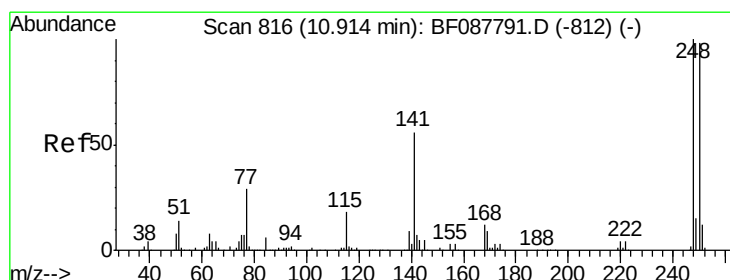
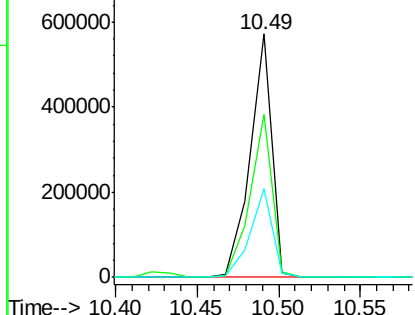
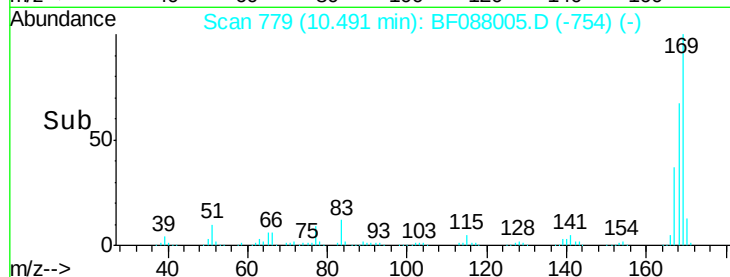
#65
 n-Nitrosodiphenylamine
 Concen: 41.20 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:169 Resp: 527755
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.4 80.0
 167 36.6 29.4 44.0

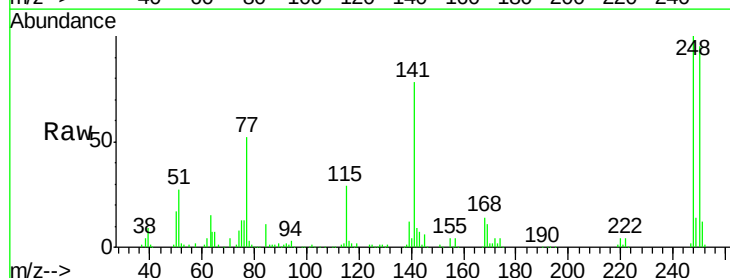


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

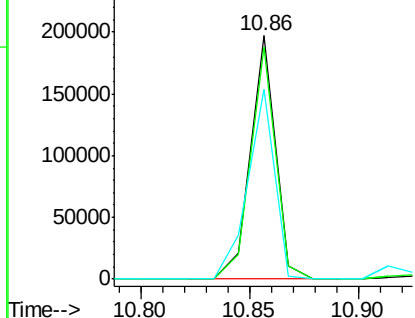
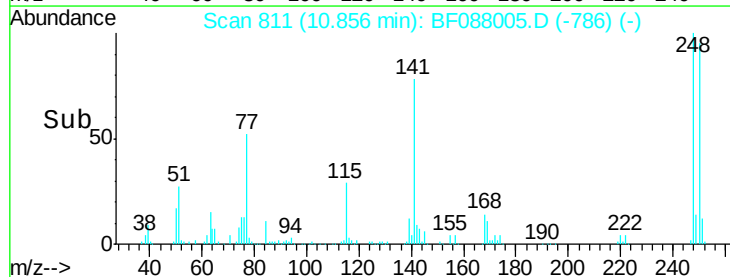


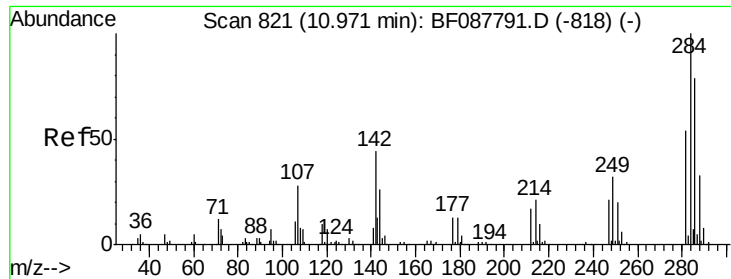
#66
 4-Bromophenyl-phenylether
 Concen: 37.86 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Tgt Ion:248 Resp: 156803
 Ion Ratio Lower Upper
 248 100
 250 95.3 77.1 115.7
 141 78.0 50.6 76.0#



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





#67

Hexachlorobenzene

Concen: 39.30 ng

RT: 10.92 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

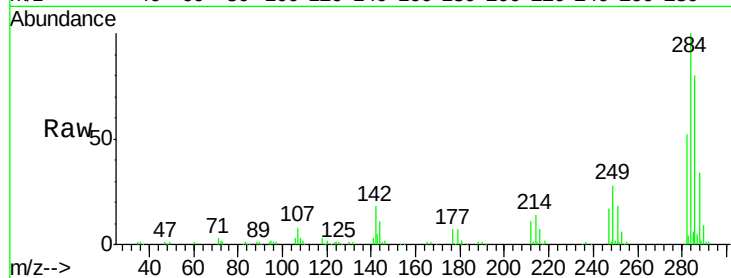
Tgt Ion:284 Resp: 169106

Ion Ratio Lower Upper

284 100

142 18.1 35.8 53.8#

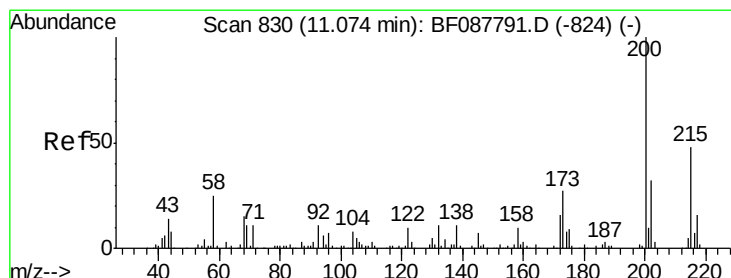
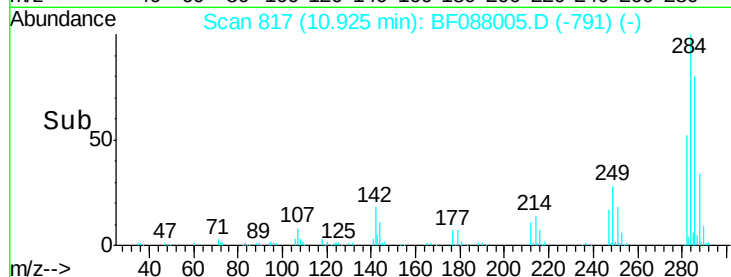
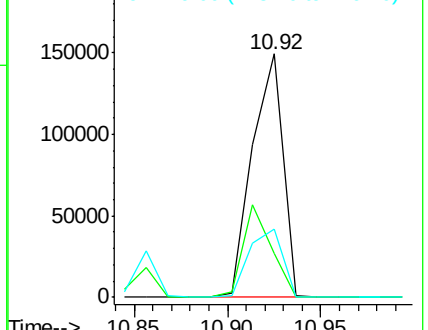
249 27.9 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.19 ng

RT: 11.02 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

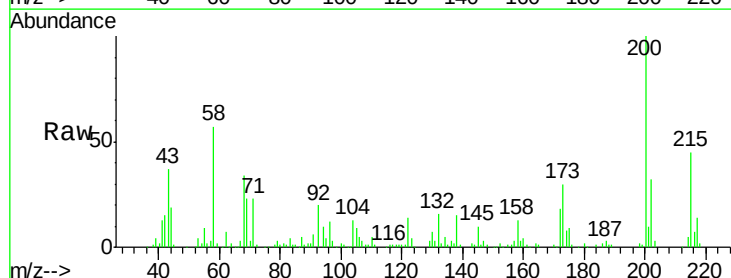
Tgt Ion:200 Resp: 140376

Ion Ratio Lower Upper

200 100

173 30.4 4.0 44.0

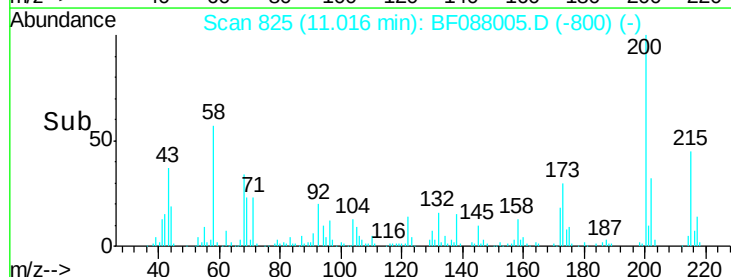
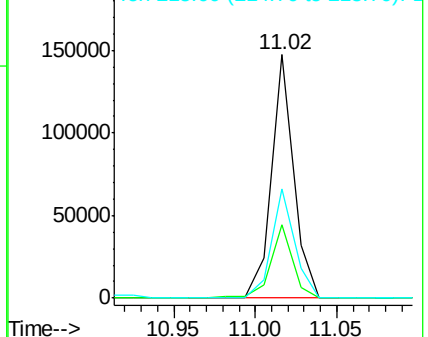
215 44.7 29.3 69.3

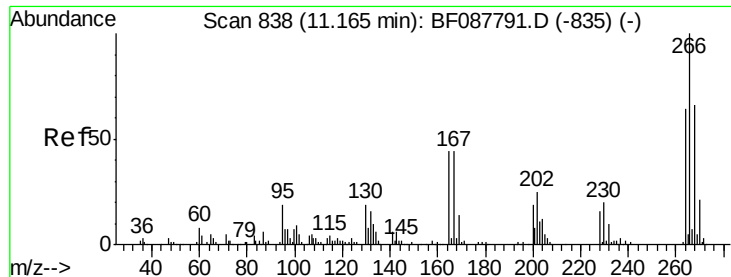


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

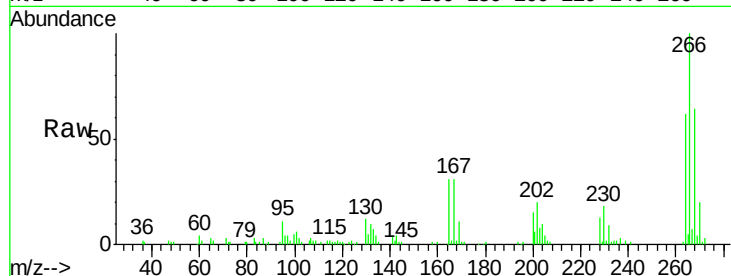




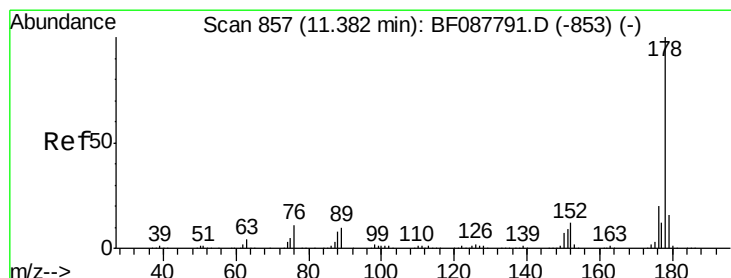
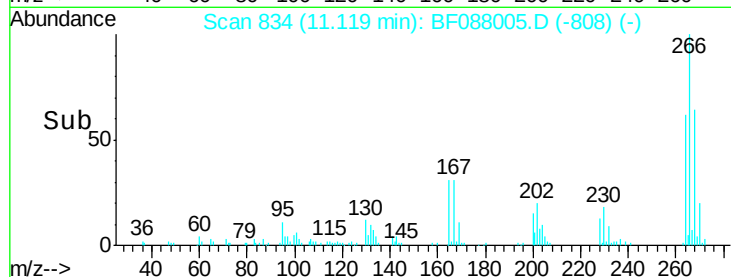
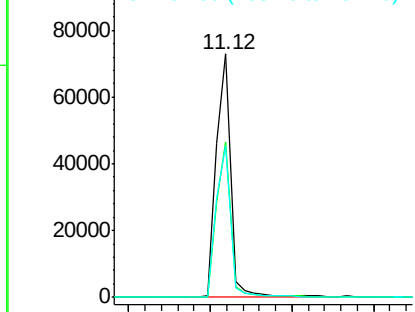
#69
 Pentachlorophenol
 Concen: 39.56 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 89745
 Ion Ratio Lower Upper
 266 100
 268 63.6 52.8 79.2
 264 62.4 49.6 74.4

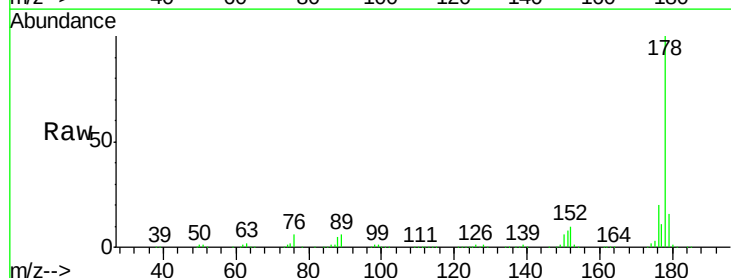


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

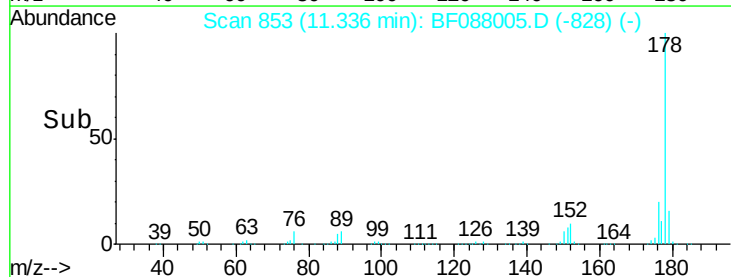
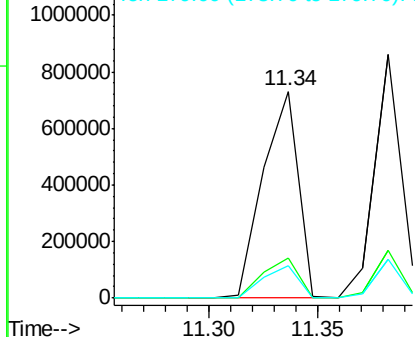


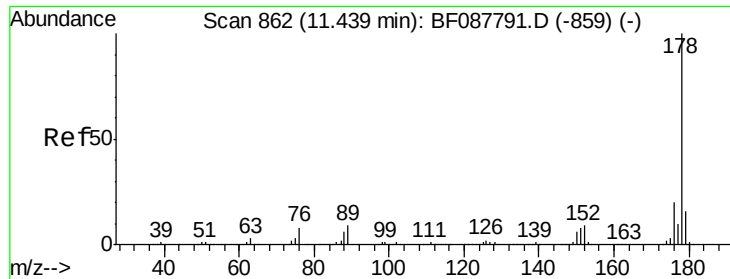
#70
 Phenanthrene
 Concen: 41.03 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Tgt Ion: 178 Resp: 831310
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.6
 179 15.5 13.0 19.4



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

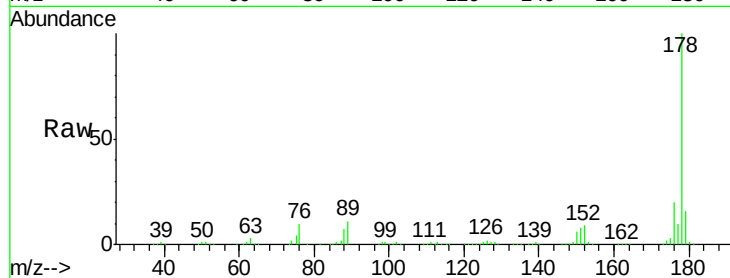




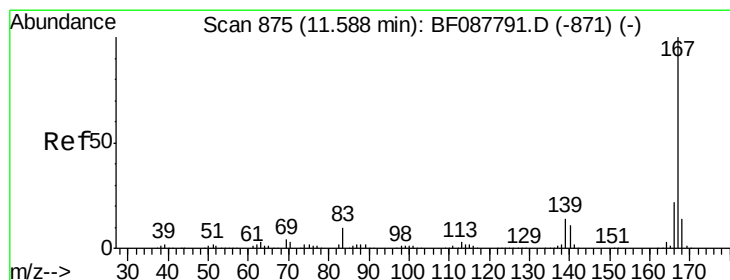
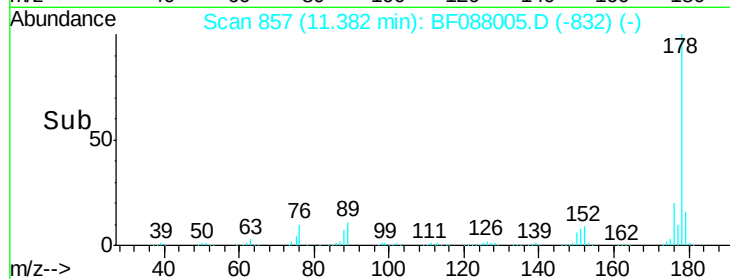
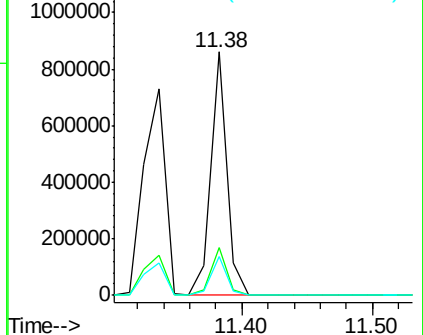
#71
 Anthracene
 Concen: 36.53 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 746561
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 16.2 12.8 19.2

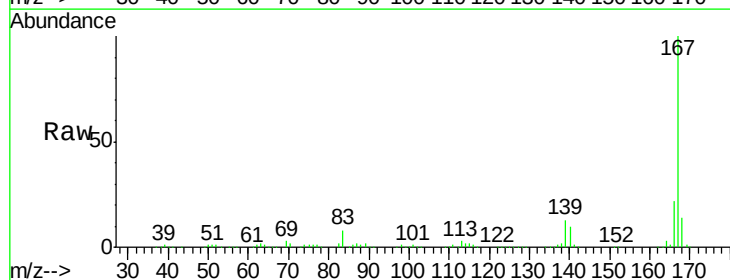


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

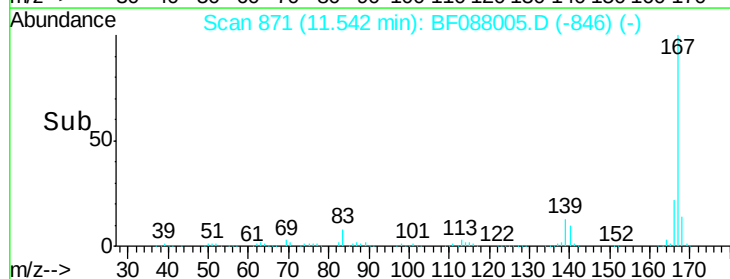
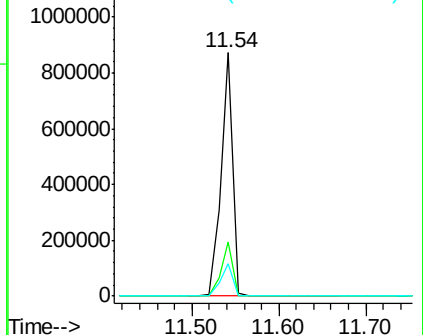


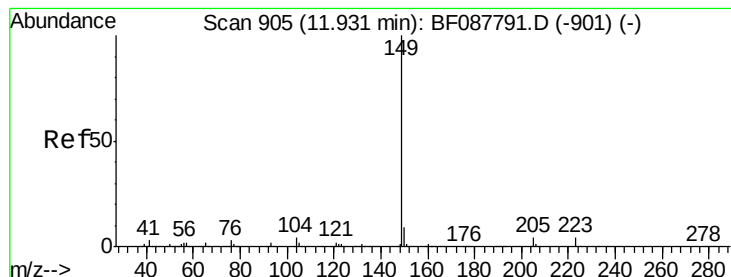
#72
 Carbazole
 Concen: 43.29 ng
 RT: 11.54 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Tgt Ion:167 Resp: 827834
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 13.4 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.07 ng

RT: 11.87 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

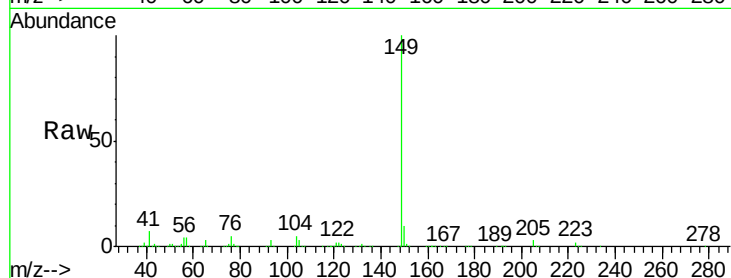
Tgt Ion:149 Resp: 848838

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

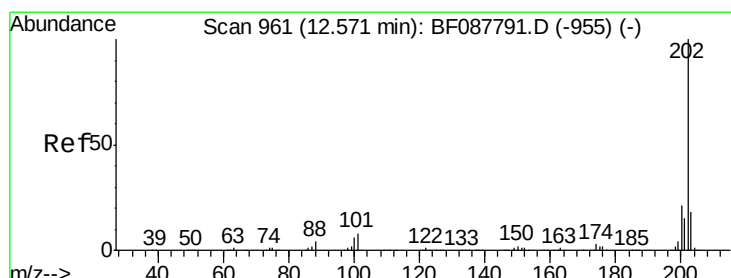
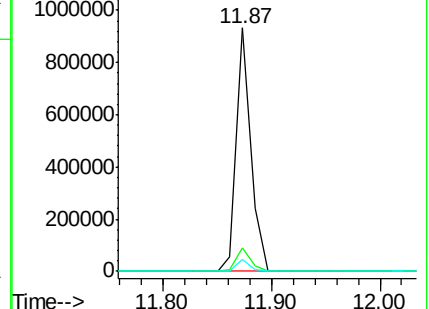
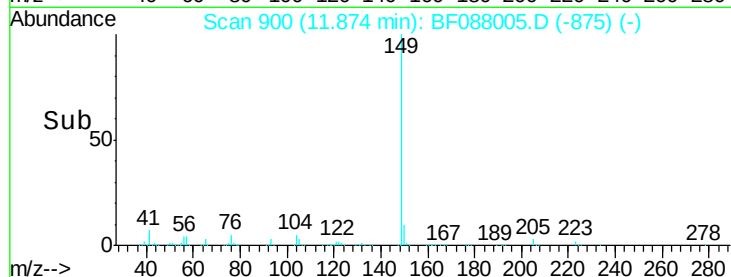
104 5.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.39 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

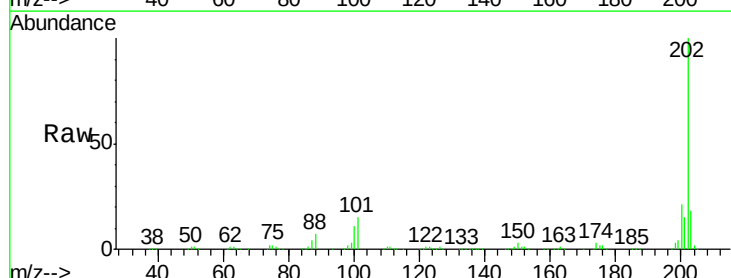
Tgt Ion:202 Resp: 756531

Ion Ratio Lower Upper

202 100

101 14.6 0.0 33.1

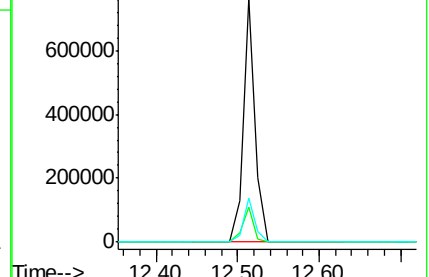
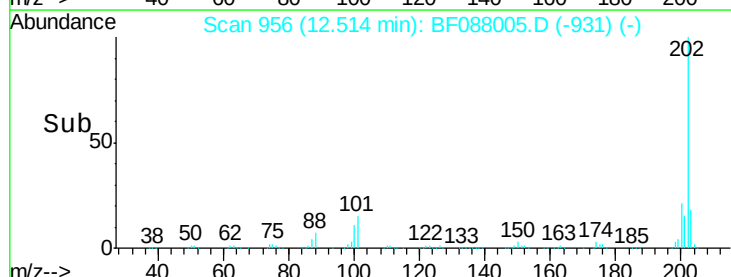
203 18.1 0.0 38.1

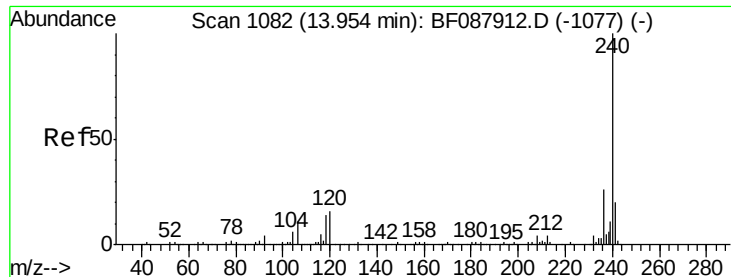


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

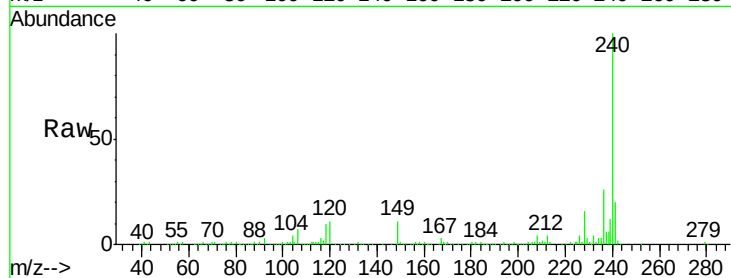
Tgt Ion:240 Resp: 288336

Ion Ratio Lower Upper

240 100

120 11.4 6.8 10.2#

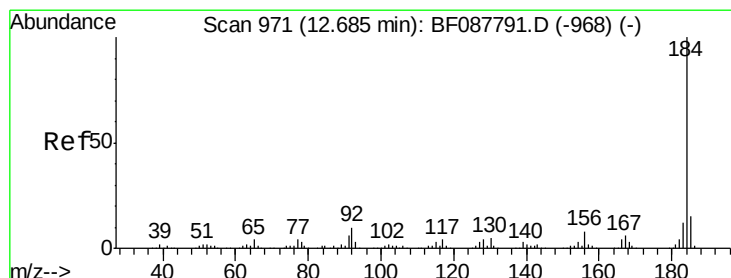
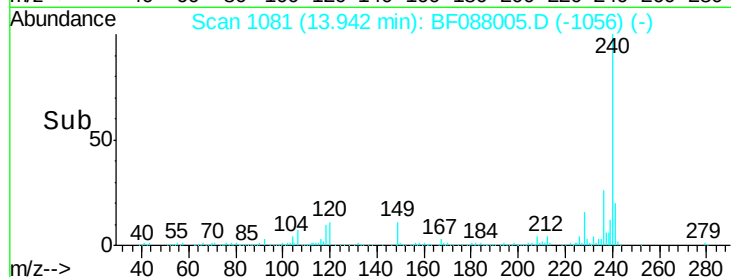
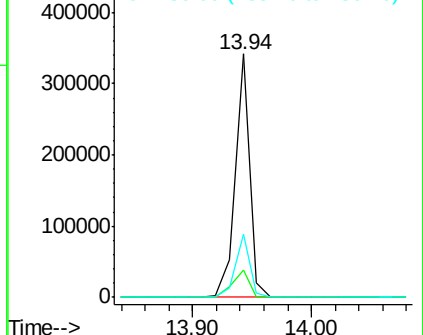
236 25.8 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.33 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

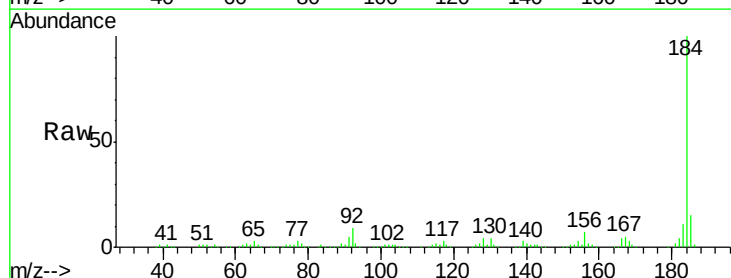
Tgt Ion:184 Resp: 353911

Ion Ratio Lower Upper

184 100

185 14.8 12.5 18.7

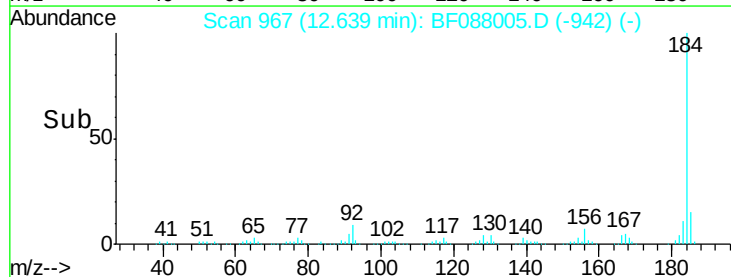
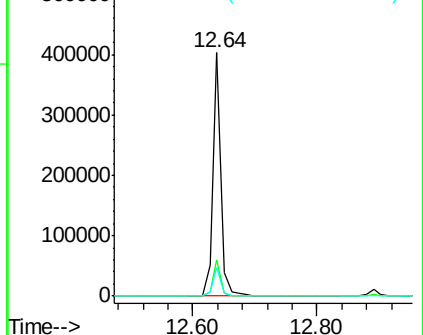
183 11.5 9.3 13.9

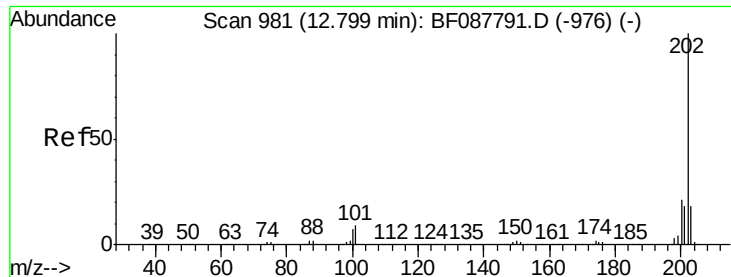


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 34.96 ng

RT: 12.74 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

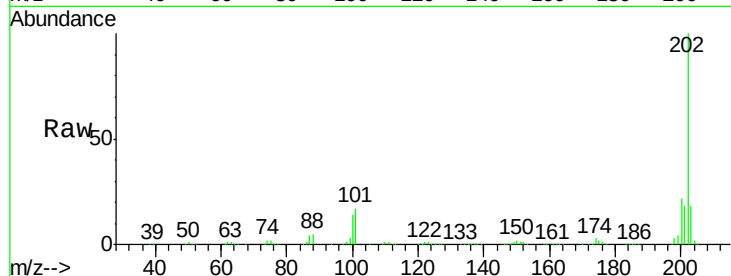
Tgt Ion:202 Resp: 747925

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

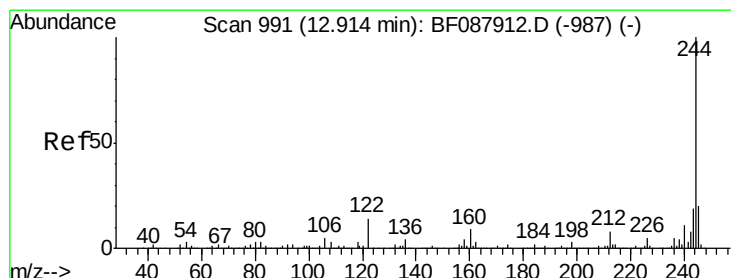
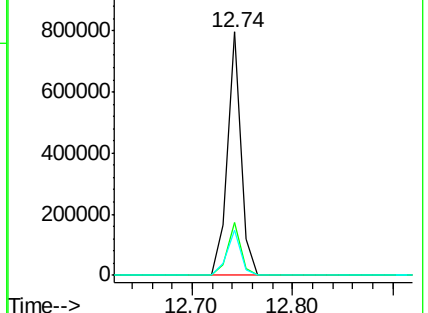
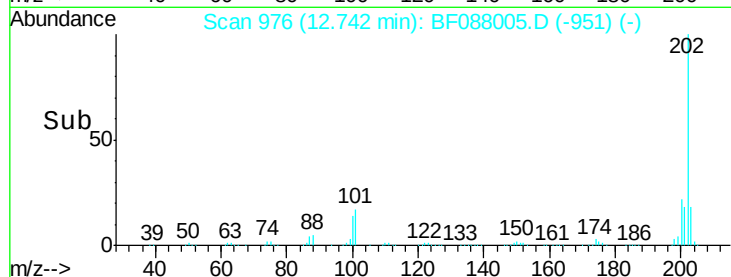
203 18.4 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 65.61 ng

RT: 12.89 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

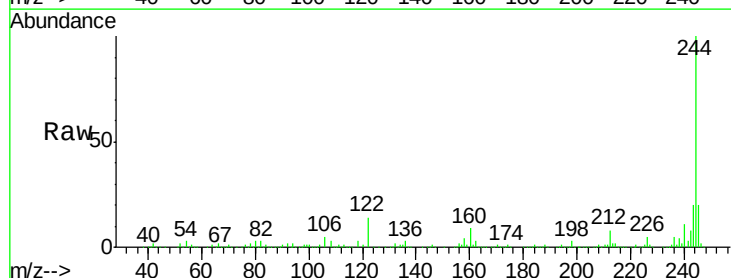
Tgt Ion:244 Resp: 831315

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

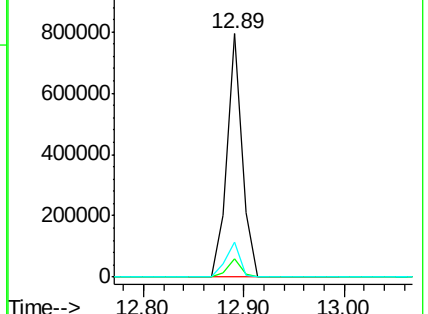
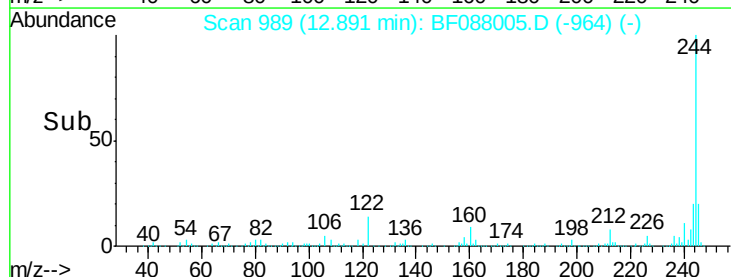
122 14.4 11.2 16.8

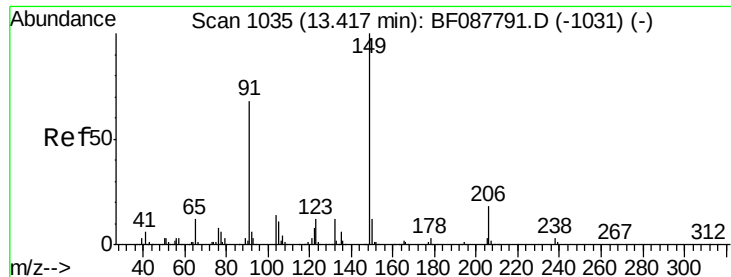


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

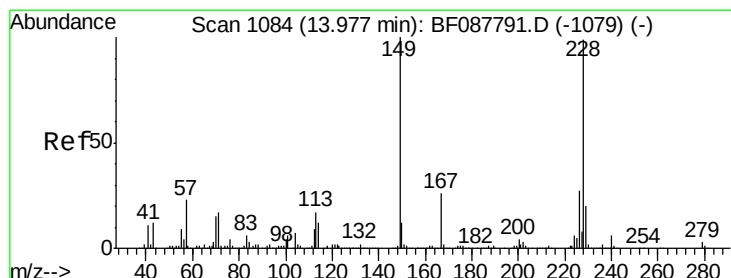
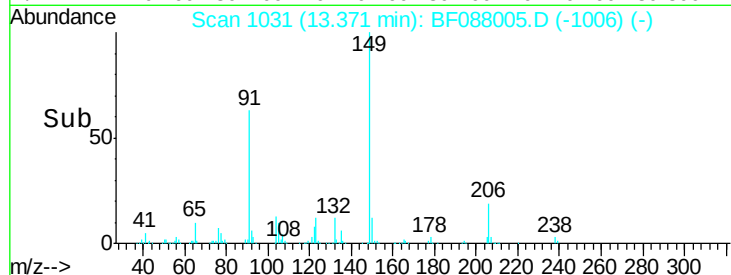
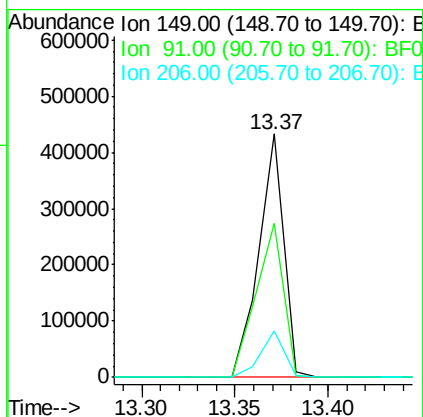
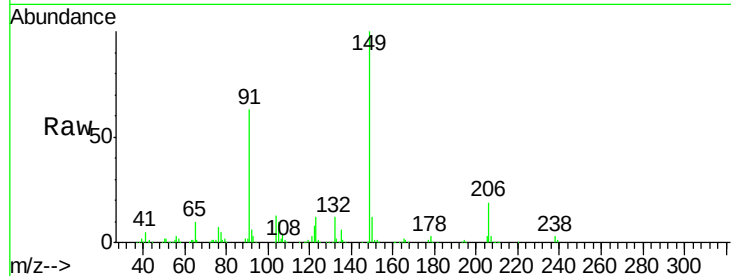




#79
Butylbenzylphthalate
Concen: 42.18 ng
RT: 13.37 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF088005.D
Acq: 14 Jun 2016 16:21

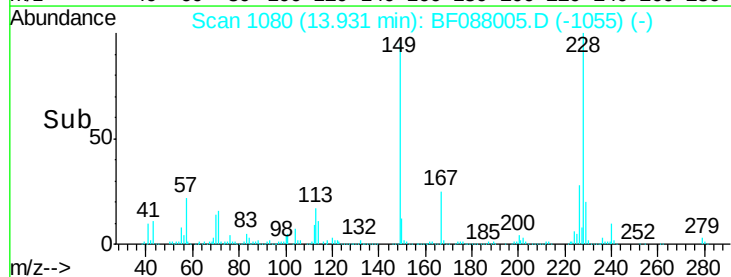
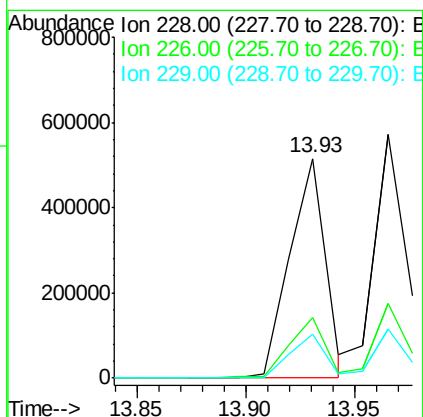
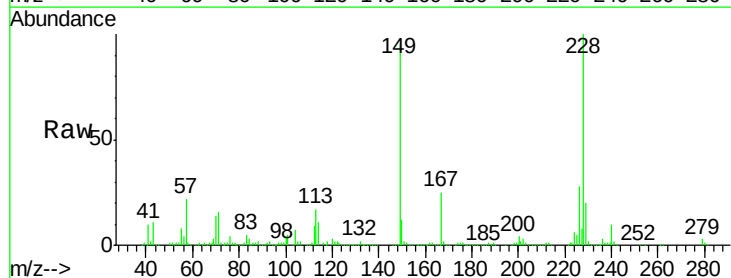
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

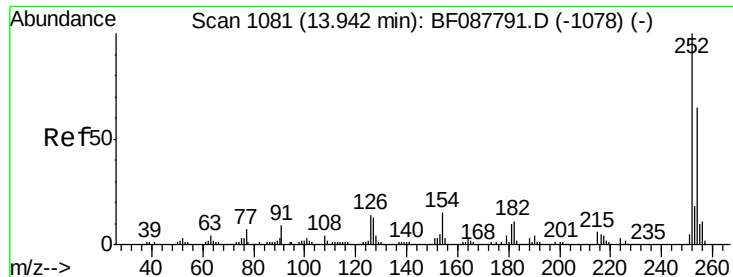
Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.3	48.0	72.0
206	19.0	16.0	24.0



#80
Benzo(a)anthracene
Concen: 35.91 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF088005.D
Acq: 14 Jun 2016 16:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	19.9	16.0	24.0

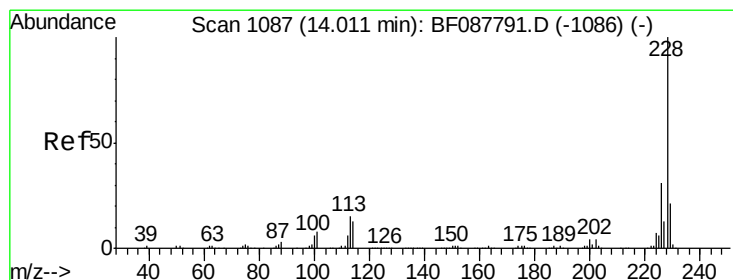
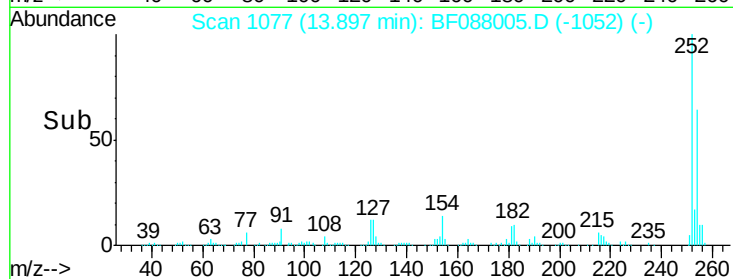
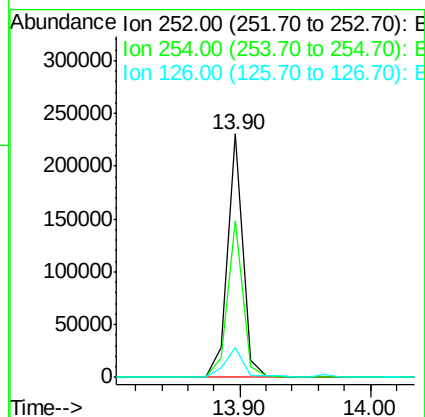
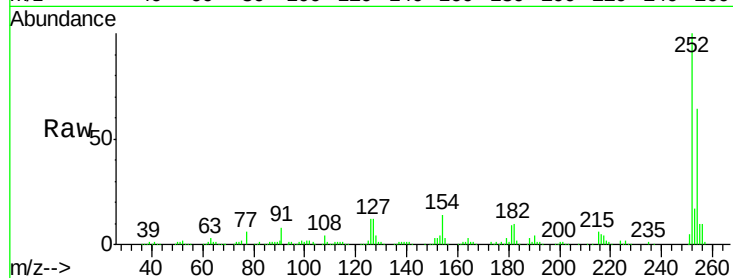




#81
 3,3'-Dichlorobenzidine
 Concen: 43.13 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

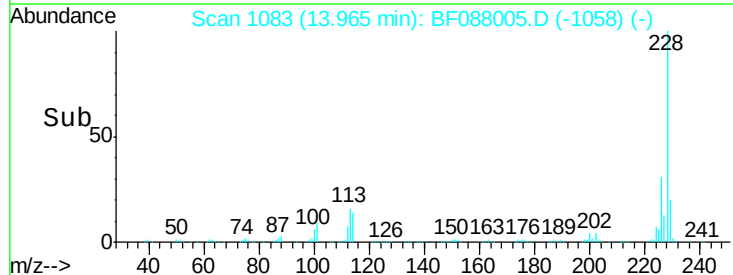
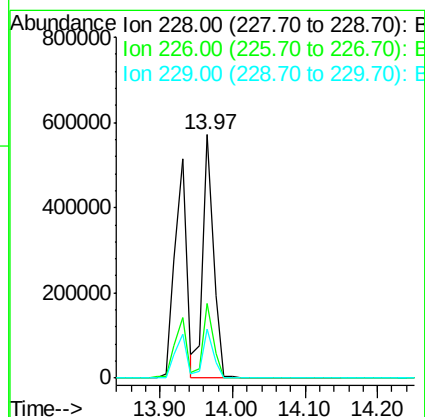
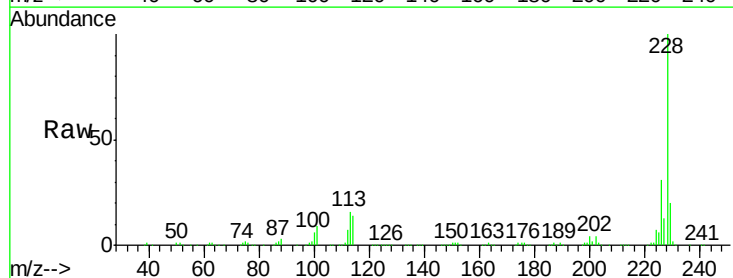
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

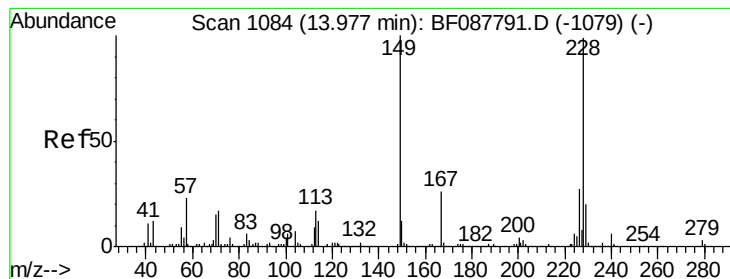
Tgt Ion: 252 Resp: 190558
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.6 78.8
 126 12.1 6.2 9.2#



#82
 Chrysene
 Concen: 37.98 ng
 RT: 13.97 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Tgt Ion: 228 Resp: 587050
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.4 38.2
 229 20.0 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.41 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

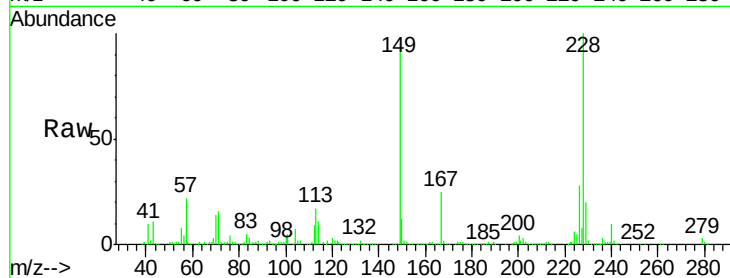
Tgt Ion:149 Resp: 442334

Ion Ratio Lower Upper

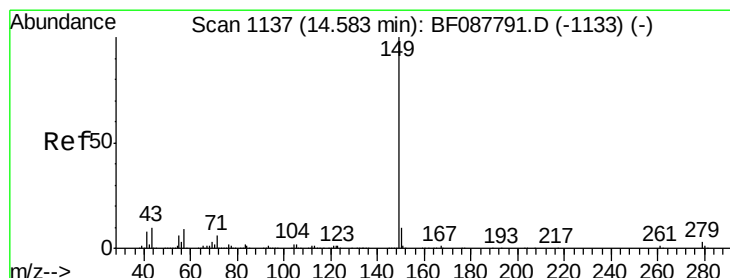
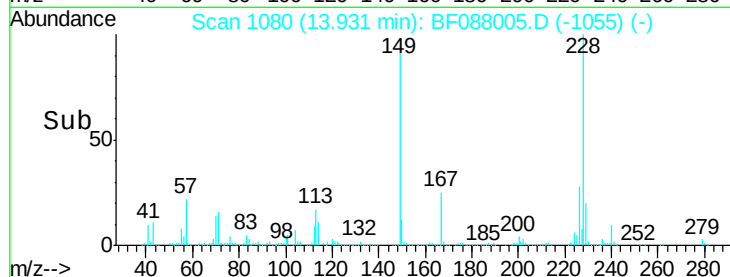
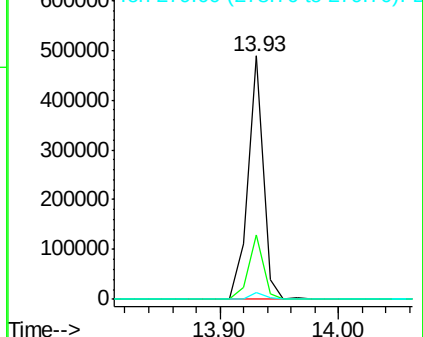
149 100

167 26.4 20.5 30.7

279 3.0 2.0 3.0#



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



#84

Di-n-octyl phthalate

Concen: 41.20 ng

RT: 14.54 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

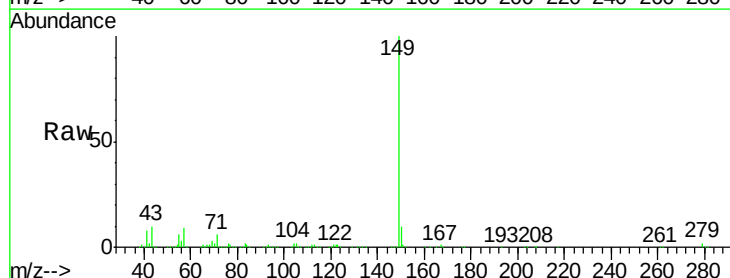
Tgt Ion:149 Resp: 770925

Ion Ratio Lower Upper

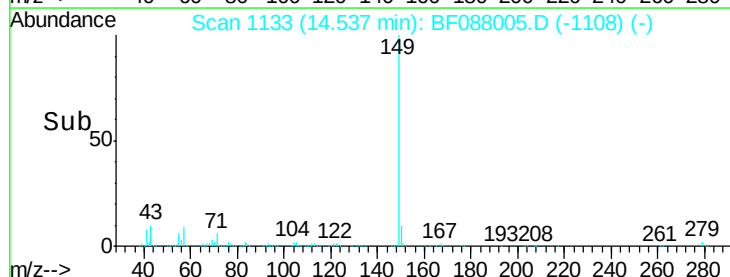
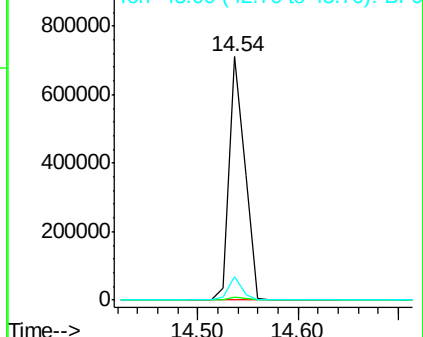
149 100

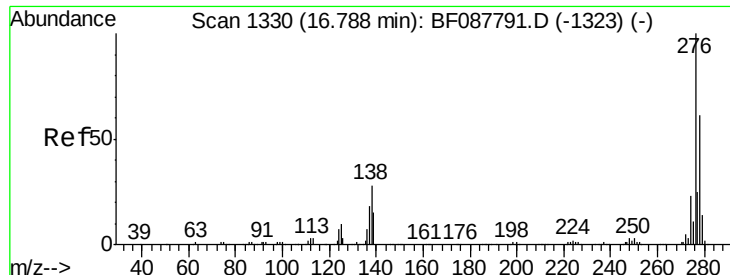
167 1.5 0.0 0.0#

43 8.3 0.0 0.0#



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

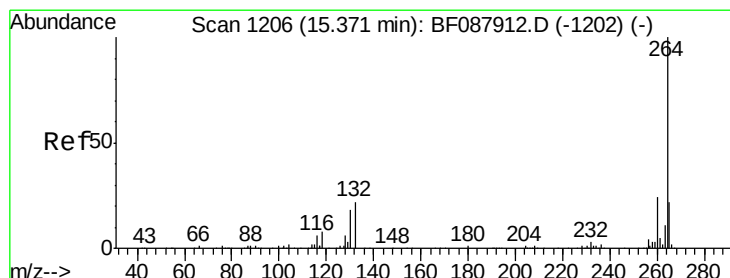
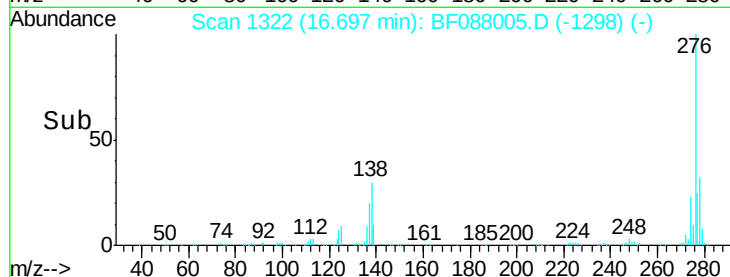
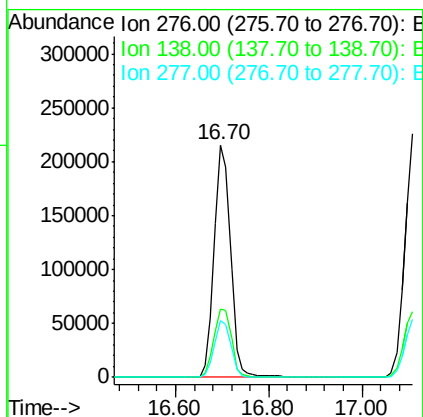
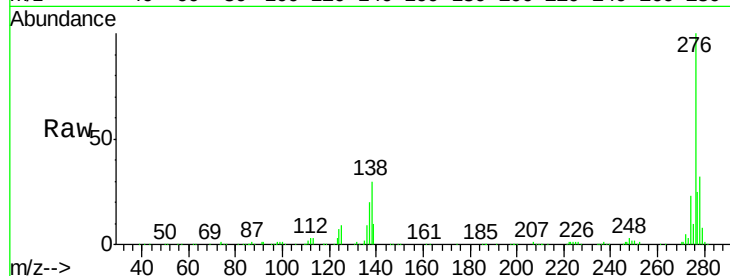




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.89 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

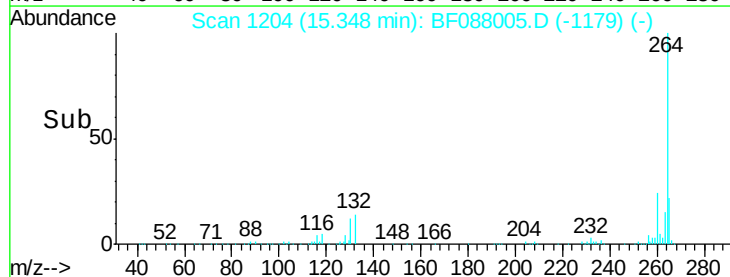
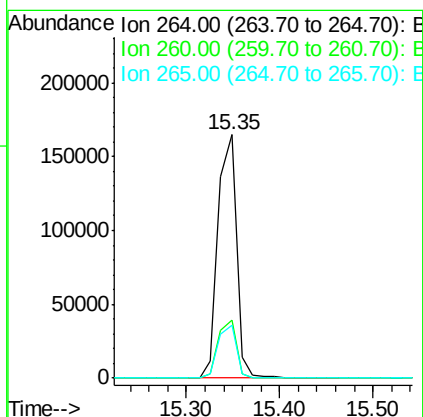
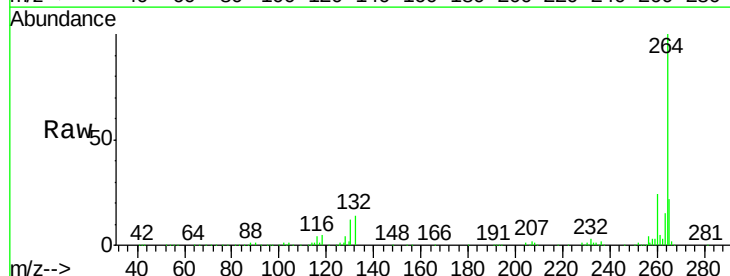
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

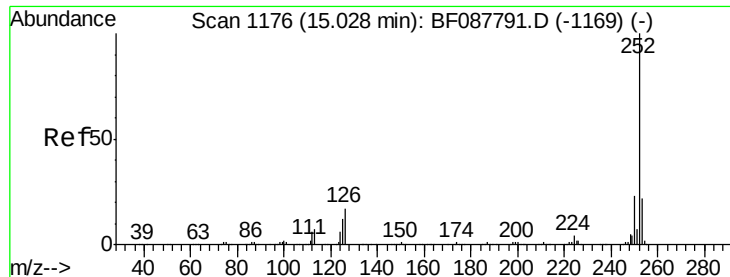
Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.6	0.0	0.0#
277	24.9	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF088005.D
 Acq: 14 Jun 2016 16:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 34.70 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

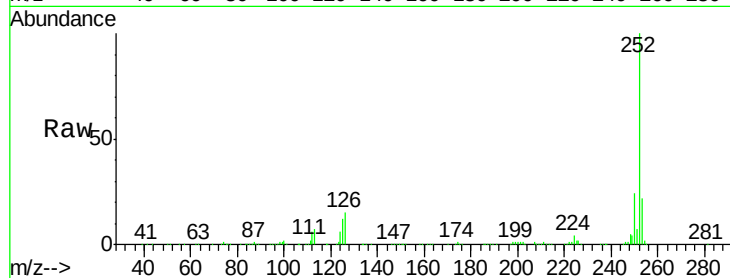
Tgt Ion:252 Resp: 551136

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

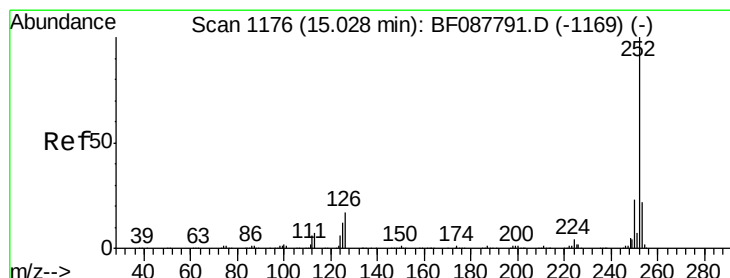
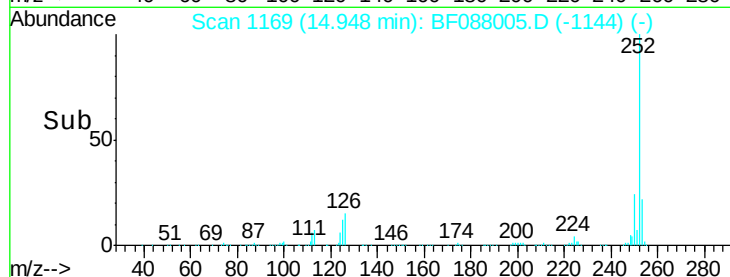
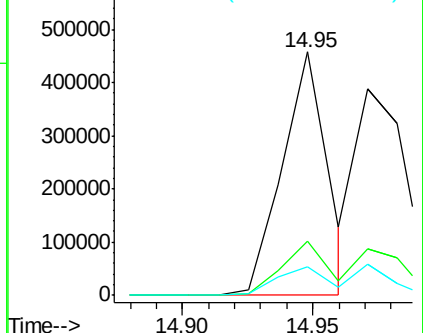
125 11.6 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.00 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

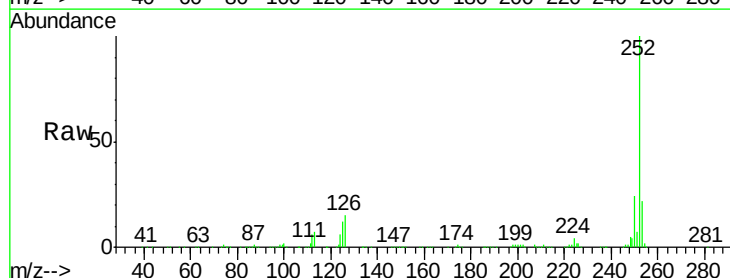
Tgt Ion:252 Resp: 551136

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

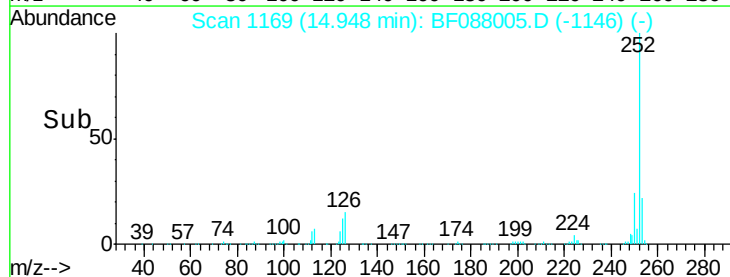
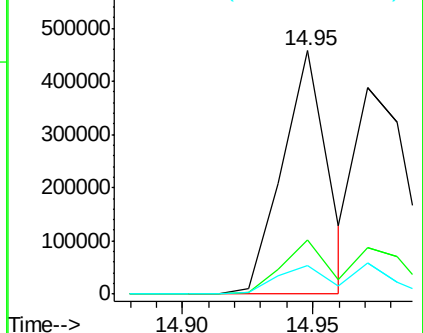
125 11.6 11.2 16.8

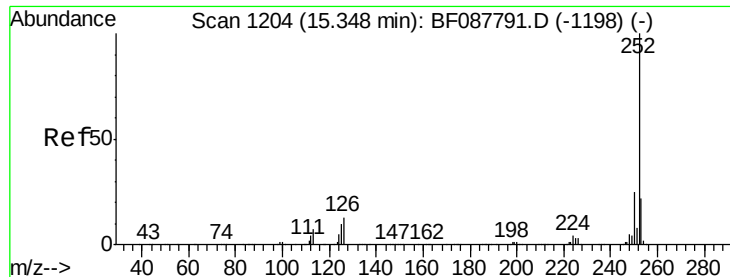


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.86 ng

RT: 15.29 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

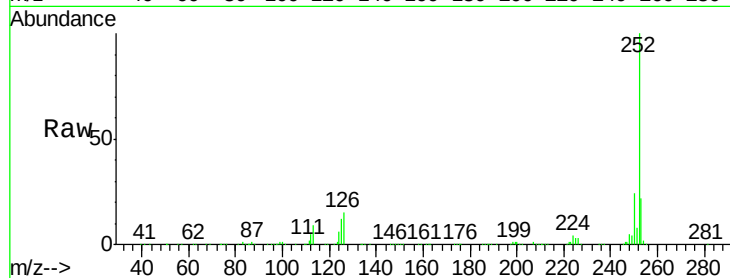
Tgt Ion:252 Resp: 499354

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

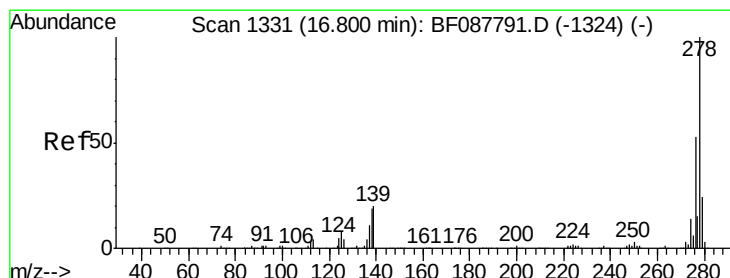
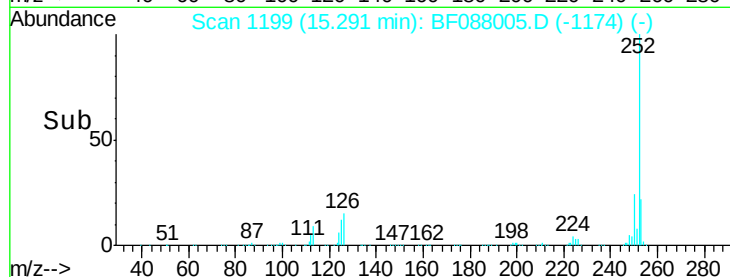
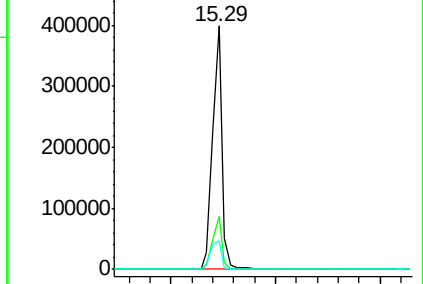
125 11.9 12.5 18.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.40 ng

RT: 16.72 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

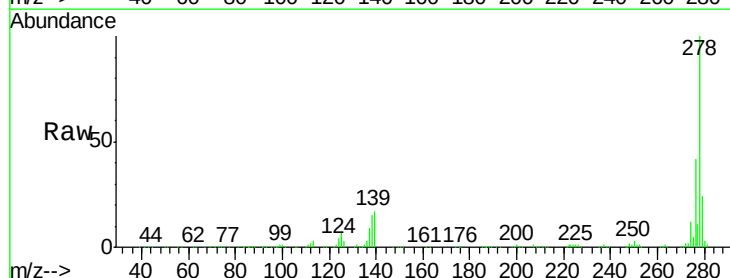
Tgt Ion:278 Resp: 434461

Ion Ratio Lower Upper

278 100

139 17.3 15.7 23.5

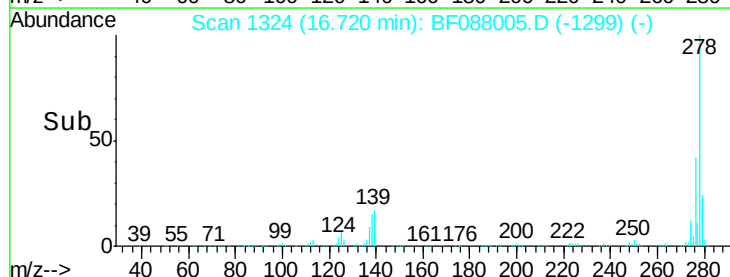
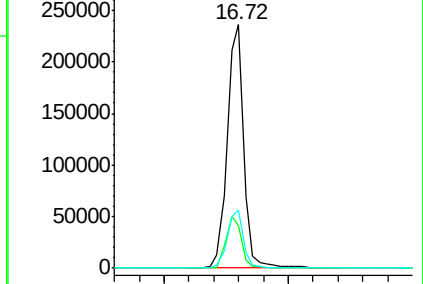
279 23.7 19.4 29.2

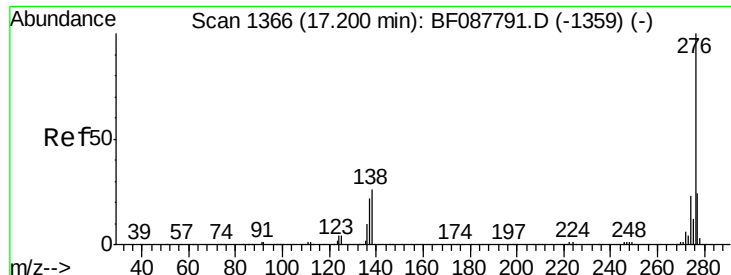


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.84 ng

RT: 17.11 min Scan# 1358

Delta R.T. -0.02 min

Lab File: BF088005.D

Acq: 14 Jun 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

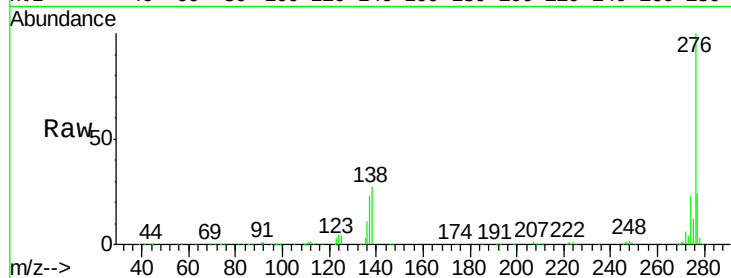
Tgt Ion: 276 Resp: 464579

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 27.2 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

