

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
 Data File : BF084747.D
 Acq On : 2 Feb 2016 10:44
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 03 00:15:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	157268	20.00	ng	-0.02
21) Naphthalene-d8	7.98	136	637300	20.00	ng	-0.03
38) Acenaphthene-d10	9.74	164	300636	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	567703	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	387122	20.00	ng	-0.02
86) Perylene-d12	15.23	264	347934	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	811635	80.39	ng	-0.02
7) Phenol-d6	6.35	99	941642	75.23	ng	-0.02
23) Nitrobenzene-d5	7.28	82	942504	83.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	261302	83.33	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	1591187	91.47	ng	-0.02
78) Terphenyl-d14	12.81	244	1513596	88.60	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.18	88	169887	38.41	ng	# 79
3) Pyridine	2.86	79	514848	44.68	ng	# 75
4) n-Nitrosodimethylamine	2.81	42	230308	38.64	ng	# 79
6) Aniline	6.36	93	597262	38.99	ng	# 75
8) 2-Chlorophenol	6.49	128	470704	41.19	ng	# 96
9) Benzaldehyde	6.25	77	299459	40.51	ng	# 89
10) Phenol	6.36	94	486529	34.70	ng	# 48
11) bis(2-Chloroethyl)ether	6.44	93	407517	37.27	ng	# 83
12) 1,3-Dichlorobenzene	6.88	146	434076	35.95	ng	# 98
13) 1,4-Dichlorobenzene	6.72	146	478052	39.60	ng	# 95
14) 1,2-Dichlorobenzene	6.88	146	434112	38.61	ng	# 95
15) Benzyl Alcohol	6.85	79	336093	38.88	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	6.99	45	703203	38.23	ng	# 86
17) 2-Methylphenol	6.98	107	368774	40.80	ng	# 91
18) Hexachloroethane	7.21	117	179261	38.56	ng	# 89
19) n-Nitroso-di-n-propylamine	7.13	70	299574	38.18	ng	# 74
20) 3+4-Methylphenols	7.13	107	443093	39.50	ng	# 66
22) Acetophenone	7.12	105	636337	37.88	ng	# 97
24) Nitrobenzene	7.29	77	429427	35.45	ng	# 92
25) Isophorone	7.54	82	871775	39.63	ng	# 96
26) 2-Nitrophenol	7.61	139	240169	40.20	ng	# 86
27) 2,4-Dimethylphenol	7.66	122	392802	37.79	ng	# 87
28) bis(2-Chloroethoxy)methane	7.74	93	477971	36.62	ng	# 99
29) 2,4-Dichlorophenol	7.86	162	370118	41.62	ng	# 95
30) 1,2,4-Trichlorobenzene	7.93	180	375324	37.37	ng	# 97
31) Naphthalene	8.01	128	1154671	36.12	ng	# 99
32) Benzoic acid	7.78	122	211785	31.86	ng	# 93
33) 4-Chloroaniline	8.06	127	470985	35.62	ng	# 98
34) Hexachlorobutadiene	8.13	225	233340	40.29	ng	# 98
35) Caprolactam	8.44	113	106243	38.76	ng	# 47
36) 4-Chloro-3-methylphenol	8.56	107	372194	36.69	ng	# 92
37) 2-Methylnaphthalene	8.70	142	824428	41.21	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	358655	37.56	ng	# 98
40) Hexachlorocyclopentadiene	8.85	237	139596	41.55	ng	# 96

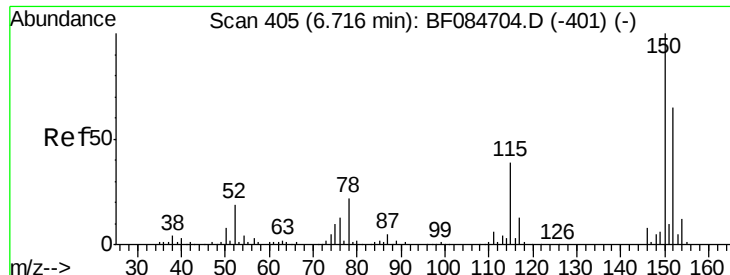
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	245056	39.84	ng	90
43) 2,4,5-Trichlorophenol	9.02	196	241543	38.65	ng #	83
45) 1,1'-Biphenyl	9.17	154	1045563	38.94	ng	94
46) 2-Chloronaphthalene	9.18	162	752949	38.08	ng	97
47) 2-Nitroaniline	9.29	65	225089	35.95	ng	98
48) Acenaphthylene	9.61	152	1169622	38.98	ng	99
49) Dimethylphthalate	9.48	163	918125	40.10	ng #	91
50) 2,6-Dinitrotoluene	9.54	165	212831	42.55	ng	92
51) Acenaphthene	9.78	154	745711	38.20	ng	98
52) 3-Nitroaniline	9.70	138	198621	35.34	ng	97
53) 2,4-Dinitrophenol	9.81	184	72552	34.95	ng #	83
54) Dibenzofuran	9.95	168	931707	39.05	ng	96
55) 4-Nitrophenol	9.88	139	171585	41.54	ng	93
56) 2,4-Dinitrotoluene	9.94	165	274909	43.09	ng #	94
57) Fluorene	10.28	166	771595	38.72	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	182266	38.31	ng	92
59) Diethylphthalate	10.17	149	866580	38.76	ng	98
60) 4-Chlorophenyl-phenylether	10.28	204	359026	42.48	ng	94
61) 4-Nitroaniline	10.32	138	230713	42.12	ng	92
62) Azobenzene	10.44	77	892909	41.53	ng	92
64) 4,6-Dinitro-2-methylphenol	10.34	198	118379	33.79	ng #	49
65) n-Nitrosodiphenylamine	10.41	169	753168	41.78	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	265255	42.30	ng	96
67) Hexachlorobenzene	10.83	284	253064	37.04	ng #	86
68) Atrazine	10.93	200	195712	34.38	ng	98
69) Pentachlorophenol	11.02	266	113352	35.30	ng	98
70) Phenanthrene	11.24	178	1147154	36.43	ng	98
71) Anthracene	11.30	178	1306857	41.19	ng	100
72) Carbazole	11.46	167	1127874	40.77	ng	98
73) Di-n-butylphthalate	11.79	149	1275621	36.22	ng #	97
74) Fluoranthene	12.43	202	1304519	40.93	ng	94
76) Benzidine	12.56	184	616918	46.37	ng	98
77) Pyrene	12.66	202	1273516	42.97	ng	99
79) Butylbenzylphthalate	13.29	149	565614	42.07	ng #	90
80) Benzo(a)anthracene	13.84	228	975935	40.62	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	389010	45.73	ng	95
82) Chrysene	13.88	228	973926	41.80	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	656856	39.26	ng #	97
84) Di-n-octyl phthalate	14.45	149	1021349	37.00	ng #	90
85) Indeno(1,2,3-cd)pyrene	16.53	276	841708	45.90	ng	99
87) Benzo(b)fluoranthene	14.88	252	1617922	69.21	ng	99
88) Benzo(k)fluoranthene	14.88	252	1617922	83.70	ng #	96
89) Benzo(a)pyrene	15.17	252	758454	38.08	ng	98
90) Dibenzo(a,h)anthracene	16.55	278	688402	41.06	ng	96
91) Benzo(g,h,i)perylene	16.92	276	711359	42.12	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

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BNA_F

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SSTDCCC040

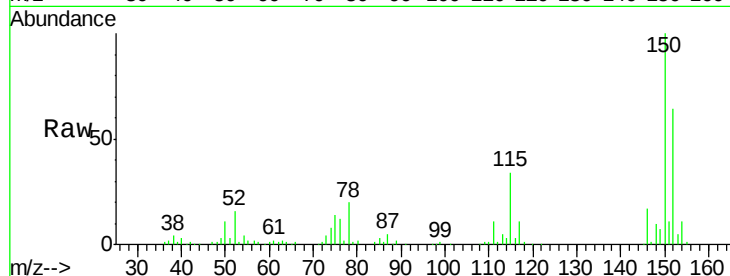
Tgt Ion:152 Resp: 157268

Ion Ratio Lower Upper

152 100

150 156.7 123.0 184.4

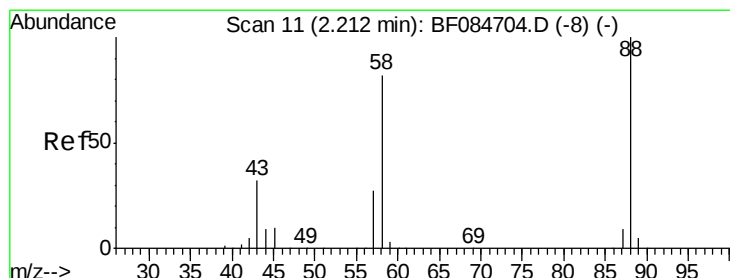
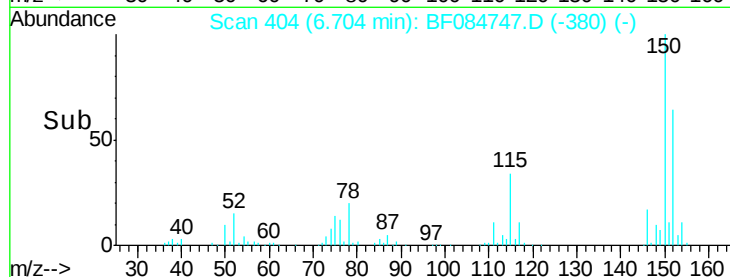
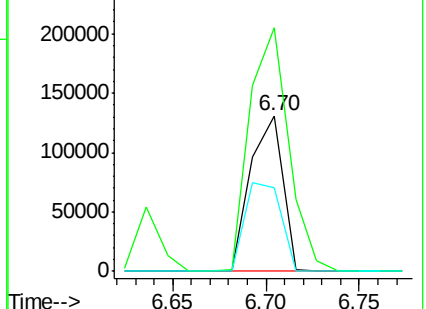
115 53.7 51.4 77.2



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: 38.41 ng

RT: 2.18 min Scan# 8

Delta R.T. -0.05 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

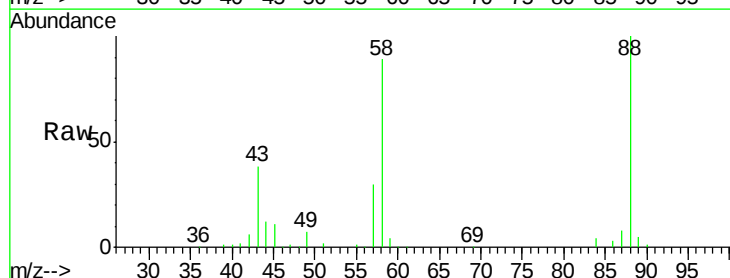
Tgt Ion: 88 Resp: 169887

Ion Ratio Lower Upper

88 100

58 81.6 51.2 76.8#

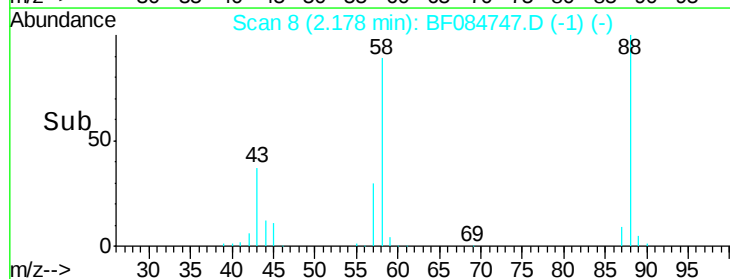
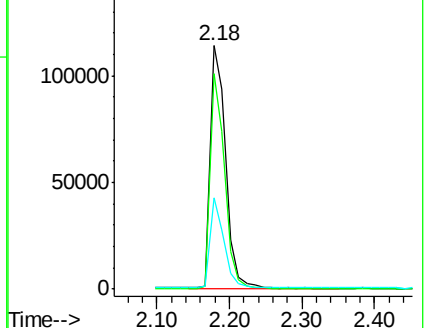
43 32.3 19.5 29.3#

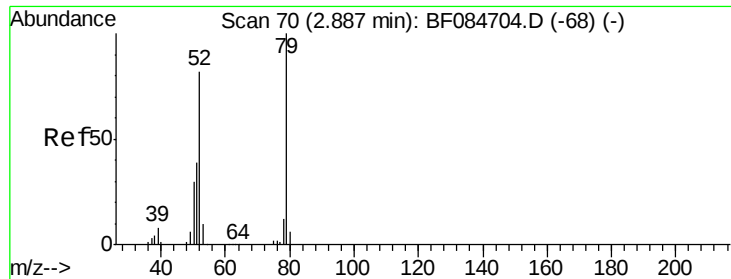


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 44.68 ng

RT: 2.86 min Scan# 68

Delta R.T. -0.05 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

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ClientSampleId :

SSTDCCC040

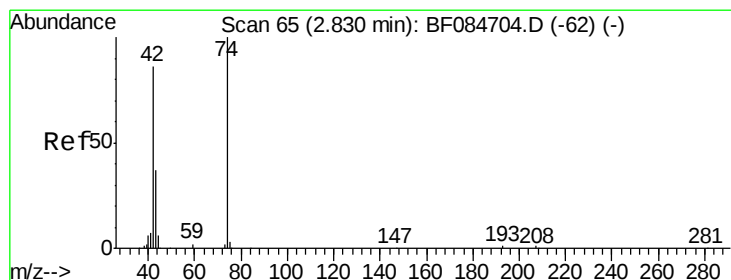
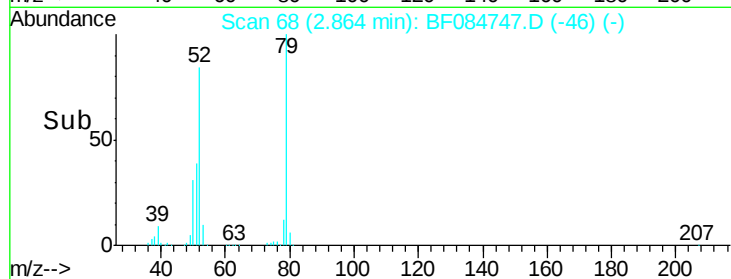
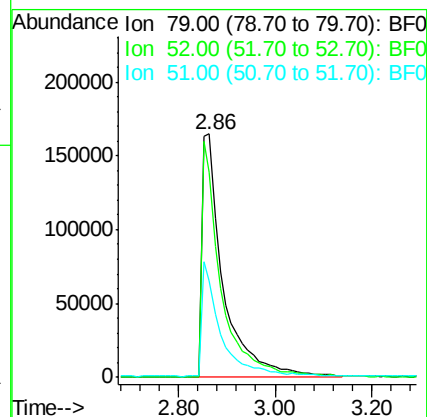
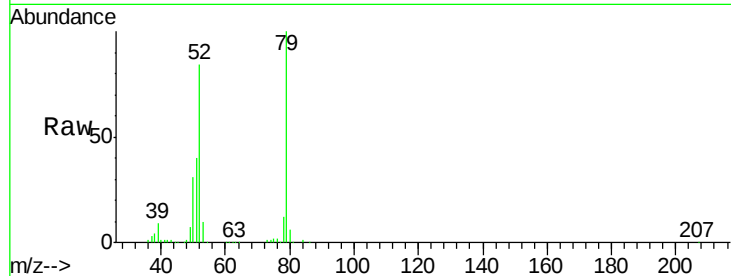
Tgt Ion: 79 Resp: 514848

Ion Ratio Lower Upper

79 100

52 84.4 49.0 73.4#

51 39.7 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 38.64 ng

RT: 2.81 min Scan# 63

Delta R.T. -0.05 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

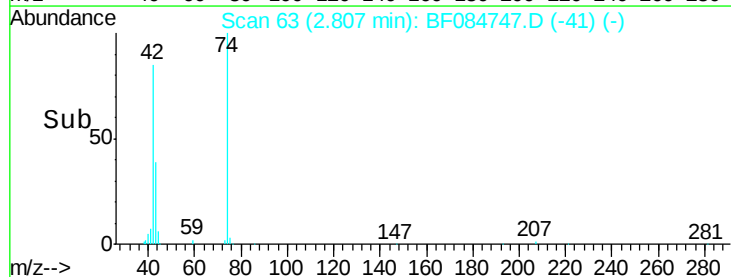
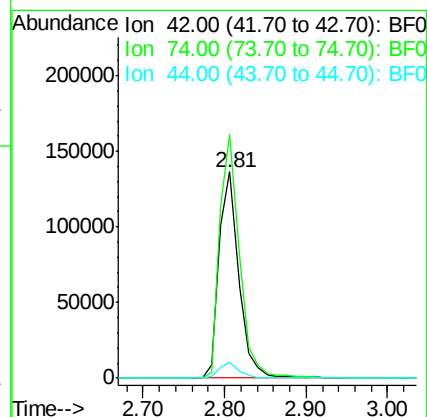
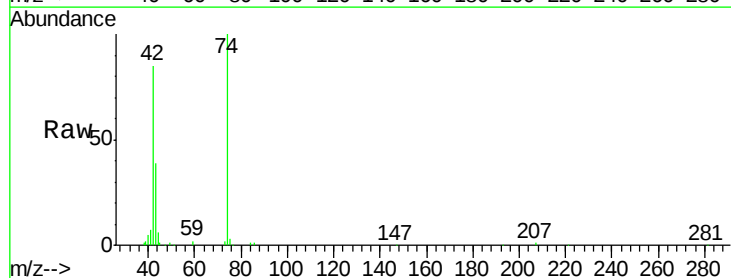
Tgt Ion: 42 Resp: 230308

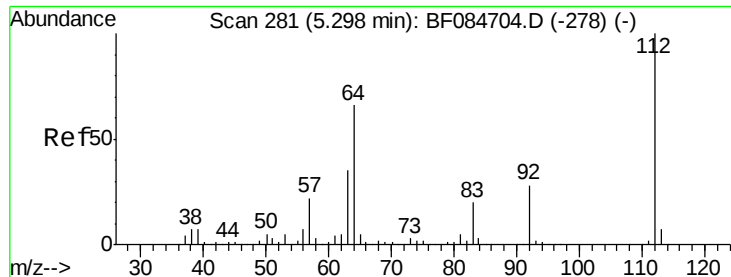
Ion Ratio Lower Upper

42 100

74 118.1 115.7 173.5

44 7.6 5.1 7.7





#5

2-Fluorophenol

Concen: 80.39 ng

RT: 5.29 min Scan# 280

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

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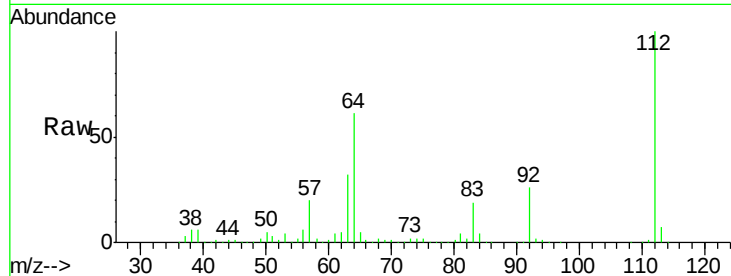
Tgt Ion: 112 Resp: 811635

Ion Ratio Lower Upper

112 100

64 60.6 36.6 55.0#

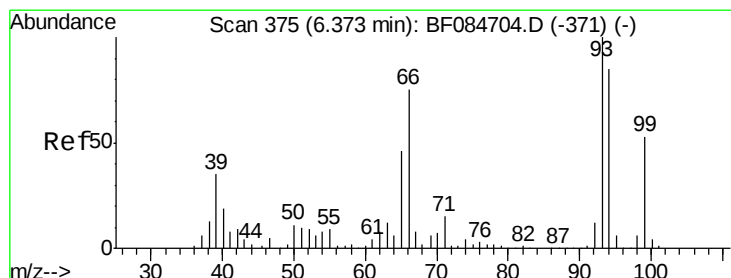
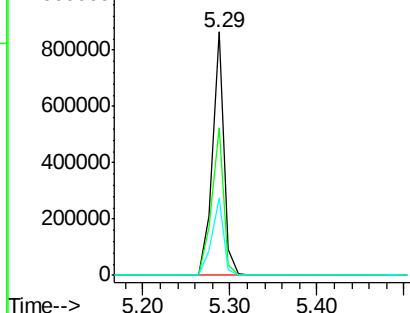
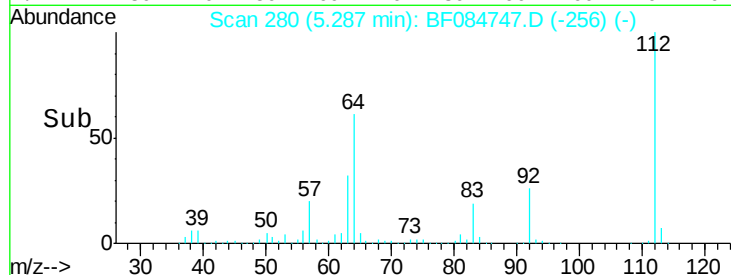
63 31.8 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.99 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

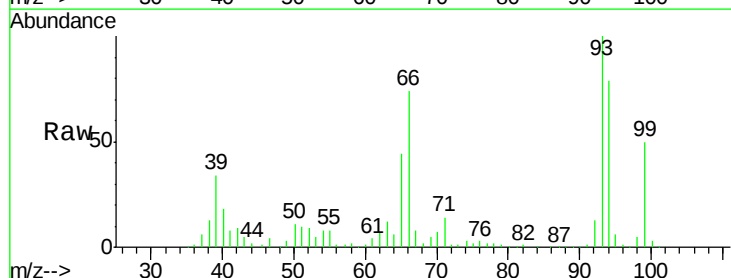
Tgt Ion: 93 Resp: 597262

Ion Ratio Lower Upper

93 100

66 73.8 44.9 67.3#

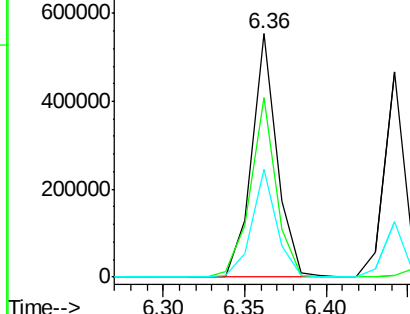
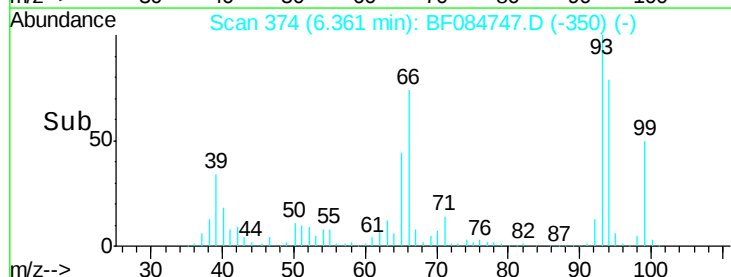
65 44.4 23.7 35.5#

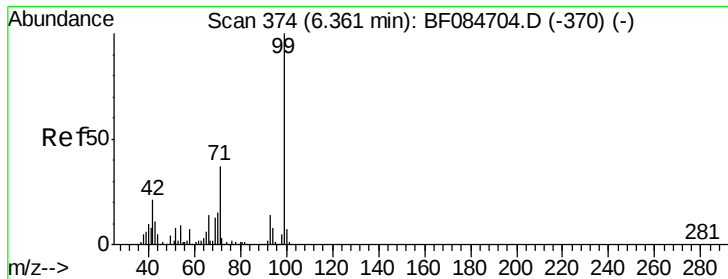


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.23 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

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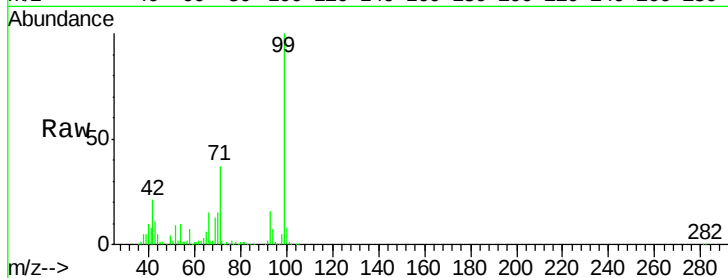
Tgt Ion: 99 Resp: 941642

Ion Ratio Lower Upper

99 100

42 20.8 12.8 19.2#

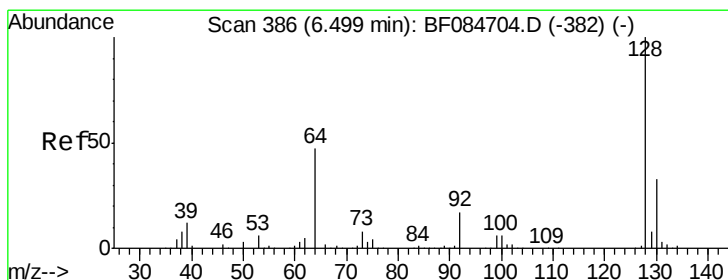
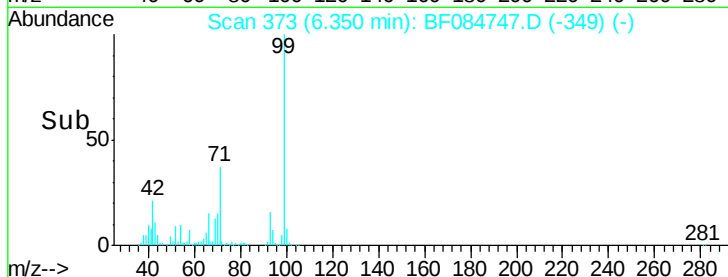
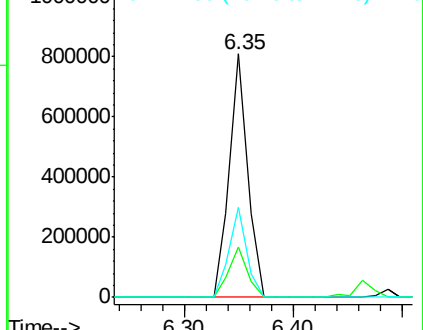
71 37.0 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.19 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF084747.D

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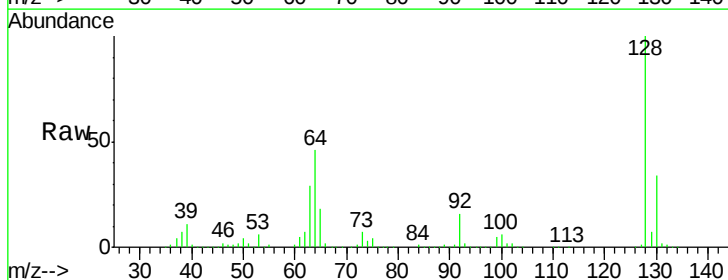
Tgt Ion: 128 Resp: 470704

Ion Ratio Lower Upper

128 100

130 33.5 11.6 51.6

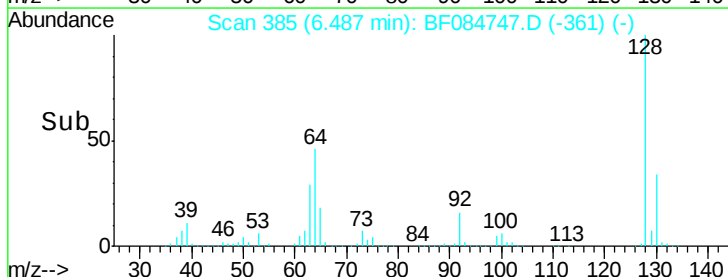
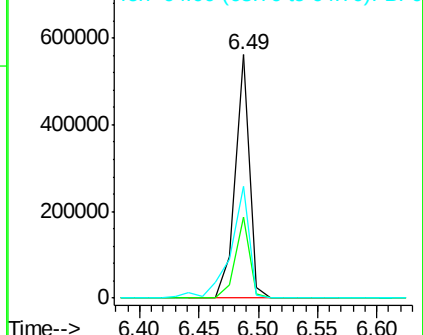
64 46.1 23.8 63.8

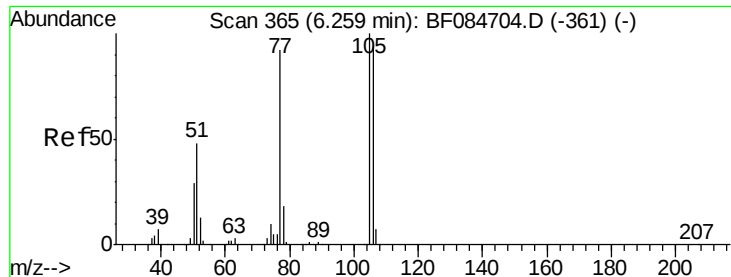


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.51 ng

RT: 6.25 min Scan# 364

Delta R.T. -0.02 min

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Acq: 2 Feb 2016 10:44

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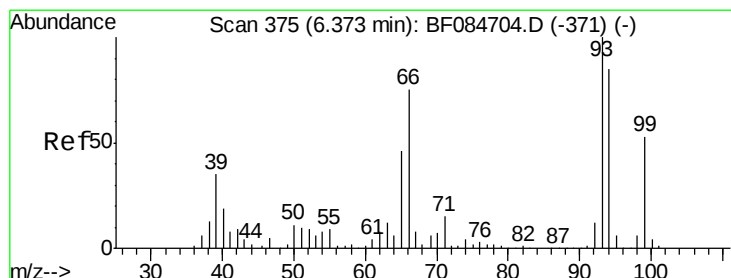
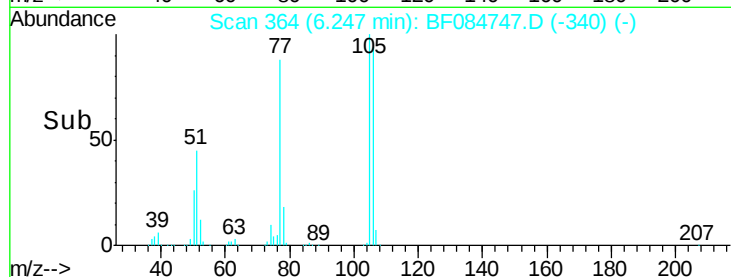
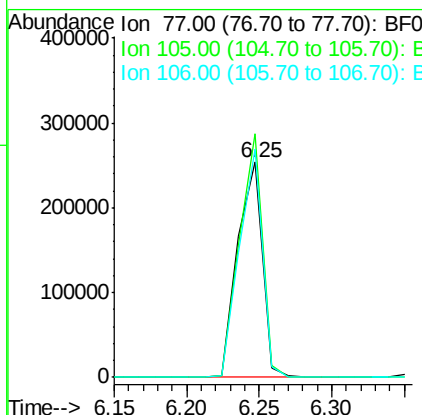
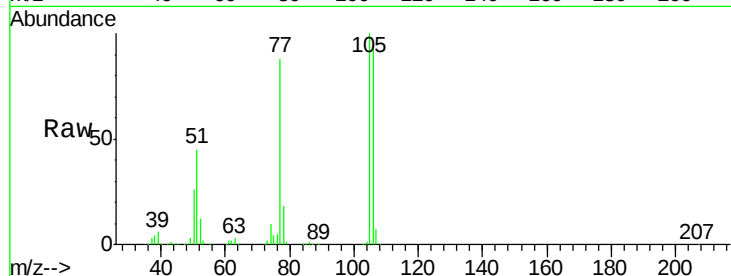
Tgt Ion: 77 Resp: 299459

Ion Ratio Lower Upper

77 100

105 113.0 83.0 123.0

106 106.1 74.6 114.6



#10

Phenol

Concen: 34.70 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

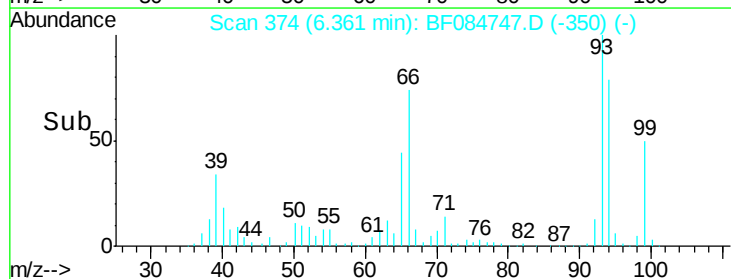
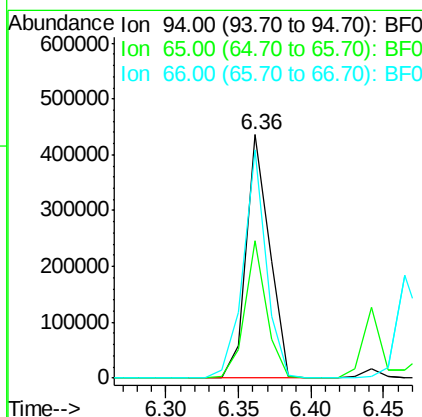
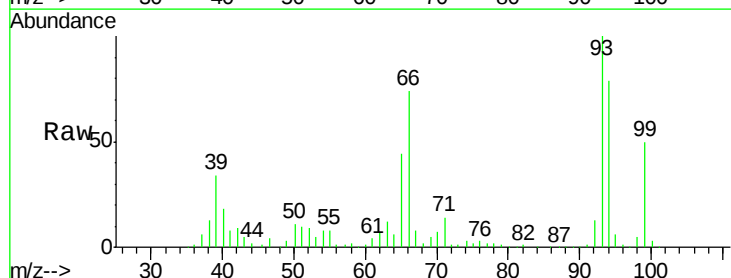
Tgt Ion: 94 Resp: 486529

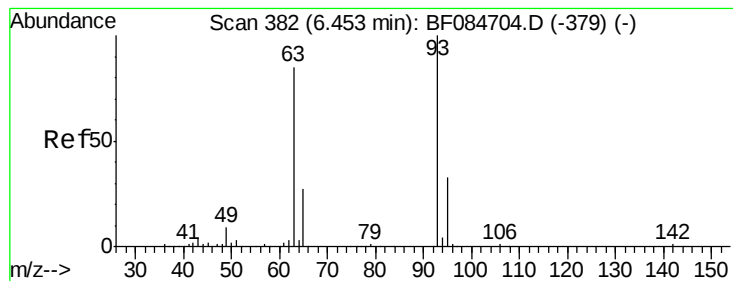
Ion Ratio Lower Upper

94 100

65 56.4 12.9 52.9#

66 93.7 32.7 72.7#





#11

bis(2-Chloroethyl)ether

Concen: 37.27 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

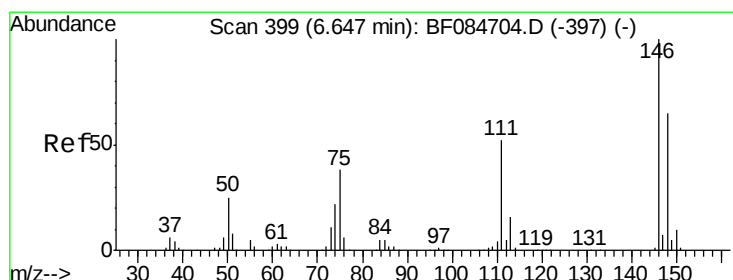
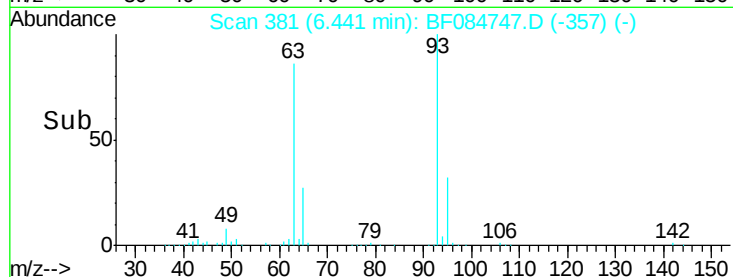
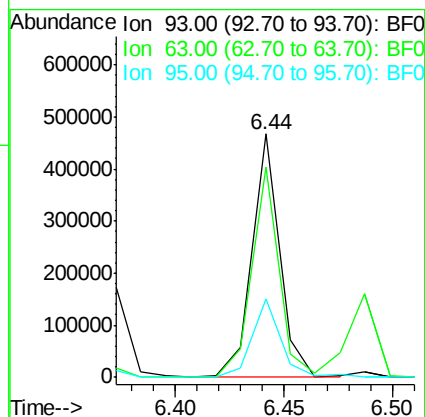
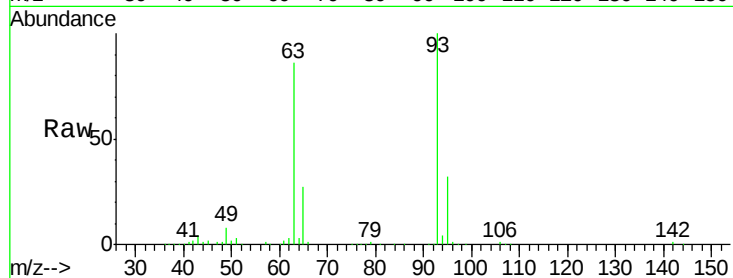
Tgt Ion: 93 Resp: 407517

Ion Ratio Lower Upper

93 100

63 86.3 45.9 85.9#

95 32.3 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 35.95 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.22 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

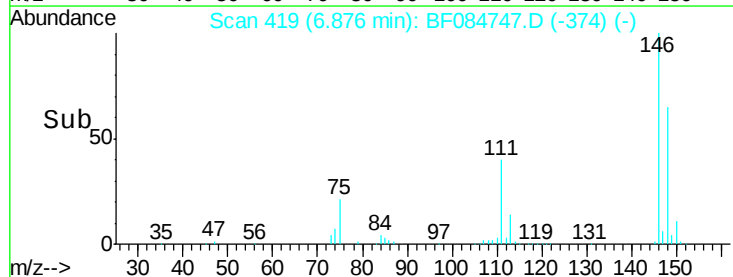
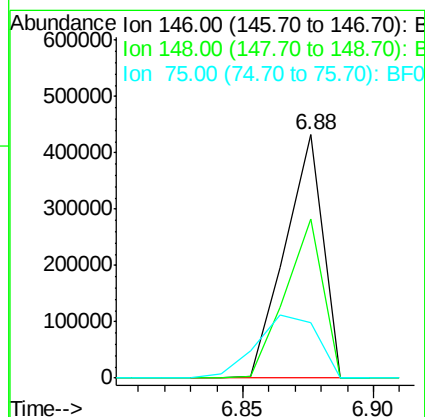
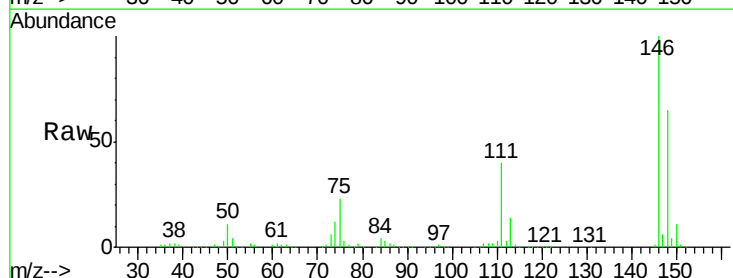
Tgt Ion: 146 Resp: 434076

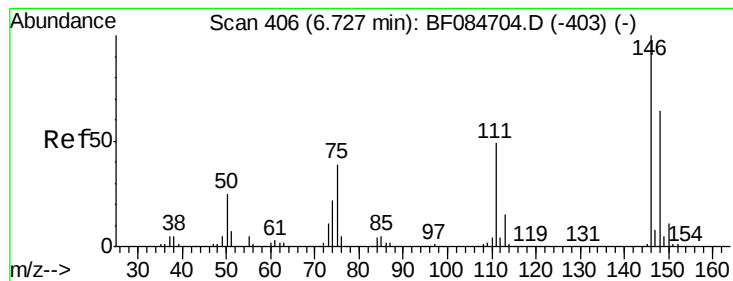
Ion Ratio Lower Upper

146 100

148 65.2 51.9 77.9

75 22.6 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 39.60 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

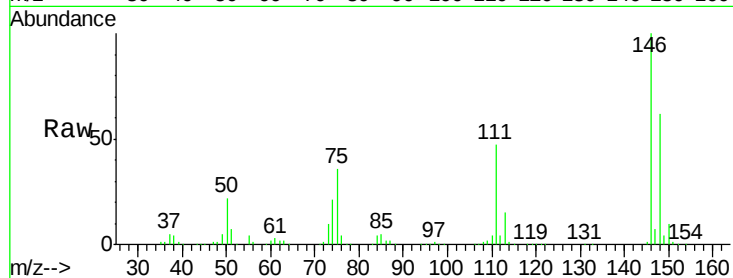
Tgt Ion:146 Resp: 478052

Ion Ratio Lower Upper

146 100

148 62.5 51.9 77.9

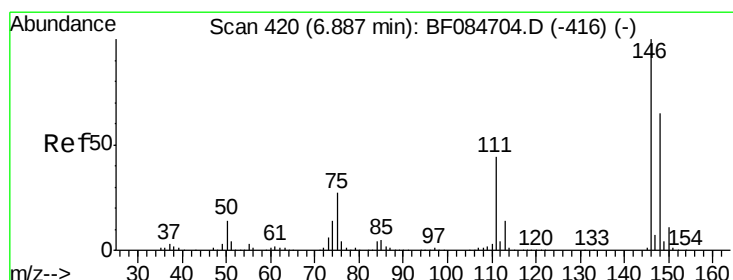
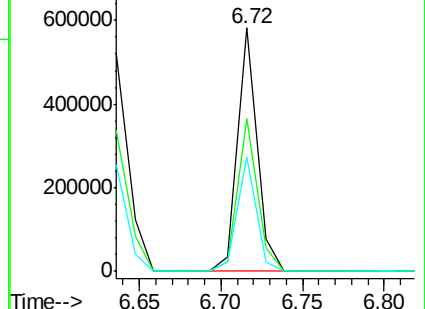
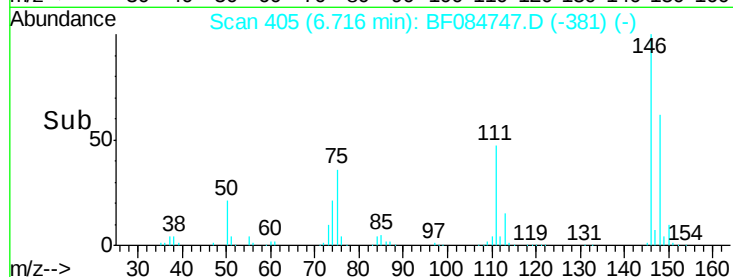
111 47.0 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.61 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

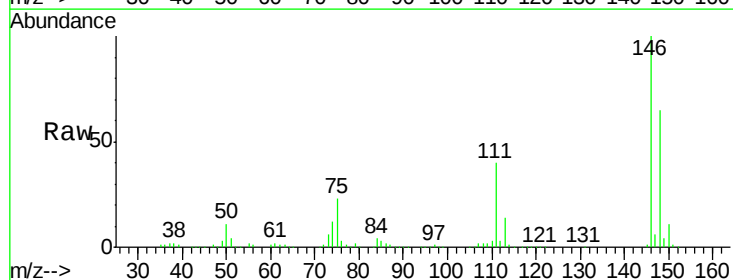
Tgt Ion:146 Resp: 434112

Ion Ratio Lower Upper

146 100

148 65.2 51.6 77.4

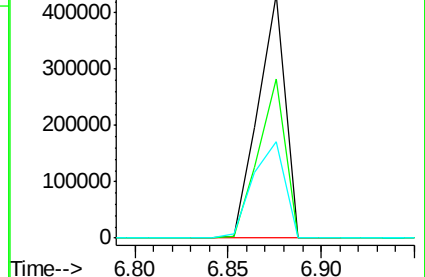
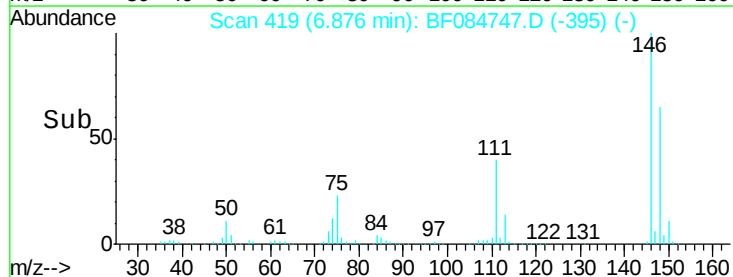
111 39.6 38.0 57.0

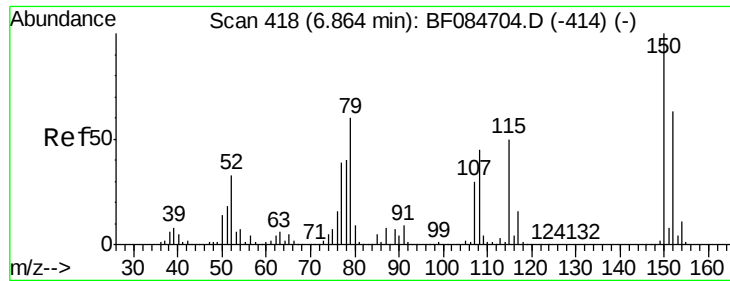


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

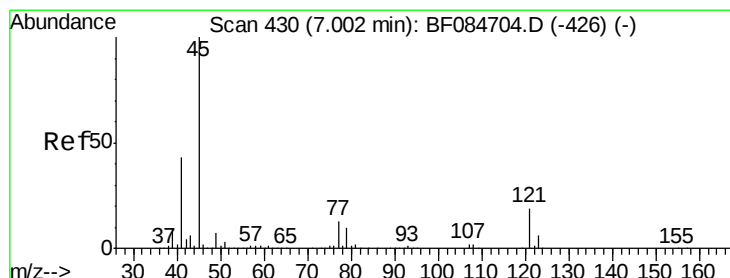
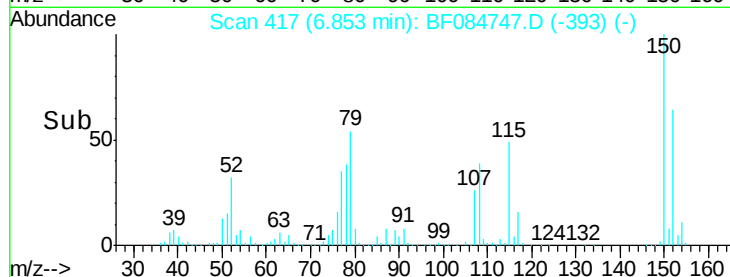
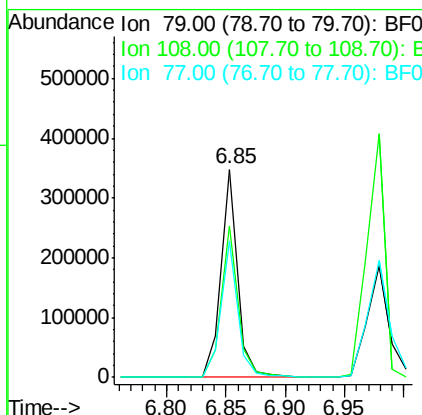
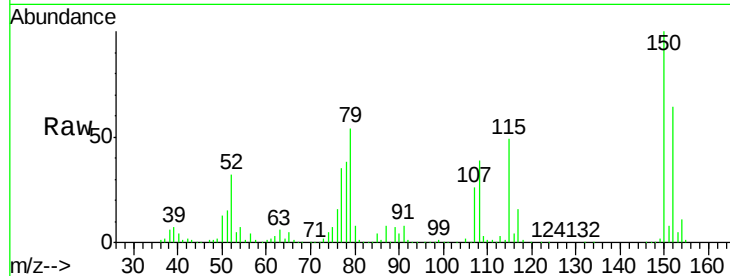




#15
Benzyl Alcohol
Concen: 38.88 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

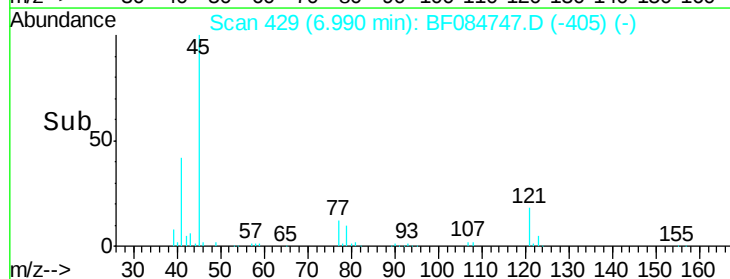
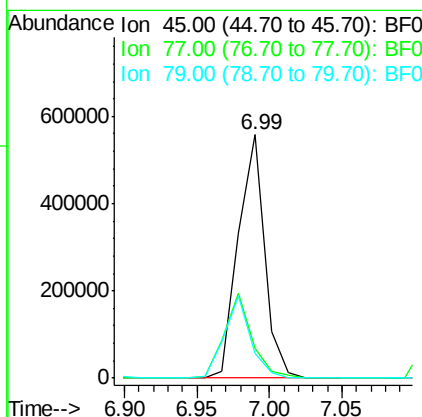
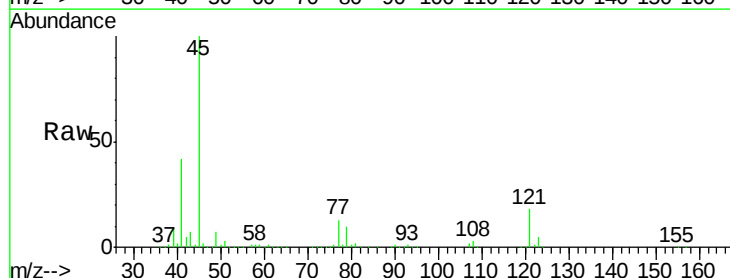
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

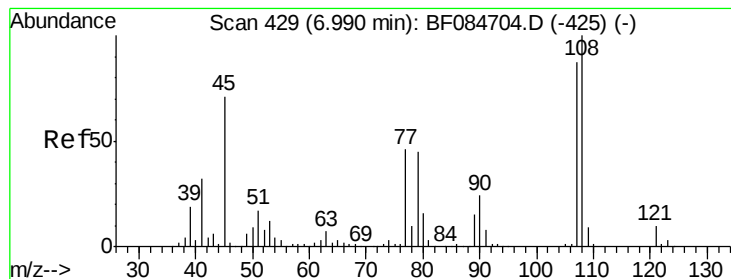
Tgt Ion: 79 Resp: 336093
Ion Ratio Lower Upper
79 100
108 72.6 69.0 103.4
77 65.3 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.23 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Tgt Ion: 45 Resp: 703203
Ion Ratio Lower Upper
45 100
77 12.5 0.0 39.6
79 10.3 0.0 35.0





#17

2-Methylphenol

Concen: 40.80 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 368774

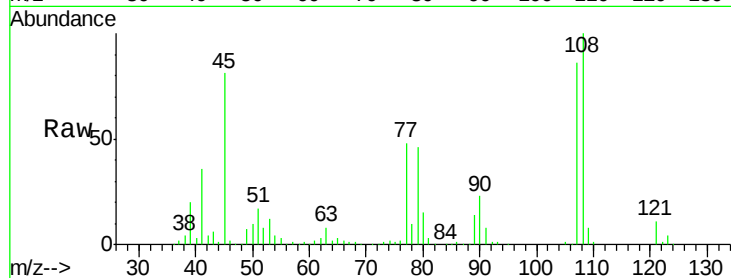
Ion Ratio Lower Upper

107 100

108 116.2 89.8 134.6

77 55.9 35.7 53.5#

79 53.5 35.7 53.5

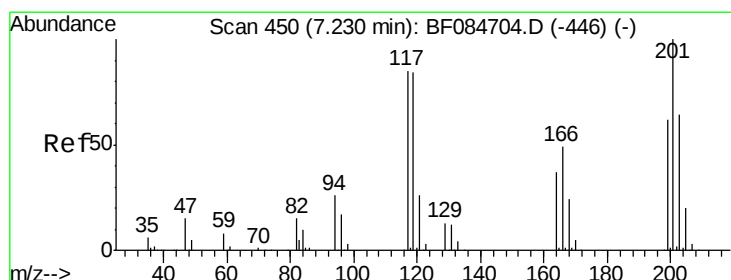
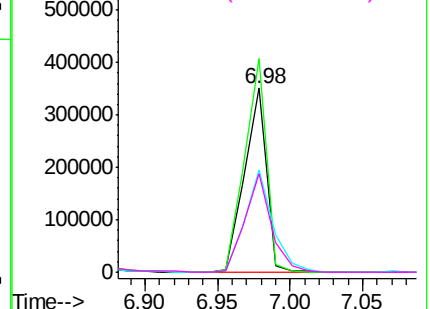
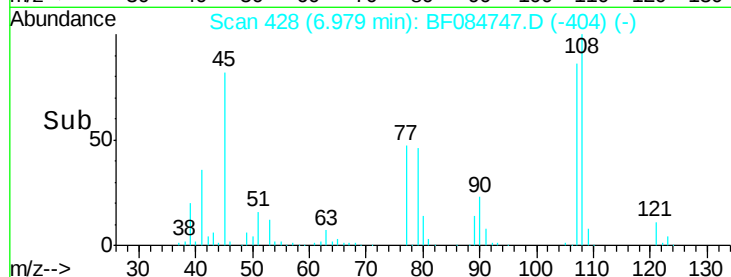


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.56 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.03 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

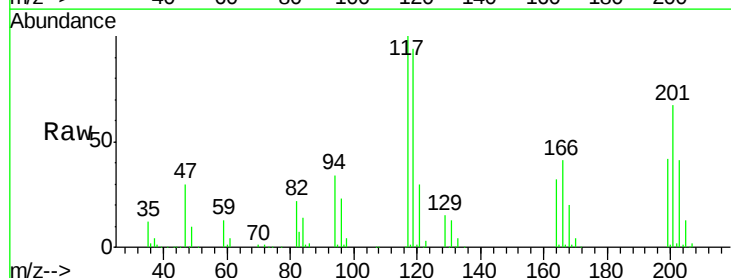
Tgt Ion:117 Resp: 179261

Ion Ratio Lower Upper

117 100

119 93.9 77.4 116.0

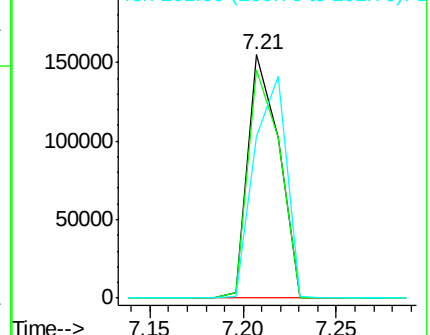
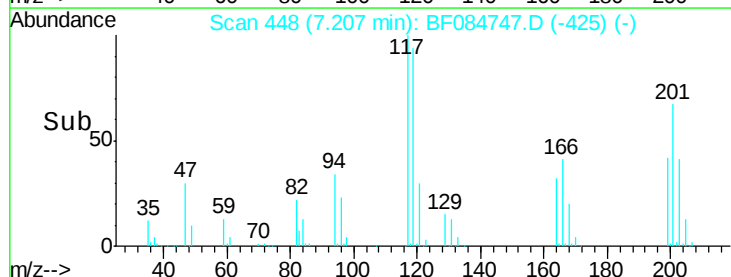
201 66.6 68.6 103.0#

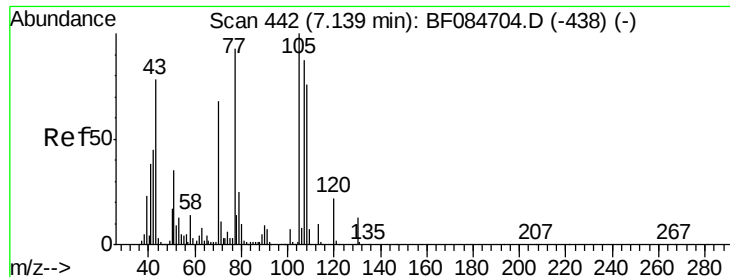


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

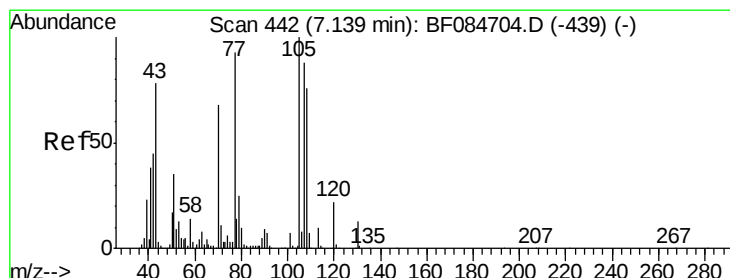
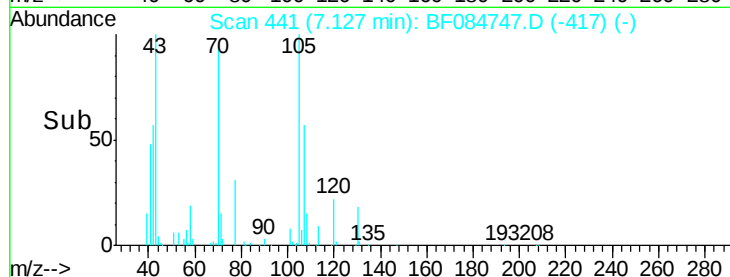
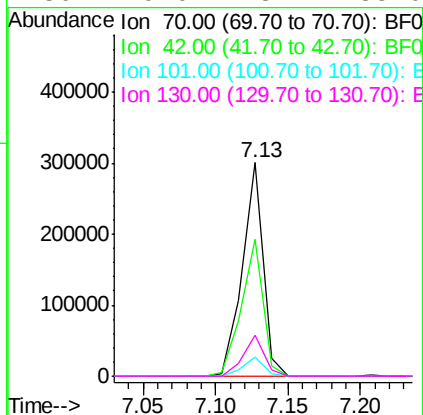
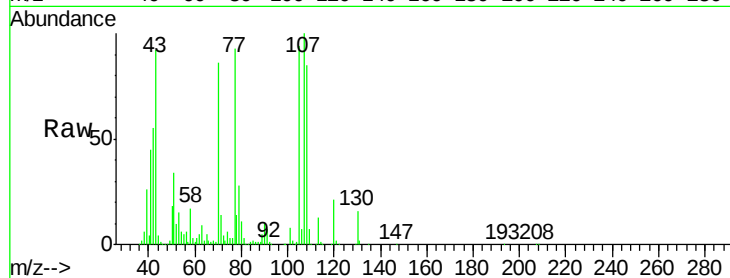




#19
n-Nitroso-di-n-propylamine
Concen: 38.18 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

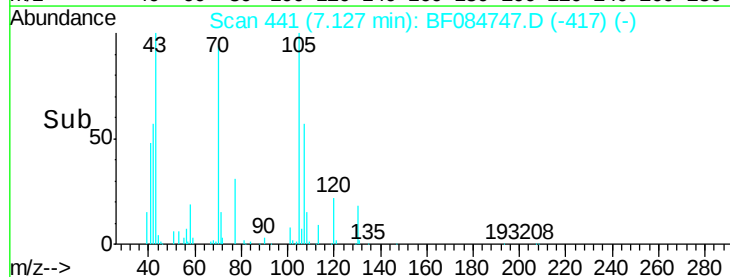
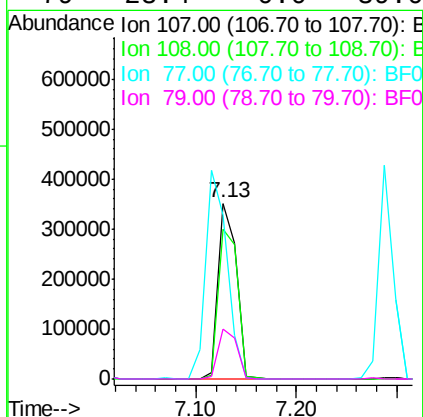
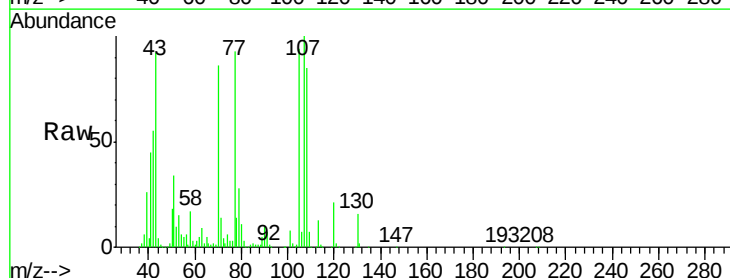
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

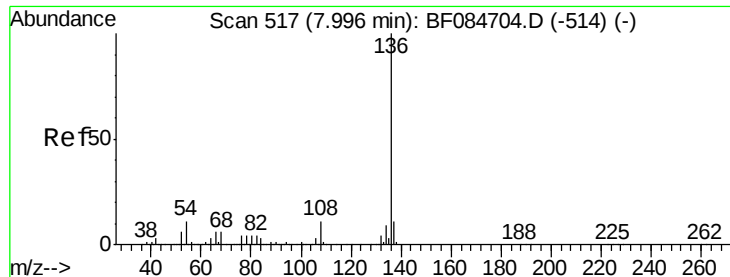
Tgt Ion:	70	Resp:	299574
Ion	Ratio	Lower	Upper
70	100		
42	64.3	33.3	49.9#
101	9.3	9.3	13.9#
130	19.0	23.4	35.0#



#20
3+4-Methylphenols
Concen: 39.50 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Tgt Ion:	107	Resp:	443093
Ion	Ratio	Lower	Upper
107	100		
108	85.2	74.6	114.6
77	93.4	0.7	40.7#
79	28.4	0.0	39.0

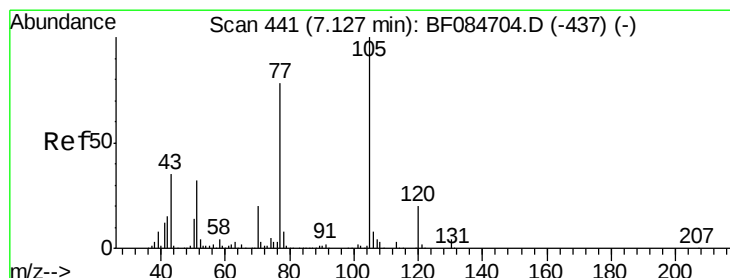
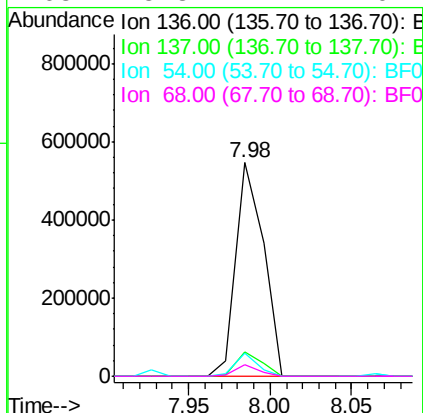
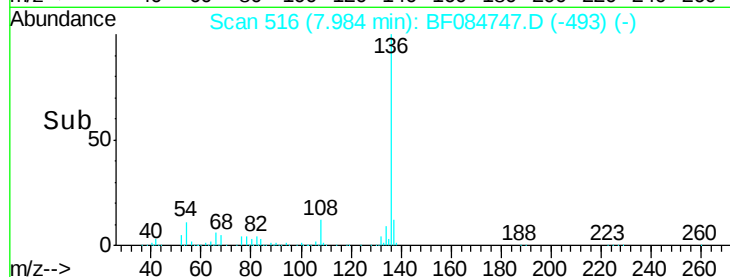
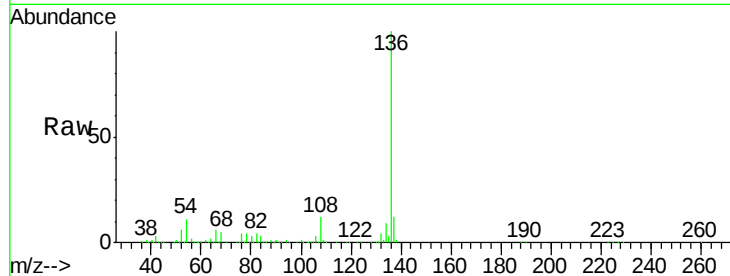




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

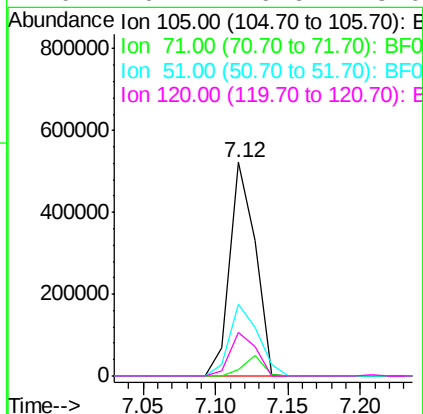
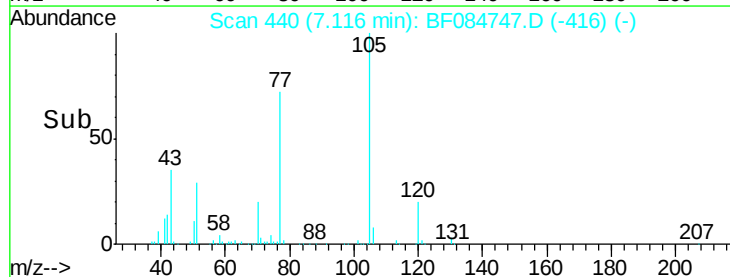
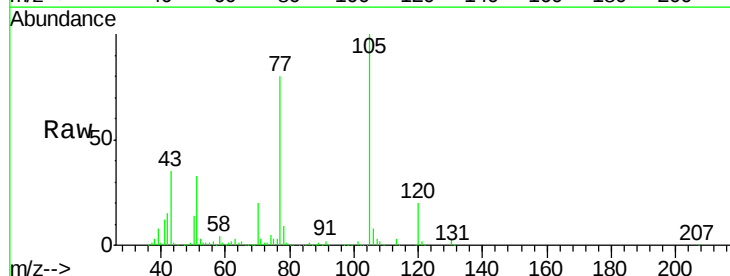
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

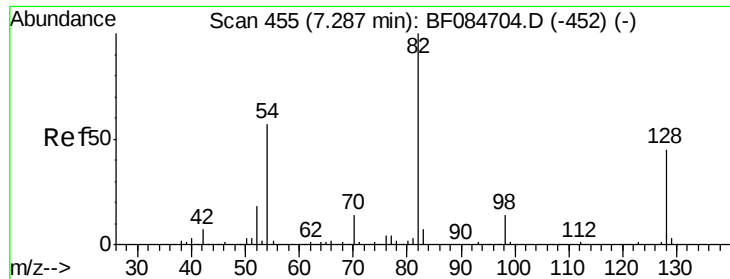
Tgt Ion:	136	Resp:	637300
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.7	13.1
54	10.7	5.8	8.8#
68	5.3	4.2	6.2



#22
Acetophenone
Concen: 37.88 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Tgt Ion:	105	Resp:	636337
Ion Ratio	Lower	Upper	
105	100		
71	3.2	3.7	5.5#
51	33.5	25.1	37.7
120	20.1	16.6	25.0

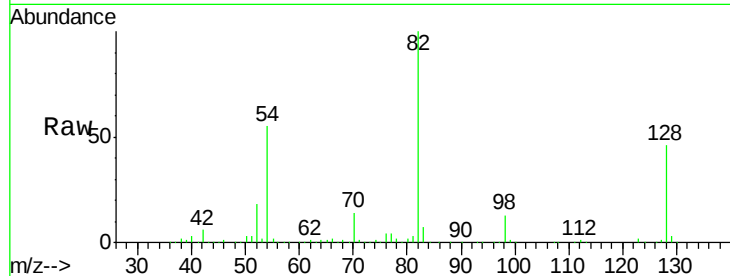




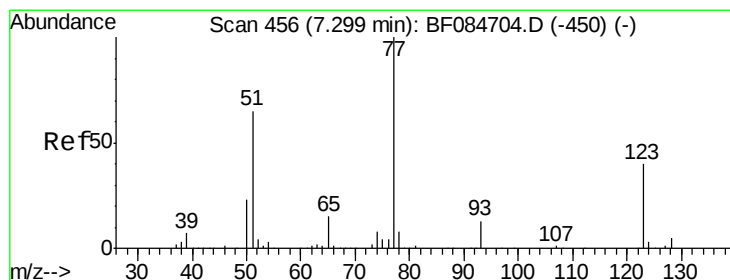
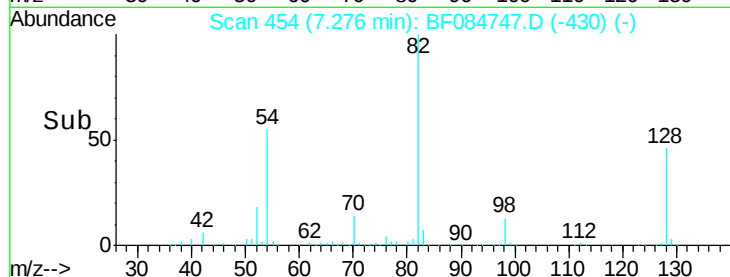
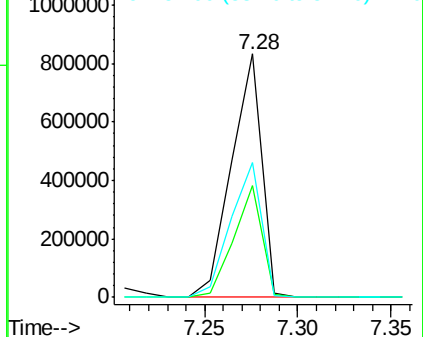
#23
 Nitrobenzene-d5
 Concen: 83.31 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 942504
 Ion Ratio Lower Upper
 82 100
 128 45.8 34.6 51.8
 54 55.4 38.4 57.6

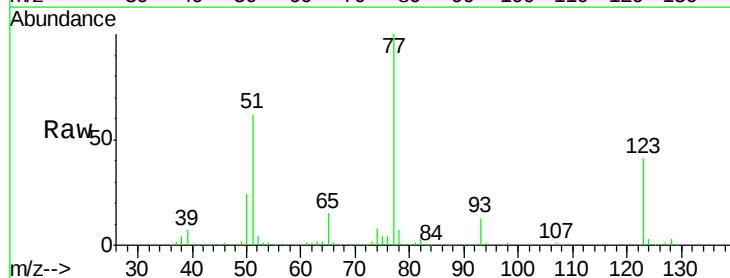


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

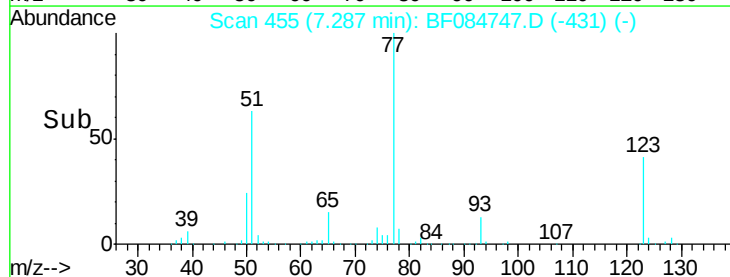
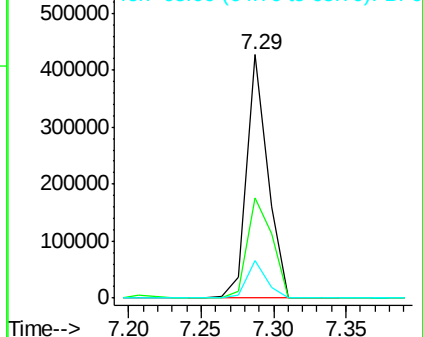


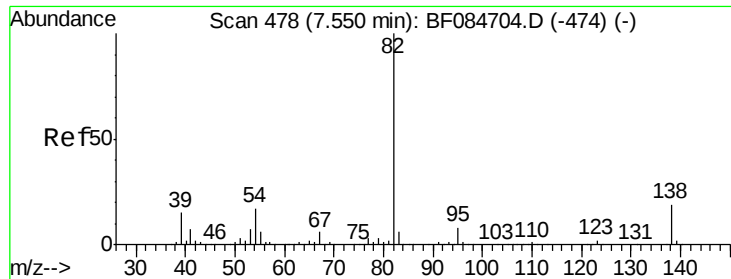
#24
 Nitrobenzene
 Concen: 35.45 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Tgt Ion: 77 Resp: 429427
 Ion Ratio Lower Upper
 77 100
 123 41.1 37.4 56.2
 65 15.2 10.9 16.3



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





#25

Isophorone

Concen: 39.63 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

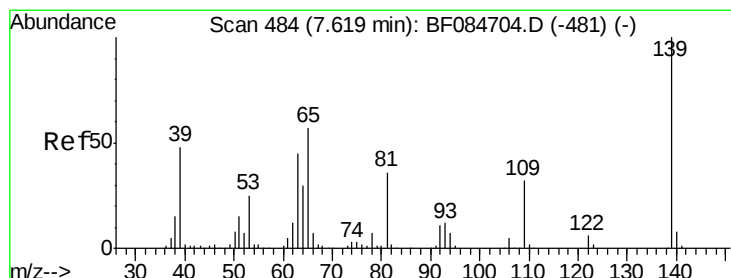
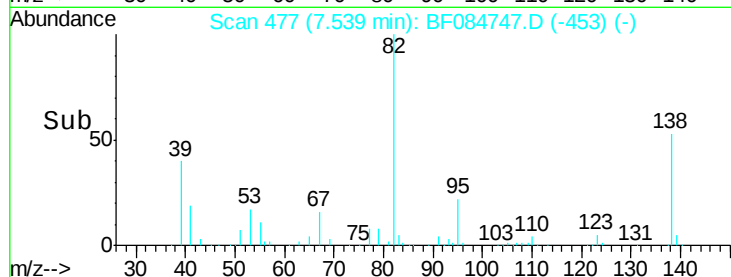
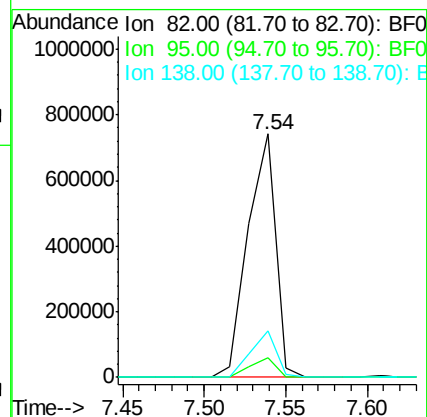
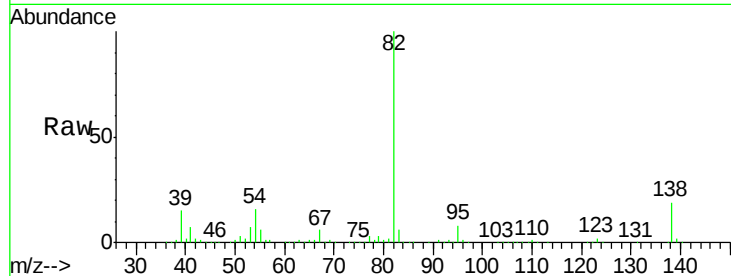
Tgt Ion: 82 Resp: 871775

Ion Ratio Lower Upper

82 100

95 7.9 6.6 10.0

138 19.3 13.6 20.4



#26

2-Nitrophenol

Concen: 40.20 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

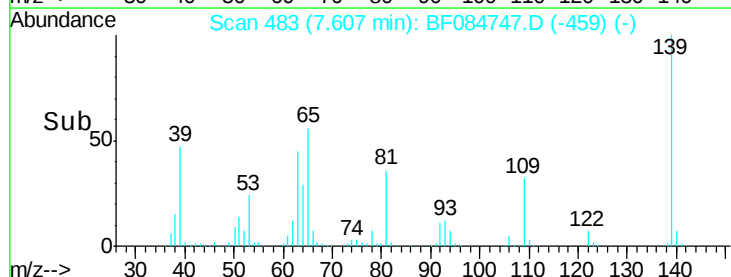
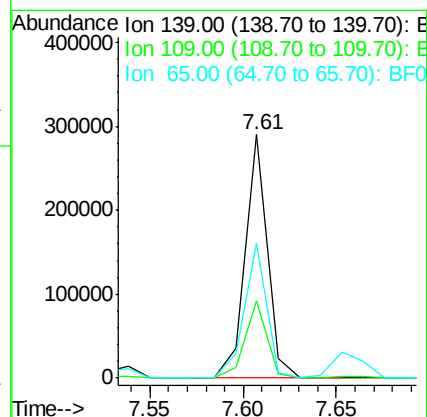
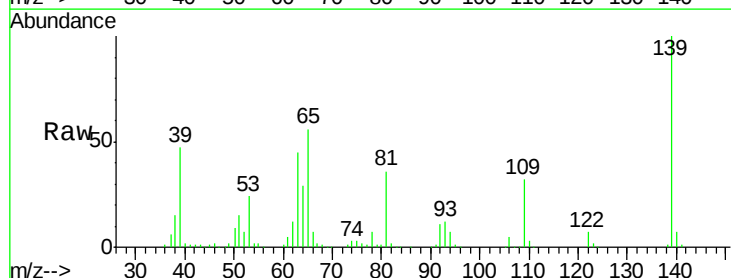
Tgt Ion: 139 Resp: 240169

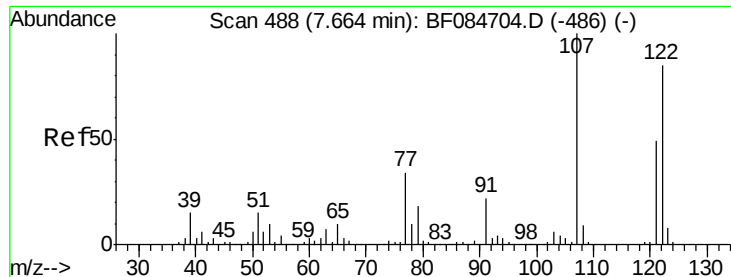
Ion Ratio Lower Upper

139 100

109 31.7 25.4 38.2

65 55.6 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 37.79 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

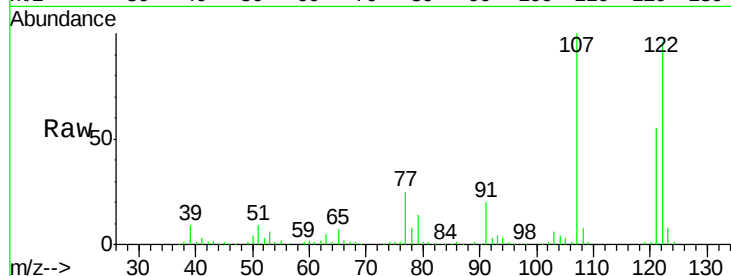
Tgt Ion:122 Resp: 392802

Ion Ratio Lower Upper

122 100

107 104.1 99.1 148.7

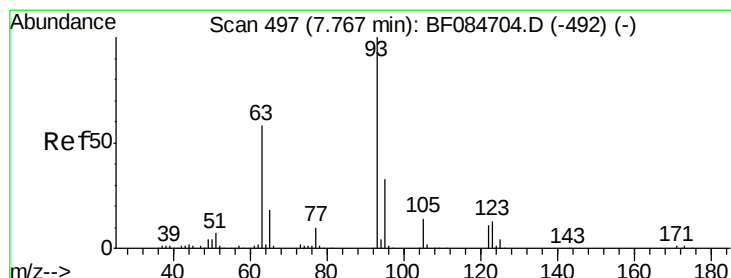
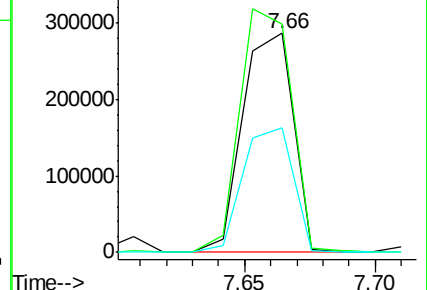
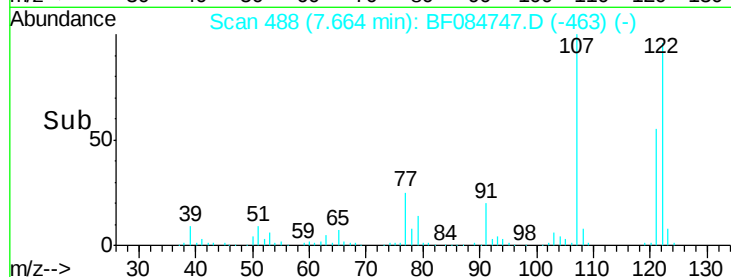
121 57.0 47.9 71.9



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: 36.62 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.03 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

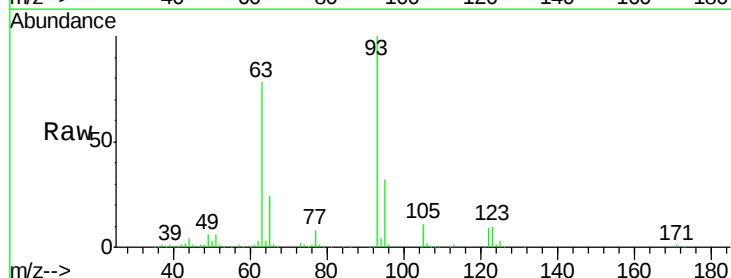
Tgt Ion: 93 Resp: 477971

Ion Ratio Lower Upper

93 100

95 31.7 25.8 38.6

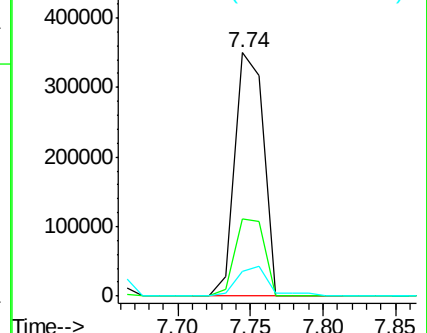
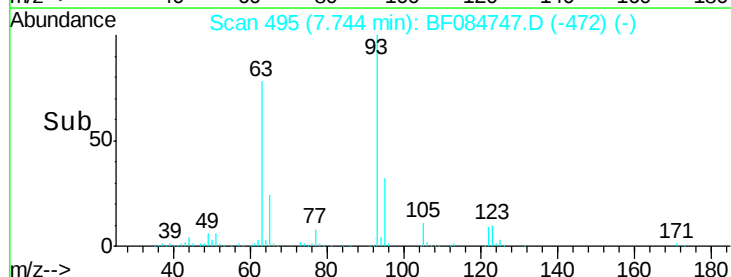
123 10.3 8.6 12.8

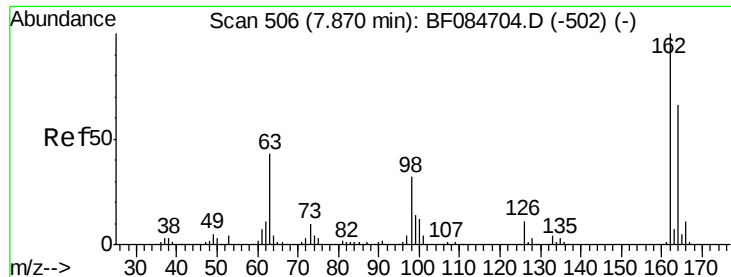


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

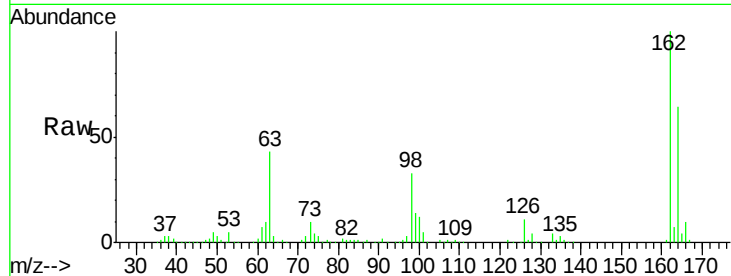




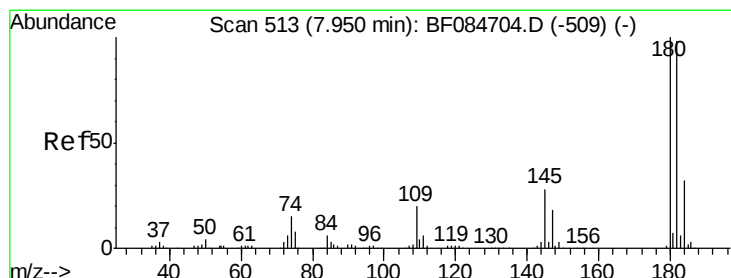
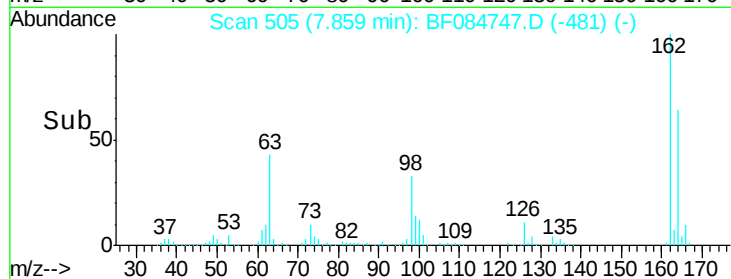
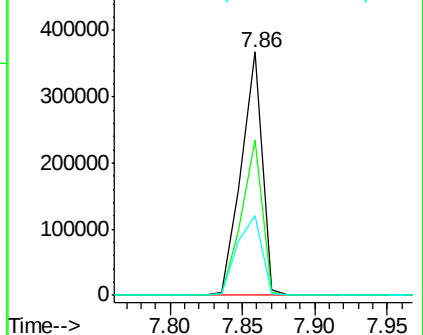
#29
2,4-Dichlorophenol
Concen: 41.62 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 370118
Ion Ratio Lower Upper
162 100
164 63.7 44.1 84.1
98 32.7 20.2 60.2

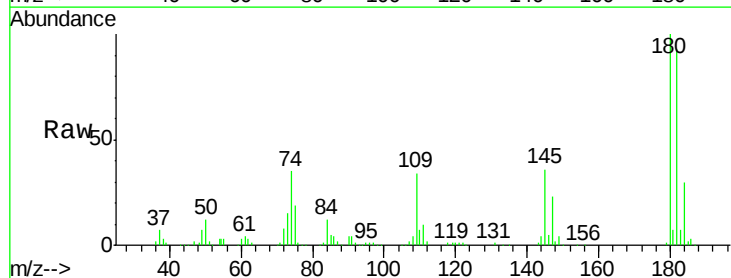


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

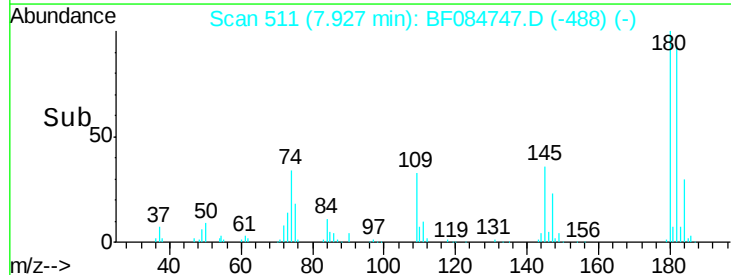
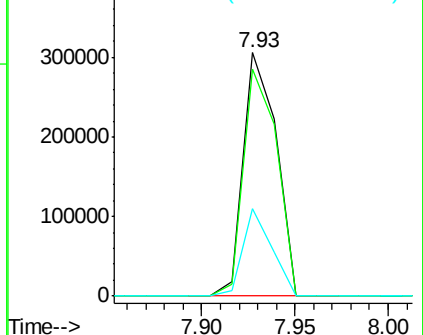


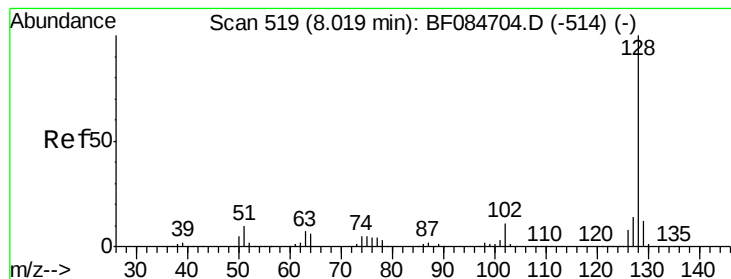
#30
1,2,4-Trichlorobenzene
Concen: 37.37 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.03 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Tgt Ion:180 Resp: 375324
Ion Ratio Lower Upper
180 100
182 93.3 76.4 114.6
145 35.7 31.6 47.4



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: 36.12 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

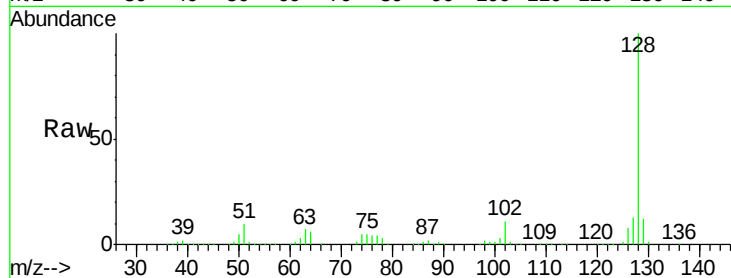
Tgt Ion:128 Resp: 1154671

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

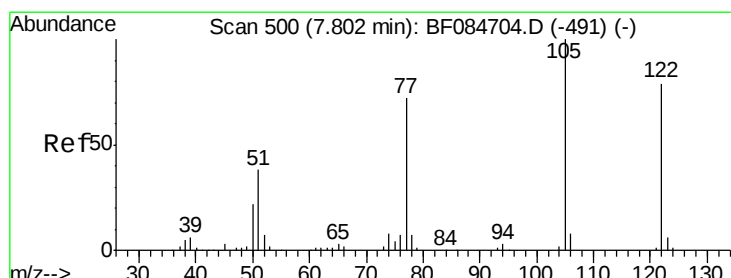
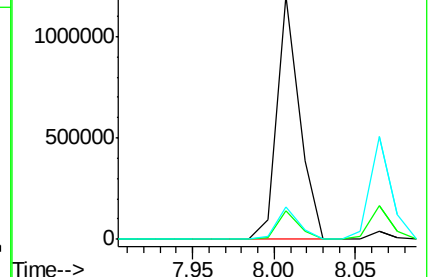
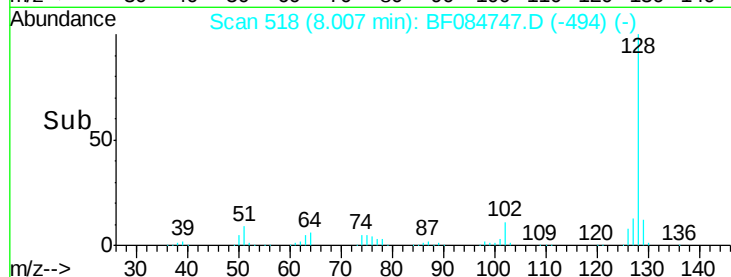
127 13.5 11.1 16.7



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: 31.86 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.03 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

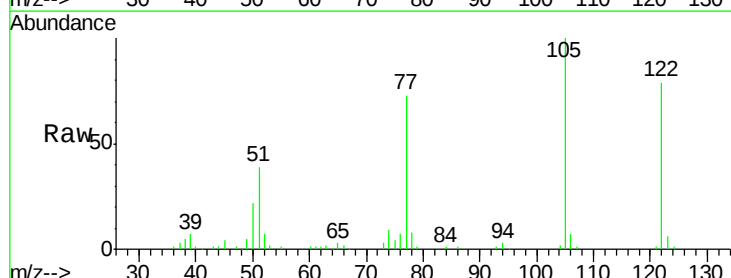
Tgt Ion:122 Resp: 211785

Ion Ratio Lower Upper

122 100

105 125.9 100.3 140.3

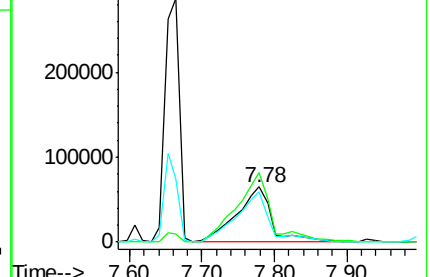
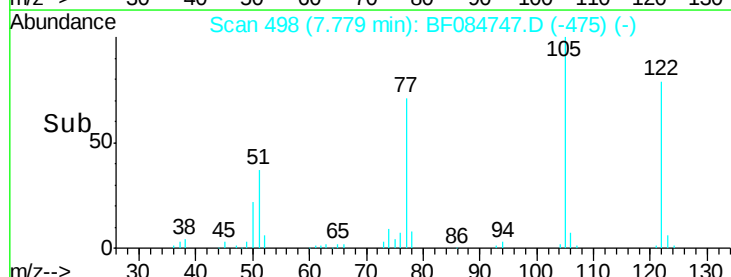
77 91.6 63.5 103.5

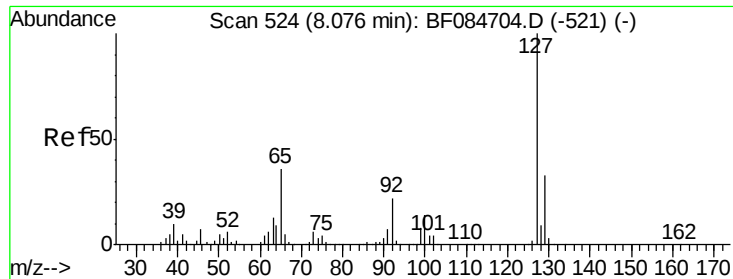


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

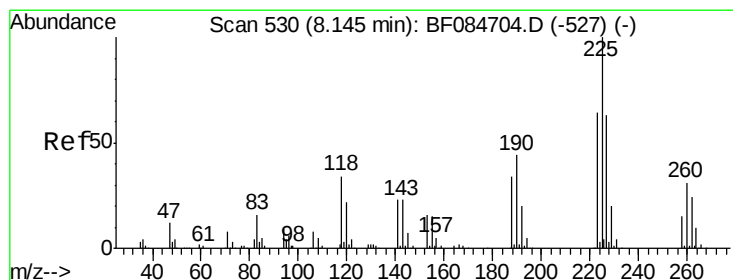
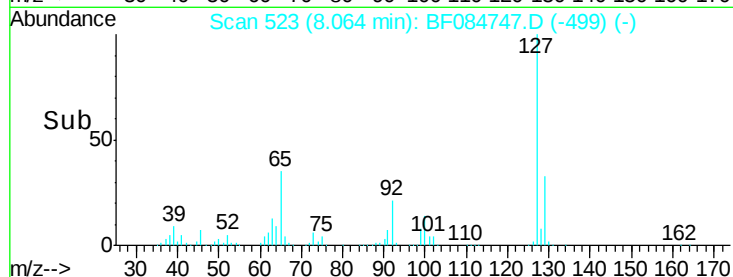
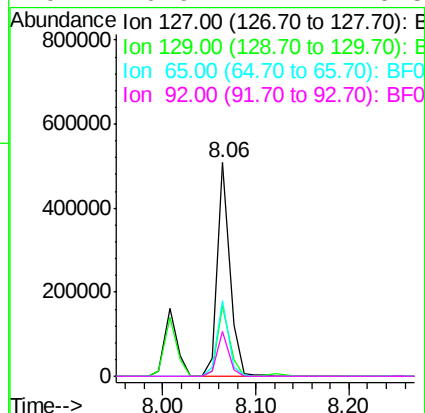
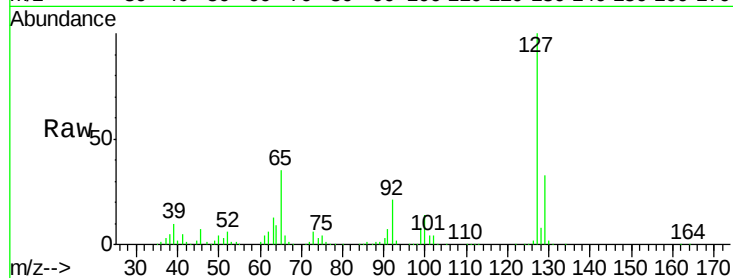




#33
4-Chloroaniline
Concen: 35.62 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

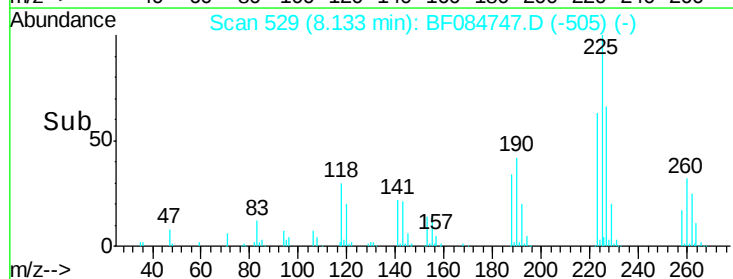
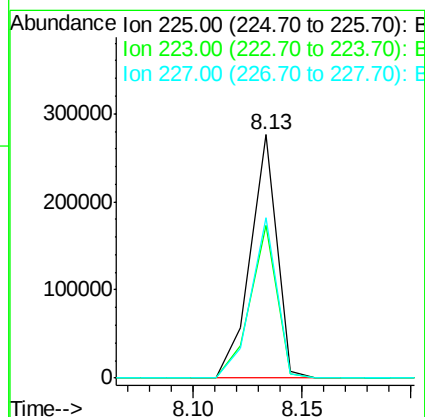
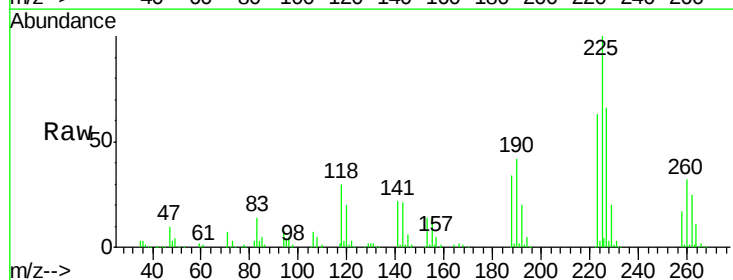
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

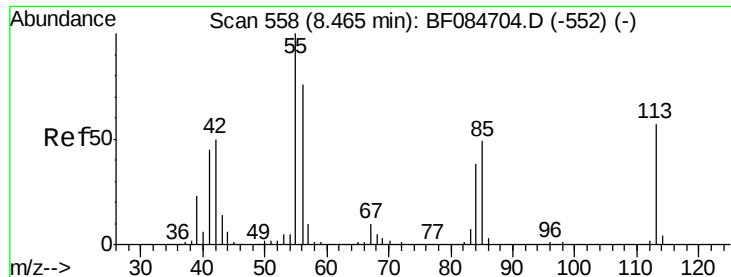
Tgt Ion:	127	Resp:	470985
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.5	39.7
65	35.2	27.2	40.8
92	20.9	17.7	26.5



#34
Hexachlorobutadiene
Concen: 40.29 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Tgt Ion:	225	Resp:	233340
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.0
227	65.9	50.8	76.2

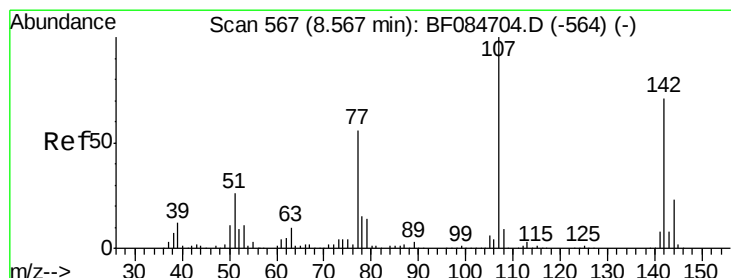
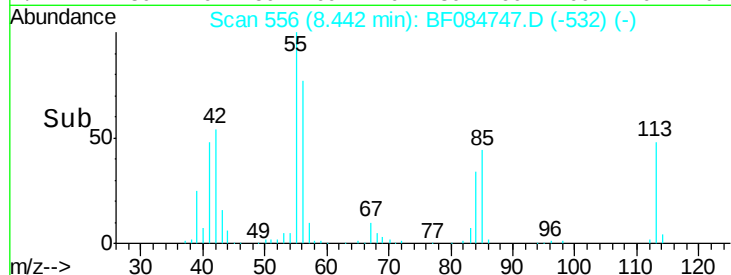
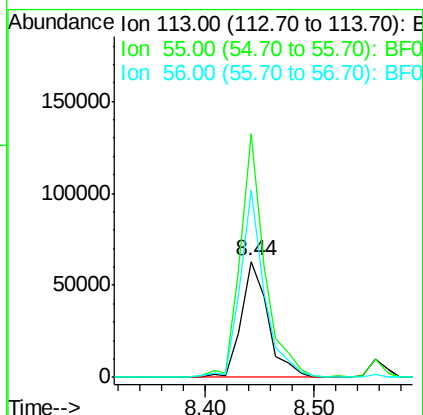
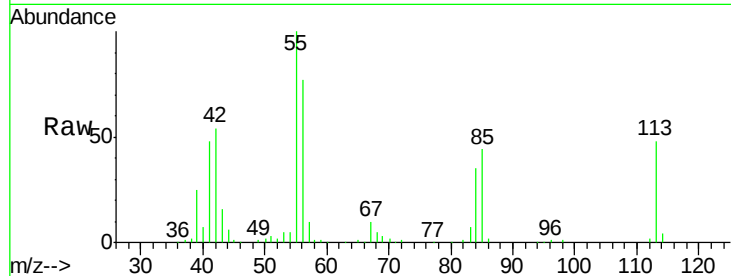




#35
 Caprolactam
 Concen: 38.76 ng
 RT: 8.44 min Scan# 556
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

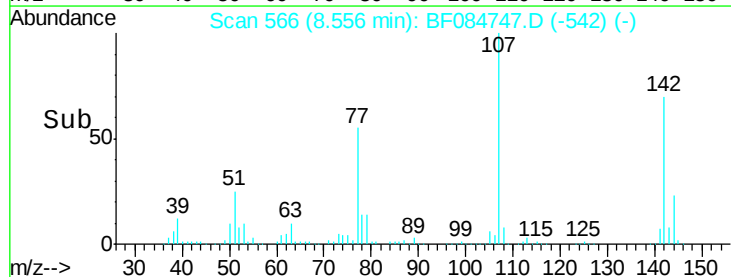
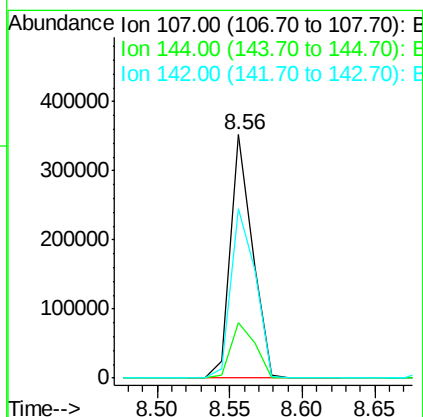
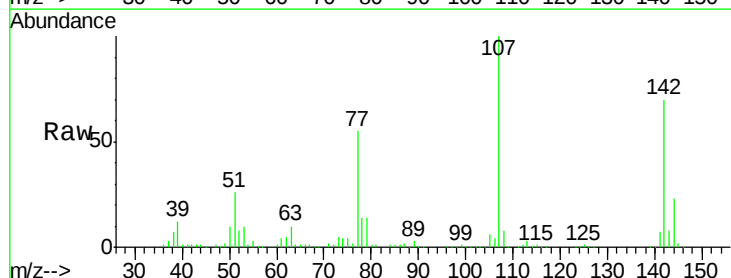
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

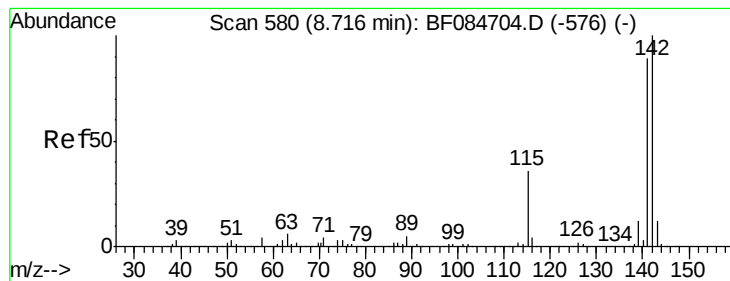
Tgt Ion:113 Resp: 106243
 Ion Ratio Lower Upper
 113 100
 55 209.8 116.9 156.9#
 56 161.7 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 36.69 ng
 RT: 8.56 min Scan# 566
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Tgt Ion:107 Resp: 372194
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.7 29.5
 142 69.6 61.8 92.6





#37

2-Methylnaphthalene

Concen: 41.21 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

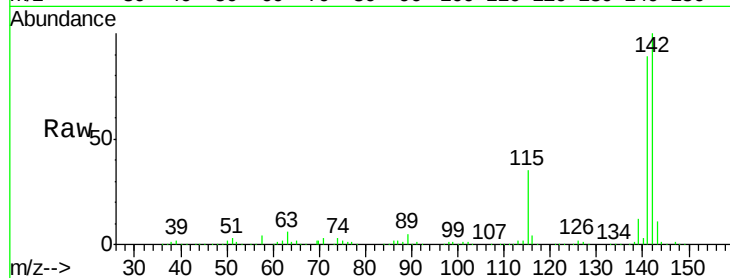
Tgt Ion:142 Resp: 824428

Ion Ratio Lower Upper

142 100

141 88.5 72.4 108.6

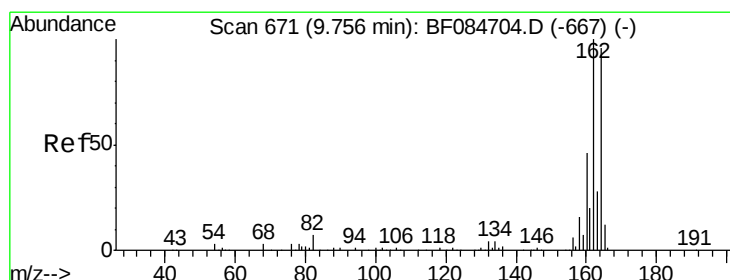
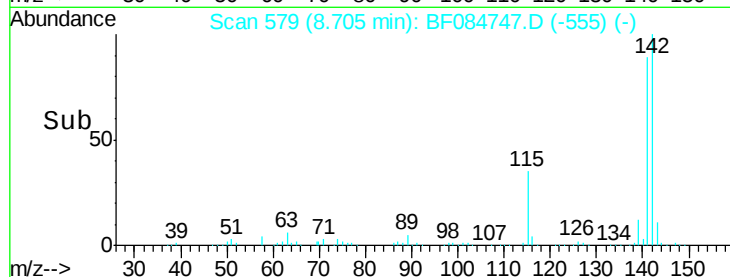
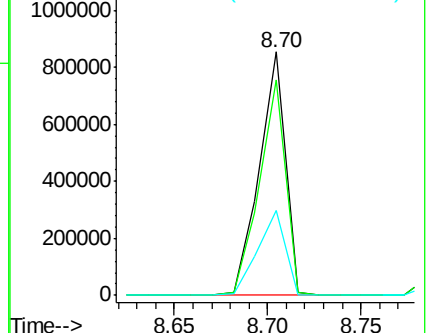
115 34.9 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

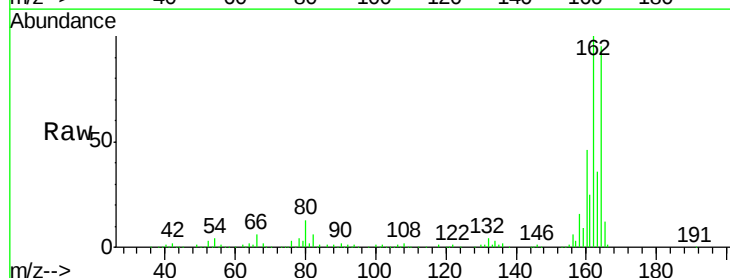
Tgt Ion:164 Resp: 300636

Ion Ratio Lower Upper

164 100

162 105.0 85.1 127.7

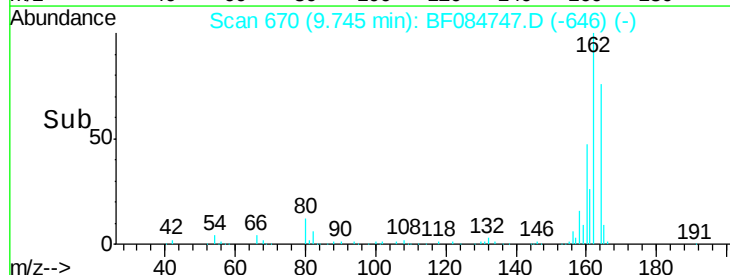
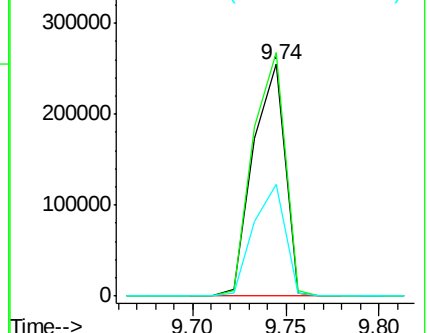
160 48.4 37.5 56.3

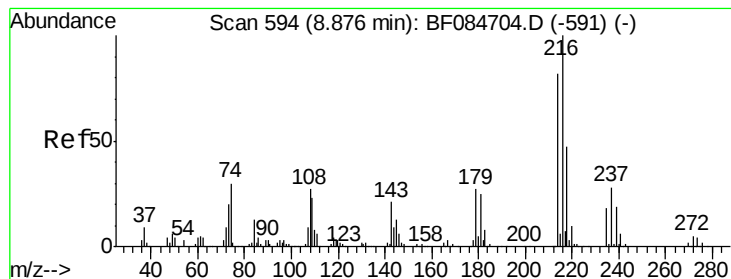


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.56 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.03 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 358655

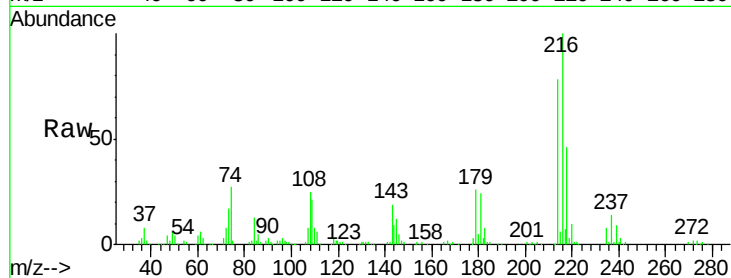
Ion Ratio Lower Upper

216 100

214 78.0 64.2 96.2

179 22.9 18.7 28.1

108 21.0 16.8 25.2

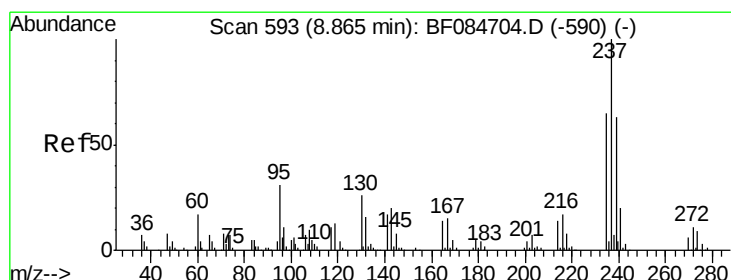
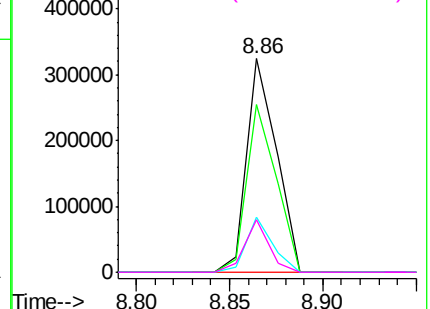
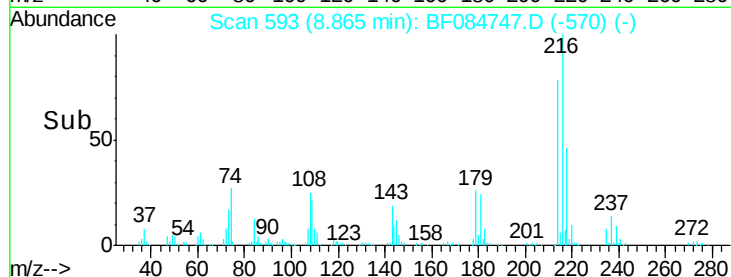


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 41.55 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

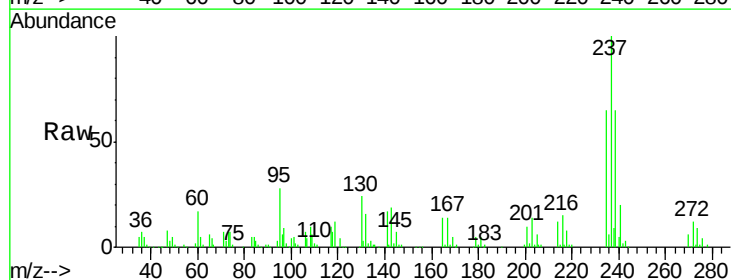
Tgt Ion:237 Resp: 139596

Ion Ratio Lower Upper

237 100

235 65.3 43.1 83.1

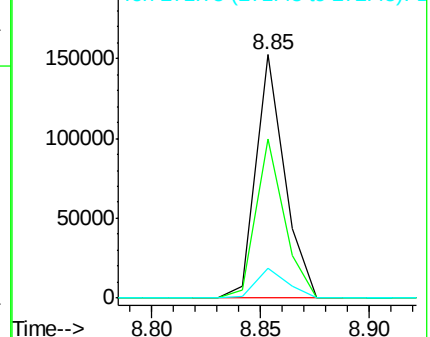
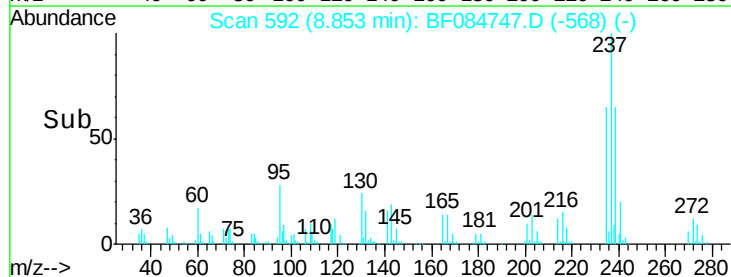
272 12.1 0.0 35.1

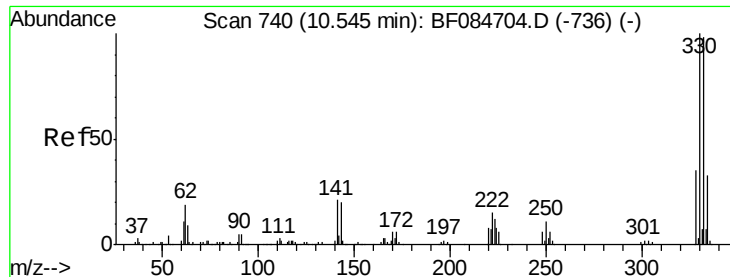


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

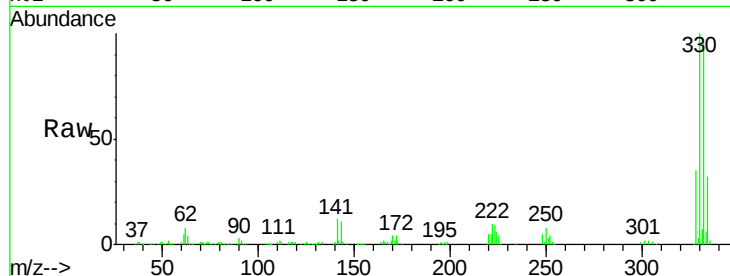




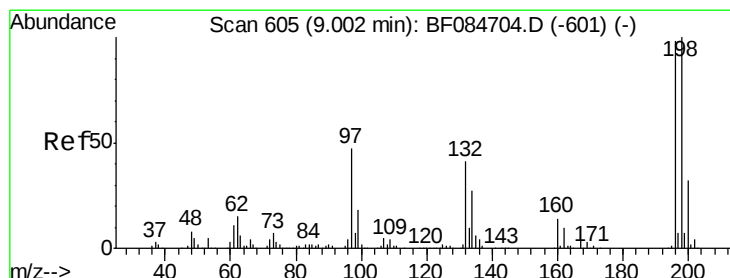
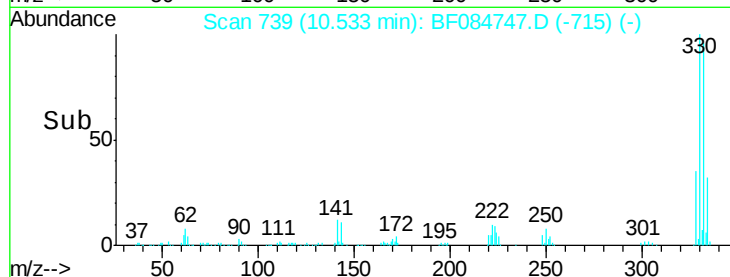
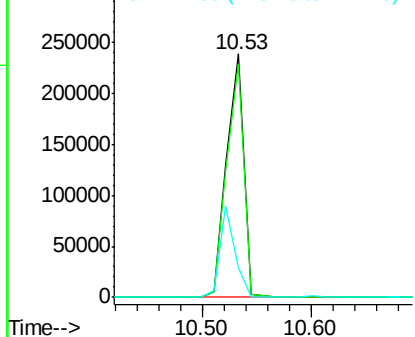
#41
 2,4,6-Tribromophenol
 Concen: 83.33 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 261302
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 33.4 27.8 41.6

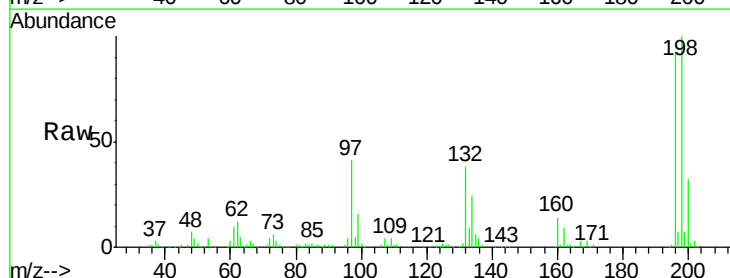


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

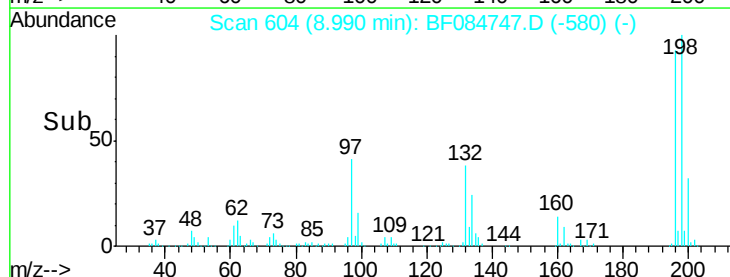
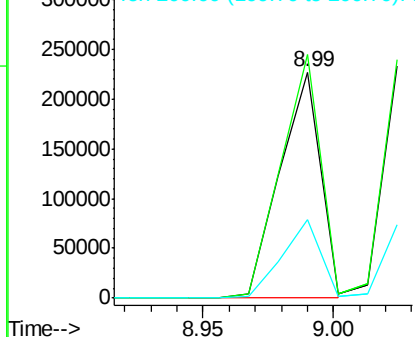


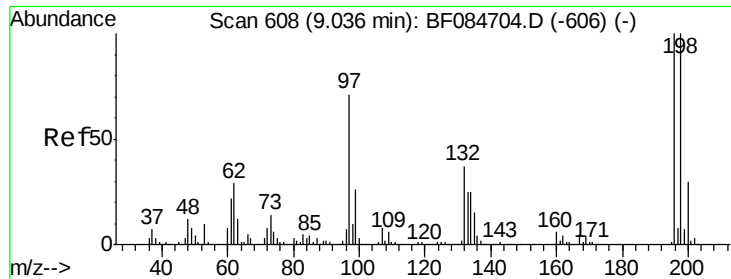
#42
 2,4,6-Trichlorophenol
 Concen: 39.84 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Tgt Ion:196 Resp: 245056
 Ion Ratio Lower Upper
 196 100
 198 107.8 77.7 116.5
 200 34.5 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

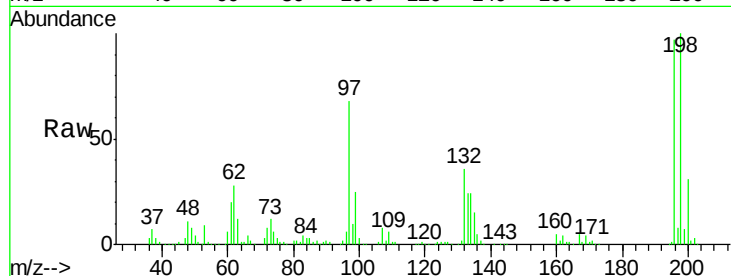




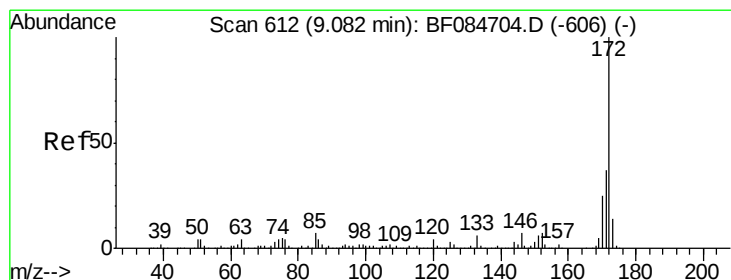
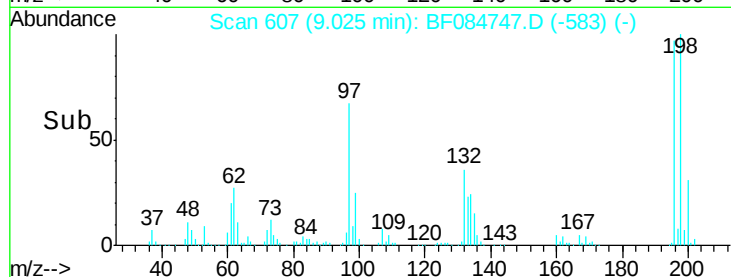
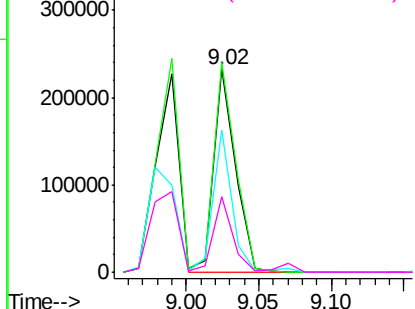
#43
 2,4,5-Trichlorophenol
 Concen: 38.65 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 241543
 Ion Ratio Lower Upper
 196 100
 198 103.1 79.0 118.6
 97 69.7 33.0 49.6#
 132 37.1 21.1 31.7#

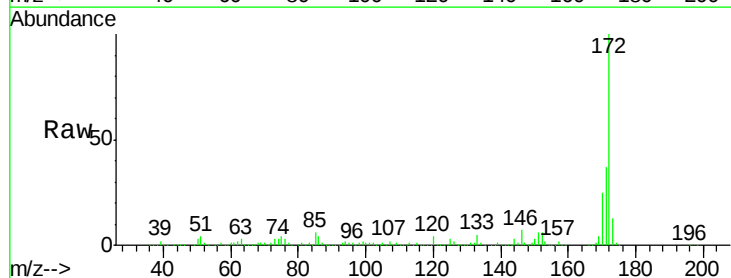


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

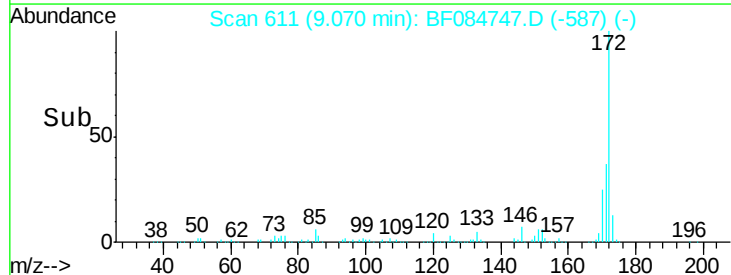
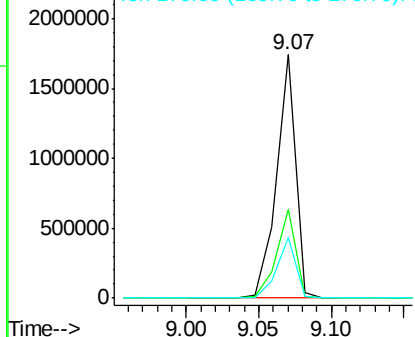


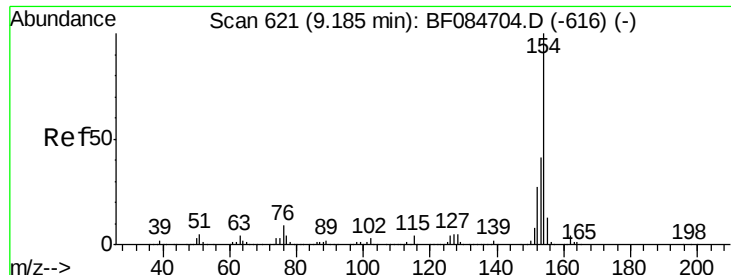
#44
 2-Fluorobiphenyl
 Concen: 91.47 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Tgt Ion:172 Resp: 1591187
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 25.1 18.6 27.8



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: 38.94 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

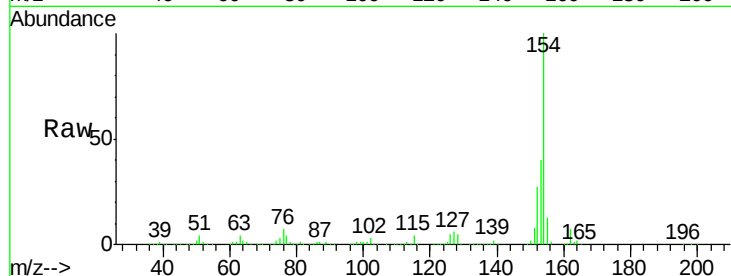
Tgt Ion:154 Resp: 1045563

Ion Ratio Lower Upper

154 100

153 39.7 21.6 61.6

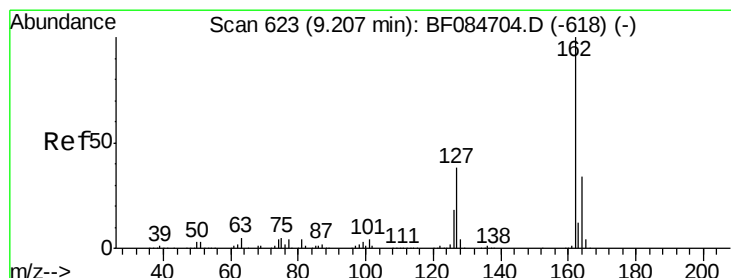
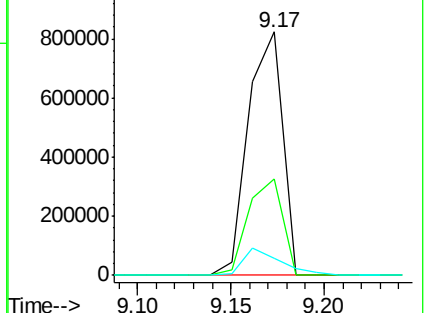
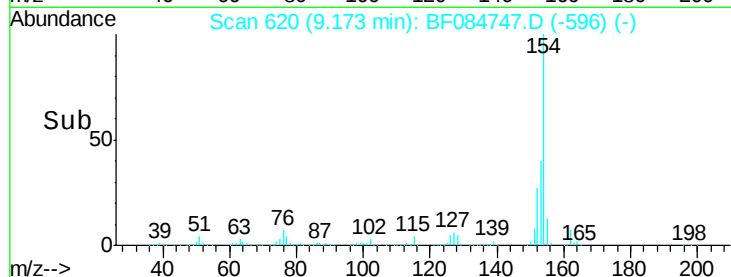
76 6.8 0.0 32.7



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: 38.08 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.03 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

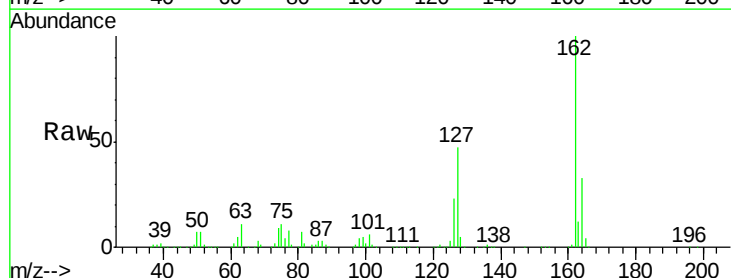
Tgt Ion:162 Resp: 752949

Ion Ratio Lower Upper

162 100

127 47.2 40.2 60.4

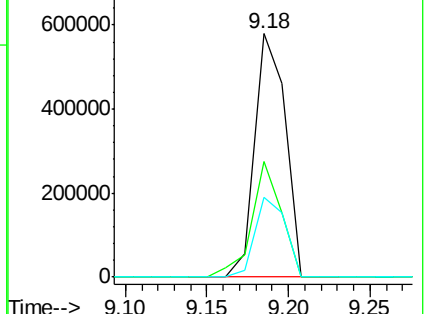
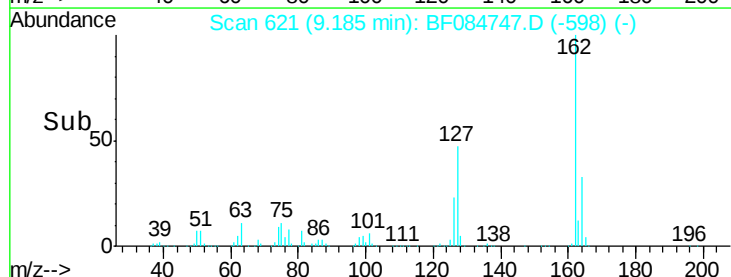
164 32.9 25.7 38.5

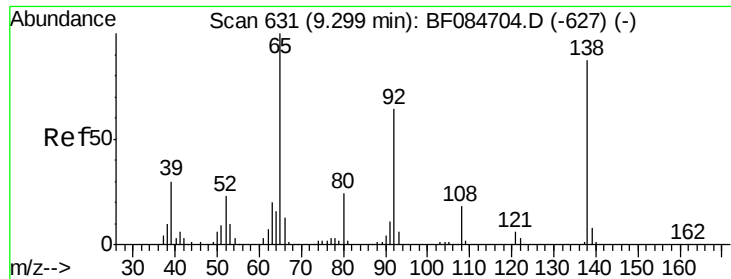


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

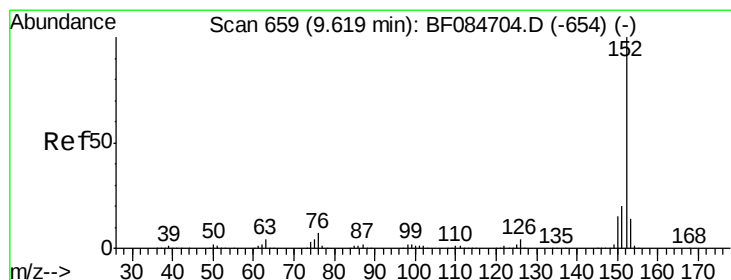
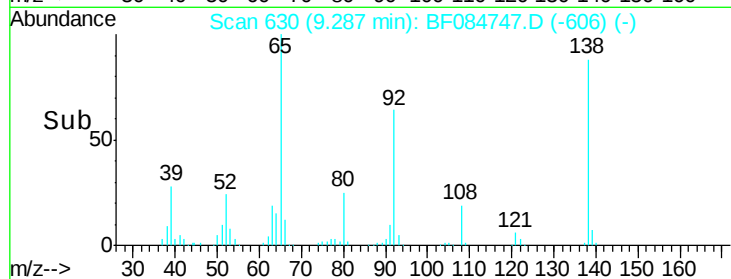
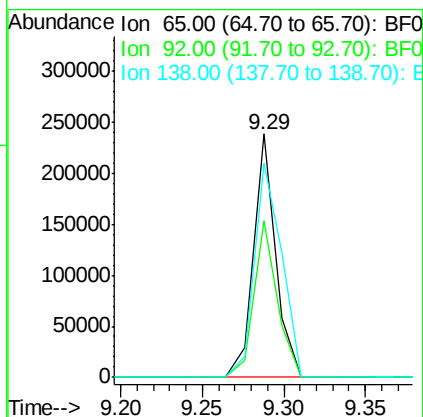
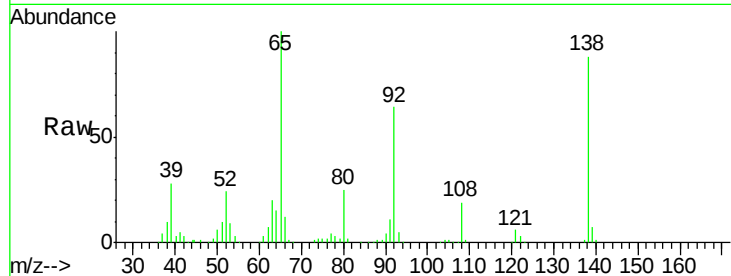




#47
 2-Nitroaniline
 Concen: 35.95 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

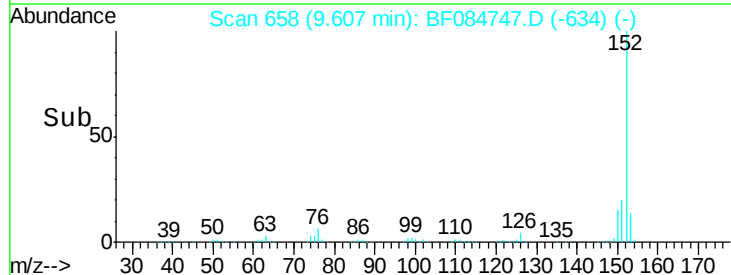
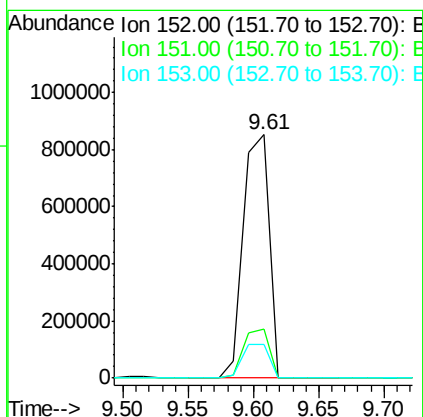
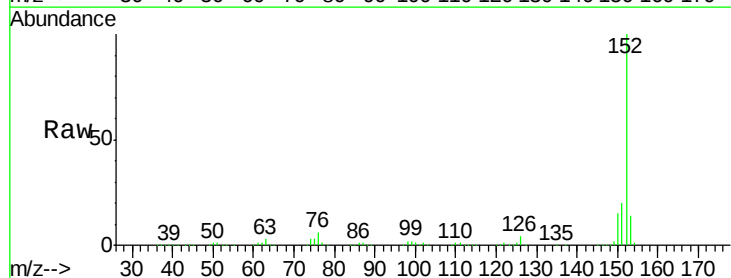
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

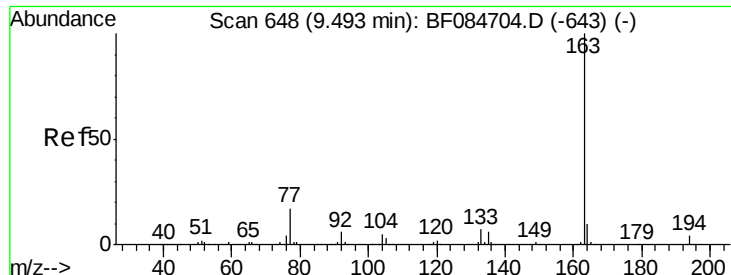
Tgt Ion: 65 Resp: 225089
 Ion Ratio Lower Upper
 65 100
 92 64.2 53.4 80.2
 138 87.8 71.1 106.7



#48
 Acenaphthylene
 Concen: 38.98 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Tgt Ion: 152 Resp: 1169622
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.3 24.5
 153 13.8 10.4 15.6

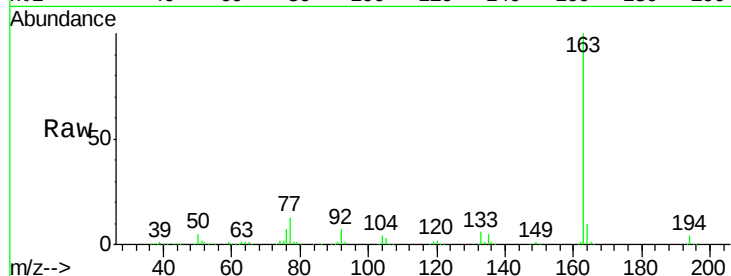




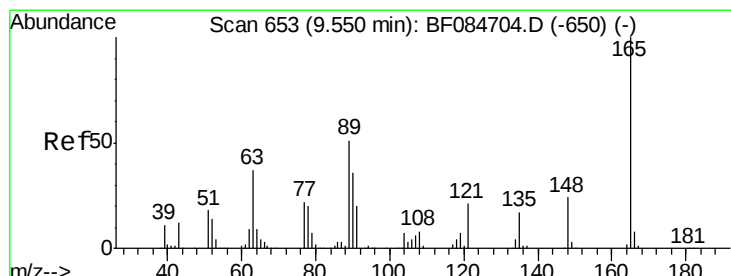
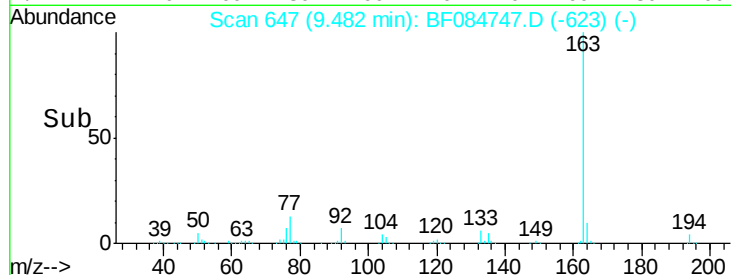
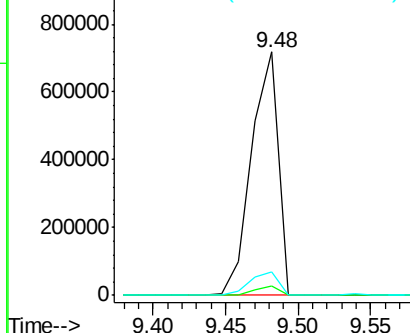
#49
Dimethylphthalate
Concen: 40.10 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 918125
Ion Ratio Lower Upper
163 100
194 3.7 8.0 12.0#
164 9.8 8.0 12.0

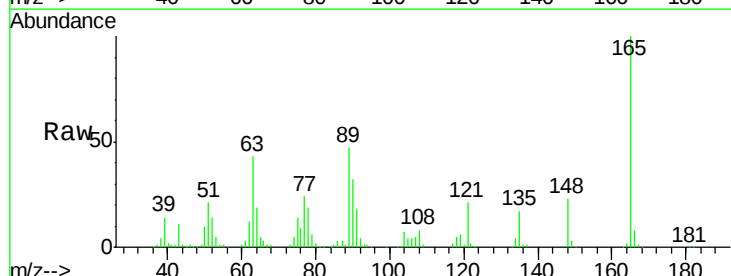


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

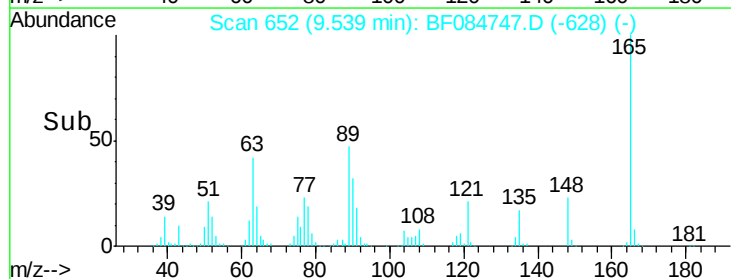
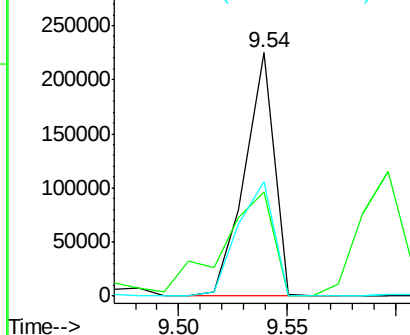


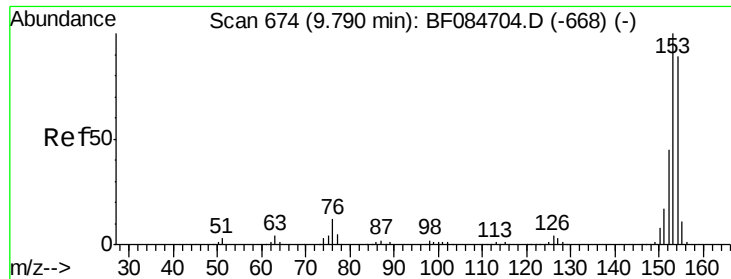
#50
2,6-Dinitrotoluene
Concen: 42.55 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Tgt Ion:165 Resp: 212831
Ion Ratio Lower Upper
165 100
63 42.5 28.8 43.2
89 47.2 35.1 52.7



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: 38.20 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

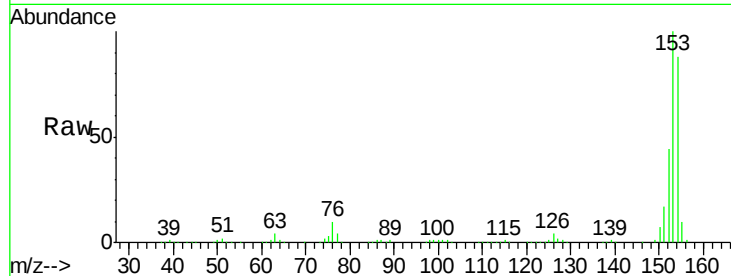
Tgt Ion:154 Resp: 745711

Ion Ratio Lower Upper

154 100

153 113.8 91.5 137.3

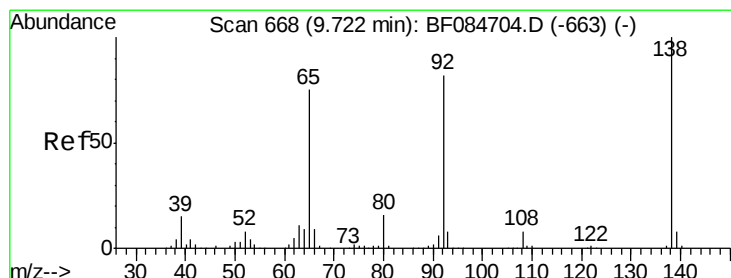
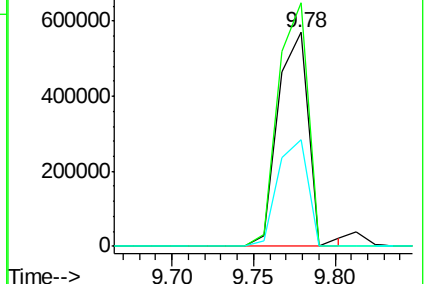
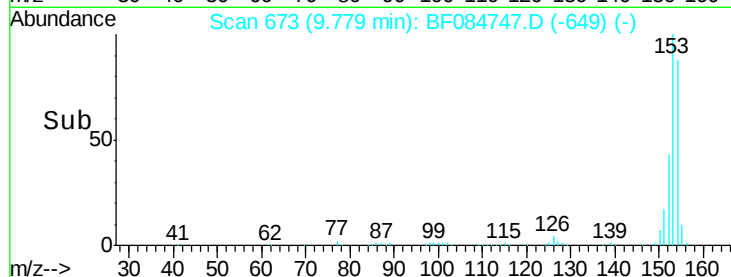
152 49.7 43.0 64.6



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: 35.34 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

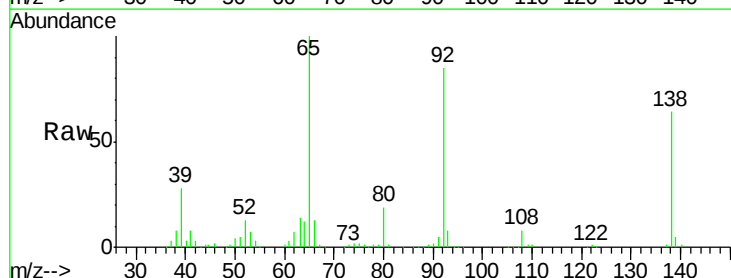
Tgt Ion:138 Resp: 198621

Ion Ratio Lower Upper

138 100

108 12.0 10.5 15.7

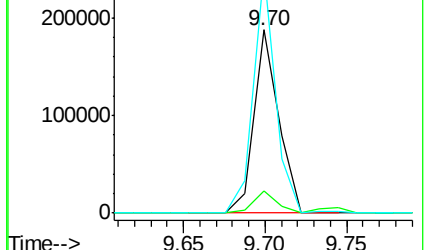
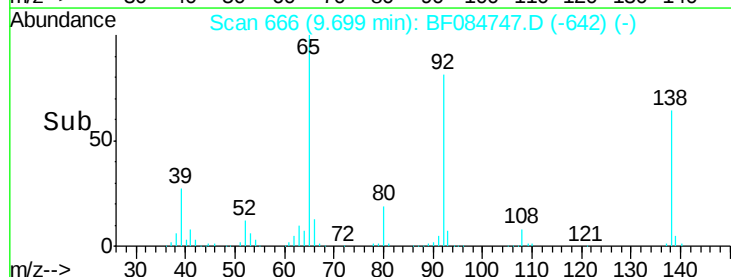
92 132.8 103.9 155.9

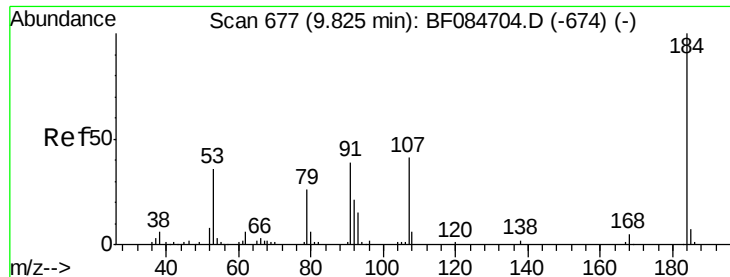


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

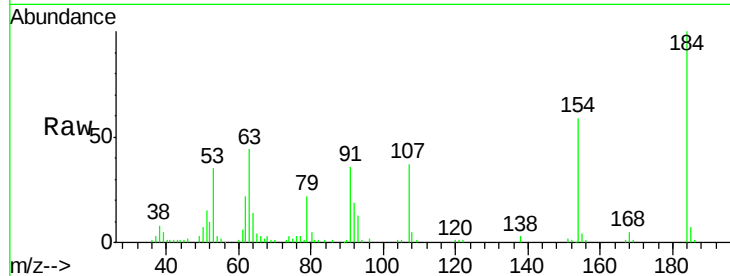




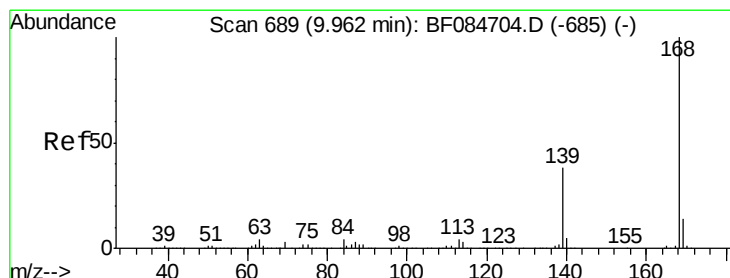
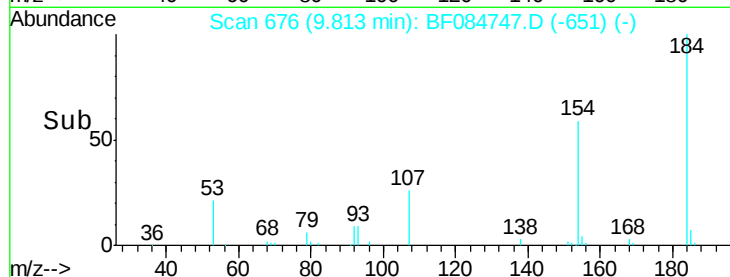
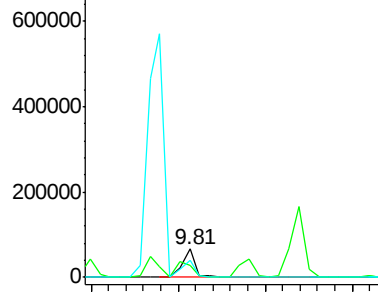
#53
2,4-Dinitrophenol
Concen: 34.95 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 72552
Ion Ratio Lower Upper
184 100
63 43.5 43.1 64.7
154 59.3 60.5 90.7#

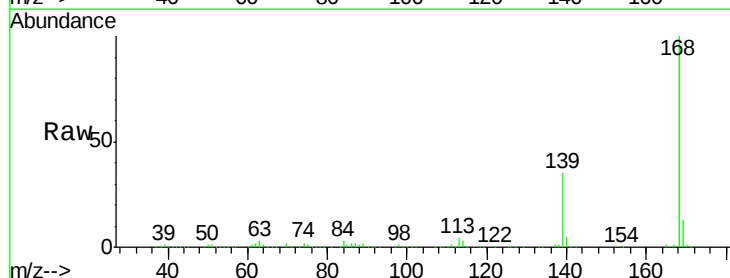


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

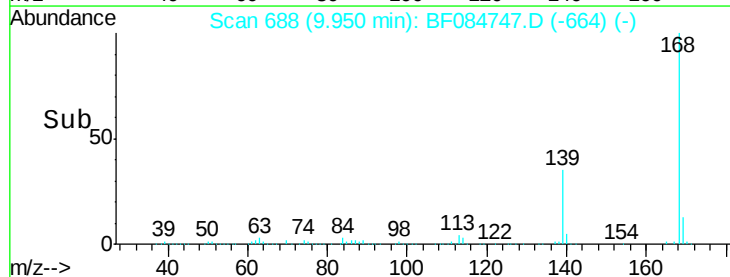
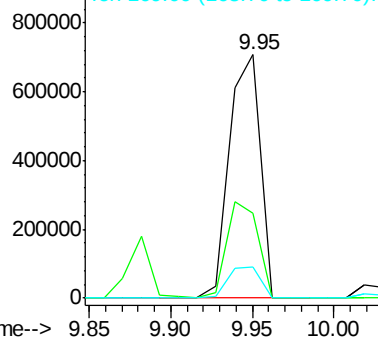


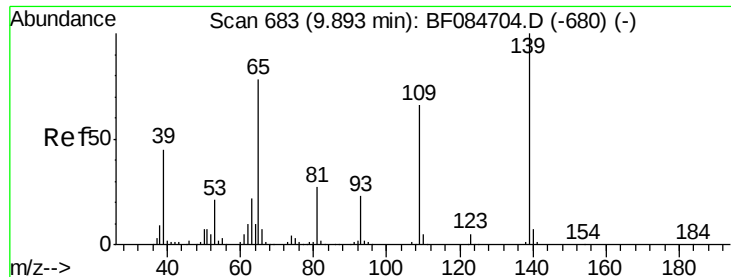
#54
Dibenzofuran
Concen: 39.05 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Tgt Ion:168 Resp: 931707
Ion Ratio Lower Upper
168 100
139 35.1 30.5 45.7
169 12.9 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: 41.54 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

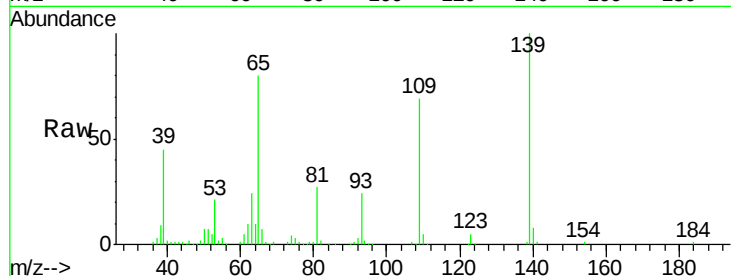
Tgt Ion:139 Resp: 171585

Ion Ratio Lower Upper

139 100

109 69.1 58.5 98.5

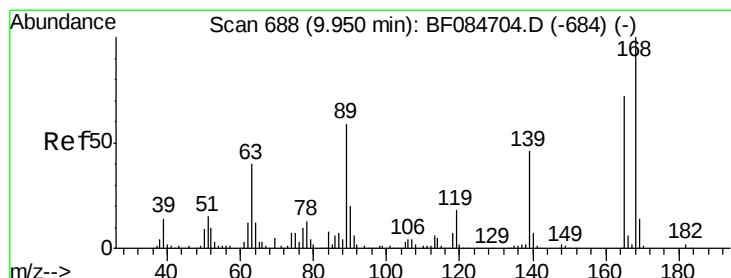
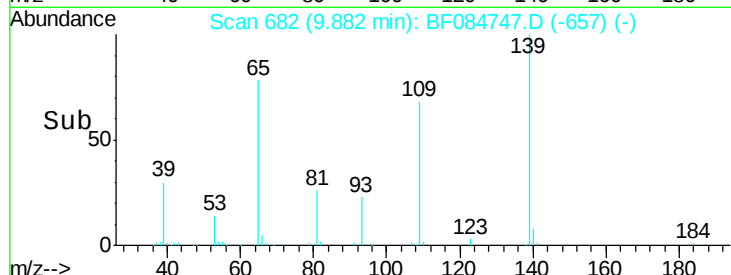
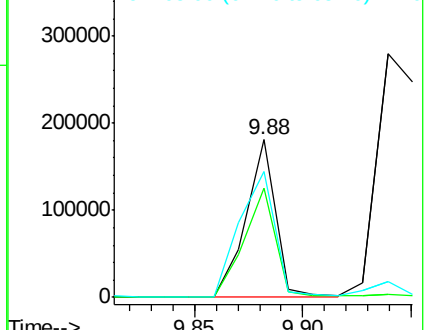
65 79.7 57.6 97.6



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: 43.09 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Tgt Ion:165 Resp: 274909

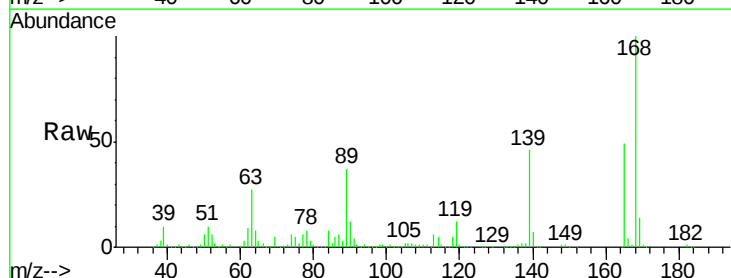
Ion Ratio Lower Upper

165 100

63 55.5 36.7 55.1#

89 76.5 61.9 92.9

182 2.2 2.0 3.0

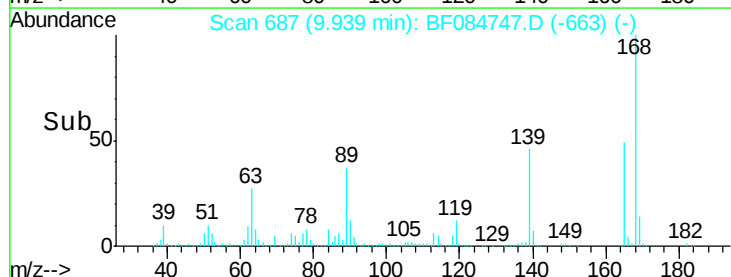
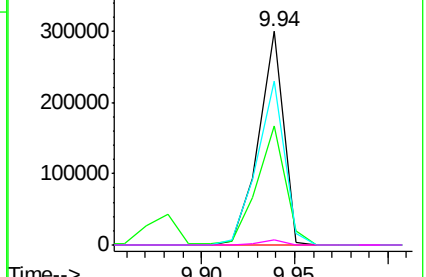


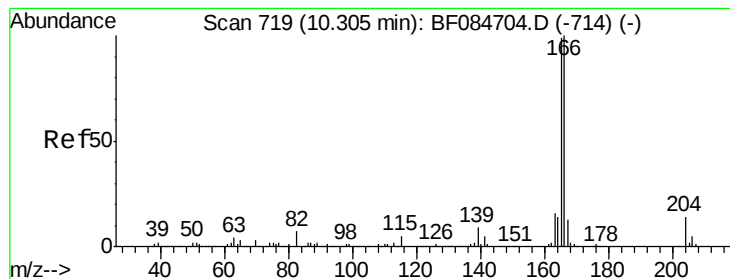
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.72 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

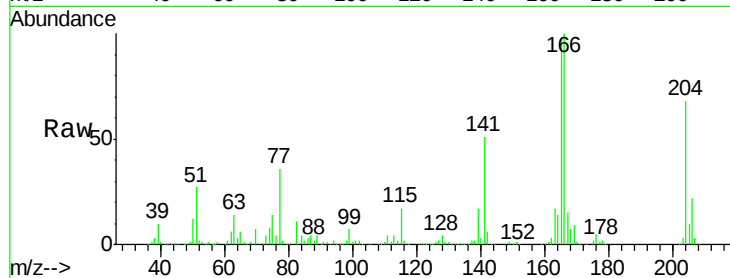
Tgt Ion:166 Resp: 771595

Ion Ratio Lower Upper

166 100

165 98.4 79.1 118.7

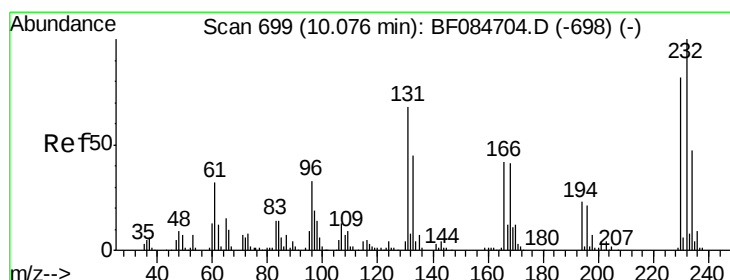
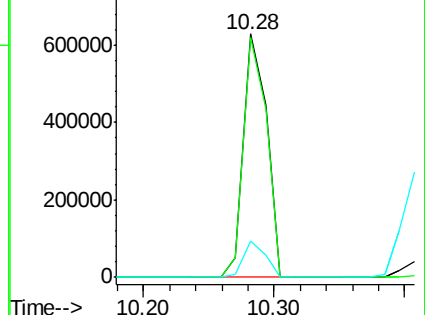
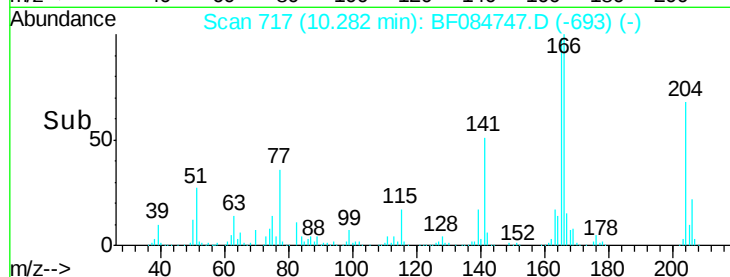
167 14.8 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.31 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Tgt Ion:232 Resp: 182266

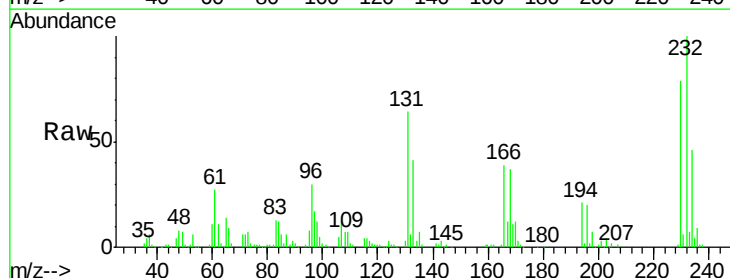
Ion Ratio Lower Upper

232 100

131 52.4 47.0 70.6

130 2.6 2.0 3.0

166 32.7 30.5 45.7

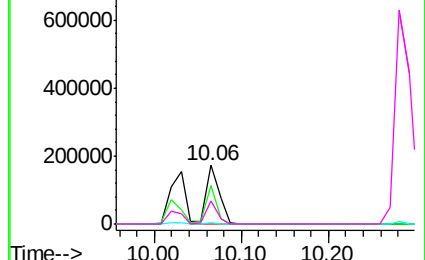
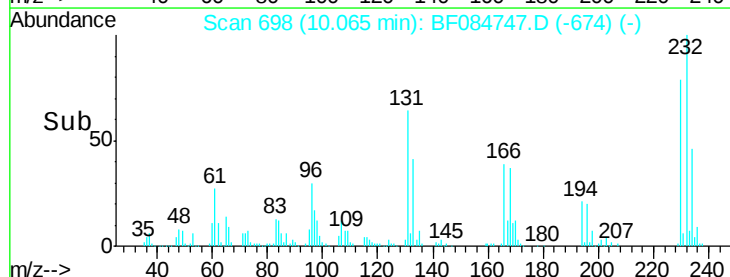


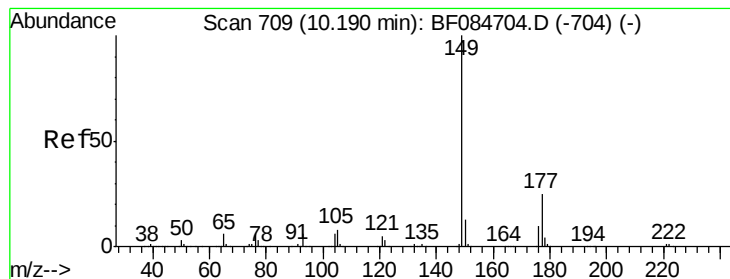
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.76 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

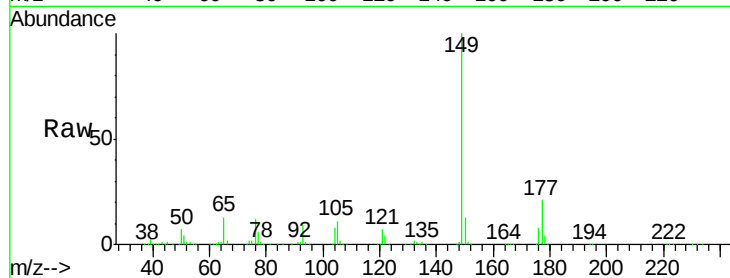
Tgt Ion:149 Resp: 866580

Ion Ratio Lower Upper

149 100

177 20.6 17.3 25.9

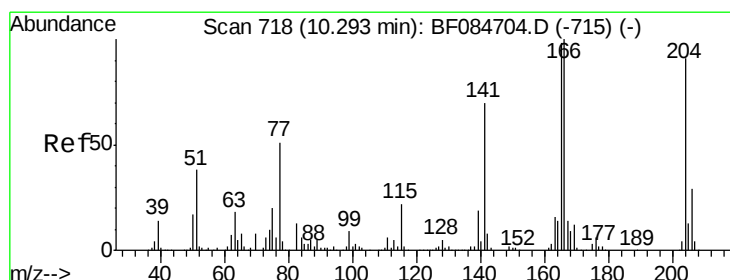
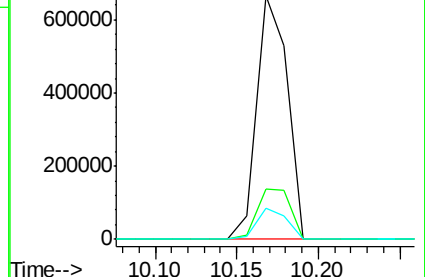
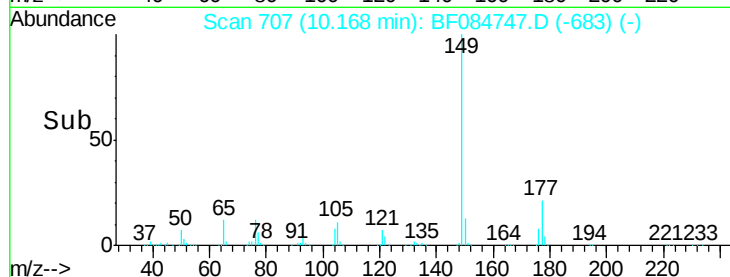
150 12.8 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.48 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

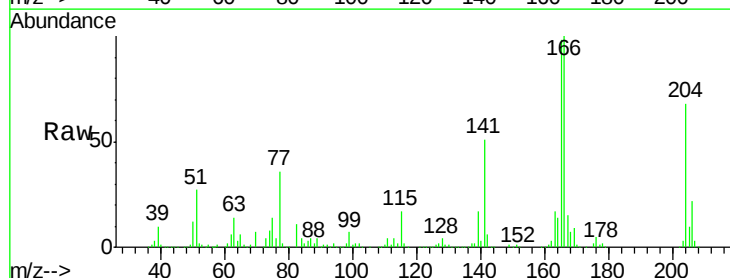
Tgt Ion:204 Resp: 359026

Ion Ratio Lower Upper

204 100

206 32.7 25.7 38.5

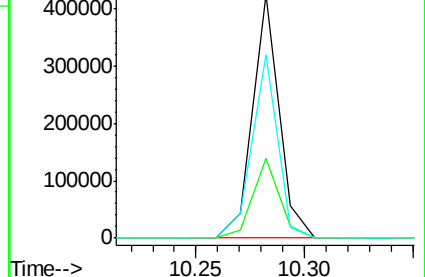
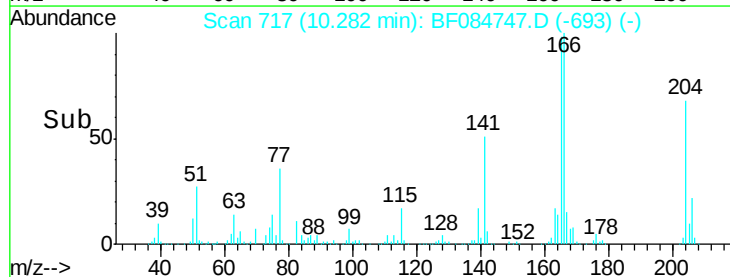
141 75.2 55.1 82.7

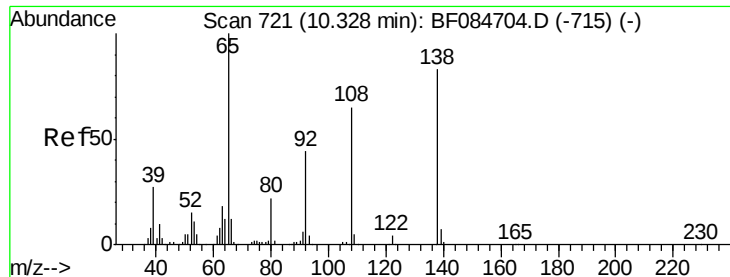


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.12 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

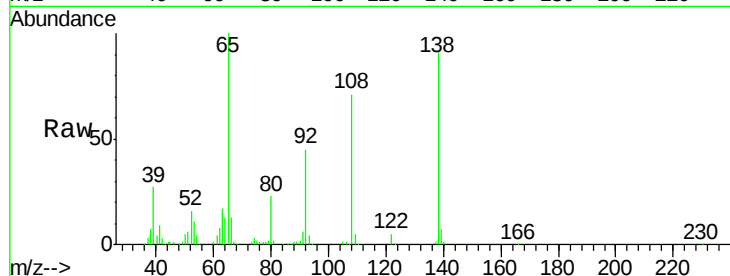
Tgt Ion: 138 Resp: 230713

Ion Ratio Lower Upper

138 100

92 49.8 32.6 72.6

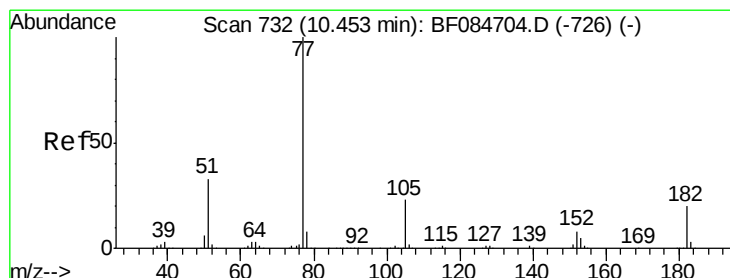
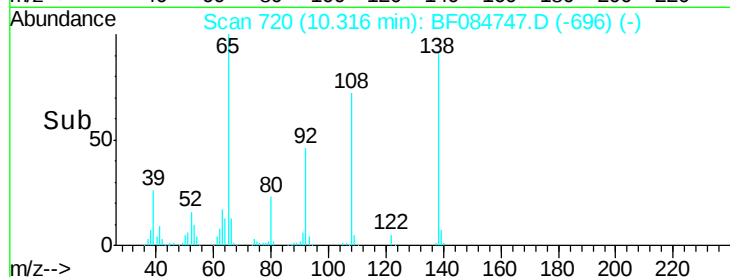
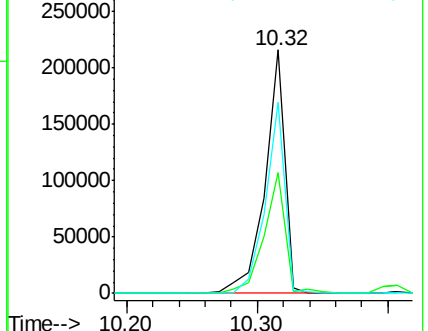
108 78.4 68.6 108.6



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: 41.53 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Tgt Ion: 77 Resp: 892909

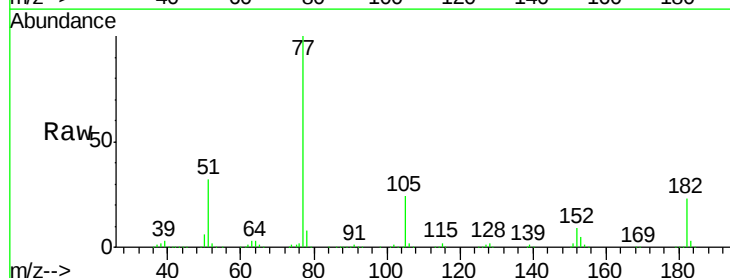
Ion Ratio Lower Upper

77 100

182 23.1 8.3 48.3

105 23.8 4.6 44.6

51 31.9 6.2 46.2

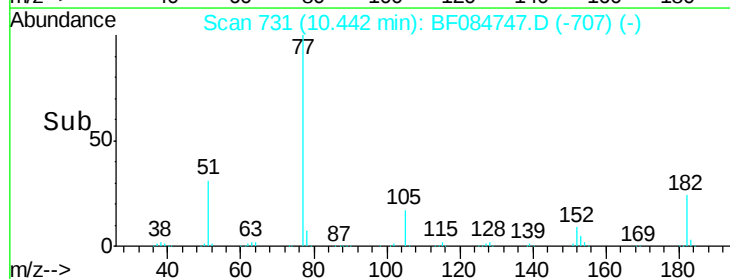
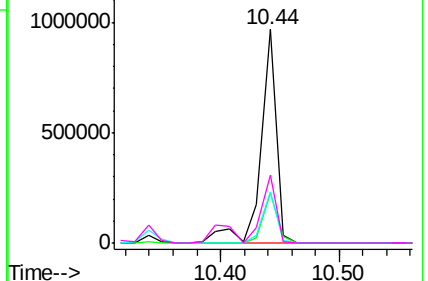


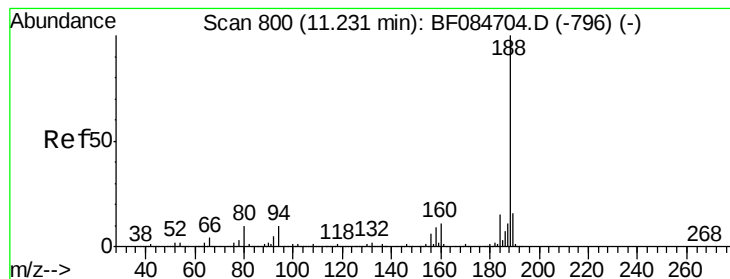
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.22 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

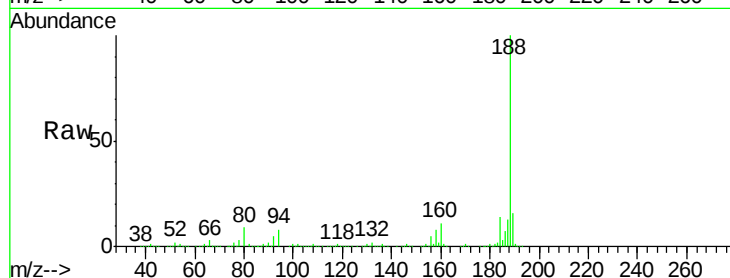
Tgt Ion:188 Resp: 567703

Ion Ratio Lower Upper

188 100

94 8.2 9.0 13.4#

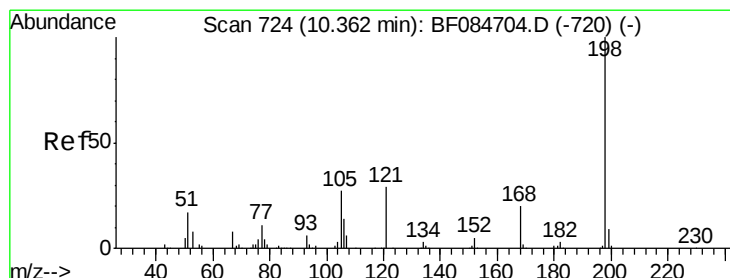
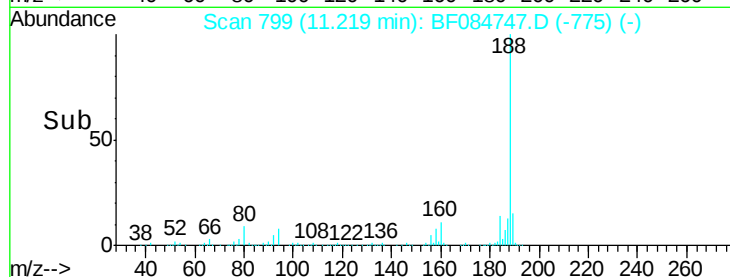
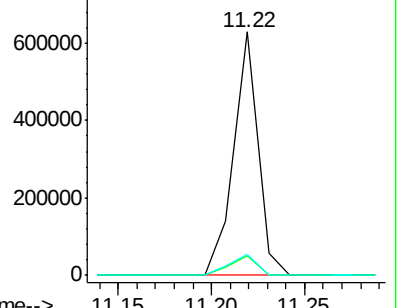
80 8.8 9.6 14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 33.79 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

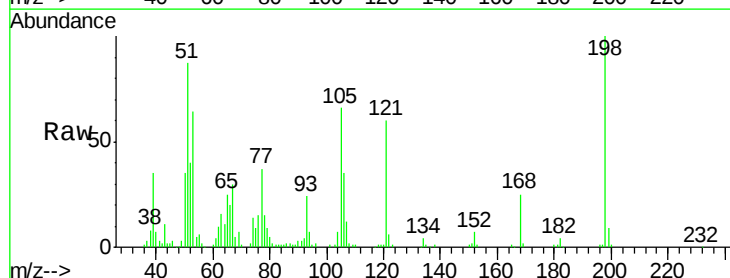
Tgt Ion:198 Resp: 118379

Ion Ratio Lower Upper

198 100

51 86.7 18.9 58.9#

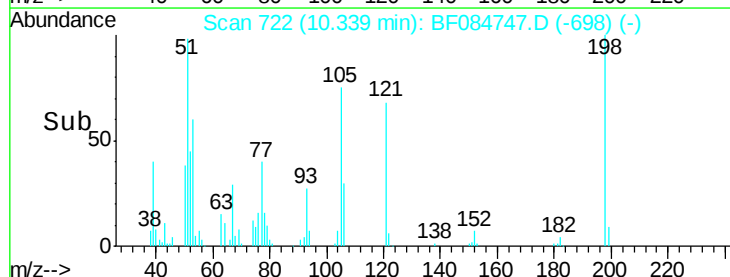
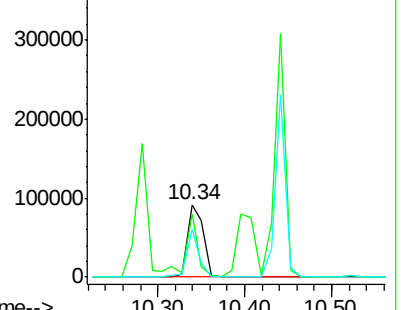
105 65.5 26.4 66.4

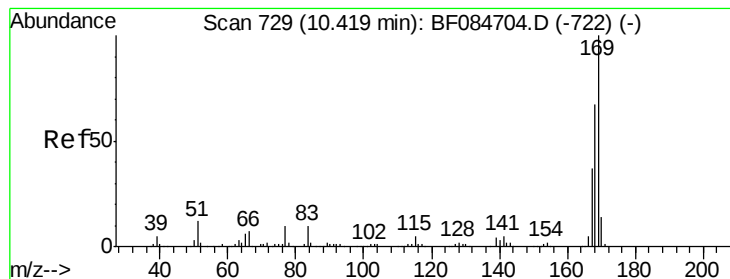


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.78 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

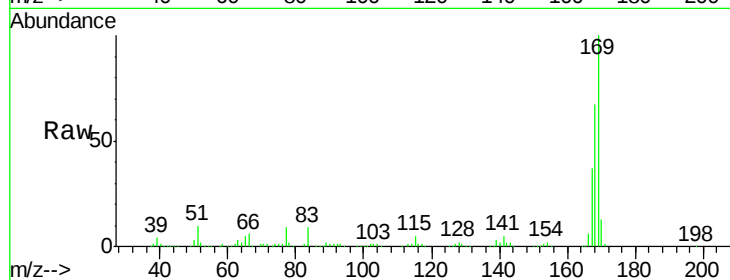
Tgt Ion:169 Resp: 753168

Ion Ratio Lower Upper

169 100

168 67.2 55.1 82.7

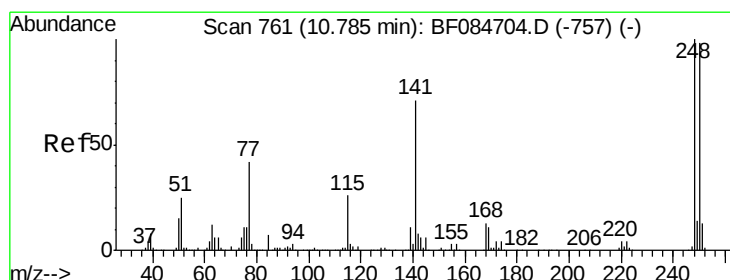
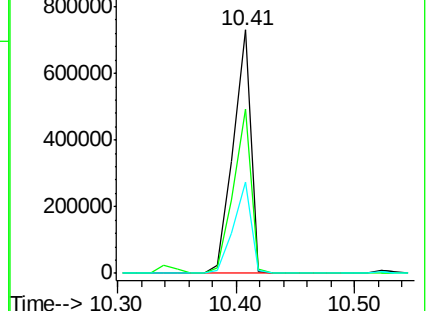
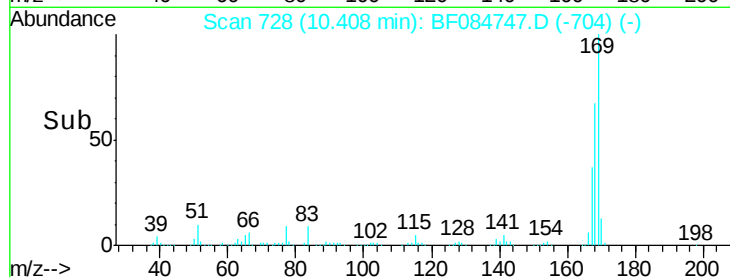
167 37.5 30.0 45.0



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: 42.30 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

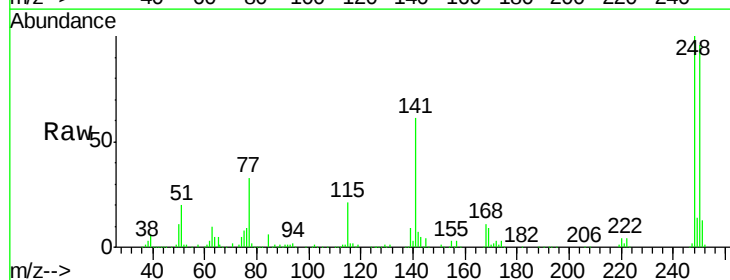
Tgt Ion:248 Resp: 265255

Ion Ratio Lower Upper

248 100

250 96.3 78.4 117.6

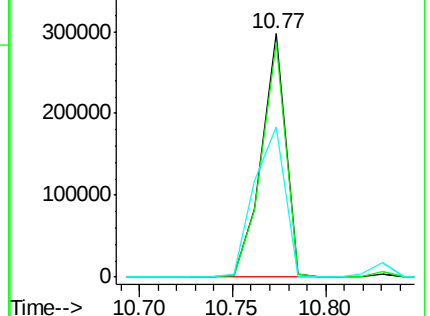
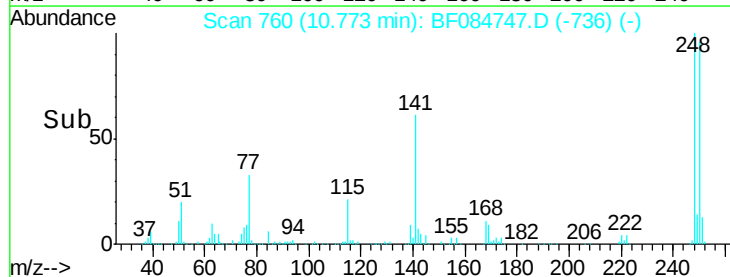
141 61.5 44.0 66.0

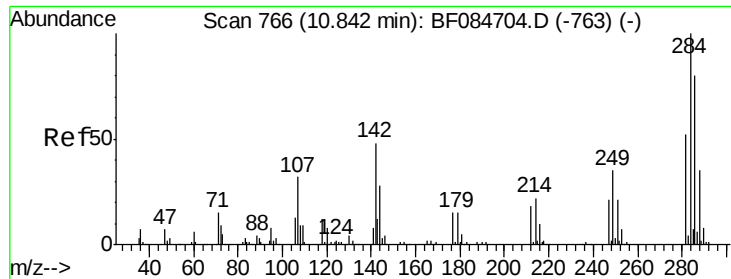


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.04 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

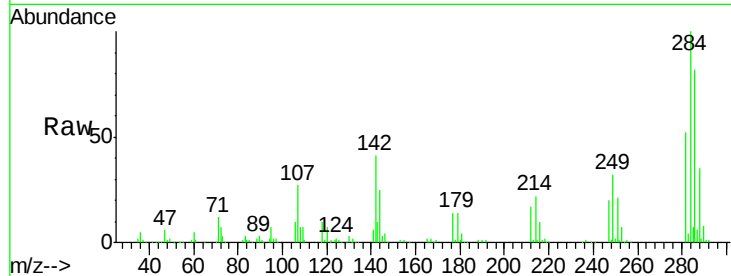
Tgt Ion:284 Resp: 253064

Ion Ratio Lower Upper

284 100

142 41.3 22.2 33.4#

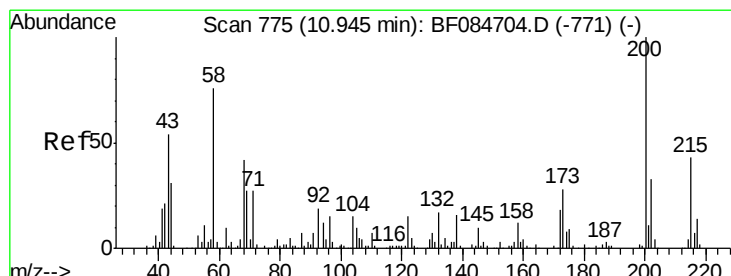
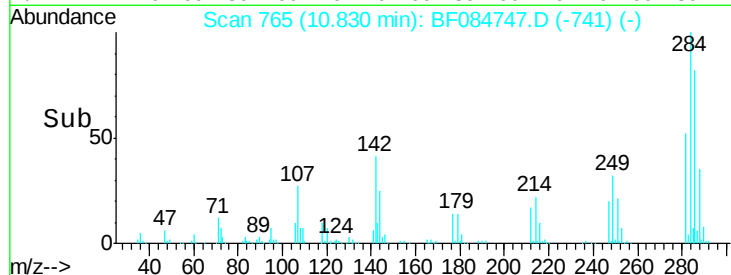
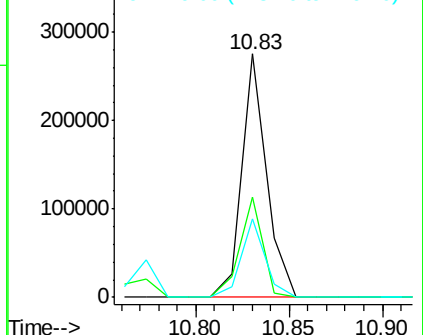
249 32.4 24.6 37.0



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: 34.38 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

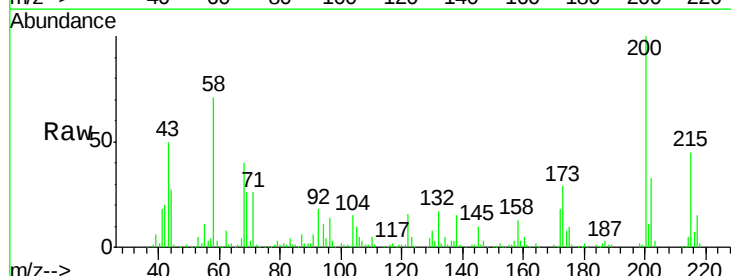
Tgt Ion:200 Resp: 195712

Ion Ratio Lower Upper

200 100

173 28.6 9.5 49.5

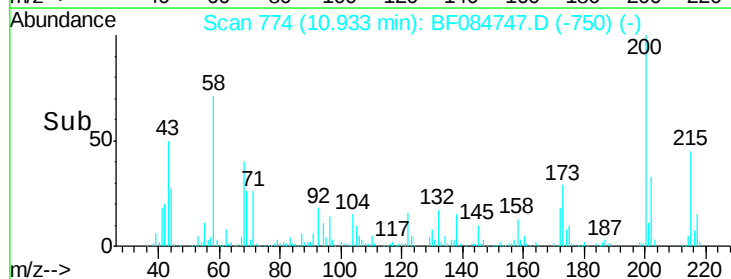
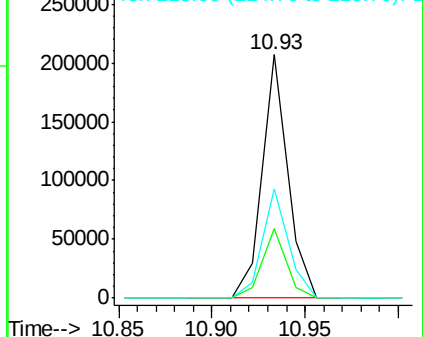
215 44.8 23.8 63.8

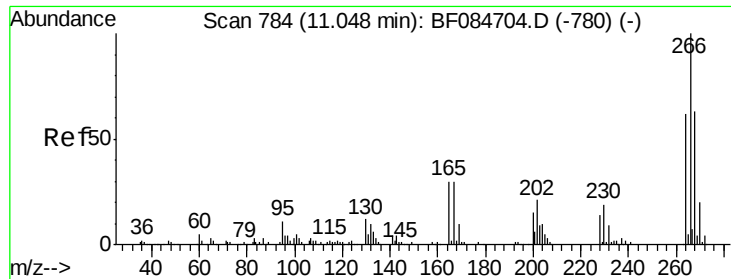


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

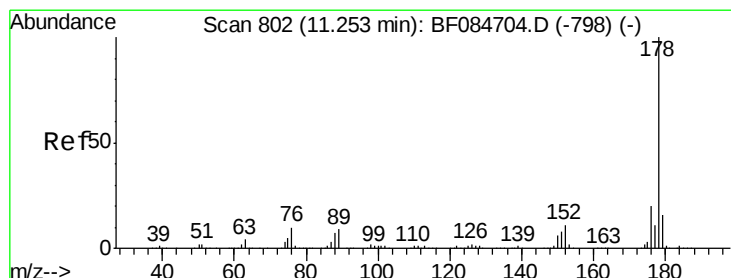
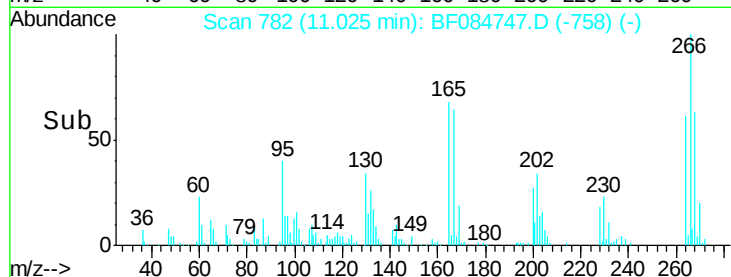
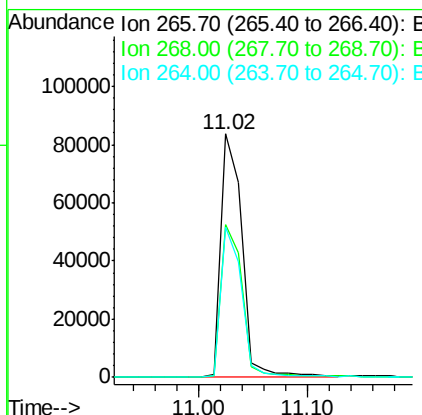
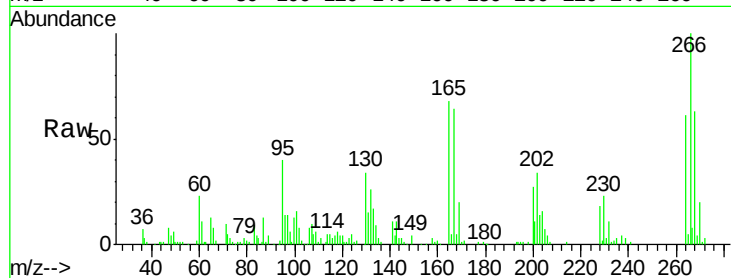




#69
 Pentachlorophenol
 Concen: 35.30 ng
 RT: 11.02 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

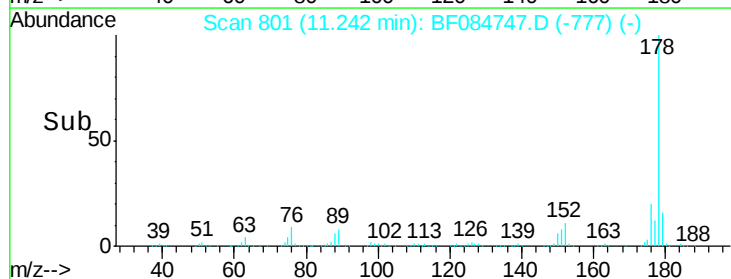
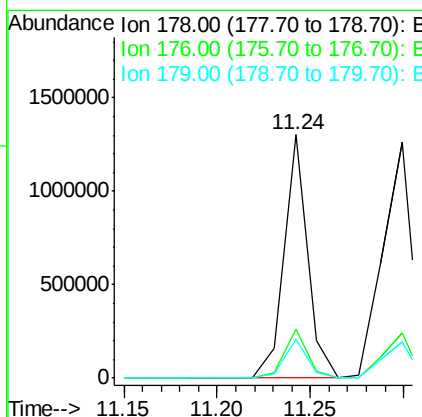
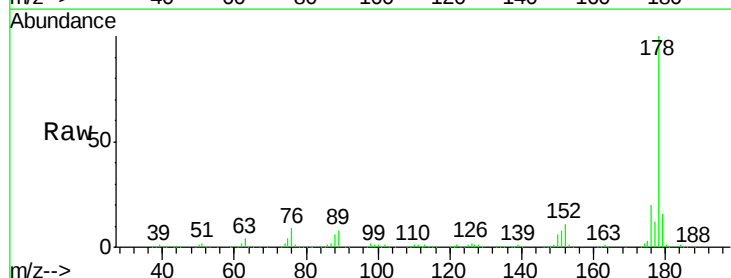
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

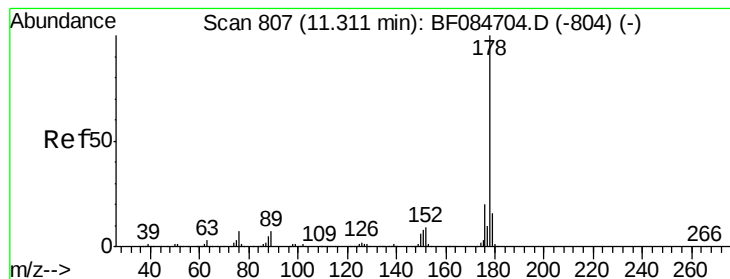
Tgt Ion:266 Resp: 113352
 Ion Ratio Lower Upper
 266 100
 268 63.0 52.4 78.6
 264 61.5 50.2 75.2



#70
 Phenanthrene
 Concen: 36.43 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Tgt Ion:178 Resp: 1147154
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.3 22.9
 179 16.1 12.0 18.0





#71

Anthracene

Concen: 41.19 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

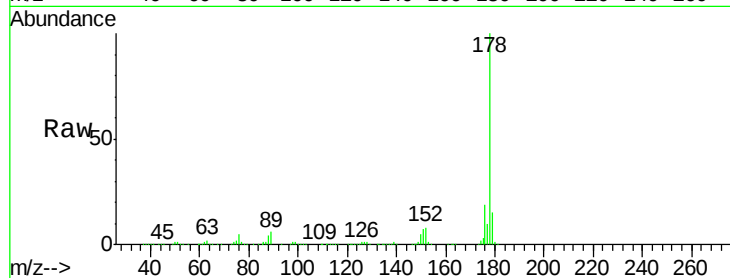
Tgt Ion:178 Resp: 1306857

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

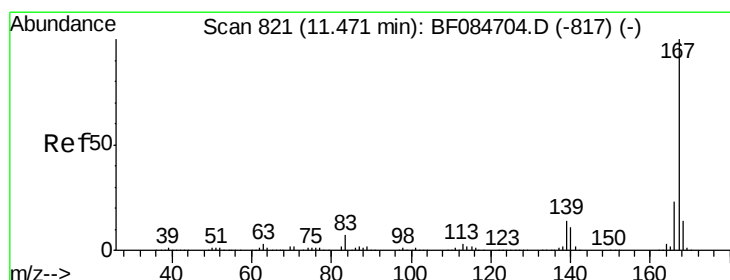
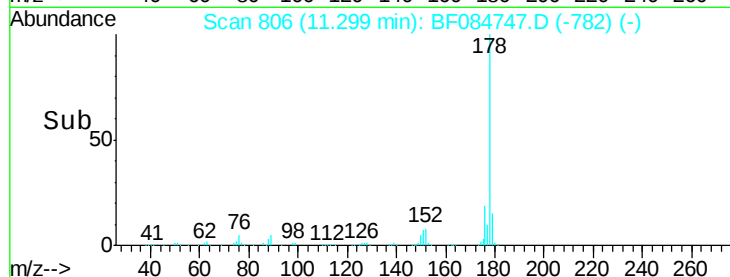
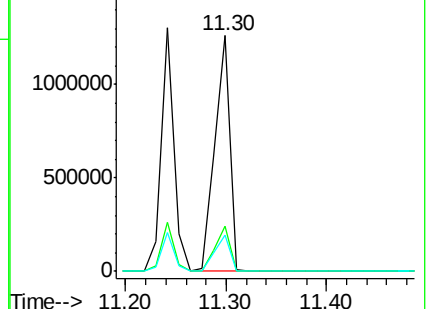
179 15.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.77 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

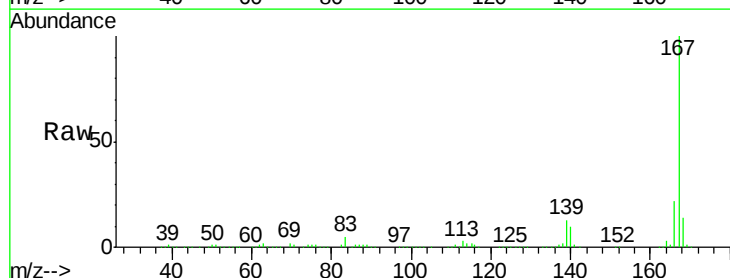
Tgt Ion:167 Resp: 1127874

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

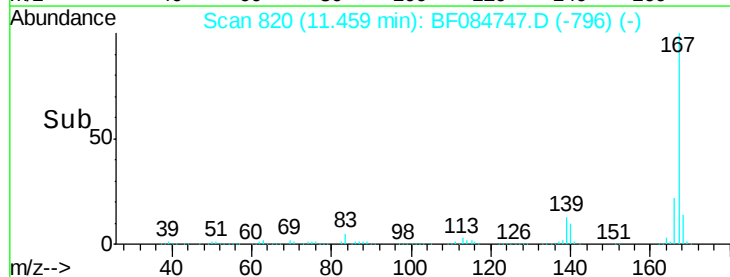
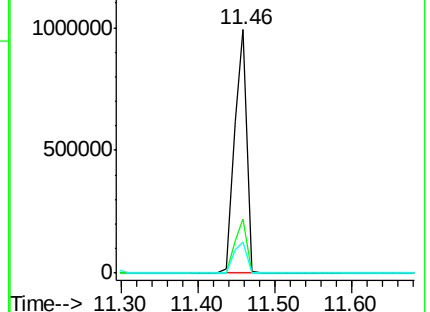
139 12.7 11.8 17.8

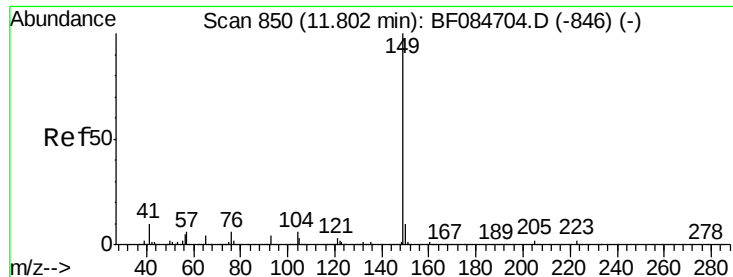


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.22 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

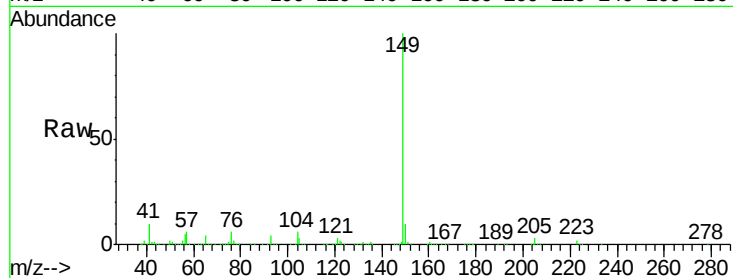
Tgt Ion:149 Resp: 1275621

Ion Ratio Lower Upper

149 100

150 9.8 7.1 10.7

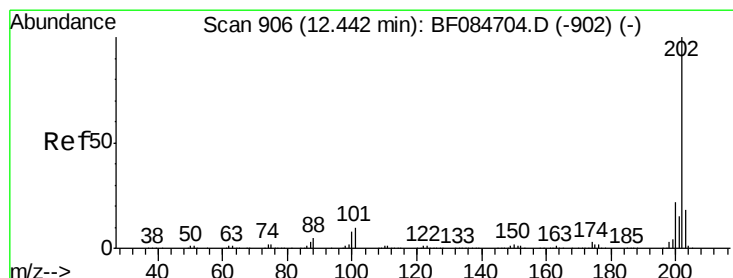
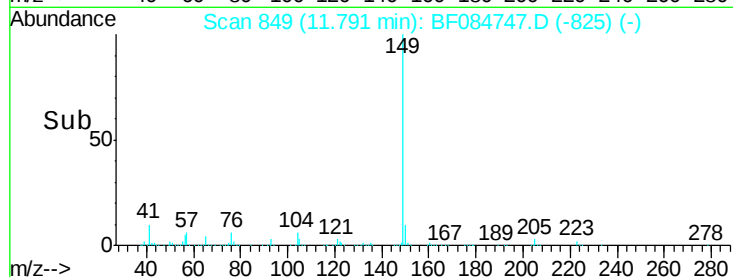
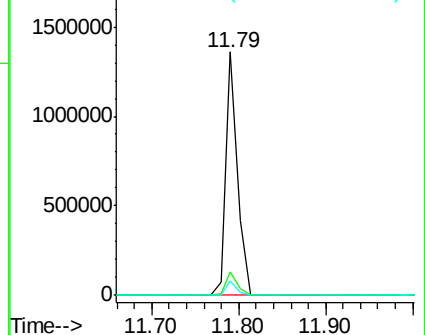
104 5.8 3.2 4.8#



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: 40.93 ng

RT: 12.43 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

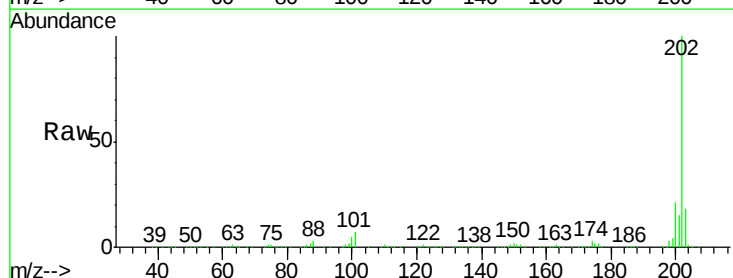
Tgt Ion:202 Resp: 1304519

Ion Ratio Lower Upper

202 100

101 7.3 0.0 32.8

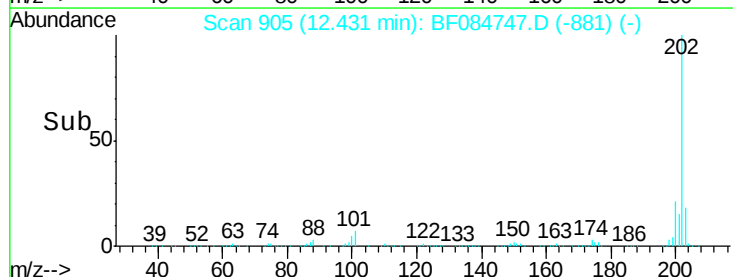
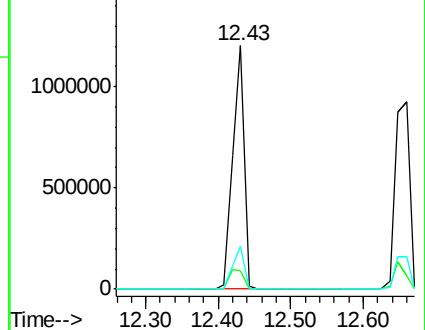
203 17.8 0.0 37.9

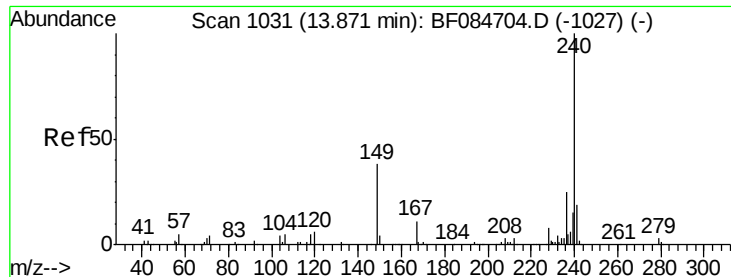


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

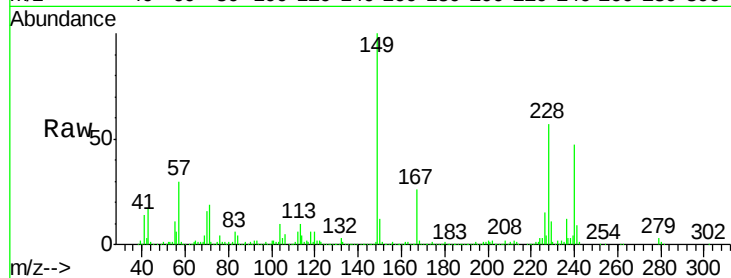
Tgt Ion:240 Resp: 387122

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

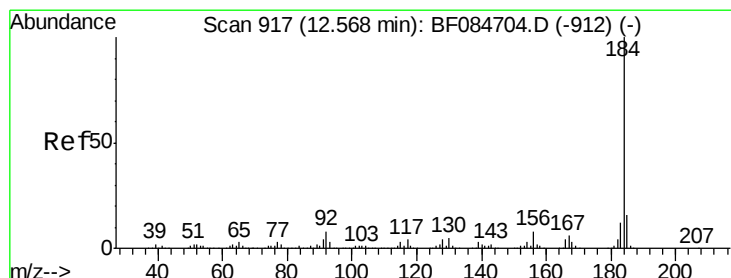
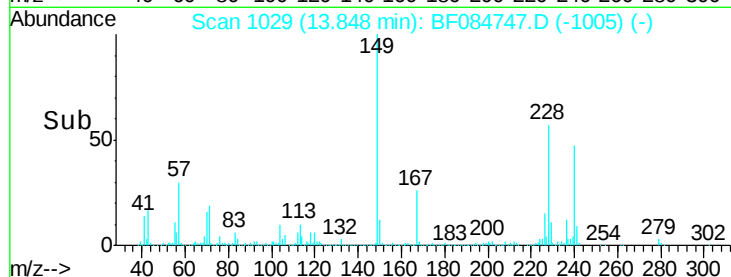
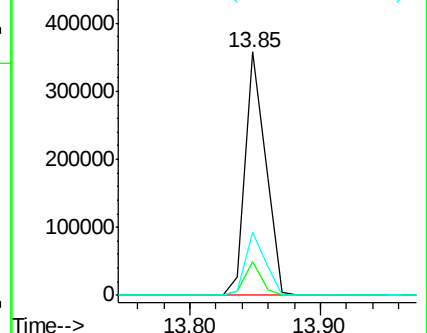
236 25.7 20.6 31.0



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: 46.37 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

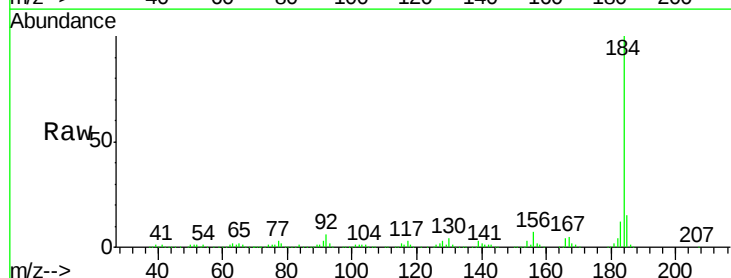
Tgt Ion:184 Resp: 616918

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.2

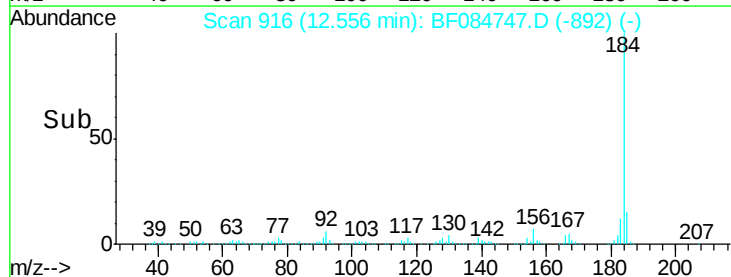
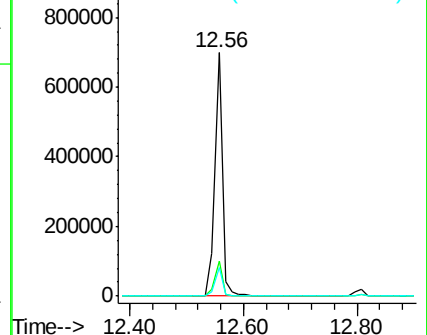
183 11.5 9.8 14.8

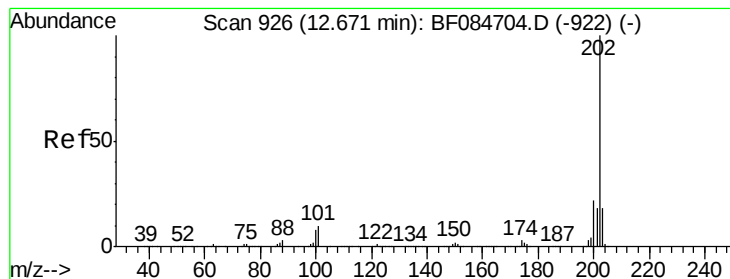


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.97 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

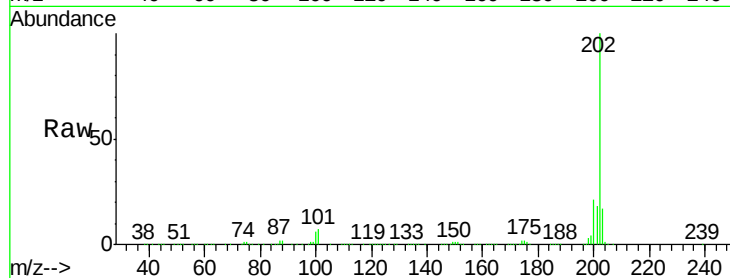
Tgt Ion:202 Resp: 1273516

Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

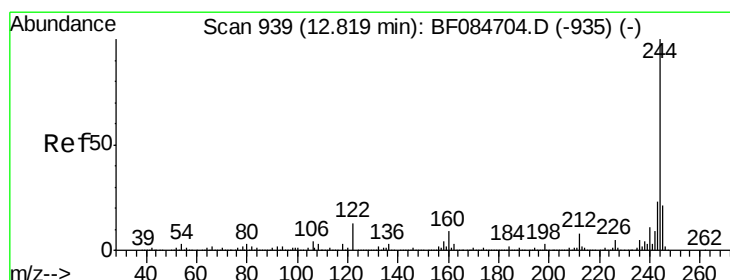
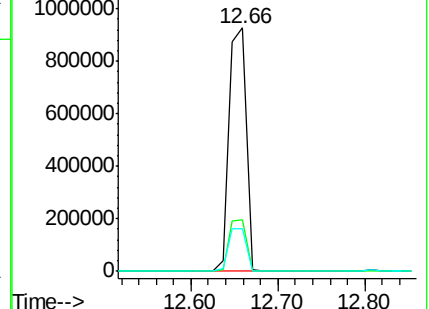
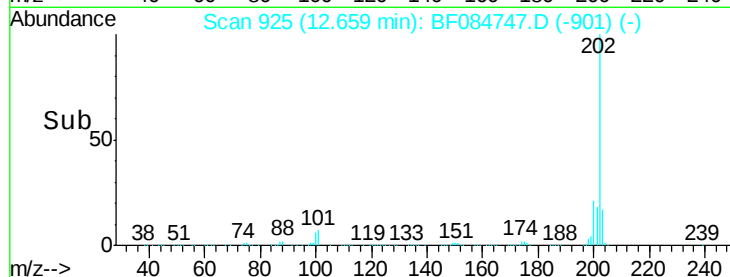
203 17.3 14.3 21.5



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: 88.60 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

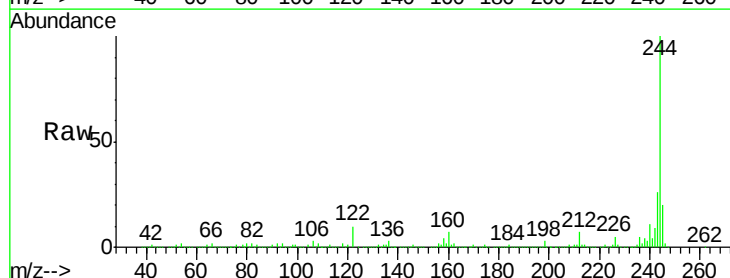
Tgt Ion:244 Resp: 1513596

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

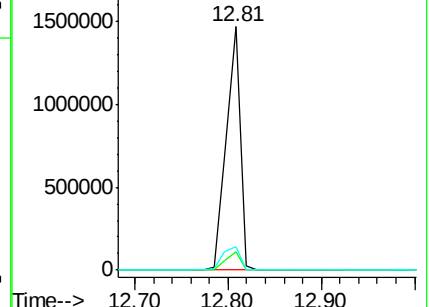
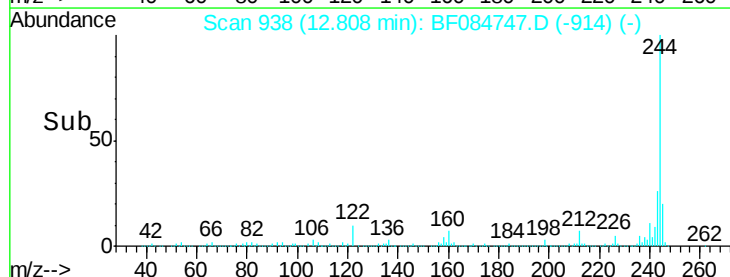
122 9.7 7.4 11.0

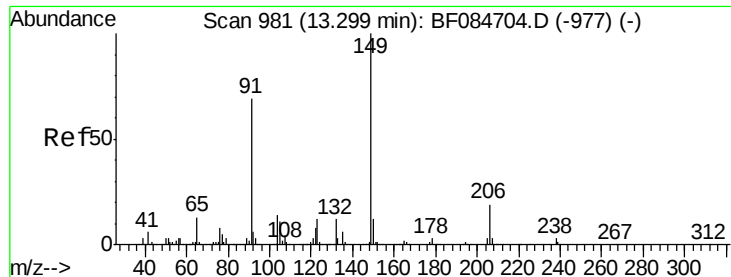


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

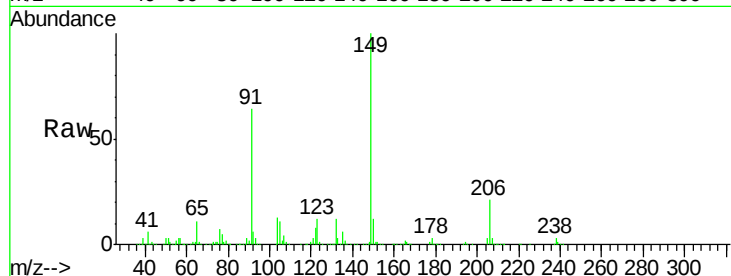




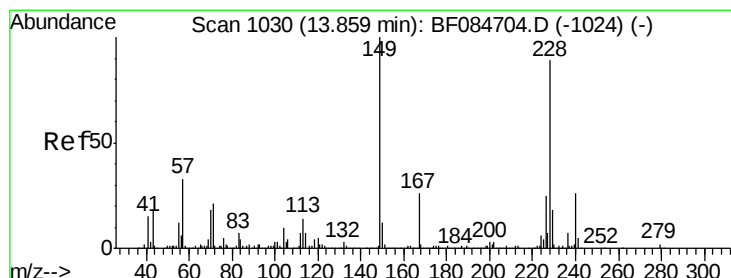
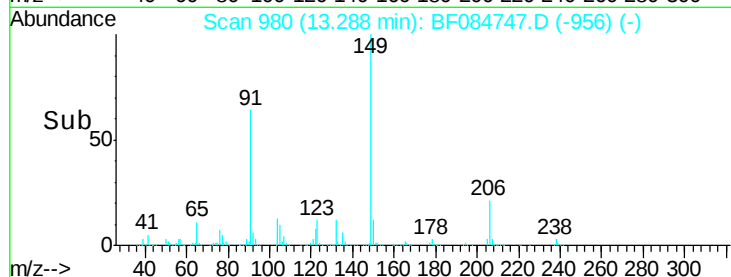
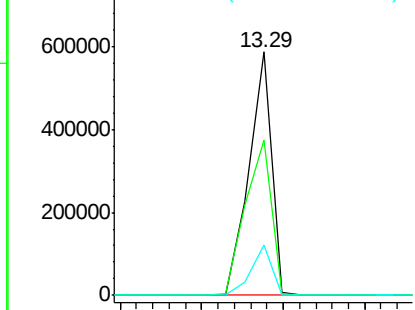
#79
Butylbenzylphthalate
Concen: 42.07 ng
RT: 13.29 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.8	57.6	86.4
206	20.8	13.2	19.8

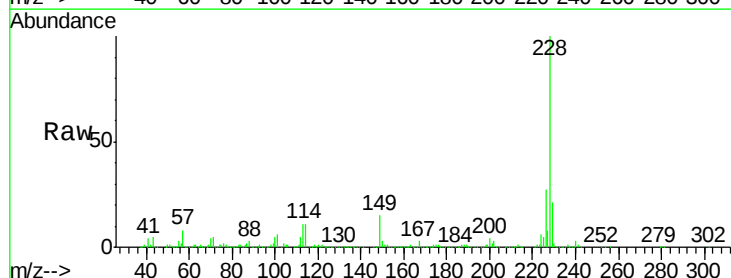


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

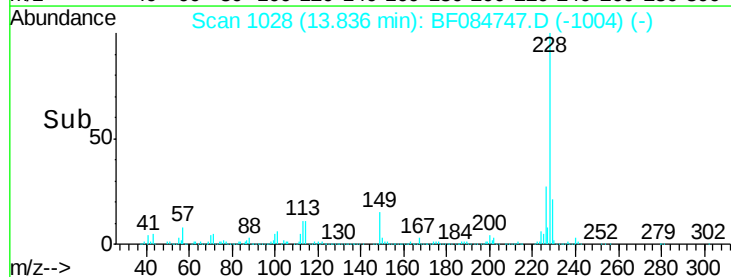
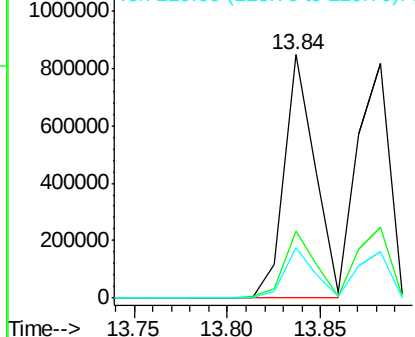


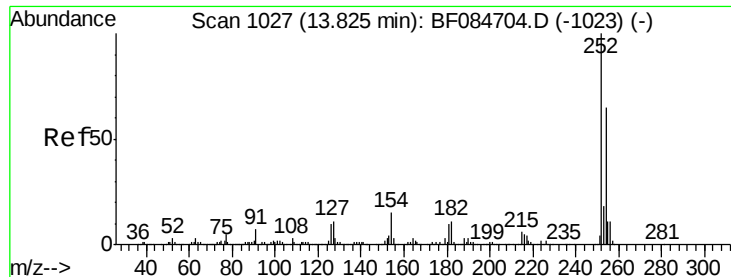
#80
Benzo(a)anthracene
Concen: 40.62 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.6
229	20.6	15.8	23.8



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

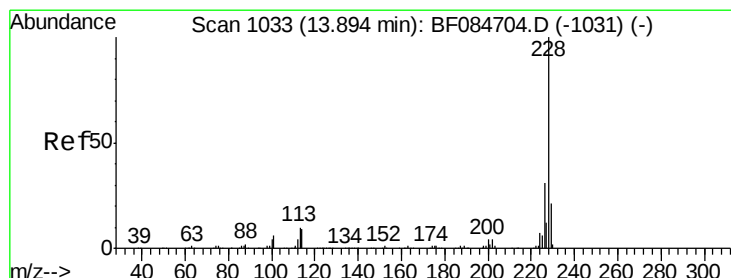
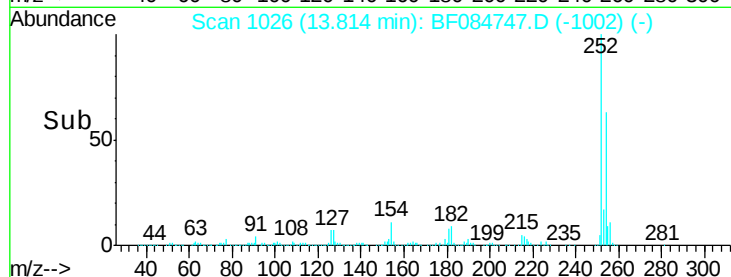
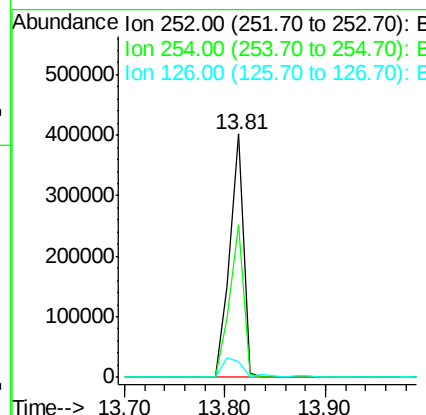
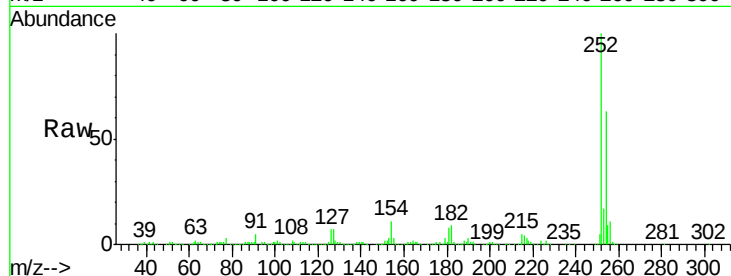




#81
 3,3'-Dichlorobenzidine
 Concen: 45.73 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

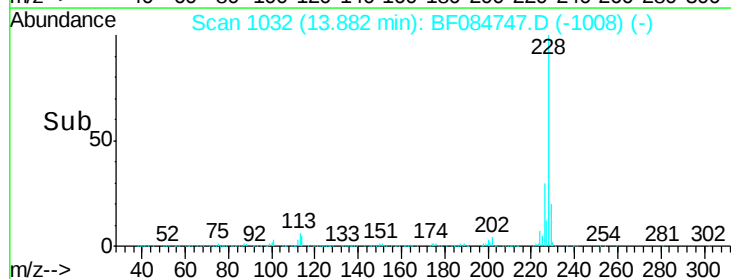
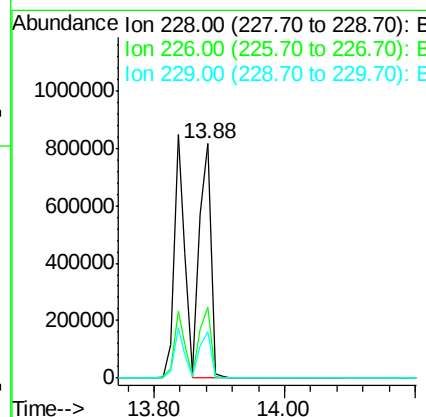
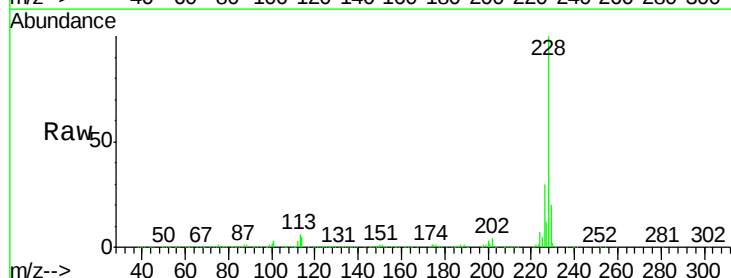
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

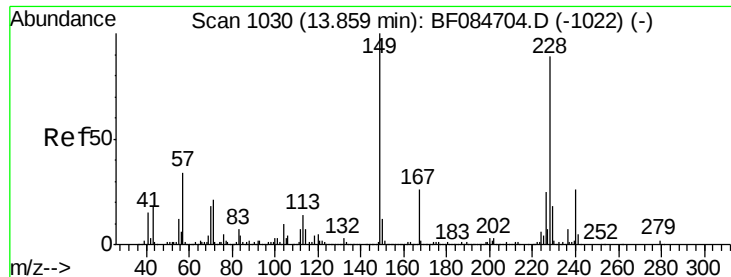
Tgt Ion:252 Resp: 389010
 Ion Ratio Lower Upper
 252 100
 254 63.0 53.5 80.3
 126 6.7 4.9 7.3



#82
 Chrysene
 Concen: 41.80 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Tgt Ion:228 Resp: 973926
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.3 36.5
 229 19.7 16.1 24.1

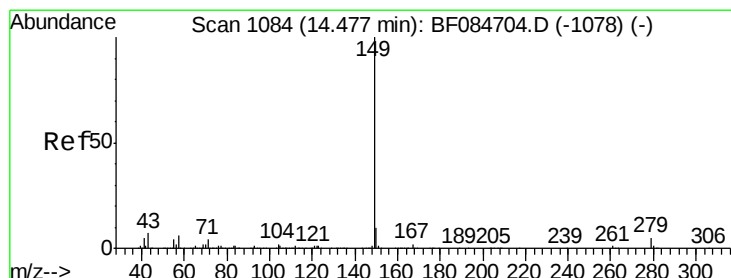
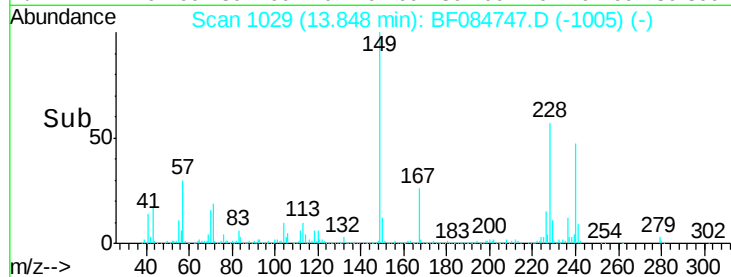
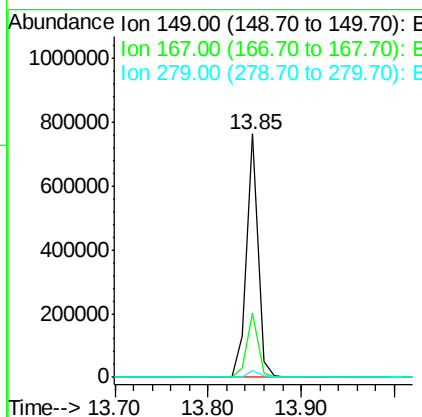
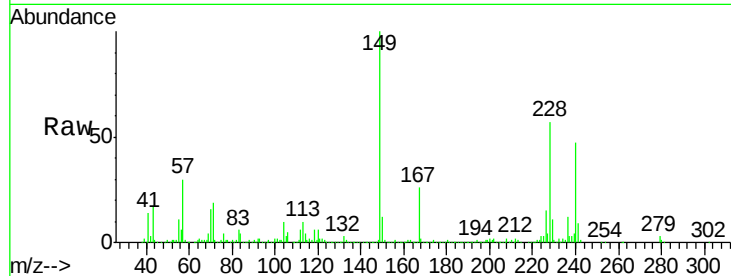




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.26 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

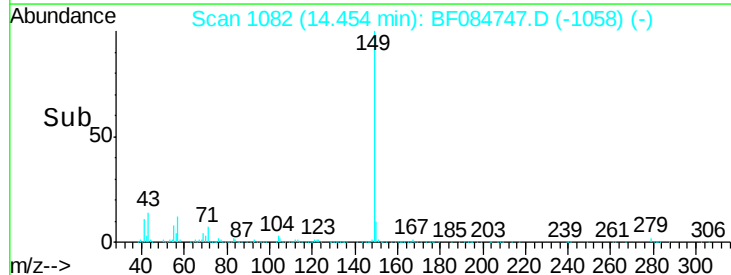
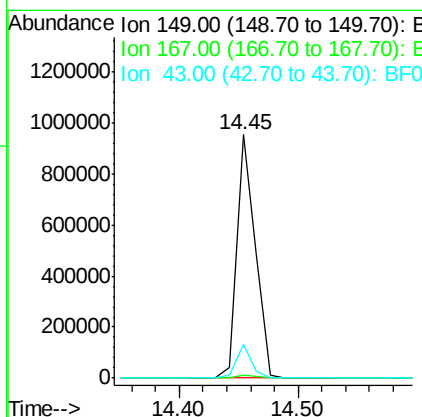
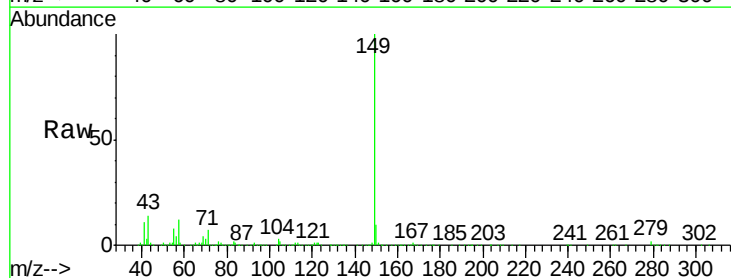
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

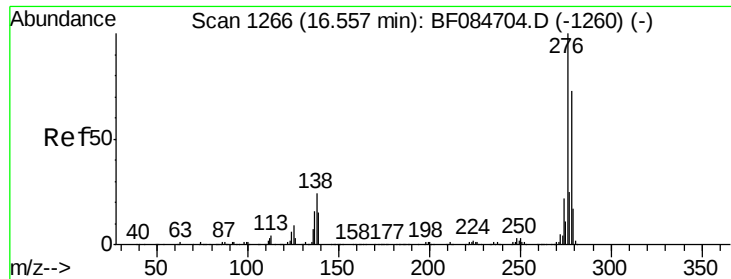
Tgt Ion:149 Resp: 656856
 Ion Ratio Lower Upper
 149 100
 167 26.4 19.7 29.5
 279 2.8 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 37.00 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Tgt Ion:149 Resp: 1021349
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 11.3 5.6 8.4#

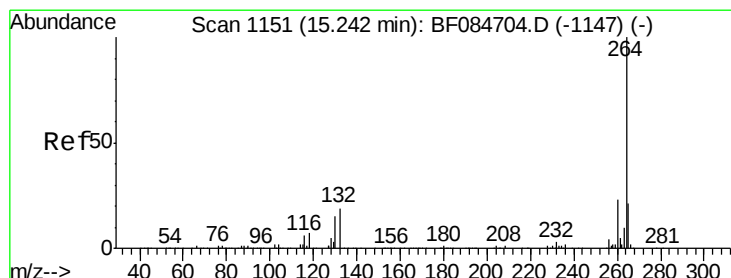
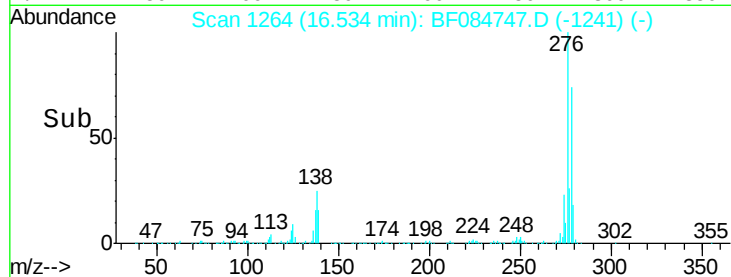
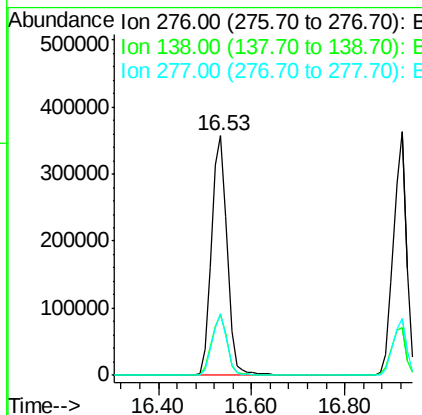
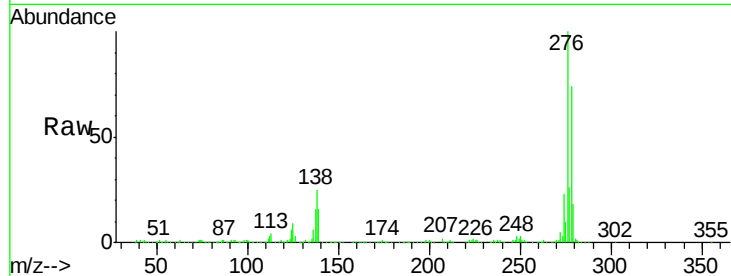




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.90 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.03 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

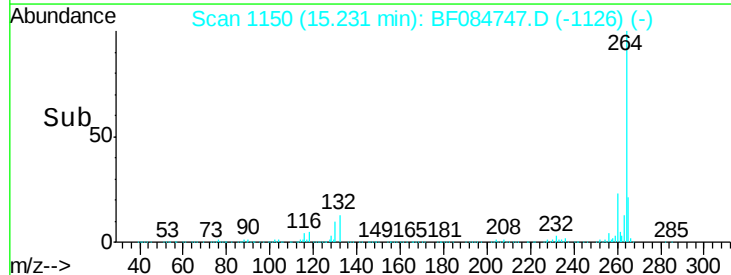
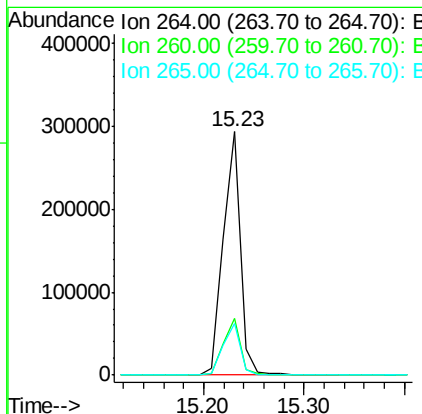
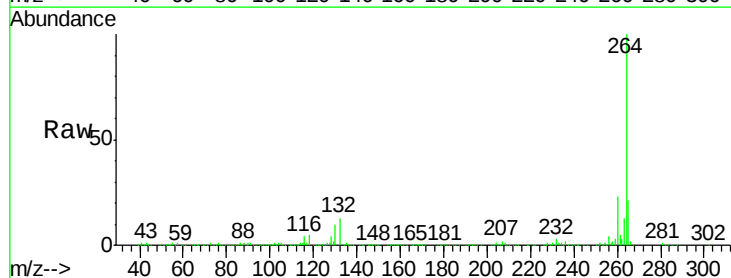
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

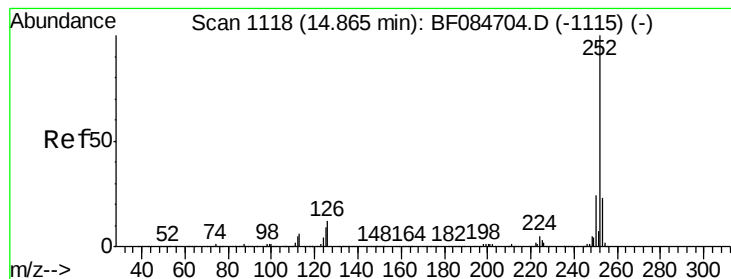
Tgt Ion: 276 Resp: 841708
 Ion Ratio Lower Upper
 276 100
 138 25.2 20.6 30.8
 277 24.6 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Tgt Ion: 264 Resp: 347934
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.3 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 69.21 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

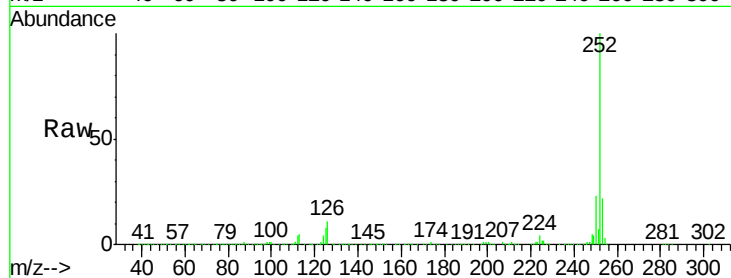
Tgt Ion:252 Resp: 1617922

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

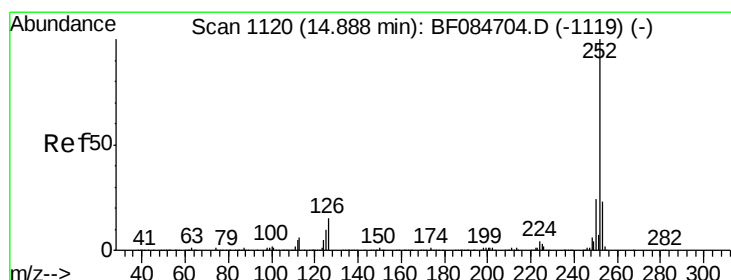
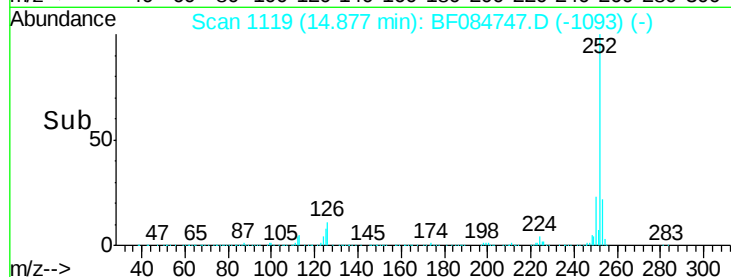
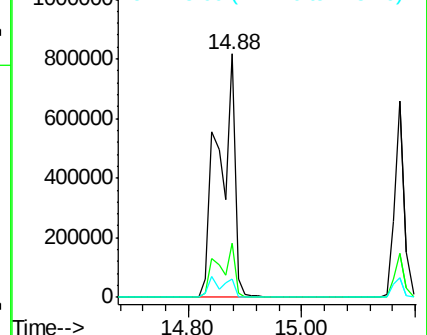
125 7.8 6.5 9.7



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: 83.70 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

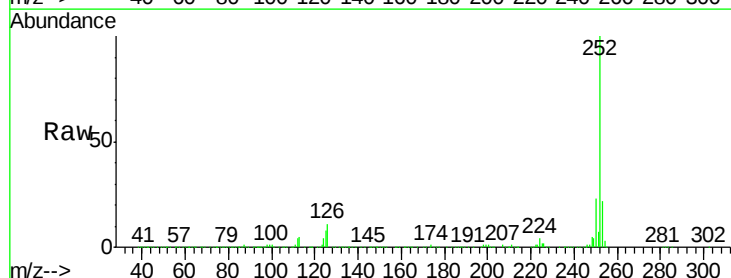
Tgt Ion:252 Resp: 1617922

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

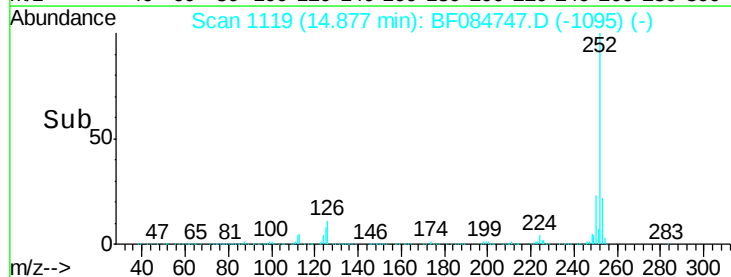
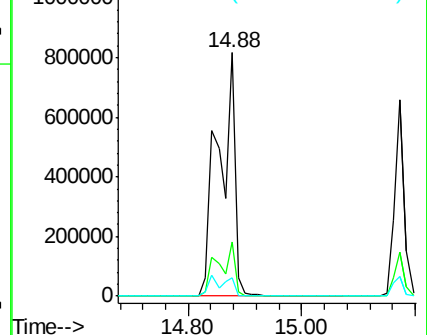
125 7.8 9.0 13.6#

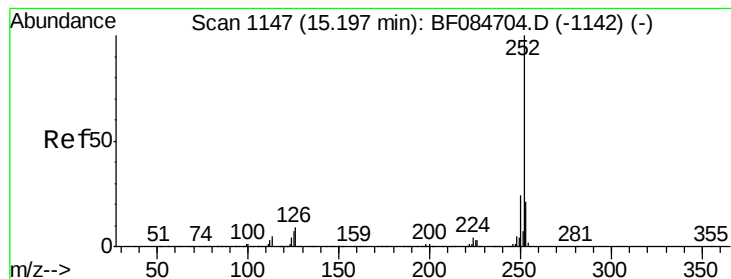


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.08 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

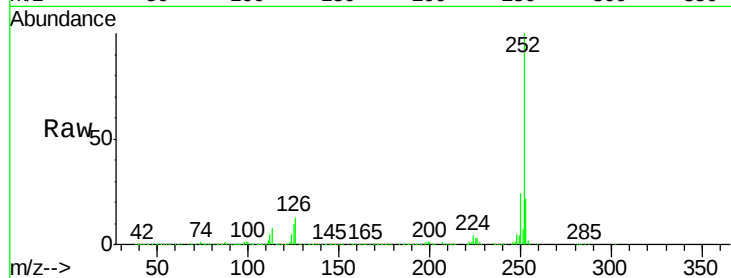
Tgt Ion:252 Resp: 758454

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

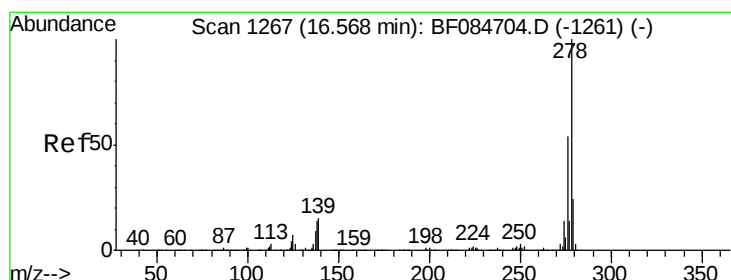
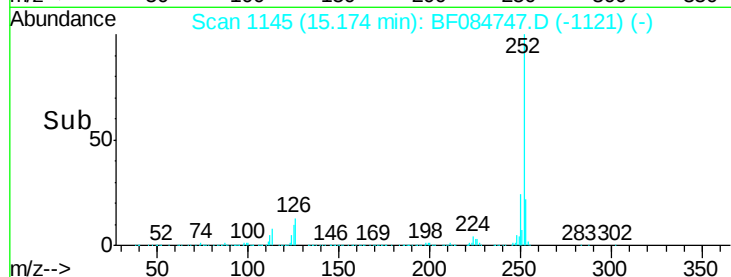
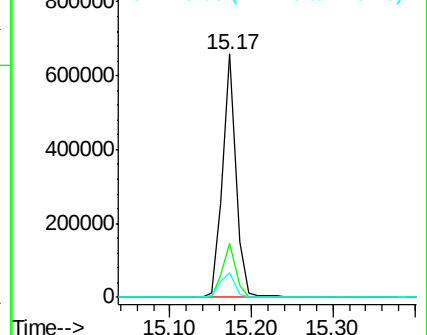
125 10.1 7.0 10.4



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: 41.06 ng

RT: 16.55 min Scan# 1265

Delta R.T. -0.03 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

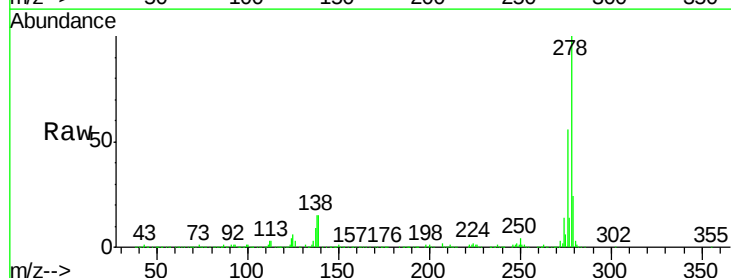
Tgt Ion:278 Resp: 688402

Ion Ratio Lower Upper

278 100

139 15.0 15.0 22.4

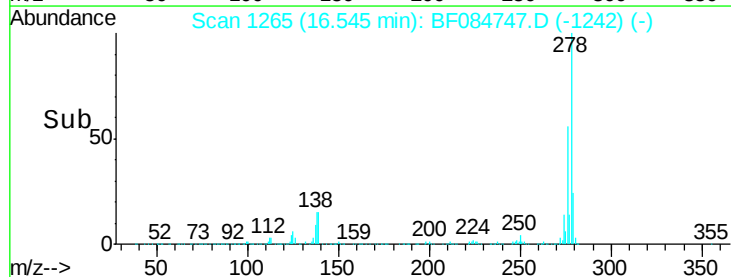
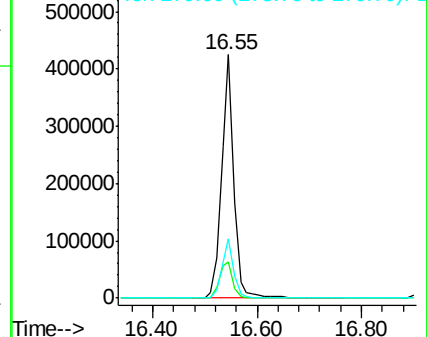
279 24.1 18.9 28.3

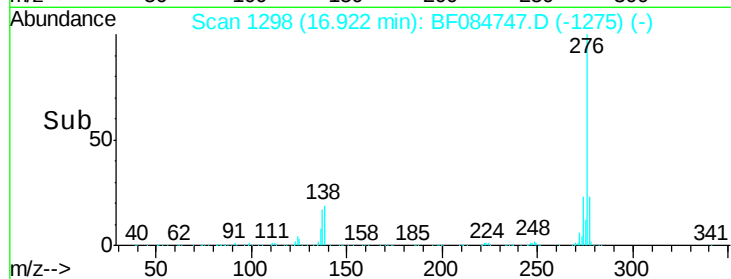
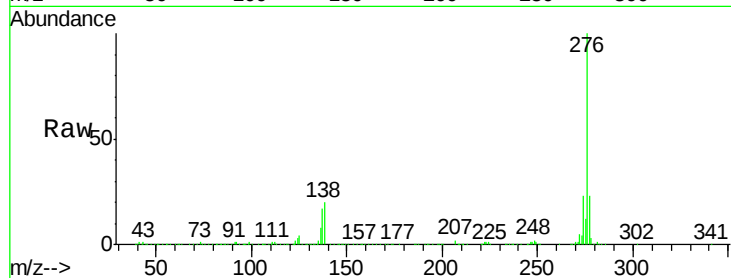
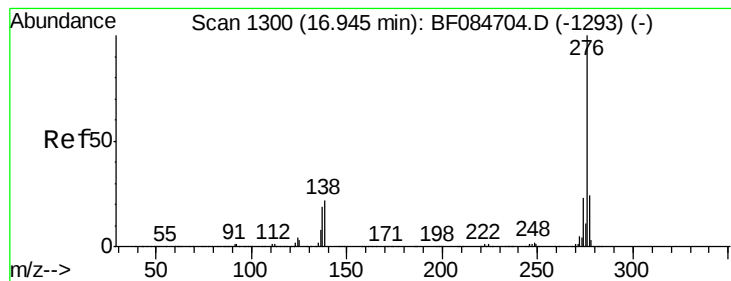


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.12 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.03 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 276 Resp: 711359

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 19.5 17.8 26.6

