

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084466.D
 Acq On : 14 Jan 2016 2:42
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 14 11:16:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	275830	20.00	ng	-0.07
21) Naphthalene-d8	8.12	136	1159067	20.00	ng	-0.07
38) Acenaphthene-d10	9.87	164	529166	20.00	ng	-0.08
63) Phenanthrene-d10	11.36	188	1003914	20.00	ng	-0.07
75) Chrysene-d12	14.00	240	796216	20.00	ng	-0.07
86) Perylene-d12	15.41	264	595104	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1388525	81.42	ng	-0.06
7) Phenol-d6	6.48	99	1626898	75.96	ng	-0.06
23) Nitrobenzene-d5	7.40	82	1470937	70.63	ng	-0.07
41) 2,4,6-Tribromophenol	10.67	330	413185	77.34	ng	-0.07
44) 2-Fluorobiphenyl	9.20	172	2309258	76.11	ng	-0.07
78) Terphenyl-d14	12.95	244	2278922	63.89	ng	-0.07

Target Compounds						Qvalue
2) 1,4-Dioxane	2.41	88	332471	41.16	ng	# 76
3) Pyridine	3.13	79	912725	40.52	ng	# 79
4) n-Nitrosodimethylamine	3.08	42	415391	35.93	ng	91
6) Aniline	6.50	93	1196804	38.20	ng	87
8) 2-Chlorophenol	6.62	128	778318	40.23	ng	93
9) Benzaldehyde	6.37	77	483731	34.69	ng	94
10) Phenol	6.49	94	861329	35.37	ng	81
11) bis(2-Chloroethyl)ether	6.57	93	761548	40.37	ng	# 80
12) 1,3-Dichlorobenzene	6.85	146	836584	41.92	ng	97
13) 1,4-Dichlorobenzene	6.85	146	836584	41.80	ng	94
14) 1,2-Dichlorobenzene	7.00	146	697164	36.37	ng	96
15) Benzyl Alcohol	6.98	79	599887	33.30	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1208276	35.17	ng	86
17) 2-Methylphenol	7.10	107	663478	40.92	ng	96
18) Hexachloroethane	7.34	117	305884	38.22	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	497316	34.30	ng	# 75
20) 3+4-Methylphenols	7.25	107	685680	35.98	ng	# 58
22) Acetophenone	7.25	105	1085705	38.95	ng	# 92
24) Nitrobenzene	7.42	77	907213	42.95	ng	96
25) Isophorone	7.66	82	1501574	37.70	ng	98
26) 2-Nitrophenol	7.73	139	394454	41.03	ng	# 78
27) 2,4-Dimethylphenol	7.78	122	692483	35.59	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	935540	38.45	ng	# 96
29) 2,4-Dichlorophenol	7.98	162	658037	40.60	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	682020	40.76	ng	# 96
31) Naphthalene	8.14	128	2143262	40.76	ng	98
32) Benzoic acid	7.90	122	360446	31.29	ng	93
33) 4-Chloroaniline	8.19	127	947613	39.31	ng	97
34) Hexachlorobutadiene	8.26	225	353942	36.80	ng	98
35) Caprolactam	8.57	113	223153	40.84	ng	# 52
36) 4-Chloro-3-methylphenol	8.68	107	666558	36.71	ng	94
37) 2-Methylnaphthalene	8.83	142	1373692	36.39	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	640430	42.10	ng	100
40) Hexachlorocyclopentadiene	8.99	237	325663	35.46	ng	99

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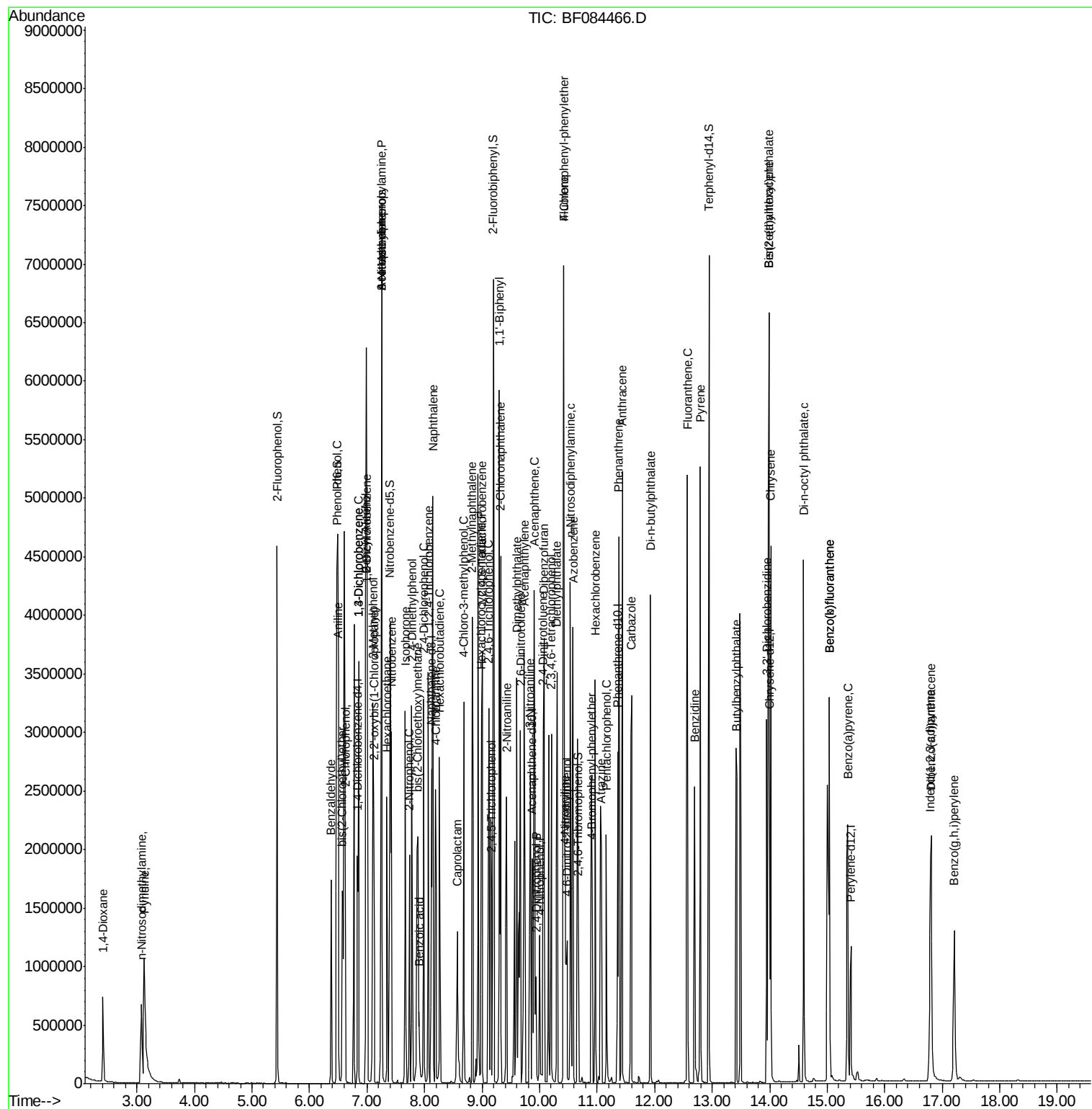
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	436066	38.31	nq	94
43) 2,4,5-Trichlorophenol	9.16	196	427081	39.14	nq	95
45) 1,1'-Biphenyl	9.30	154	1663066	39.54	nq	99
46) 2-Chloronaphthalene	9.32	162	1225852	37.11	nq	95
47) 2-Nitroaniline	9.42	65	498929	45.76	nq	# 78
48) Acenaphthylene	9.73	152	1925169	39.45	nq	97
49) Dimethylphthalate	9.61	163	1594361	42.15	nq	# 90
50) 2,6-Dinitrotoluene	9.66	165	350138	42.20	nq	# 68
51) Acenaphthene	9.90	154	1270965	38.82	nq	98
52) 3-Nitroaniline	9.84	138	452982	44.06	nq	86
53) 2,4-Dinitrophenol	9.94	184	155314	45.55	nq	# 83
54) Dibenzofuran	10.08	168	1689803	39.49	nq	91
55) 4-Nitrophenol	10.01	139	306055	41.01	nq	# 80
56) 2,4-Dinitrotoluene	10.06	165	424814	40.45	nq	# 90
57) Fluorene	10.42	166	1240232	37.43	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	381440	40.95	nq	89
59) Diethylphthalate	10.30	149	1548842	41.52	nq	96
60) 4-Chlorophenyl-phenylether	10.42	204	642158	46.72	nq	94
61) 4-Nitroaniline	10.44	138	415862	45.38	nq	89
62) Azobenzene	10.58	77	1715055	41.92	nq	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	245512	40.03	nq	83
65) n-Nitrosodiphenylamine	10.53	169	1148507	35.78	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	421984	39.05	nq	96
67) Hexachlorobenzene	10.97	284	430686	35.41	nq	# 87
68) Atrazine	11.07	200	425564	40.51	nq	93
69) Pentachlorophenol	11.16	266	212479	33.69	nq	98
70) Phenanthrene	11.38	178	1904438	36.27	nq	96
71) Anthracene	11.44	178	2180637	42.36	nq	97
72) Carbazole	11.60	167	1988721	39.52	nq	97
73) Di-n-butylphthalate	11.93	149	2333471	43.17	nq	# 97
74) Fluoranthene	12.57	202	2032825	37.06	nq	98
76) Benzidine	12.69	184	946221	33.14	nq	99
77) Pyrene	12.80	202	2077206	33.24	nq	97
79) Butylbenzylphthalate	13.43	149	972902	35.98	nq	# 81
80) Benzo(a)anthracene	13.99	228	1603720	34.30	nq	98
81) 3,3'-Dichlorobenzidine	13.95	252	631616	38.71	nq	# 97
82) Chrysene	14.02	228	1509815	33.61	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	1172453	34.32	nq	# 92
84) Di-n-octyl phthalate	14.59	149	1918588	33.27	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.80	276	1299323	36.49	nq	97
87) Benzo(b)fluoranthene	15.04	252	2806506	72.09	nq	# 97
88) Benzo(k)fluoranthene	15.04	252	2806506	88.15	nq	99
89) Benzo(a)pyrene	15.36	252	1310004	39.67	nq	99
90) Dibenzo(a,h)anthracene	16.81	278	1065112	37.49	nq	99
91) Benzo(g,h,i)perylene	17.21	276	1116422	37.94	nq	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

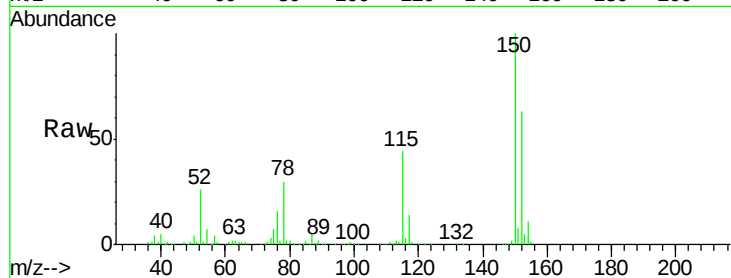
Tot Ion:152 Resp: 275830

Ion Ratio Lower Upper

152 100

150 159.4 123.0 184.4

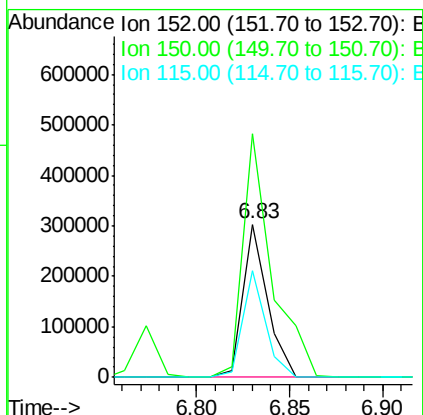
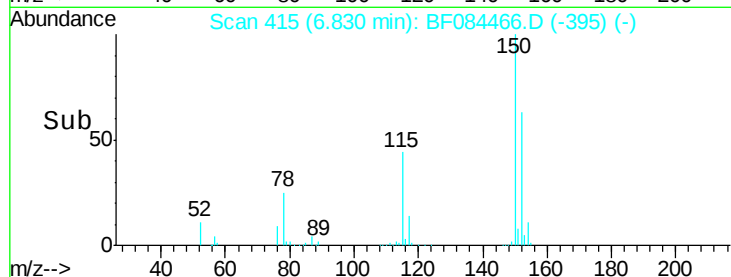
115 69.8 51.4 77.2



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: 41.16 ng

RT: 2.41 min Scan# 28

Delta R.T. -0.13 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

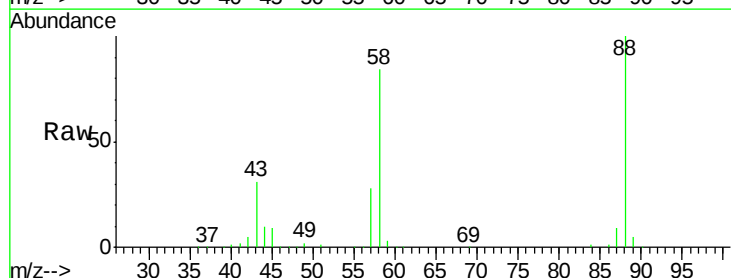
Tgt Ion: 88 Resp: 332471

Ion Ratio Lower Upper

88 100

58 84.8 51.2 76.8#

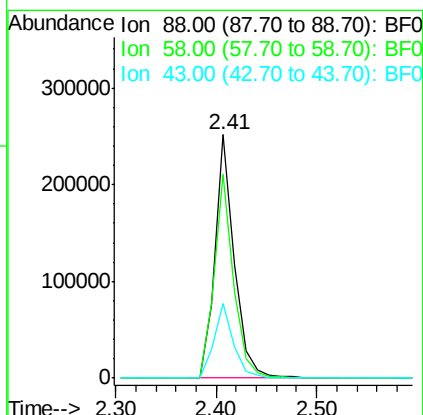
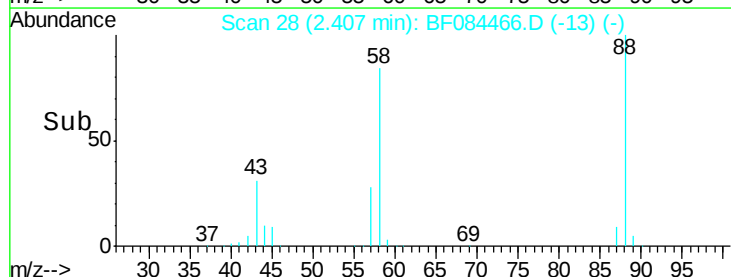
43 32.1 19.5 29.3#

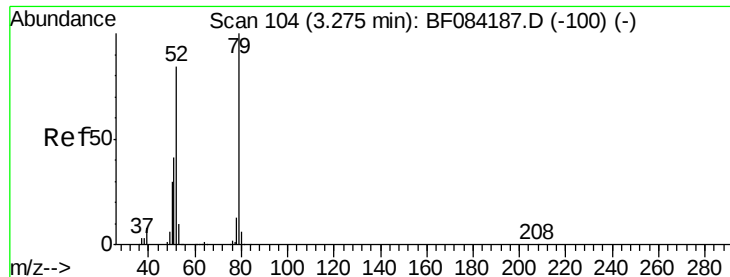


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.52 ng

RT: 3.13 min Scan# 91

Delta R.T. -0.15 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

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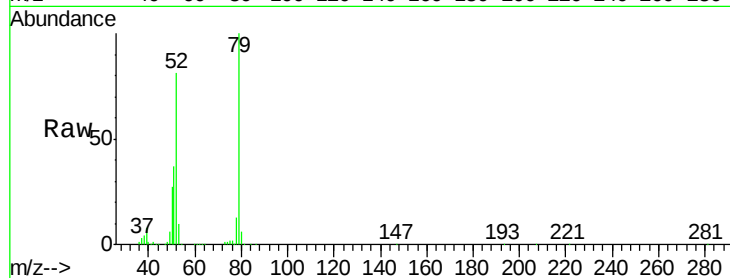
Tot Ion: 79 Resp: 912725

Ion Ratio Lower Upper

79 100

52 81.4 49.0 73.4#

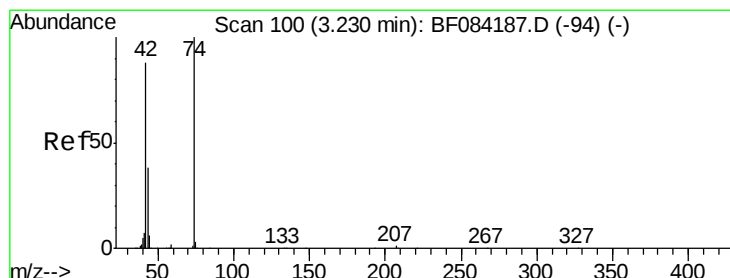
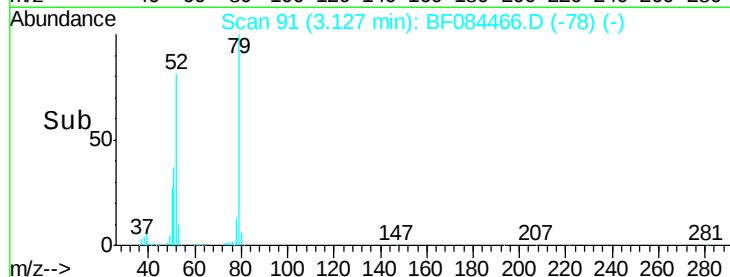
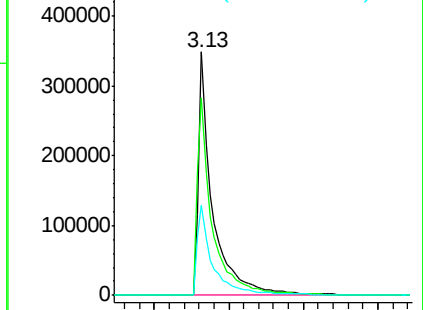
51 37.2 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.93 ng

RT: 3.08 min Scan# 87

Delta R.T. -0.15 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

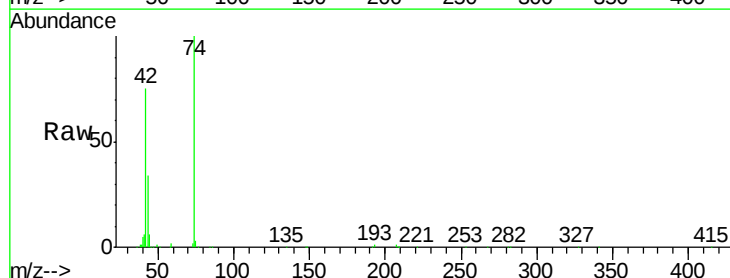
Tgt Ion: 42 Resp: 415391

Ion Ratio Lower Upper

42 100

74 132.8 115.7 173.5

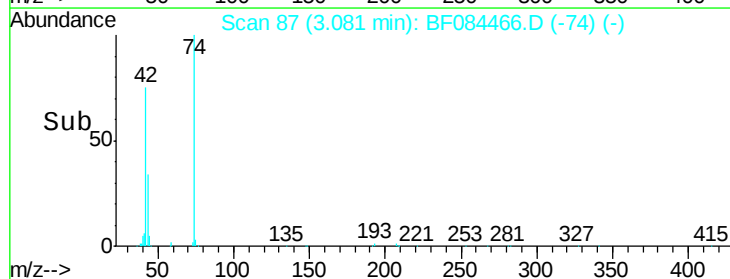
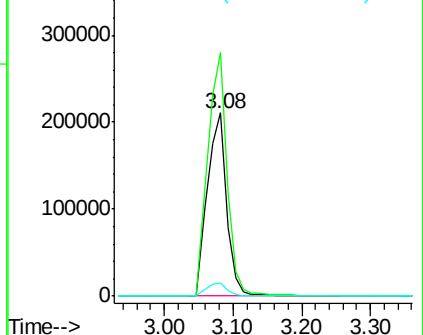
44 7.5 5.1 7.7

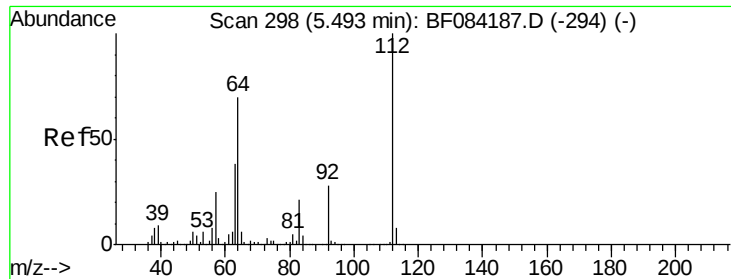


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 81.42 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.06 min

Lab File: BF084466.D

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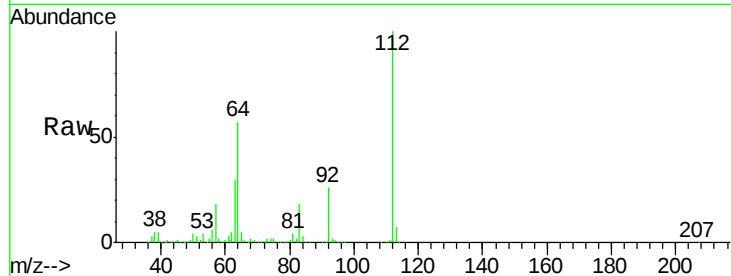
Tot Ion:112 Resp: 1388525

Ion Ratio Lower Upper

112 100

64 57.5 36.6 55.0#

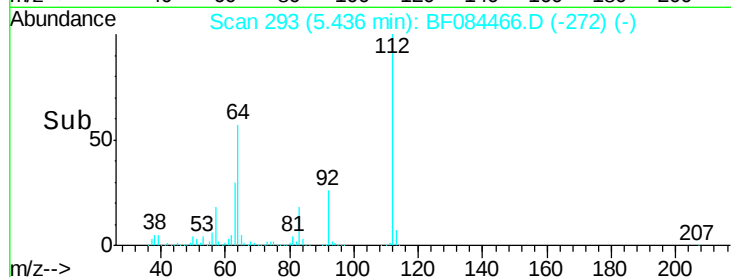
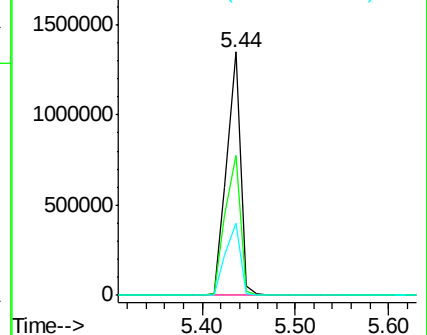
63 29.7 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.20 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

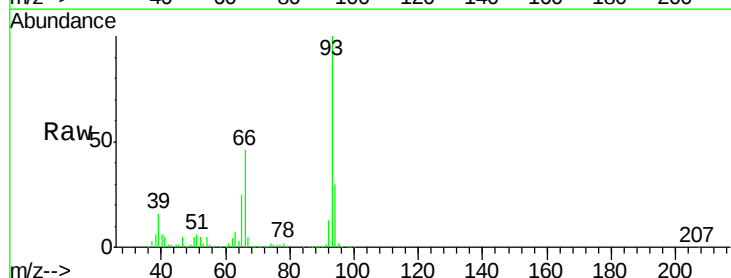
Tgt Ion: 93 Resp: 1196804

Ion Ratio Lower Upper

93 100

66 45.6 44.9 67.3

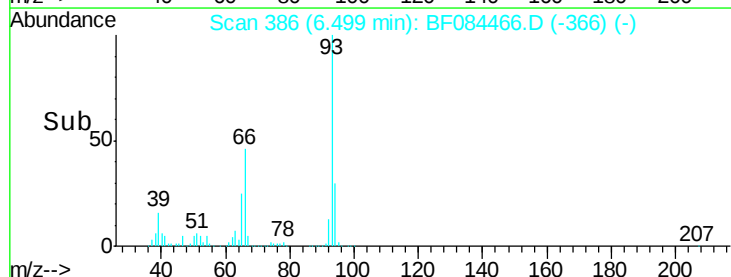
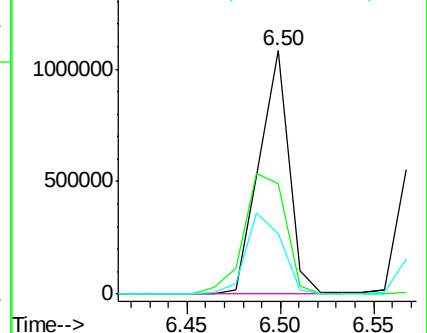
65 24.7 23.7 35.5

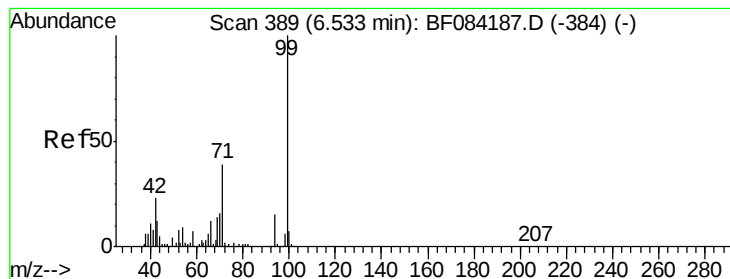


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.96 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.06 min

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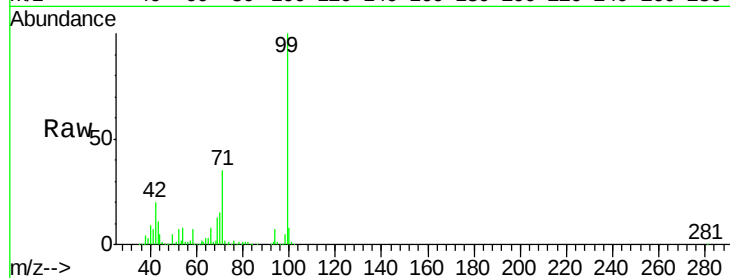
Tot Ion: 99 Resp: 1626898

Ion Ratio Lower Upper

99 100

42 20.1 12.8 19.2#

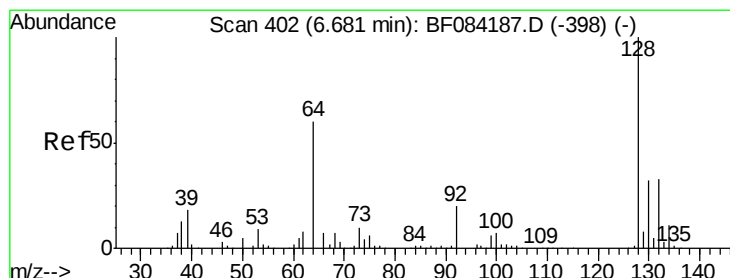
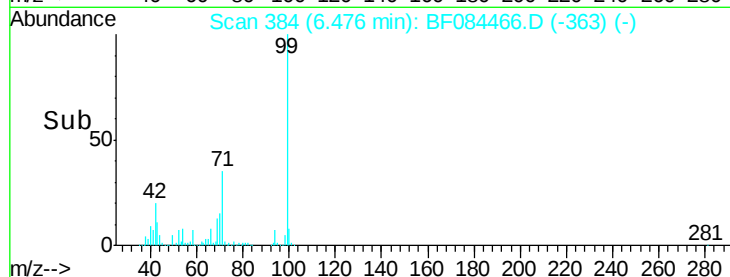
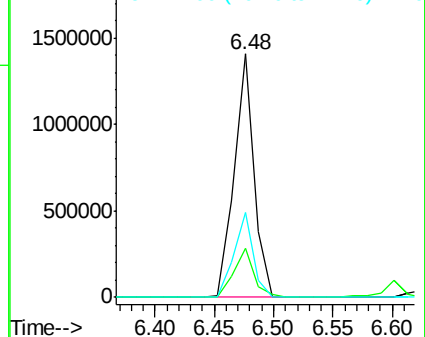
71 35.0 30.9 46.3



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: 40.23 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.06 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

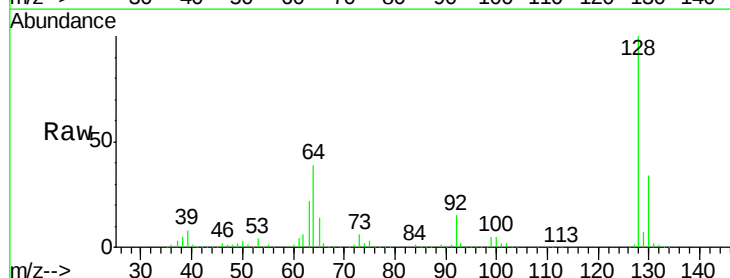
Tgt Ion: 128 Resp: 778318

Ion Ratio Lower Upper

128 100

130 34.3 11.6 51.6

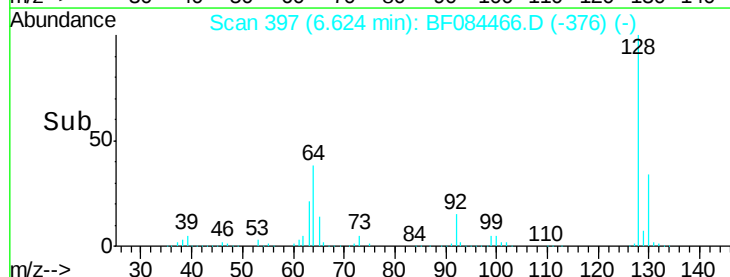
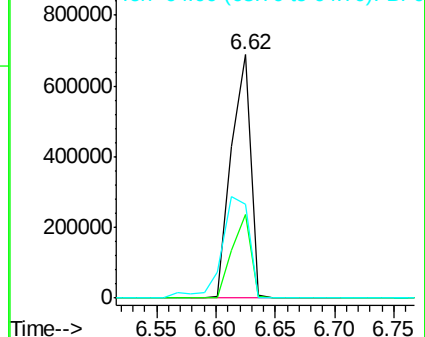
64 38.5 23.8 63.8

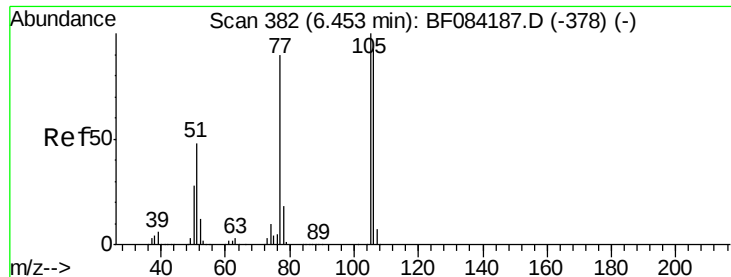


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.69 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.08 min

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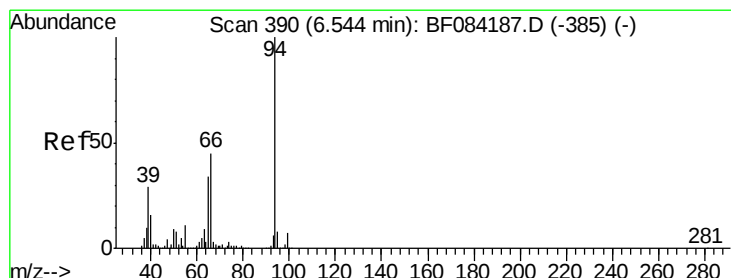
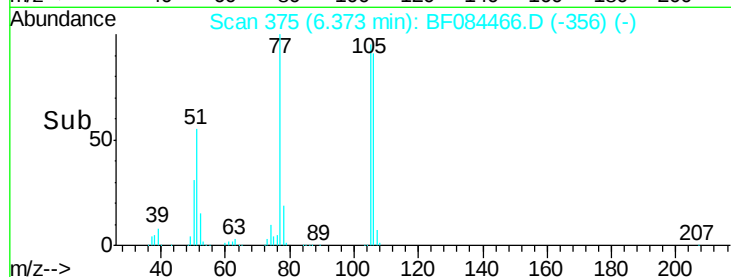
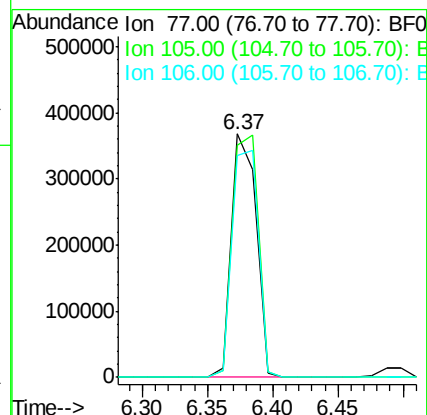
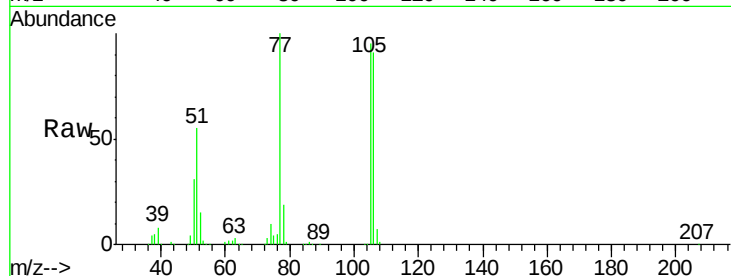
Tot Ion: 77 Resp: 483731

Ion Ratio Lower Upper

77 100

105 95.1 83.0 123.0

106 90.9 74.6 114.6



#10

Phenol

Concen: 35.37 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.06 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

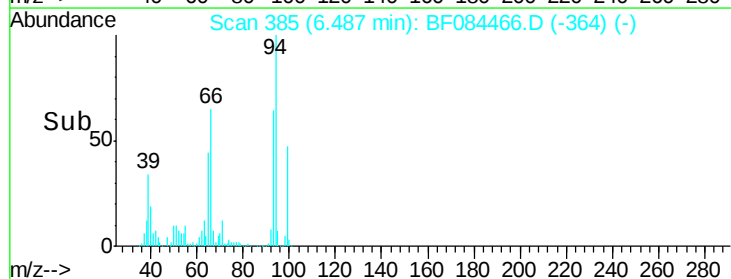
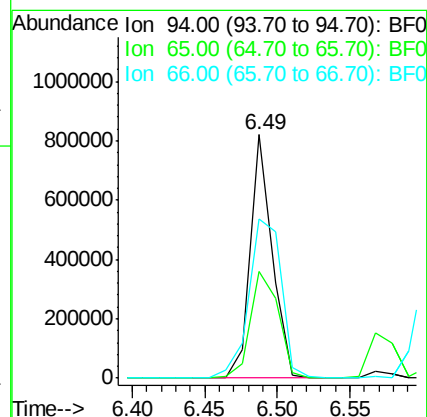
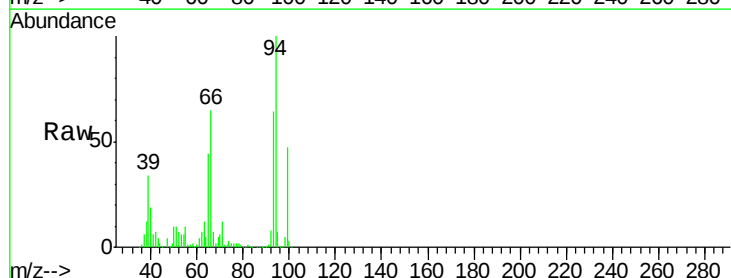
Tgt Ion: 94 Resp: 861329

Ion Ratio Lower Upper

94 100

65 43.9 12.9 52.9

66 65.5 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 40.37 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

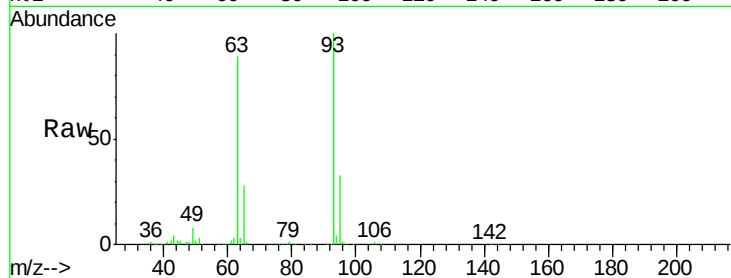
Tot Ion: 93 Resp: 761548

Ion Ratio Lower Upper

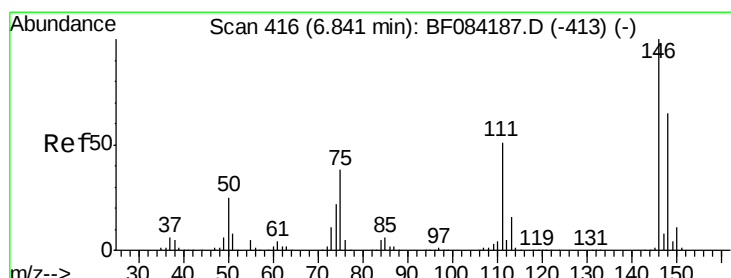
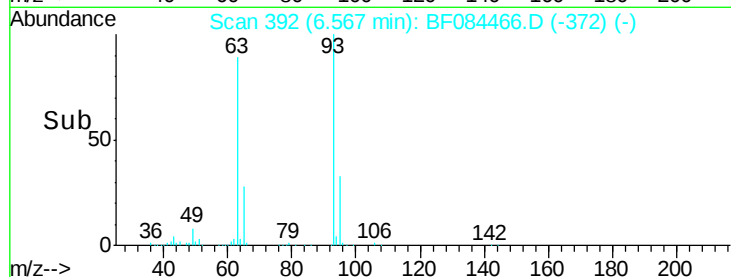
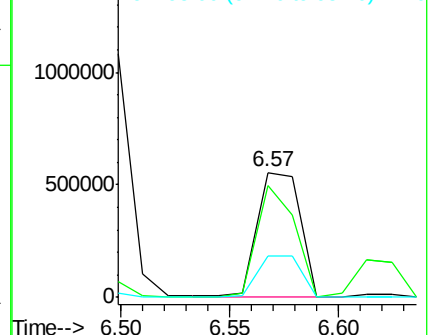
93 100

63 89.3 45.9 85.9#

95 33.0 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.92 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

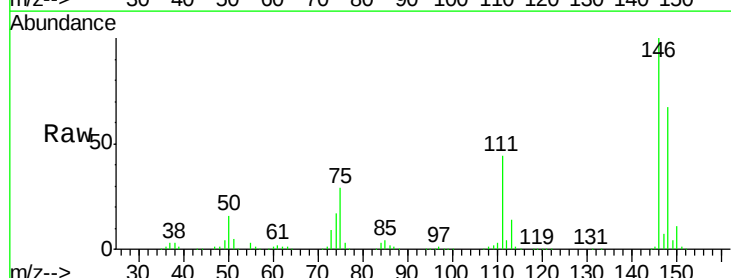
Tgt Ion: 146 Resp: 836584

Ion Ratio Lower Upper

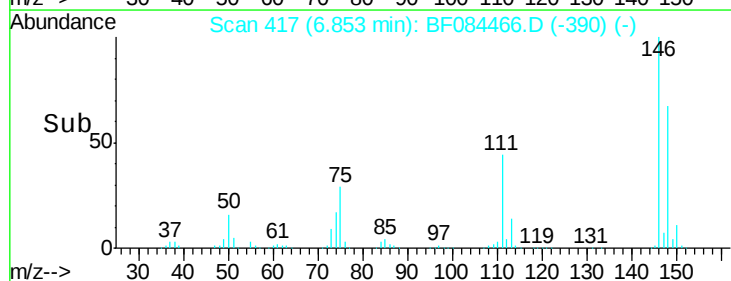
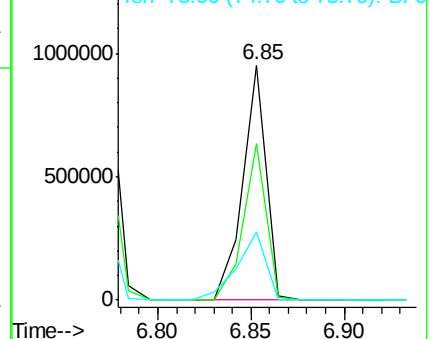
146 100

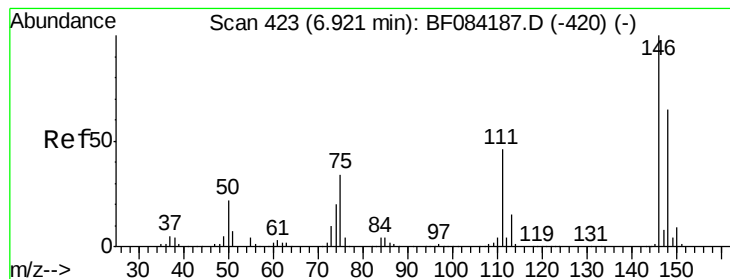
148 66.5 51.9 77.9

75 28.8 20.5 30.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 41.80 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

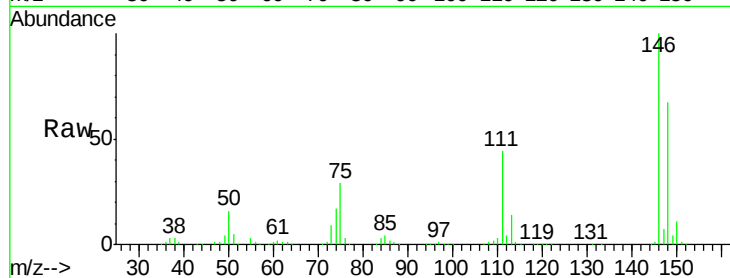
Tot Ion:146 Resp: 836584

Ion Ratio Lower Upper

146 100

148 66.5 51.9 77.9

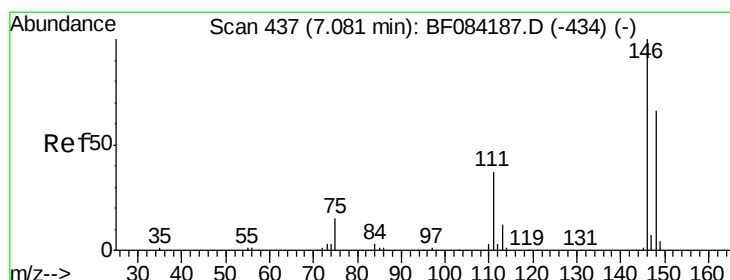
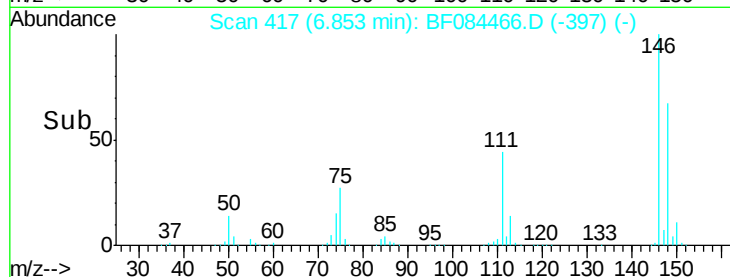
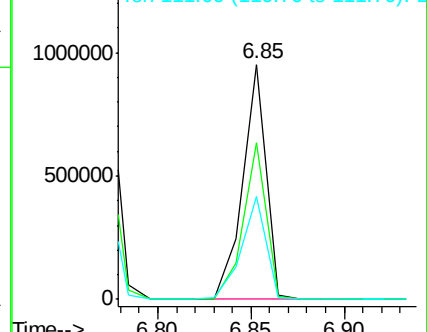
111 43.6 41.6 62.4



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: 36.37 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.08 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

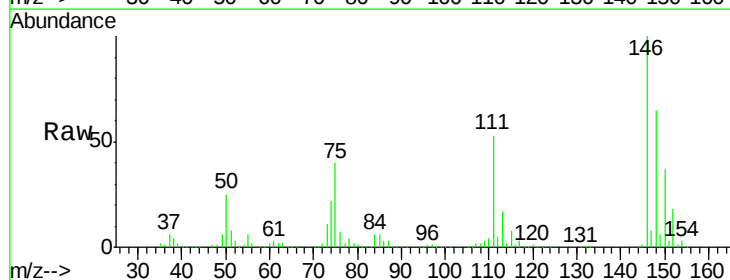
Tgt Ion:146 Resp: 697164

Ion Ratio Lower Upper

146 100

148 65.1 51.6 77.4

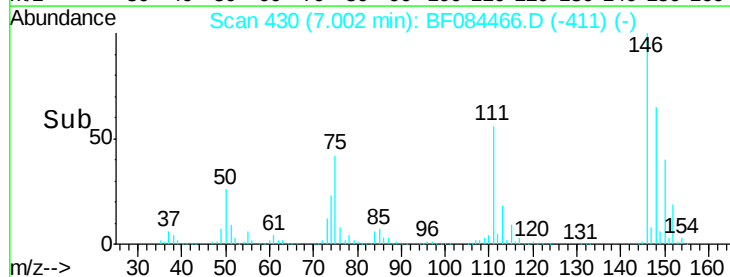
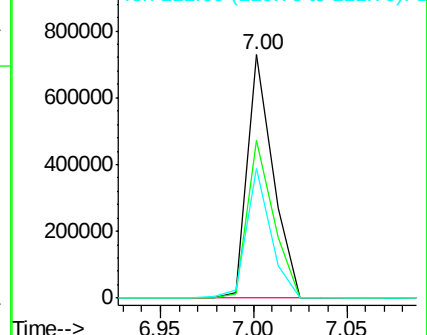
111 53.4 38.0 57.0

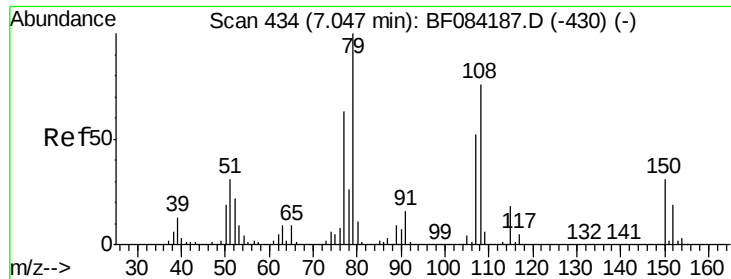


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.30 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

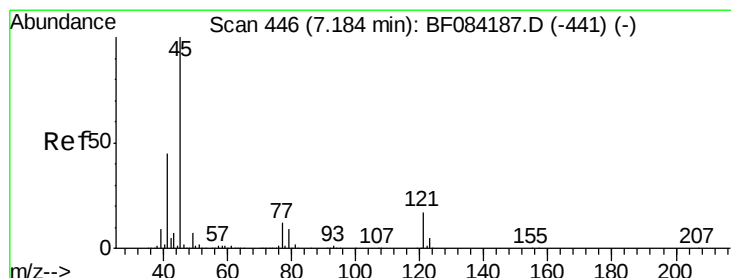
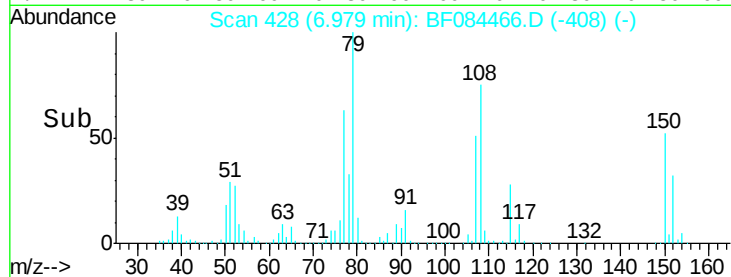
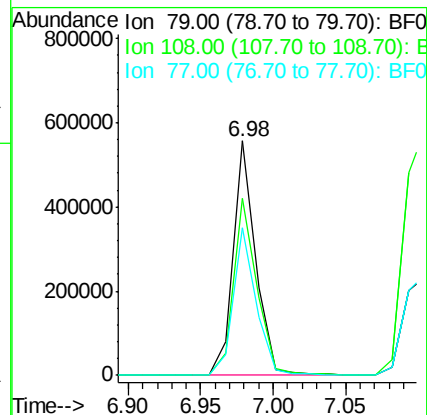
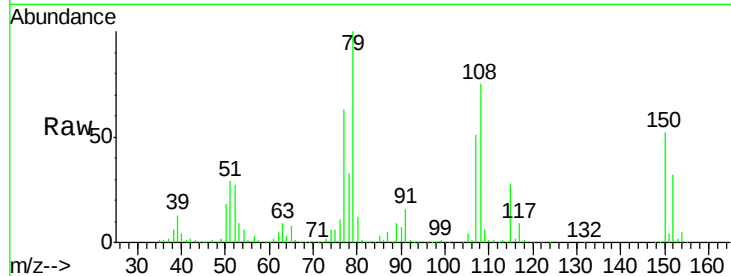
Tot Ion: 79 Resp: 599887

Ion Ratio Lower Upper

79 100

108 75.4 69.0 103.4

77 63.2 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.17 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

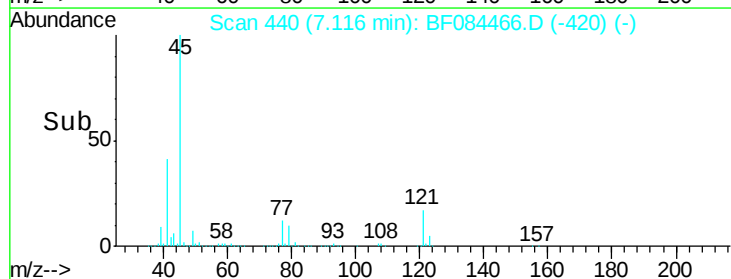
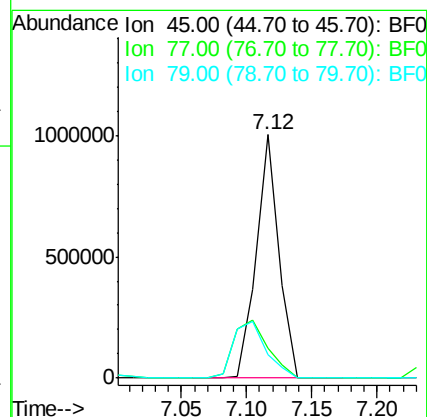
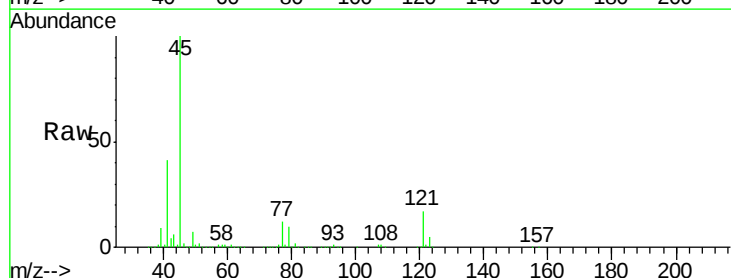
Tgt Ion: 45 Resp: 1208276

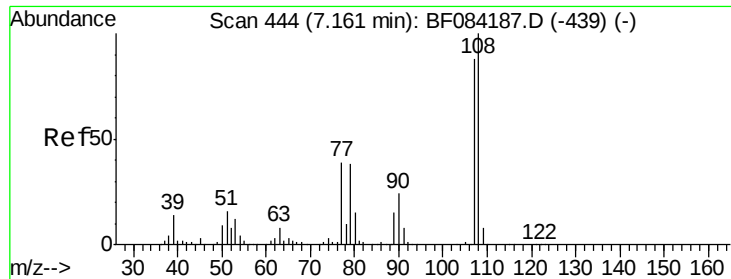
Ion Ratio Lower Upper

45 100

77 12.3 0.0 39.6

79 9.8 0.0 35.0

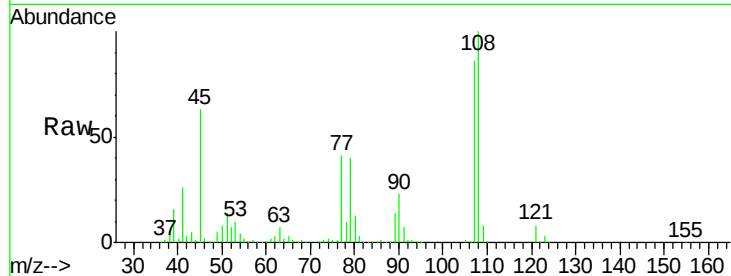




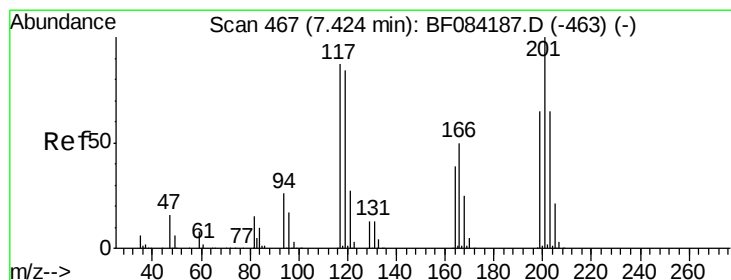
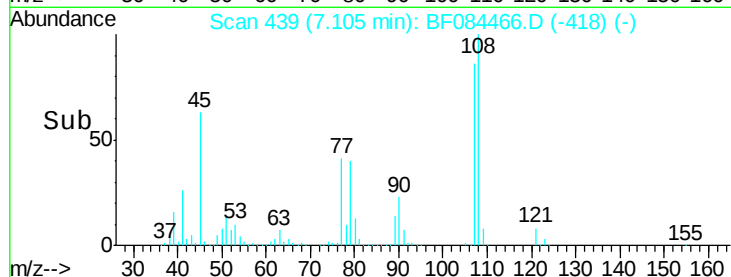
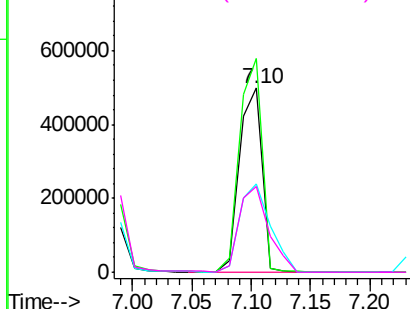
#17
2-Methylphenol
Concen: 40.92 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.06 min
Lab File: BF084466.D
Acq: 14 Jan 2016 2:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 663478
Ion Ratio Lower Upper
107 100
108 116.0 89.8 134.6
77 48.0 35.7 53.5
79 46.5 35.7 53.5

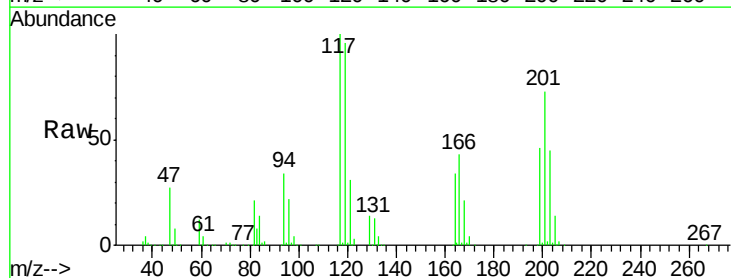


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

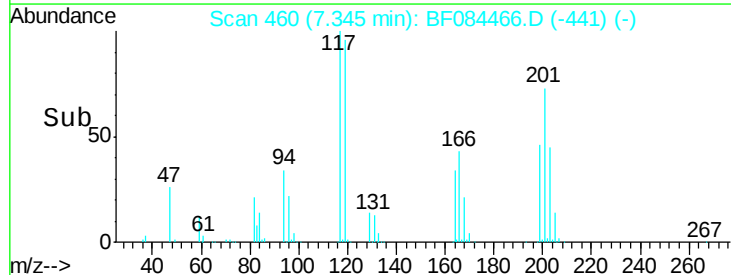
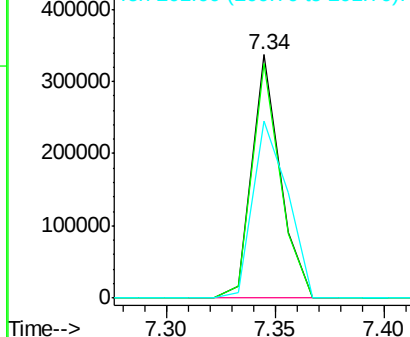


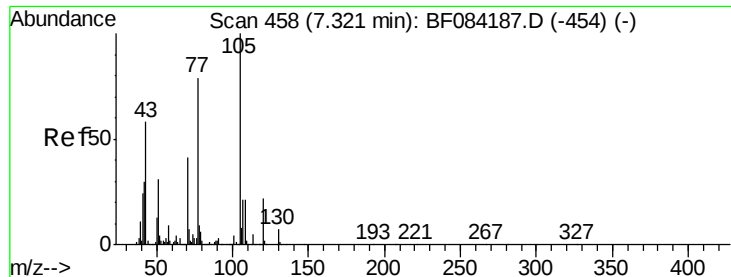
#18
Hexachloroethane
Concen: 38.22 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.08 min
Lab File: BF084466.D
Acq: 14 Jan 2016 2:42

Tgt Ion:117 Resp: 305884
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.0
201 72.5 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

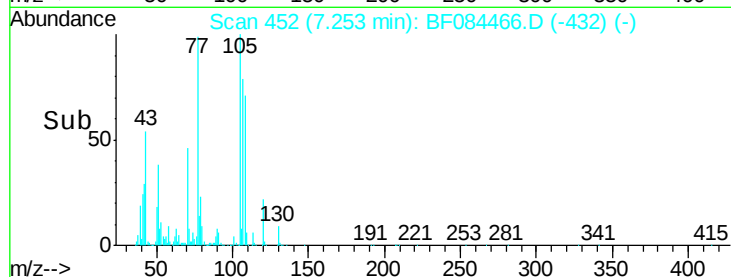
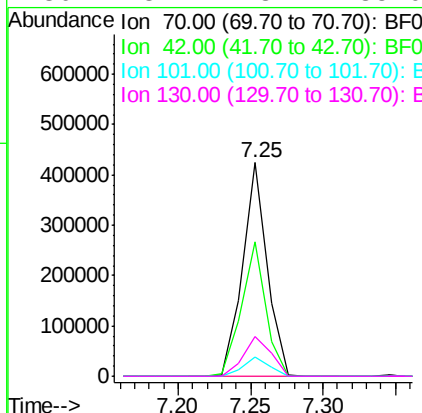
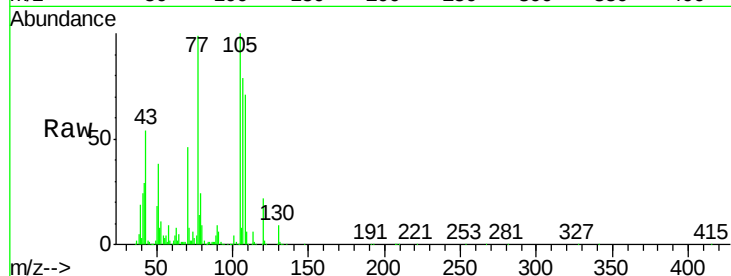




#19
n-Nitroso-di-n-propylamine
Concen: 34.30 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.07 min
Lab File: BF084466.D
Acq: 14 Jan 2016 2:42

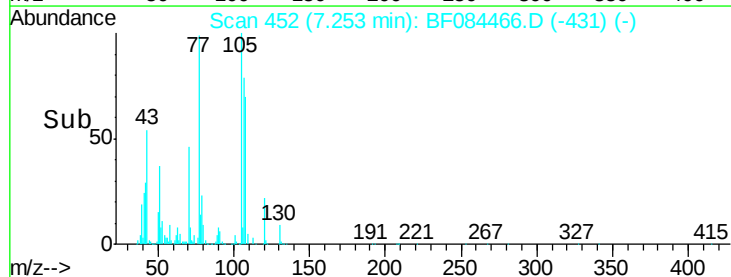
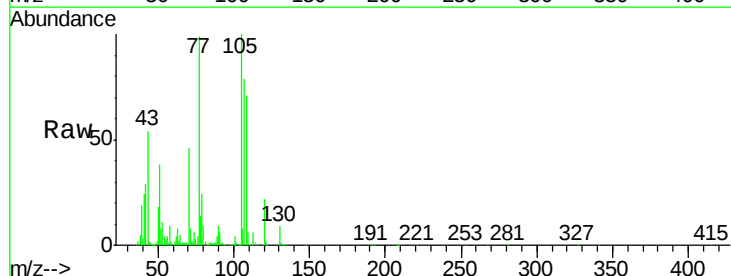
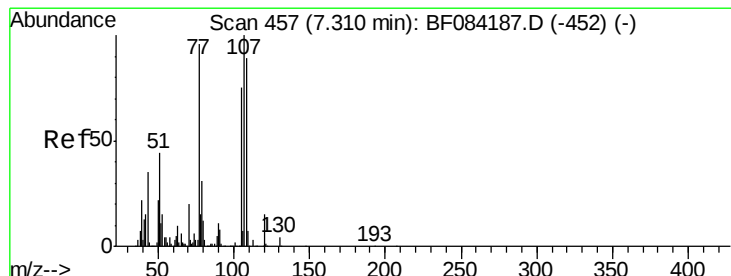
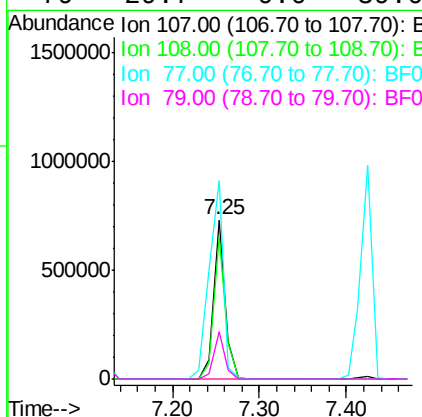
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 497316
Ion Ratio Lower Upper
70 100
42 62.9 33.3 49.9#
101 8.9 9.3 13.9#
130 18.4 23.4 35.0#



#20
3+4-Methylphenols
Concen: 35.98 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.06 min
Lab File: BF084466.D
Acq: 14 Jan 2016 2:42

Tgt Ion: 107 Resp: 685680
Ion Ratio Lower Upper
107 100
108 89.5 74.6 114.6
77 125.0 0.7 40.7#
79 29.7 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1159067

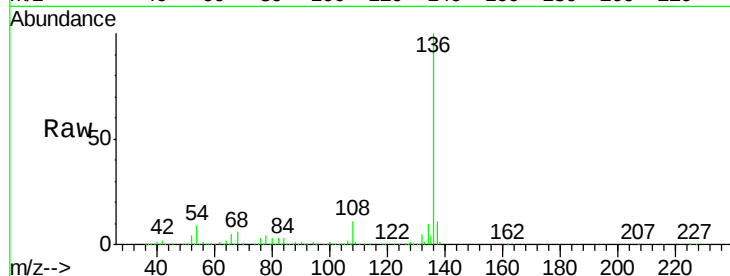
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.8 5.8 8.8#

68 5.8 4.2 6.2

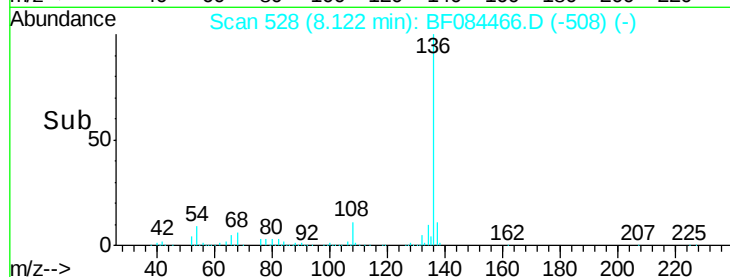


Abundance Ion 136.00 (135.70 to 136.70): E

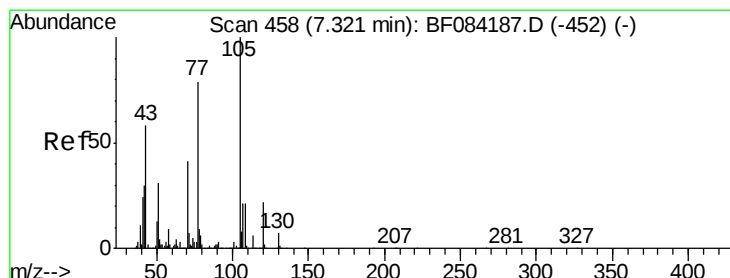
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.95 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Tgt Ion:105 Resp: 1085705

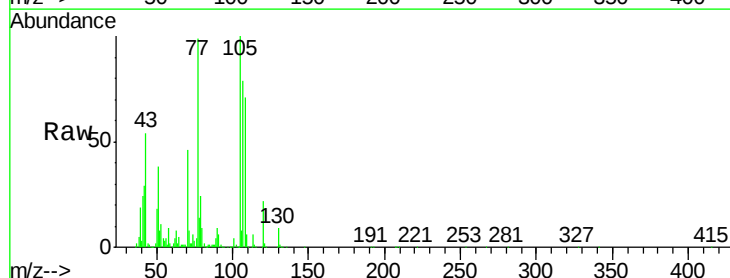
Ion Ratio Lower Upper

105 100

71 7.7 3.7 5.5#

51 37.8 25.1 37.7#

120 21.7 16.6 25.0

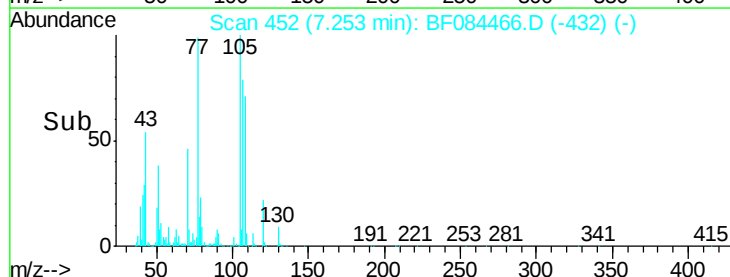


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

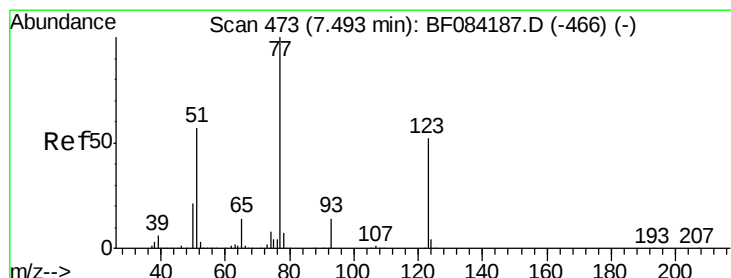
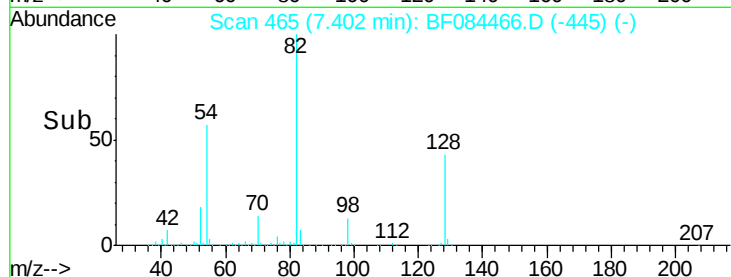
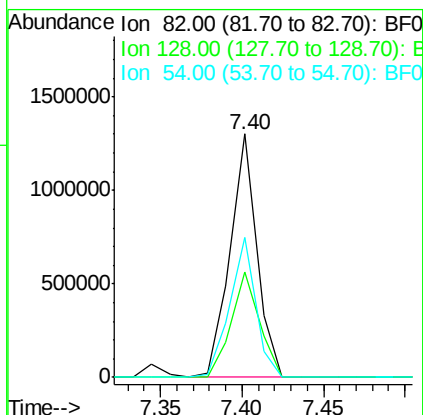
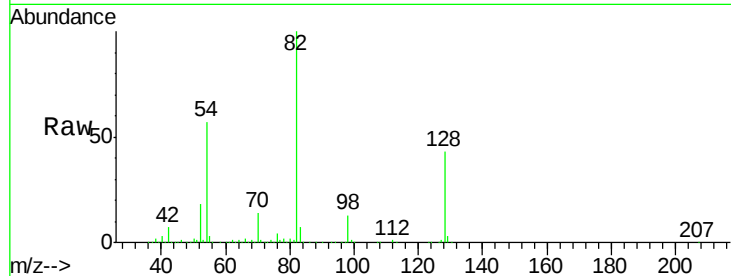


#23
 Nitrobenzene-d5
 Concen: 70.63 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.07 min
 Lab File: BF084466.D
 Acq: 14 Jan 2016 2:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1470937

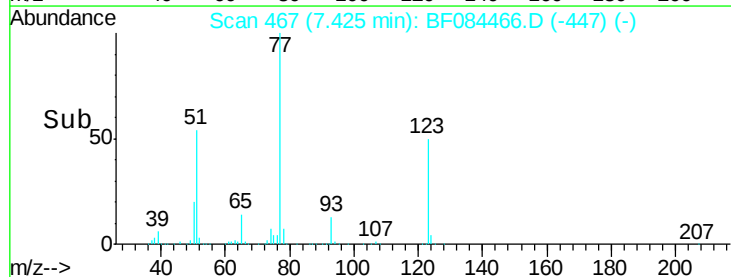
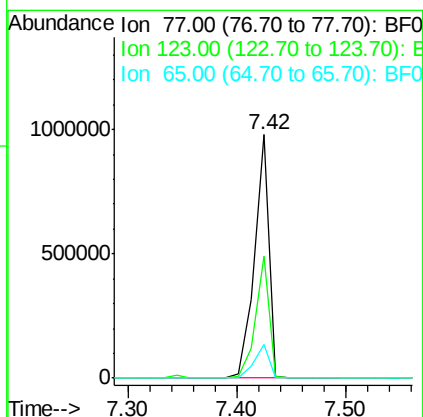
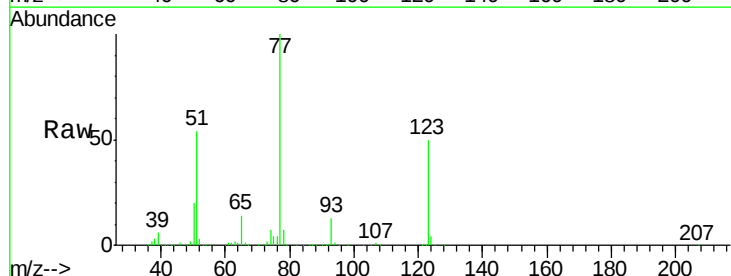
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	57.5	38.4	57.6

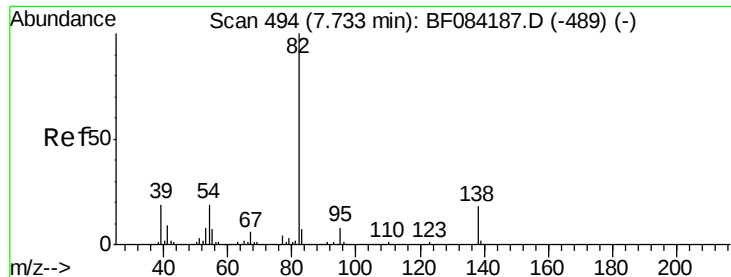


#24
 Nitrobenzene
 Concen: 42.95 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.07 min
 Lab File: BF084466.D
 Acq: 14 Jan 2016 2:42

Tgt Ion: 77 Resp: 907213

Ion	Ratio	Lower	Upper
77	100		
123	50.0	37.4	56.2
65	13.8	10.9	16.3





#25

Isophorone

Concen: 37.70 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

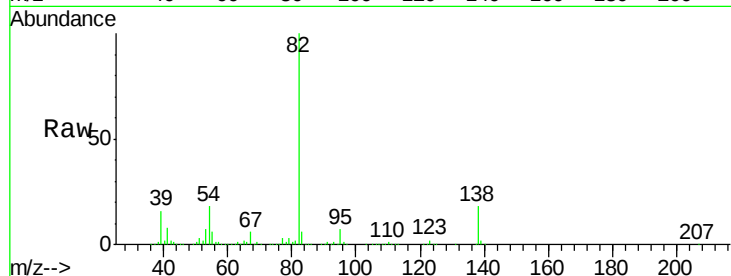
Tot Ion: 82 Resp: 1501574

Ion Ratio Lower Upper

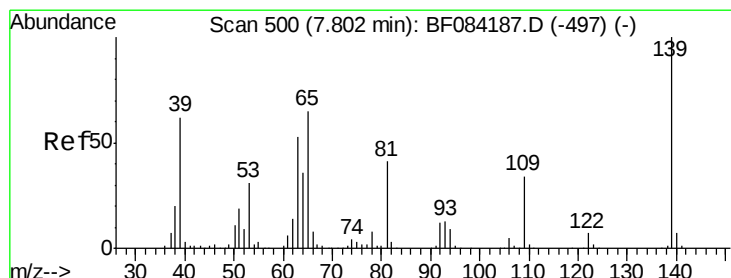
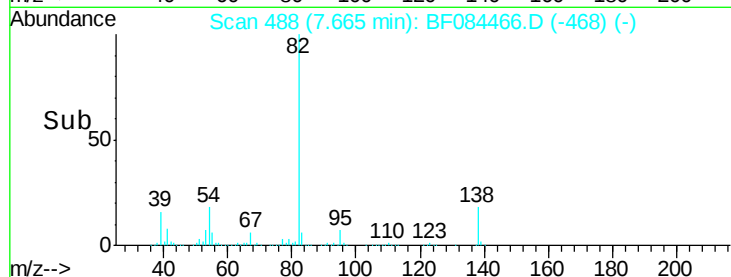
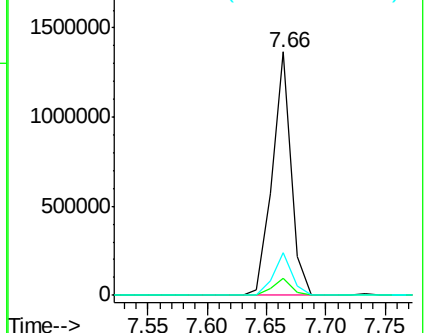
82 100

95 7.3 6.6 10.0

138 17.7 13.6 20.4



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



#26

2-Nitrophenol

Concen: 41.03 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

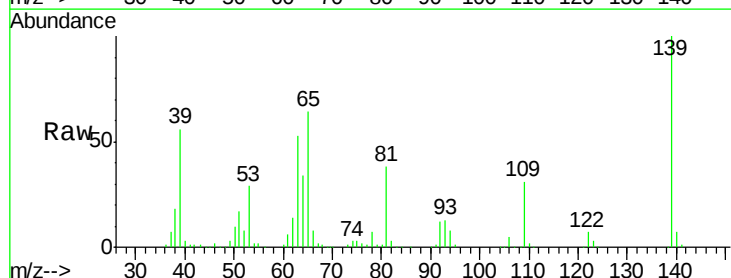
Tgt Ion: 139 Resp: 394454

Ion Ratio Lower Upper

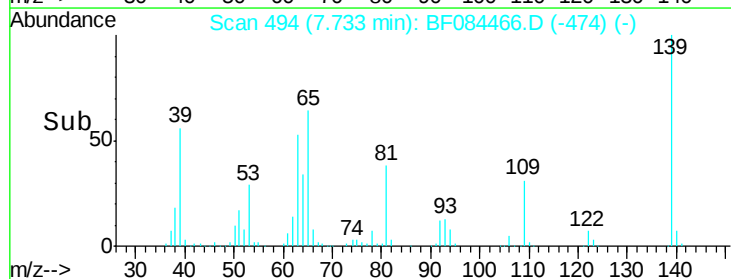
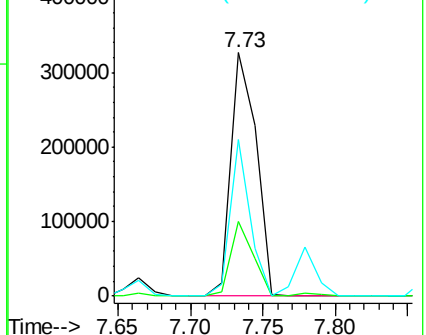
139 100

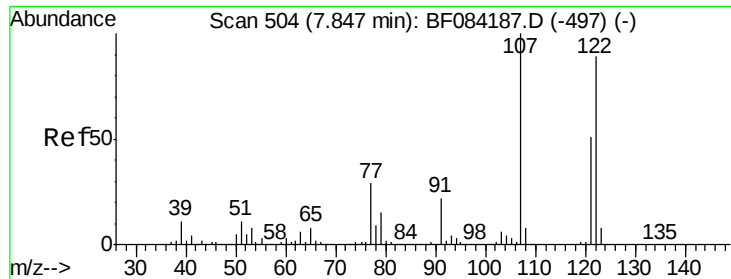
109 30.9 25.4 38.2

65 64.1 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 35.59 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

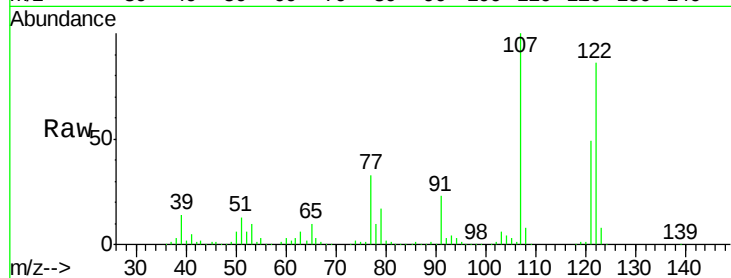
Tot Ion:122 Resp: 692483

Ion Ratio Lower Upper

122 100

107 116.2 99.1 148.7

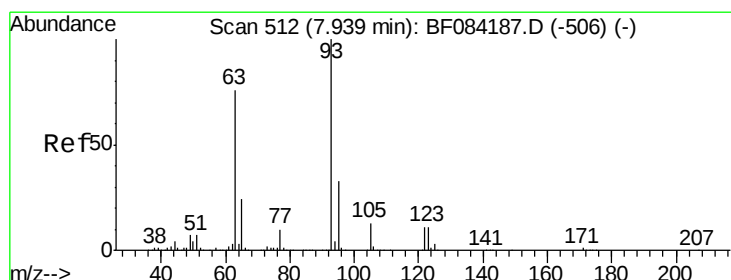
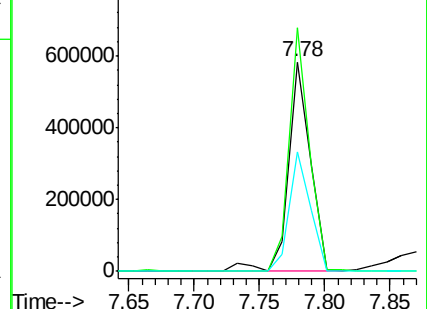
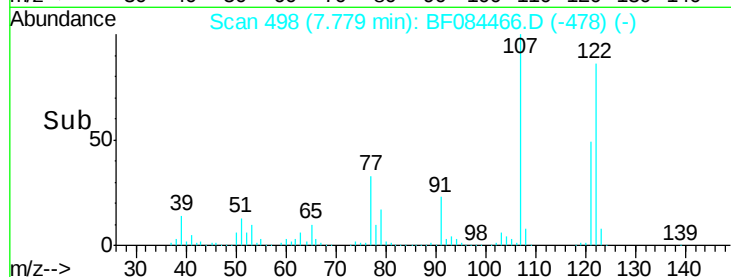
121 57.1 47.9 71.9



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: 38.45 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.06 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

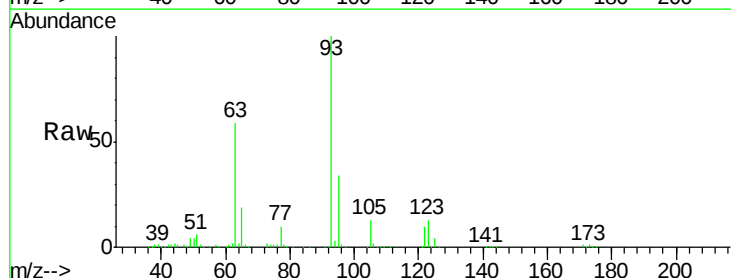
Tgt Ion: 93 Resp: 935540

Ion Ratio Lower Upper

93 100

95 33.7 25.8 38.6

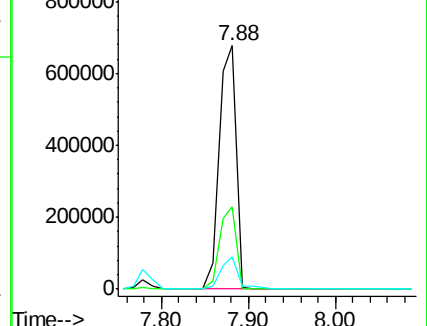
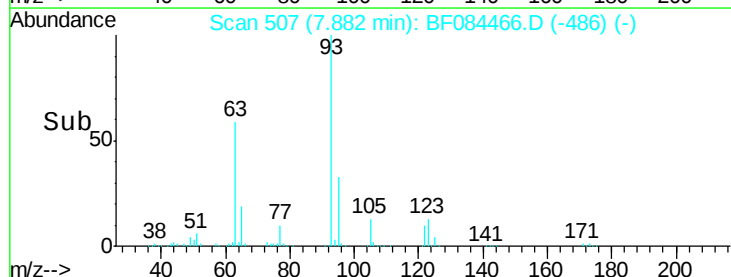
123 13.1 8.6 12.8#



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: 40.60 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.06 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

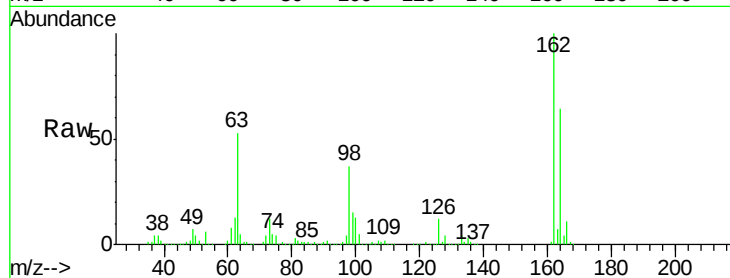
Tot Ion:162 Resp: 658037

Ion Ratio Lower Upper

162 100

164 64.4 44.1 84.1

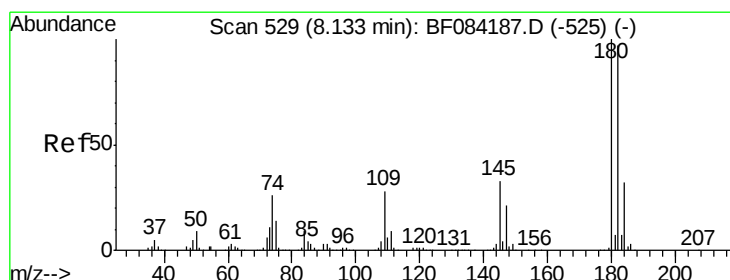
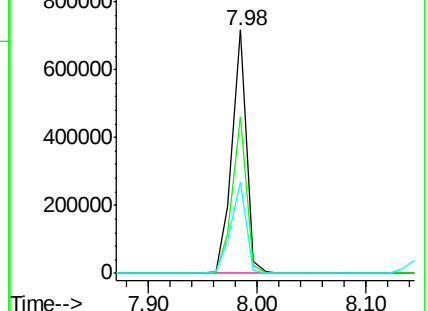
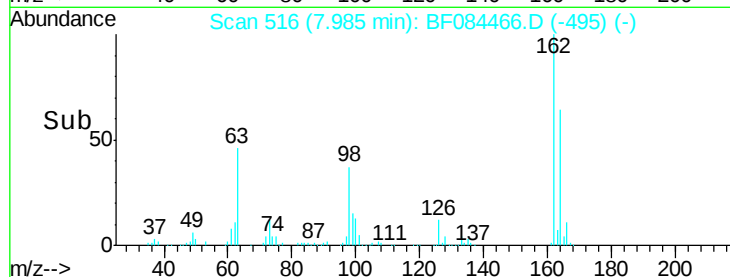
98 37.3 20.2 60.2



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: 40.76 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

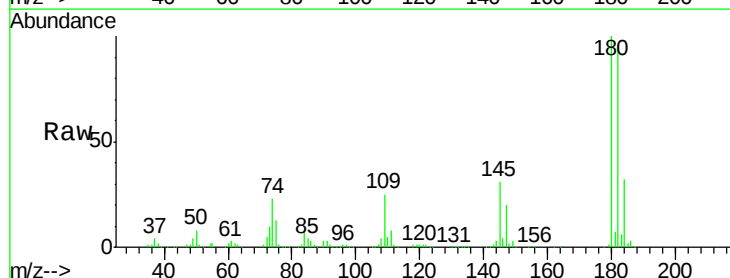
Tgt Ion:180 Resp: 682020

Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

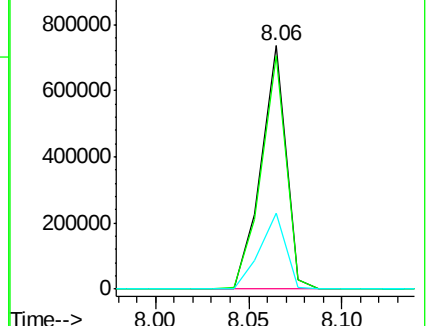
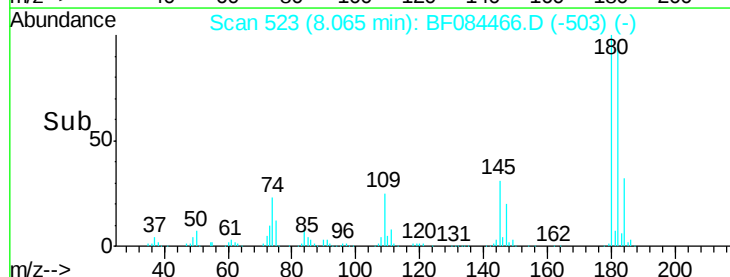
145 31.0 31.6 47.4#

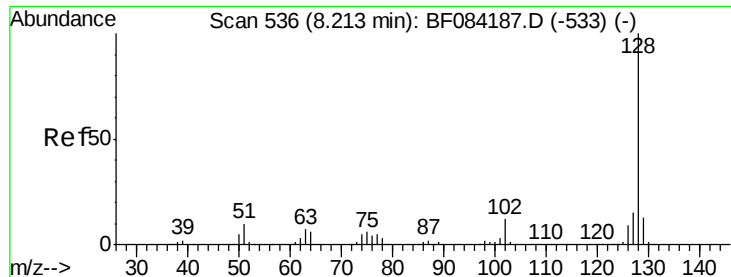


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

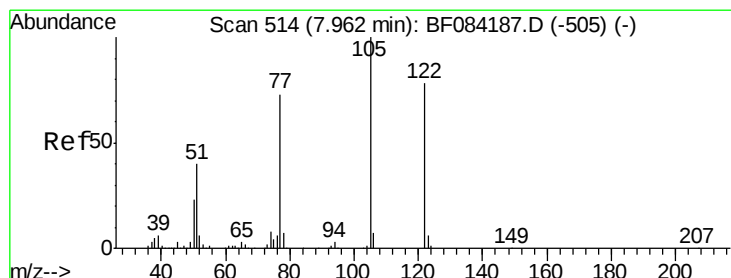
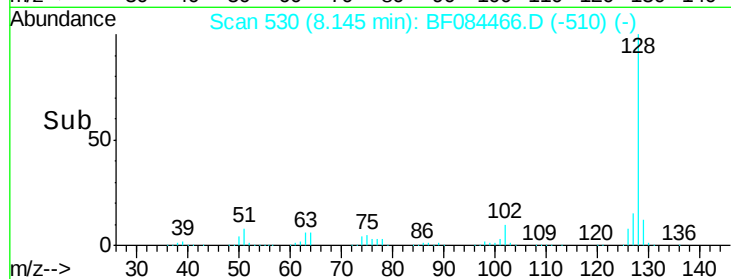
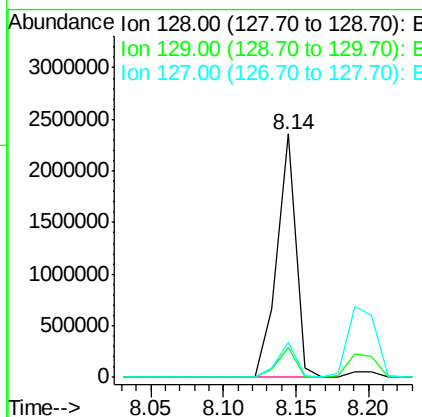
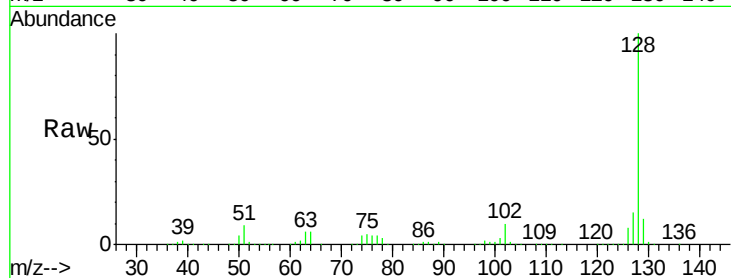




#31
Naphthalene
Concen: 40.76 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.07 min
Lab File: BF084466.D
Acq: 14 Jan 2016 2:42

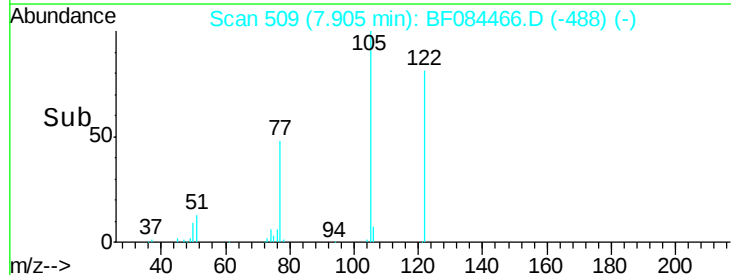
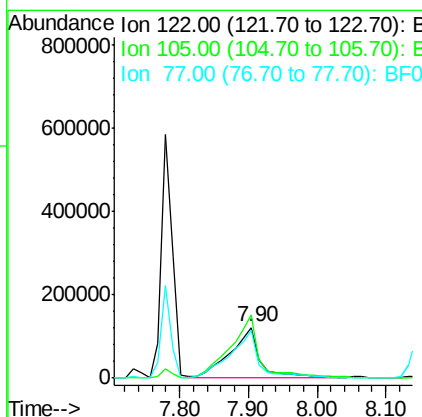
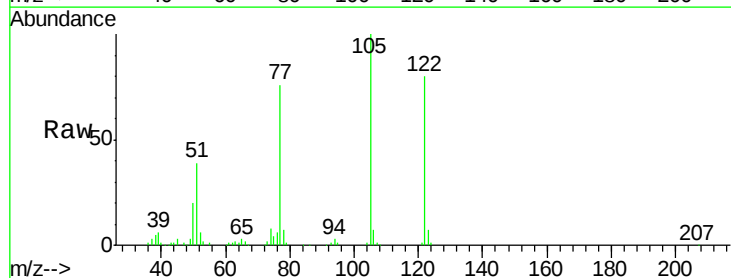
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

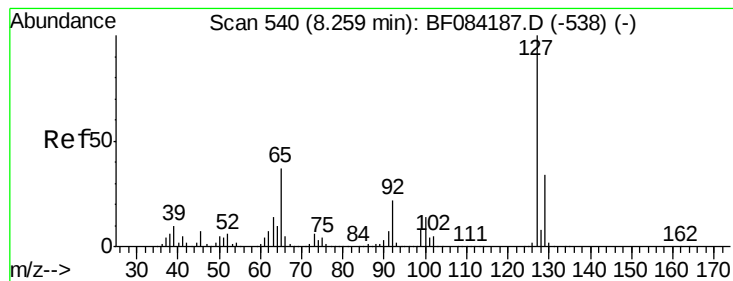
Tot Ion:128 Resp: 2143262
Ion Ratio Lower Upper
128 100
129 12.4 9.1 13.7
127 14.5 11.1 16.7



#32
Benzoic acid
Concen: 31.29 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.06 min
Lab File: BF084466.D
Acq: 14 Jan 2016 2:42

Tgt Ion:122 Resp: 360446
Ion Ratio Lower Upper
122 100
105 124.4 100.3 140.3
77 94.3 63.5 103.5





#33

4-Chloroaniline

Concen: 39.31 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 947613

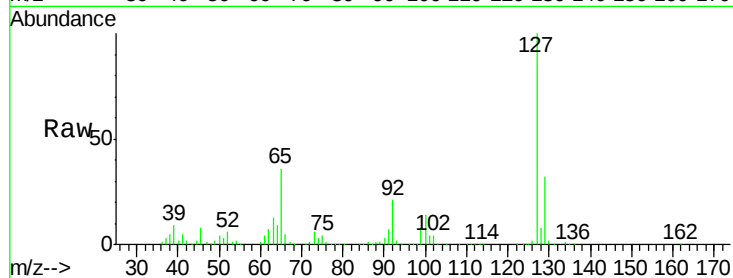
Ion Ratio Lower Upper

127 100

129 32.4 26.5 39.7

65 36.5 27.2 40.8

92 21.0 17.7 26.5

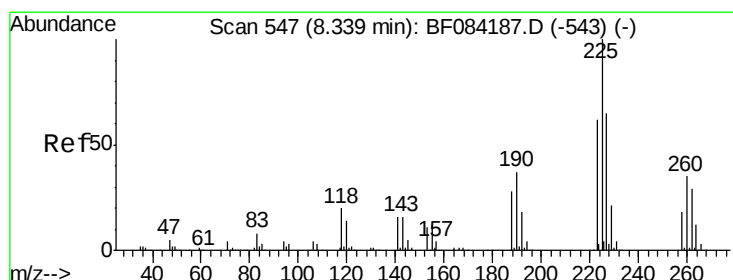
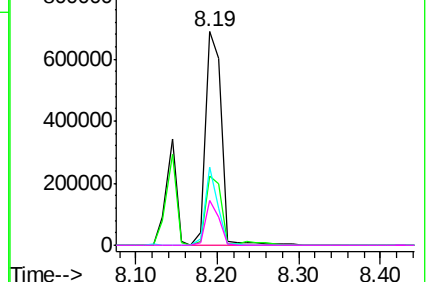
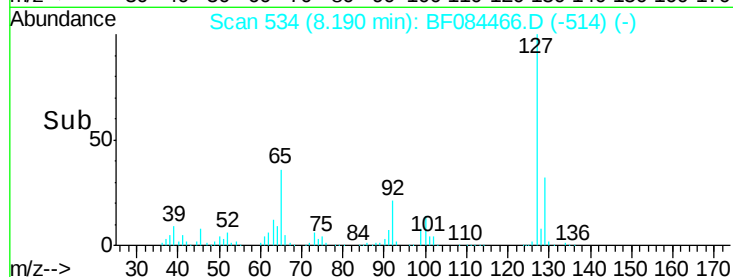


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 36.80 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.08 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

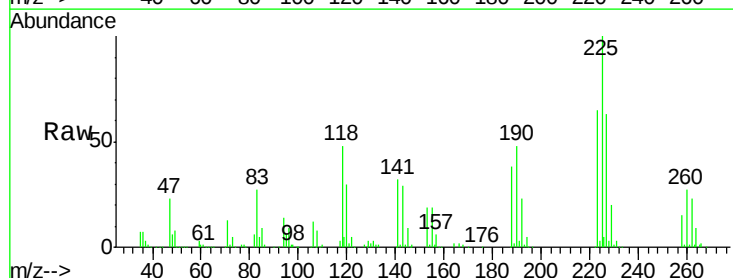
Tgt Ion:225 Resp: 353942

Ion Ratio Lower Upper

225 100

223 65.1 49.4 74.0

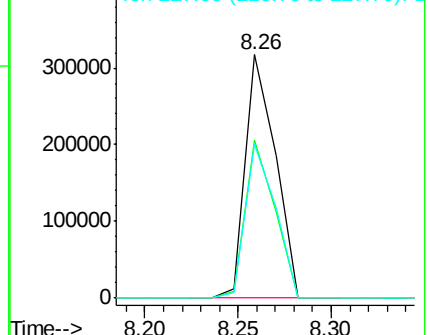
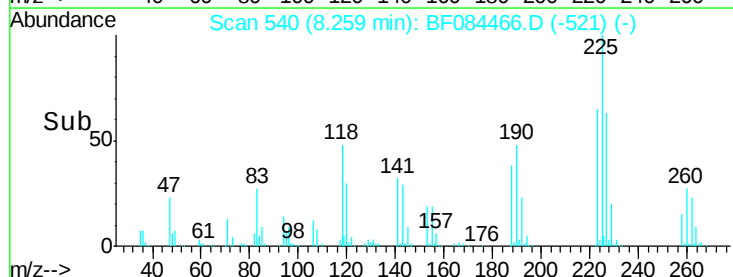
227 63.4 50.8 76.2

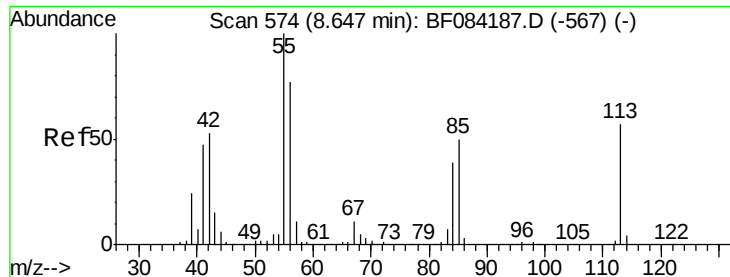


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

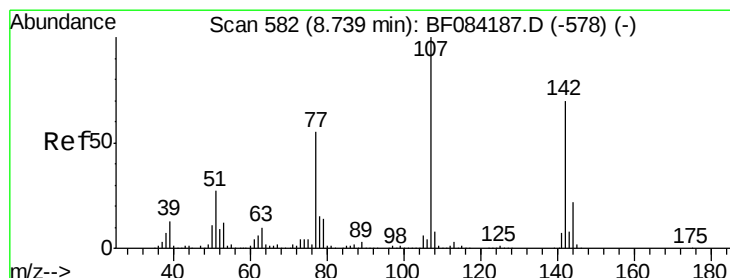
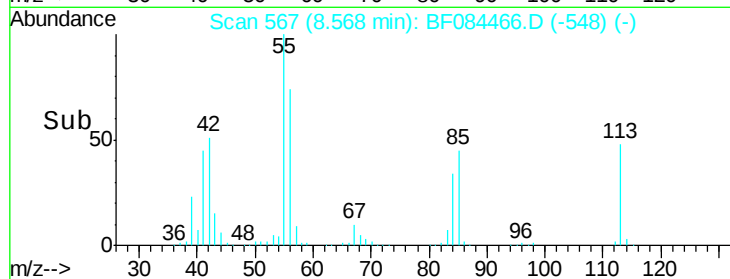
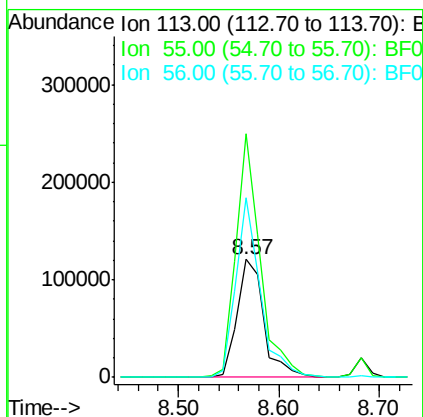
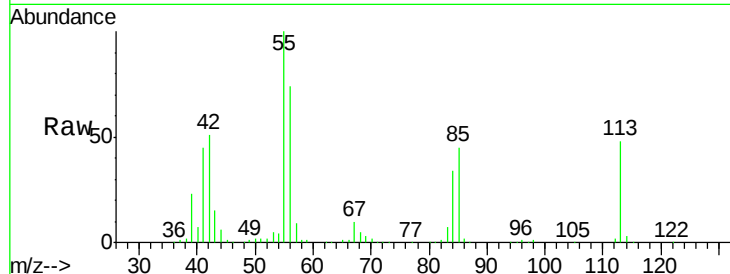




#35
Caprolactam
Concen: 40.84 ng
RT: 8.57 min Scan# 567
Delta R.T. -0.08 min
Lab File: BF084466.D
Acq: 14 Jan 2016 2:42

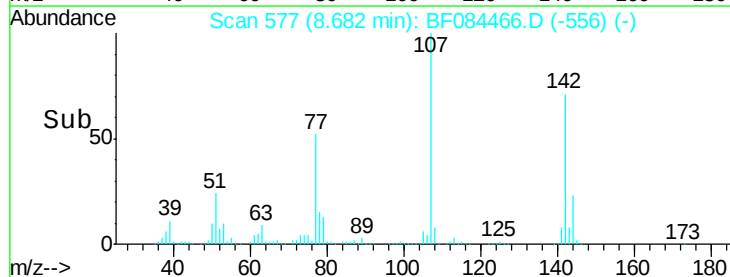
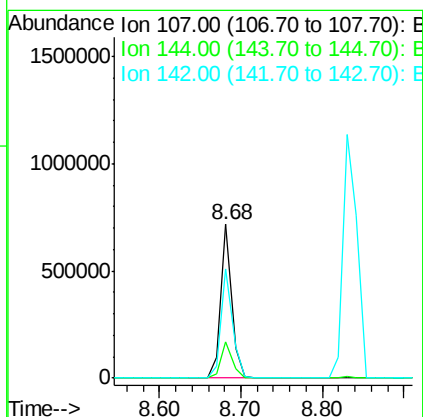
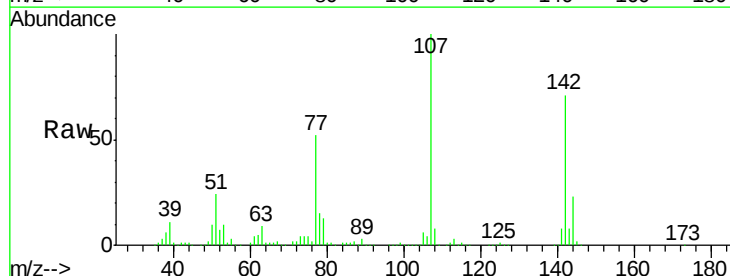
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

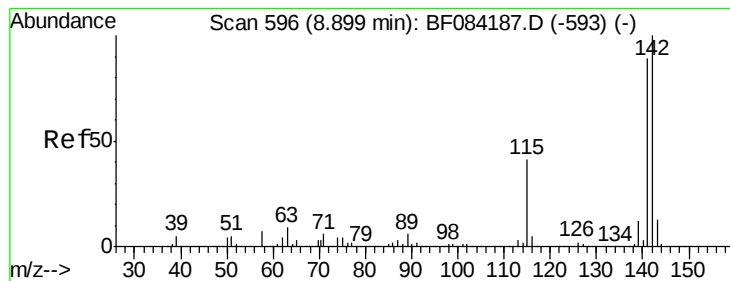
Tot Ion:113 Resp: 223153
Ion Ratio Lower Upper
113 100
55 206.5 116.9 156.9#
56 151.9 93.8 133.8#



#36
4-Chloro-3-methylphenol
Concen: 36.71 ng
RT: 8.68 min Scan# 577
Delta R.T. -0.06 min
Lab File: BF084466.D
Acq: 14 Jan 2016 2:42

Tgt Ion:107 Resp: 666558
Ion Ratio Lower Upper
107 100
144 23.5 19.7 29.5
142 71.2 61.8 92.6





#37

2-Methylnaphthalene

Concen: 36.39 ng

RT: 8.83 min Scan# 590

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

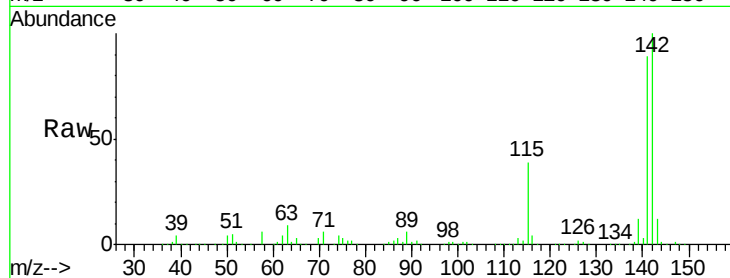
Tot Ion:142 Resp: 1373692

Ion Ratio Lower Upper

142 100

141 88.8 72.4 108.6

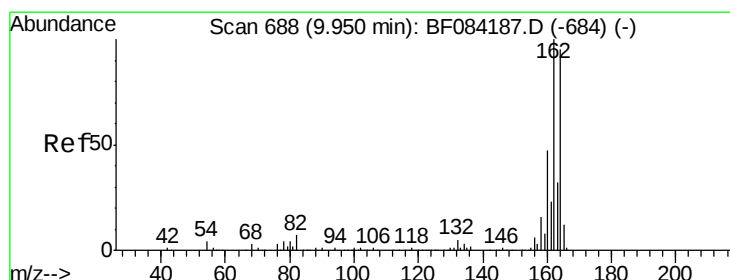
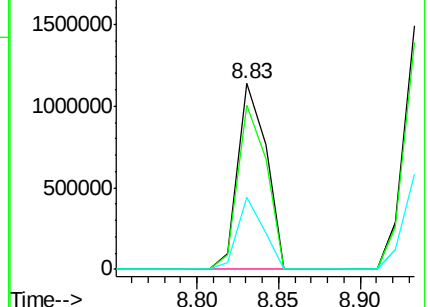
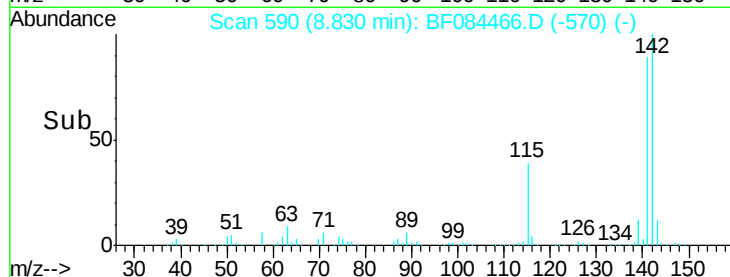
115 38.5 27.9 41.9



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: 9.87 min Scan# 681

Delta R.T. -0.08 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

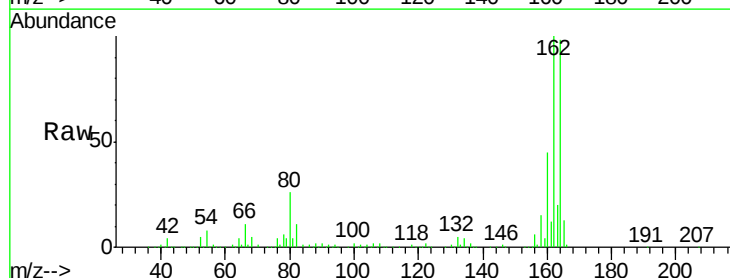
Tgt Ion:164 Resp: 529166

Ion Ratio Lower Upper

164 100

162 101.6 85.1 127.7

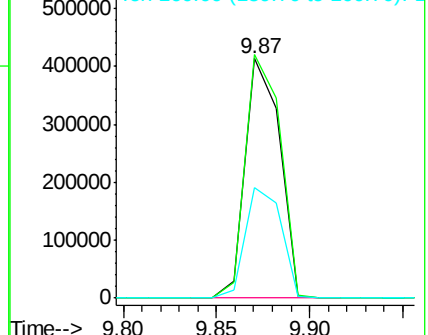
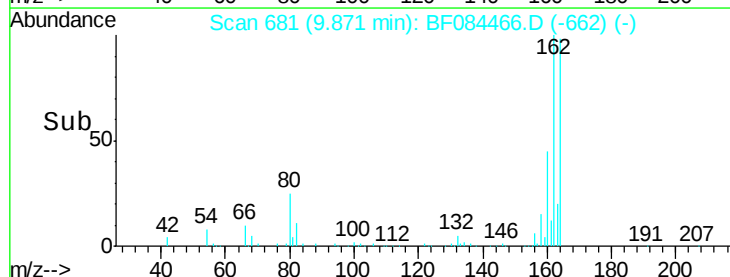
160 46.1 37.5 56.3

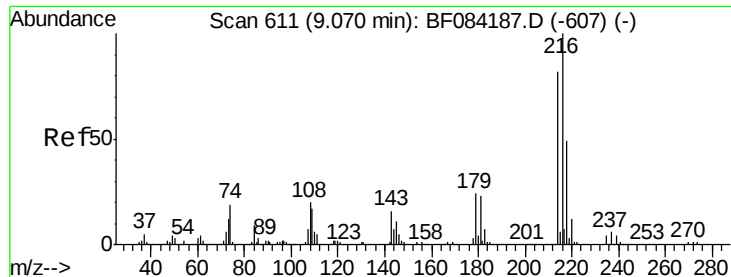


Abundance Ion 164.00 (163.70 to 164.70): E

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: 42.10 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 640430

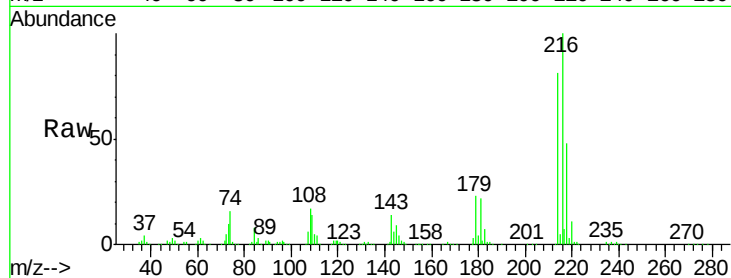
Ion Ratio Lower Upper

216 100

214 80.4 64.2 96.2

179 23.5 18.7 28.1

108 21.6 16.8 25.2

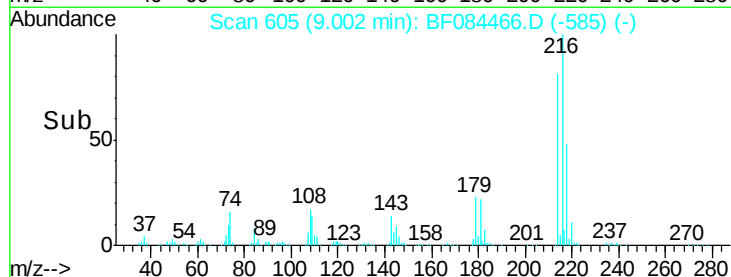
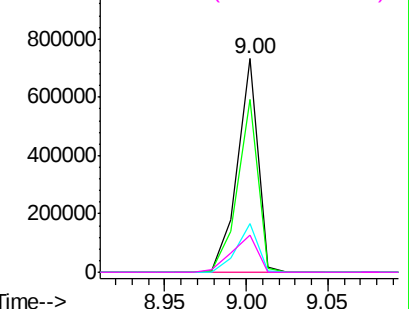


Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.46 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

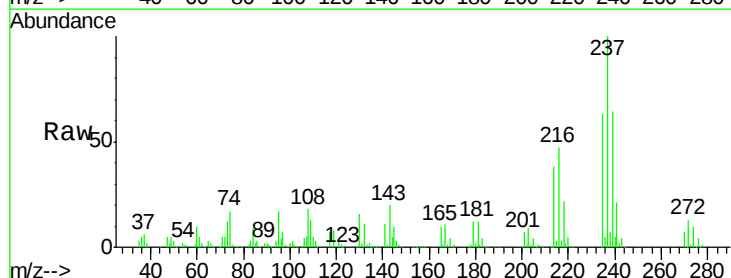
Tgt Ion:237 Resp: 325663

Ion Ratio Lower Upper

237 100

235 62.5 43.1 83.1

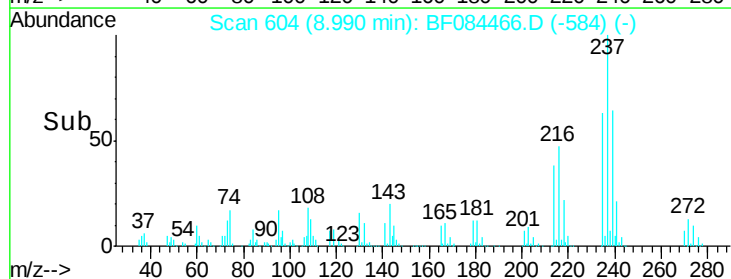
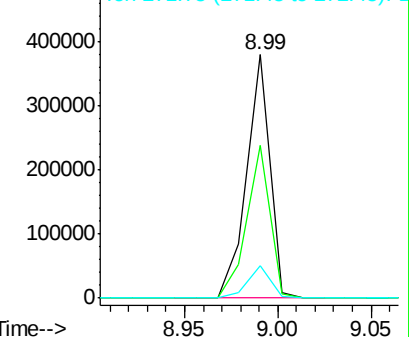
272 13.4 0.0 35.1

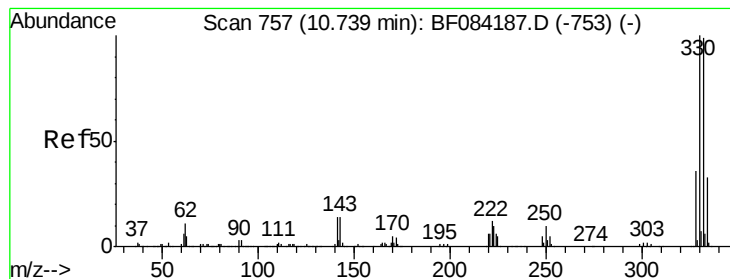


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

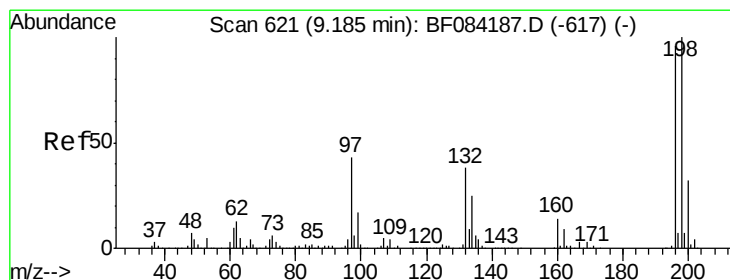
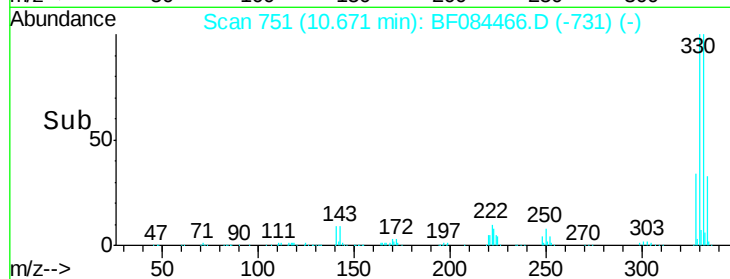
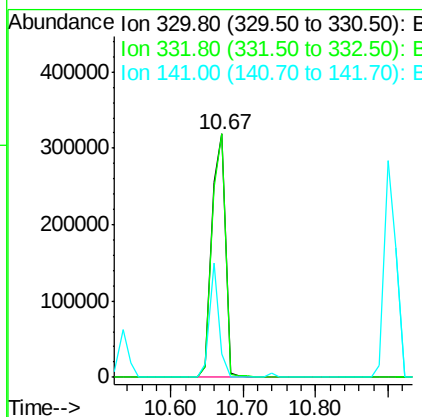
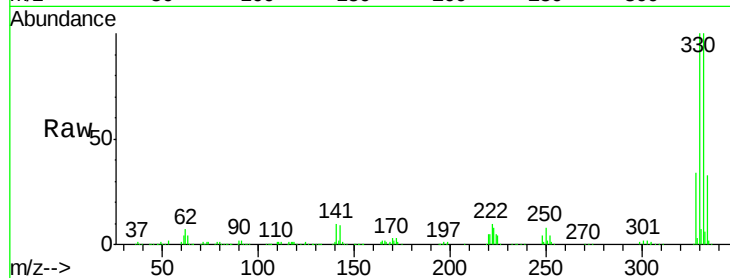




#41
 2,4,6-Tribromophenol
 Concen: 77.34 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.07 min
 Lab File: BF084466.D
 Acq: 14 Jan 2016 2:42

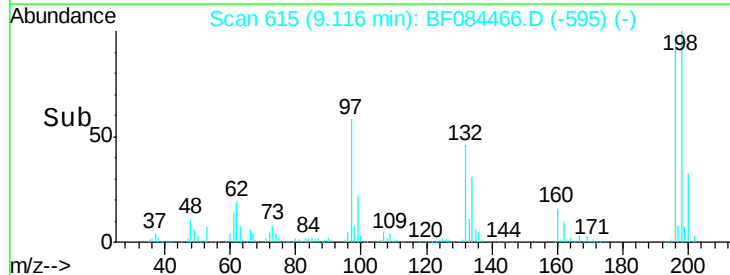
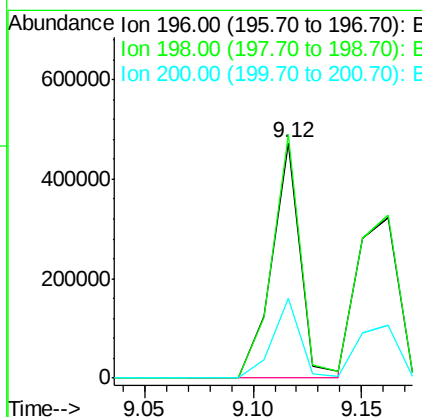
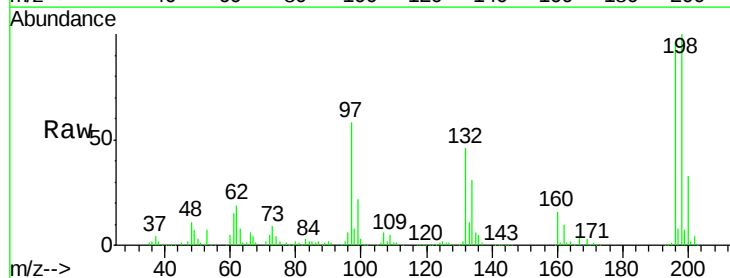
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 413185
 Ion Ratio Lower Upper
 330 100
 332 98.7 76.6 114.8
 141 33.4 27.8 41.6



#42
 2,4,6-Trichlorophenol
 Concen: 38.31 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.07 min
 Lab File: BF084466.D
 Acq: 14 Jan 2016 2:42

Tgt Ion:196 Resp: 436066
 Ion Ratio Lower Upper
 196 100
 198 103.8 77.7 116.5
 200 33.8 24.6 37.0

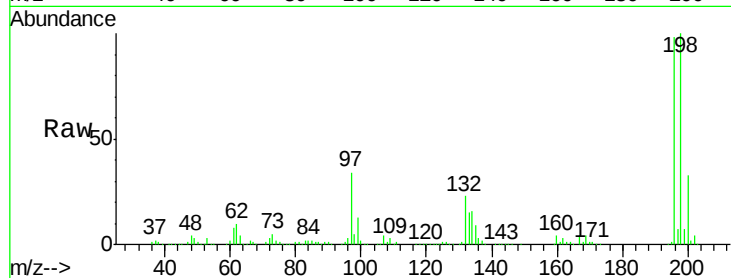




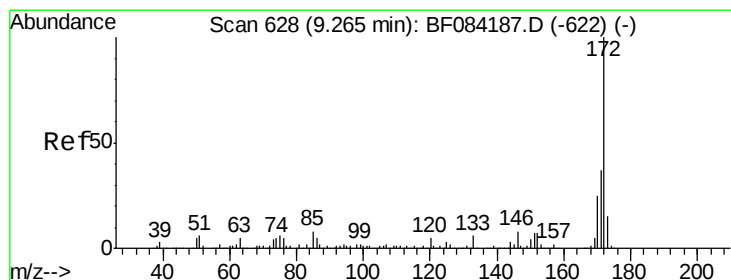
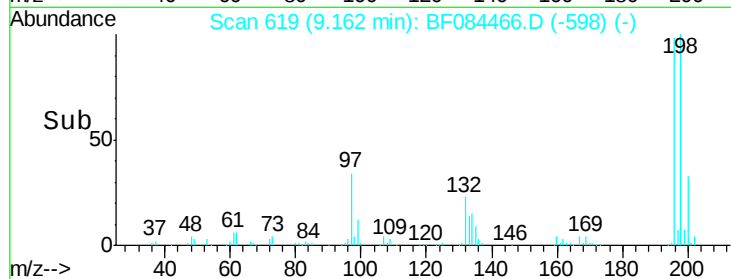
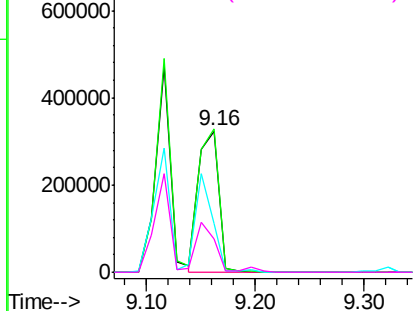
#43
 2,4,5-Trichlorophenol
 Concen: 39.14 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF084466.D
 Acq: 14 Jan 2016 2:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 427081
 Ion Ratio Lower Upper
 196 100
 198 101.6 79.0 118.6
 97 34.4 33.0 49.6
 132 23.3 21.1 31.7

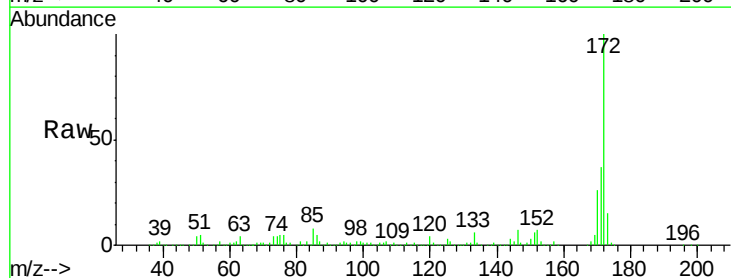


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

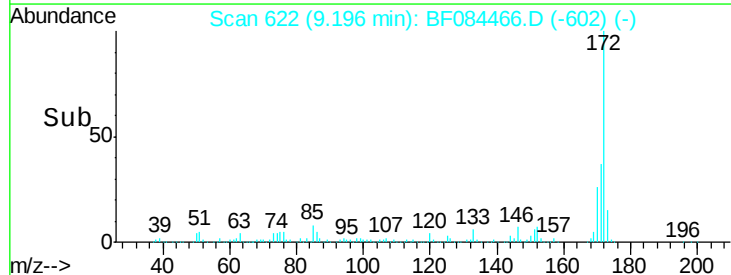
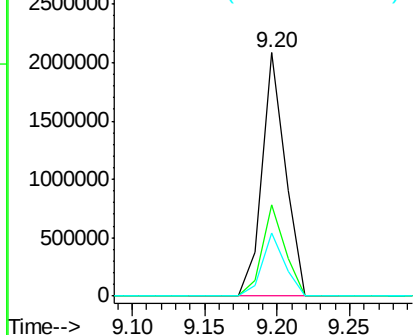


#44
 2-Fluorobiphenyl
 Concen: 76.11 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.07 min
 Lab File: BF084466.D
 Acq: 14 Jan 2016 2:42

Tgt Ion:172 Resp: 2309258
 Ion Ratio Lower Upper
 172 100
 171 37.5 28.9 43.3
 170 26.1 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: 39.54 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

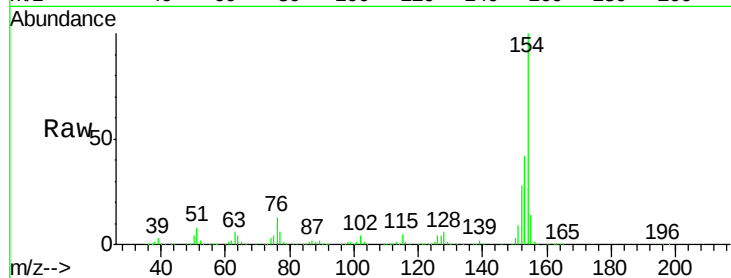
Tot Ion:154 Resp: 1663066

Ion Ratio Lower Upper

154 100

153 42.3 21.6 61.6

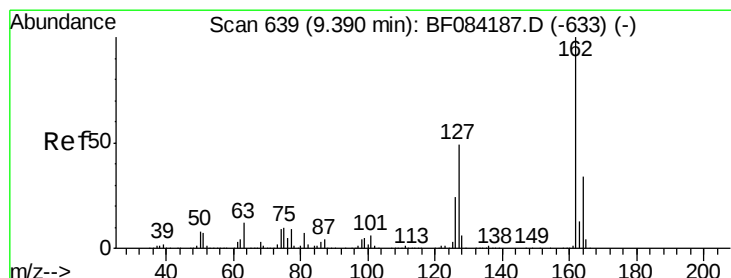
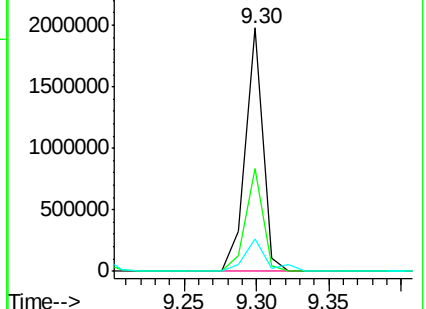
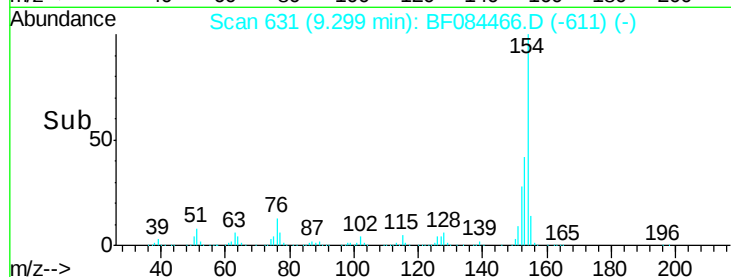
76 13.3 0.0 32.7



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: 37.11 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

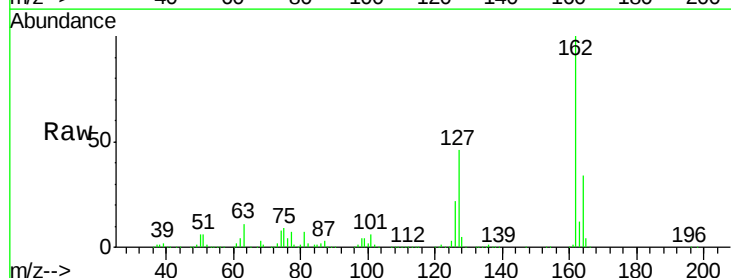
Tgt Ion:162 Resp: 1225852

Ion Ratio Lower Upper

162 100

127 46.4 40.2 60.4

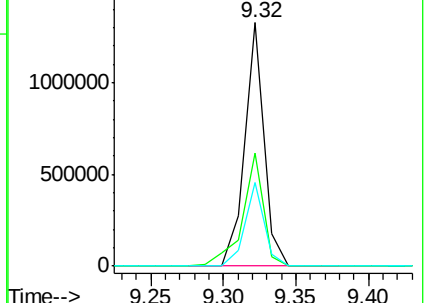
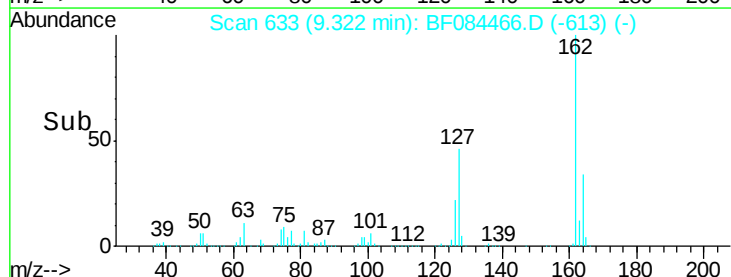
164 34.1 25.7 38.5

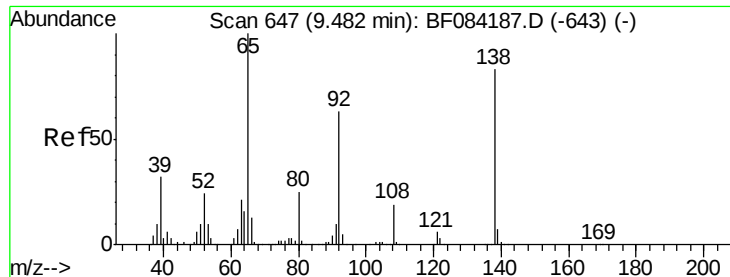


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.76 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.06 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

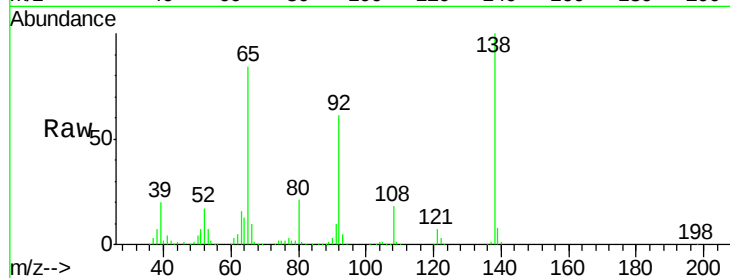
Tot Ion: 65 Resp: 498929

Ion Ratio Lower Upper

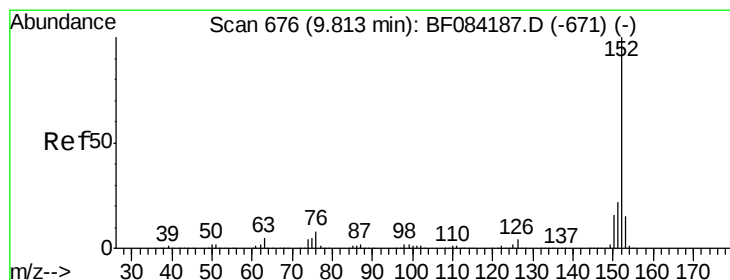
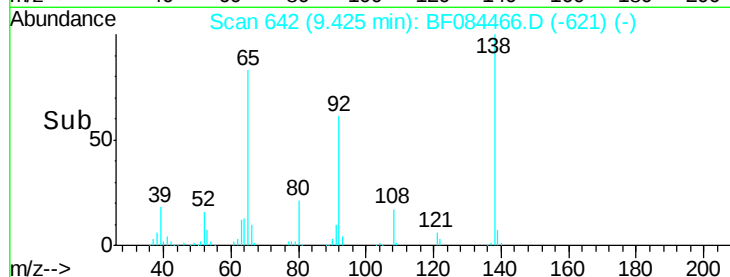
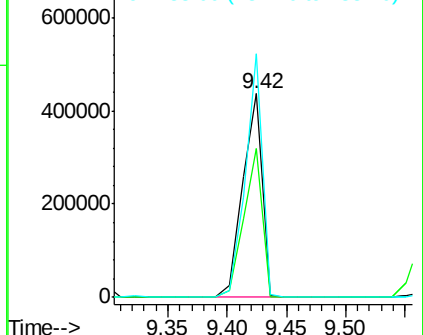
65 100

92 73.2 53.4 80.2

138 119.6 71.1 106.7#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 39.45 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.08 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

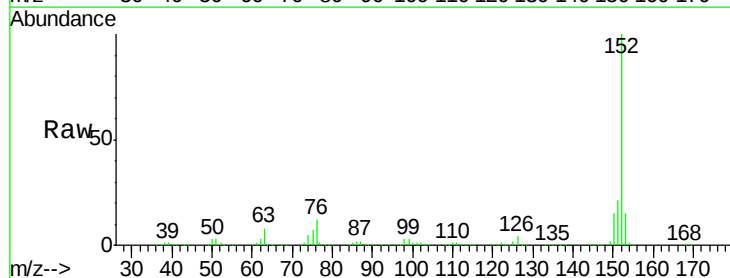
Tgt Ion: 152 Resp: 1925169

Ion Ratio Lower Upper

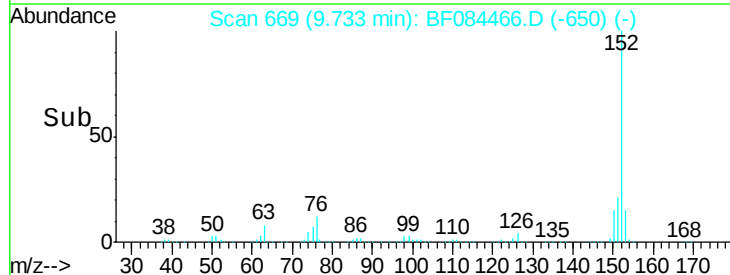
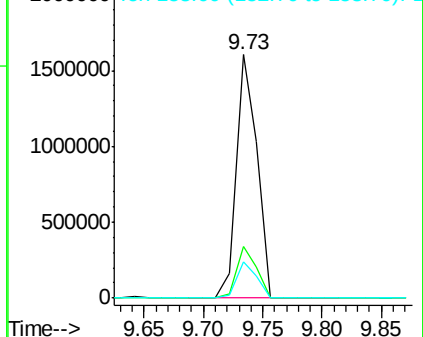
152 100

151 21.5 16.3 24.5

153 15.1 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 42.15 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

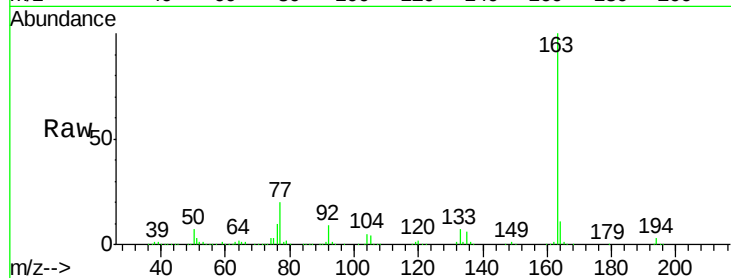
Tot Ion:163 Resp: 1594361

Ion Ratio Lower Upper

163 100

194 3.5 8.0 12.0#

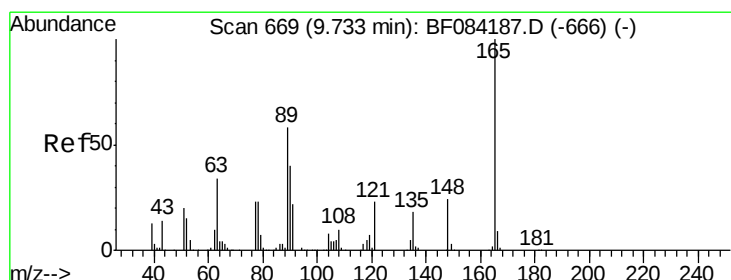
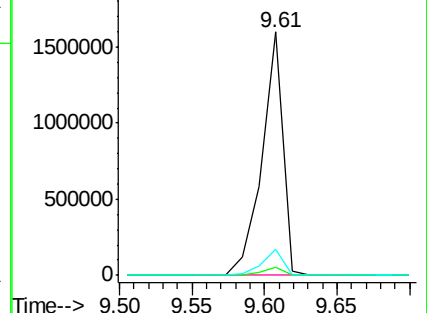
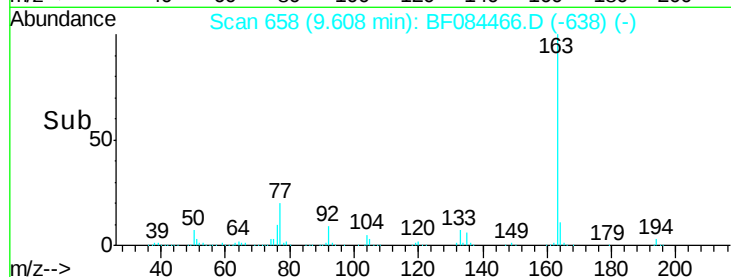
164 10.5 8.0 12.0



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: 42.20 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

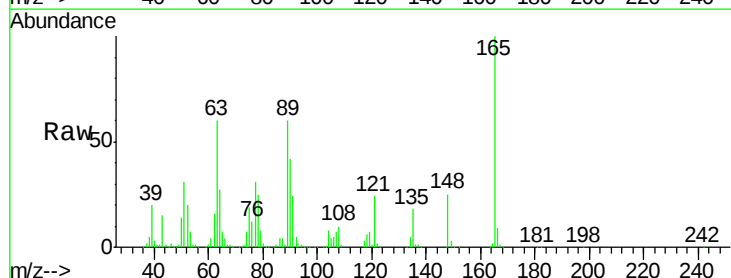
Tgt Ion:165 Resp: 350138

Ion Ratio Lower Upper

165 100

63 60.1 28.8 43.2#

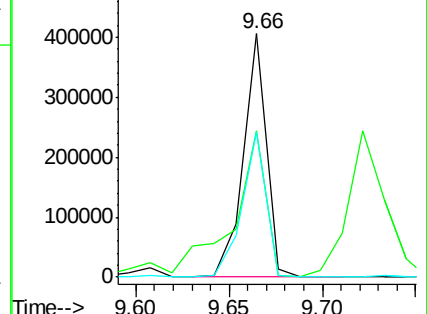
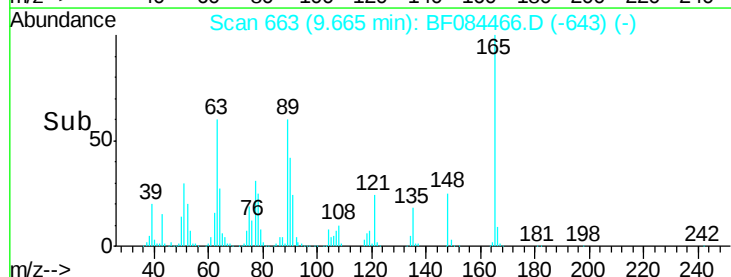
89 59.6 35.1 52.7#

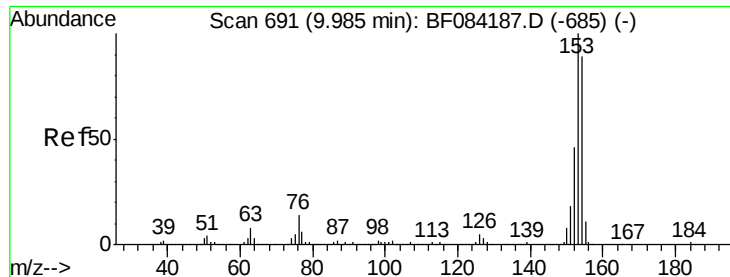


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.82 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.08 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

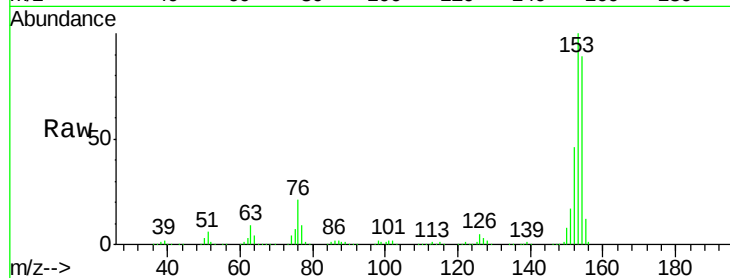
Tot Ion:154 Resp: 1270965

Ion Ratio Lower Upper

154 100

153 112.8 91.5 137.3

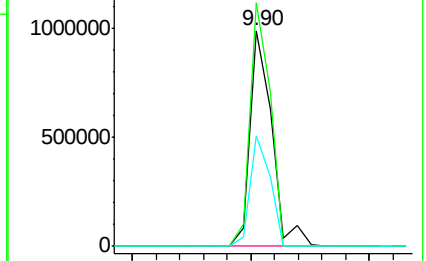
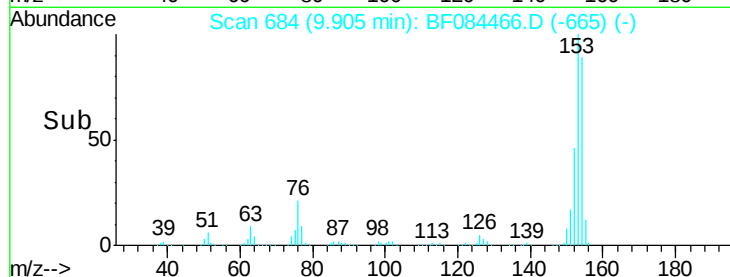
152 51.5 43.0 64.6



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: 44.06 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

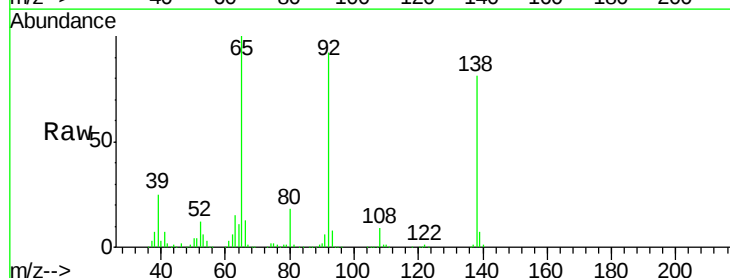
Tgt Ion:138 Resp: 452982

Ion Ratio Lower Upper

138 100

108 10.7 10.5 15.7

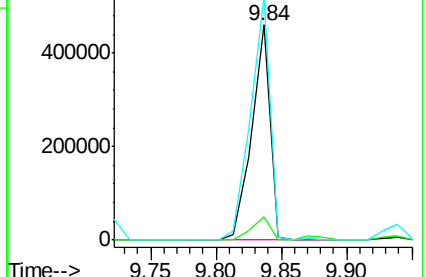
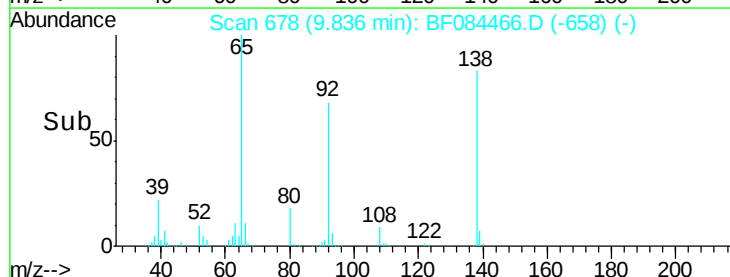
92 113.1 103.9 155.9



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

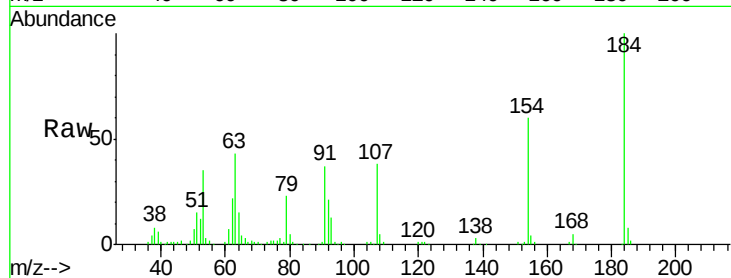




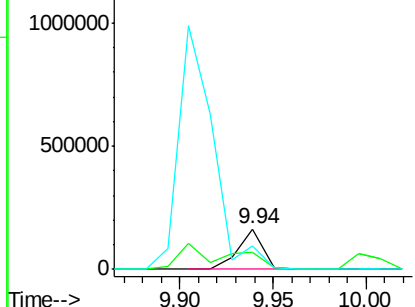
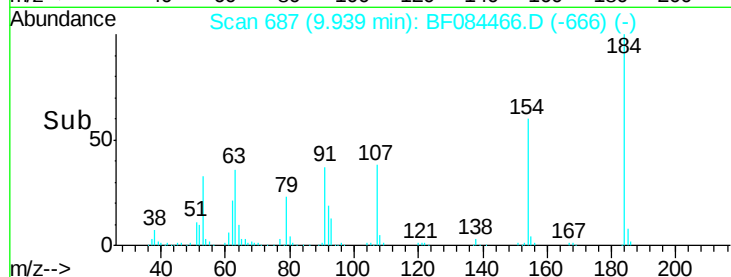
#53
2,4-Dinitrophenol
Concen: 45.55 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.06 min
Lab File: BF084466.D
Acq: 14 Jan 2016 2:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 155314
Ion Ratio Lower Upper
184 100
63 43.2 43.1 64.7
154 59.5 60.5 90.7#

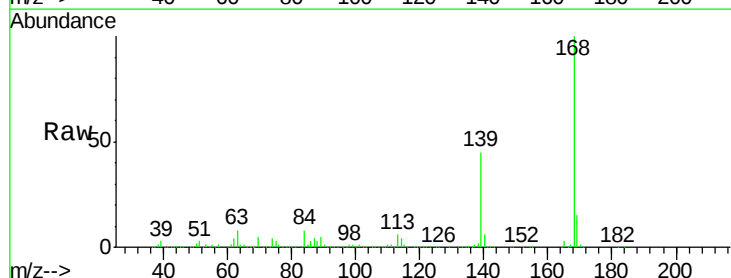


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

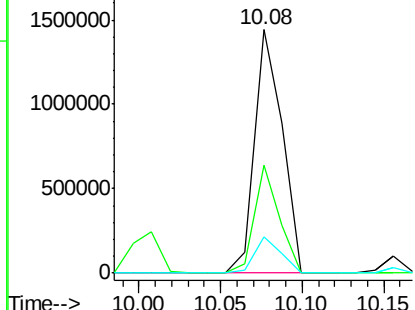
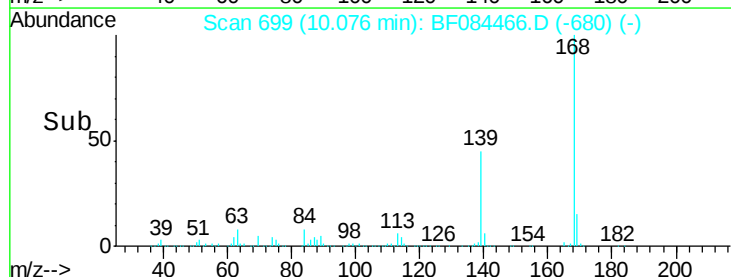


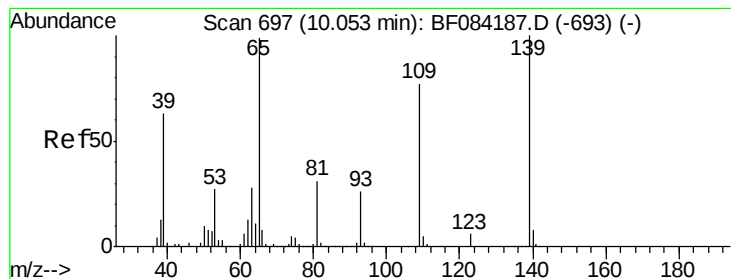
#54
Dibenzofuran
Concen: 39.49 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.08 min
Lab File: BF084466.D
Acq: 14 Jan 2016 2:42

Tgt Ion:168 Resp: 1689803
Ion Ratio Lower Upper
168 100
139 44.5 30.5 45.7
169 14.6 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: 41.01 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

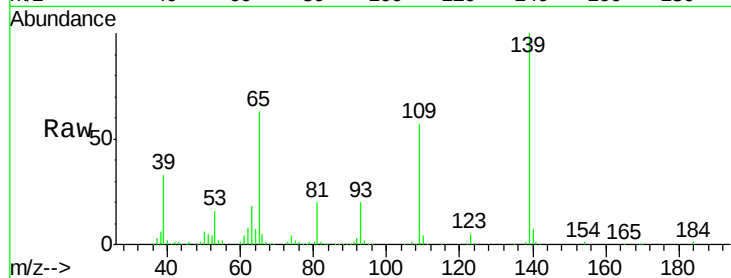
Tot Ion:139 Resp: 306055

Ion Ratio Lower Upper

139 100

109 57.4 58.5 98.5#

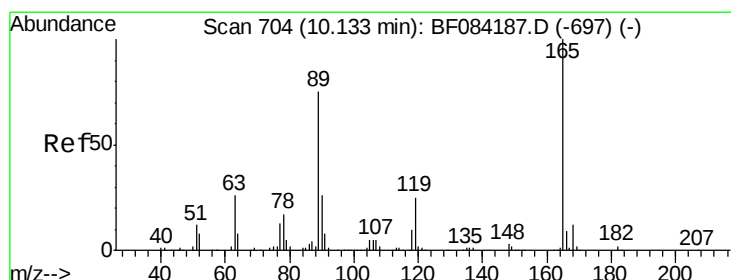
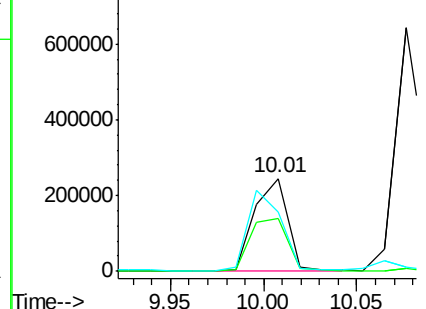
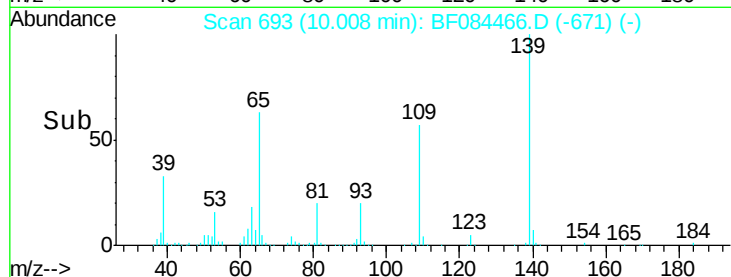
65 63.3 57.6 97.6



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: 40.45 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Tgt Ion:165 Resp: 424814

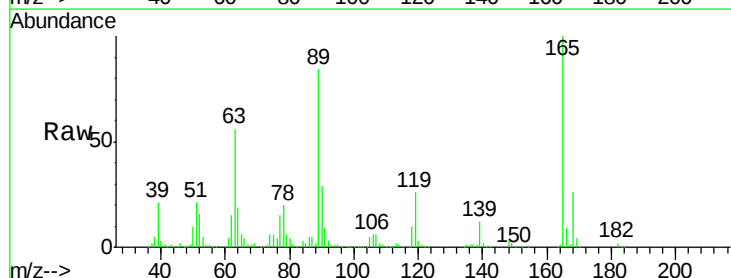
Ion Ratio Lower Upper

165 100

63 55.7 36.7 55.1#

89 84.1 61.9 92.9

182 2.0 2.0 3.0#

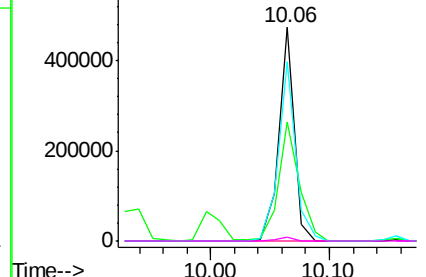
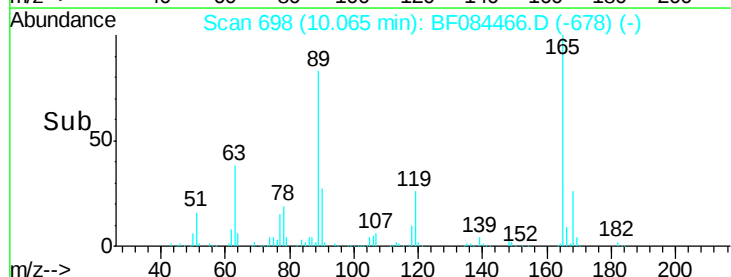


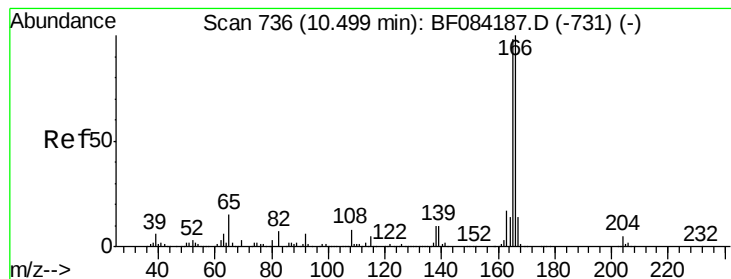
Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.43 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.08 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

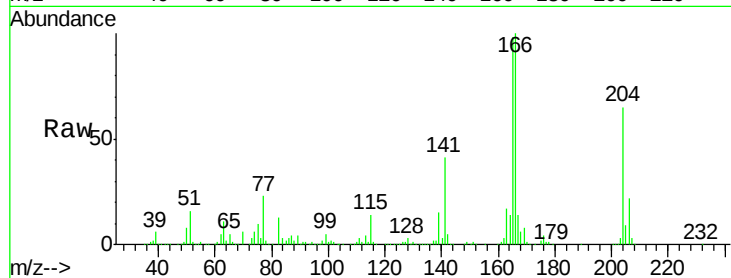
Tot Ion:166 Resp: 1240232

Ion Ratio Lower Upper

166 100

165 98.1 79.1 118.7

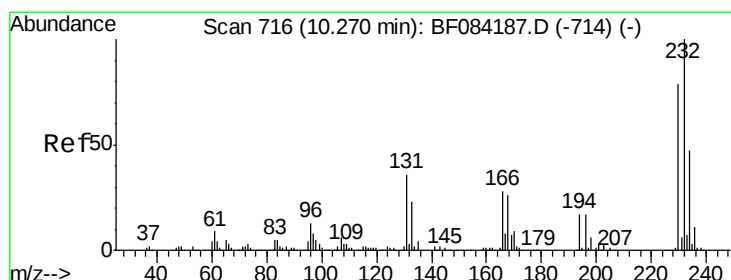
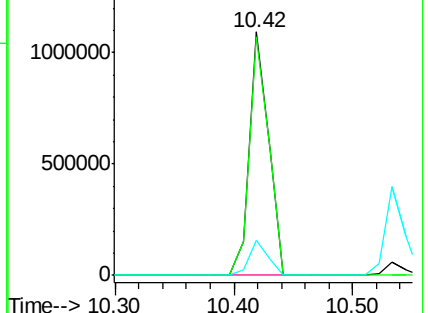
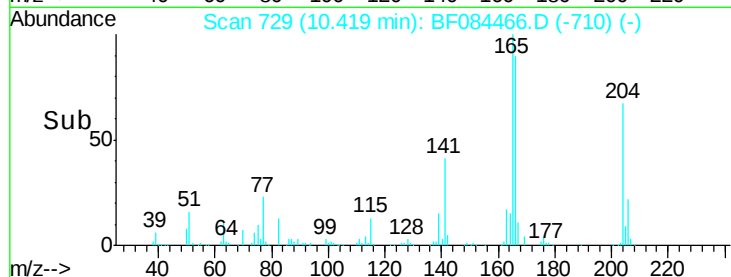
167 14.3 10.4 15.6



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: 40.95 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Tgt Ion:232 Resp: 381440

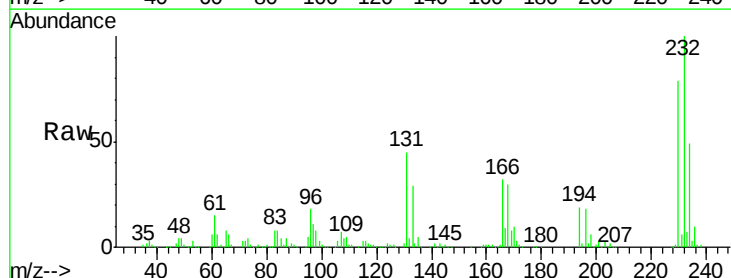
Ion Ratio Lower Upper

232 100

131 49.5 47.0 70.6

130 2.3 2.0 3.0

166 32.5 30.5 45.7

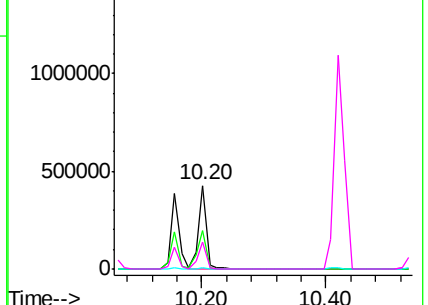
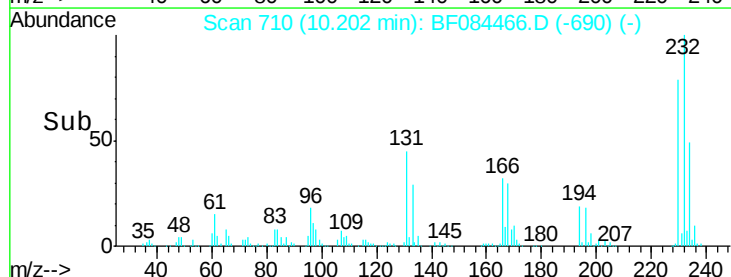


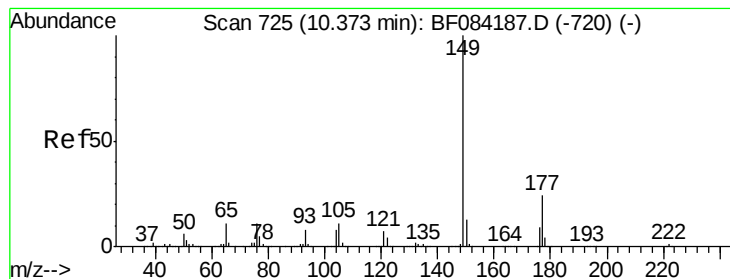
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.52 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

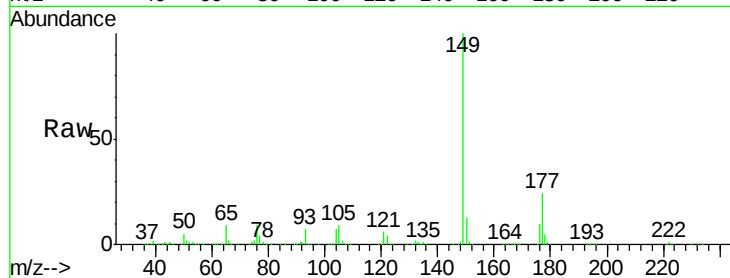
Tot Ion:149 Resp: 1548842

Ion Ratio Lower Upper

149 100

177 24.2 17.3 25.9

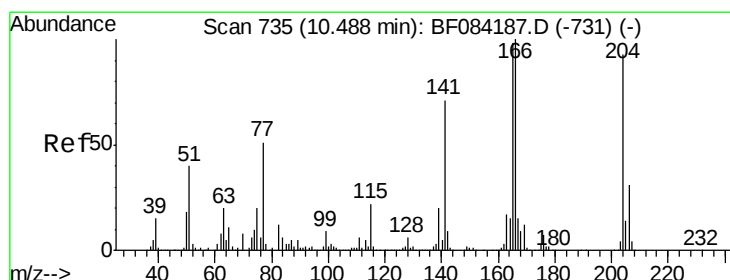
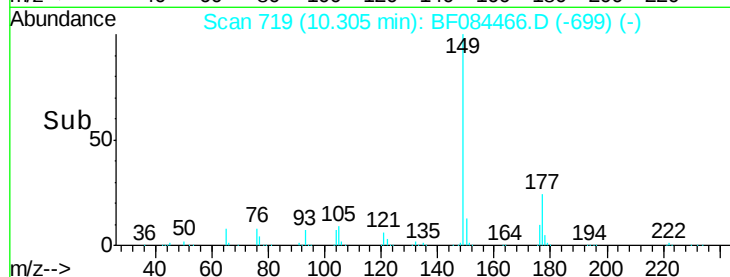
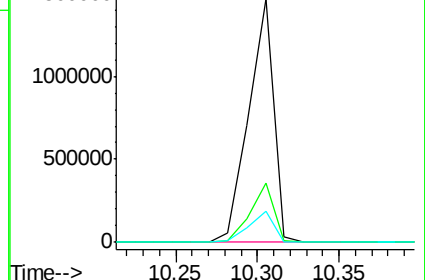
150 12.9 9.8 14.8



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: 46.72 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

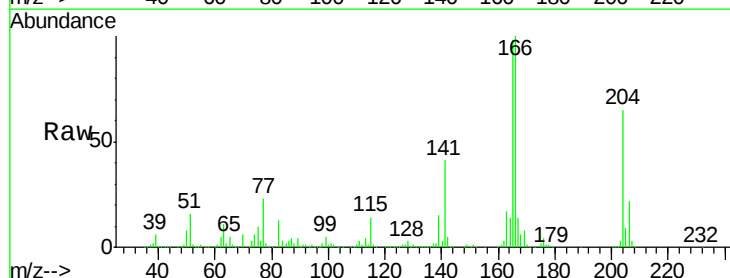
Tgt Ion:204 Resp: 642158

Ion Ratio Lower Upper

204 100

206 33.3 25.7 38.5

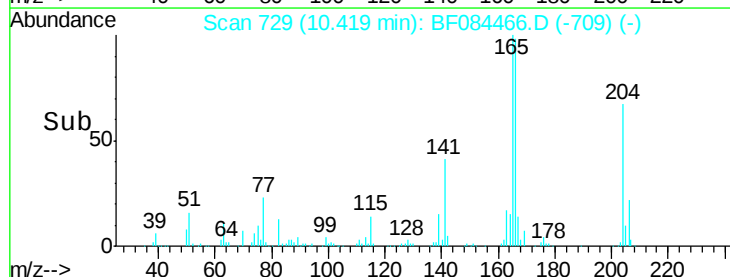
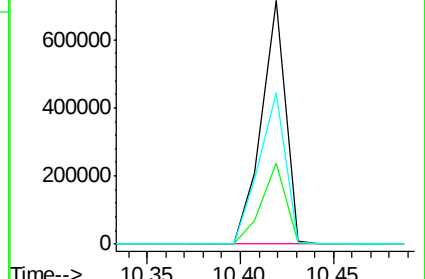
141 62.1 55.1 82.7

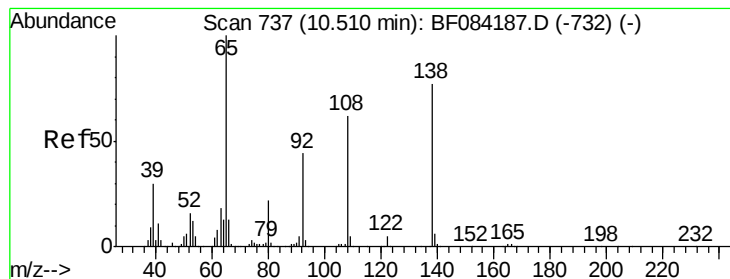


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.38 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

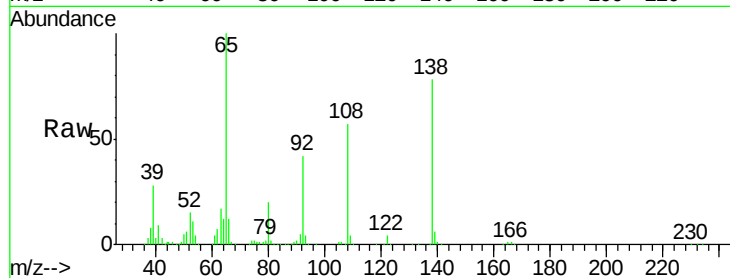
Tot Ion:138 Resp: 415862

Ion Ratio Lower Upper

138 100

92 54.5 32.6 72.6

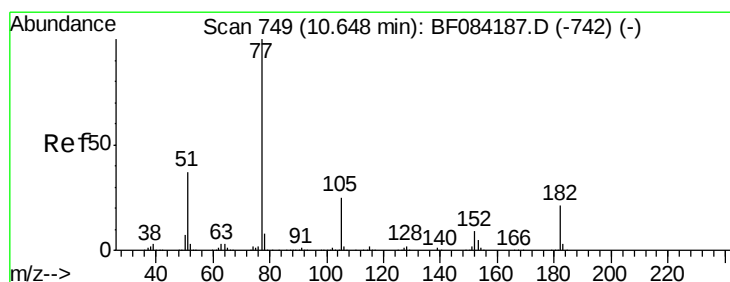
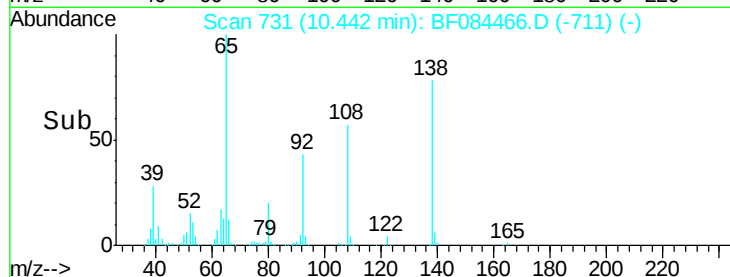
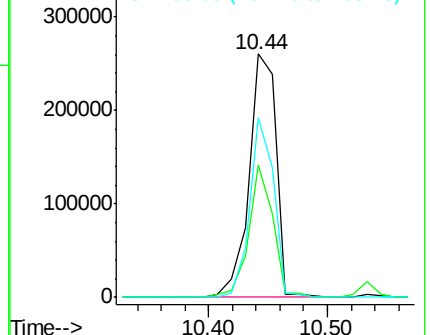
108 73.7 68.6 108.6



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: 41.92 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Tgt Ion: 77 Resp: 1715055

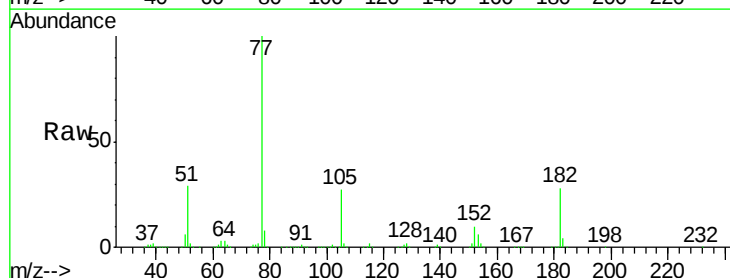
Ion Ratio Lower Upper

77 100

182 28.3 8.3 48.3

105 26.7 4.6 44.6

51 29.2 6.2 46.2

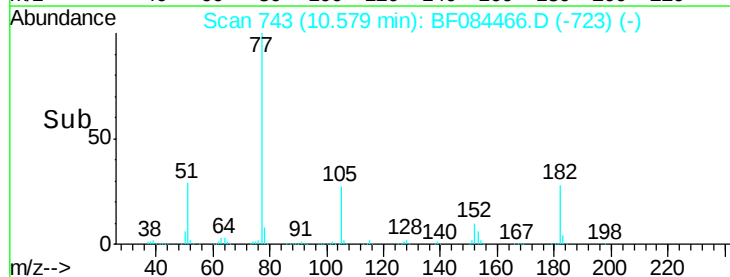
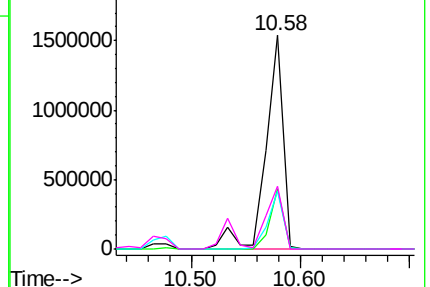


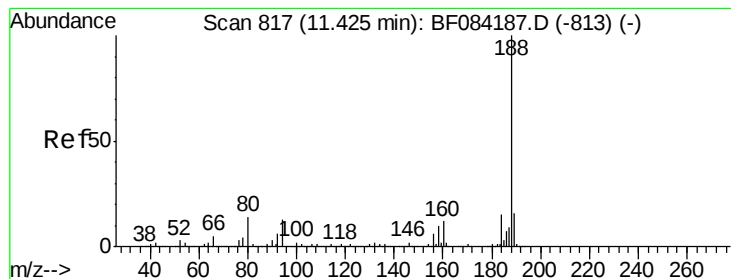
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.36 min Scan# 811

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

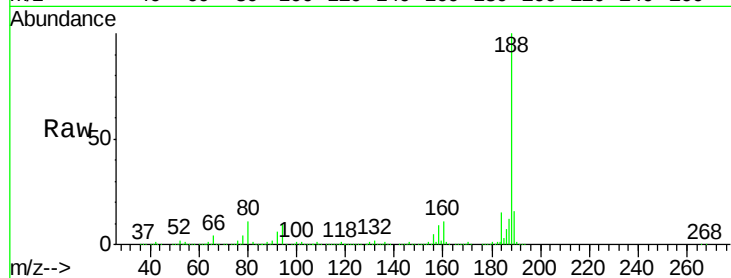
Tot Ion:188 Resp: 1003914

Ion Ratio Lower Upper

188 100

94 9.9 9.0 13.4

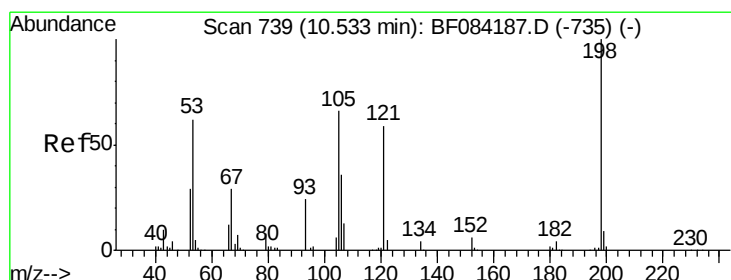
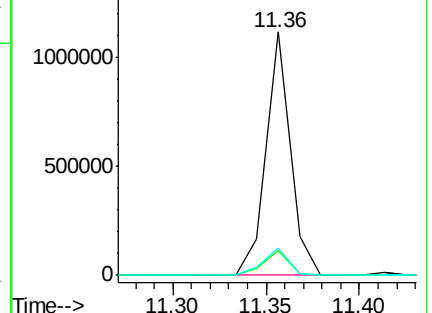
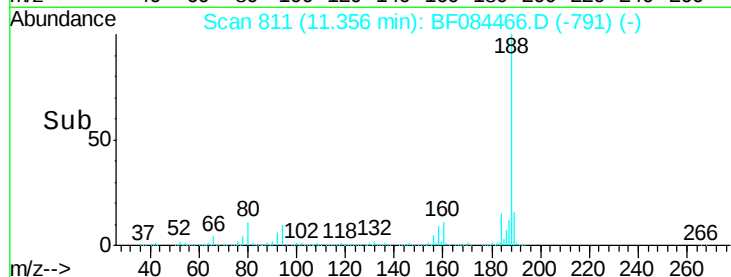
80 11.0 9.6 14.4



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: 40.03 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.06 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

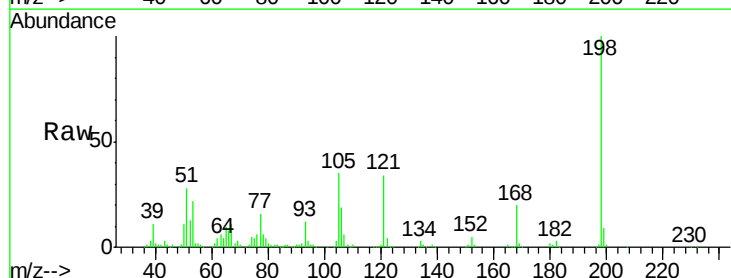
Tgt Ion:198 Resp: 245512

Ion Ratio Lower Upper

198 100

51 28.4 18.9 58.9

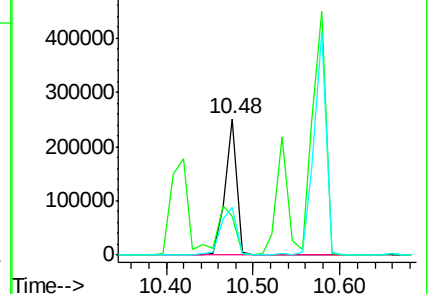
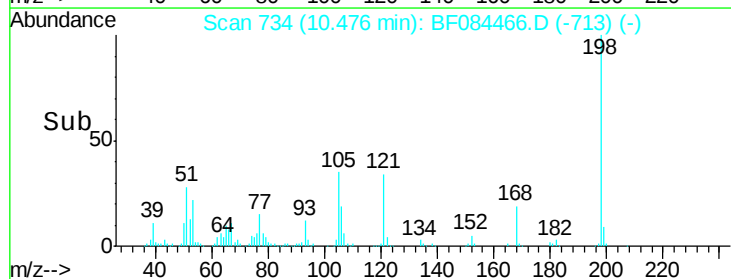
105 35.0 26.4 66.4

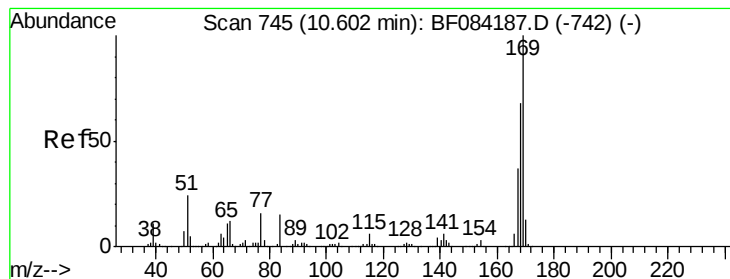


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.78 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

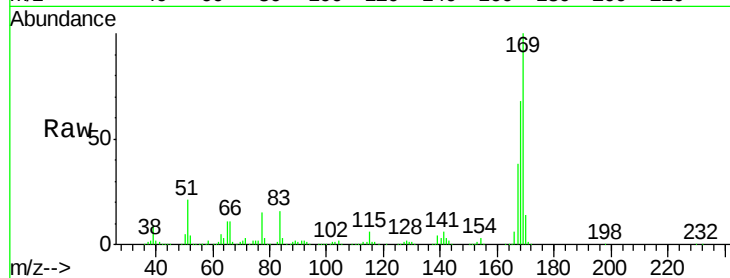
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 1148507

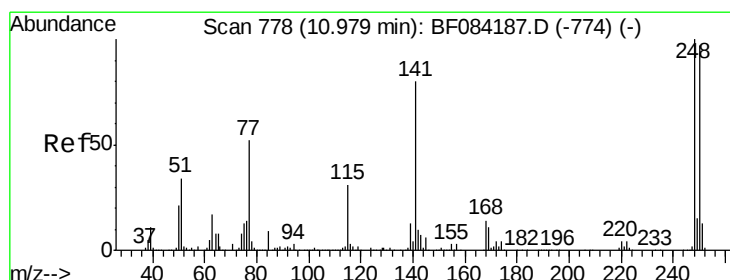
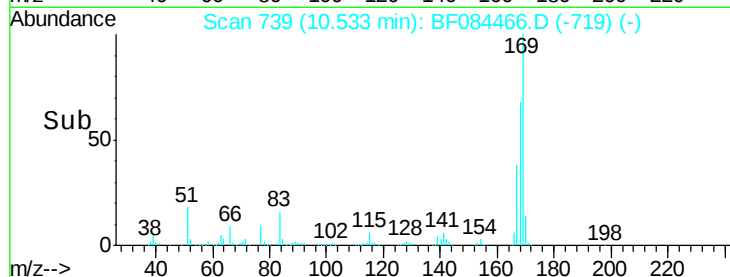
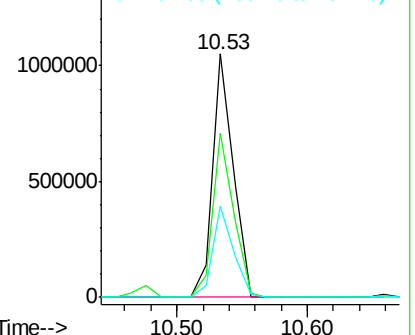
Ion	Ratio	Lower	Upper
169	100		
168	67.6	55.1	82.7
167	37.7	30.0	45.0



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: 39.05 ng

RT: 10.91 min Scan# 772

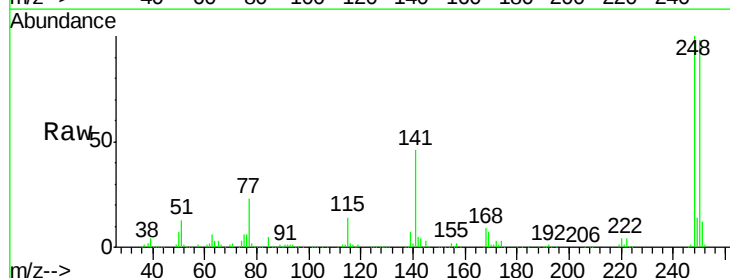
Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Tgt Ion:248 Resp: 421984

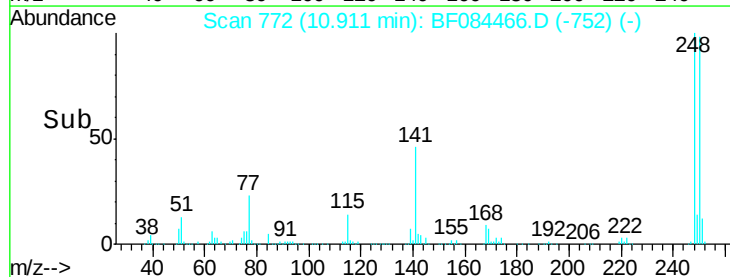
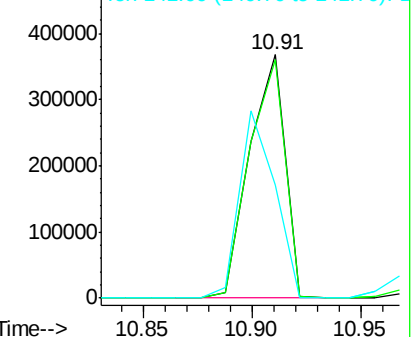
Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.4	117.6
141	46.4	44.0	66.0

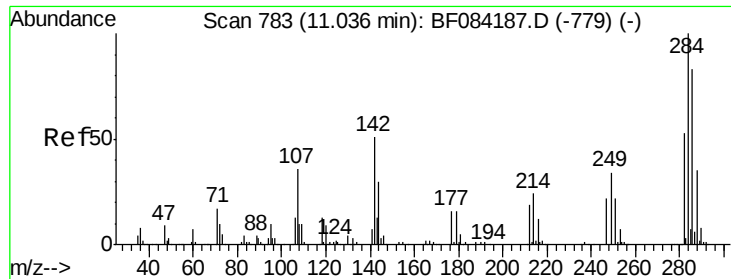


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

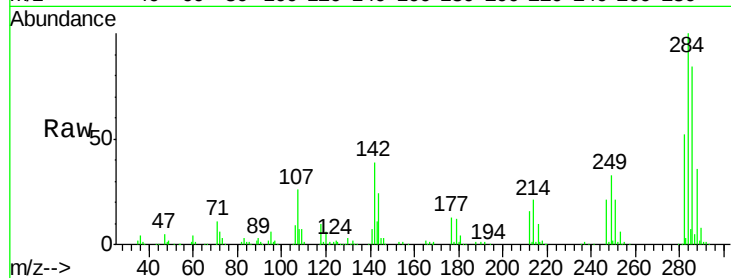




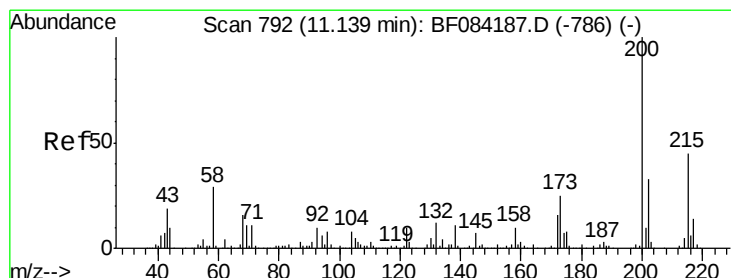
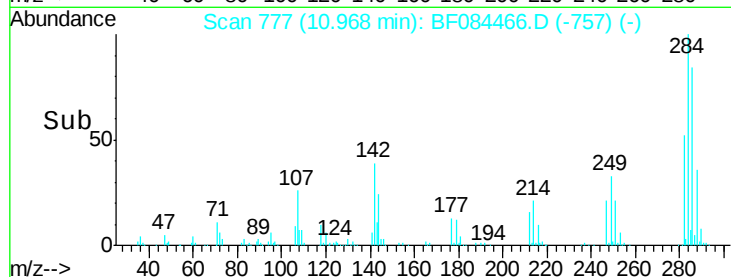
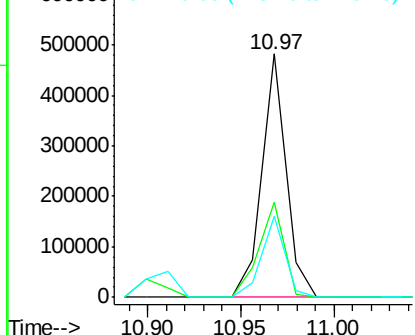
#67
Hexachlorobenzene
Concen: 35.41 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.07 min
Lab File: BF084466.D
Acq: 14 Jan 2016 2:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 430686
Ion Ratio Lower Upper
284 100
142 38.9 22.2 33.4#
249 33.5 24.6 37.0

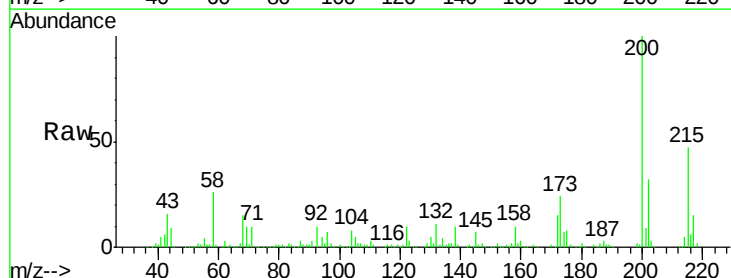


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

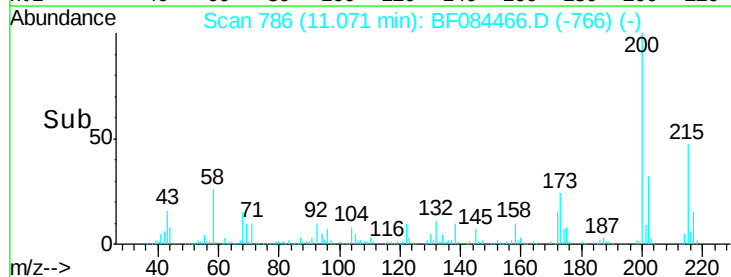
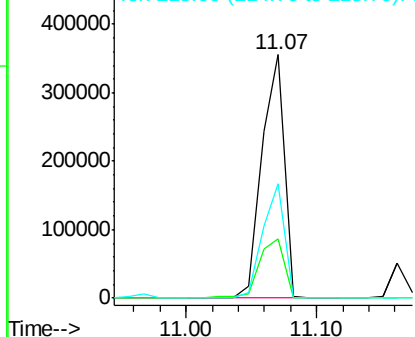


#68
Atrazine
Concen: 40.51 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.07 min
Lab File: BF084466.D
Acq: 14 Jan 2016 2:42

Tgt Ion:200 Resp: 425564
Ion Ratio Lower Upper
200 100
173 24.2 9.5 49.5
215 47.1 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: 33.69 ng

RT: 11.16 min Scan# 794

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

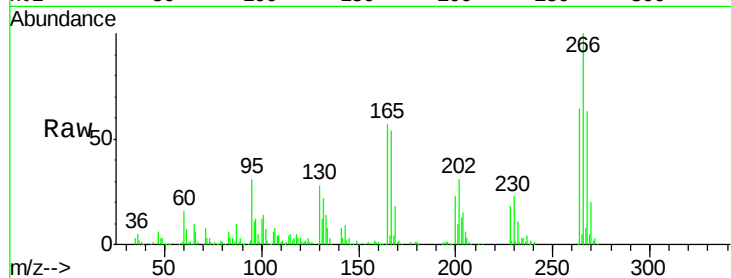
Tot Ion:266 Resp: 212479

Ion Ratio Lower Upper

266 100

268 63.3 52.4 78.6

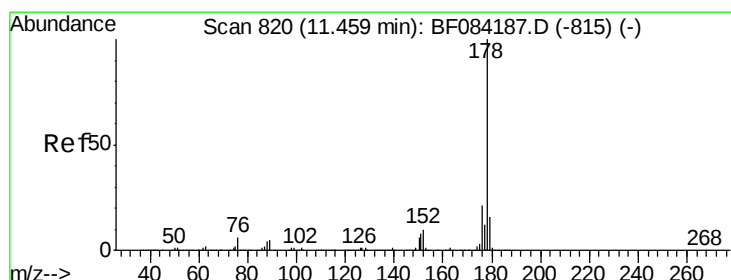
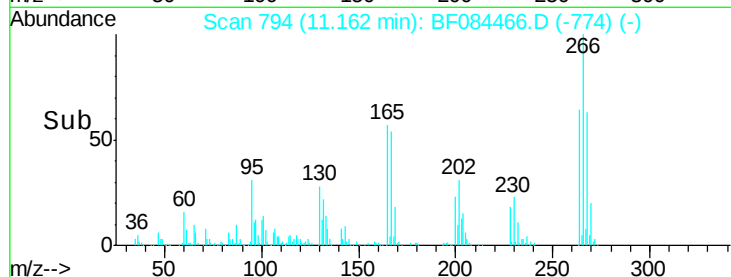
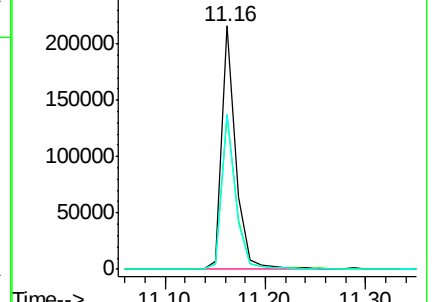
264 63.7 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 36.27 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.08 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

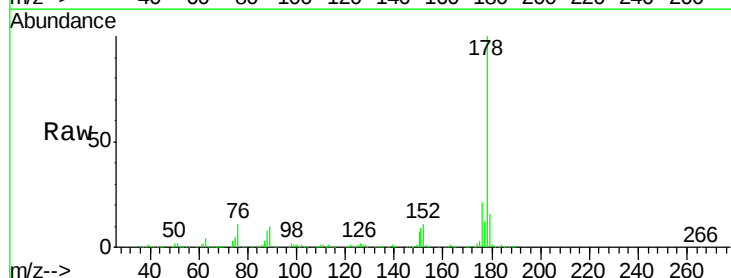
Tgt Ion:178 Resp: 1904438

Ion Ratio Lower Upper

178 100

176 20.7 15.3 22.9

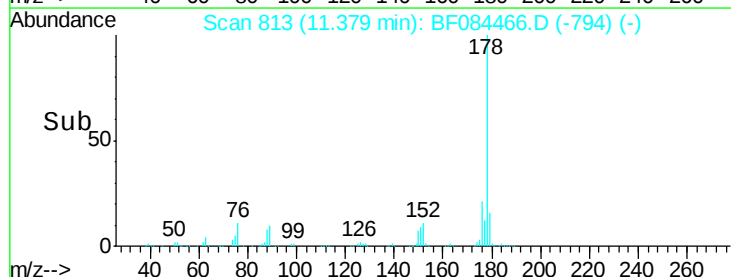
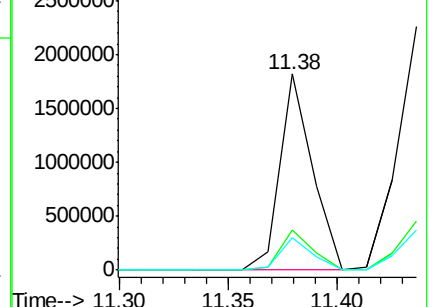
179 16.5 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 42.36 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

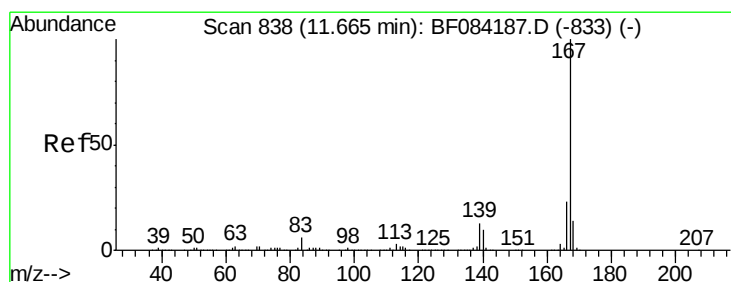
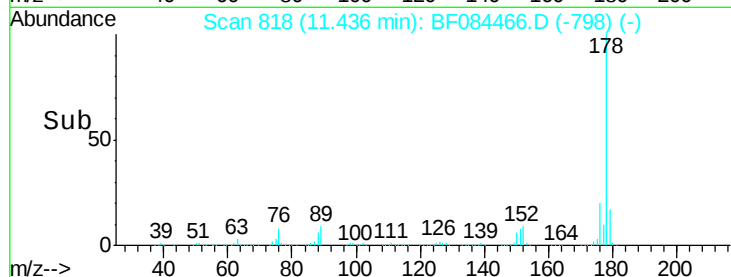
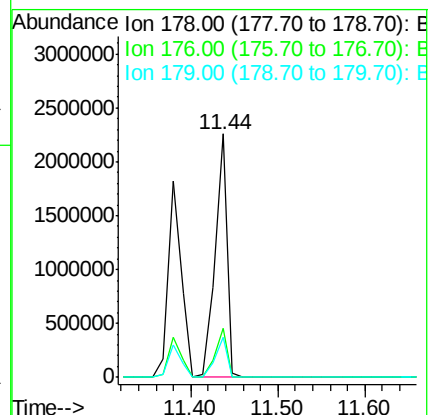
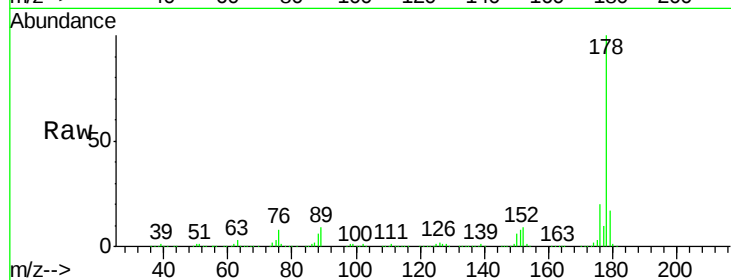
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 2180637

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.0
179	16.6	12.5	18.7



#72

Carbazole

Concen: 39.52 ng

RT: 11.60 min Scan# 832

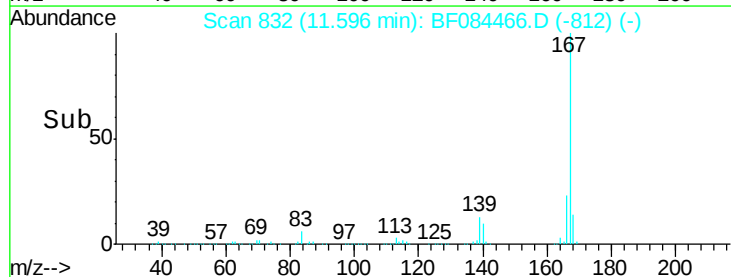
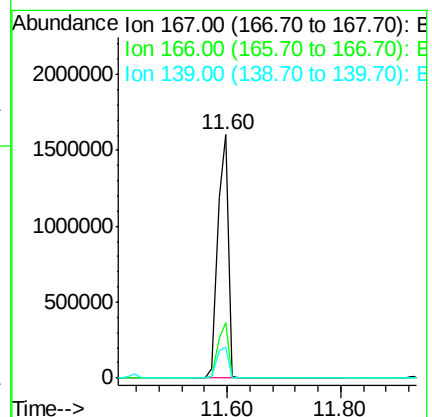
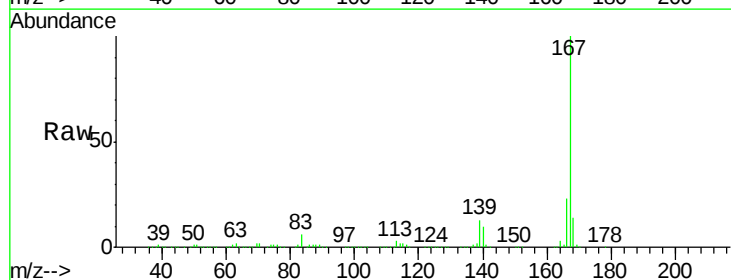
Delta R.T. -0.07 min

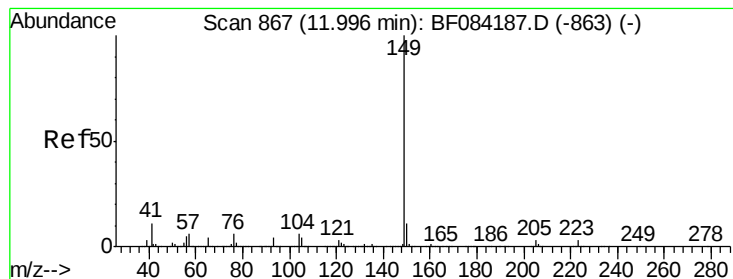
Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Tgt Ion:167 Resp: 1988721

Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.6	26.4
139	12.9	11.8	17.8





#73

Di-n-butylphthalate

Concen: 43.17 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

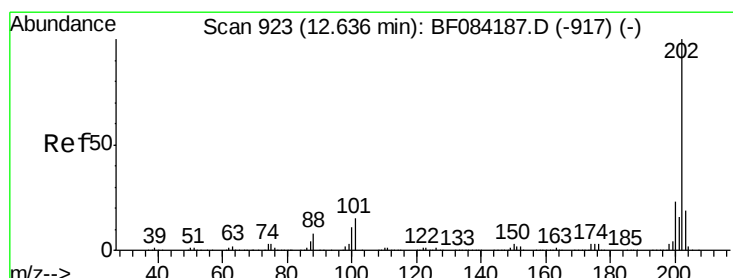
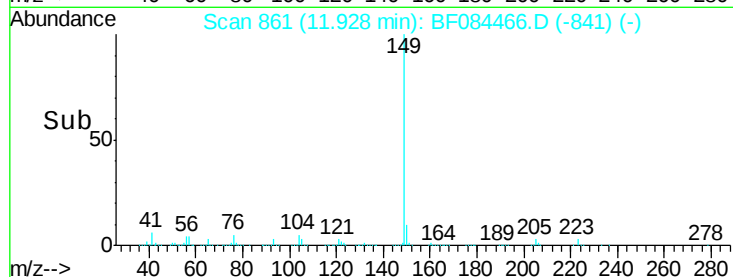
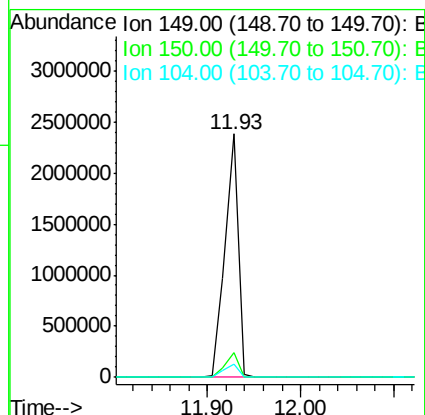
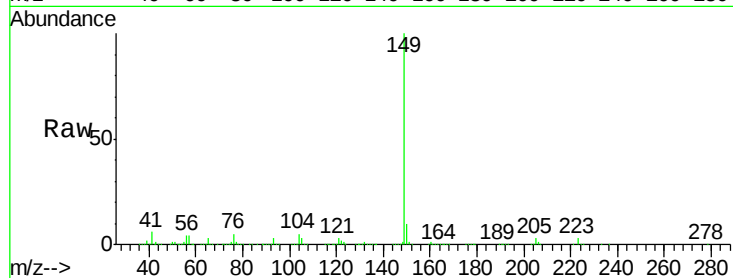
Tot Ion:149 Resp: 2333471

Ion Ratio Lower Upper

149 100

150 9.9 7.1 10.7

104 5.2 3.2 4.8#



#74

Fluoranthene

Concen: 37.06 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

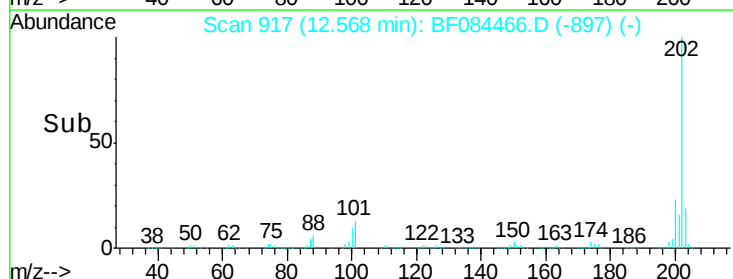
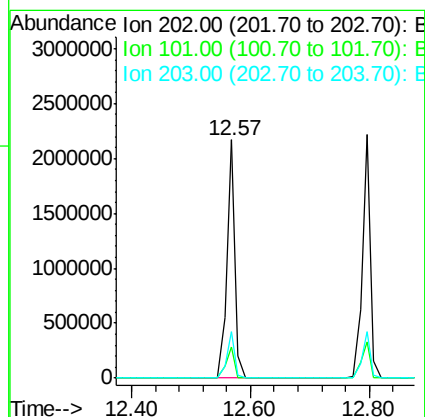
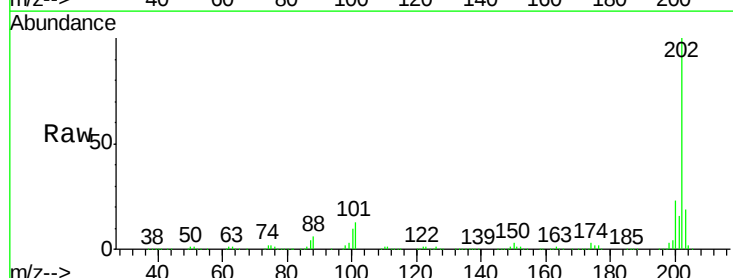
Tgt Ion:202 Resp: 2032825

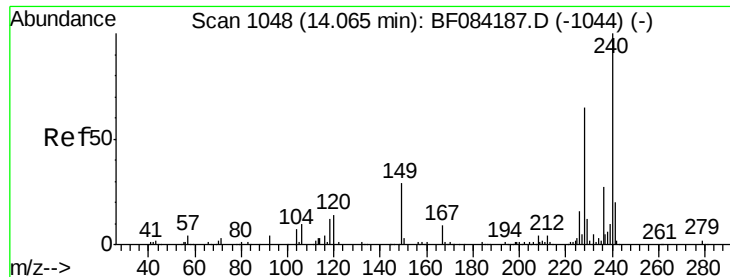
Ion Ratio Lower Upper

202 100

101 13.2 0.0 32.8

203 19.3 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

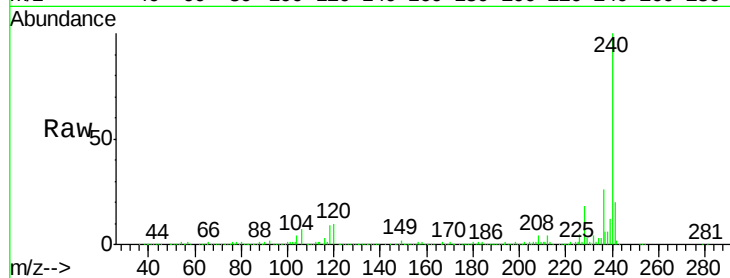
Tot Ion:240 Resp: 796216

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

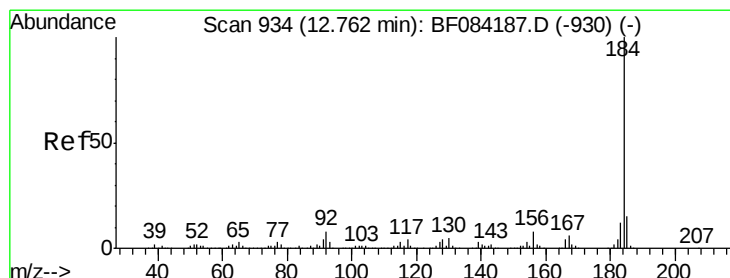
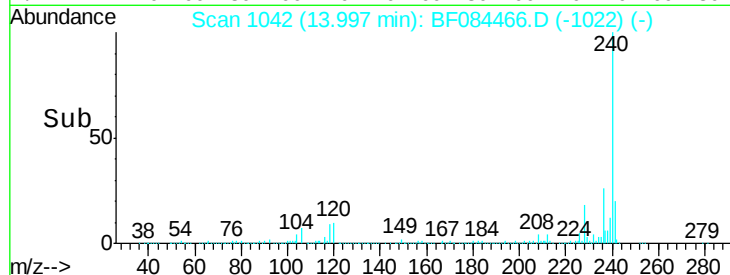
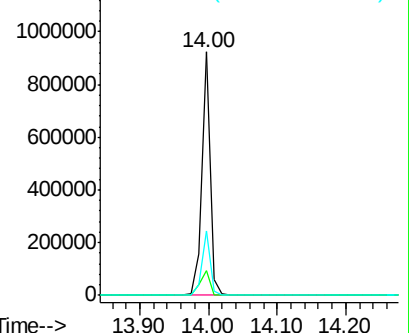
236 26.2 20.6 31.0



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: 33.14 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

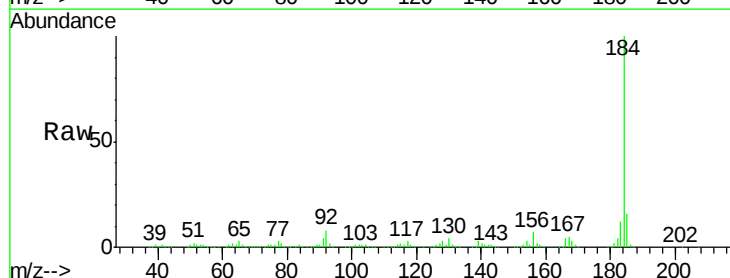
Tgt Ion:184 Resp: 946221

Ion Ratio Lower Upper

184 100

185 15.8 12.2 18.2

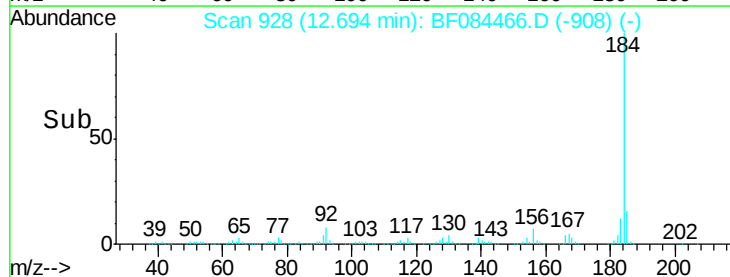
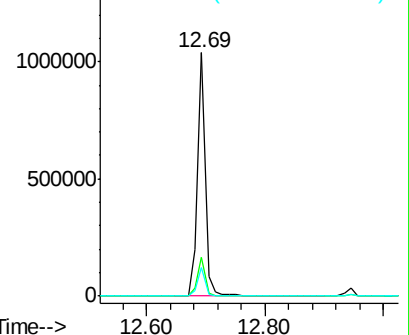
183 11.8 9.8 14.8

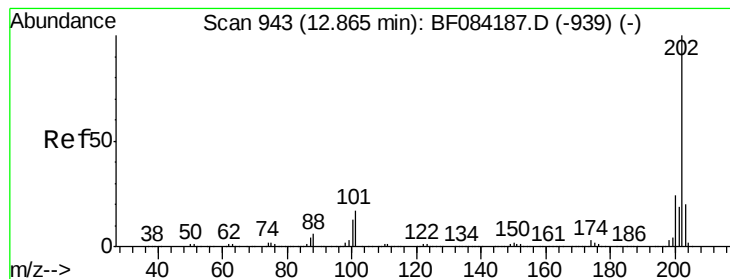


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 33.24 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

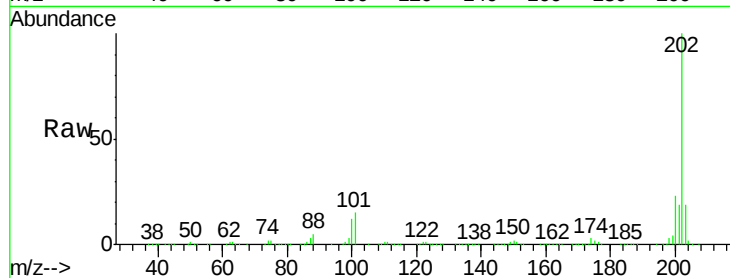
Tot Ion:202 Resp: 2077206

Ion Ratio Lower Upper

202 100

200 23.2 17.2 25.8

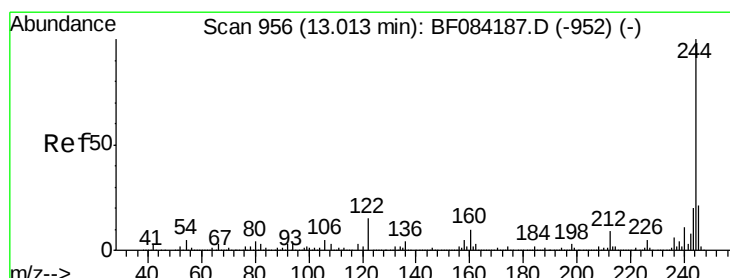
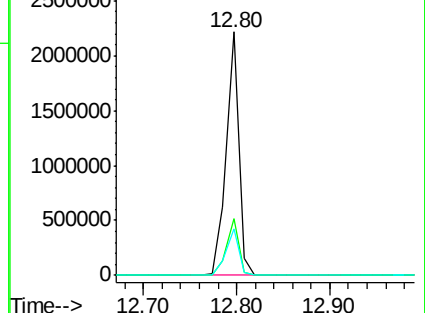
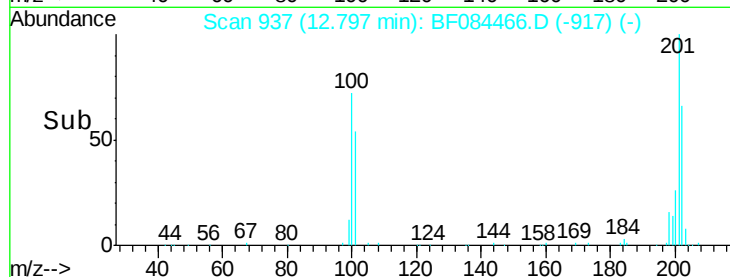
203 19.1 14.3 21.5



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: 63.89 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

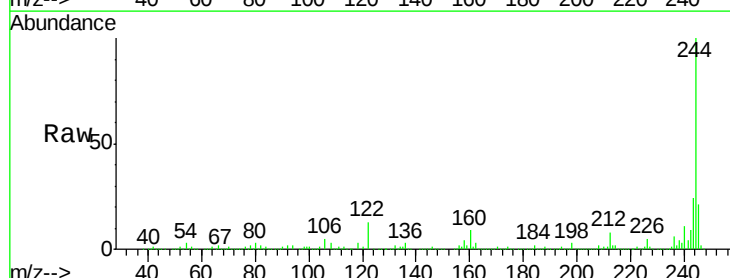
Tgt Ion:244 Resp: 2278922

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

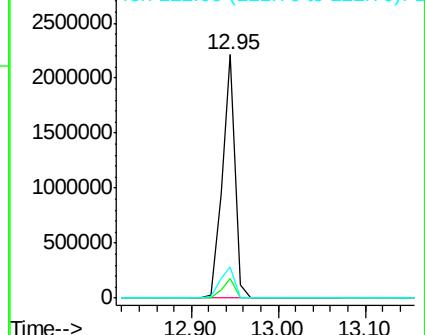
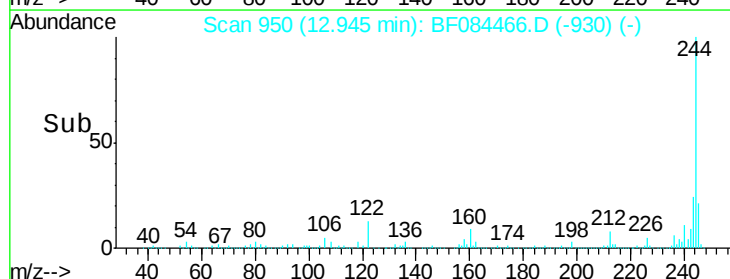
122 13.0 7.4 11.0#

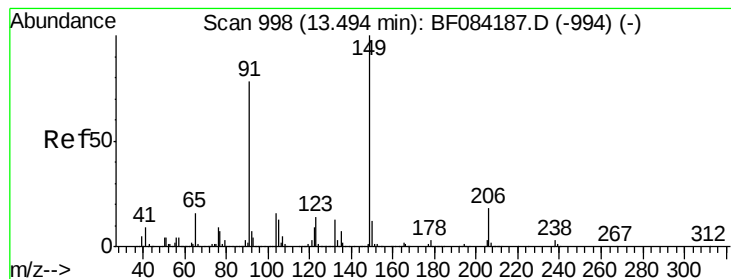


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 35.98 ng

RT: 13.43 min Scan# 992

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

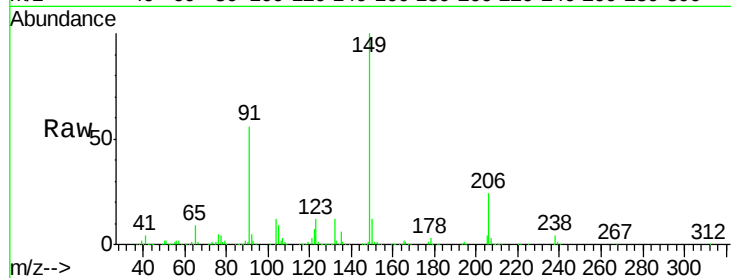
Tot Ion:149 Resp: 972902

Ion Ratio Lower Upper

149 100

91 55.9 57.6 86.4#

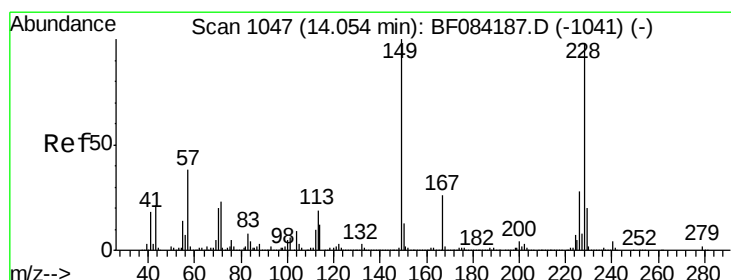
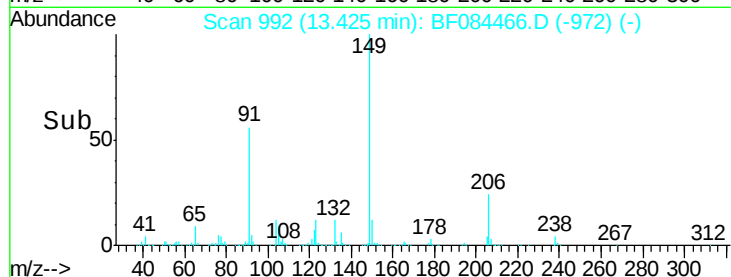
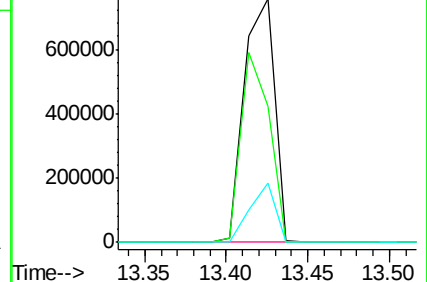
206 24.3 13.2 19.8#



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: 34.30 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

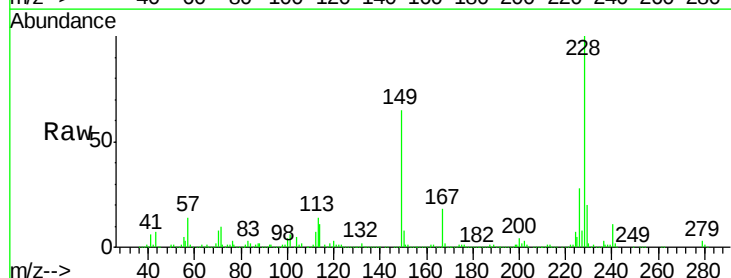
Tgt Ion:228 Resp: 1603720

Ion Ratio Lower Upper

228 100

226 28.2 21.8 32.6

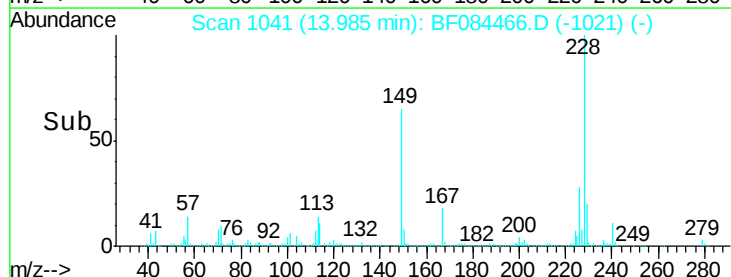
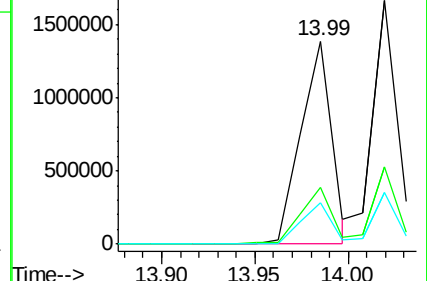
229 20.5 15.8 23.8



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

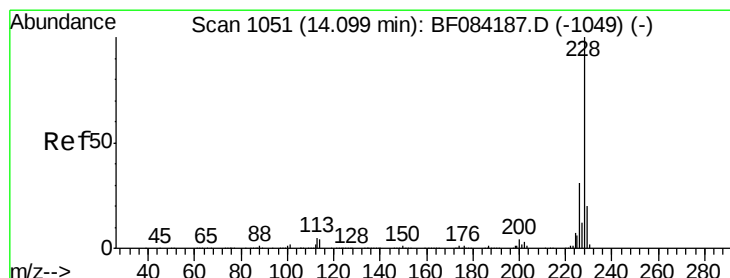
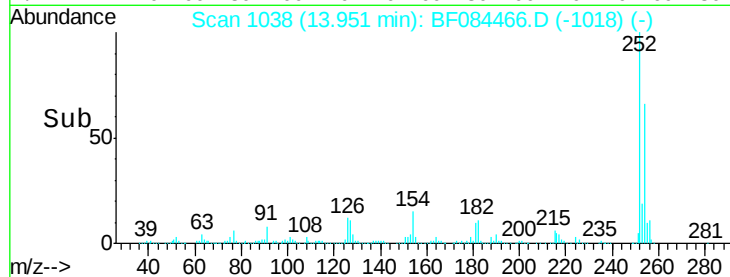
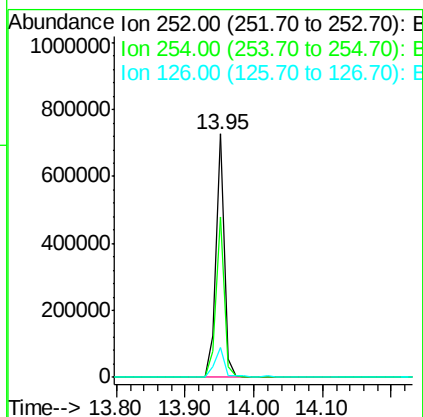
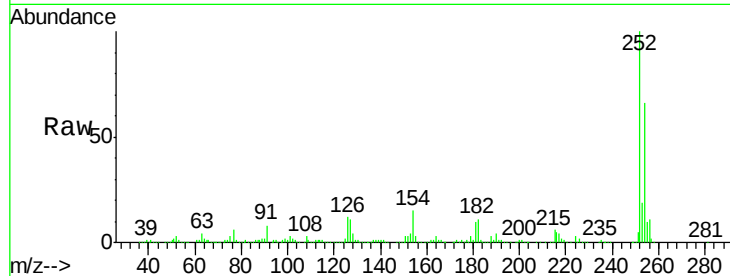




#81
 3,3'-Dichlorobenzidine
 Concen: 38.71 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.07 min
 Lab File: BF084466.D
 Acq: 14 Jan 2016 2:42

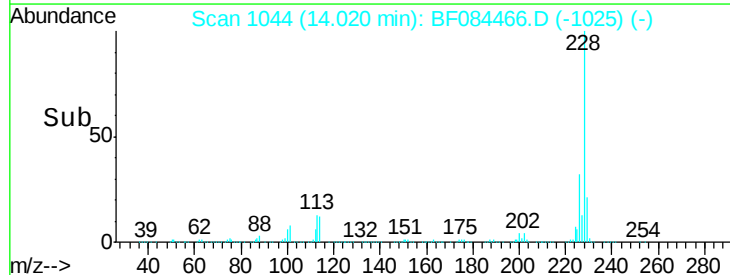
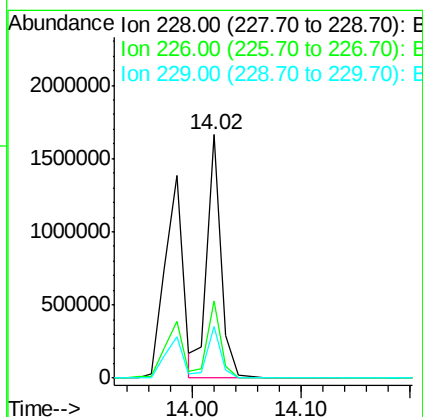
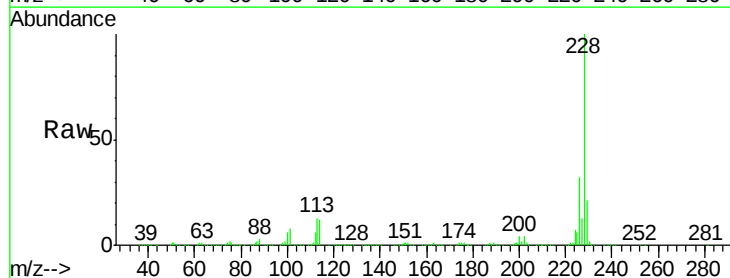
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

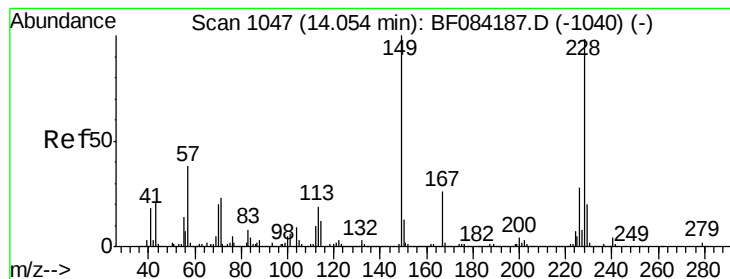
Tot Ion:252 Resp: 631616
 Ion Ratio Lower Upper
 252 100
 254 65.7 53.5 80.3
 126 12.2 4.9 7.3#



#82
 Chrysene
 Concen: 33.61 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.08 min
 Lab File: BF084466.D
 Acq: 14 Jan 2016 2:42

Tgt Ion:228 Resp: 1509815
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.3 36.5
 229 20.9 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.32 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.07 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

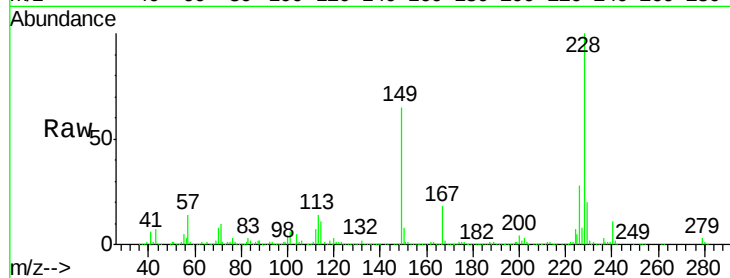
Tot Ion:149 Resp: 1172453

Ion Ratio Lower Upper

149 100

167 28.5 19.7 29.5

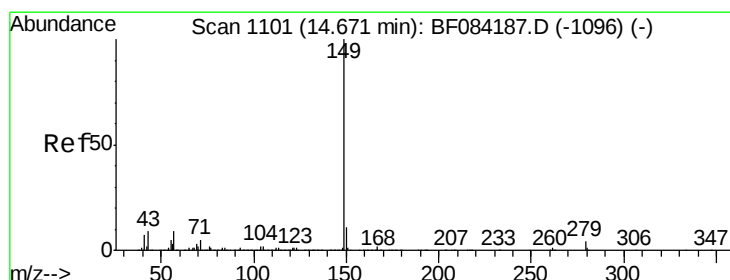
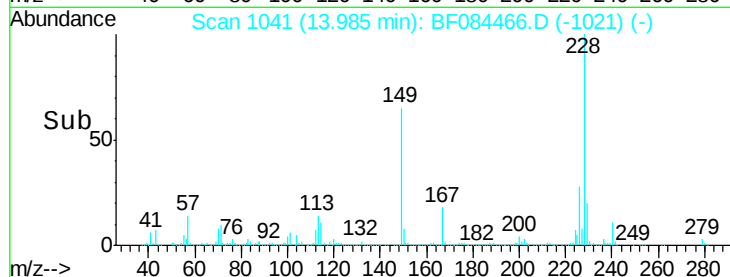
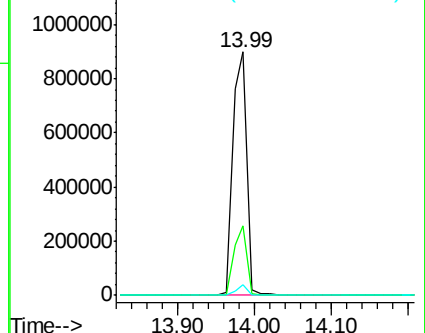
279 4.3 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 33.27 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.08 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

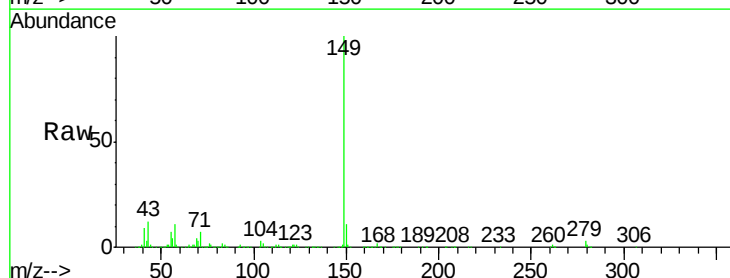
Tgt Ion:149 Resp: 1918588

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

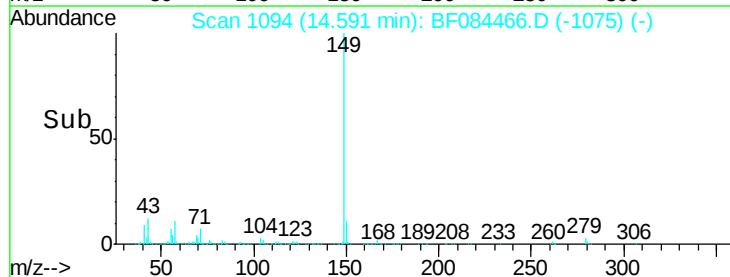
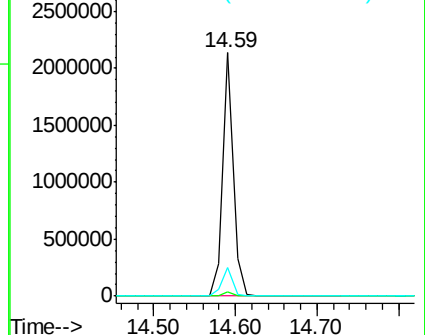
43 12.2 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

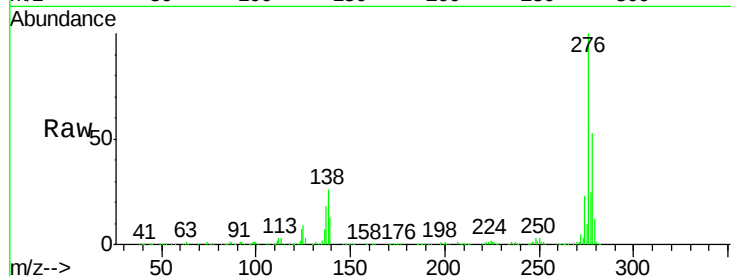




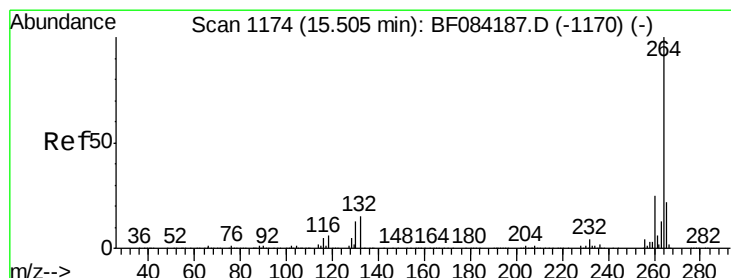
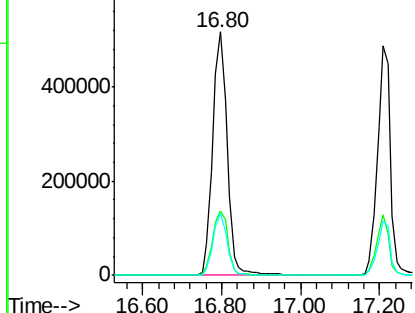
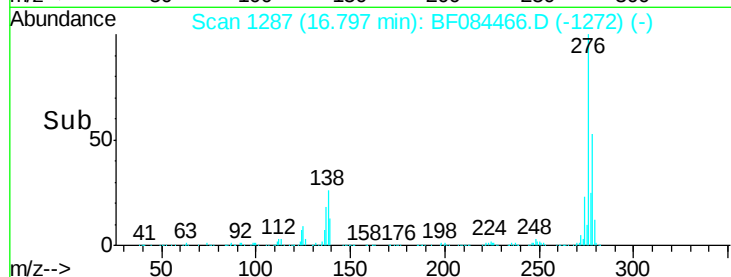
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.49 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. -0.13 min
 Lab File: BF084466.D
 Acq: 14 Jan 2016 2:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Tot Ion:276 Resp: 1299323
 Ion Ratio Lower Upper
 276 100
 138 28.2 20.6 30.8
 277 24.8 20.1 30.1

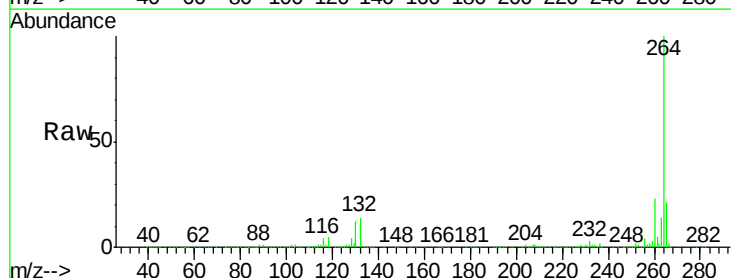


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

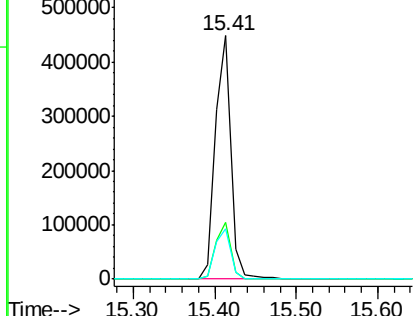
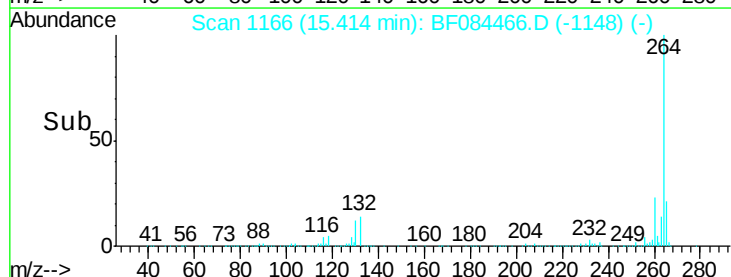


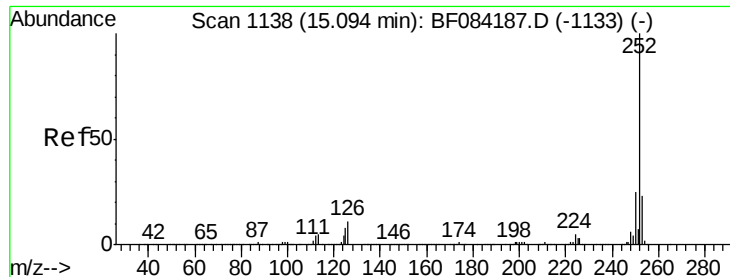
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.09 min
 Lab File: BF084466.D
 Acq: 14 Jan 2016 2:42

Tgt Ion:264 Resp: 595104
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 20.9 17.8 26.6



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

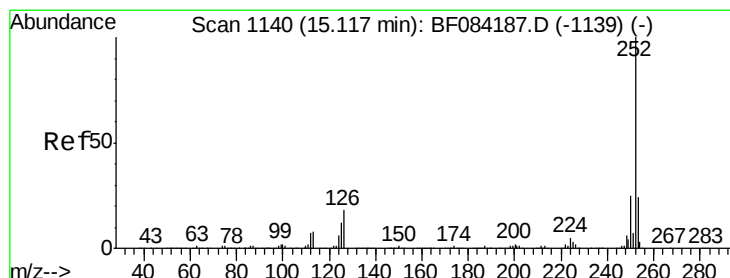
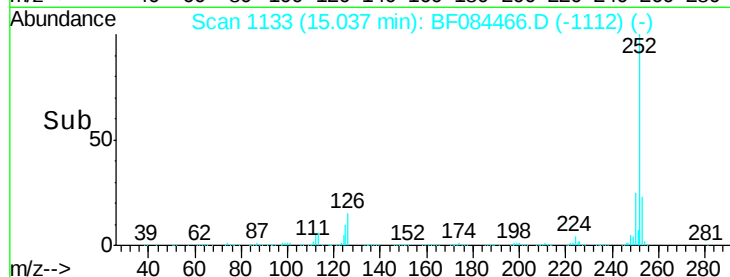
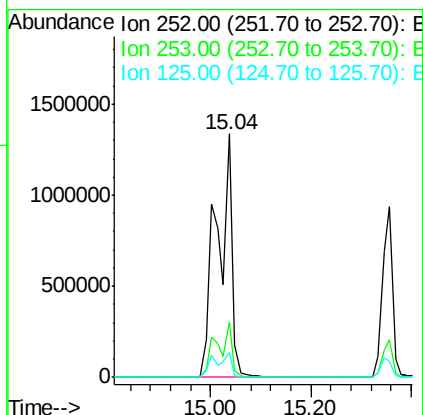
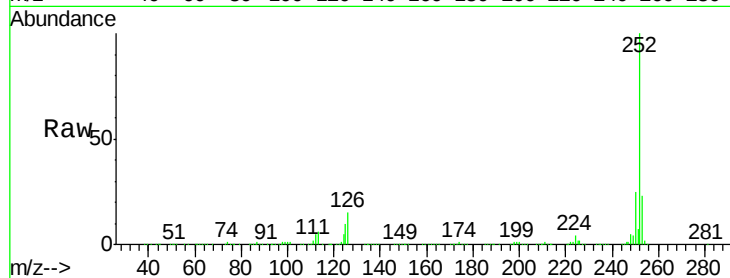




#87
Benzo(b)fluoranthene
Concen: 72.09 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.06 min
Lab File: BF084466.D
Acq: 14 Jan 2016 2:42

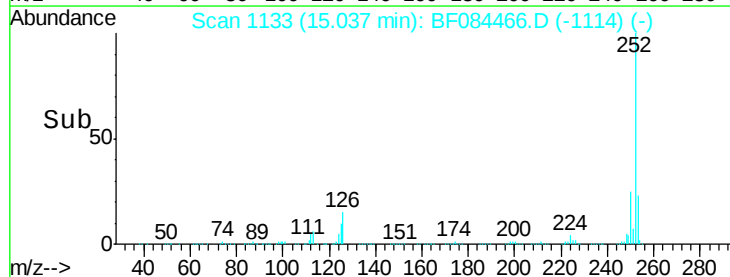
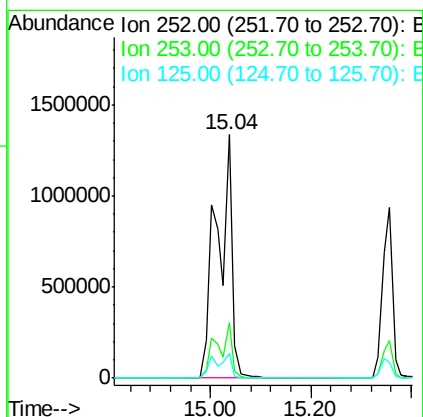
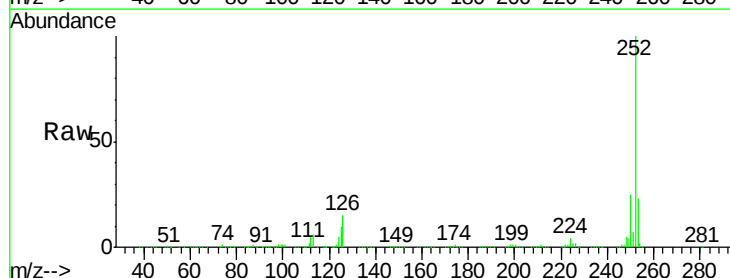
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

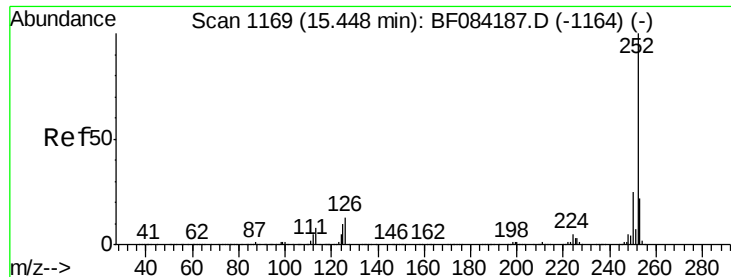
Tot Ion:252 Resp: 2806506
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 10.3 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 88.15 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.08 min
Lab File: BF084466.D
Acq: 14 Jan 2016 2:42

Tgt Ion:252 Resp: 2806506
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 10.3 9.0 13.6

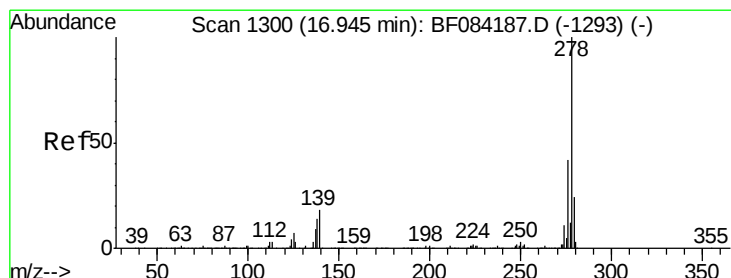
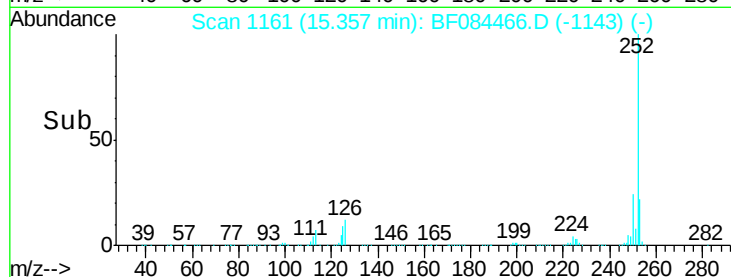
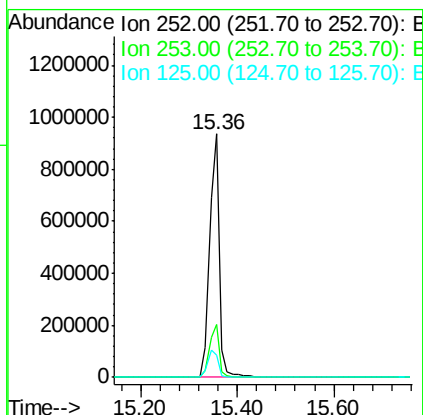
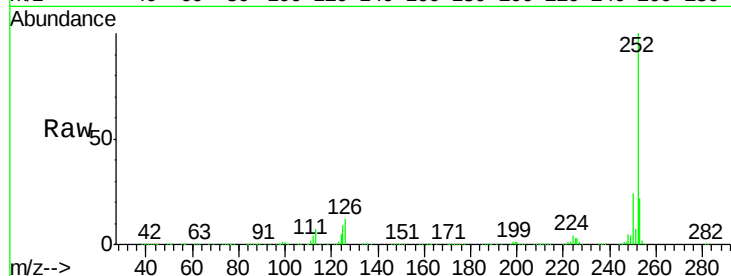




#89
Benzo(a)pyrene
Concen: 39.67 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.09 min
Lab File: BF084466.D
Acq: 14 Jan 2016 2:42

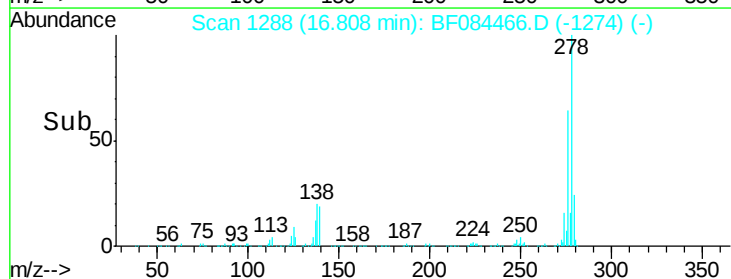
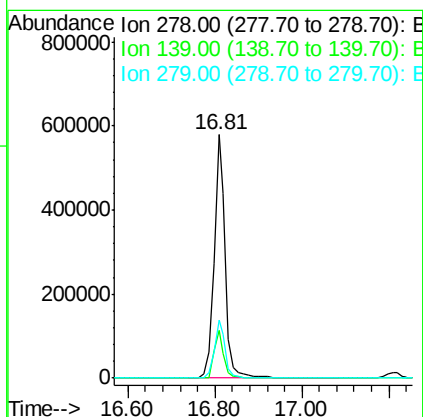
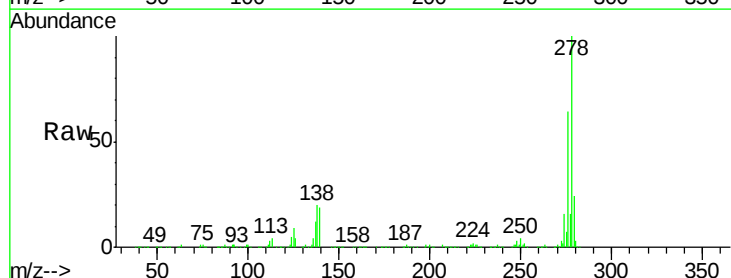
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

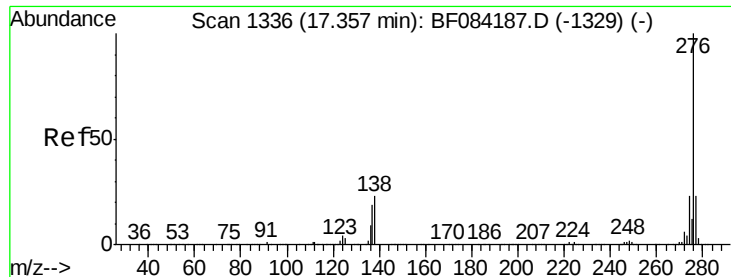
Tot Ion:252 Resp: 1310004
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.1 7.0 10.4



#90
Dibenzo(a,h)anthracene
Concen: 37.49 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.14 min
Lab File: BF084466.D
Acq: 14 Jan 2016 2:42

Tgt Ion:278 Resp: 1065112
Ion Ratio Lower Upper
278 100
139 19.4 15.0 22.4
279 24.1 18.9 28.3





#91

Benzo(a,h,i)perylene

Concen: 37.94 ng

RT: 17.21 min Scan# 1323

Delta R.T. -0.15 min

Lab File: BF084466.D

Acq: 14 Jan 2016 2:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

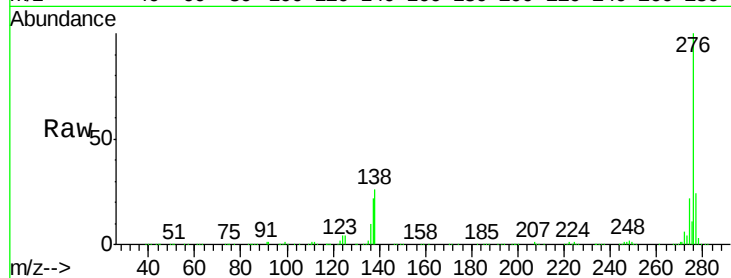
Tot Ion:276 Resp: 1116422

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 26.2 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

