

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085664.D
 Acq On : 22 Mar 2016 17:46
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 22 23:54:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	208569	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	905336	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	403440	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	803896	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	504954	20.00	ng	-0.01
86) Perylene-d12	15.41	264	385876	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	905236	72.90	ng	-0.02
7) Phenol-d6	6.48	99	1233109	77.43	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1164646	74.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	361046	91.36	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1710465	68.97	ng	-0.02
78) Terphenyl-d14	12.94	244	1941013	92.50	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	237385	39.33	ng	99
3) Pyridine	3.14	79	671301	45.29	ng	98
4) n-Nitrosodimethylamine	3.11	42	253427	40.96	ng	99
6) Aniline	6.50	93	855332	39.99	ng	99
8) 2-Chlorophenol	6.62	128	583165	40.60	ng	90
9) Benzaldehyde	6.38	77	306876	41.37	ng	98
10) Phenol	6.49	94	706959	38.97	ng	84
11) bis(2-Chloroethyl)ether	6.58	93	595373	43.54	ng	93
12) 1,3-Dichlorobenzene	6.86	146	651688	41.63	ng	98
13) 1,4-Dichlorobenzene	6.86	146	651688	40.82	ng	93
14) 1,2-Dichlorobenzene	7.01	146	526452	37.13	ng	96
15) Benzyl Alcohol	6.98	79	392152	35.95	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	722587	40.18	ng	96
17) 2-Methylphenol	7.10	107	486199	40.83	ng	100
18) Hexachloroethane	7.35	117	236903	41.09	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	410425	43.14	ng	97
20) 3+4-Methylphenols	7.26	107	468006	33.93	ng	96
22) Acetophenone	7.26	105	745279	34.69	ng	98
24) Nitrobenzene	7.43	77	638145	37.38	ng	94
25) Isophorone	7.67	82	1260149	40.36	ng	98
26) 2-Nitrophenol	7.74	139	323107	38.29	ng	# 88
27) 2,4-Dimethylphenol	7.78	122	531856	35.64	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	636400	35.83	ng	98
29) 2,4-Dichlorophenol	7.99	162	501056	40.66	ng	95
30) 1,2,4-Trichlorobenzene	8.07	180	539894	39.12	ng	96
31) Naphthalene	8.15	128	1704965	37.31	ng	99
32) Benzoic acid	7.94	122	424193	34.00	ng	100
33) 4-Chloroaniline	8.20	127	638658	34.10	ng	# 94
34) Hexachlorobutadiene	8.26	225	286928	39.01	ng	99
35) Caprolactam	8.60	113	174209	41.09	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	513497	35.68	ng	99
37) 2-Methylnaphthalene	8.84	142	951713	34.17	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	528003	43.15	ng	99
40) Hexachlorocyclopentadiene	8.98	237	228321	41.40	ng	99

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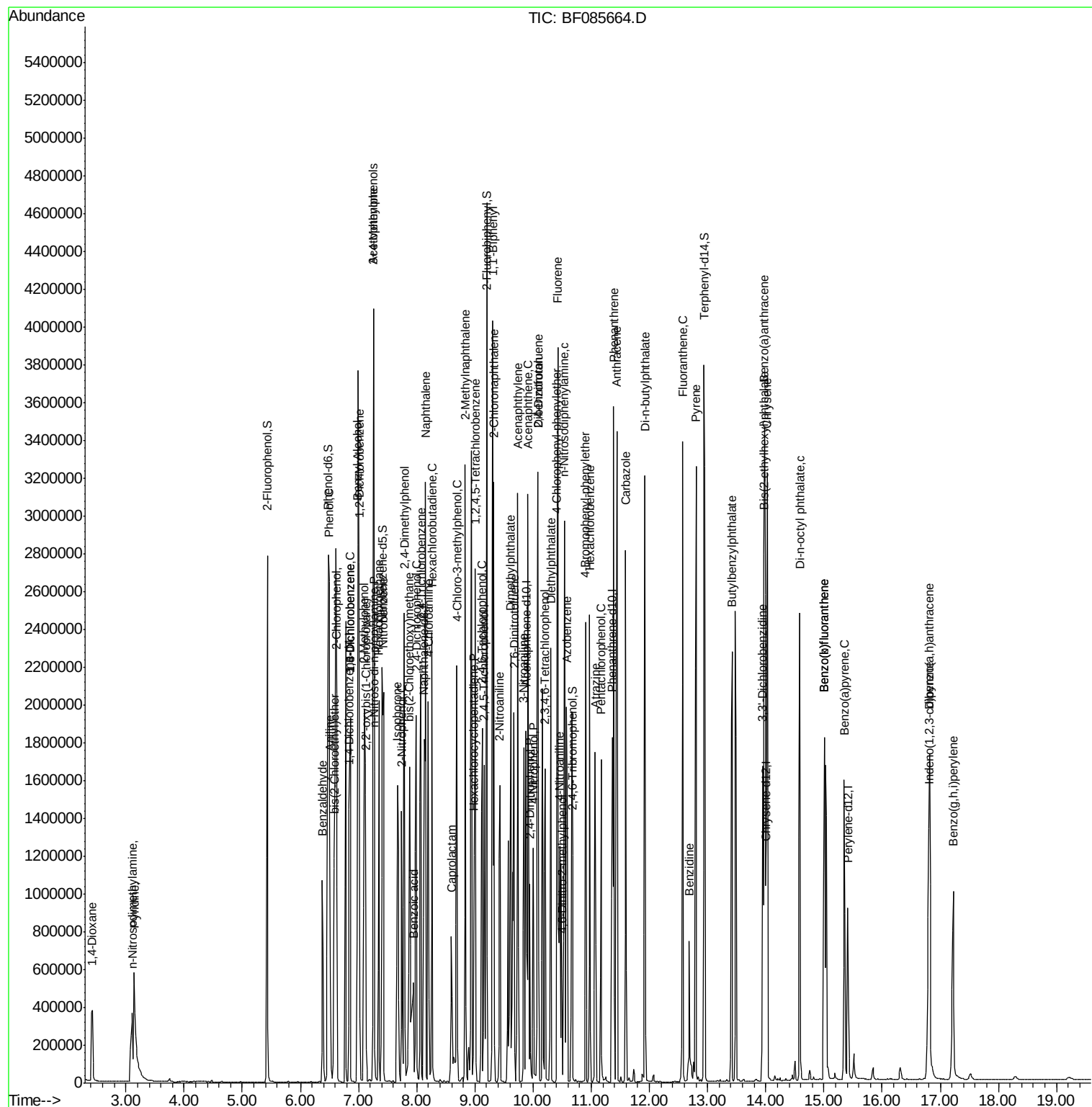
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	360634	43.05	ng	97
43) 2,4,5-Trichlorophenol	9.16	196	353533	41.47	ng	# 84
45) 1,1'-Biphenyl	9.30	154	1270625	36.51	ng	96
46) 2-Chloronaphthalene	9.33	162	950626	37.39	ng	94
47) 2-Nitroaniline	9.43	65	357667	46.51	ng	# 77
48) Acenaphthylene	9.74	152	1419500	34.50	ng	99
49) Dimethylphthalate	9.61	163	1226232	40.28	ng	100
50) 2,6-Dinitrotoluene	9.67	165	244080	37.98	ng	94
51) Acenaphthene	9.91	154	967520	37.47	ng	98
52) 3-Nitroaniline	9.84	138	321029	39.88	ng	98
53) 2,4-Dinitrophenol	9.94	184	131684	33.45	ng	91
54) Dibenzofuran	10.08	168	1103234	35.09	ng	96
55) 4-Nitrophenol	10.00	139	216235	34.76	ng	92
56) 2,4-Dinitrotoluene	10.08	165	358361	42.59	ng	# 93
57) Fluorene	10.42	166	910824	34.76	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	262209	42.72	ng	94
59) Diethylphthalate	10.31	149	1280018	42.29	ng	97
60) 4-Chlorophenyl-phenylether	10.41	204	492969	38.53	ng	96
61) 4-Nitroaniline	10.46	138	306065	38.57	ng	92
62) Azobenzene	10.57	77	1116275	38.43	ng	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	202635	39.39	ng	# 43
65) n-Nitrosodiphenylamine	10.54	169	851703	34.01	ng	99
66) 4-Bromophenyl-phenylether	10.90	248	302227	37.63	ng	92
67) Hexachlorobenzene	10.97	284	333456	39.08	ng	# 91
68) Atrazine	11.06	200	286579	37.59	ng	97
69) Pentachlorophenol	11.17	266	197935	38.21	ng	100
70) Phenanthrene	11.38	178	1403900	33.12	ng	99
71) Anthracene	11.44	178	1701824	38.29	ng	99
72) Carbazole	11.59	167	1270396	33.13	ng	99
73) Di-n-butylphthalate	11.92	149	1681080	35.01	ng	99
74) Fluoranthene	12.57	202	1705566	38.43	ng	92
76) Benzidine	12.69	184	301192	17.74	ng	98
77) Pyrene	12.80	202	1700516	46.90	ng	99
79) Butylbenzylphthalate	13.42	149	776966	44.96	ng	98
80) Benzo(a)anthracene	13.98	228	1178595	40.21	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	417129	38.83	ng	98
82) Chrysene	14.03	228	1190716	42.22	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	878548	40.92	ng	98
84) Di-n-octyl phthalate	14.59	149	1429649	40.86	ng	99
85) Indeno(1,2,3-cd)pyrene	16.80	276	980853	41.62	ng	98
87) Benzo(b)fluoranthene	15.01	252	965253	38.34	ng	97
88) Benzo(k)fluoranthene	15.01	252	965253	46.53	ng	99
89) Benzo(a)pyrene	15.35	252	862170	40.39	ng	98
90) Dibenzo(a,h)anthracene	16.81	278	812386	45.63	ng	98
91) Benzo(g,h,i)perylene	17.23	276	822088	47.71	ng	96

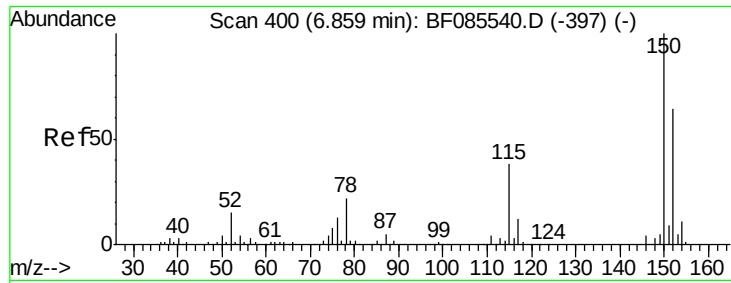
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

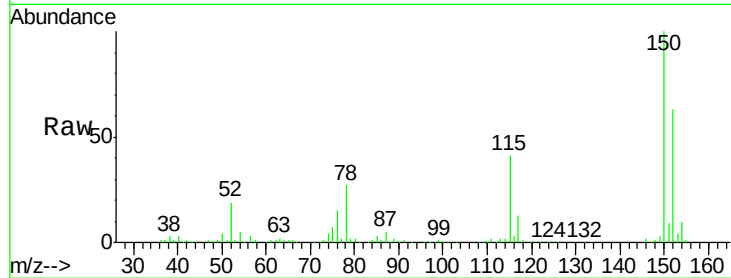
Tgt Ion:152 Resp: 208569

Ion Ratio Lower Upper

152 100

150 157.7 124.2 186.2

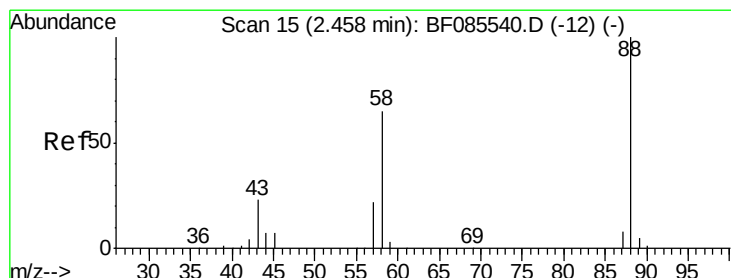
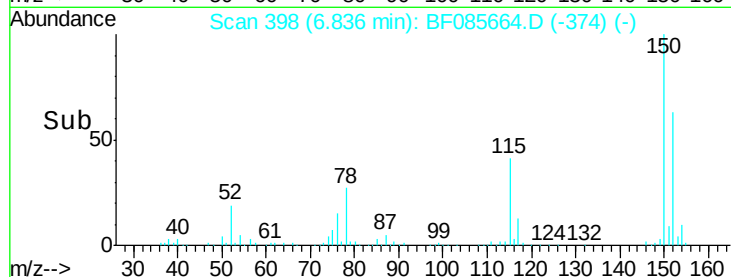
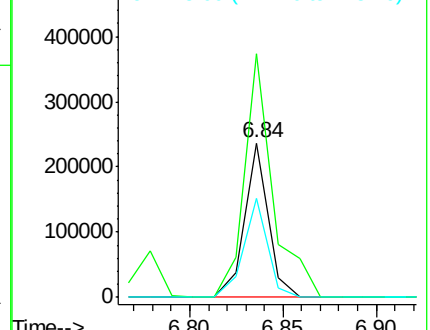
115 64.3 47.0 70.6



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: 39.33 ng

RT: 2.42 min Scan# 12

Delta R.T. -0.03 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

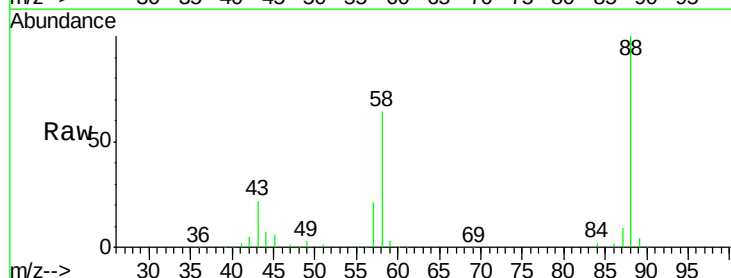
Tgt Ion: 88 Resp: 237385

Ion Ratio Lower Upper

88 100

58 68.1 54.2 81.2

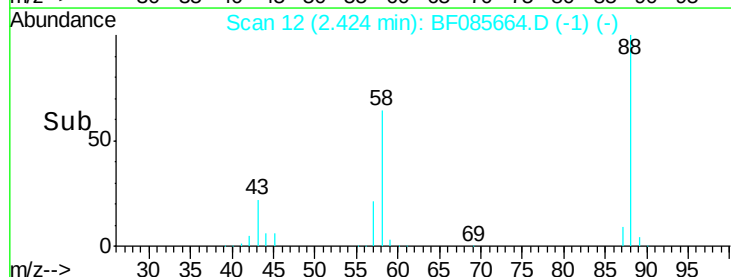
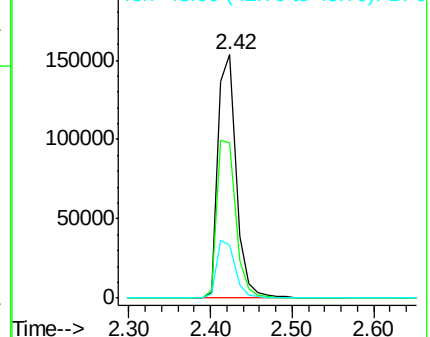
43 24.6 19.3 28.9

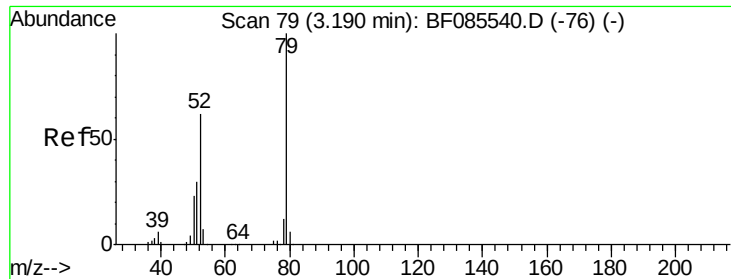


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 45.29 ng

RT: 3.14 min Scan# 75

Delta R.T. -0.05 min

Lab File: BF085664.D

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SSTDCCC040

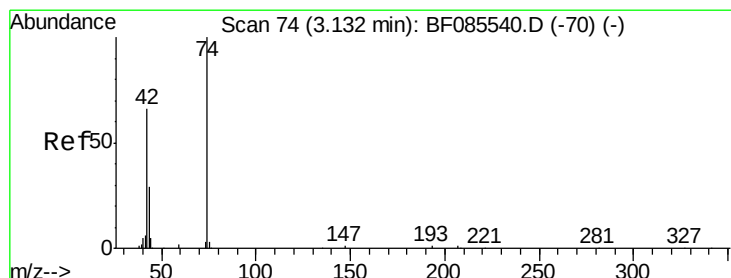
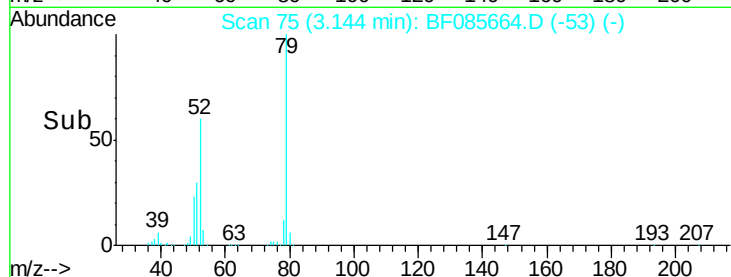
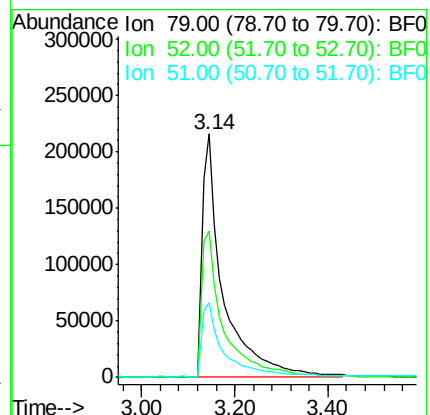
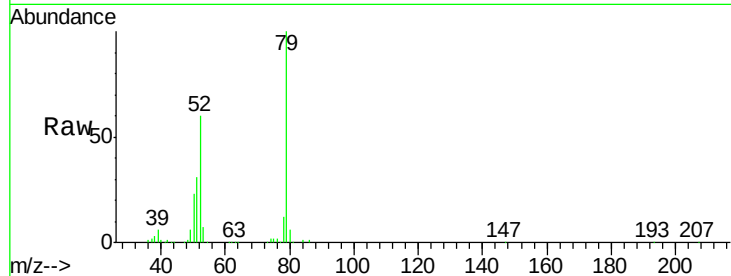
Tgt Ion: 79 Resp: 671301

Ion Ratio Lower Upper

79 100

52 60.2 49.8 74.6

51 30.6 24.7 37.1



#4

n-Nitrosodimethylamine

Concen: 40.96 ng

RT: 3.11 min Scan# 72

Delta R.T. -0.02 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

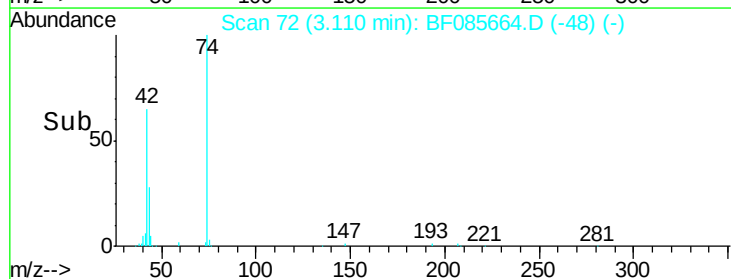
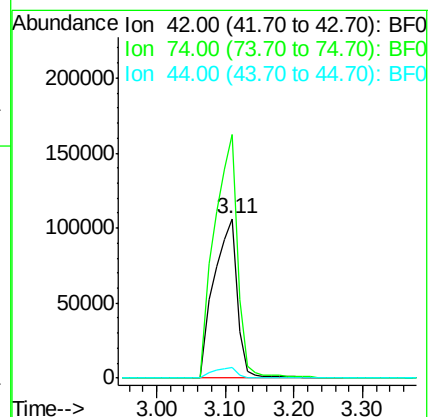
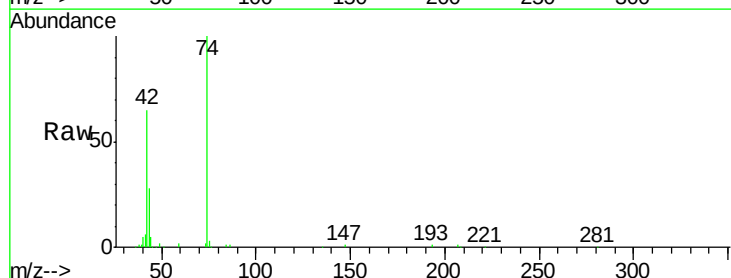
Tgt Ion: 42 Resp: 253427

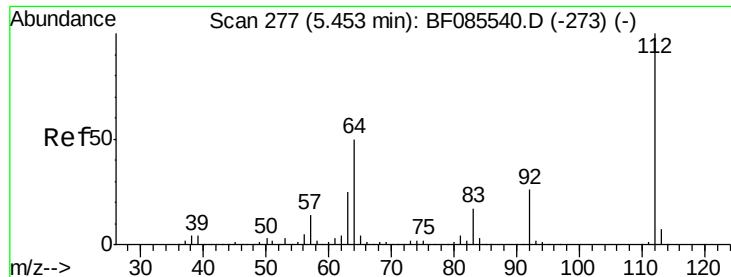
Ion Ratio Lower Upper

42 100

74 152.8 121.4 182.2

44 7.1 5.6 8.4





#5

2-Fluorophenol

Concen: 72.90 ng

RT: 5.43 min Scan# 275

Delta R.T. -0.02 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Instrument :

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SSTDCCC040

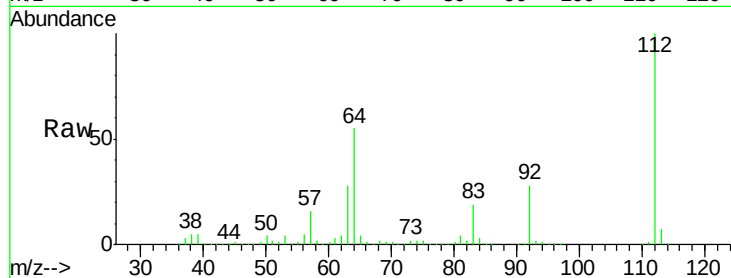
Tgt Ion: 112 Resp: 905236

Ion Ratio Lower Upper

112 100

64 54.9 39.9 59.9

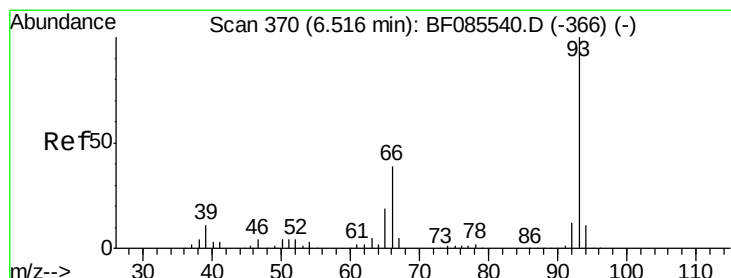
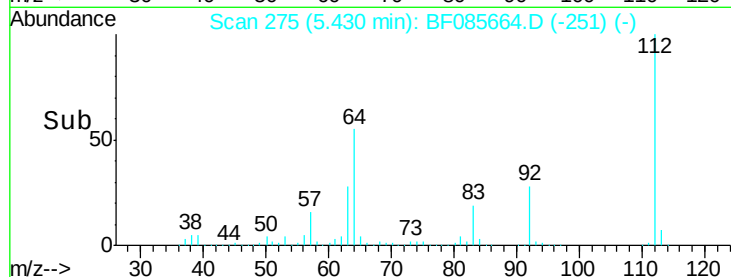
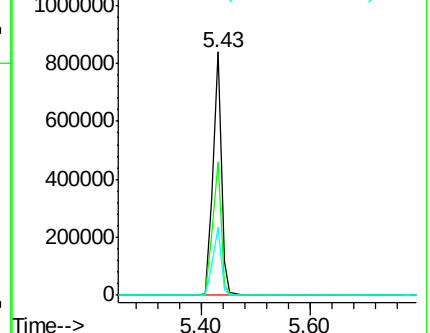
63 28.1 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.99 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

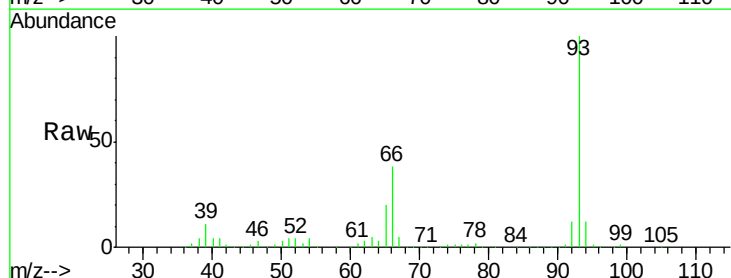
Tgt Ion: 93 Resp: 855332

Ion Ratio Lower Upper

93 100

66 38.5 31.4 47.2

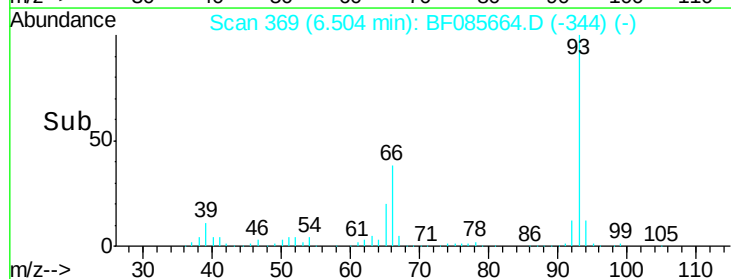
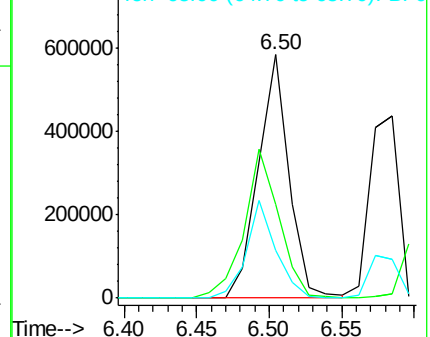
65 19.7 15.7 23.5

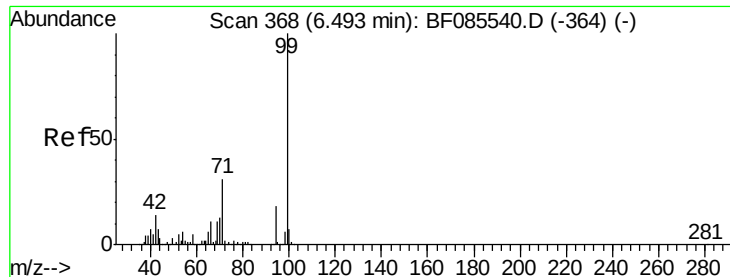


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.43 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

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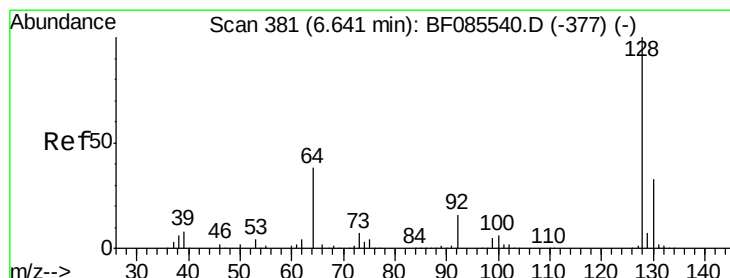
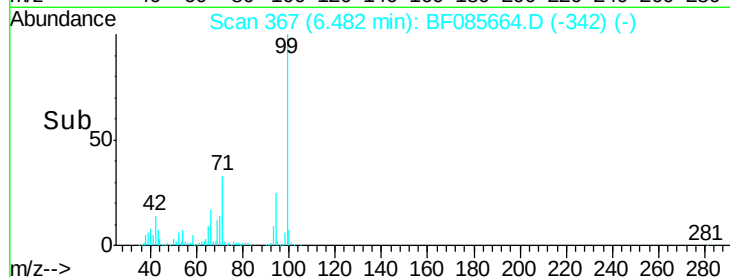
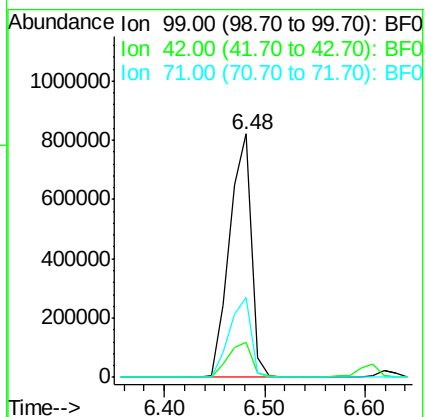
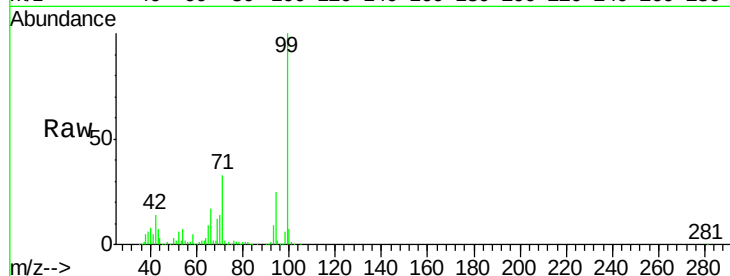
Tgt Ion: 99 Resp: 1233109

Ion Ratio Lower Upper

99 100

42 14.4 11.1 16.7

71 32.6 24.9 37.3



#8

2-Chlorophenol

Concen: 40.60 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

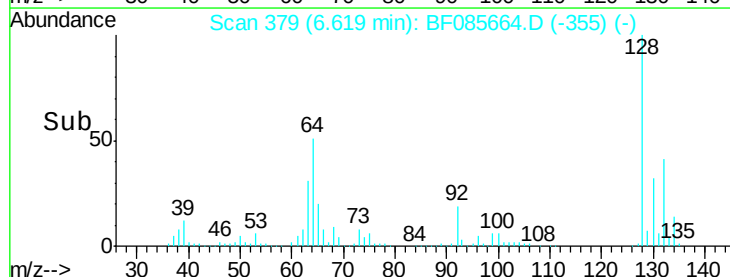
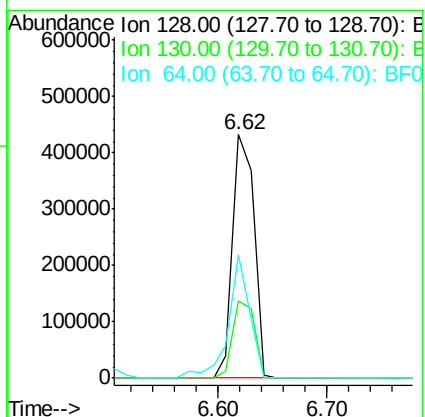
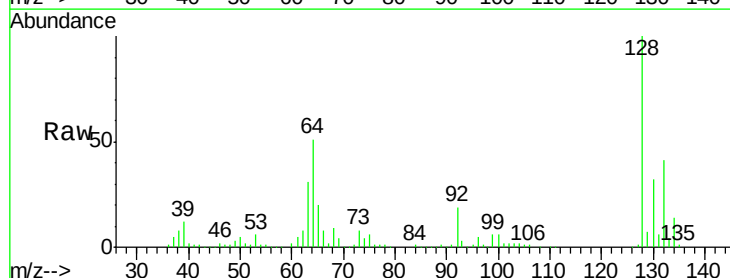
Tgt Ion: 128 Resp: 583165

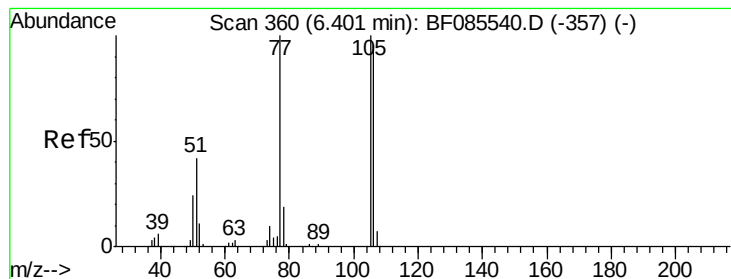
Ion Ratio Lower Upper

128 100

130 31.9 12.9 52.9

64 50.6 20.2 60.2





#9

Benzaldehyde

Concen: 41.37 ng

RT: 6.38 min Scan# 358

Delta R.T. -0.02 min

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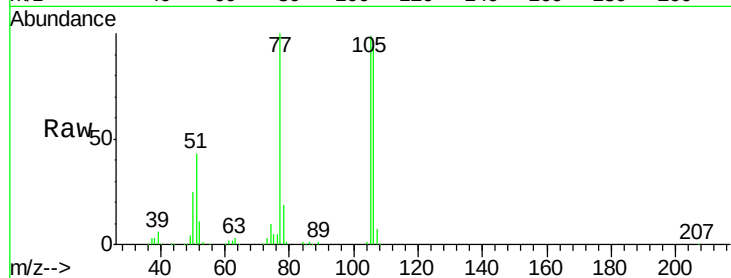
Tgt Ion: 77 Resp: 306876

Ion Ratio Lower Upper

77 100

105 98.6 80.1 120.1

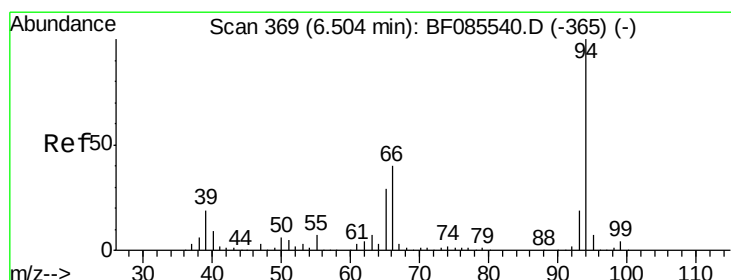
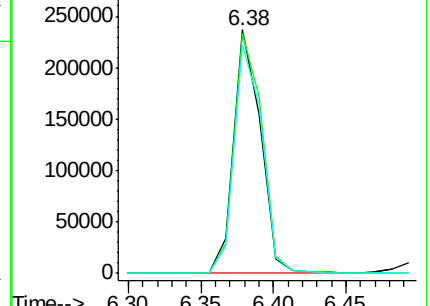
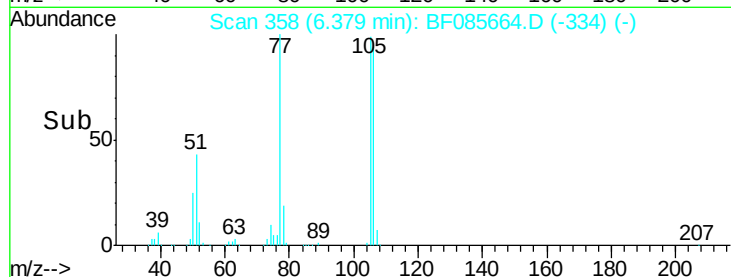
106 93.6 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.97 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

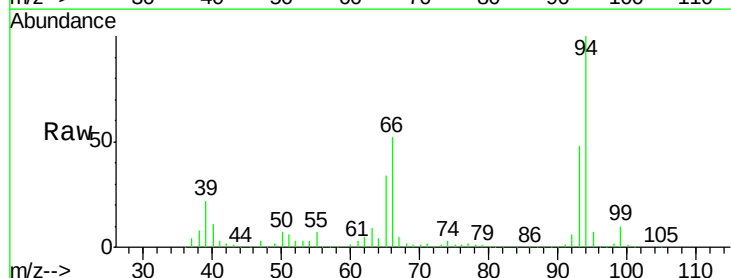
Tgt Ion: 94 Resp: 706959

Ion Ratio Lower Upper

94 100

65 34.4 8.6 48.6

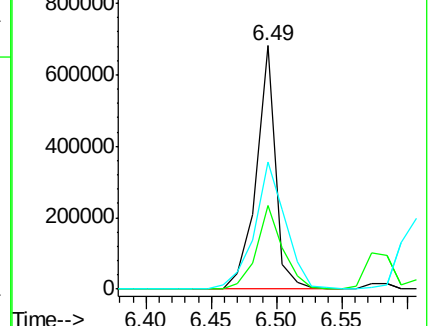
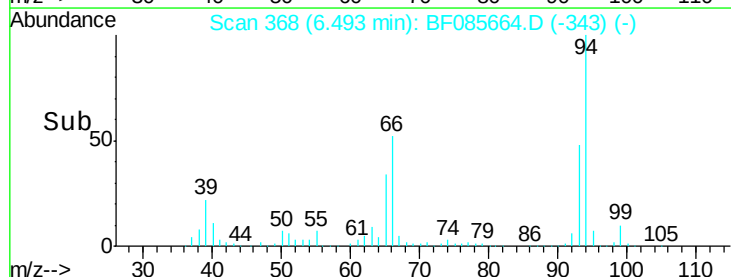
66 52.2 20.0 60.0

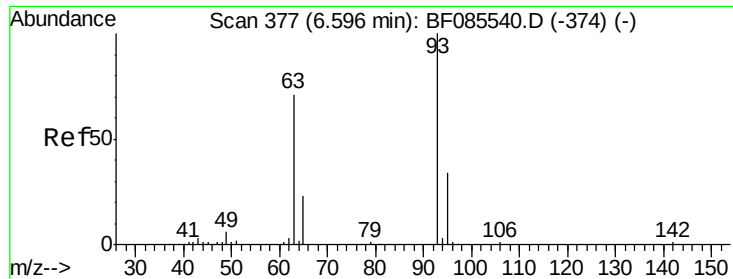


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

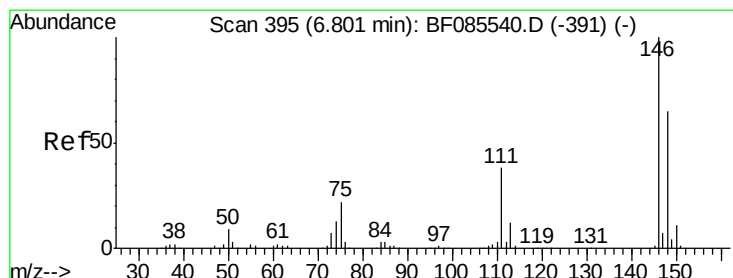
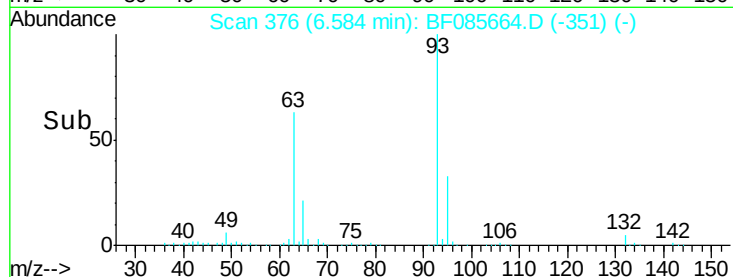
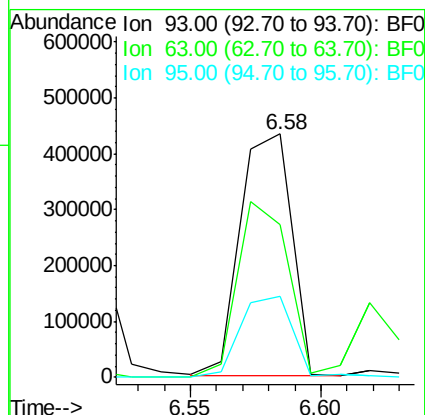
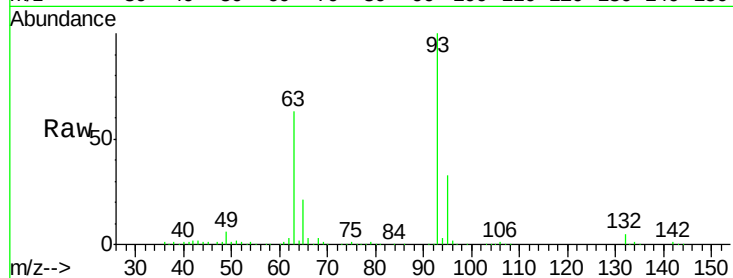




#11
 bis(2-Chloroethyl)ether
 Concen: 43.54 ng
 RT: 6.58 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

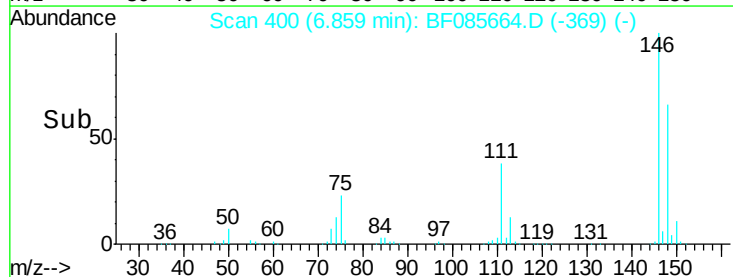
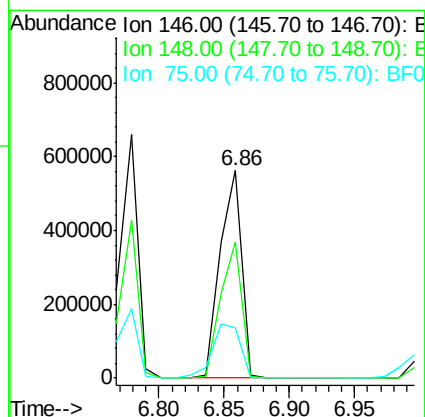
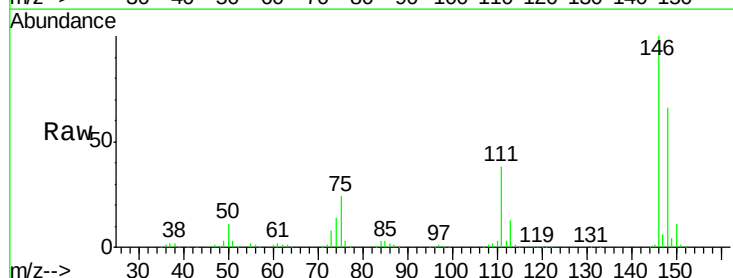
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

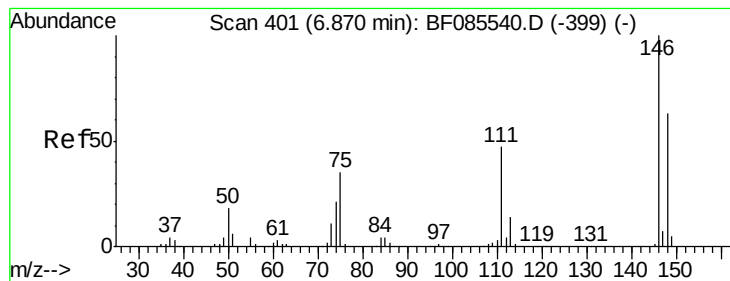
Tgt Ion: 93 Resp: 595373
 Ion Ratio Lower Upper
 93 100
 63 62.7 50.9 90.9
 95 33.3 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 41.63 ng
 RT: 6.86 min Scan# 400
 Delta R.T. 0.06 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

Tgt Ion: 146 Resp: 651688
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.3 78.5
 75 24.1 17.4 26.2





#13

1,4-Dichlorobenzene

Concen: 40.82 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

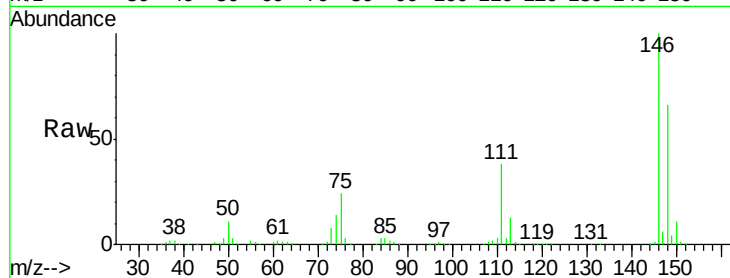
Tgt Ion:146 Resp: 651688

Ion Ratio Lower Upper

146 100

148 65.8 50.6 76.0

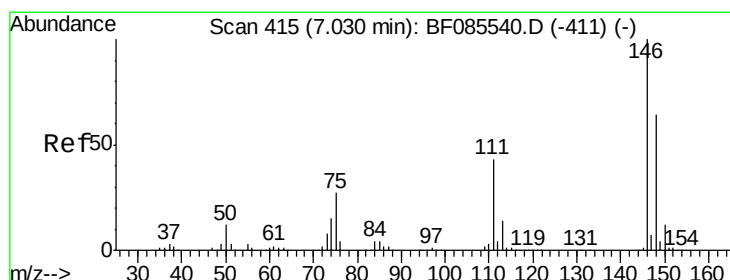
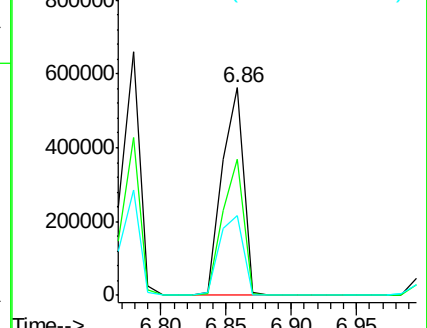
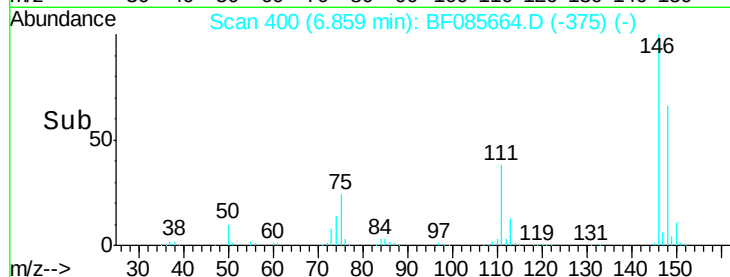
111 38.5 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.13 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

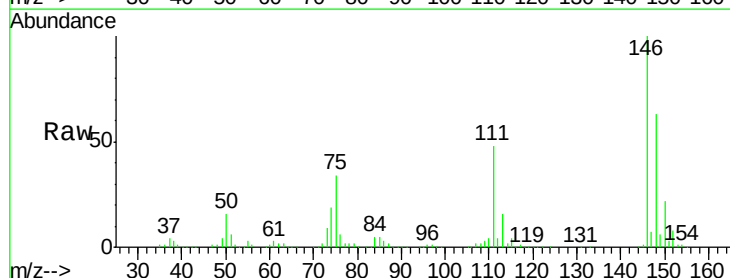
Tgt Ion:146 Resp: 526452

Ion Ratio Lower Upper

146 100

148 63.2 51.4 77.2

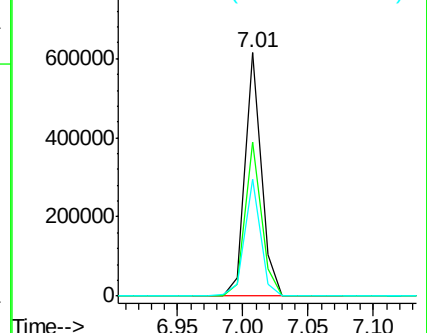
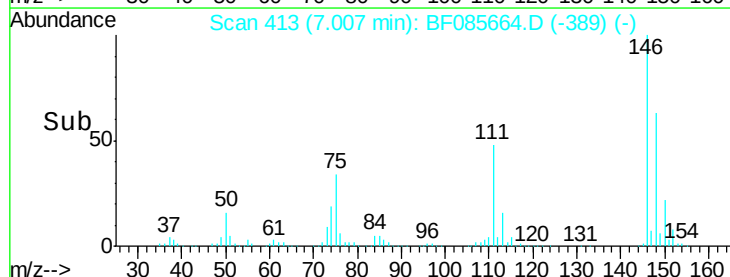
111 47.9 34.6 52.0

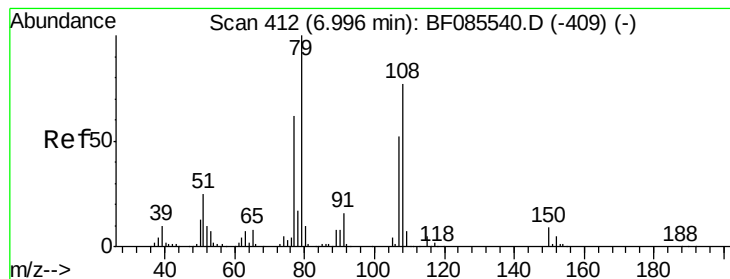


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.95 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

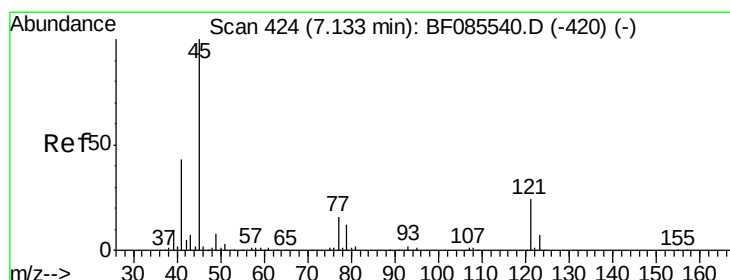
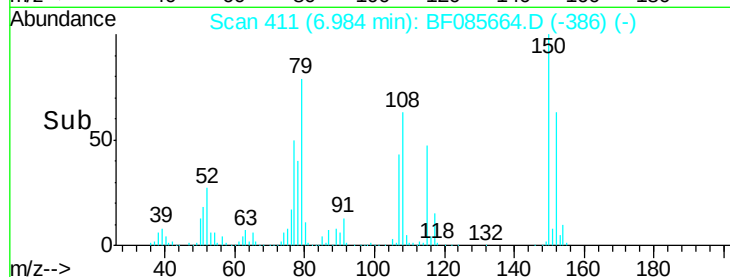
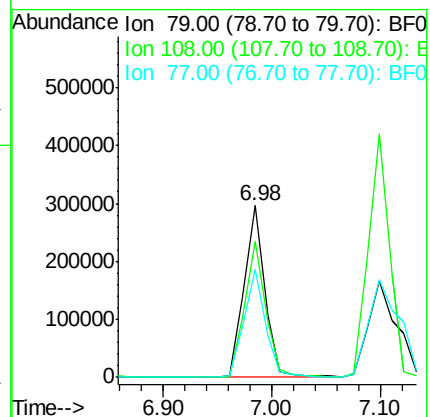
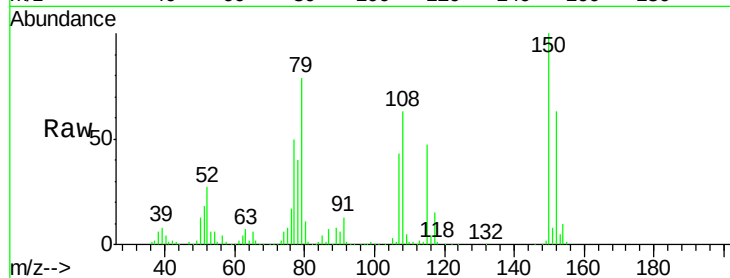
Tgt Ion: 79 Resp: 392152

Ion Ratio Lower Upper

79 100

108 79.5 61.8 92.6

77 62.6 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.18 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

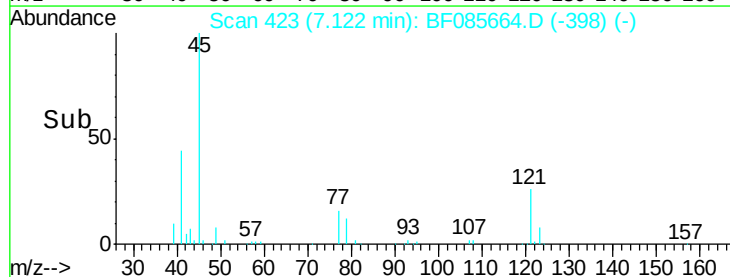
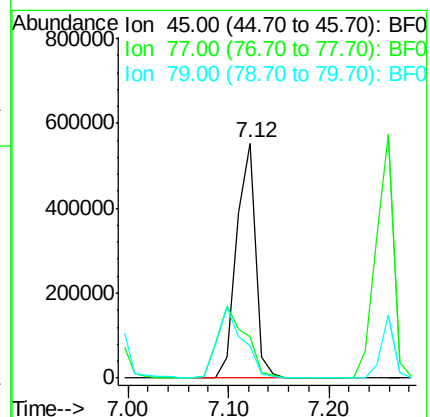
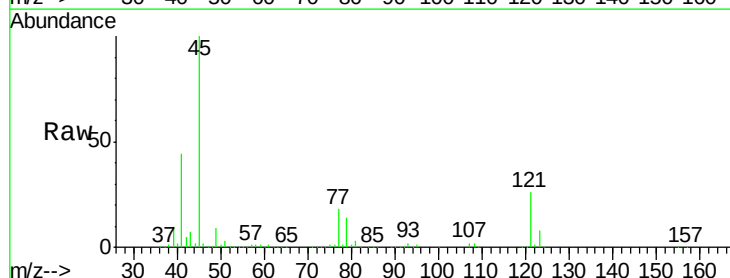
Tgt Ion: 45 Resp: 722587

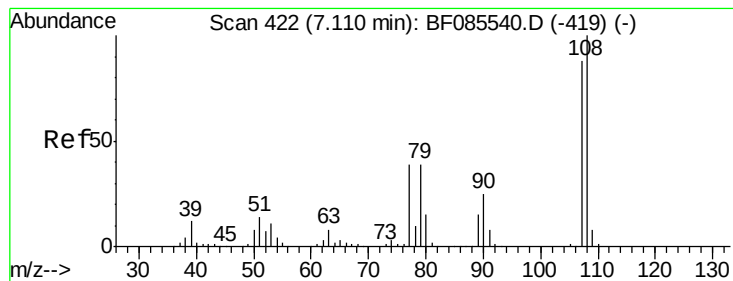
Ion Ratio Lower Upper

45 100

77 17.5 0.0 35.7

79 13.6 0.0 32.2

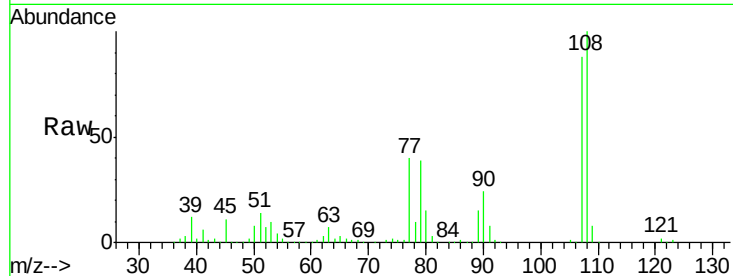




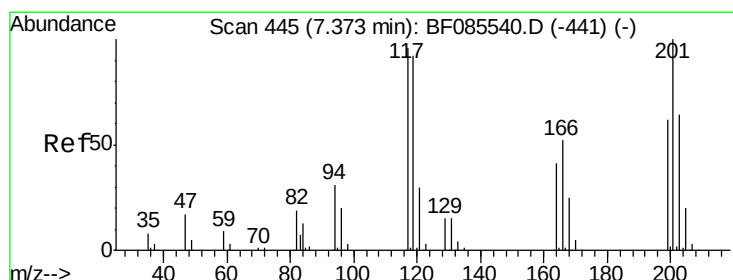
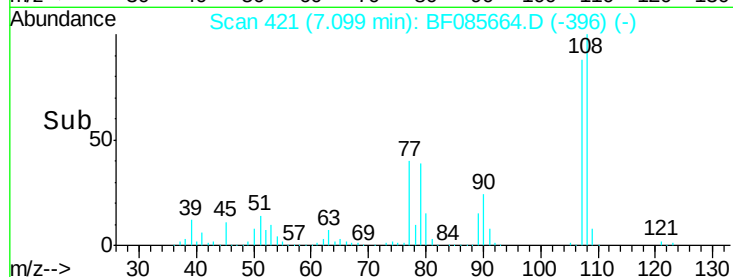
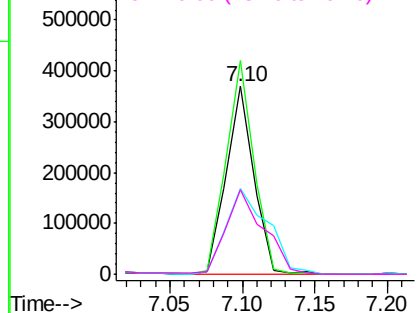
#17
2-Methylphenol
Concen: 40.83 ng
RT: 7.10 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 486199
Ion Ratio Lower Upper
107 100
108 113.7 91.4 137.0
77 45.6 36.2 54.2
79 44.8 35.8 53.8

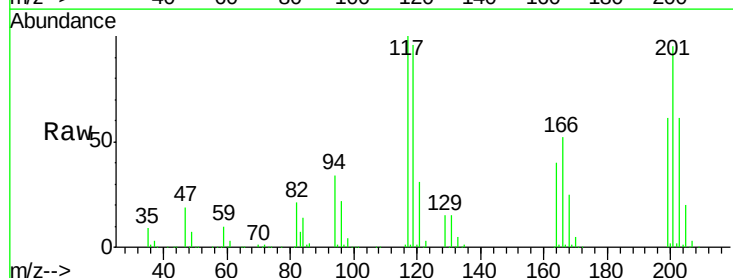


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

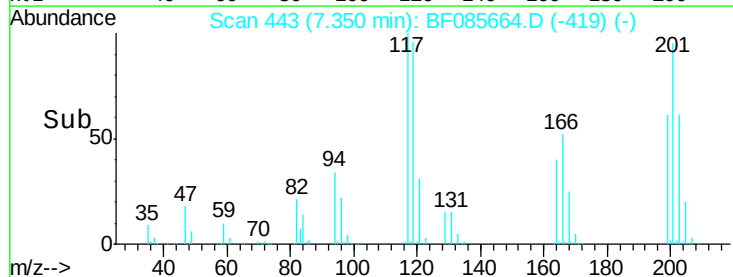
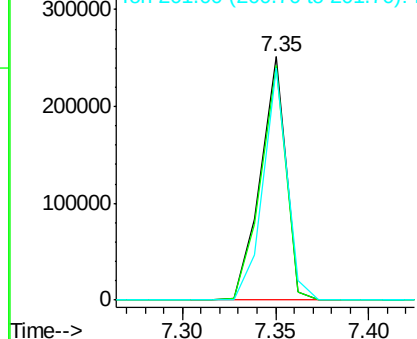


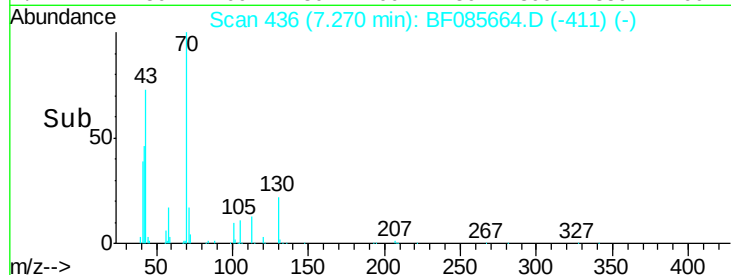
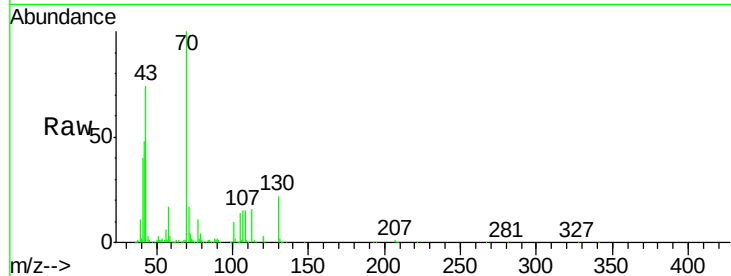
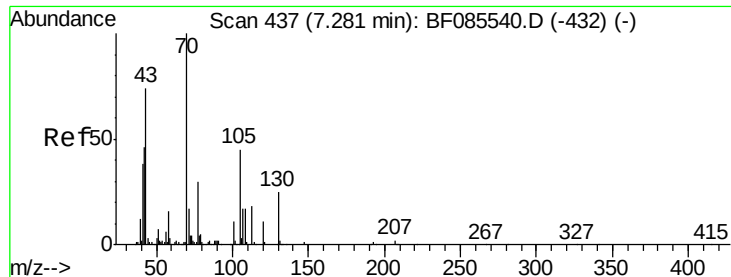
#18
Hexachloroethane
Concen: 41.09 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

Tgt Ion:117 Resp: 236903
Ion Ratio Lower Upper
117 100
119 96.4 76.7 115.1
201 95.3 83.3 124.9



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

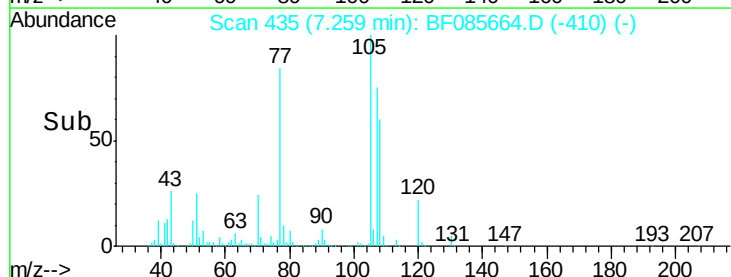
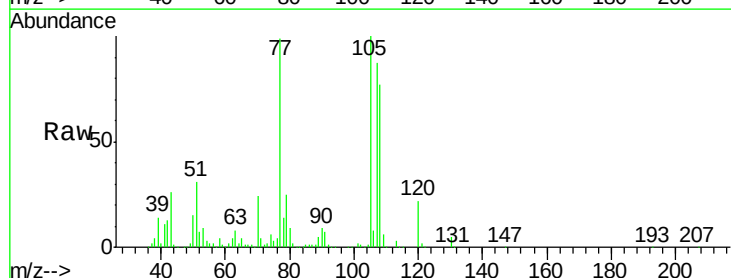
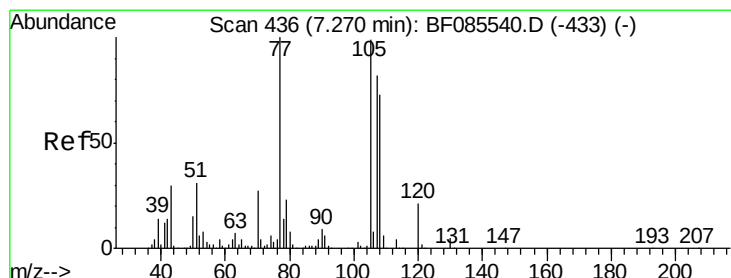
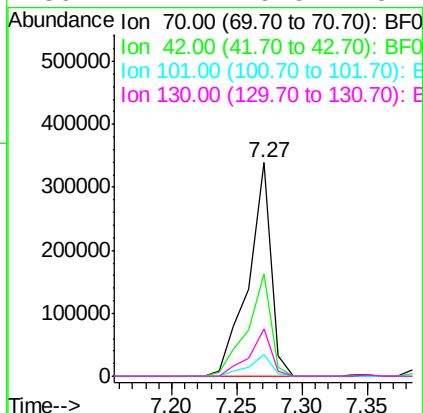




#19
n-Nitroso-di-n-propylamine
Concen: 43.14 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

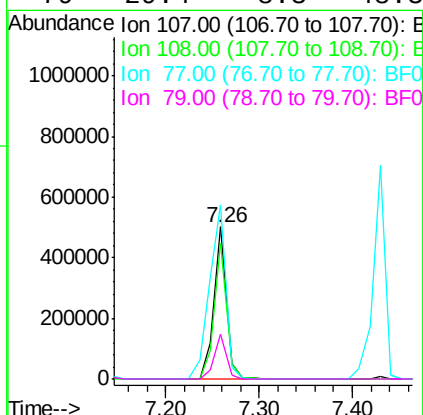
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

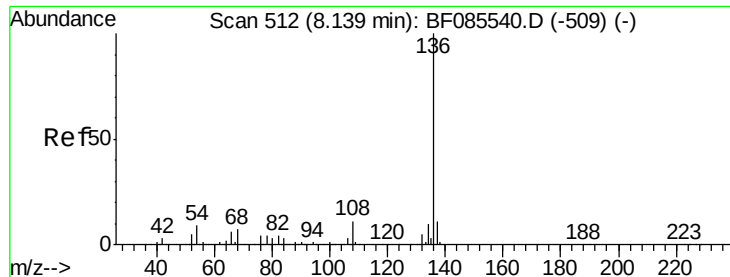
Tgt Ion: 70 Resp: 410425
Ion Ratio Lower Upper
70 100
42 47.8 37.1 55.7
101 10.2 8.6 12.8
130 22.2 19.6 29.4



#20
3+4-Methylphenols
Concen: 33.93 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

Tgt Ion: 107 Resp: 468006
Ion Ratio Lower Upper
107 100
108 89.0 69.3 109.3
77 114.3 101.7 141.7
79 29.4 8.3 48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 905336

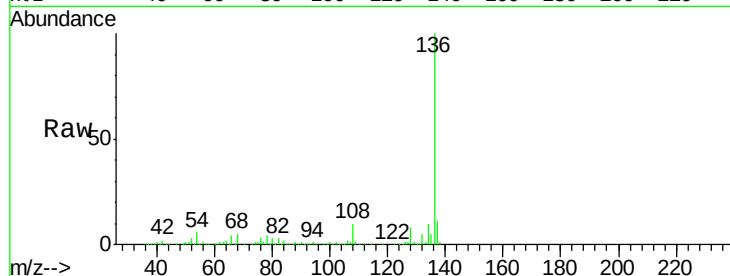
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 5.8 7.4 11.0#

68 5.1 5.8 8.8#

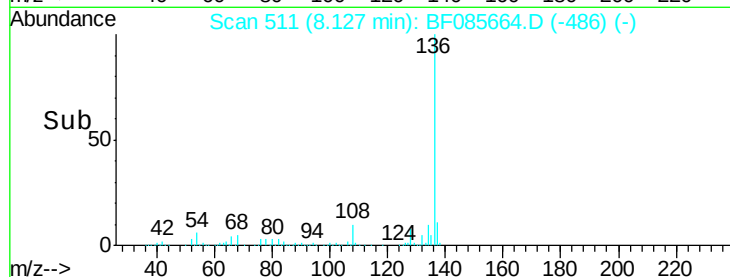


Abundance Ion 136.00 (135.70 to 136.70): E

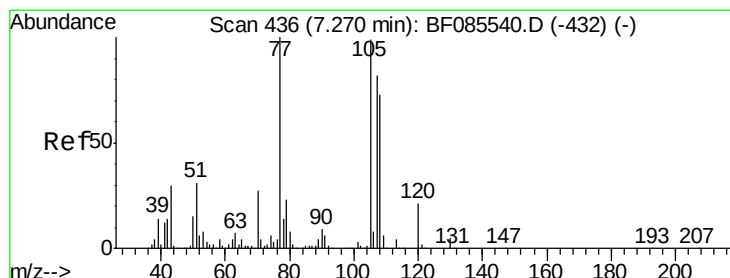
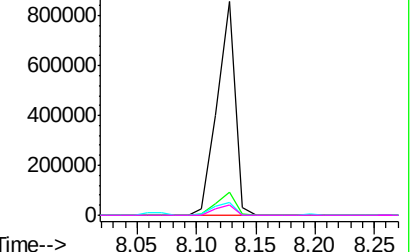
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 34.69 ng

RT: 7.26 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Tgt Ion:105 Resp: 745279

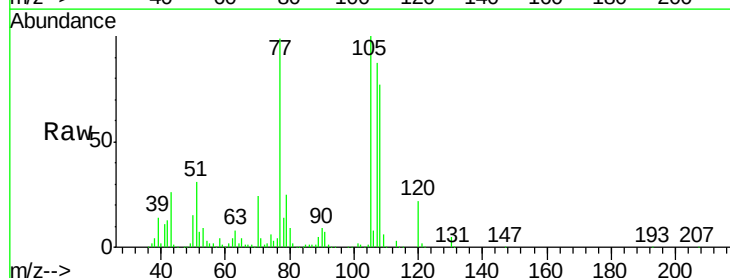
Ion Ratio Lower Upper

105 100

71 4.1 3.6 5.4

51 30.6 25.4 38.0

120 22.2 16.9 25.3

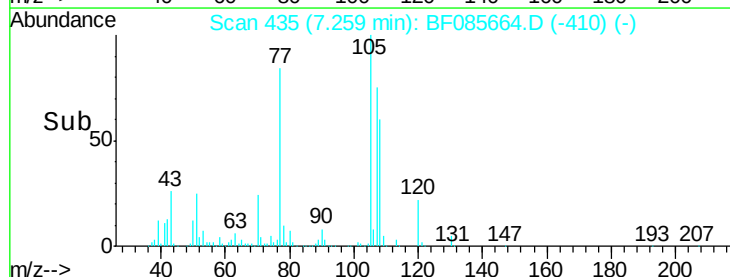


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

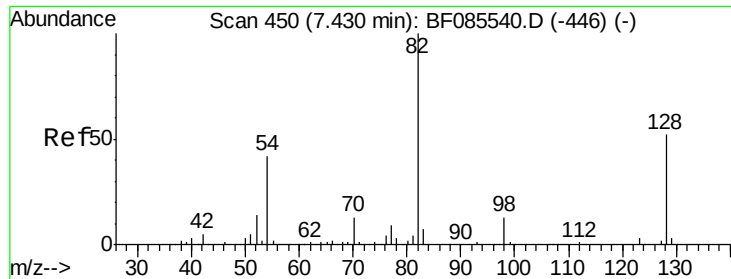
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

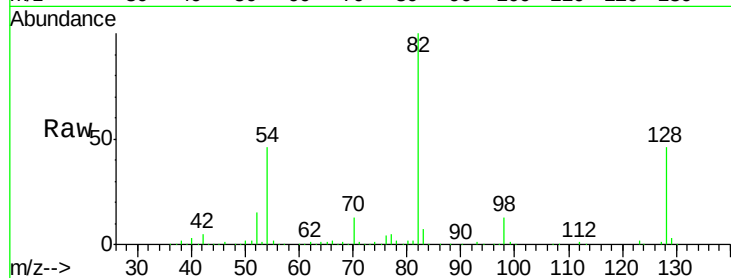




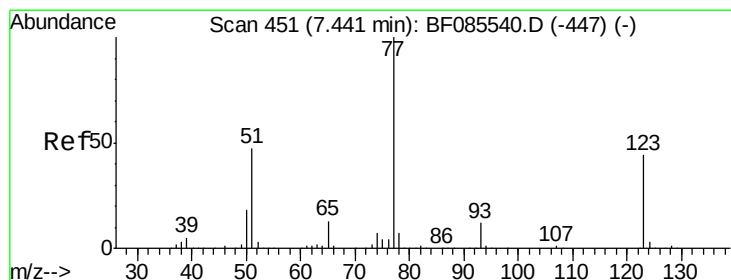
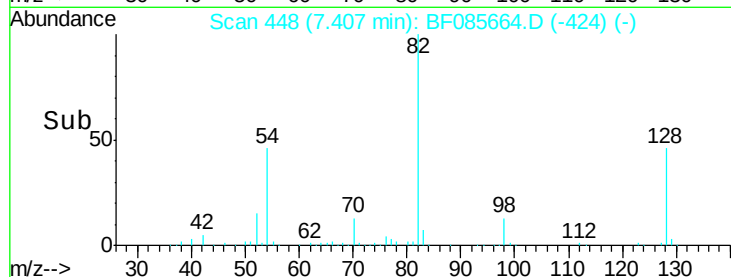
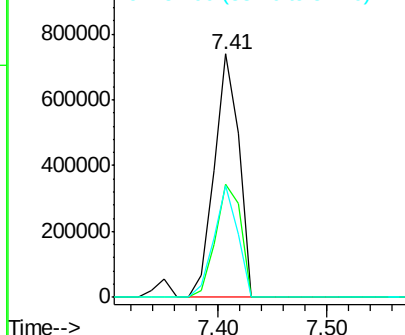
#23
 Nitrobenzene-d5
 Concen: 74.67 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 1164646
 Ion Ratio Lower Upper
 82 100
 128 46.5 41.8 62.8
 54 45.8 33.4 50.0

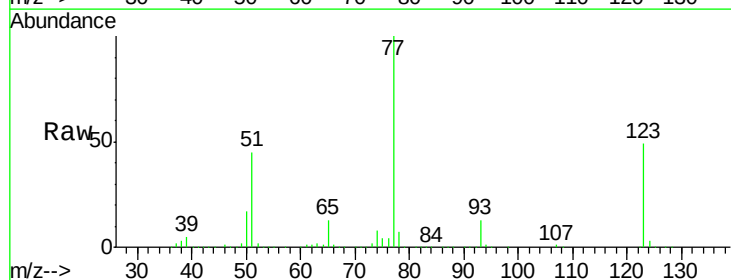


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

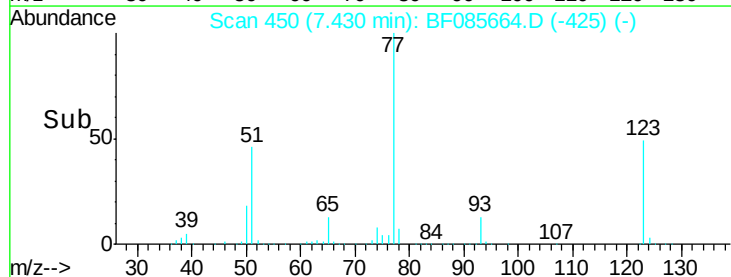
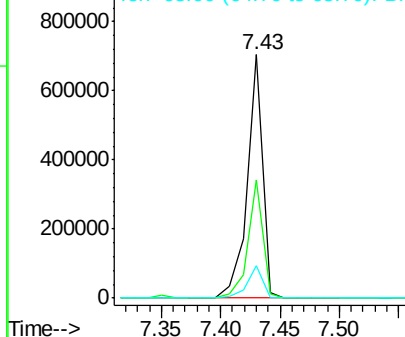


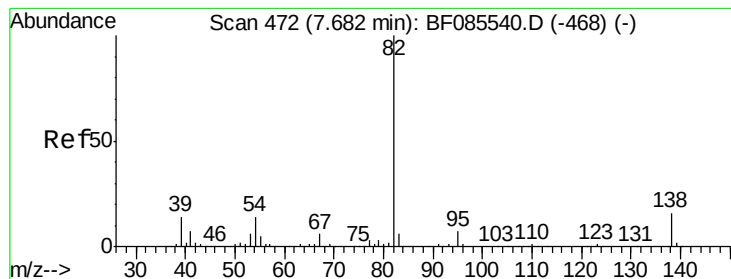
#24
 Nitrobenzene
 Concen: 37.38 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.01 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

Tgt Ion: 77 Resp: 638145
 Ion Ratio Lower Upper
 77 100
 123 48.7 35.0 52.4
 65 13.3 10.6 16.0



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





#25

Isophorone

Concen: 40.36 ng

RT: 7.67 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

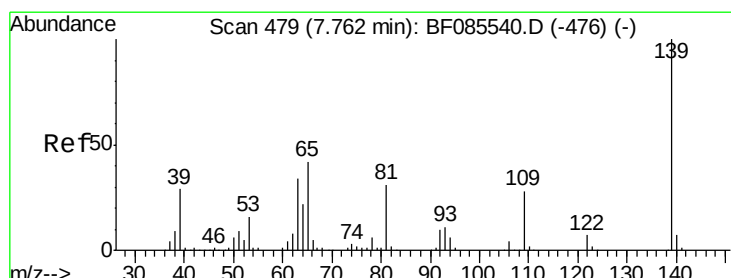
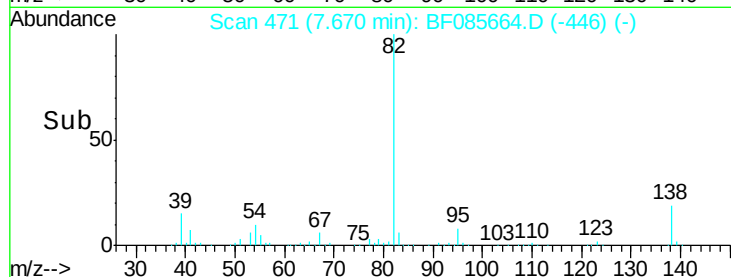
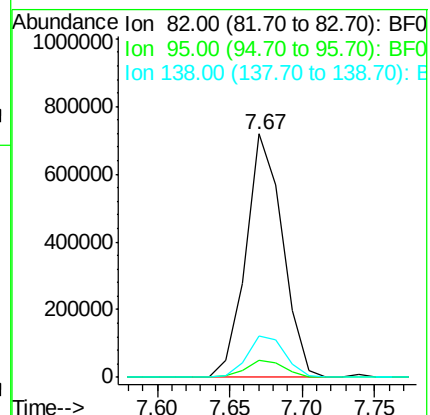
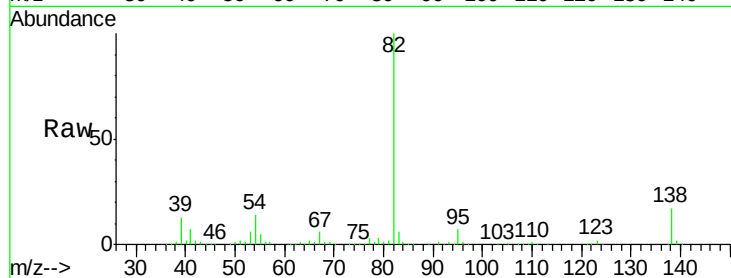
Tgt Ion: 82 Resp: 1260149

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 17.1 12.9 19.3



#26

2-Nitrophenol

Concen: 38.29 ng

RT: 7.74 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

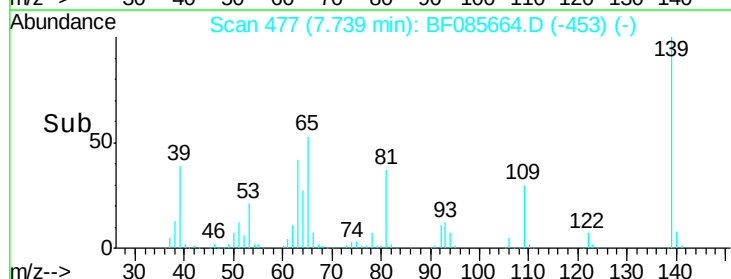
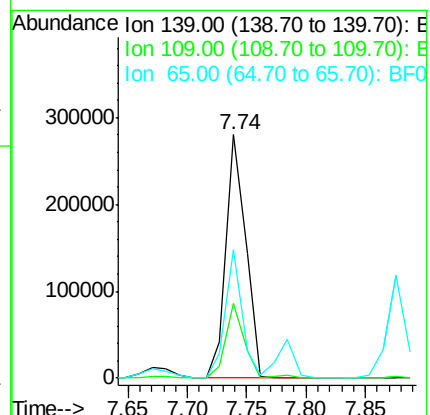
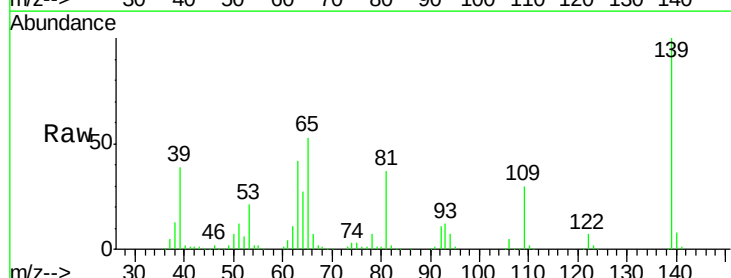
Tgt Ion: 139 Resp: 323107

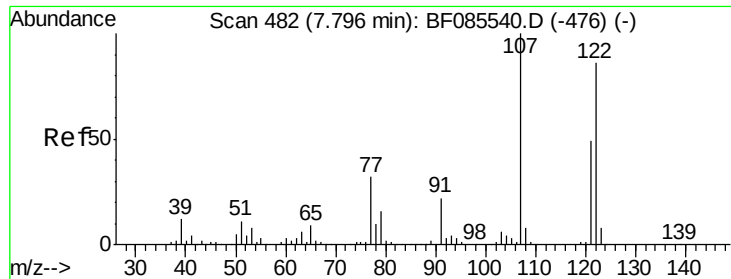
Ion Ratio Lower Upper

139 100

109 30.4 22.1 33.1

65 53.0 33.9 50.9#





#27

2,4-Dimethylphenol

Concen: 35.64 ng

RT: 7.78 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

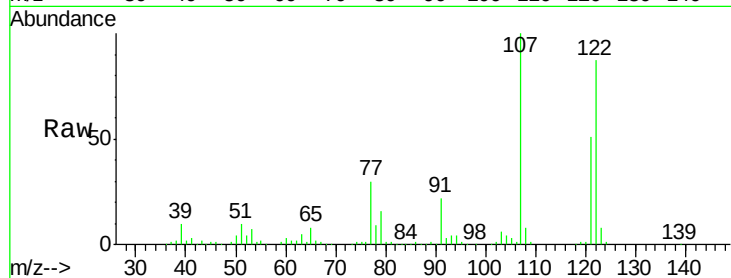
Tgt Ion:122 Resp: 531856

Ion Ratio Lower Upper

122 100

107 115.3 93.0 139.6

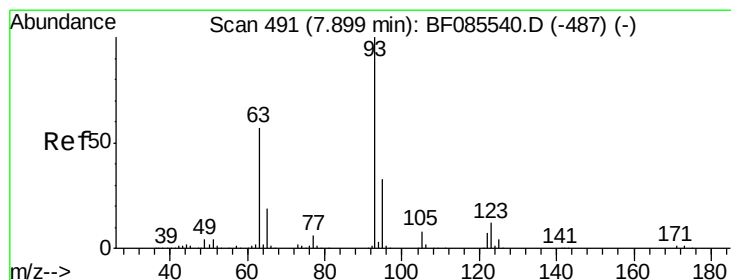
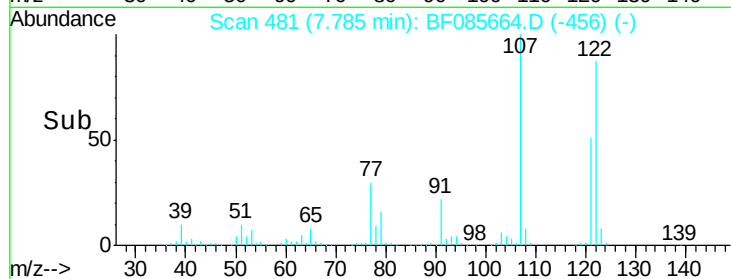
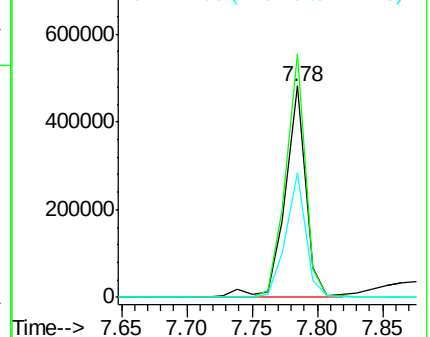
121 59.2 45.9 68.9



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: 35.83 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

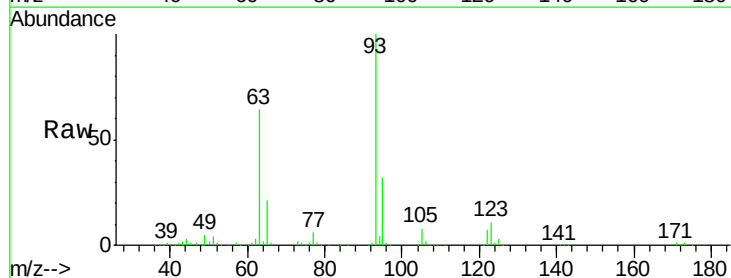
Tgt Ion: 93 Resp: 636400

Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

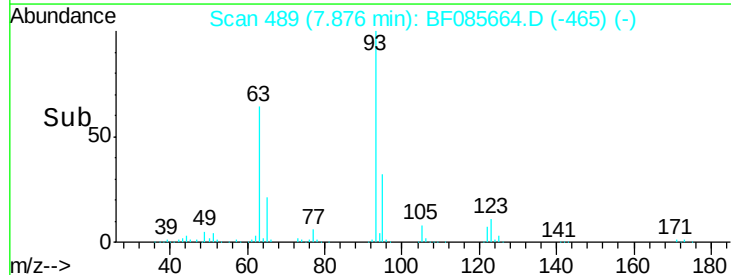
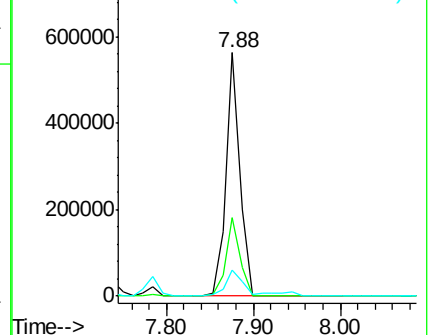
123 10.9 9.8 14.6

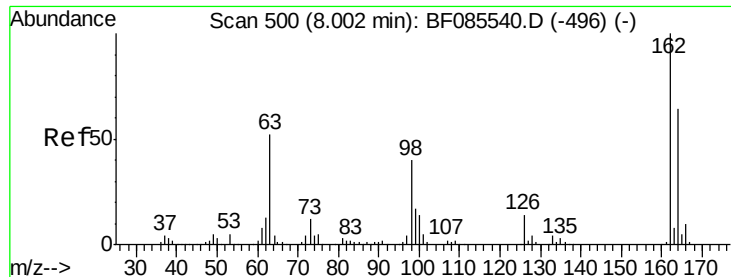


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

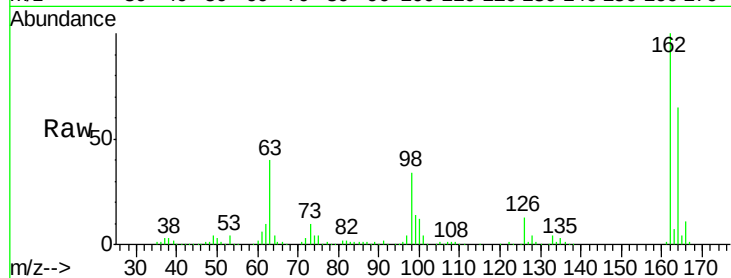




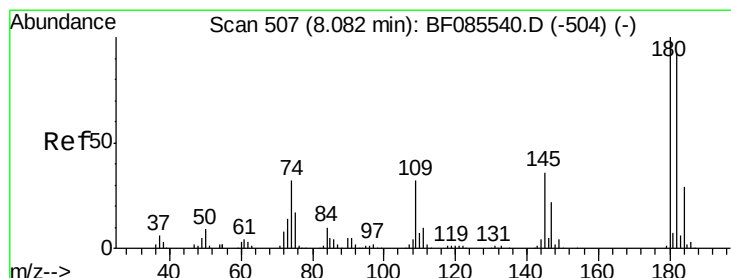
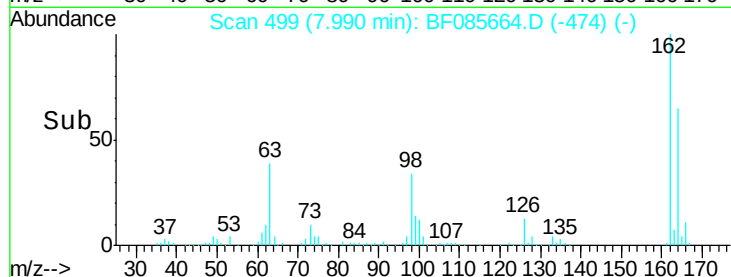
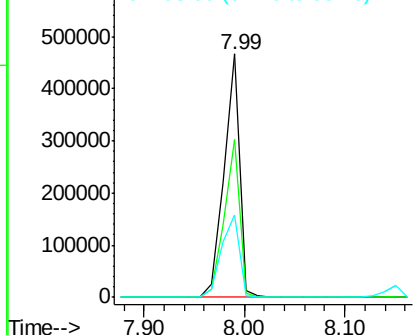
#29
 2,4-Dichlorophenol
 Concen: 40.66 ng
 RT: 7.99 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 501056
 Ion Ratio Lower Upper
 162 100
 164 64.6 43.7 83.7
 98 33.7 20.4 60.4

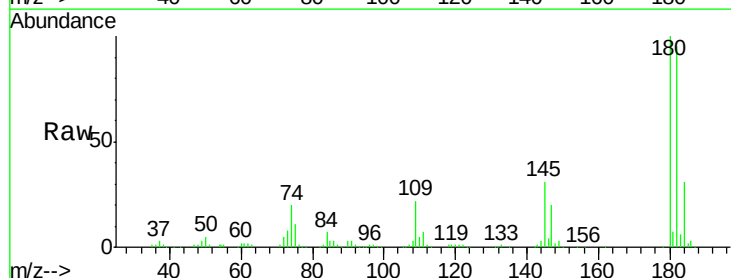


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

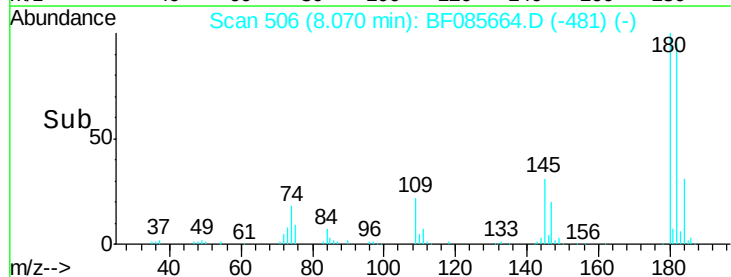
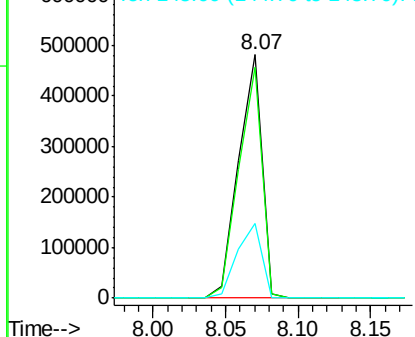


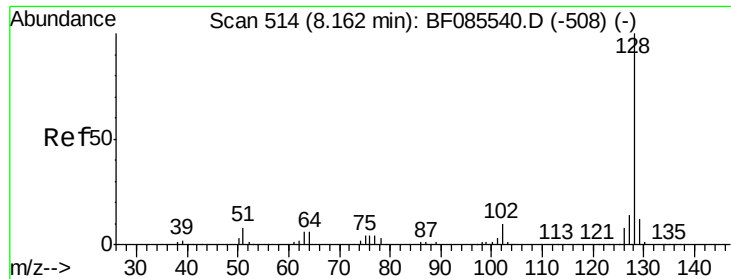
#30
 1,2,4-Trichlorobenzene
 Concen: 39.12 ng
 RT: 8.07 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

Tgt Ion:180 Resp: 539894
 Ion Ratio Lower Upper
 180 100
 182 94.8 73.8 110.8
 145 30.7 28.4 42.6



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

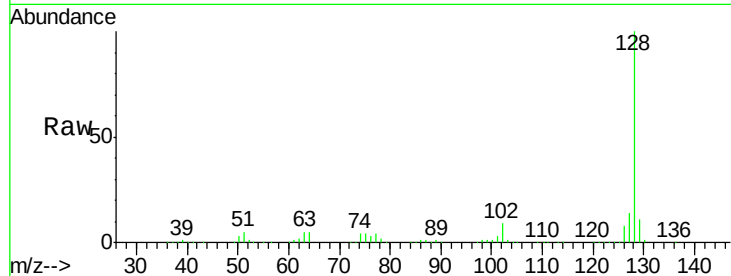




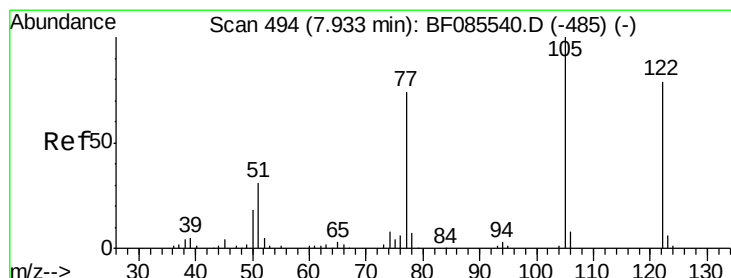
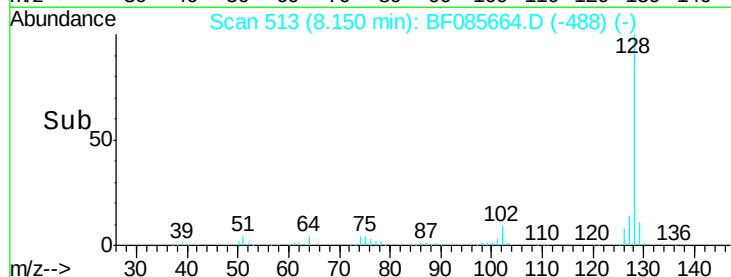
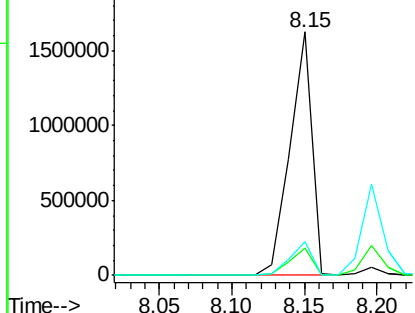
#31
Naphthalene
Concen: 37.31 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1704965
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 14.0 11.0 16.6

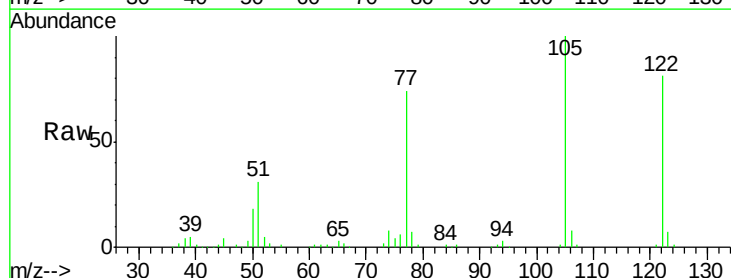


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

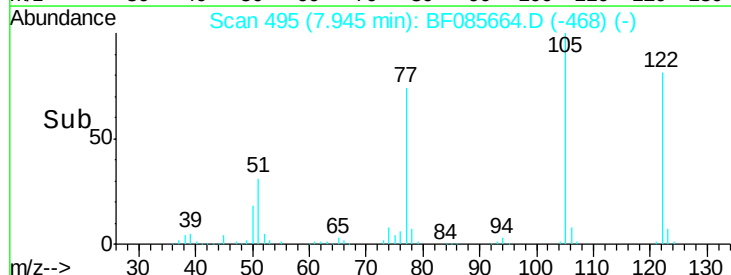
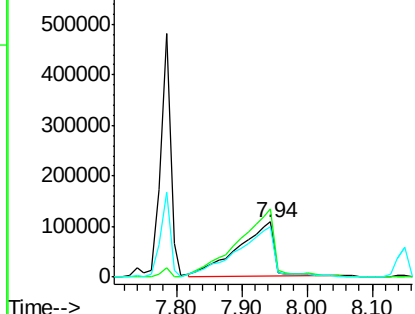


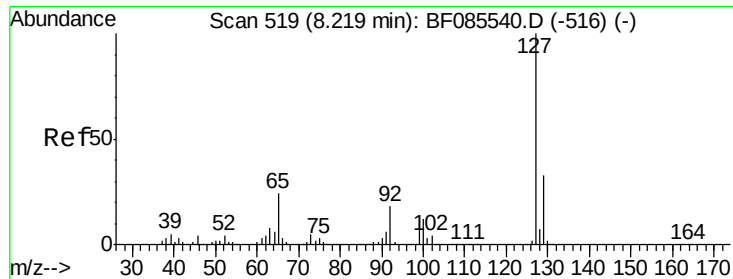
#32
Benzoic acid
Concen: 34.00 ng
RT: 7.94 min Scan# 495
Delta R.T. 0.01 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

Tgt Ion:122 Resp: 424193
Ion Ratio Lower Upper
122 100
105 123.2 102.9 142.9
77 91.5 71.8 111.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

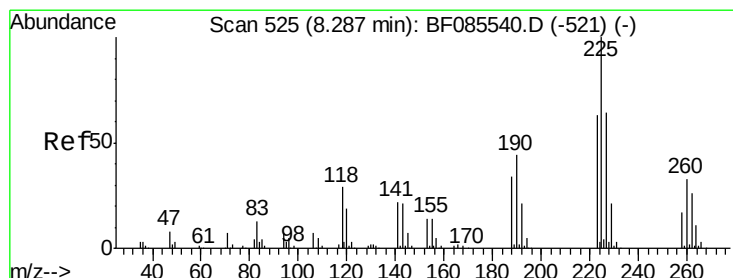
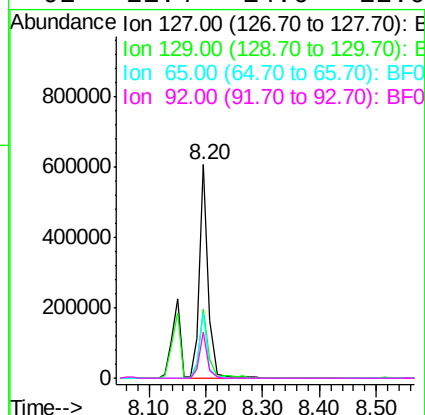
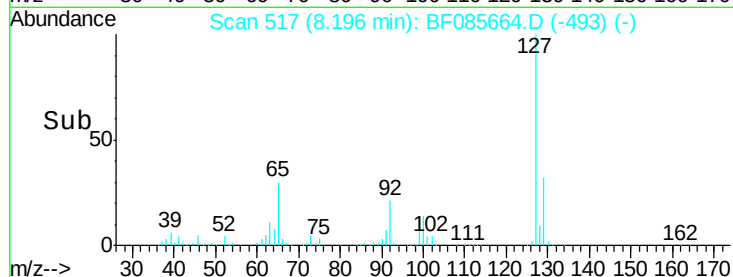
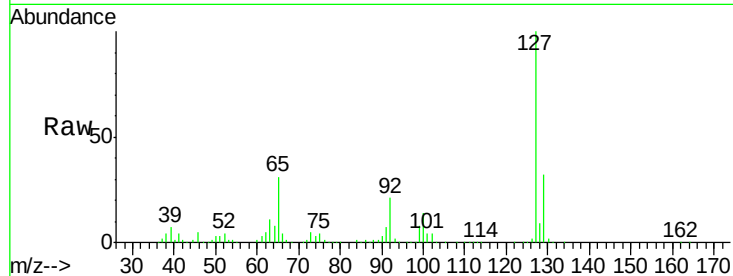




#33
4-Chloroaniline
Concen: 34.10 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

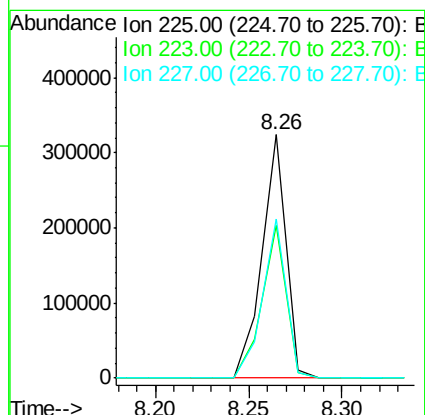
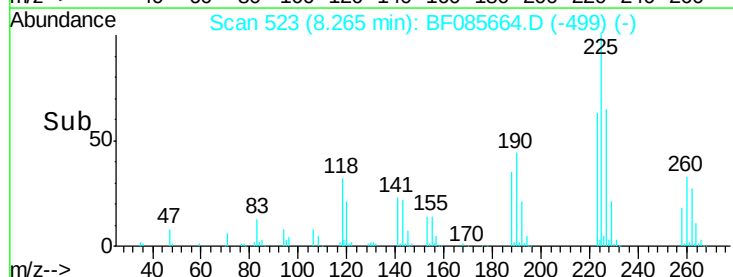
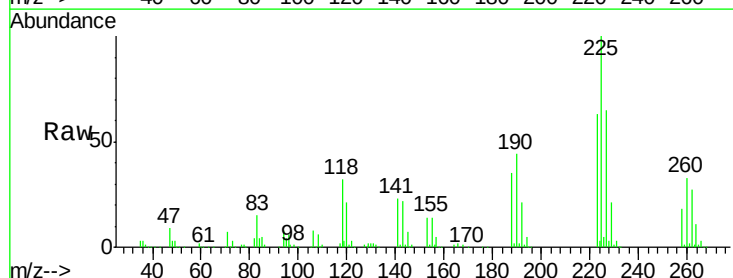
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

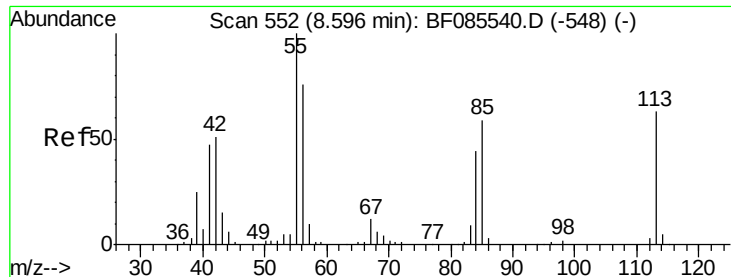
Tgt Ion:	127	Resp:	638658
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	30.5	19.5	29.3#
92	21.4	14.6	22.0



#34
Hexachlorobutadiene
Concen: 39.01 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

Tgt Ion:	225	Resp:	286928
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.4	75.6
227	65.1	51.4	77.2

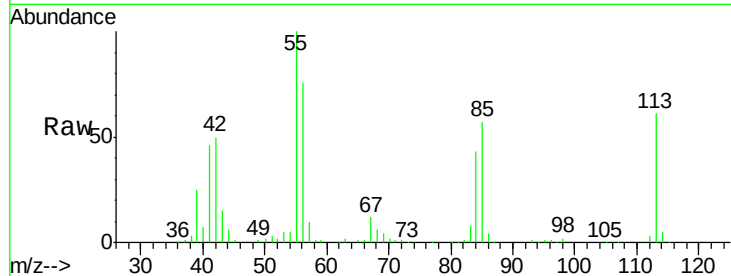




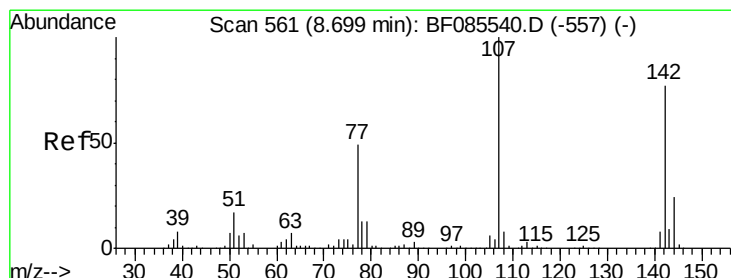
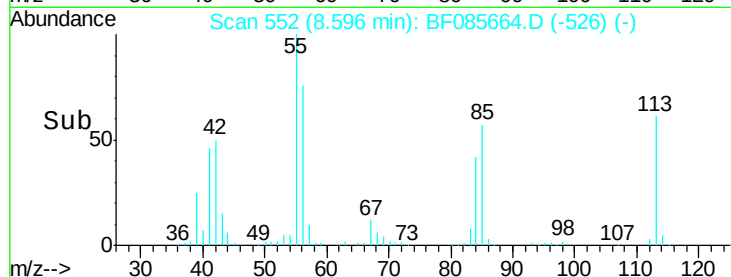
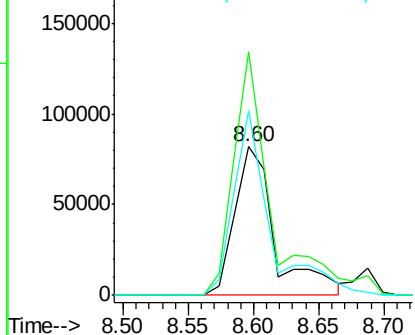
#35
 Caprolactam
 Concen: 41.09 ng
 RT: 8.60 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 174209
 Ion Ratio Lower Upper
 113 100
 55 164.1 139.4 179.4
 56 124.2 100.4 140.4

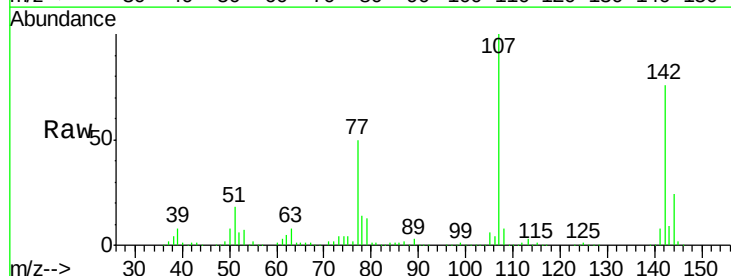


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

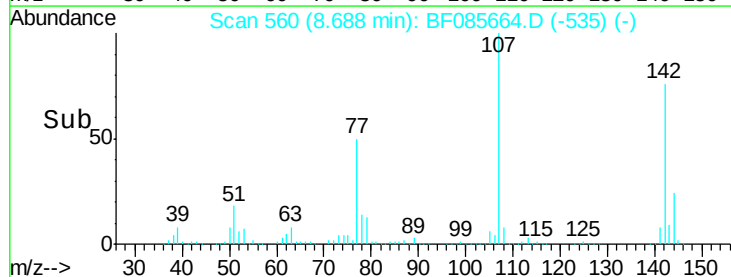
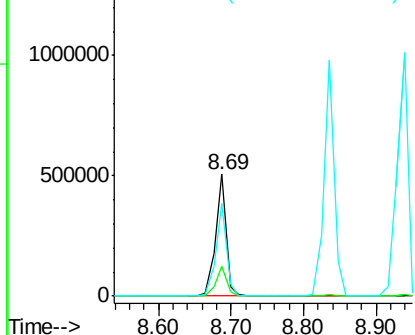


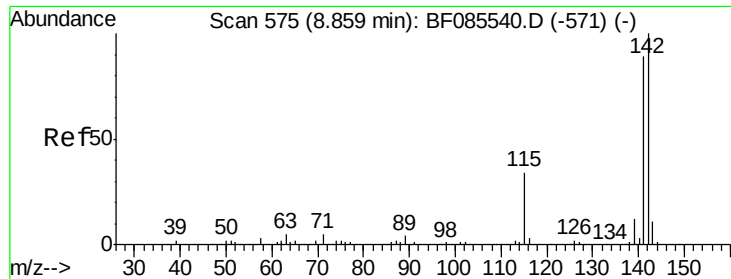
#36
 4-Chloro-3-methylphenol
 Concen: 35.68 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

Tgt Ion:107 Resp: 513497
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.3 28.9
 142 76.1 61.4 92.0



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

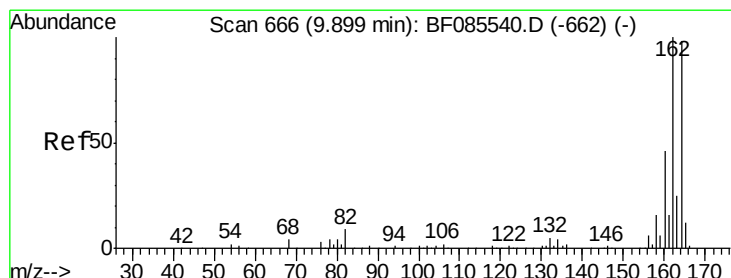
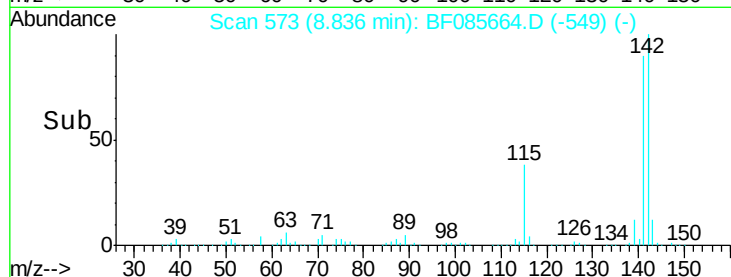
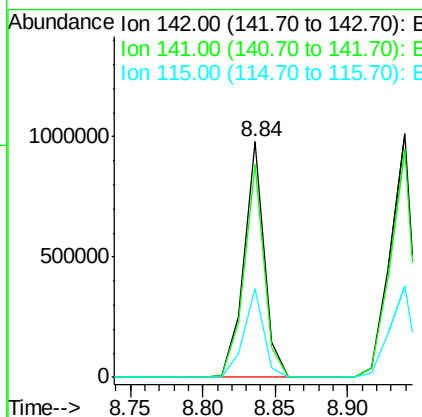
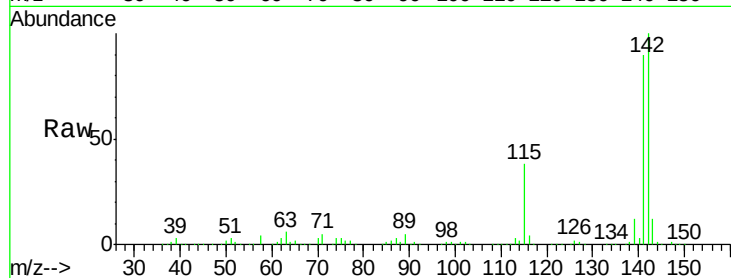




#37
 2-Methylnaphthalene
 Concen: 34.17 ng
 RT: 8.84 min Scan# 573
 Delta R.T. -0.02 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

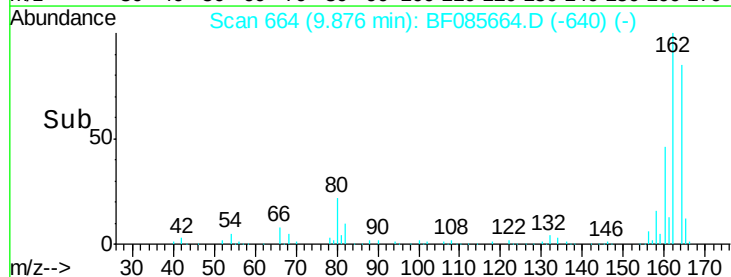
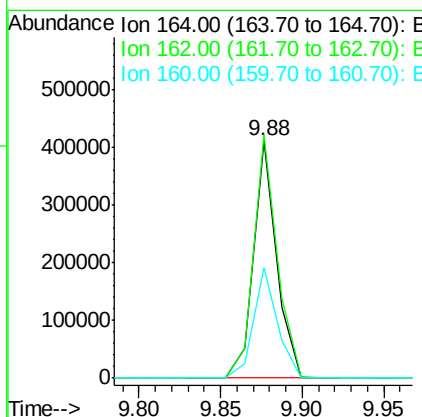
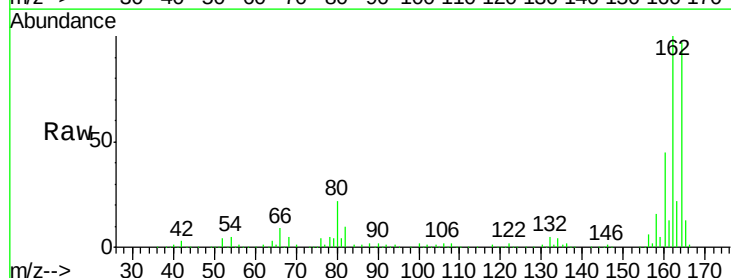
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

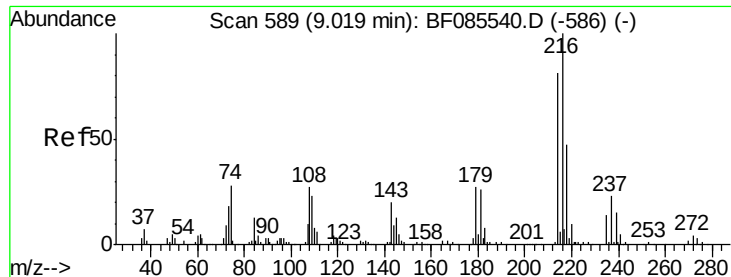
Tgt Ion:142 Resp: 951713
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.6 107.4
 115 37.9 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.02 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

Tgt Ion:164 Resp: 403440
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.1 123.1
 160 46.5 37.4 56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.15 ng

RT: 9.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 528003

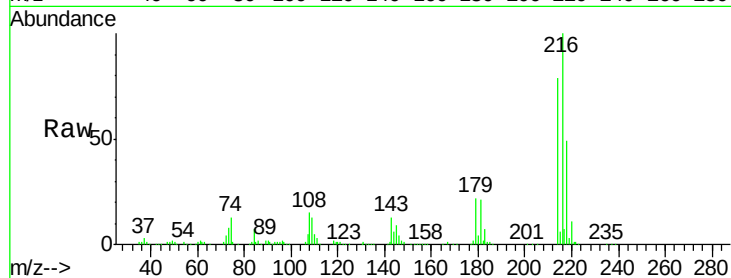
Ion Ratio Lower Upper

216 100

214 79.8 63.1 94.7

179 23.1 18.2 27.2

108 20.0 17.3 25.9

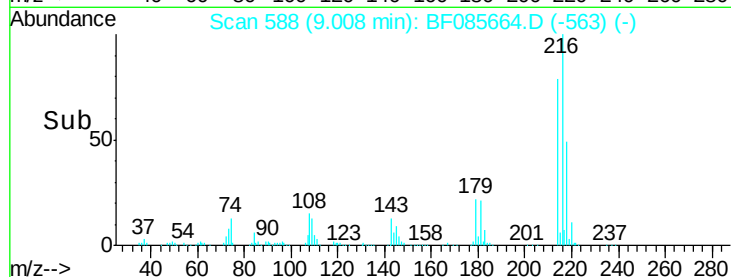


Abundance Ion 216.00 (215.70 to 216.70): E

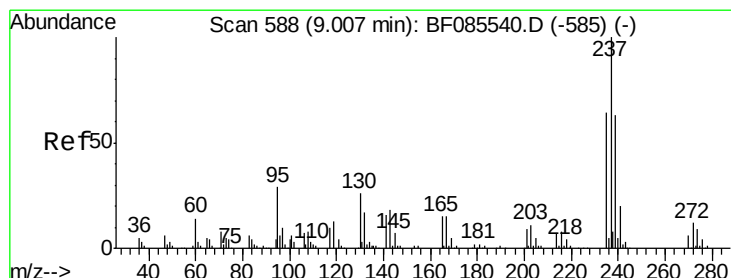
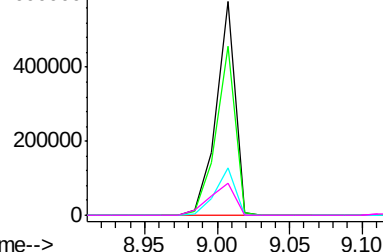
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 41.40 ng

RT: 8.98 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

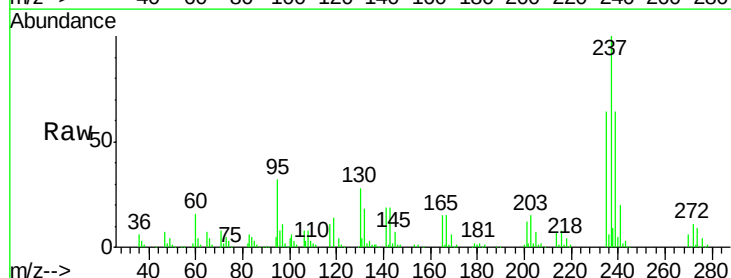
Tgt Ion:237 Resp: 228321

Ion Ratio Lower Upper

237 100

235 64.1 43.7 83.7

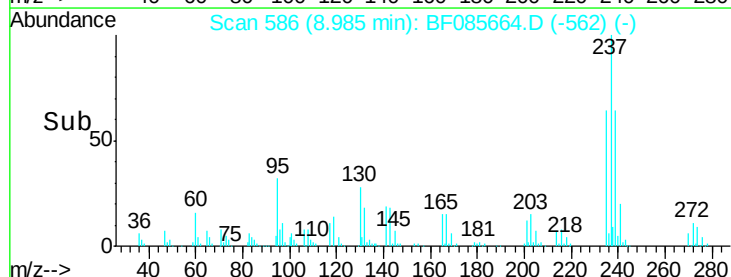
272 11.4 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

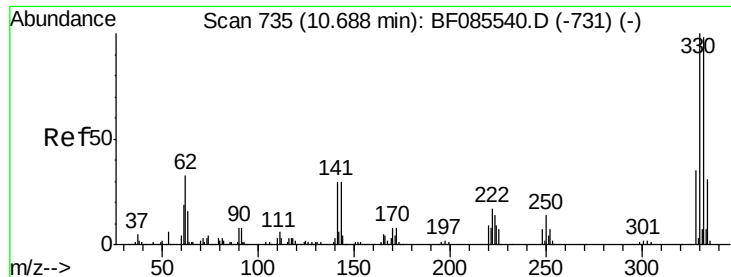
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

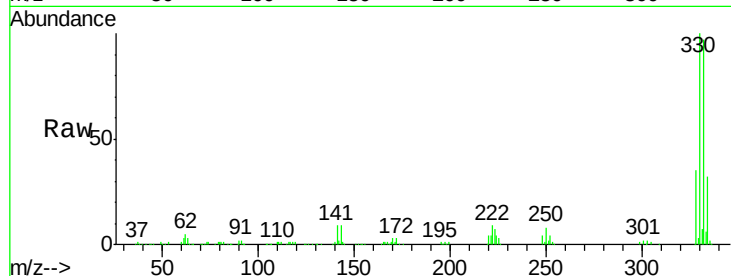




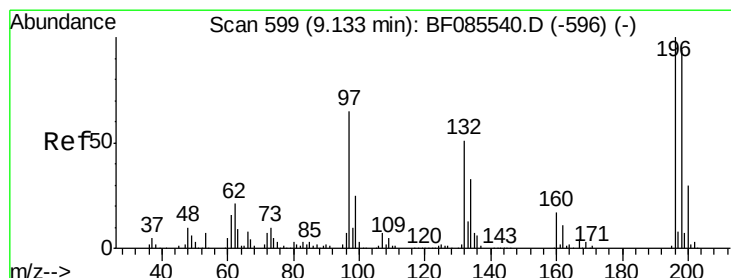
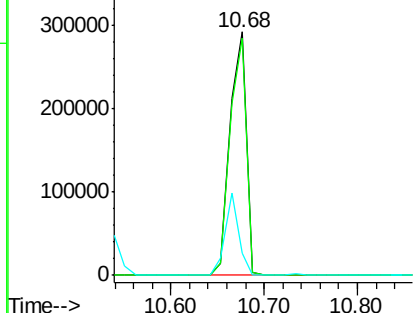
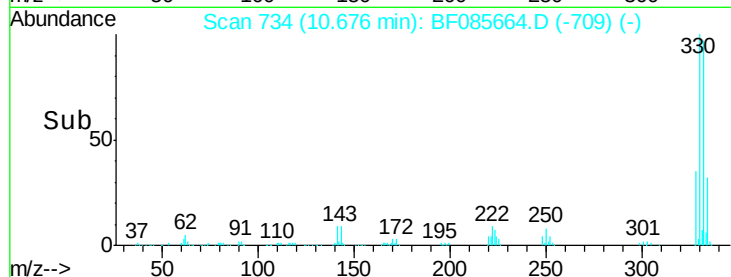
#41
 2,4,6-Tribromophenol
 Concen: 91.36 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 361046
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.2
 141 28.3 31.5 47.3#

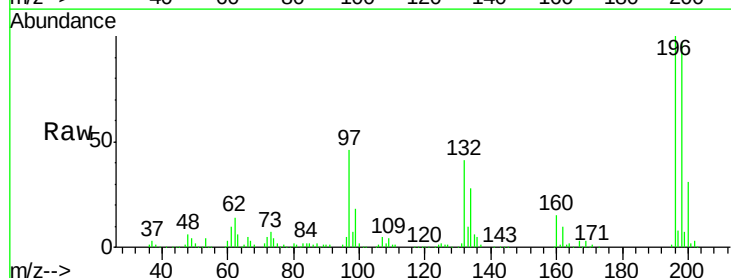


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

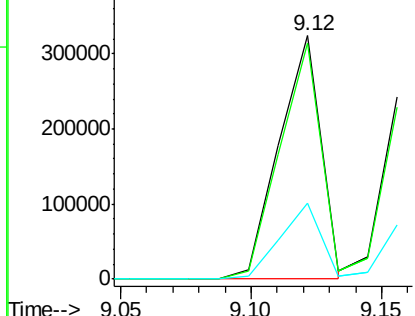
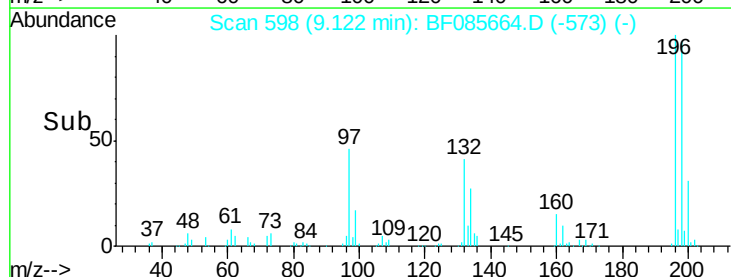


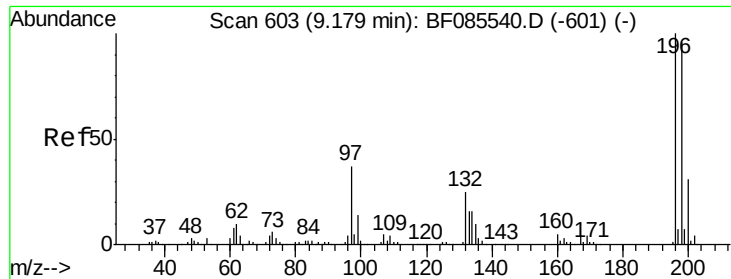
#42
 2,4,6-Trichlorophenol
 Concen: 43.05 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

Tgt Ion:196 Resp: 360634
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.3 112.9
 200 31.1 23.7 35.5



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

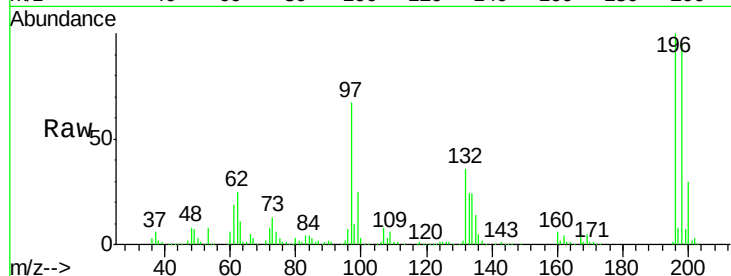




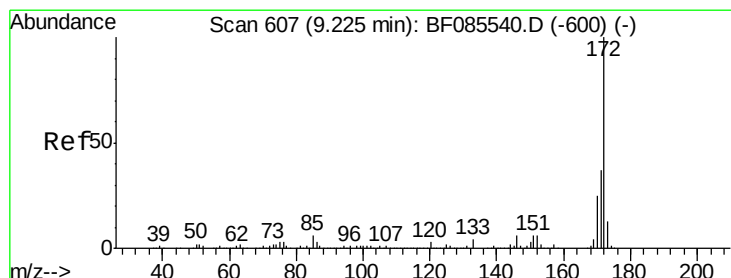
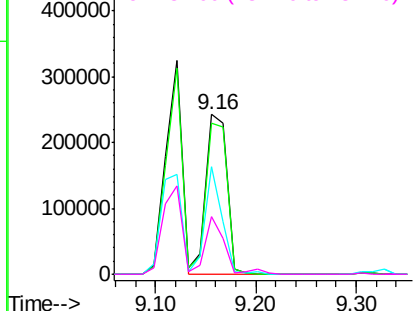
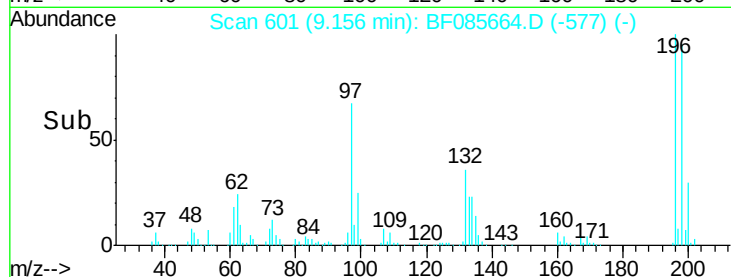
#43
2,4,5-Trichlorophenol
Concen: 41.47 ng
RT: 9.16 min Scan# 601
Delta R.T. -0.02 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 353533
Ion Ratio Lower Upper
196 100
198 94.6 76.6 114.8
97 67.4 30.5 45.7#
132 36.4 20.2 30.2#

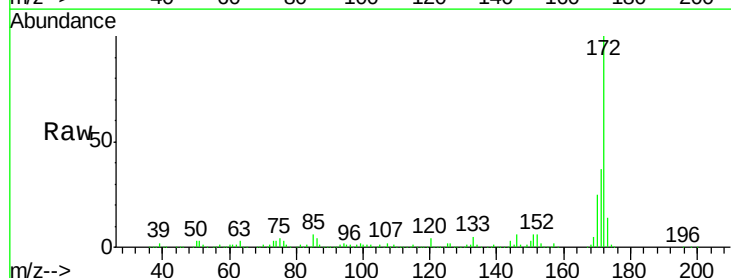


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

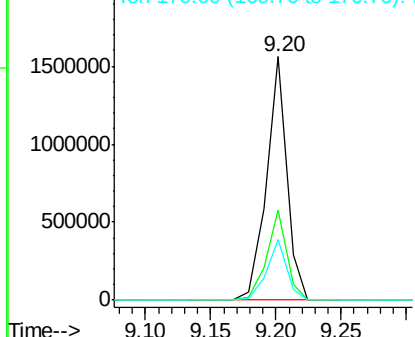
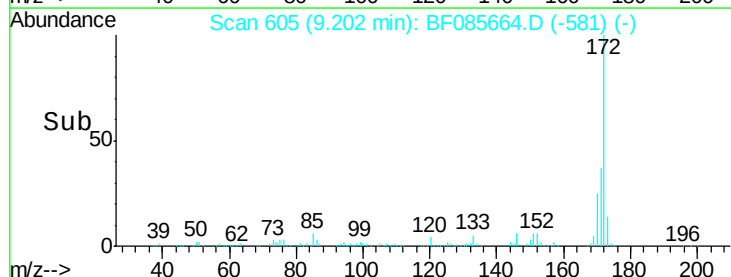


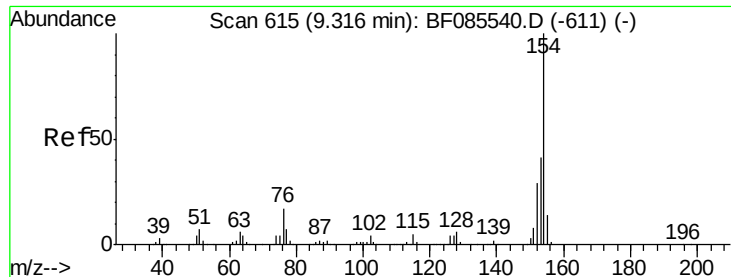
#44
2-Fluorobiphenyl
Concen: 68.97 ng
RT: 9.20 min Scan# 605
Delta R.T. -0.02 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

Tgt Ion:172 Resp: 1710465
Ion Ratio Lower Upper
172 100
171 37.1 29.4 44.2
170 24.8 19.8 29.6



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

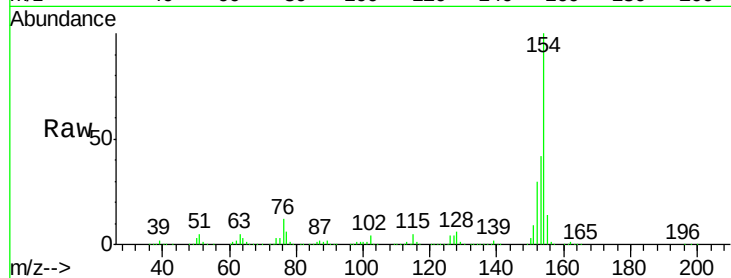




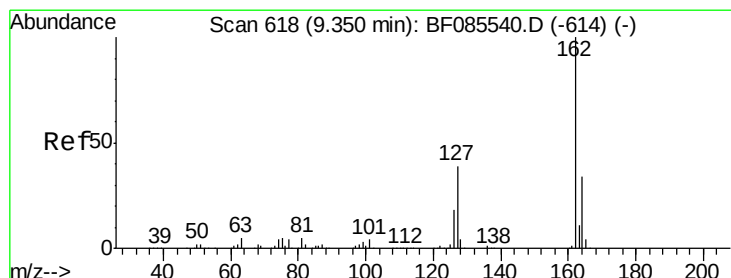
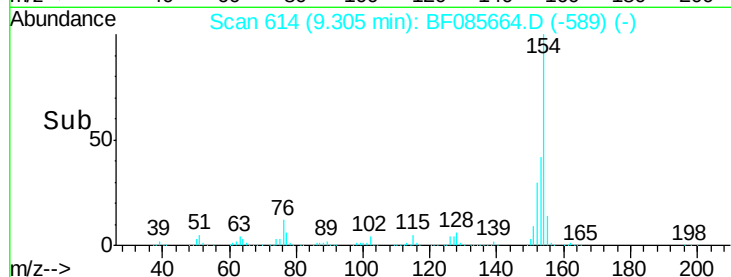
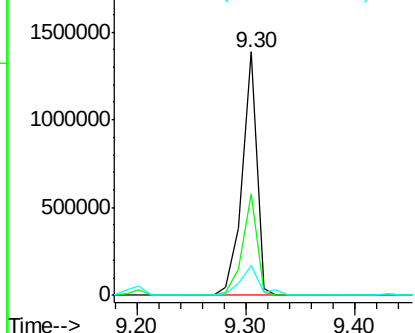
#45
1,1'-Biphenyl
Concen: 36.51 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:154 Resp: 1270625
Ion Ratio Lower Upper
154 100
153 41.9 20.8 60.8
76 12.4 0.0 36.7

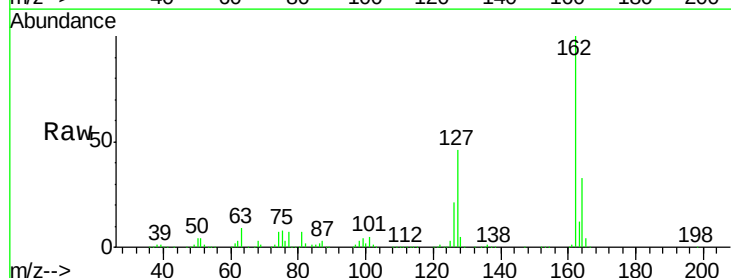


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

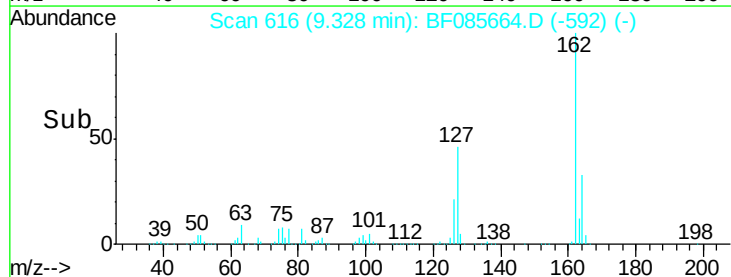
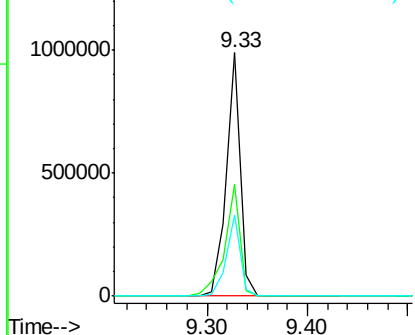


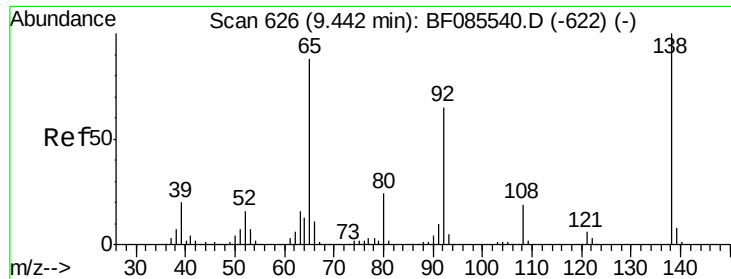
#46
2-Chloronaphthalene
Concen: 37.39 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

Tgt Ion:162 Resp: 950626
Ion Ratio Lower Upper
162 100
127 45.8 31.7 47.5
164 33.1 27.3 40.9



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

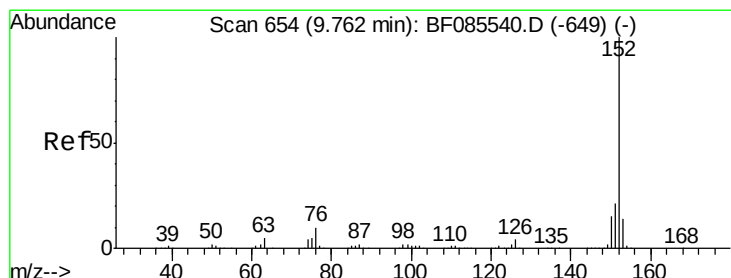
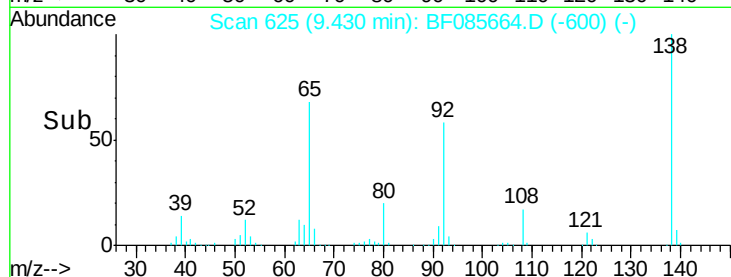
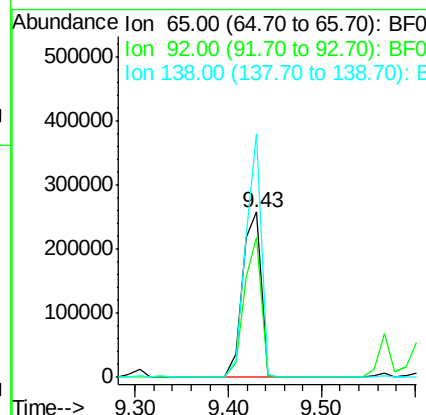
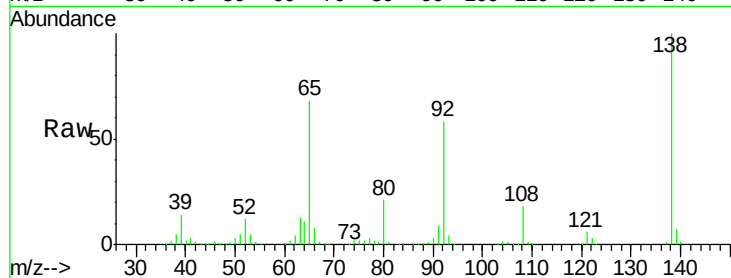




#47
 2-Nitroaniline
 Concen: 46.51 ng
 RT: 9.43 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

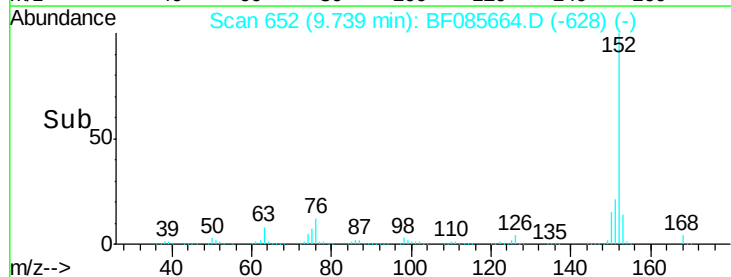
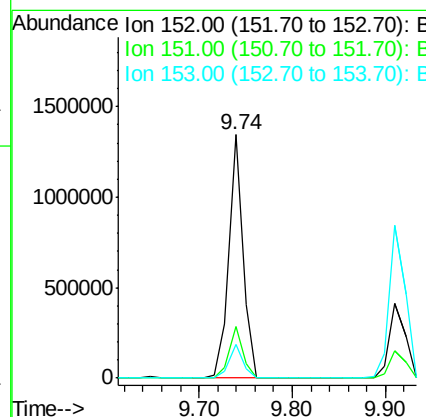
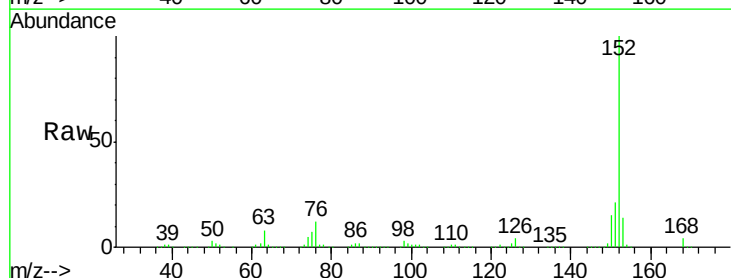
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

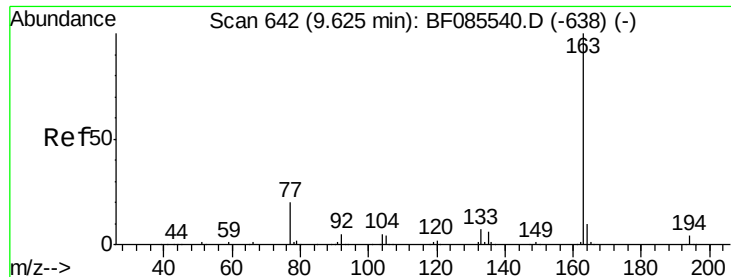
Tgt Ion: 65 Resp: 357667
 Ion Ratio Lower Upper
 65 100
 92 84.6 59.7 89.5
 138 147.1 91.4 137.0#



#48
 Acenaphthylene
 Concen: 34.50 ng
 RT: 9.74 min Scan# 652
 Delta R.T. -0.02 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

Tgt Ion: 152 Resp: 1419500
 Ion Ratio Lower Upper
 152 100
 151 21.2 16.8 25.2
 153 14.0 10.9 16.3

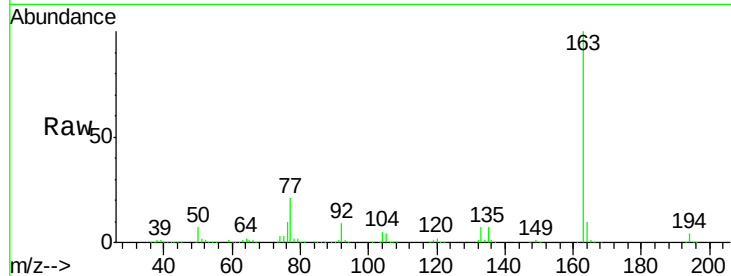




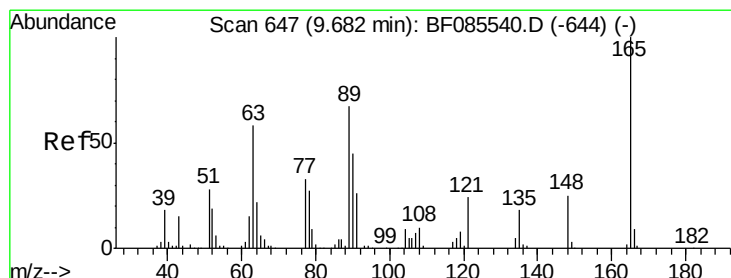
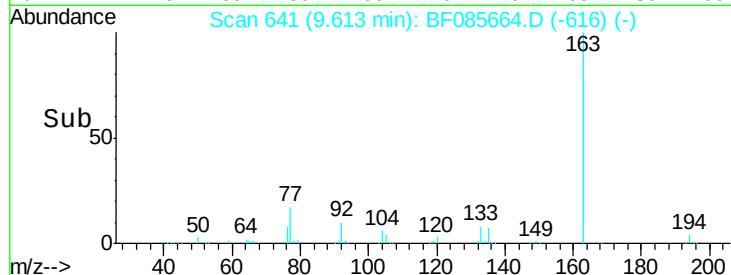
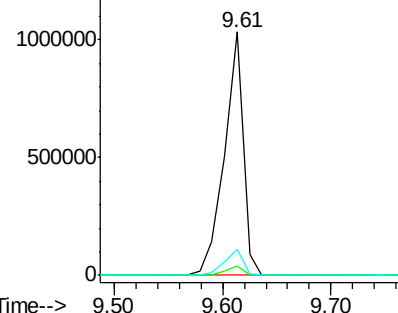
#49
Dimethylphthalate
Concen: 40.28 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1226232
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 10.5 8.3 12.5

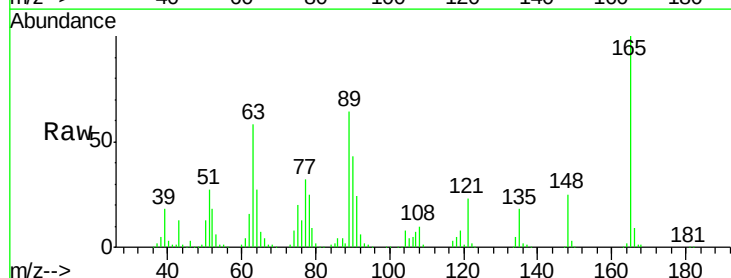


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

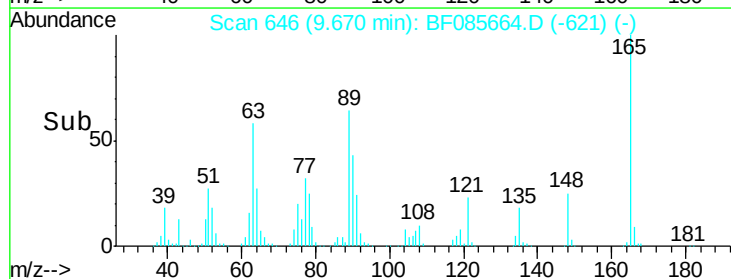
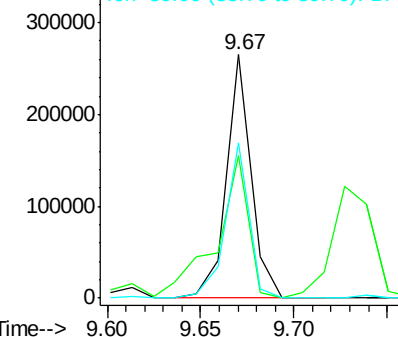


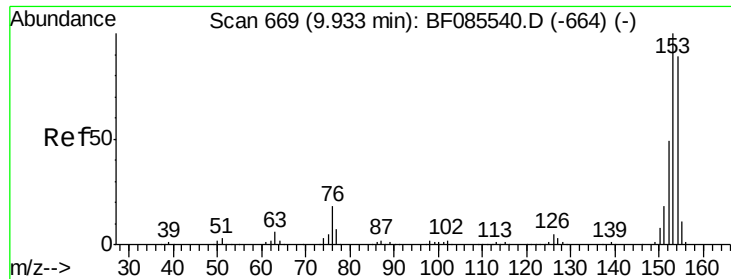
#50
2,6-Dinitrotoluene
Concen: 37.98 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

Tgt Ion:165 Resp: 244080
Ion Ratio Lower Upper
165 100
63 58.5 51.8 77.8
89 63.8 53.7 80.5



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





#51

Acenaphthene

Concen: 37.47 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

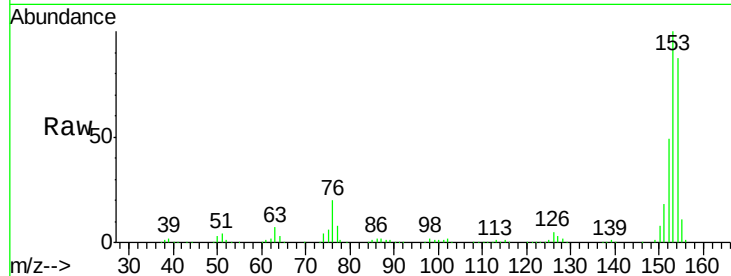
Tgt Ion:154 Resp: 967520

Ion Ratio Lower Upper

154 100

153 114.9 90.1 135.1

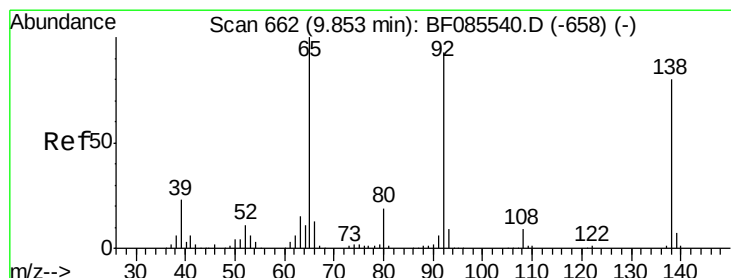
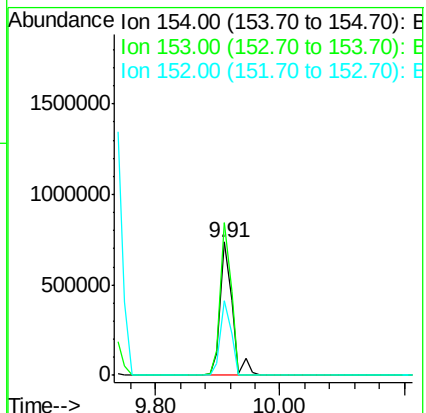
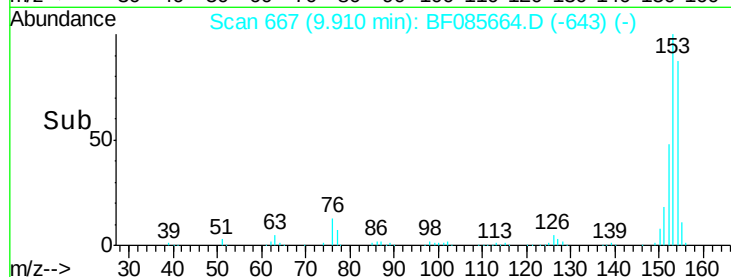
152 55.7 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.88 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

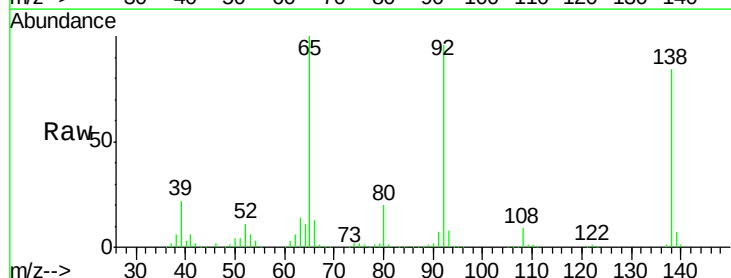
Tgt Ion:138 Resp: 321029

Ion Ratio Lower Upper

138 100

108 11.0 8.7 13.1

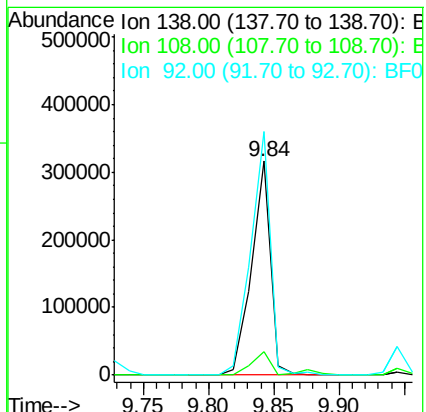
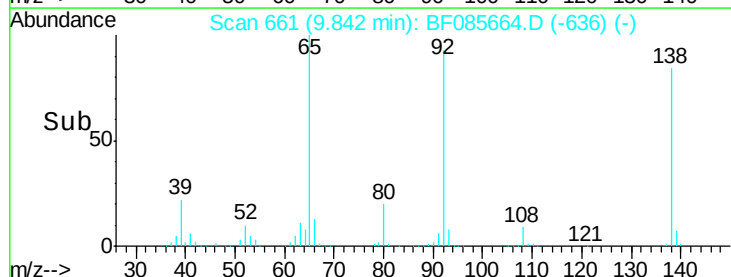
92 114.0 93.3 139.9

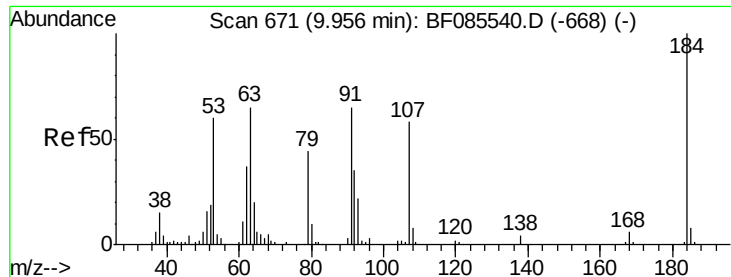


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

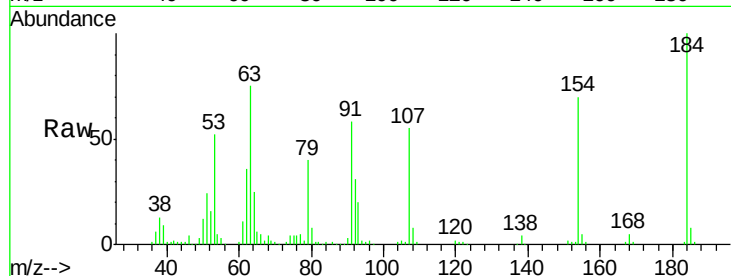




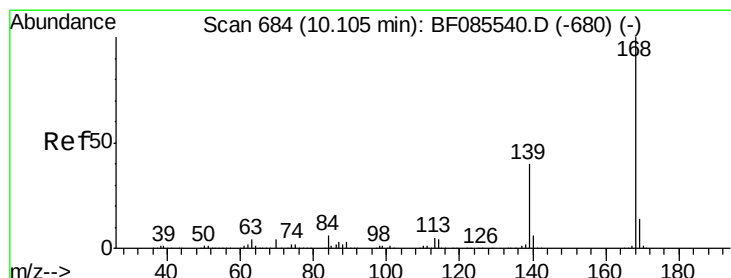
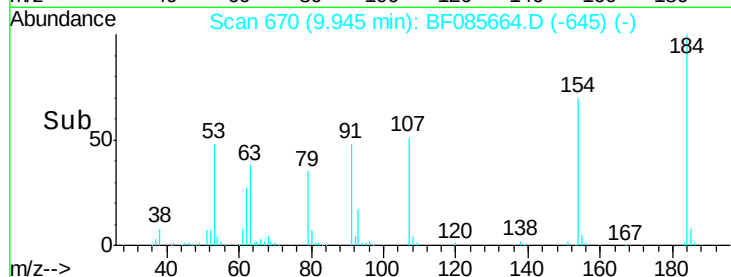
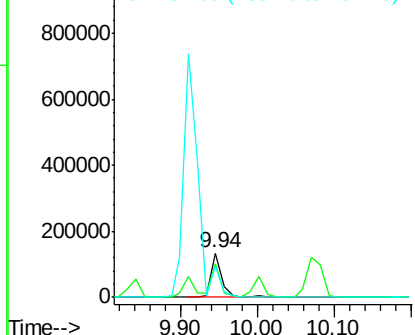
#53
2,4-Dinitrophenol
Concen: 33.45 ng
RT: 9.94 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 131684
Ion Ratio Lower Upper
184 100
63 74.6 69.5 104.3
154 70.0 58.3 87.5

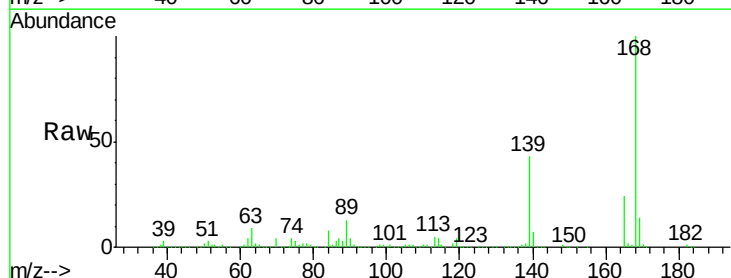


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

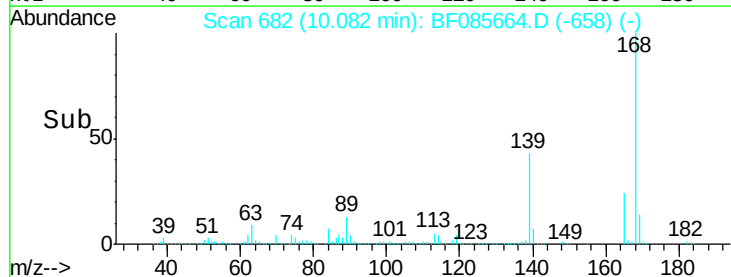
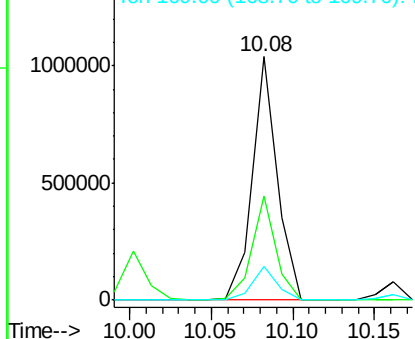


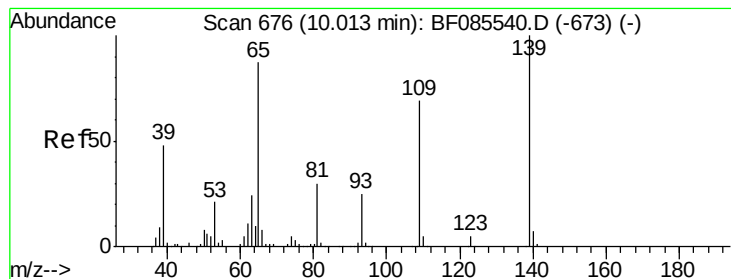
#54
Dibenzofuran
Concen: 35.09 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

Tgt Ion:168 Resp: 1103234
Ion Ratio Lower Upper
168 100
139 42.9 31.9 47.9
169 14.1 11.0 16.6



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: 34.76 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

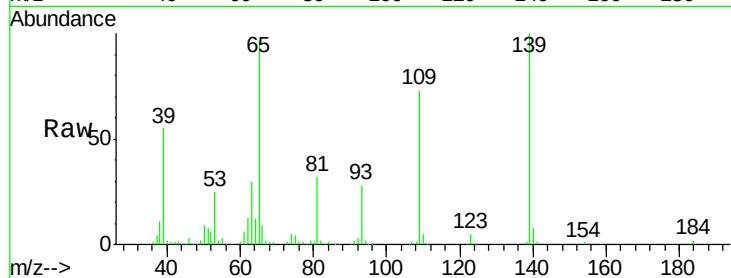
Tgt Ion:139 Resp: 216235

Ion Ratio Lower Upper

139 100

109 72.7 49.2 89.2

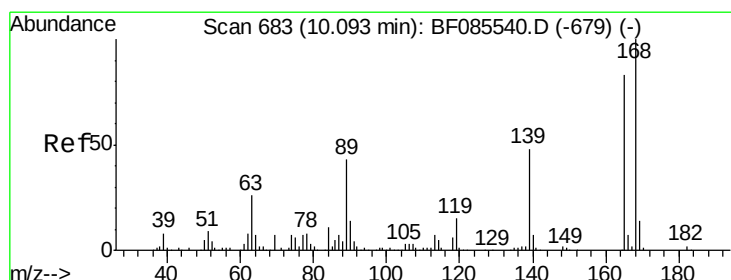
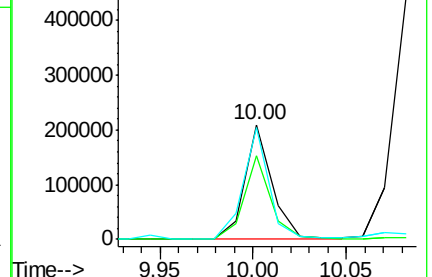
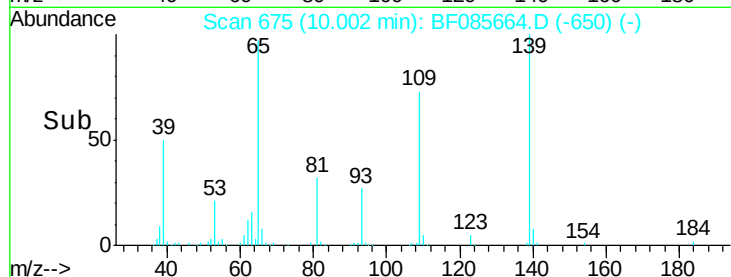
65 97.4 66.9 106.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.59 ng

RT: 10.08 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Tgt Ion:165 Resp: 358361

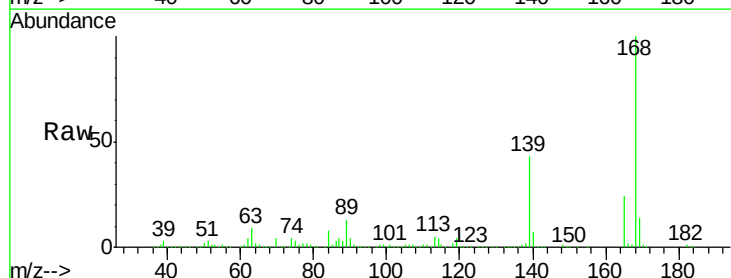
Ion Ratio Lower Upper

165 100

63 39.2 24.9 37.3#

89 52.8 41.0 61.6

182 2.8 2.1 3.1

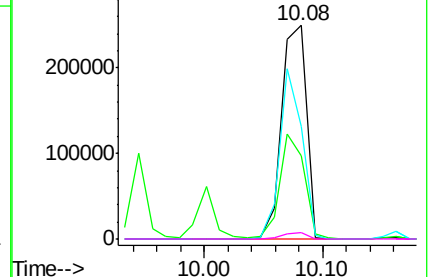
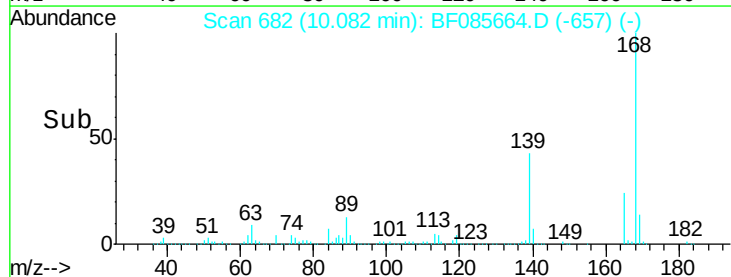


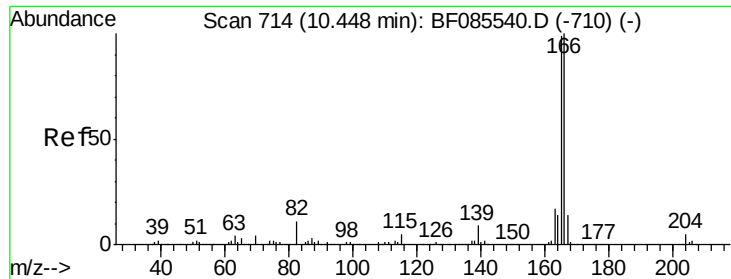
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

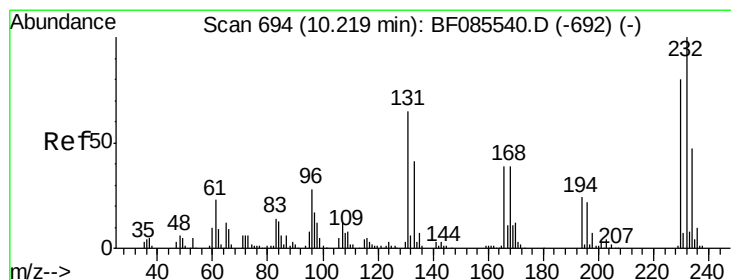
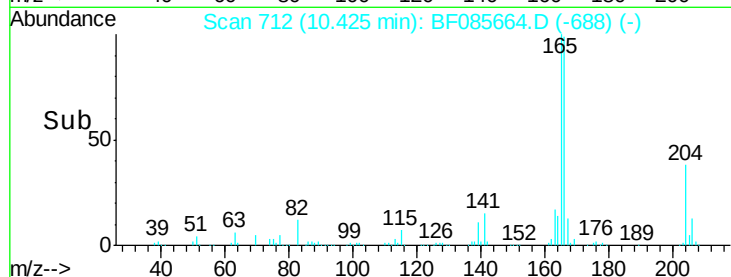
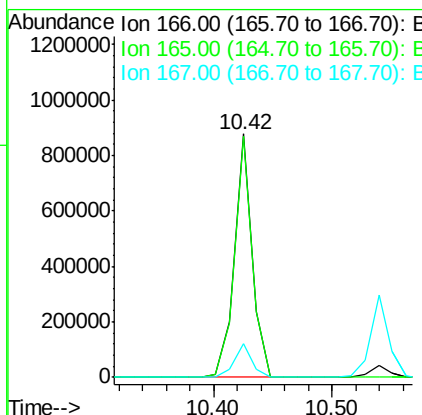
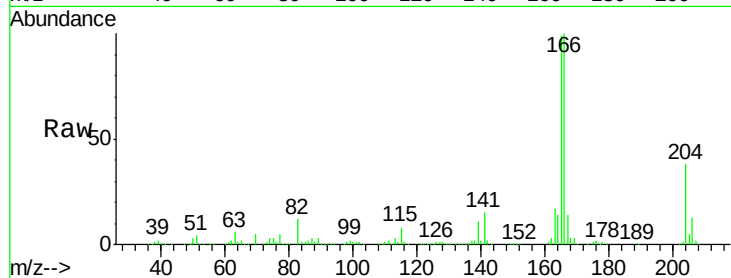




#57
 Fluorene
 Concen: 34.76 ng
 RT: 10.42 min Scan# 712
 Delta R.T. -0.02 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

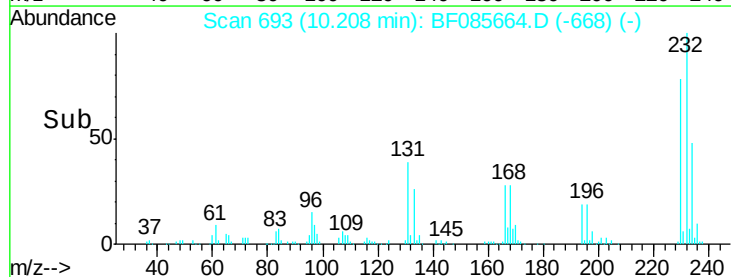
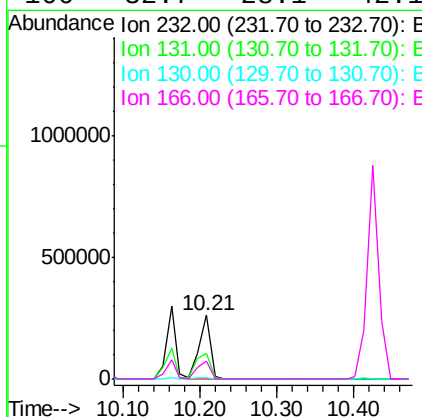
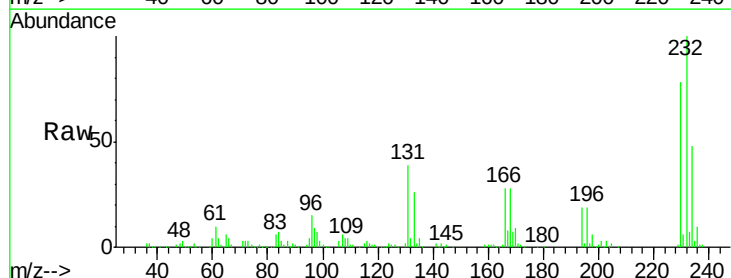
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

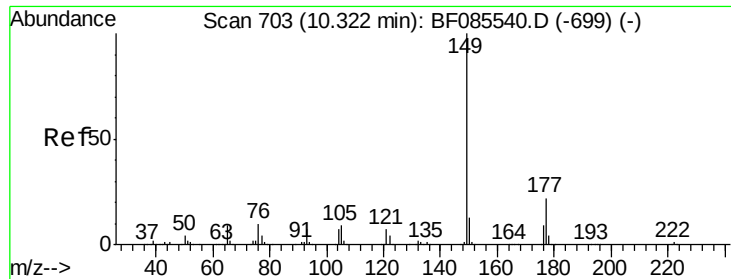
Tgt Ion:166 Resp: 910824
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.4 119.0
 167 13.9 11.0 16.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.72 ng
 RT: 10.21 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

Tgt Ion:232 Resp: 262209
 Ion Ratio Lower Upper
 232 100
 131 51.2 44.9 67.3
 130 2.5 2.3 3.5
 166 32.7 28.1 42.1

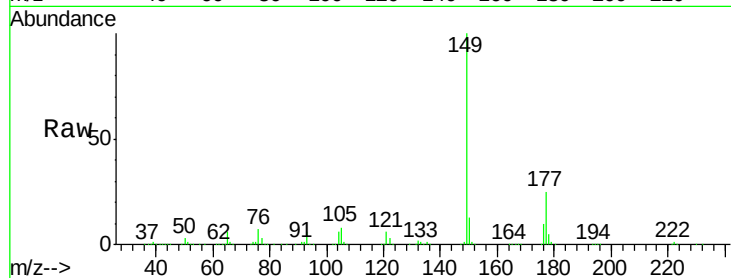




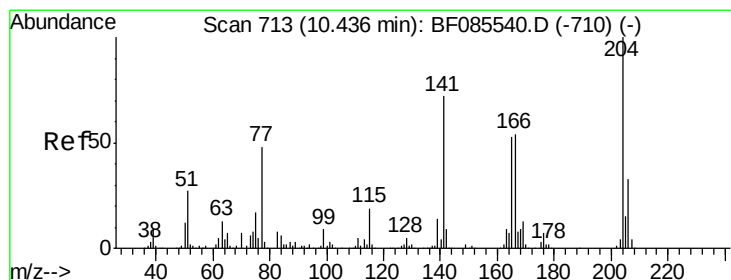
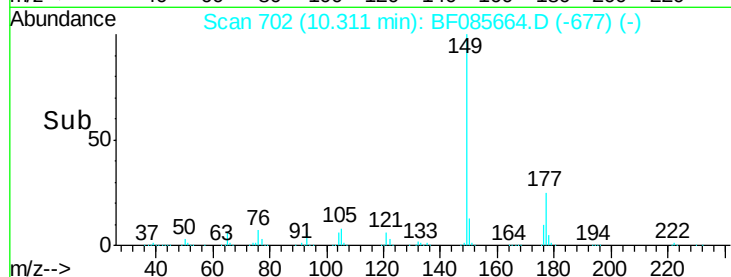
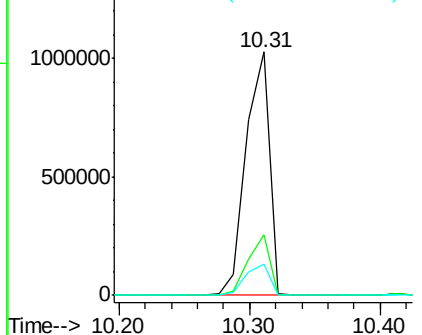
#59
Diethylphthalate
Concen: 42.29 ng
RT: 10.31 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1280018
Ion Ratio Lower Upper
149 100
177 24.6 17.9 26.9
150 12.6 10.2 15.2

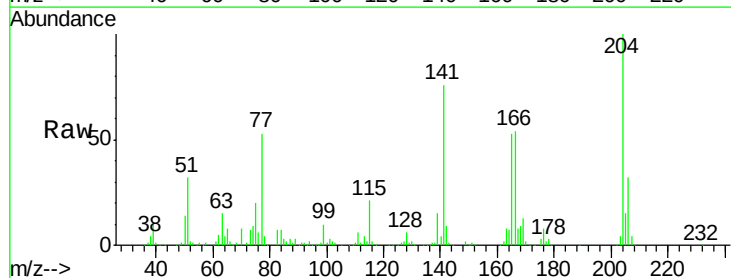


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

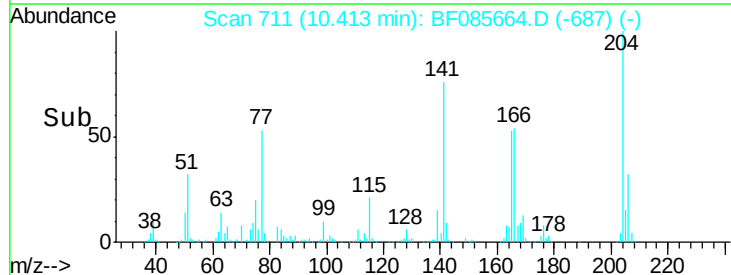
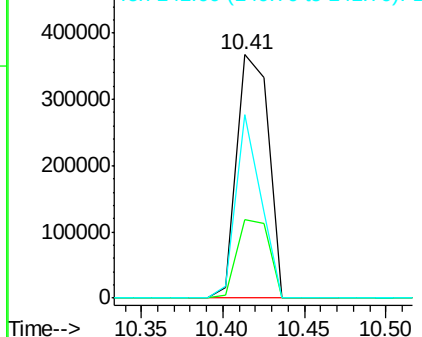


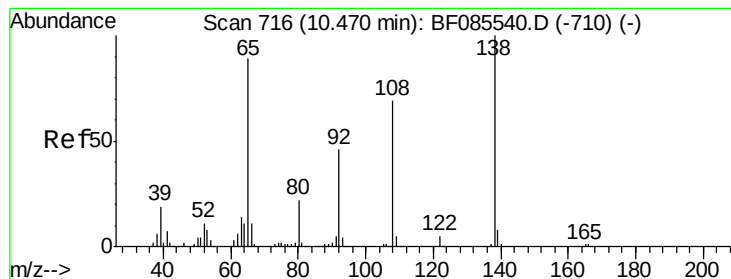
#60
4-Chlorophenyl-phenylether
Concen: 38.53 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

Tgt Ion:204 Resp: 492969
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 75.5 57.4 86.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.57 ng

RT: 10.46 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

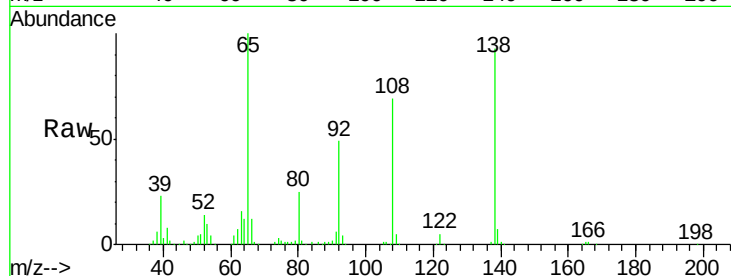
Tgt Ion:138 Resp: 306065

Ion Ratio Lower Upper

138 100

92 52.7 26.4 66.4

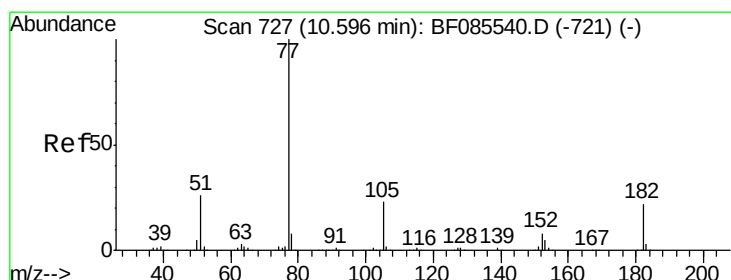
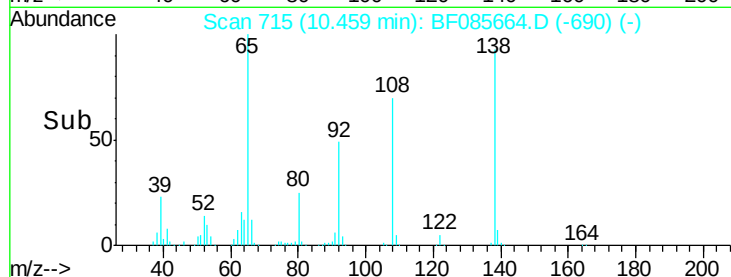
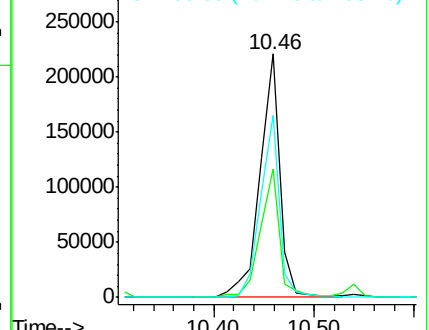
108 74.7 49.0 89.0



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: 38.43 ng

RT: 10.57 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Tgt Ion: 77 Resp: 1116275

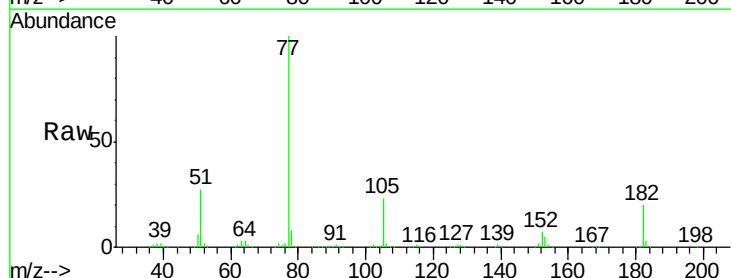
Ion Ratio Lower Upper

77 100

182 19.9 1.9 41.9

105 22.6 3.5 43.5

51 27.3 6.3 46.3

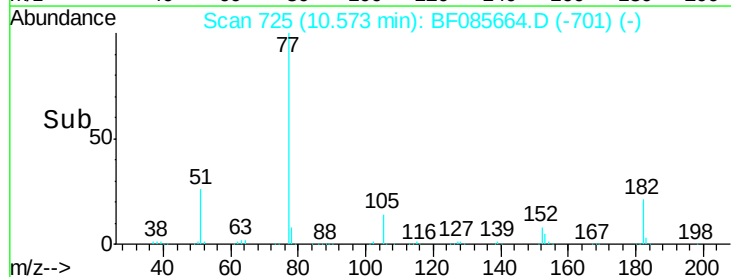
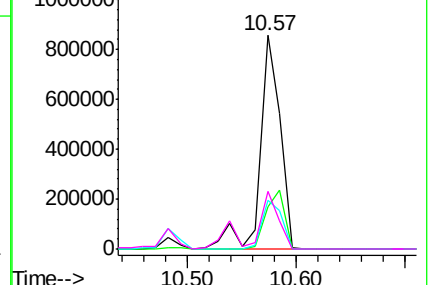


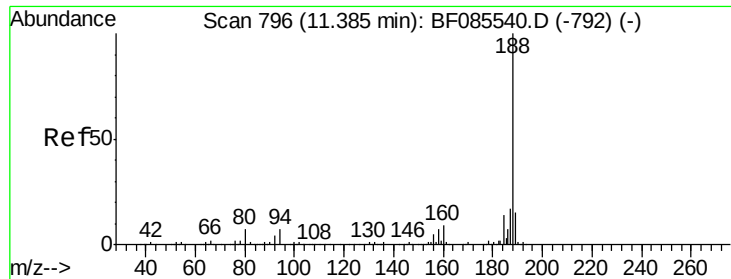
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 794

Delta R.T. -0.02 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

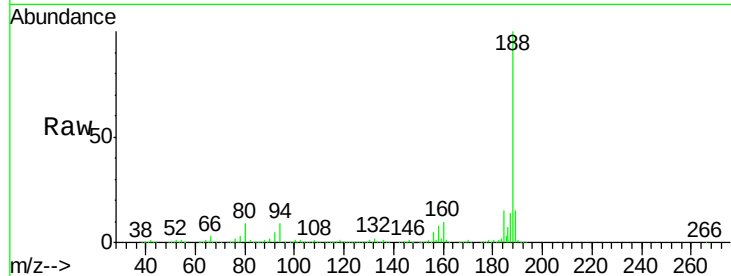
Tgt Ion:188 Resp: 803896

Ion Ratio Lower Upper

188 100

94 8.9 5.4 8.0#

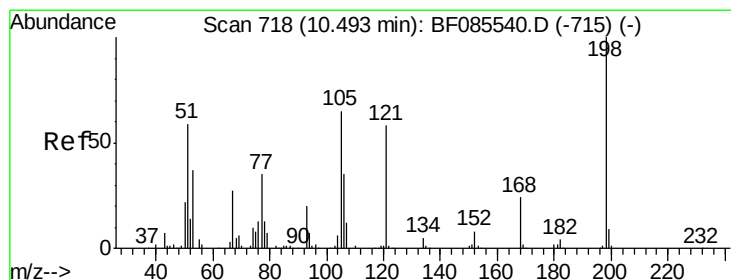
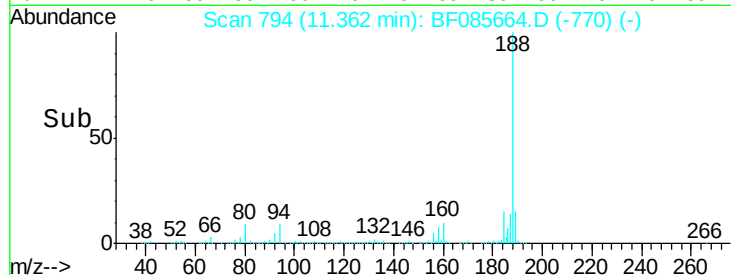
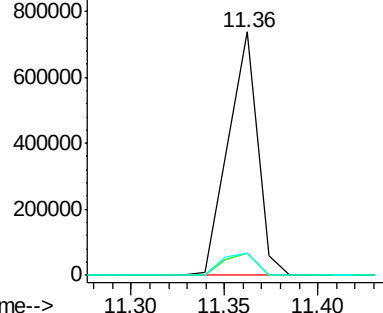
80 9.2 5.5 8.3#



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: 39.39 ng

RT: 10.49 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

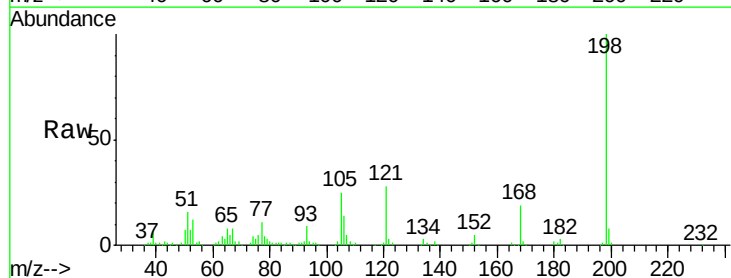
Tgt Ion:198 Resp: 202635

Ion Ratio Lower Upper

198 100

51 15.9 45.4 85.4#

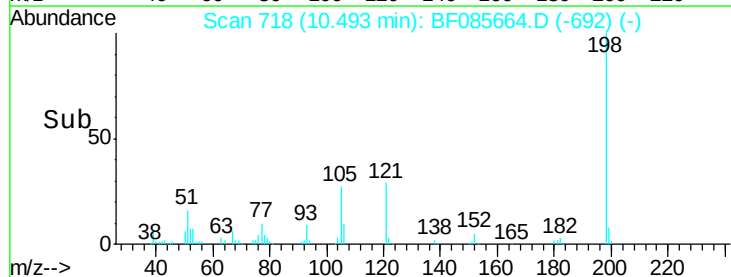
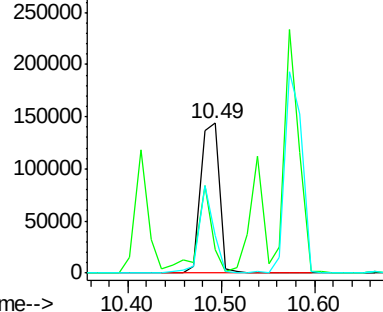
105 25.3 45.9 85.9#

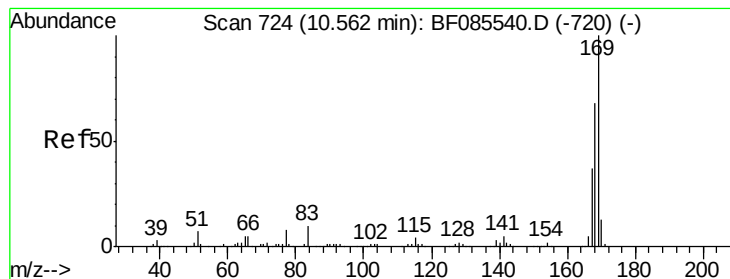


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 34.01 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

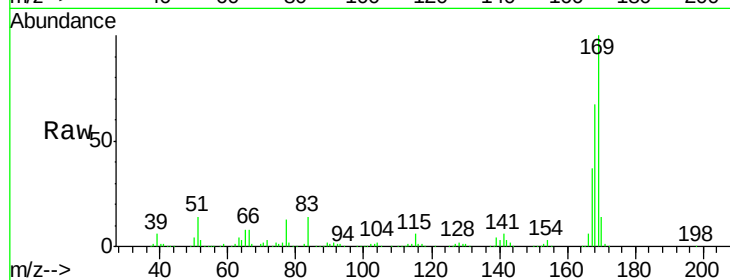
Tgt Ion:169 Resp: 851703

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

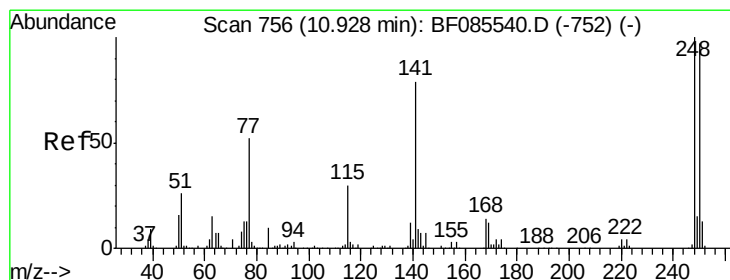
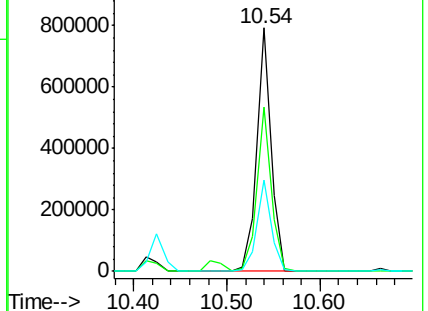
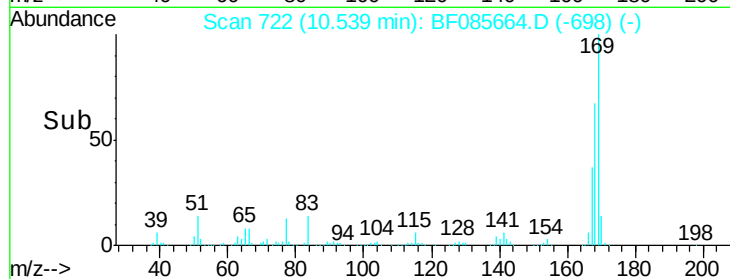
167 37.5 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.63 ng

RT: 10.90 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

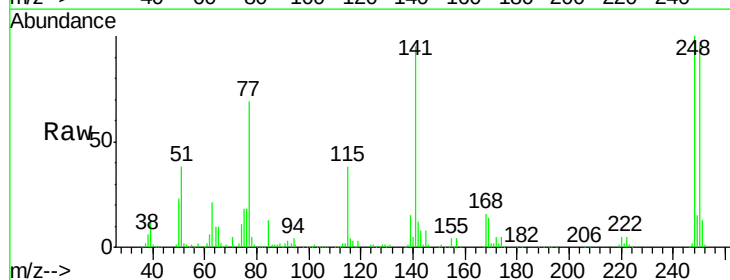
Tgt Ion:248 Resp: 302227

Ion Ratio Lower Upper

248 100

250 96.3 77.4 116.0

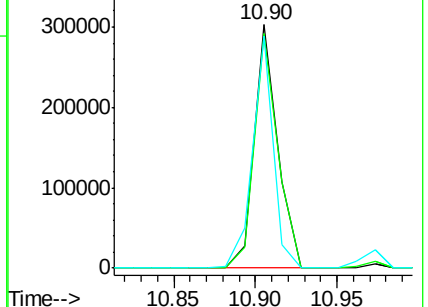
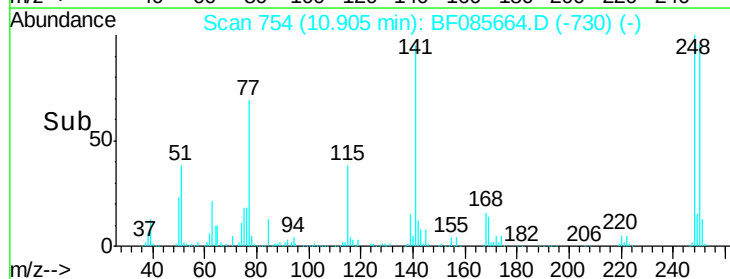
141 95.1 63.6 95.4

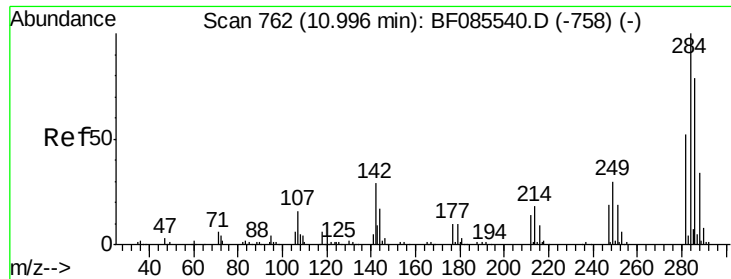


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

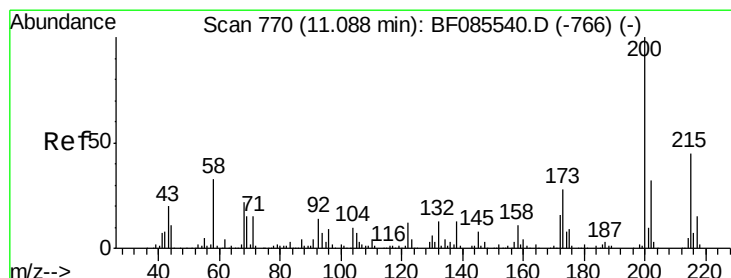
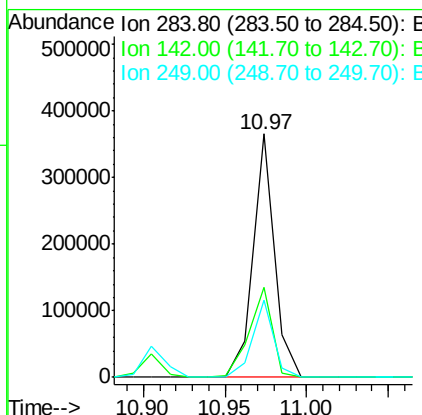
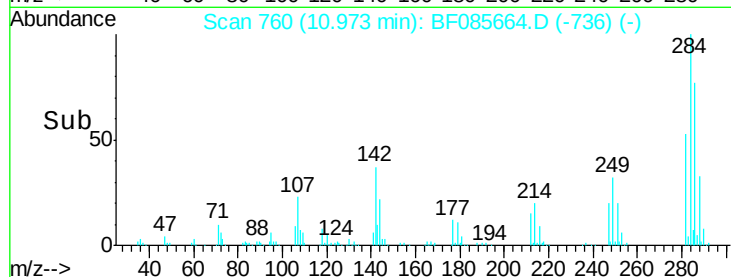
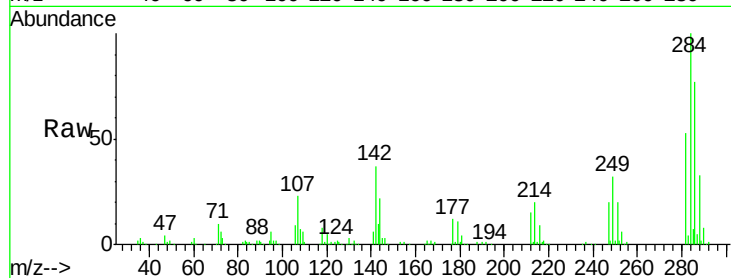




#67
Hexachlorobenzene
Concen: 39.08 ng
RT: 10.97 min Scan# 760
Delta R.T. -0.02 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

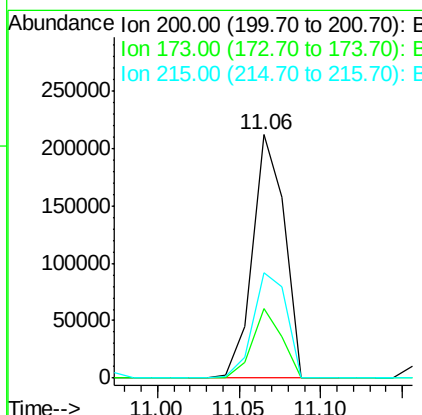
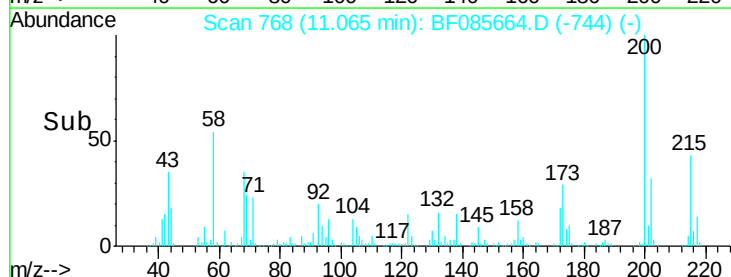
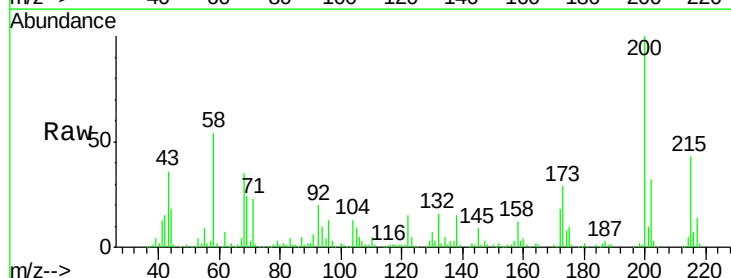
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

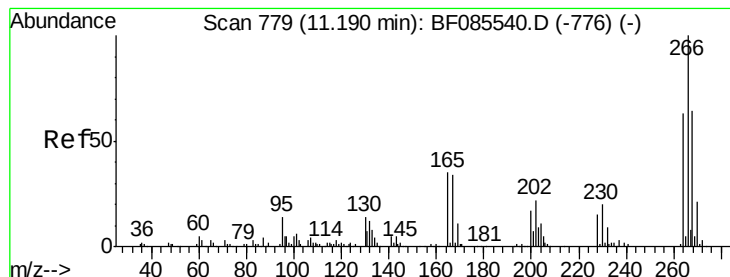
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.9	23.1	34.7#
249	31.8	24.2	36.2



#68
Atrazine
Concen: 37.59 ng
RT: 11.06 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.7	7.7	47.7
215	43.3	25.4	65.4





#69

Pentachlorophenol

Concen: 38.21 ng

RT: 11.17 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

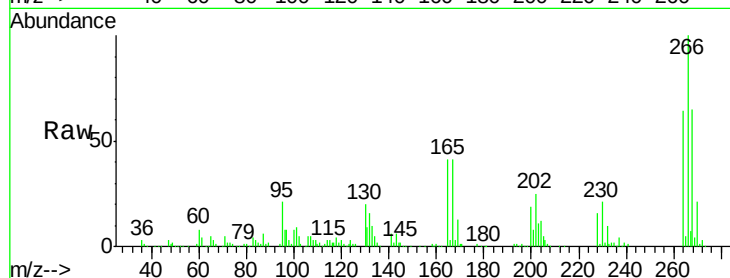
Tgt Ion:266 Resp: 197935

Ion Ratio Lower Upper

266 100

268 64.6 51.5 77.3

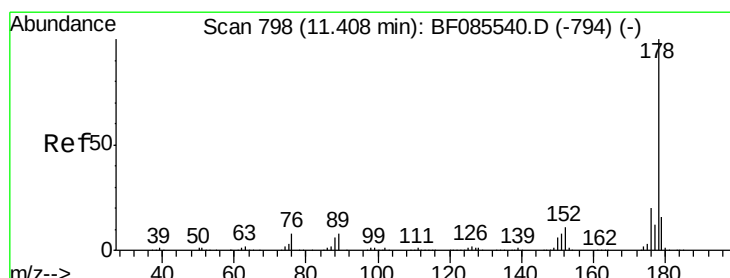
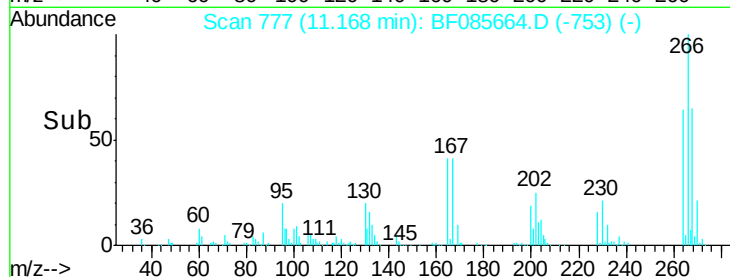
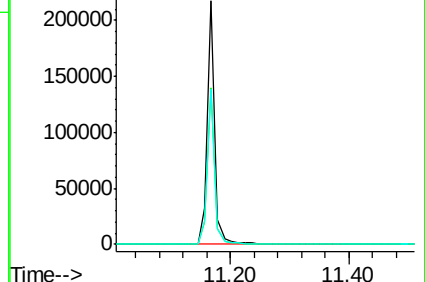
264 63.7 50.6 76.0



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: 33.12 ng

RT: 11.38 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

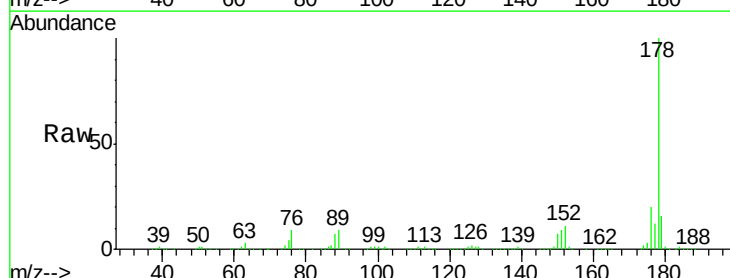
Tgt Ion:178 Resp: 1403900

Ion Ratio Lower Upper

178 100

176 20.3 16.3 24.5

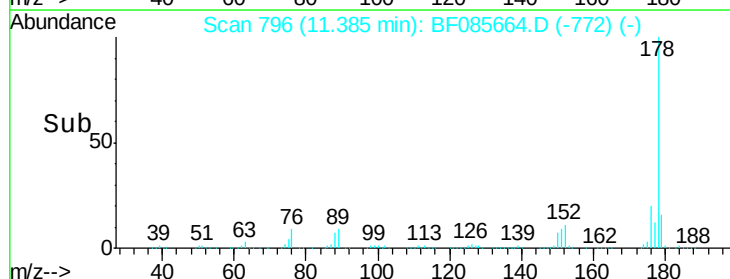
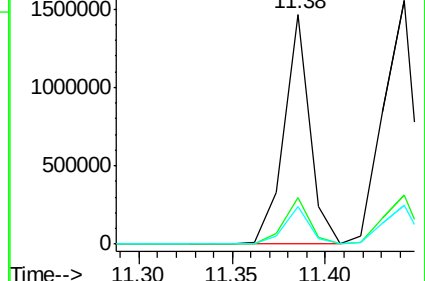
179 16.2 12.6 18.8

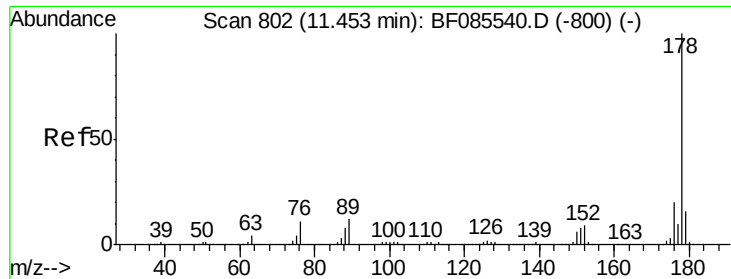


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

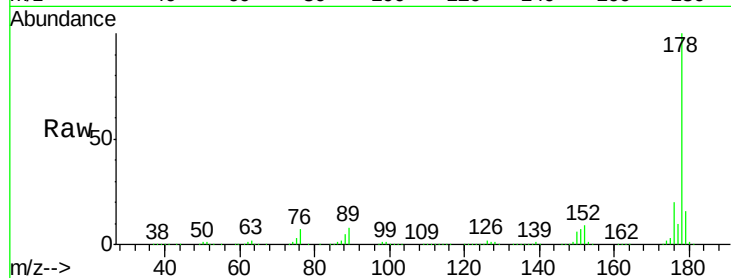




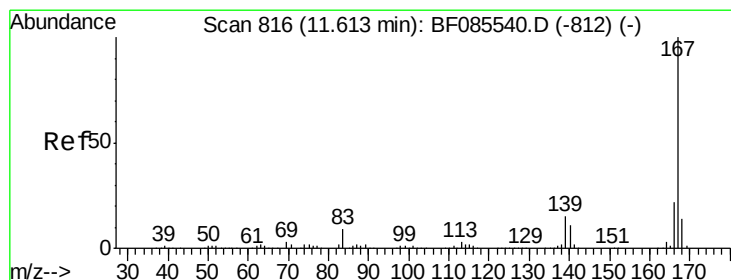
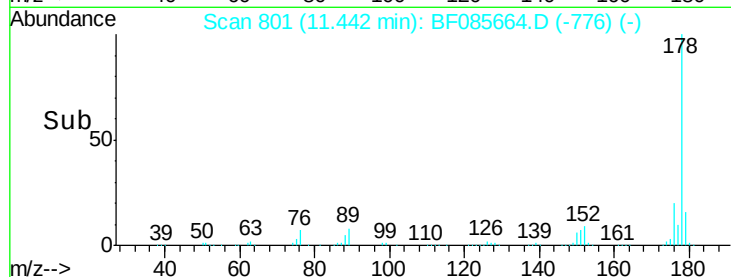
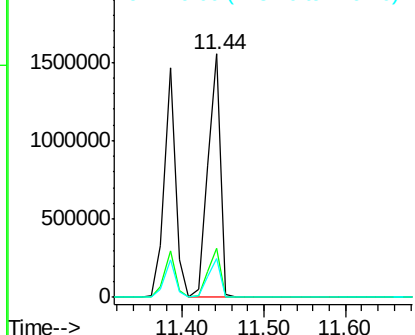
#71
 Anthracene
 Concen: 38.29 ng
 RT: 11.44 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1701824
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.9 23.9
 179 15.9 13.0 19.4

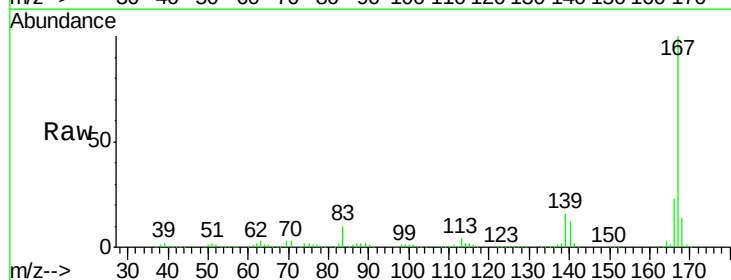


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

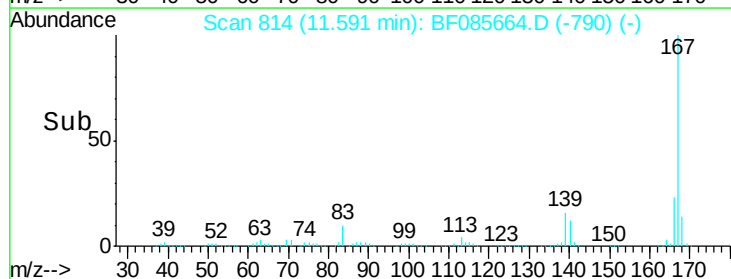
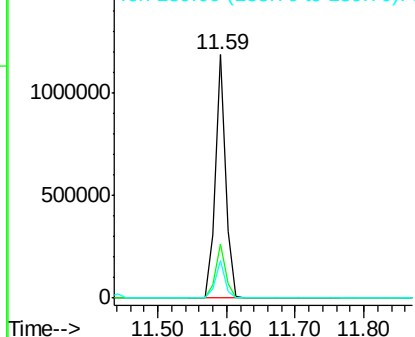


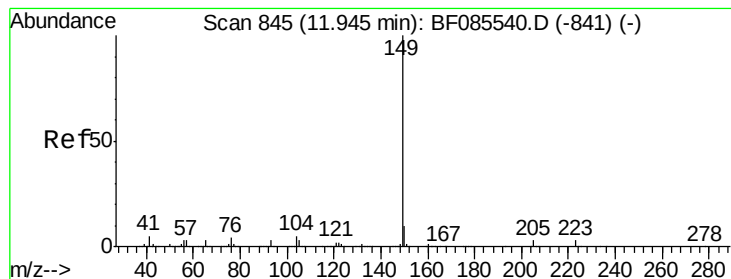
#72
 Carbazole
 Concen: 33.13 ng
 RT: 11.59 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

Tgt Ion:167 Resp: 1270396
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.8
 139 15.5 11.6 17.4



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





#73

Di-n-butylphthalate

Concen: 35.01 ng

RT: 11.92 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

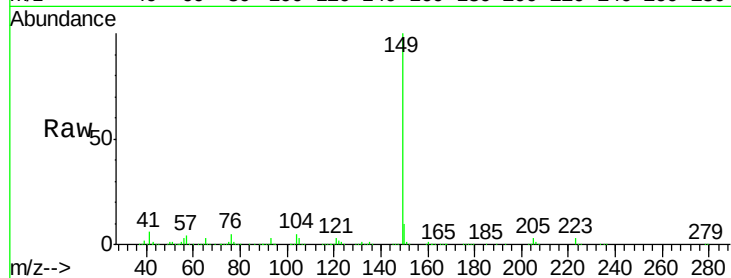
Tgt Ion:149 Resp: 1681080

Ion Ratio Lower Upper

149 100

150 9.9 7.6 11.4

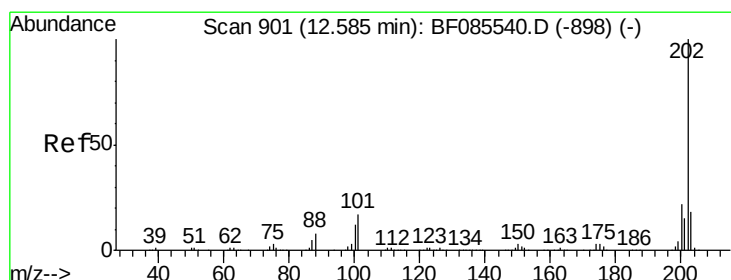
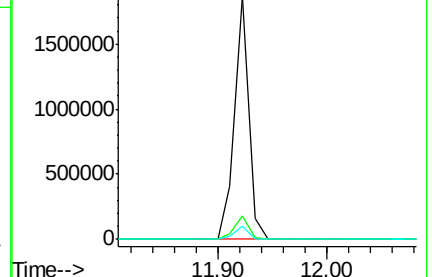
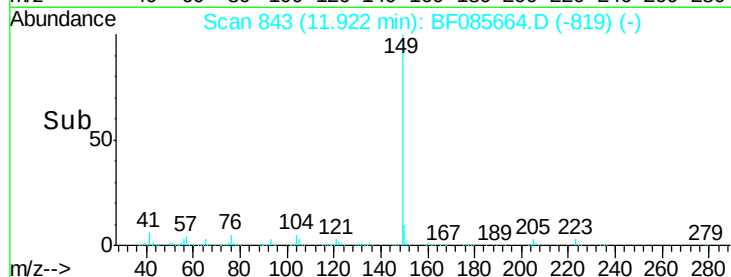
104 5.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.43 ng

RT: 12.57 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

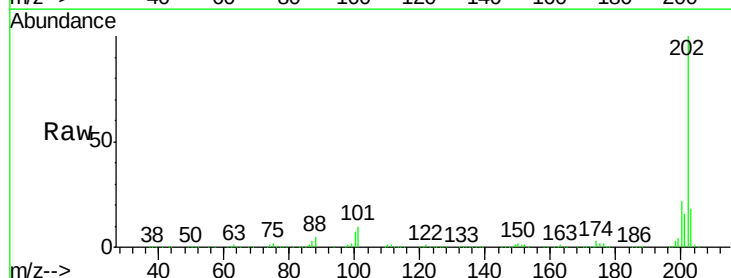
Tgt Ion:202 Resp: 1705566

Ion Ratio Lower Upper

202 100

101 9.9 0.0 36.6

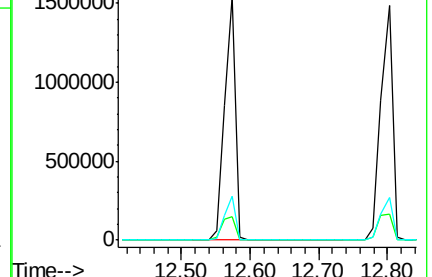
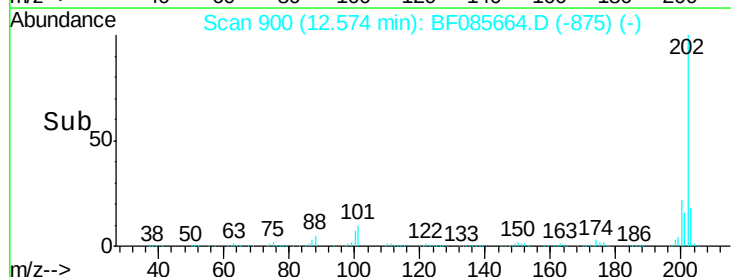
203 18.0 0.0 38.1

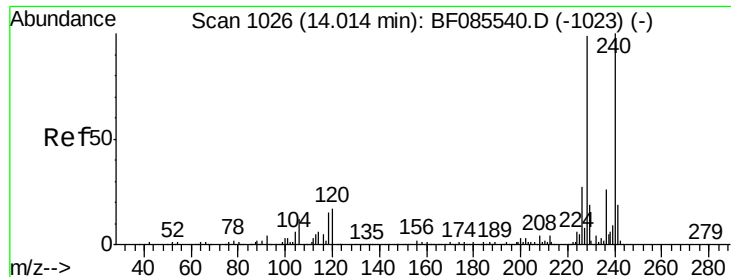


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

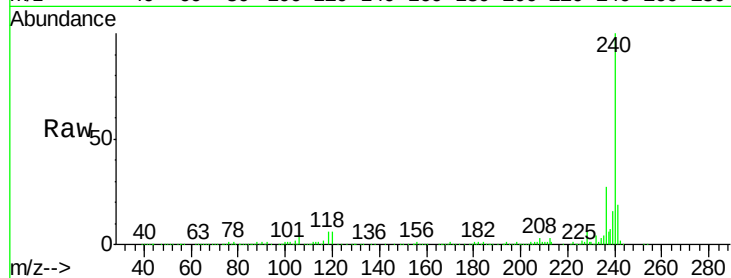
Tgt Ion:240 Resp: 504954

Ion Ratio Lower Upper

240 100

120 6.5 13.8 20.8#

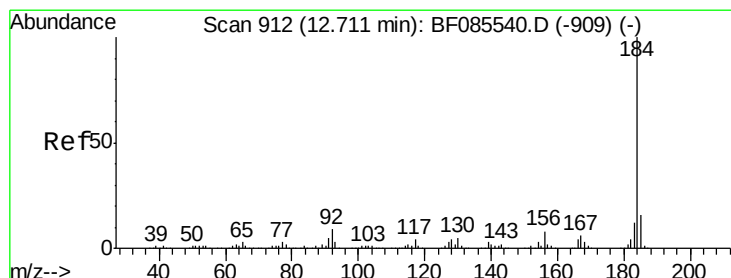
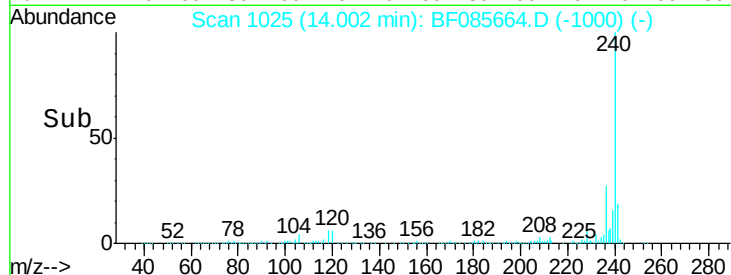
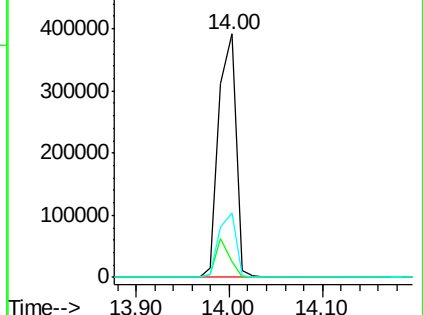
236 26.5 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.74 ng

RT: 12.69 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

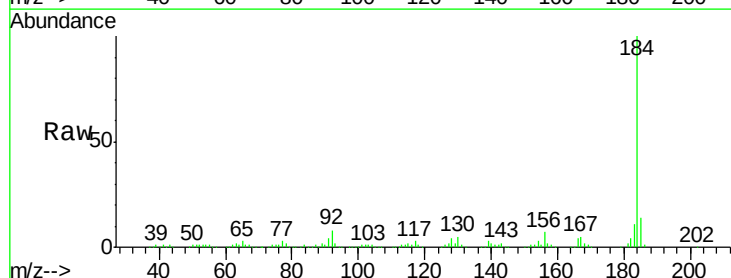
Tgt Ion:184 Resp: 301192

Ion Ratio Lower Upper

184 100

185 14.4 12.4 18.6

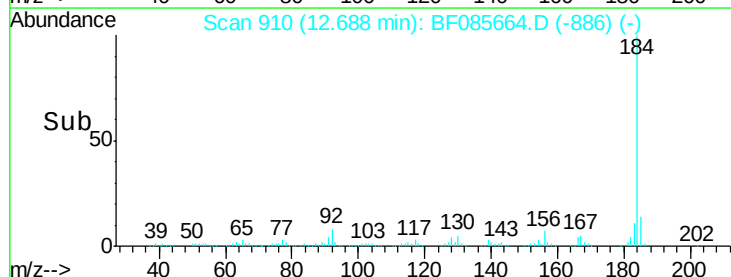
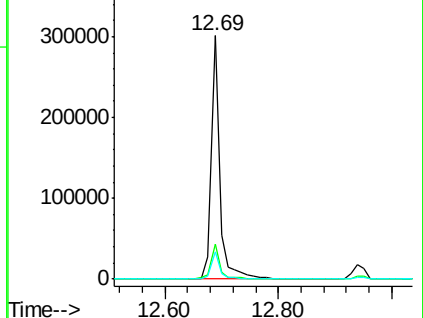
183 11.3 9.4 14.2

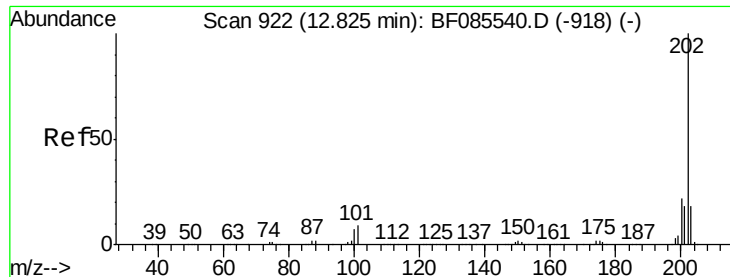


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

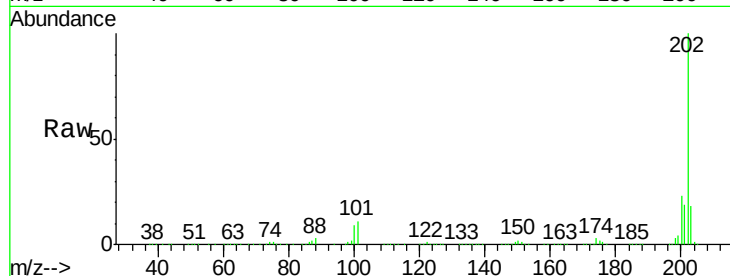




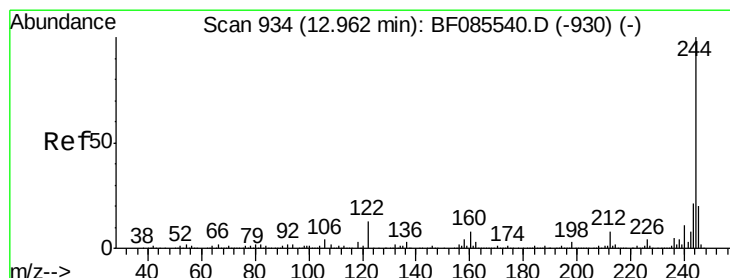
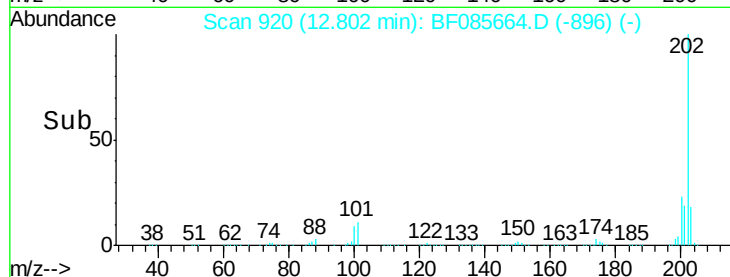
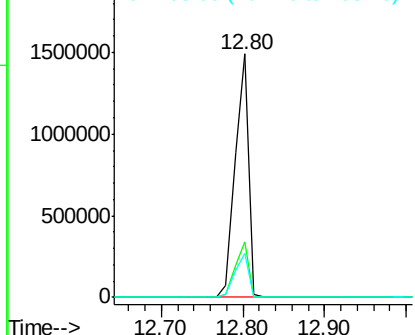
#77
 Pyrene
 Concen: 46.90 ng
 RT: 12.80 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:202 Resp: 1700516
 Ion Ratio Lower Upper
 202 100
 200 22.8 17.6 26.4
 203 18.1 14.0 21.0

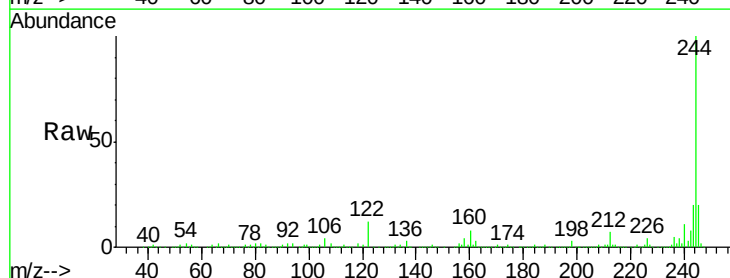


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

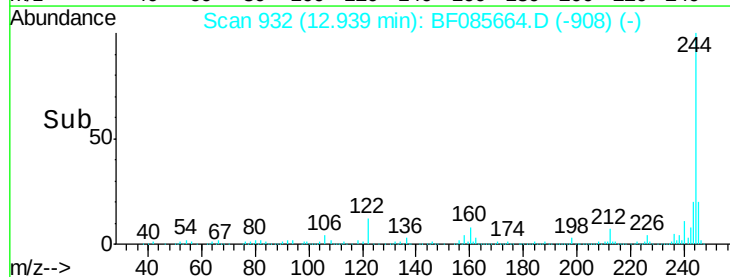
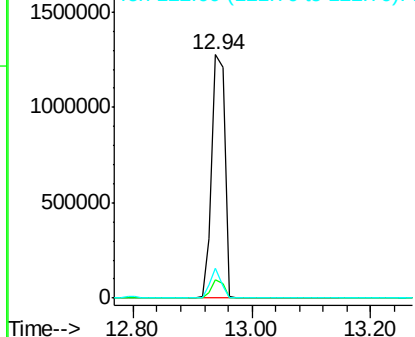


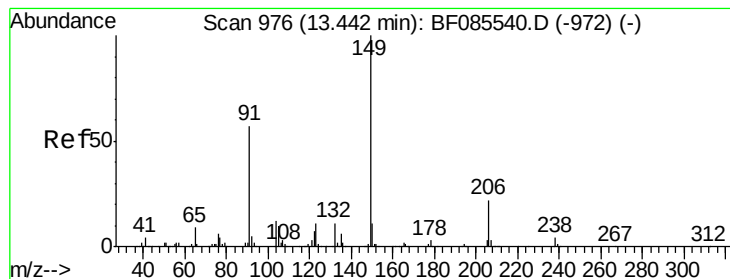
#78
 Terphenyl-d14
 Concen: 92.50 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

Tgt Ion:244 Resp: 1941013
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.0 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E
 1500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.96 ng

RT: 13.42 min Scan# 974

Delta R.T. -0.02 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

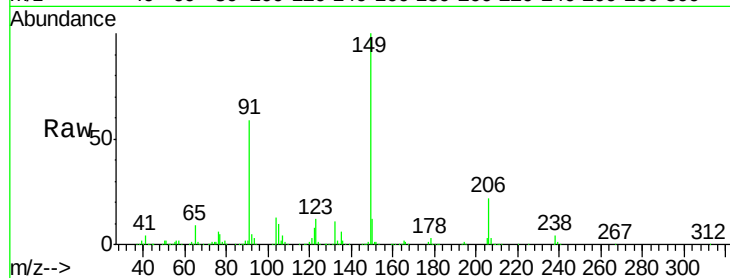
Tgt Ion:149 Resp: 776966

Ion Ratio Lower Upper

149 100

91 59.4 45.8 68.8

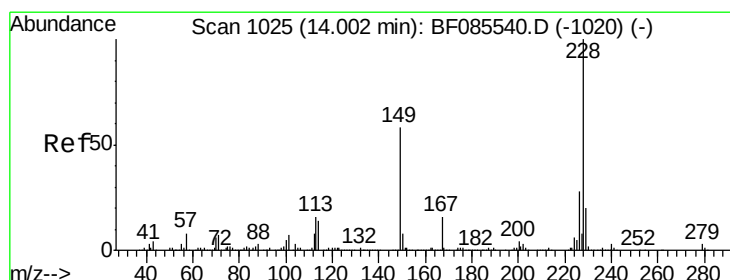
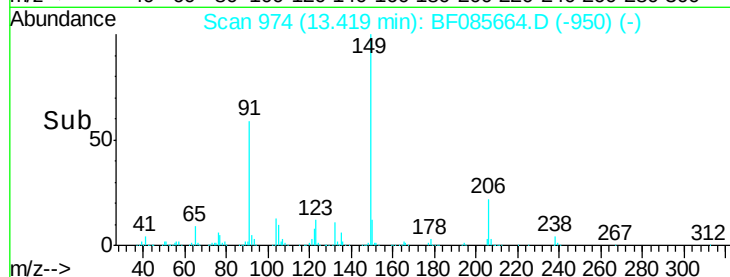
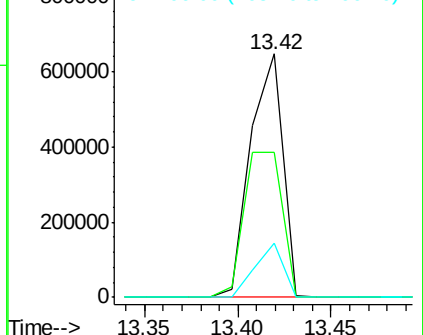
206 22.3 17.8 26.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.21 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

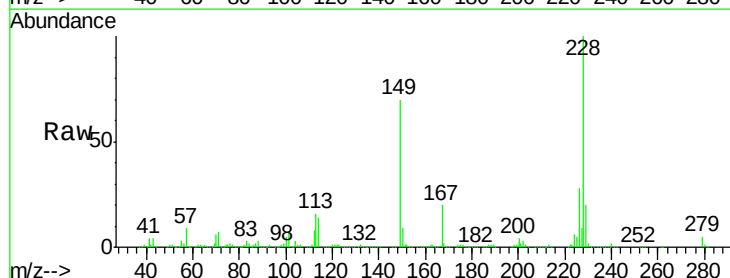
Tgt Ion:228 Resp: 1178595

Ion Ratio Lower Upper

228 100

226 28.4 22.1 33.1

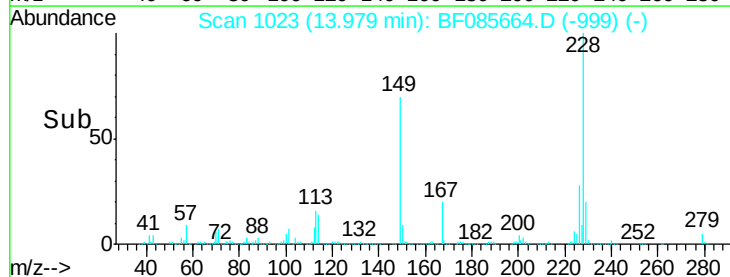
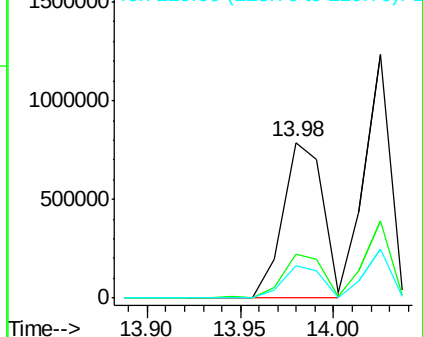
229 20.4 16.2 24.4

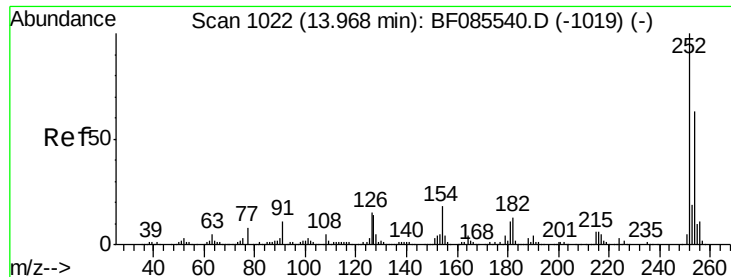


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

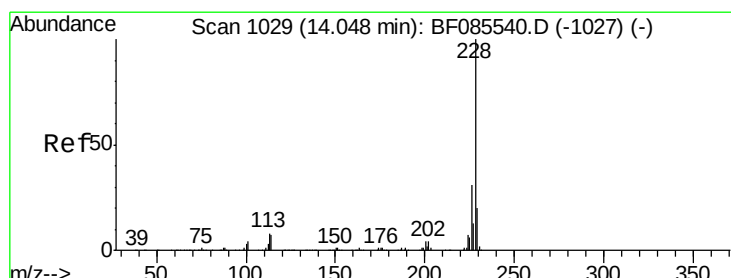
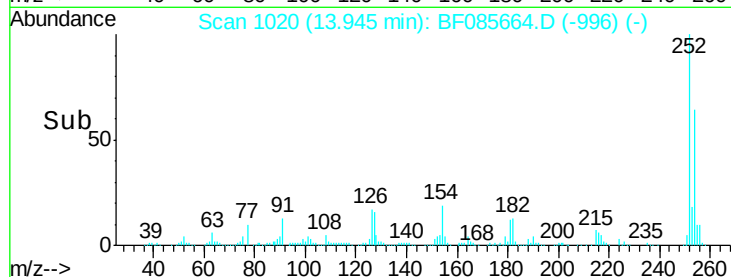
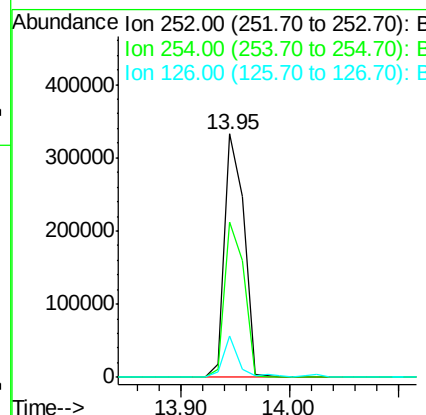
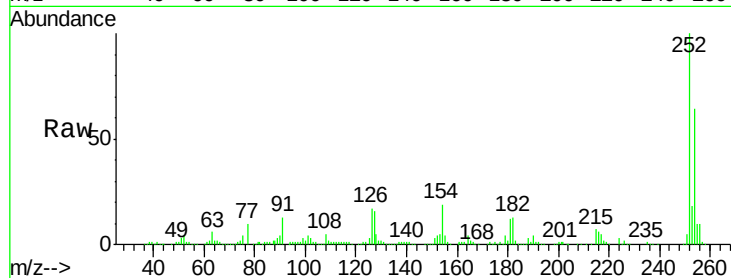




#81
 3,3'-Dichlorobenzidine
 Concen: 38.83 ng
 RT: 13.95 min Scan# 1020
 Delta R.T. -0.02 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

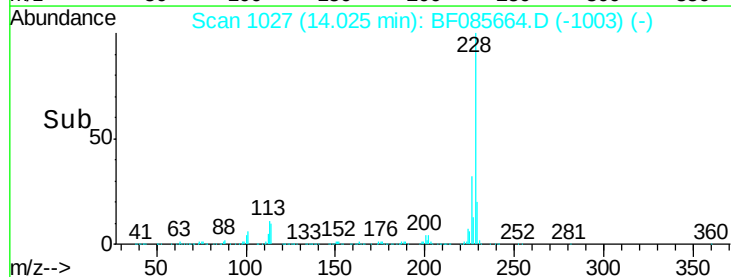
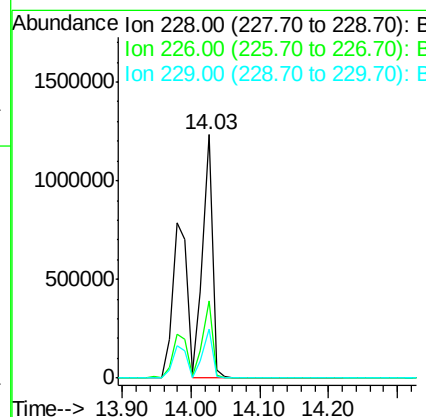
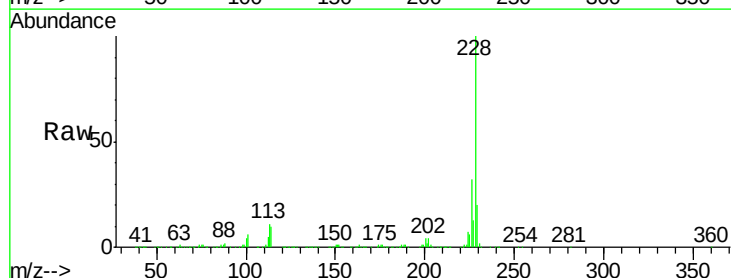
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

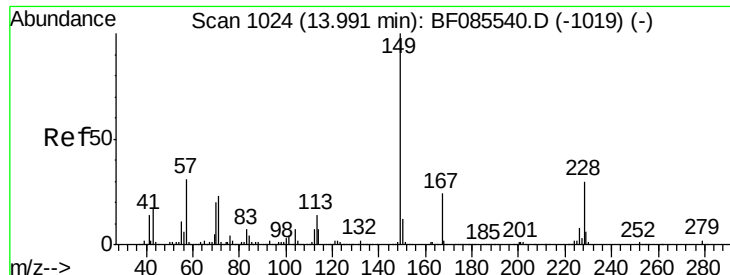
Tgt Ion:252 Resp: 417129
 Ion Ratio Lower Upper
 252 100
 254 63.9 50.7 76.1
 126 17.2 11.8 17.6



#82
 Chrysene
 Concen: 42.22 ng
 RT: 14.03 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

Tgt Ion:228 Resp: 1190716
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.0 37.6
 229 20.3 15.7 23.5

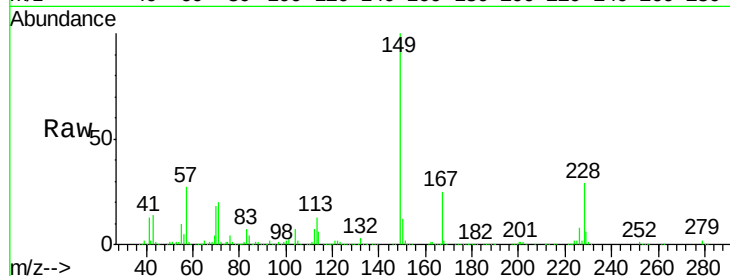




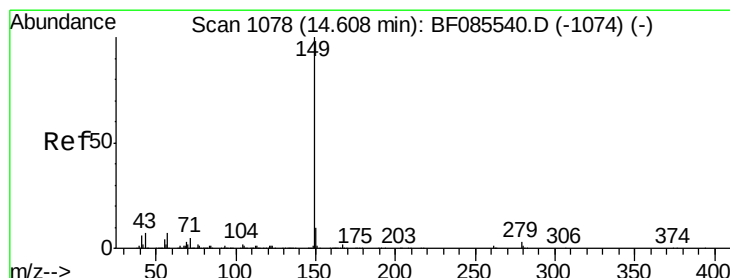
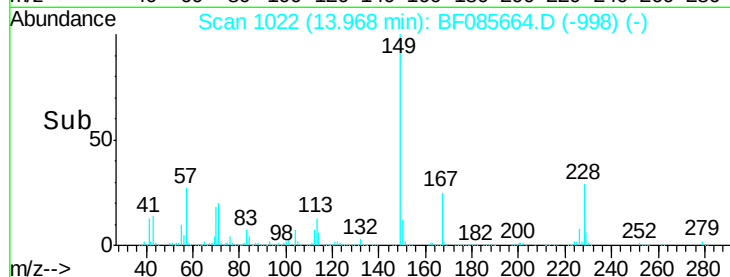
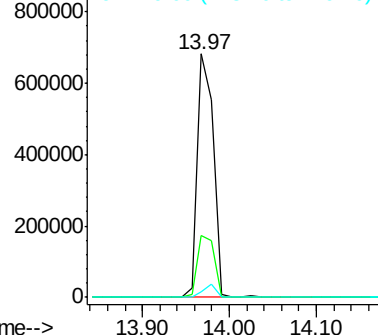
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.92 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:149 Resp: 878548
 Ion Ratio Lower Upper
 149 100
 167 25.4 19.4 29.2
 279 2.2 1.5 2.3

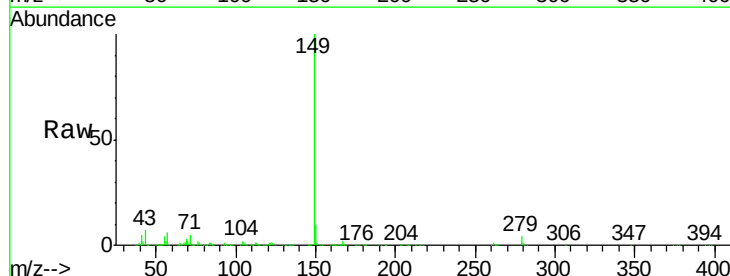


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

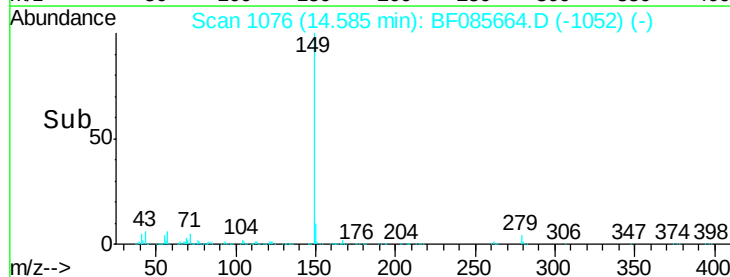
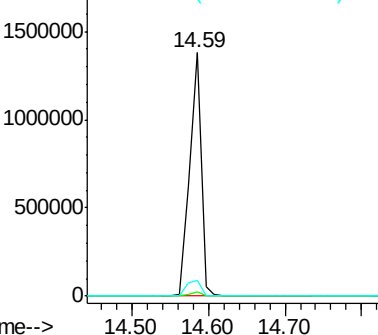


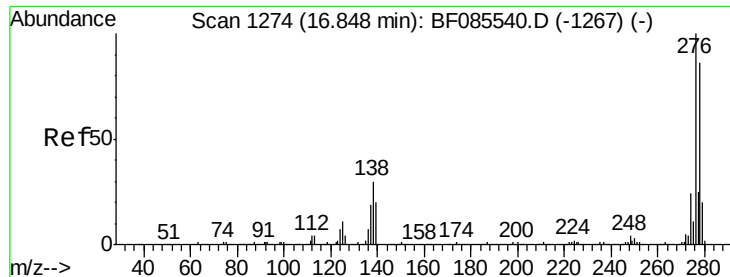
#84
 Di-n-octyl phthalate
 Concen: 40.86 ng
 RT: 14.59 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

Tgt Ion:149 Resp: 1429649
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.3 7.1 10.7



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

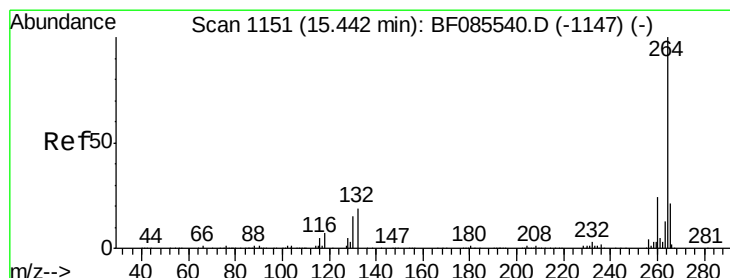
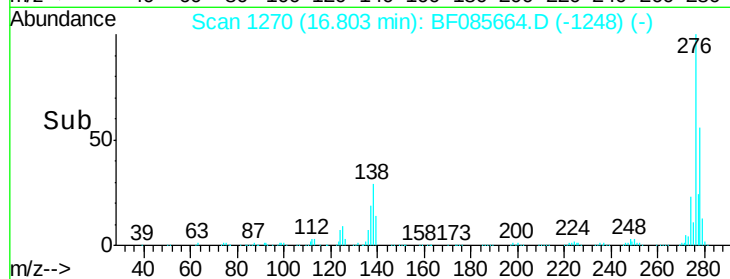
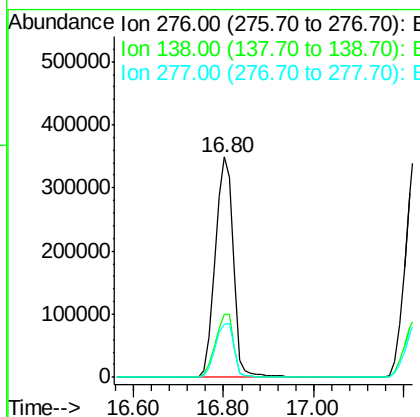
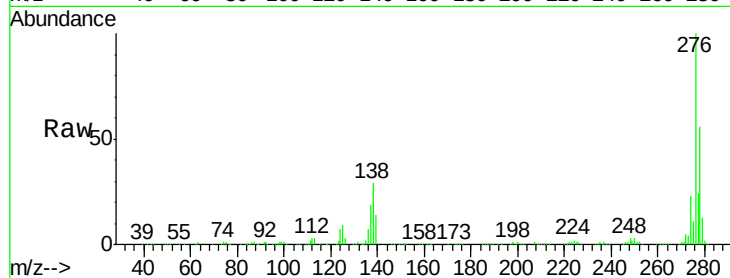




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.62 ng
 RT: 16.80 min Scan# 1270
 Delta R.T. -0.05 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

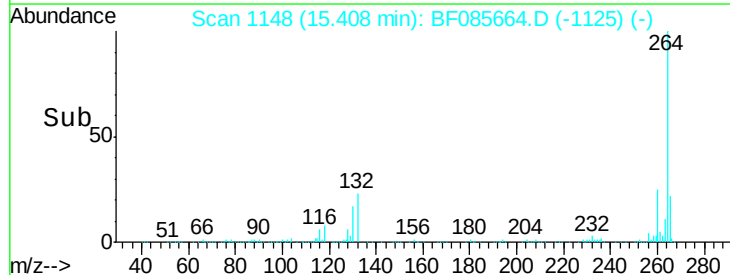
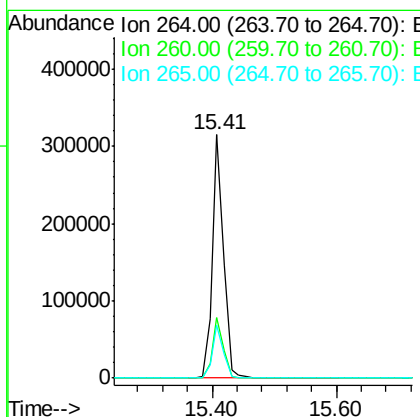
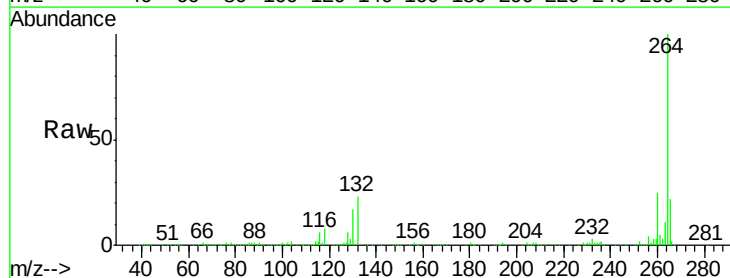
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

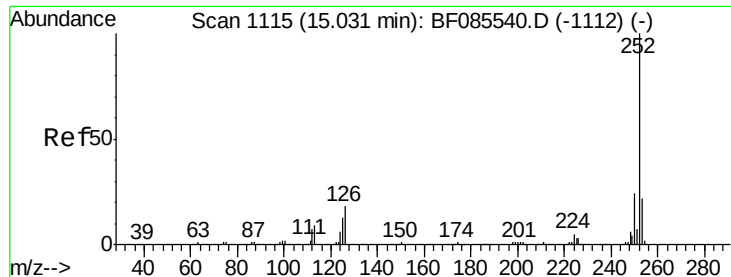
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.9	24.2	36.4
277	25.3	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1148
 Delta R.T. -0.03 min
 Lab File: BF085664.D
 Acq: 22 Mar 2016 17:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.6	17.2	25.8

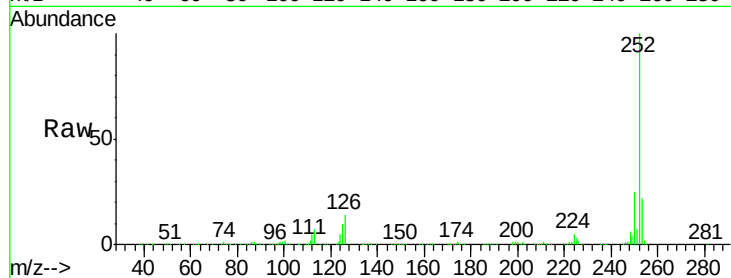




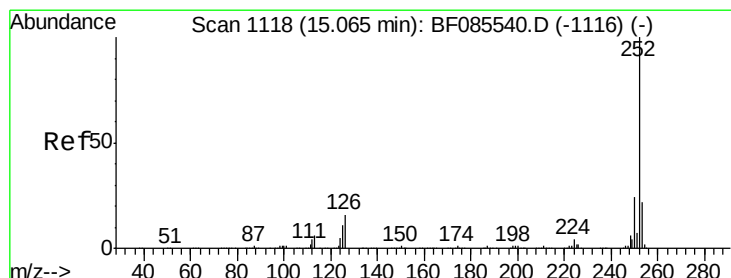
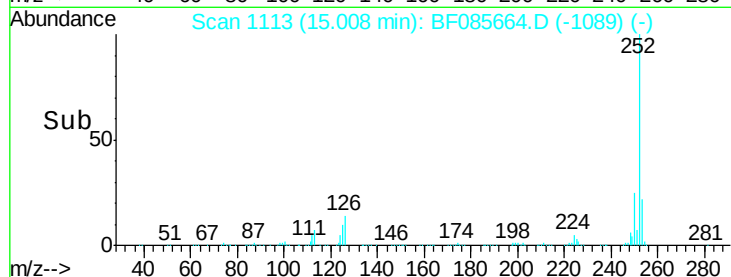
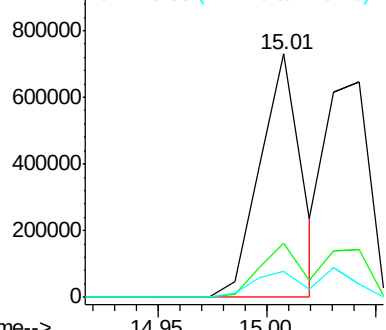
#87
Benzo(b)fluoranthene
Concen: 38.34 ng
RT: 15.01 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 252 Resp: 965253
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 10.5 10.3 15.5

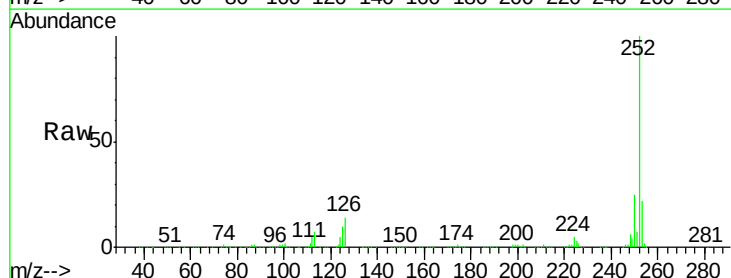


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

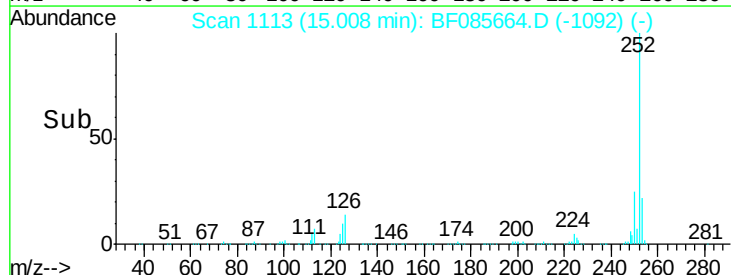
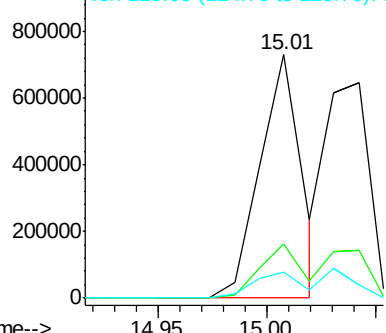


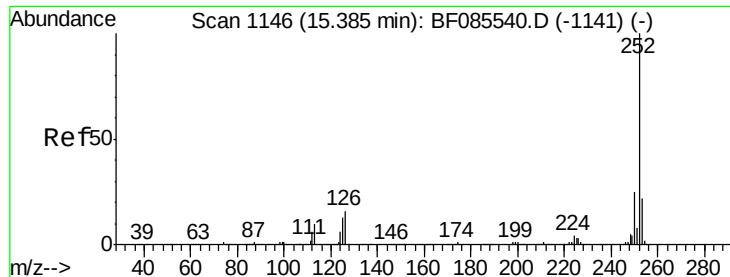
#88
Benzo(k)fluoranthene
Concen: 46.53 ng
RT: 15.01 min Scan# 1113
Delta R.T. -0.06 min
Lab File: BF085664.D
Acq: 22 Mar 2016 17:46

Tgt Ion: 252 Resp: 965253
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 10.5 7.7 11.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.39 ng

RT: 15.35 min Scan# 1143

Delta R.T. -0.03 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

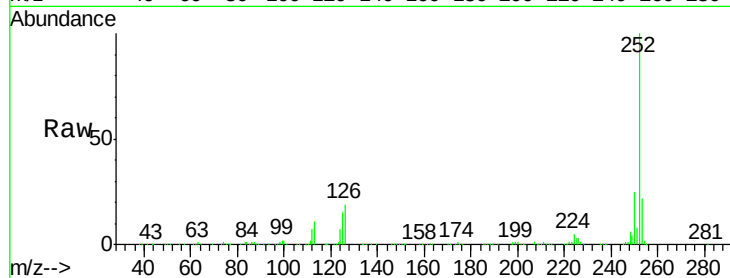
Tgt Ion:252 Resp: 862170

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

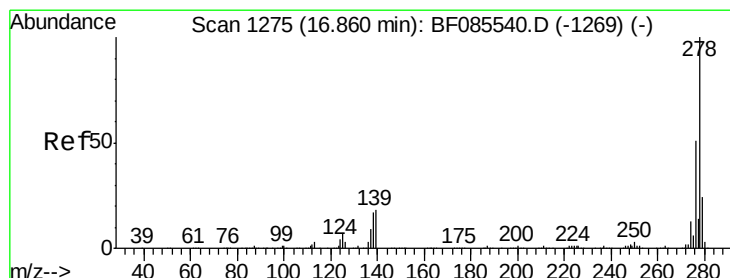
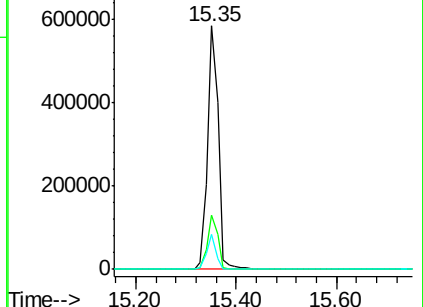
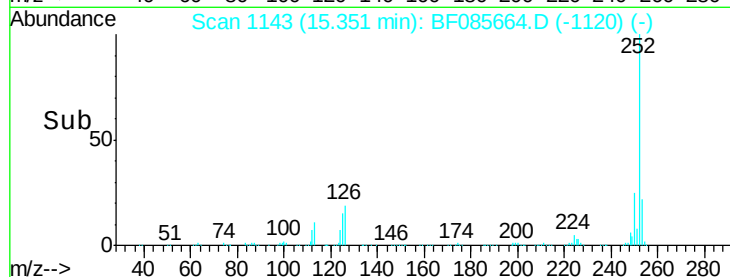
125 14.6 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.63 ng

RT: 16.81 min Scan# 1271

Delta R.T. -0.05 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

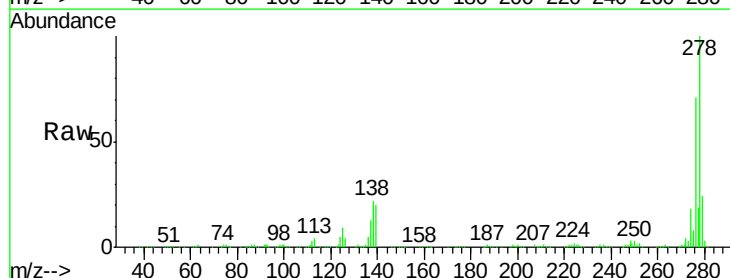
Tgt Ion:278 Resp: 812386

Ion Ratio Lower Upper

278 100

139 20.5 14.4 21.6

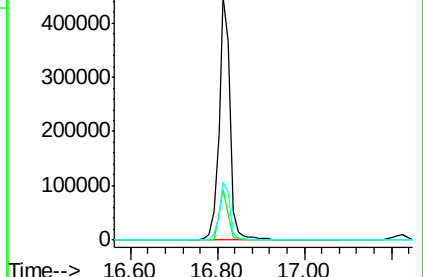
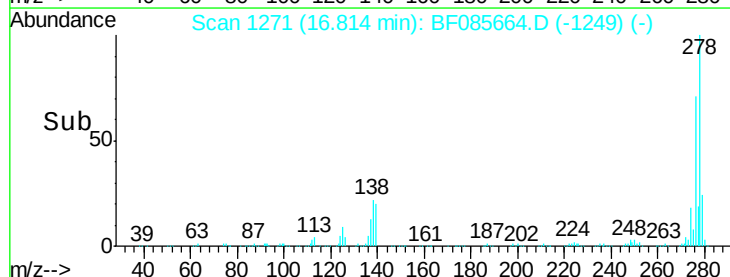
279 23.9 19.1 28.7

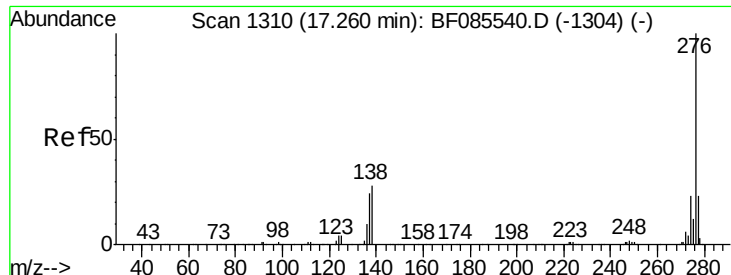


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 47.71 ng

RT: 17.23 min Scan# 1307

Delta R.T. -0.03 min

Lab File: BF085664.D

Acq: 22 Mar 2016 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

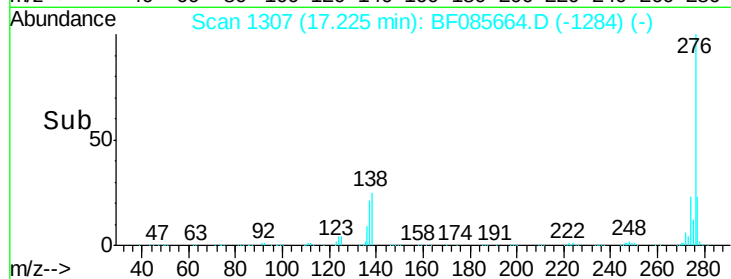
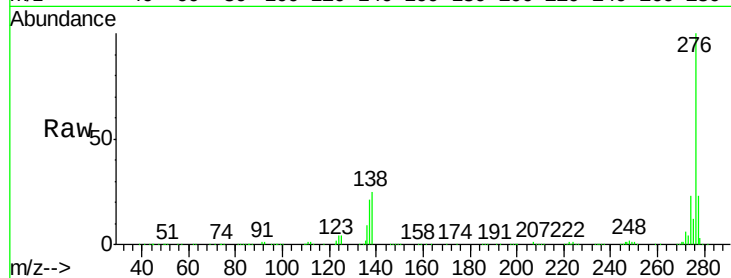
Tgt Ion: 276 Resp: 822088

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 24.8 22.6 34.0



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

