

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085274.D
 Acq On : 9 Mar 2016 00:00
 Operator : UM/SJ
 Sample : H1684-09MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MS

Quant Time: Mar 09 01:26:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	175860	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	690908	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	290322	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	536558	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	364105	20.00	ng	-0.02
86) Perylene-d12	15.59	264	286013	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1305630	124.53	ng	0.01
7) Phenol-d6	6.60	99	1506359	109.67	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1248427	96.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	420264	169.18	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1832053	95.97	ng	-0.02
78) Terphenyl-d14	13.08	244	1679792	107.10	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.87	88	210519	39.27	ng	# 85
3) Pyridine	3.58	79	419597	31.27	ng	99
4) n-Nitrosodimethylamine	3.52	42	251368	43.77	ng	97
6) Aniline	6.63	93	182441	9.48	ng	96
8) 2-Chlorophenol	6.76	128	566451	44.88	ng	88
9) Benzaldehyde	6.52	77	63022	6.54	ng	88
10) Phenol	6.61	94	661565	44.97	ng	94
11) bis(2-Chloroethyl)ether	6.70	93	536095	43.87	ng	96
12) 1,3-Dichlorobenzene	6.98	146	617282	45.55	ng	99
13) 1,4-Dichlorobenzene	6.98	146	617282	45.45	ng	93
14) 1,2-Dichlorobenzene	7.13	146	543624	44.12	ng	98
15) Benzyl Alcohol	7.11	79	496849	49.28	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	760920	43.20	ng	99
17) 2-Methylphenol	7.21	107	465313	45.18	ng	97
18) Hexachloroethane	7.48	117	218034	43.52	ng	93
19) n-Nitroso-di-n-propylamine	7.38	70	418565	46.75	ng	98
20) 3+4-Methylphenols	7.36	107	548785	44.98	ng	92
22) Acetophenone	7.37	105	730349	43.31	ng	98
24) Nitrobenzene	7.54	77	569493	43.42	ng	99
25) Isophorone	7.78	82	1120529	46.83	ng	99
26) 2-Nitrophenol	7.86	139	334687	52.44	ng	# 87
27) 2,4-Dimethylphenol	7.90	122	569718	48.84	ng	95
28) bis(2-Chloroethoxy)methane	7.99	93	699200	52.47	ng	99
29) 2,4-Dichlorophenol	8.10	162	494477	52.56	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	496539	48.82	ng	99
31) Naphthalene	8.28	128	2632935	77.50	ng	99
32) Benzoic acid	8.01	122	342853	44.25	ng	96
33) 4-Chloroaniline	8.32	127	41703	3.03	ng	96
34) Hexachlorobutadiene	8.39	225	272331	51.46	ng	98
35) Caprolactam	8.69	113	84337	27.45	ng	95
36) 4-Chloro-3-methylphenol	8.80	107	527077	49.39	ng	92
37) 2-Methylnaphthalene	8.96	142	1116638	51.22	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	430160	51.81	ng	98
40) Hexachlorocyclopentadiene	9.12	237	489591	109.33	ng	97

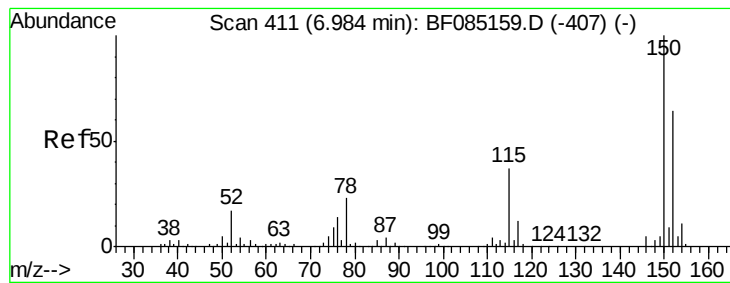
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	317251	51.33	ng	96
43) 2,4,5-Trichlorophenol	9.28	196	301437	51.44	ng	99
45) 1,1'-Biphenyl	9.43	154	1267734	51.11	ng	95
46) 2-Chloronaphthalene	9.45	162	955457	50.54	ng	96
47) 2-Nitroaniline	9.54	65	283383	48.37	ng	87
48) Acenaphthylene	9.86	152	1429000	48.56	ng	99
49) Dimethylphthalate	9.73	163	1048173	47.04	ng	99
50) 2,6-Dinitrotoluene	9.78	165	222094	46.59	ng	# 88
51) Acenaphthene	10.04	154	983860	55.07	ng	99
52) 3-Nitroaniline	9.96	138	52943	9.28	ng	94
53) 2,4-Dinitrophenol	10.06	184	248073	100.28	ng	# 55
54) Dibenzofuran	10.21	168	1263667	53.99	ng	98
55) 4-Nitrophenol	10.12	139	376026	83.89	ng	84
56) 2,4-Dinitrotoluene	10.20	165	354239	58.06	ng	# 75
57) Fluorene	10.55	166	922868	50.19	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	232132	56.39	ng	96
59) Diethylphthalate	10.42	149	1031501	47.70	ng	96
60) 4-Chlorophenyl-phenylether	10.54	204	453408	50.68	ng	91
61) 4-Nitroaniline	10.57	138	226734	42.50	ng	88
62) Azobenzene	10.70	77	1107402	51.98	ng	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	160316	49.90	ng	# 66
65) n-Nitrosodiphenylamine	10.66	169	817617	48.99	ng	99
66) 4-Bromophenyl-phenylether	11.03	248	269668	51.76	ng	# 87
67) Hexachlorobenzene	11.10	284	279164	50.23	ng	# 81
68) Atrazine	11.19	200	199452	42.97	ng	93
69) Pentachlorophenol	11.29	266	341045	110.54	ng	99
70) Phenanthrene	11.51	178	1452452	51.65	ng	99
71) Anthracene	11.57	178	1475112	49.42	ng	99
72) Carbazole	11.72	167	1086939	41.52	ng	99
73) Di-n-butylphthalate	12.05	149	1581219	47.79	ng	99
74) Fluoranthene	12.70	202	1322075	46.85	ng	97
76) Benzidine	12.83	184	72665	6.71	ng	99
77) Pyrene	12.93	202	1329833	48.53	ng	100
79) Butylbenzylphthalate	13.55	149	685607	55.14	ng	# 78
80) Benzo(a)anthracene	14.12	228	1050766	48.21	ng	99
81) 3,3'-Dichlorobenzidine	14.07	252	62848	9.14	ng	99
82) Chrysene	14.15	228	949380	47.15	ng	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	833069	50.91	ng	# 96
84) Di-n-octyl phthalate	14.71	149	1314861	52.76	ng	98
85) Indeno(1,2,3-cd)pyrene	17.07	276	1040728	66.23	ng	98
87) Benzo(b)fluoranthene	15.16	252	1021894	53.60	ng	100
88) Benzo(k)fluoranthene	15.16	252	1021894	66.46	ng	99
89) Benzo(a)pyrene	15.53	252	867151	54.89	ng	99
90) Dibenzo(a,h)anthracene	17.08	278	878656	65.16	ng	99
91) Benzo(g,h,i)perylene	17.51	276	878178	64.76	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-1MS

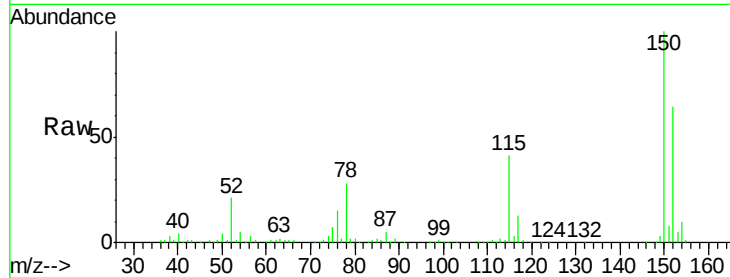
Tgt Ion:152 Resp: 175860

Ion Ratio Lower Upper

152 100

150 156.3 124.6 186.8

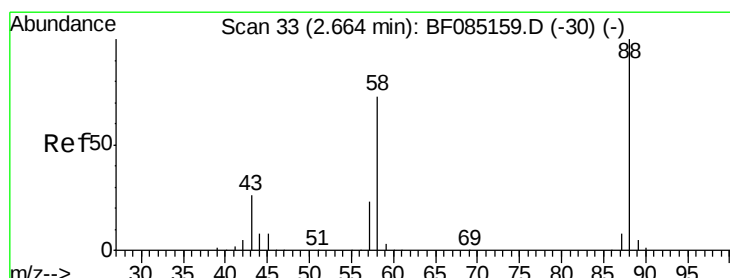
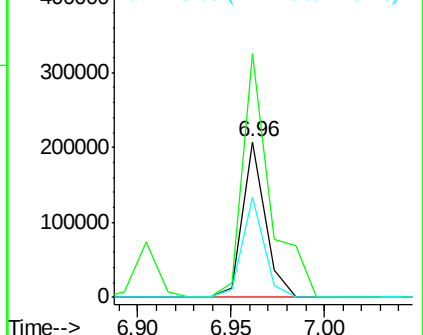
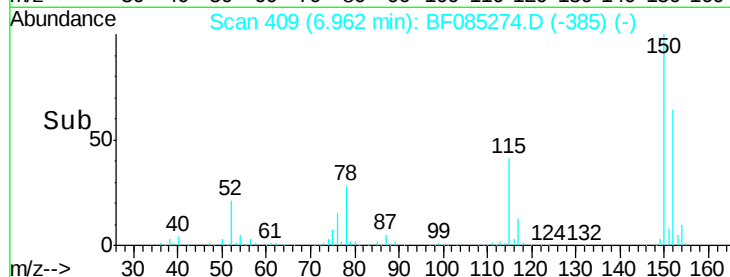
115 64.4 46.6 70.0



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: 39.27 ng

RT: 2.87 min Scan# 51

Delta R.T. 0.21 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

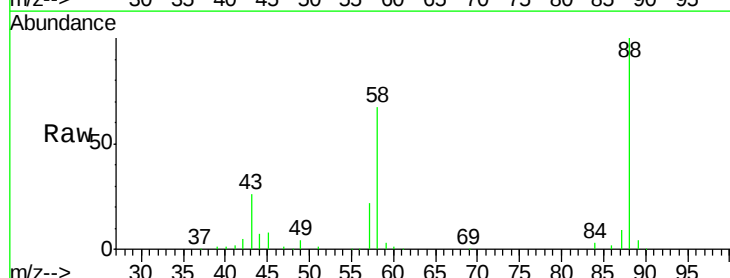
Tgt Ion: 88 Resp: 210519

Ion Ratio Lower Upper

88 100

58 69.5 57.0 85.6

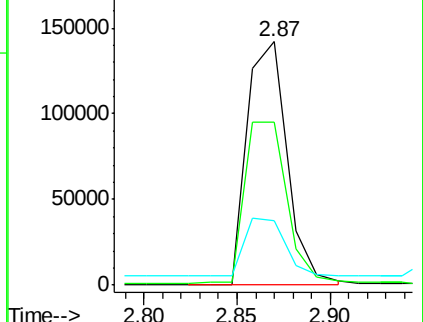
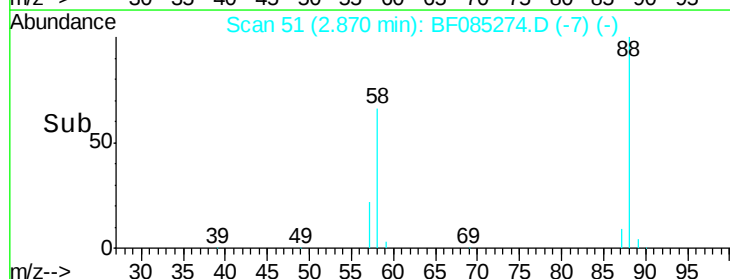
43 0.0 20.5 30.7#

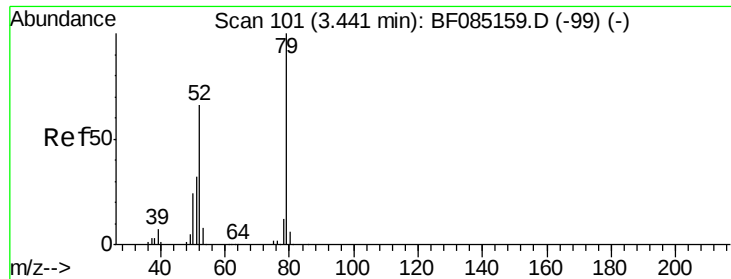


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.27 ng

RT: 3.58 min Scan# 113

Delta R.T. 0.14 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-1MS

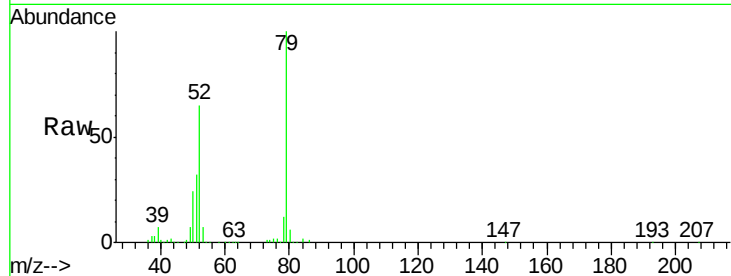
Tgt Ion: 79 Resp: 419597

Ion Ratio Lower Upper

79 100

52 65.2 52.6 79.0

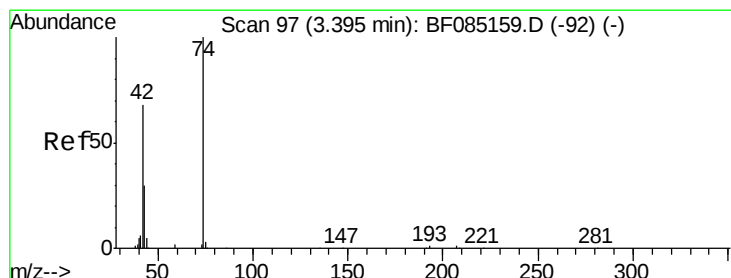
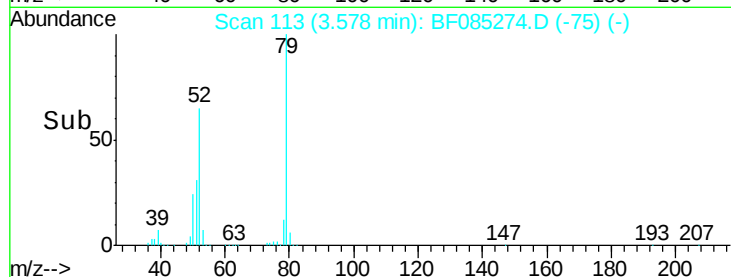
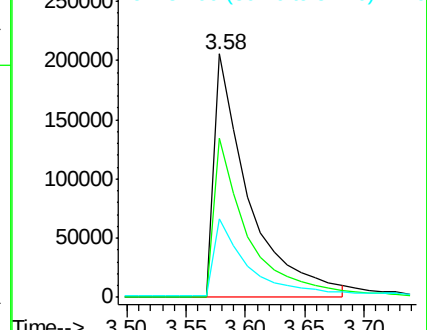
51 32.2 25.8 38.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 43.77 ng

RT: 3.52 min Scan# 108

Delta R.T. 0.13 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

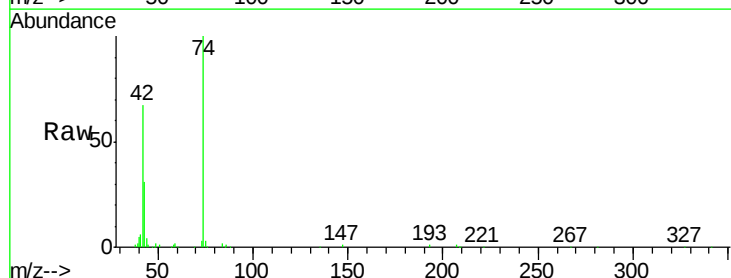
Tgt Ion: 42 Resp: 251368

Ion Ratio Lower Upper

42 100

74 150.2 116.8 175.2

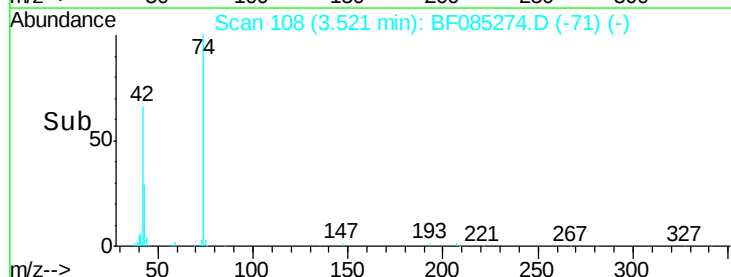
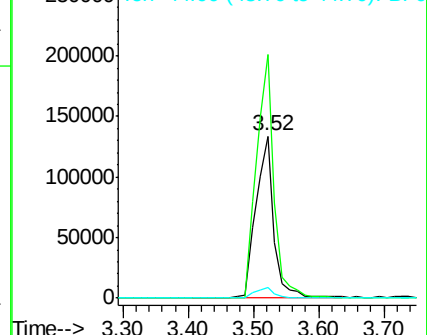
44 6.8 5.5 8.3

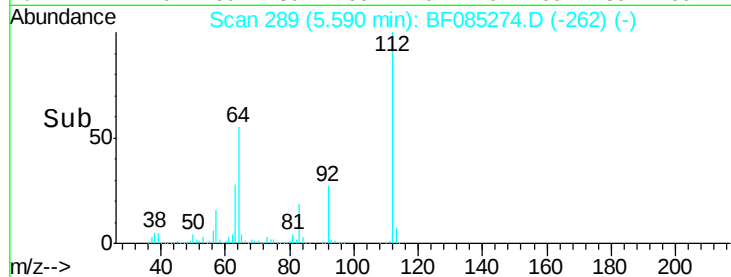
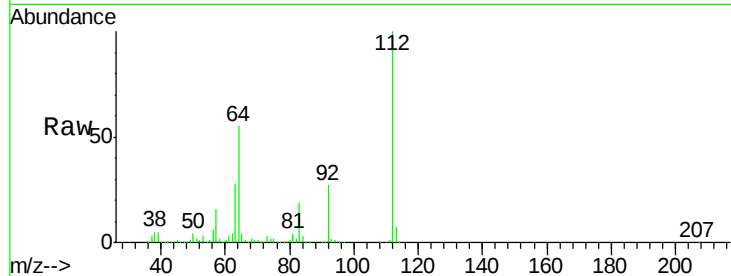
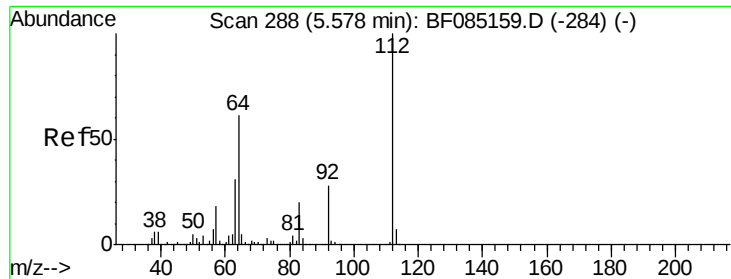


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 124.53 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-1MS

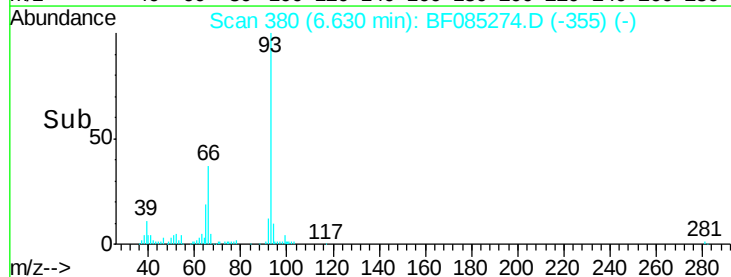
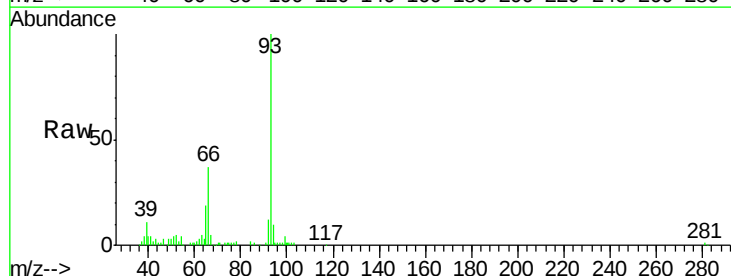
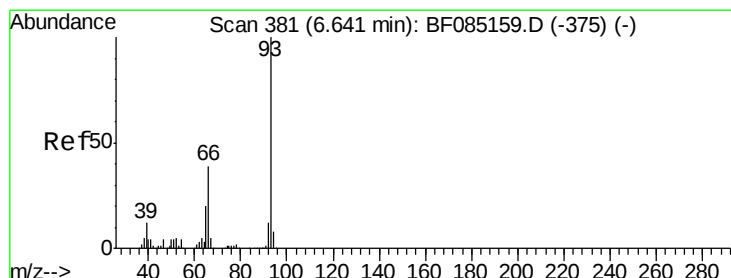
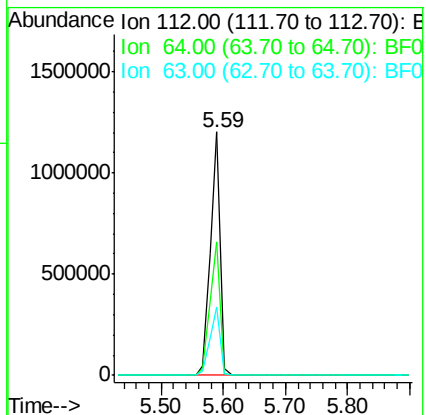
Tgt Ion:112 Resp: 1305630

Ion Ratio Lower Upper

112 100

64 54.7 49.0 73.4

63 27.9 24.8 37.2



#6

Aniline

Concen: 9.48 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

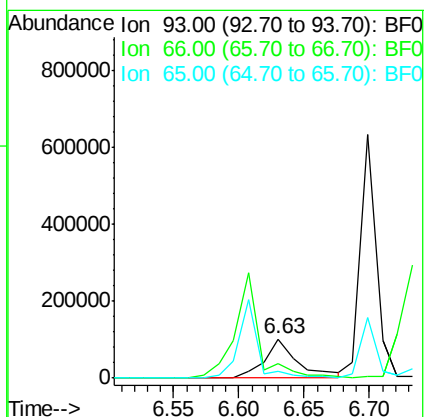
Tgt Ion: 93 Resp: 182441

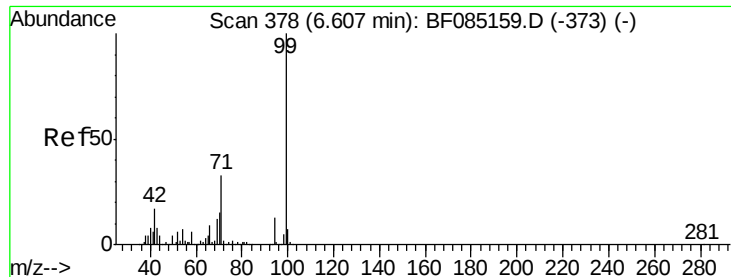
Ion Ratio Lower Upper

93 100

66 36.9 31.6 47.4

65 18.8 15.8 23.8





#7

Phenol-d6

Concen: 109.67 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

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BNA_F

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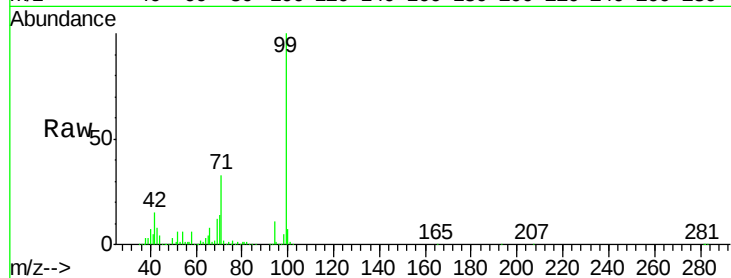
Tgt Ion: 99 Resp: 1506359

Ion Ratio Lower Upper

99 100

42 15.2 13.6 20.4

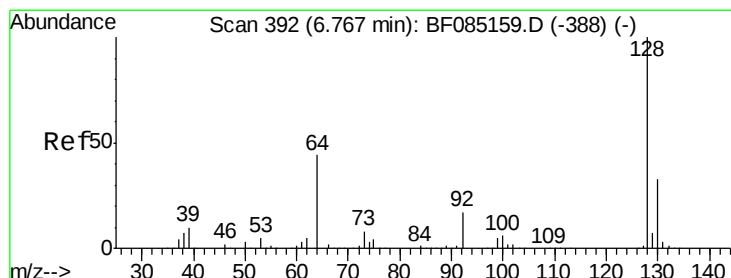
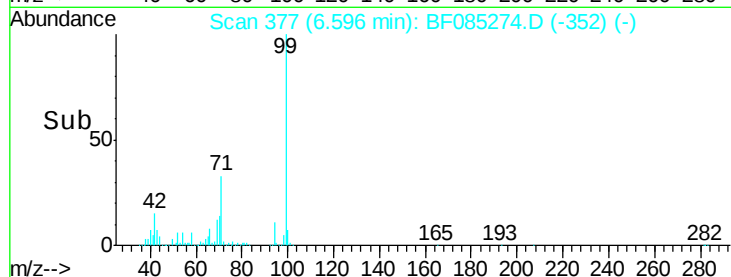
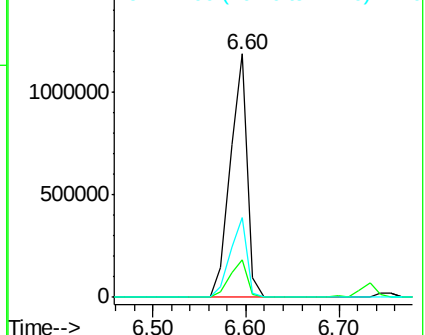
71 32.7 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.88 ng

RT: 6.76 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

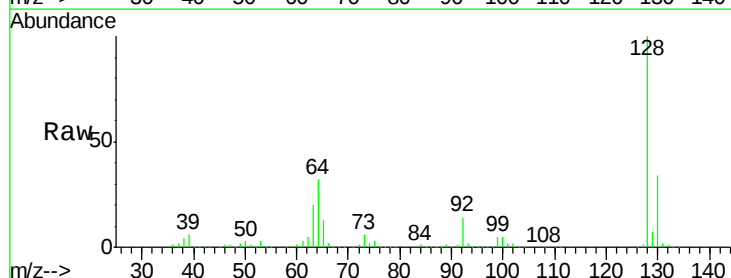
Tgt Ion: 128 Resp: 566451

Ion Ratio Lower Upper

128 100

130 33.7 13.3 53.3

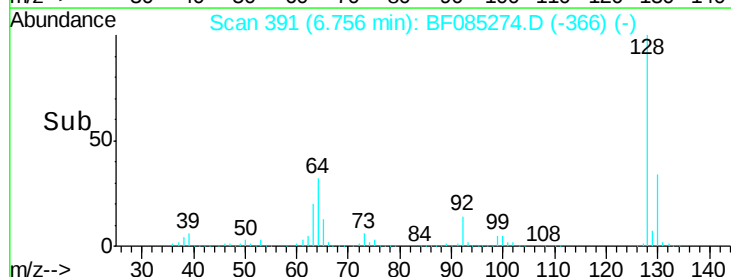
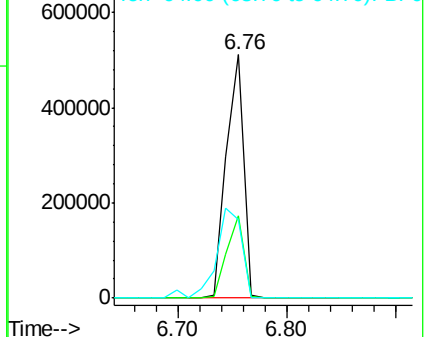
64 32.4 25.7 65.7

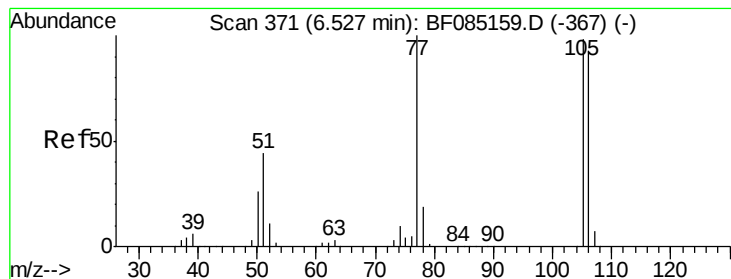


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.54 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF085274.D

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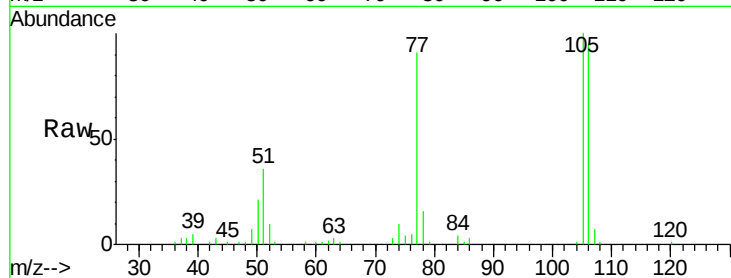
Tgt Ion: 77 Resp: 63022

Ion Ratio Lower Upper

77 100

105 109.6 78.2 118.2

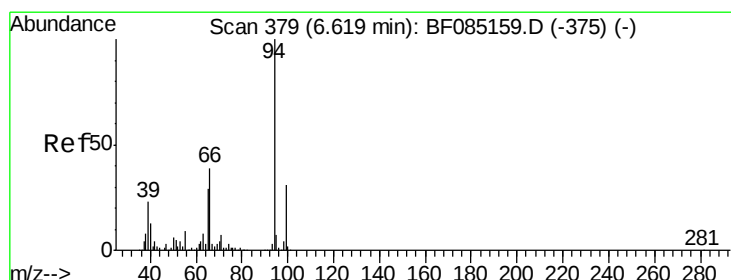
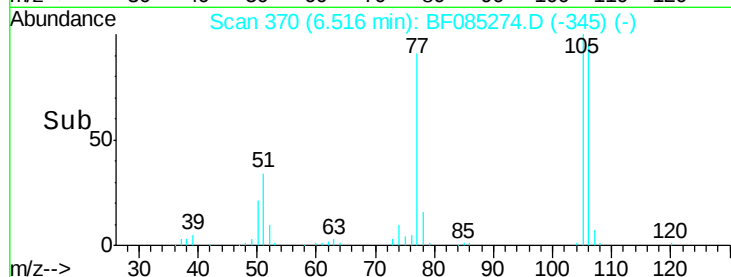
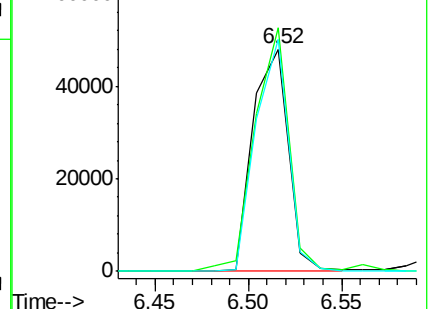
106 104.4 72.9 112.9



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: 44.97 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

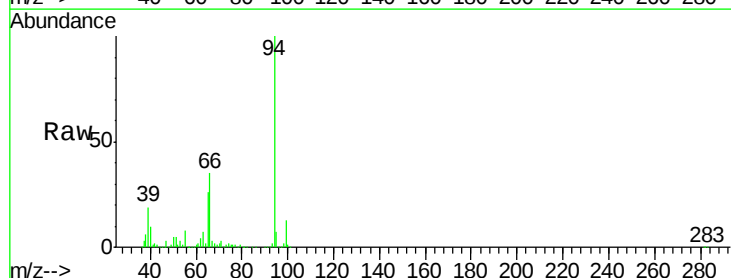
Tgt Ion: 94 Resp: 661565

Ion Ratio Lower Upper

94 100

65 26.3 9.1 49.1

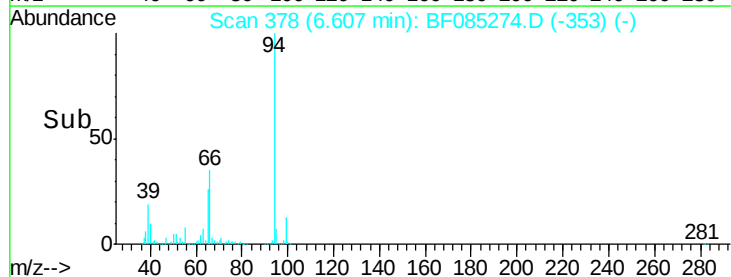
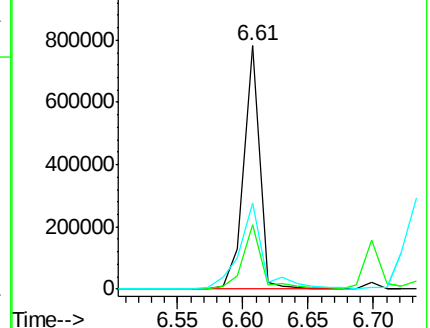
66 35.3 19.3 59.3

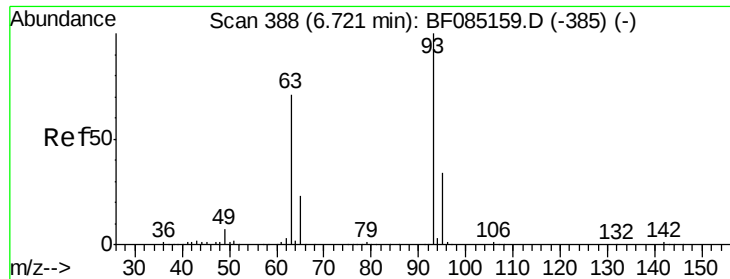


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

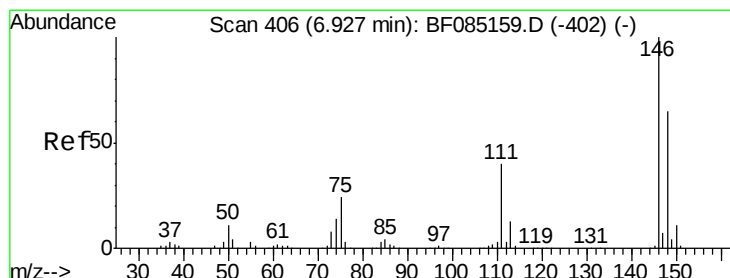
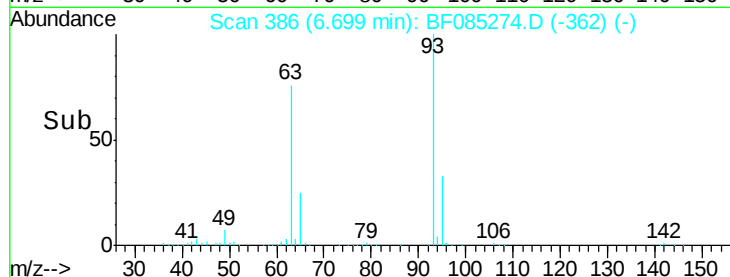
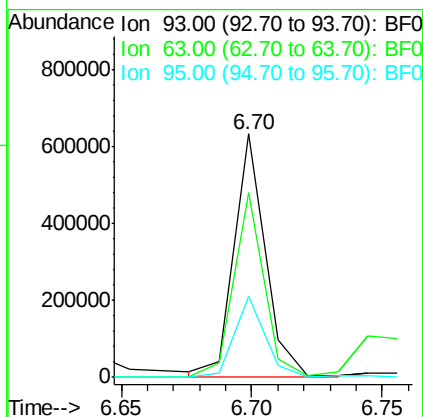
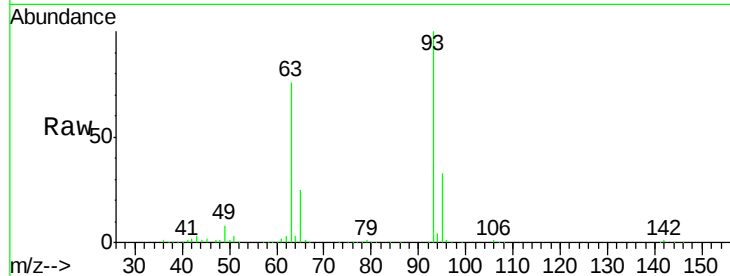




#11
 bis(2-Chloroethyl)ether
 Concen: 43.87 ng
 RT: 6.70 min Scan# 386
 Delta R.T. -0.02 min
 Lab File: BF085274.D
 Acq: 9 Mar 2016 00:00

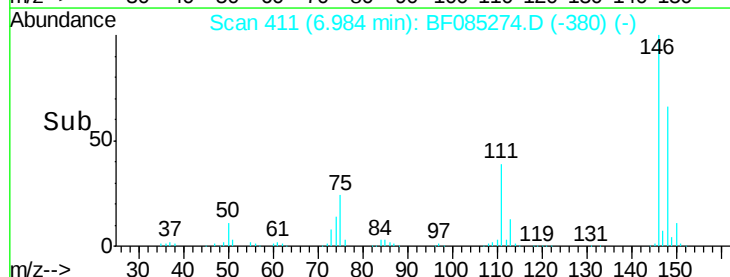
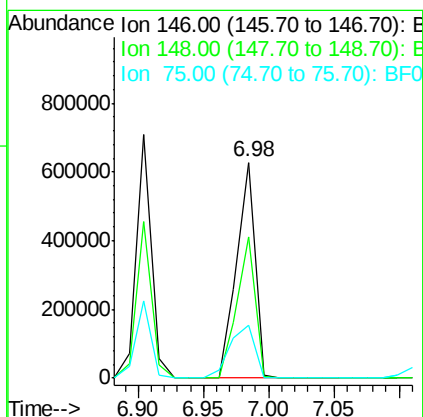
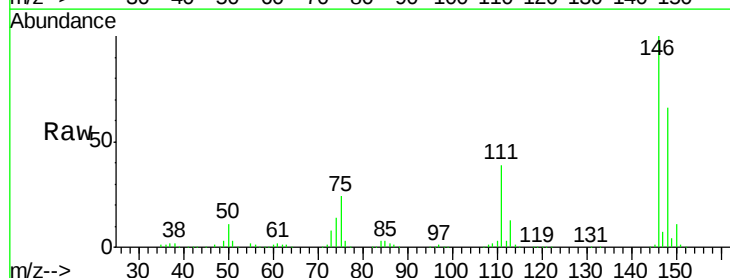
Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MS

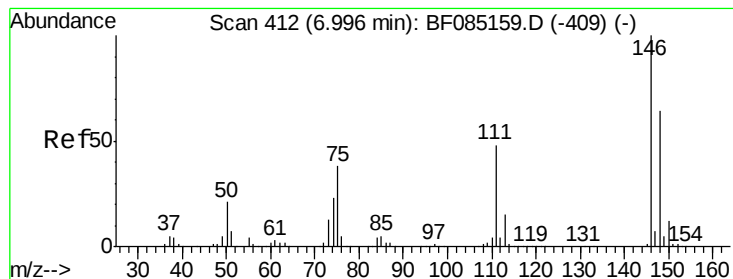
Tgt Ion: 93 Resp: 536095
 Ion Ratio Lower Upper
 93 100
 63 75.9 50.9 90.9
 95 33.3 13.7 53.7



#12
 1,3-Dichlorobenzene
 Concen: 45.55 ng
 RT: 6.98 min Scan# 411
 Delta R.T. 0.06 min
 Lab File: BF085274.D
 Acq: 9 Mar 2016 00:00

Tgt Ion: 146 Resp: 617282
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.1 78.1
 75 24.3 19.5 29.3





#13

1,4-Dichlorobenzene

Concen: 45.45 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-1MS

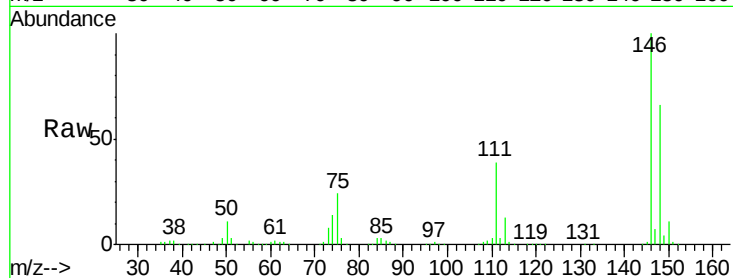
Tgt Ion:146 Resp: 617282

Ion Ratio Lower Upper

146 100

148 65.6 51.3 76.9

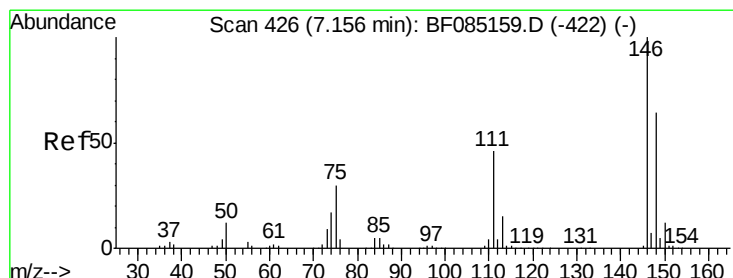
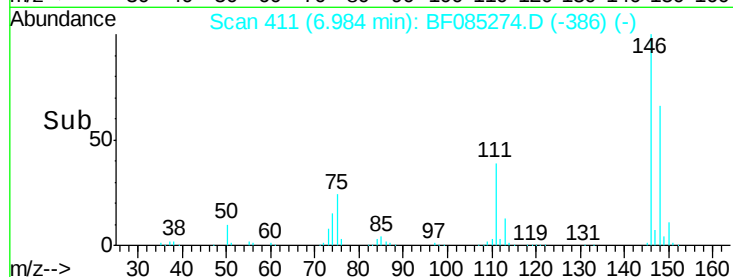
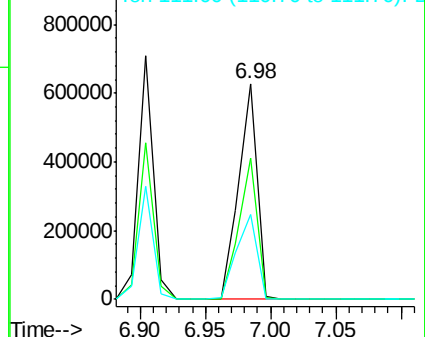
111 39.1 38.4 57.6



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: 44.12 ng

RT: 7.13 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

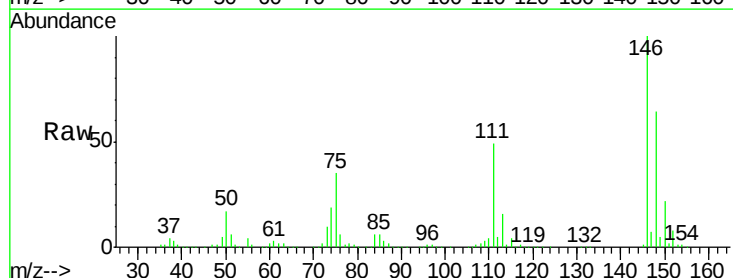
Tgt Ion:146 Resp: 543624

Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.2

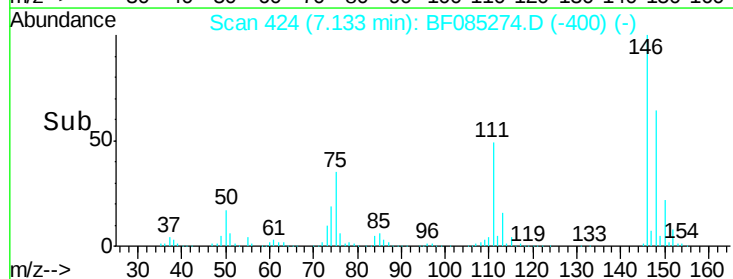
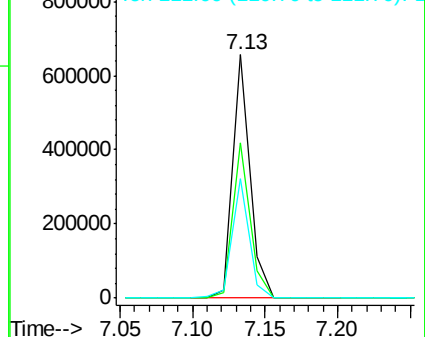
111 49.0 36.7 55.1

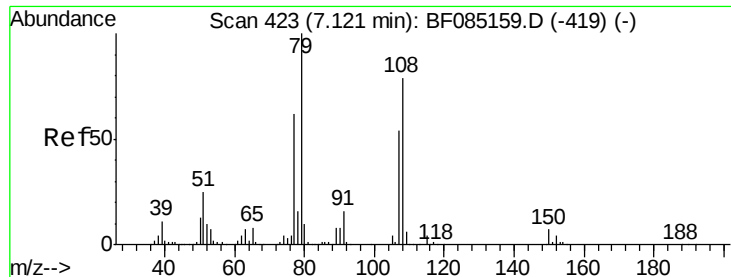


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.28 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-1MS

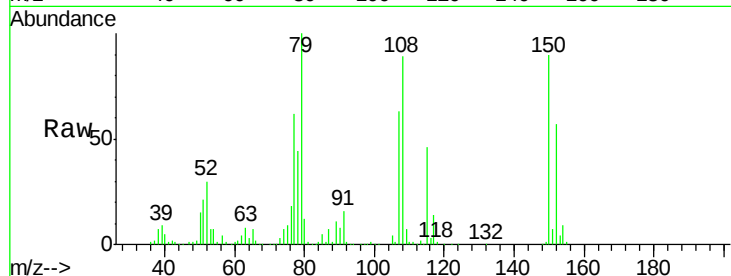
Tgt Ion: 79 Resp: 496849

Ion Ratio Lower Upper

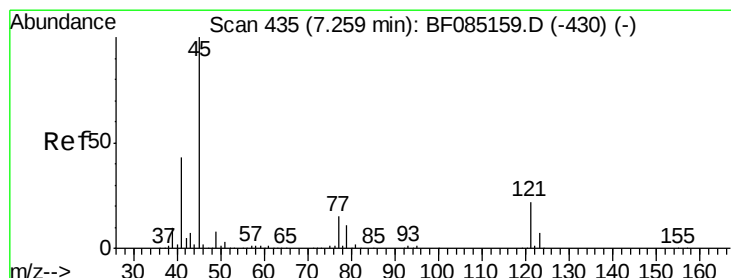
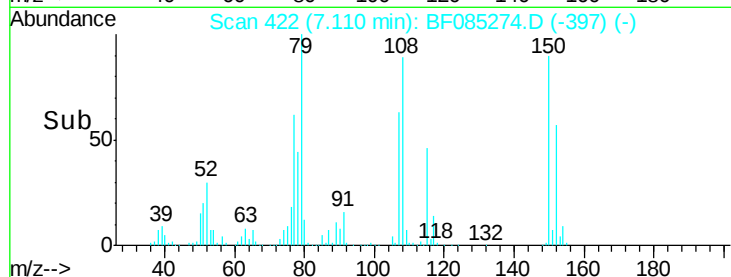
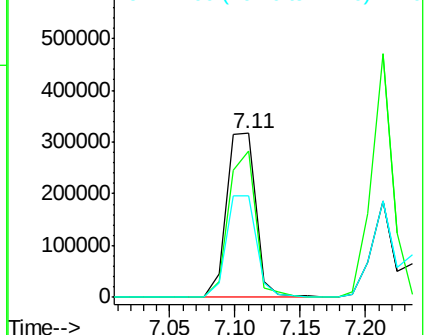
79 100

108 89.5 62.9 94.3

77 61.6 49.5 74.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.20 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

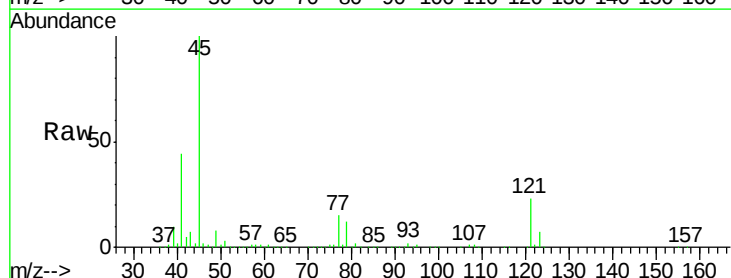
Tgt Ion: 45 Resp: 760920

Ion Ratio Lower Upper

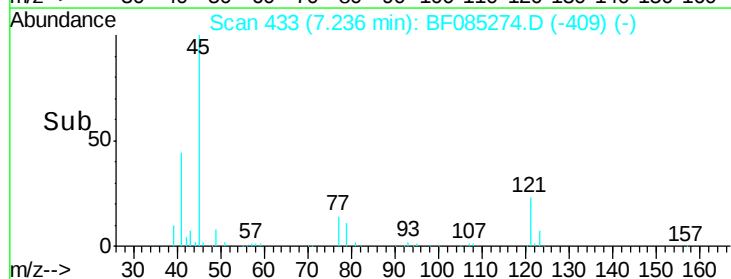
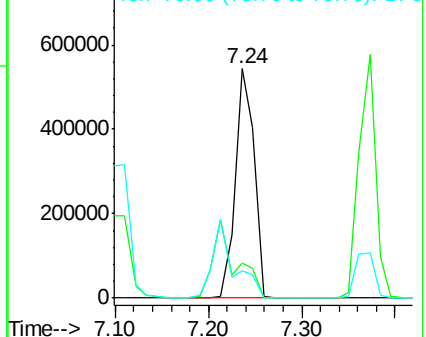
45 100

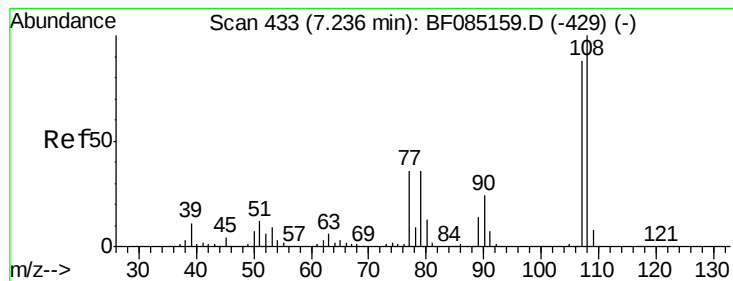
77 15.2 0.0 35.1

79 11.8 0.0 31.3



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





#17

2-Methylphenol

Concen: 45.18 ng

RT: 7.21 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-1MS

Tgt Ion:107 Resp: 465313

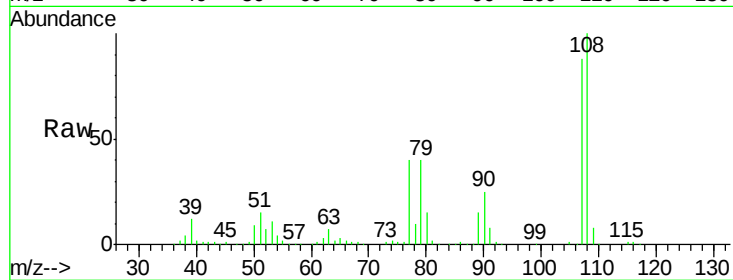
Ion Ratio Lower Upper

107 100

108 113.2 90.9 136.3

77 44.8 32.6 48.8

79 44.7 32.8 49.2

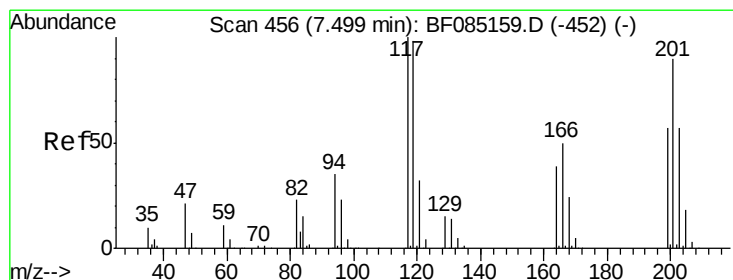
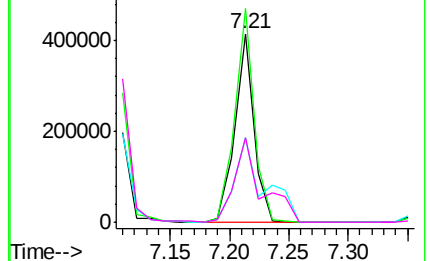
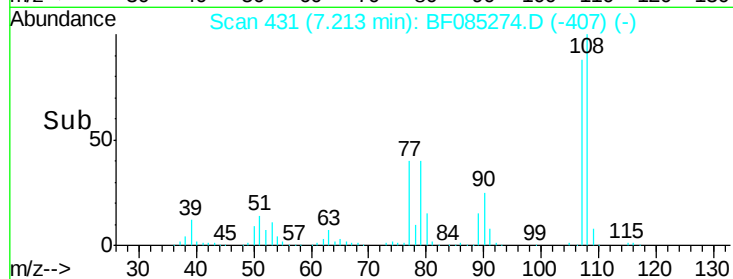


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 43.52 ng

RT: 7.48 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

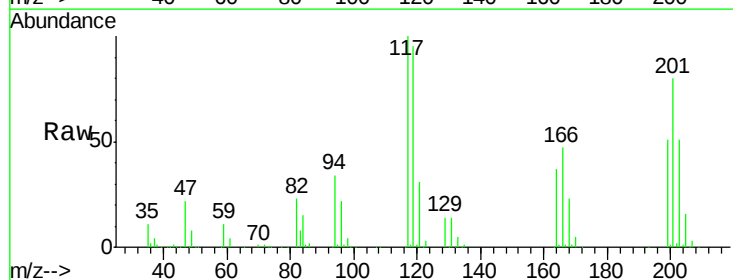
Tgt Ion:117 Resp: 218034

Ion Ratio Lower Upper

117 100

119 95.3 78.2 117.4

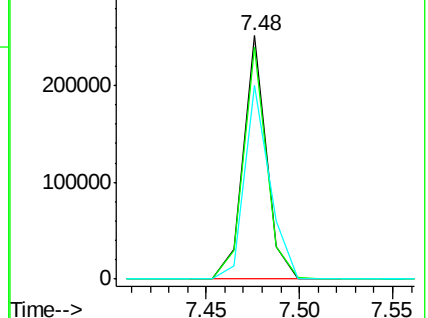
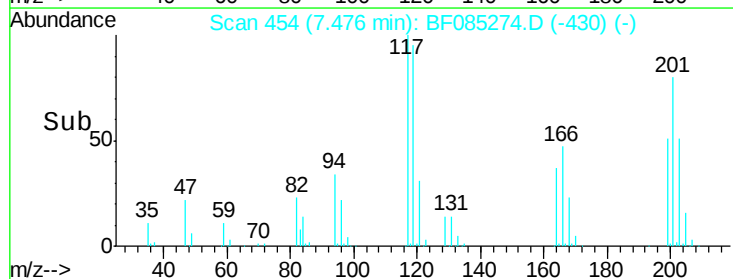
201 79.7 72.0 108.0

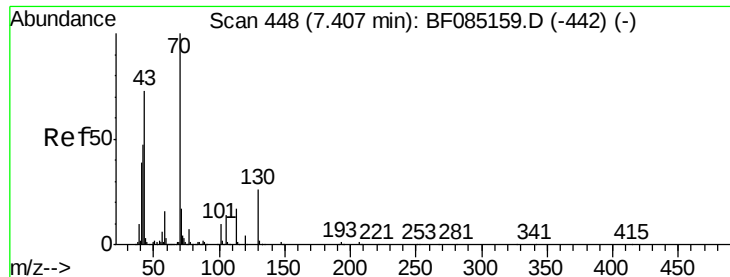


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

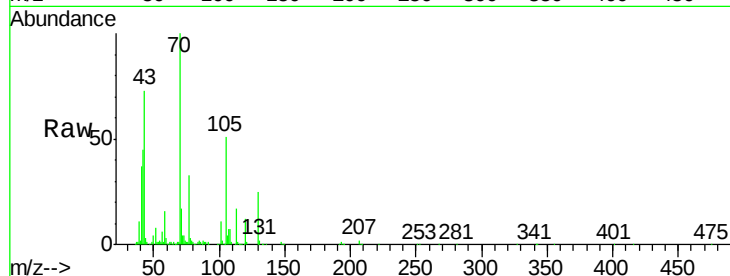




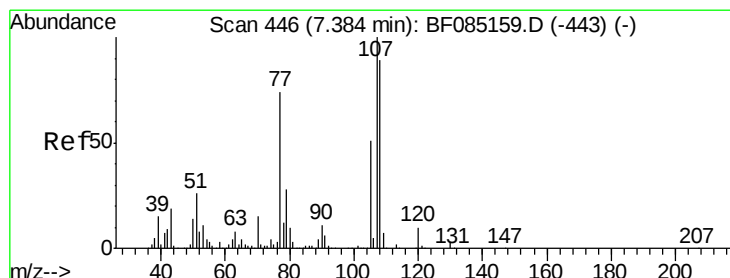
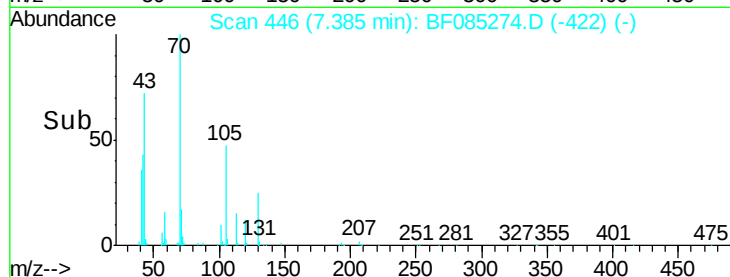
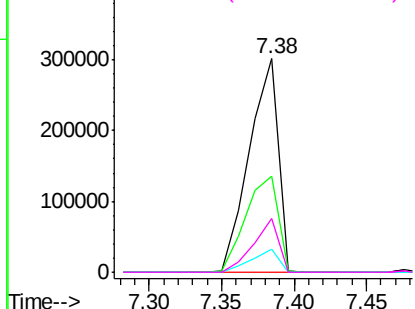
#19
n-Nitroso-di-n-propylamine
Concen: 46.75 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF085274.D
Acq: 9 Mar 2016 00:00

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1MS

Tgt Ion: 70 Resp: 418565
Ion Ratio Lower Upper
70 100
42 45.1 37.7 56.5
101 10.6 8.2 12.4
130 25.0 20.5 30.7

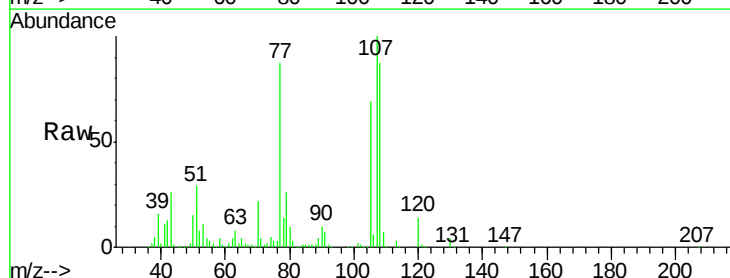


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

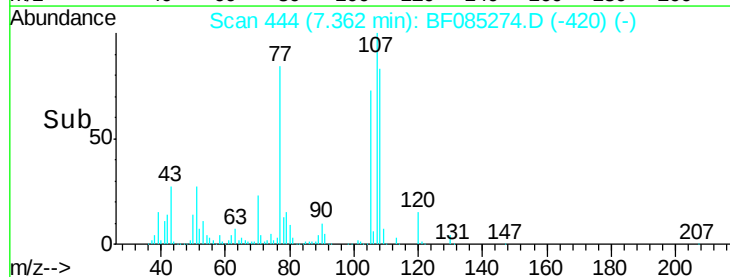
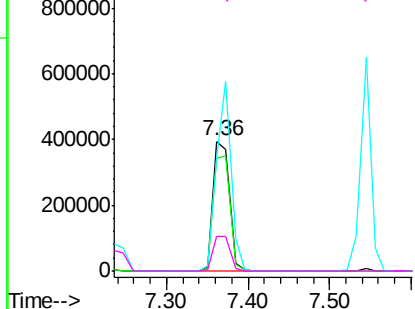


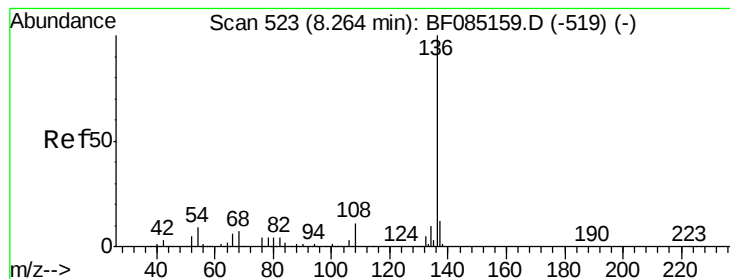
#20
3+4-Methylphenols
Concen: 44.98 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF085274.D
Acq: 9 Mar 2016 00:00

Tgt Ion: 107 Resp: 548785
Ion Ratio Lower Upper
107 100
108 86.7 68.8 108.8
77 86.9 53.6 93.6
79 26.2 8.0 48.0



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-1MS

Tgt Ion:136 Resp: 690908

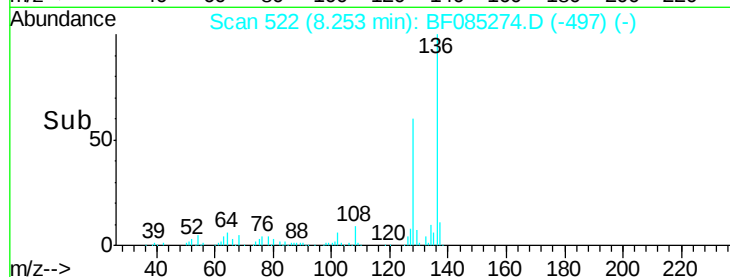
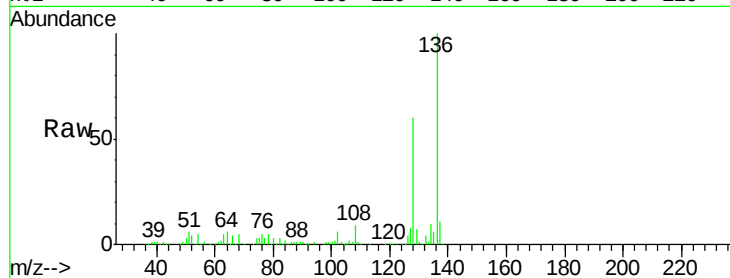
Ion Ratio Lower Upper

136 100

137 10.5 9.3 13.9

54 5.5 7.4 11.2#

68 4.7 6.0 9.0#

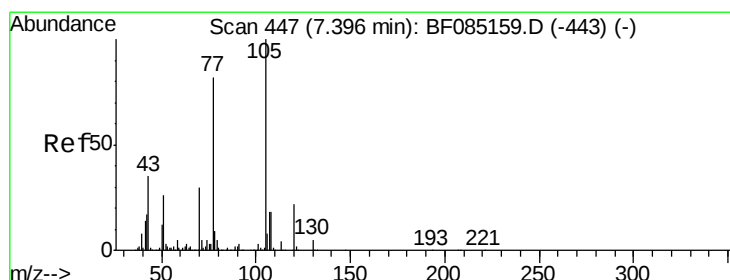
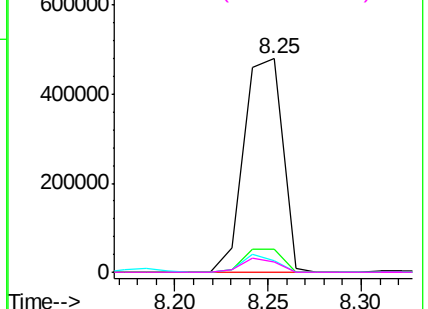


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.31 ng

RT: 7.37 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

Tgt Ion:105 Resp: 730349

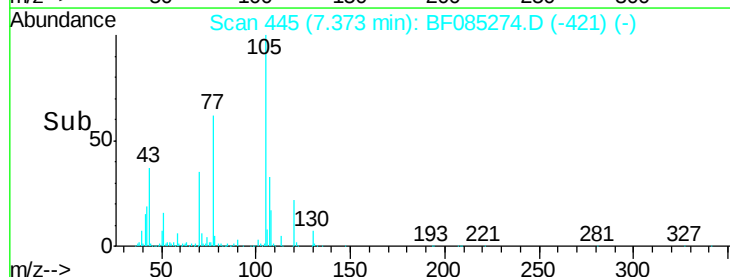
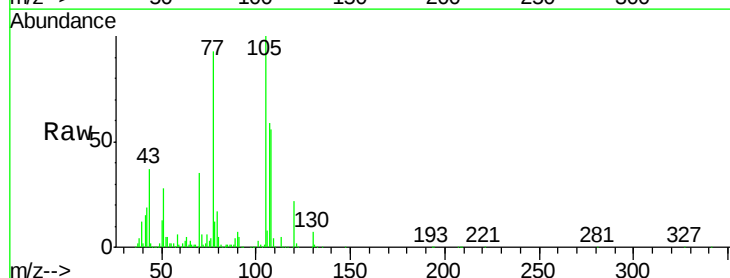
Ion Ratio Lower Upper

105 100

71 5.8 4.1 6.1

51 28.3 21.1 31.7

120 21.8 17.3 25.9

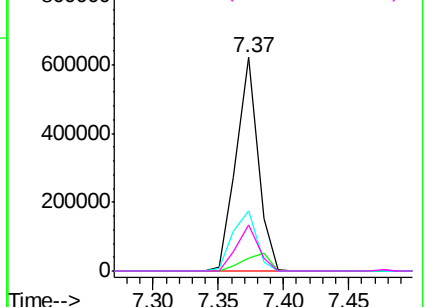


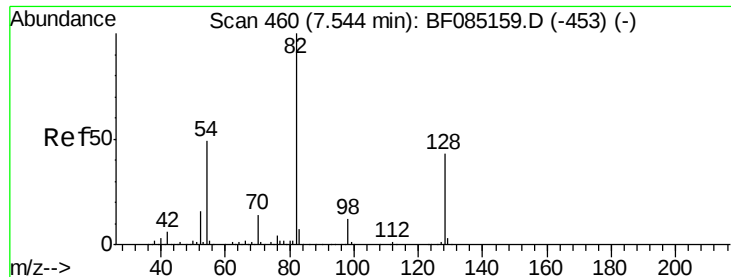
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

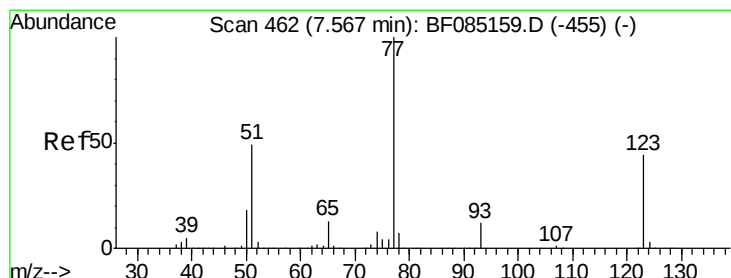
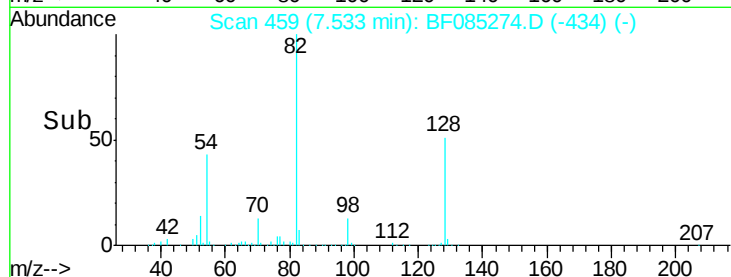
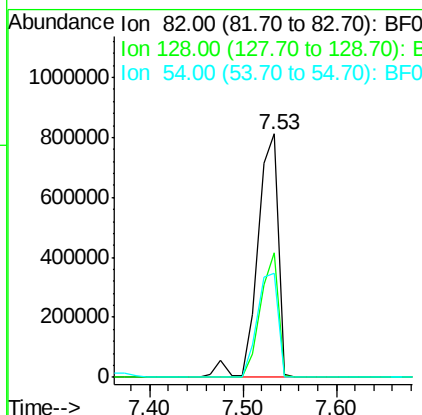
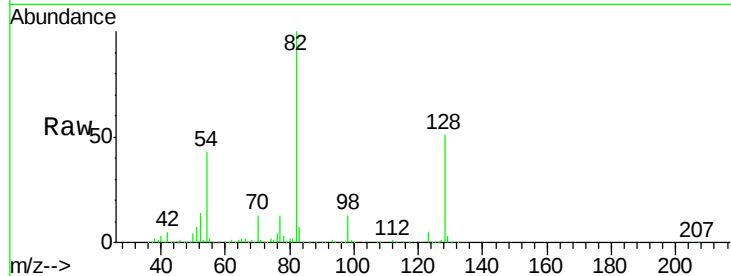




#23
 Nitrobenzene-d5
 Concen: 96.69 ng
 RT: 7.53 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF085274.D
 Acq: 9 Mar 2016 00:00

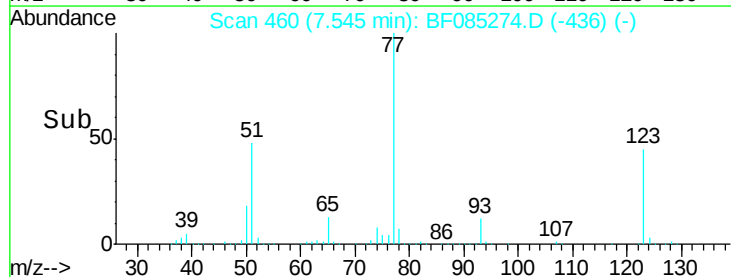
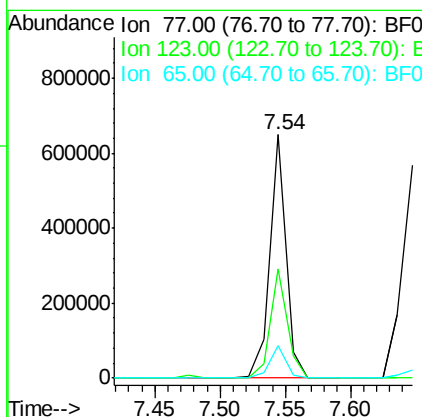
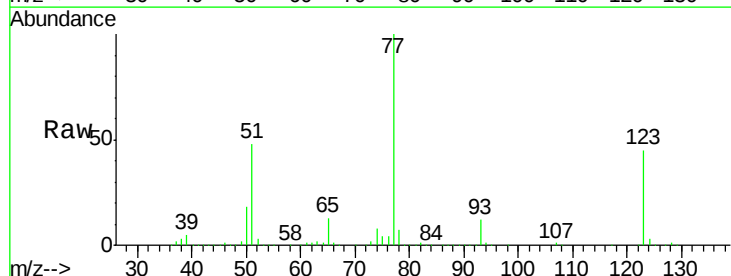
Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MS

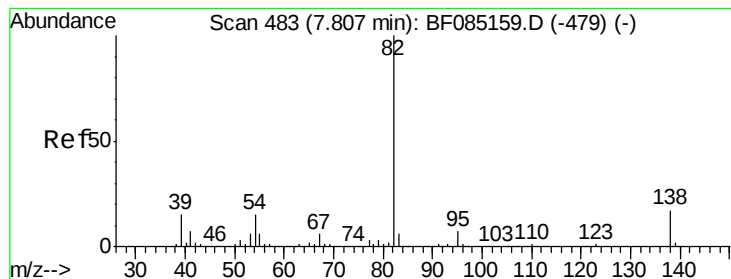
Tgt Ion: 82 Resp: 1248427
 Ion Ratio Lower Upper
 82 100
 128 51.1 34.5 51.7
 54 42.9 39.3 58.9



#24
 Nitrobenzene
 Concen: 43.42 ng
 RT: 7.54 min Scan# 460
 Delta R.T. -0.02 min
 Lab File: BF085274.D
 Acq: 9 Mar 2016 00:00

Tgt Ion: 77 Resp: 569493
 Ion Ratio Lower Upper
 77 100
 123 44.8 35.4 53.2
 65 13.4 10.6 16.0





#25

Isophorone

Concen: 46.83 ng

RT: 7.78 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-1MS

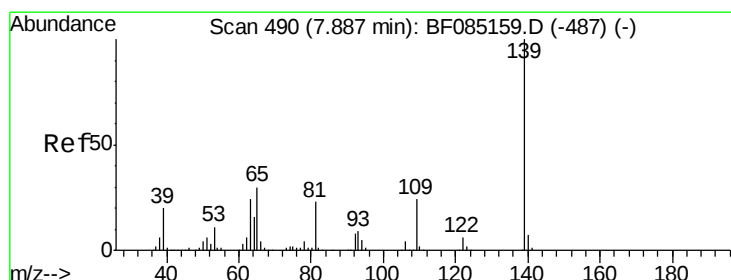
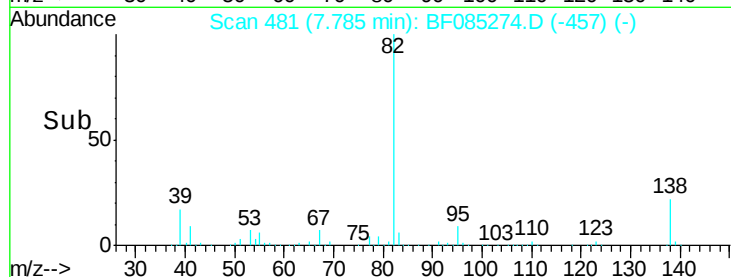
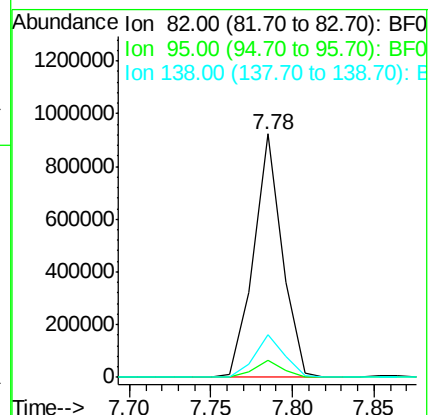
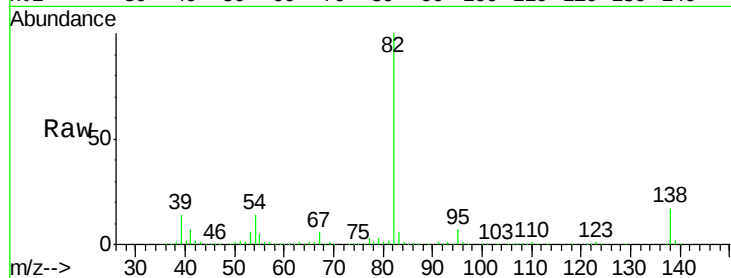
Tgt Ion: 82 Resp: 1120529

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 17.3 13.3 19.9



#26

2-Nitrophenol

Concen: 52.44 ng

RT: 7.86 min Scan# 488

Delta R.T. -0.02 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

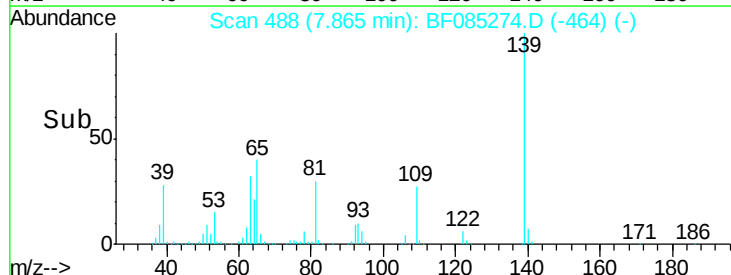
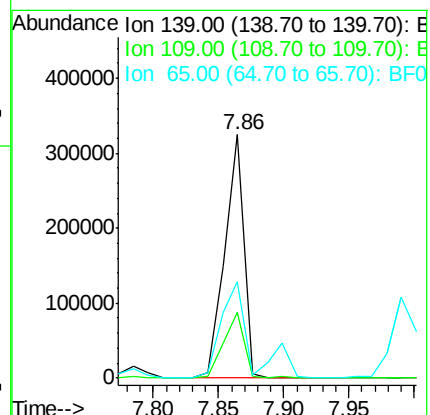
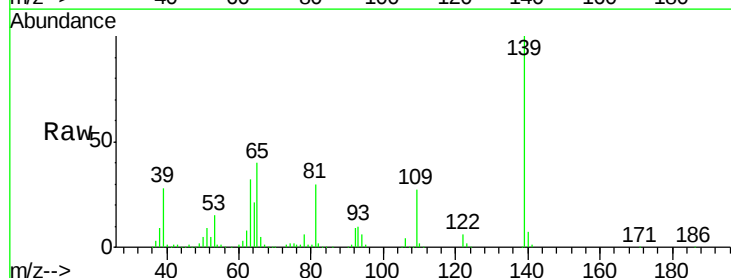
Tgt Ion: 139 Resp: 334687

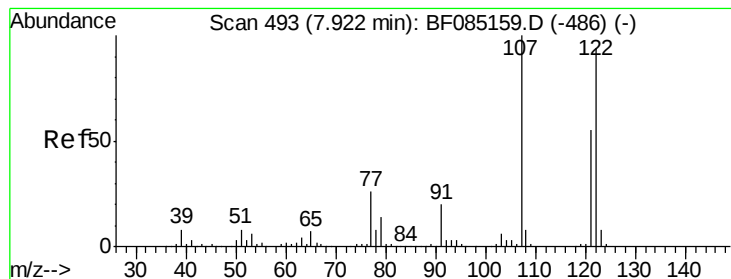
Ion Ratio Lower Upper

139 100

109 27.1 19.1 28.7

65 39.9 23.9 35.9#

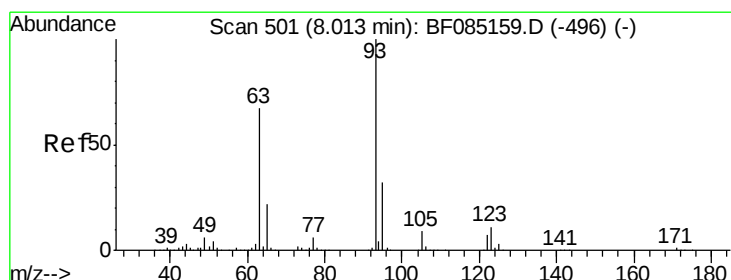
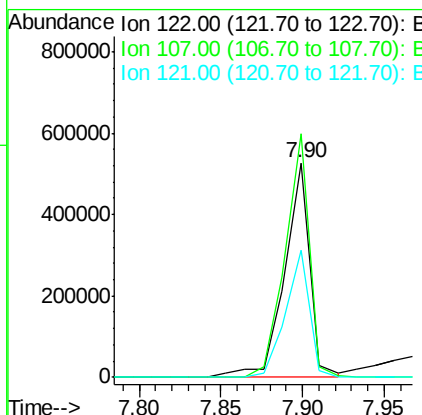
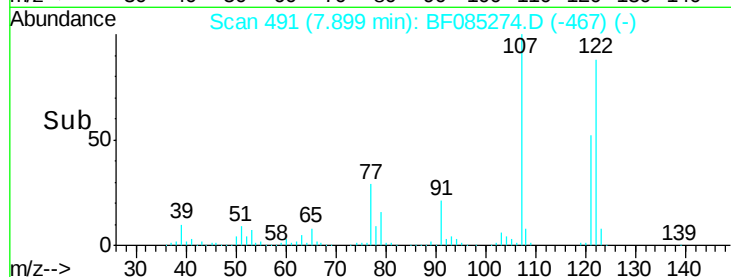
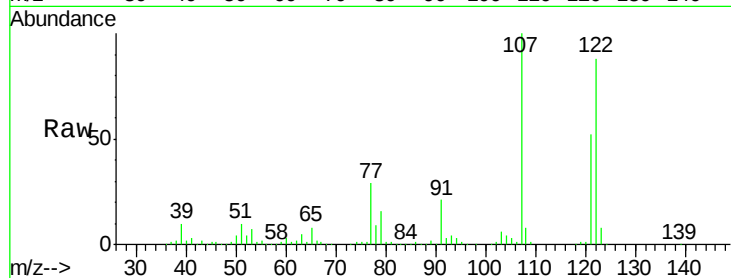




#27
 2,4-Dimethylphenol
 Concen: 48.84 ng
 RT: 7.90 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF085274.D
 Acq: 9 Mar 2016 00:00

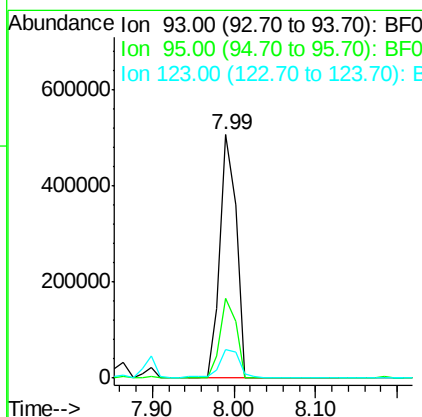
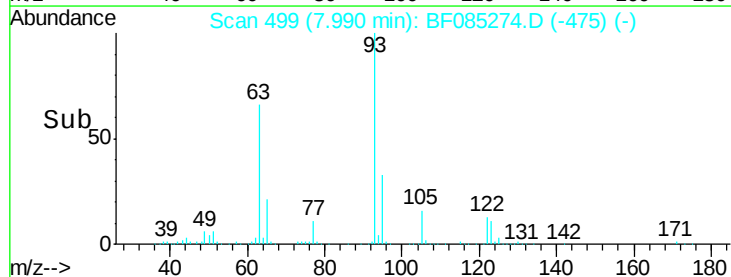
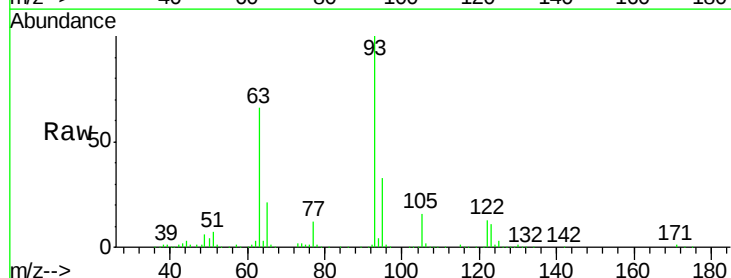
Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MS

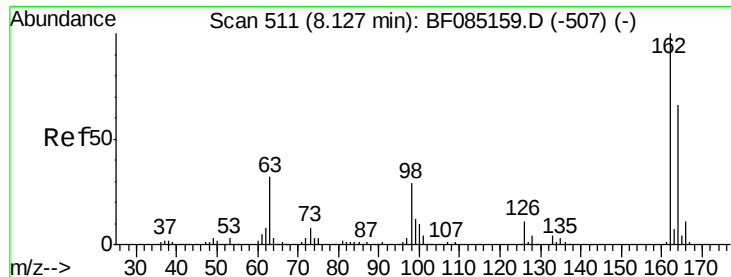
Tgt Ion: 122 Resp: 569718
 Ion Ratio Lower Upper
 122 100
 107 113.5 84.8 127.2
 121 59.5 47.0 70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.47 ng
 RT: 7.99 min Scan# 499
 Delta R.T. -0.02 min
 Lab File: BF085274.D
 Acq: 9 Mar 2016 00:00

Tgt Ion: 93 Resp: 699200
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.9 38.9
 123 11.5 8.8 13.2

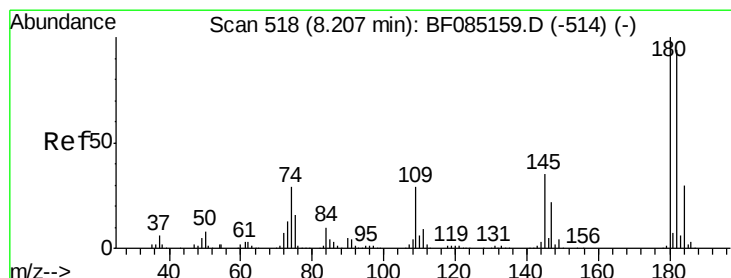
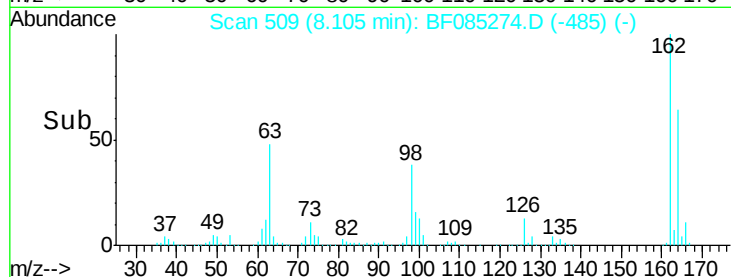
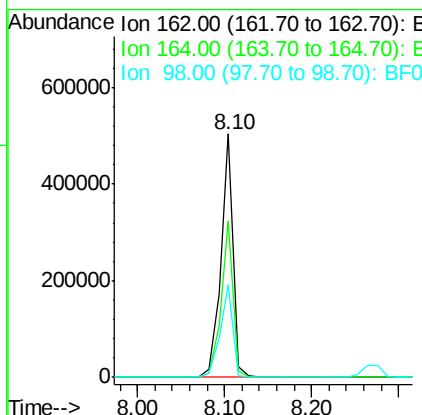
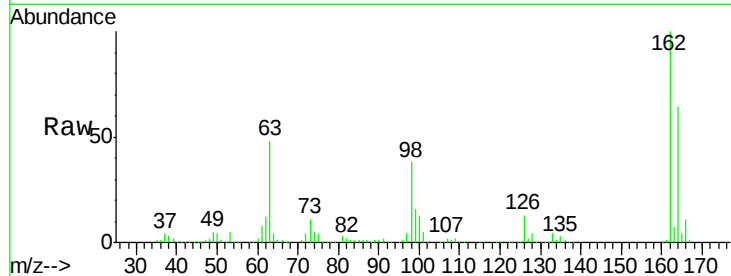




#29
 2,4-Dichlorophenol
 Concen: 52.56 ng
 RT: 8.10 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF085274.D
 Acq: 9 Mar 2016 00:00

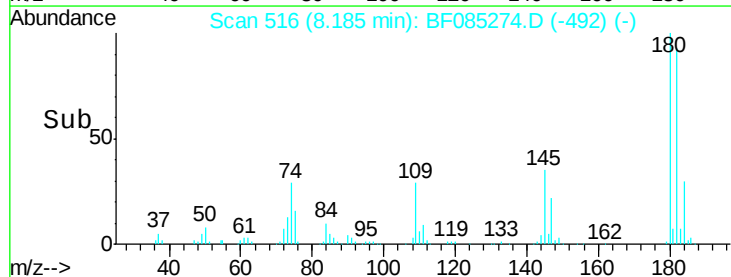
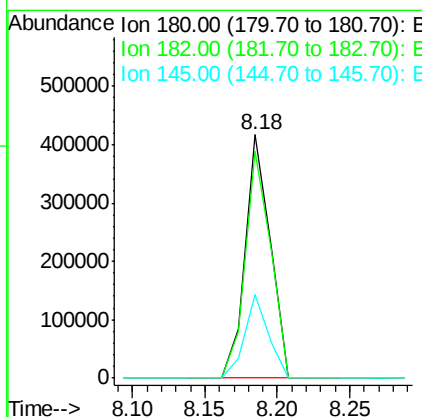
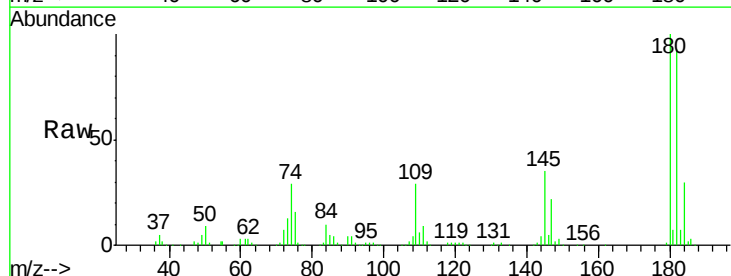
Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MS

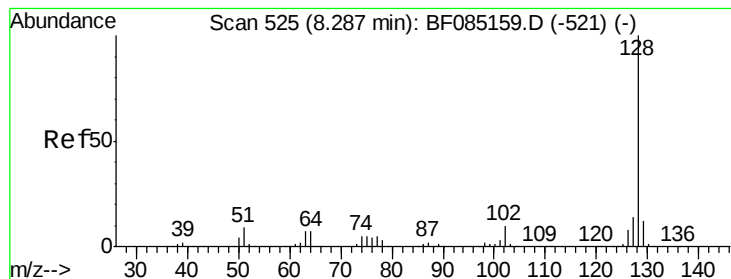
Tgt Ion:162 Resp: 494477
 Ion Ratio Lower Upper
 162 100
 164 64.4 45.7 85.7
 98 38.0 9.4 49.4



#30
 1,2,4-Trichlorobenzene
 Concen: 48.82 ng
 RT: 8.18 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF085274.D
 Acq: 9 Mar 2016 00:00

Tgt Ion:180 Resp: 496539
 Ion Ratio Lower Upper
 180 100
 182 93.0 74.9 112.3
 145 34.6 27.9 41.9





#31

Naphthalene

Concen: 77.50 ng

RT: 8.28 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-1MS

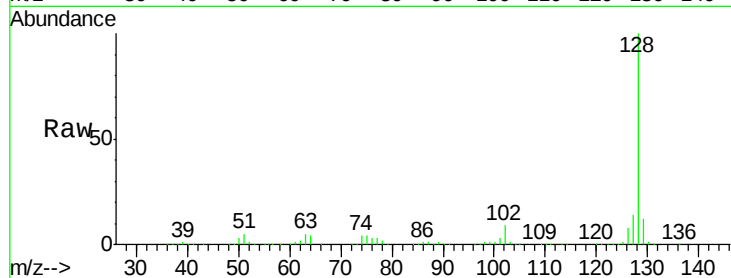
Tgt Ion:128 Resp: 2632935

Ion Ratio Lower Upper

128 100

129 11.6 9.7 14.5

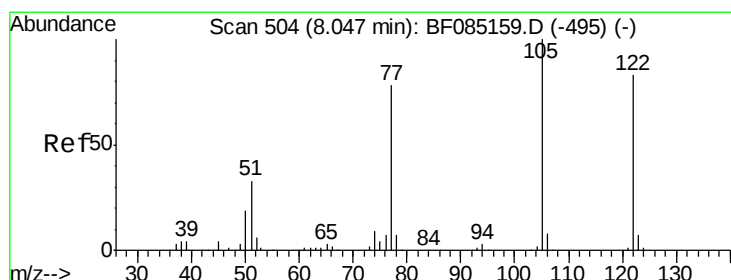
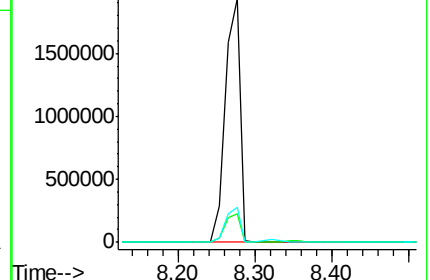
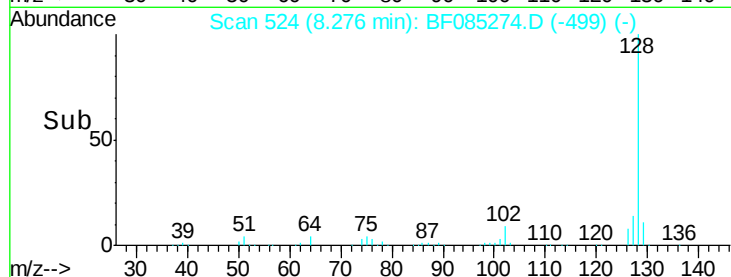
127 14.3 11.2 16.8



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: 44.25 ng

RT: 8.01 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

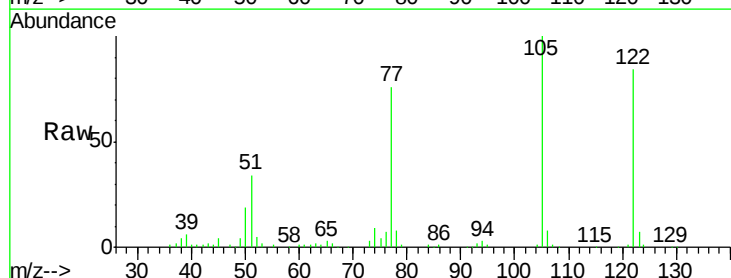
Tgt Ion:122 Resp: 342853

Ion Ratio Lower Upper

122 100

105 118.5 101.3 141.3

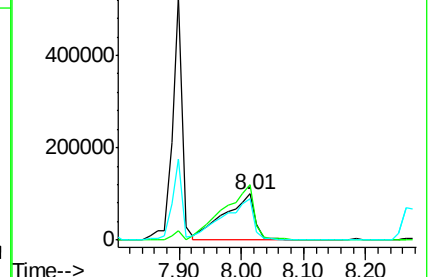
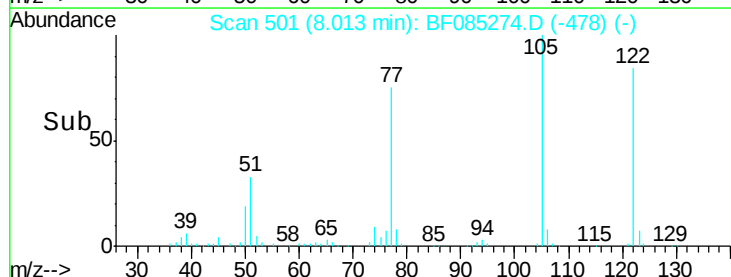
77 89.7 74.7 114.7

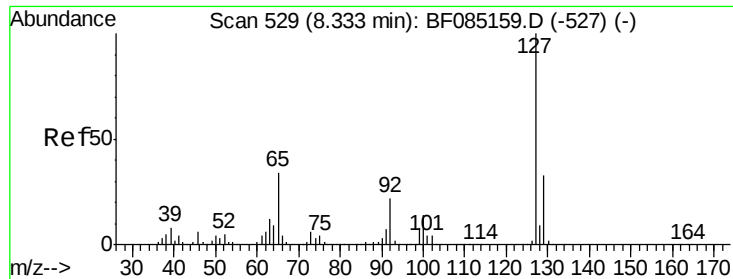


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

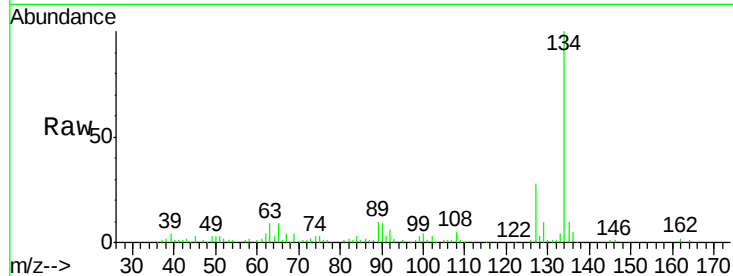




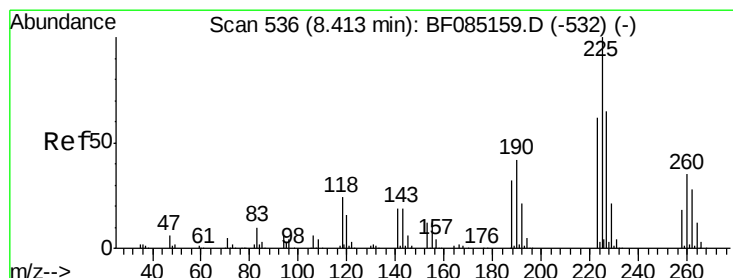
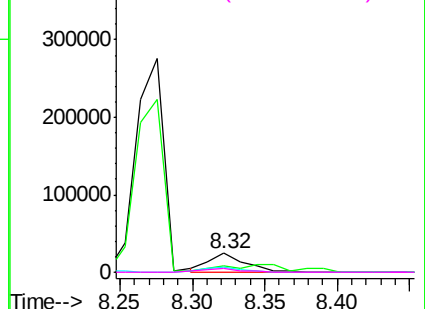
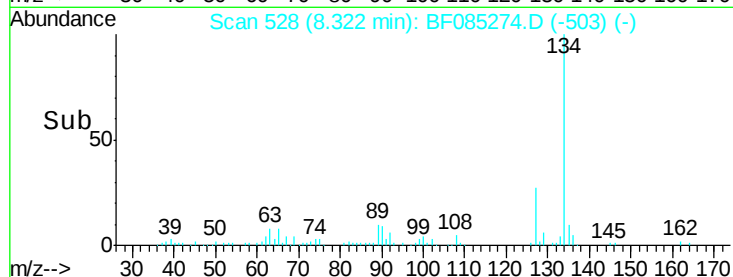
#33
4-Chloroaniline
Concen: 3.03 ng
RT: 8.32 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF085274.D
Acq: 9 Mar 2016 00:00

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1MS

Tgt Ion:	127	Resp:	41703
Ion	Ratio	Lower	Upper
127	100		
129	34.5	26.1	39.1
65	31.0	27.0	40.6
92	20.8	17.4	26.0

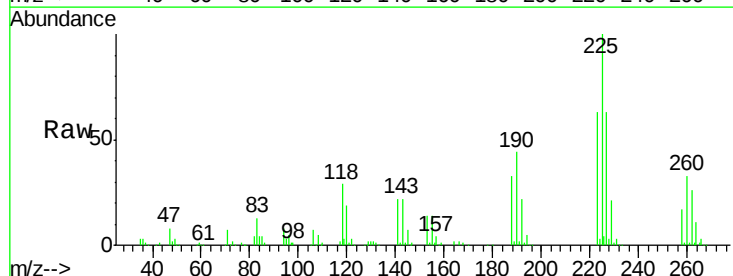


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

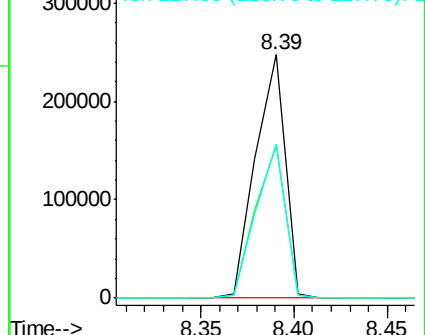
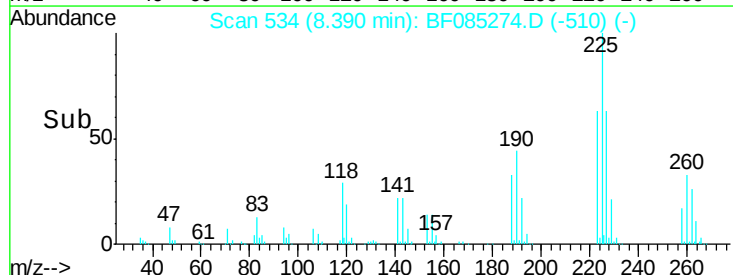


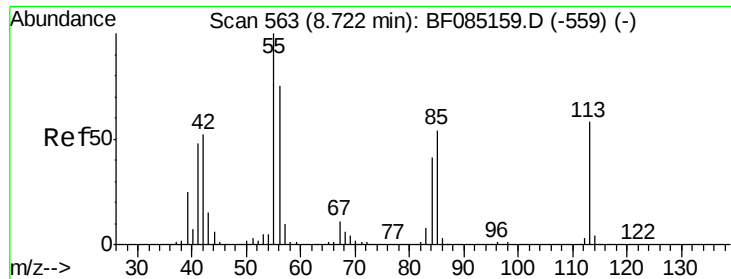
#34
Hexachlorobutadiene
Concen: 51.46 ng
RT: 8.39 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF085274.D
Acq: 9 Mar 2016 00:00

Tgt Ion:	225	Resp:	272331
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.7	74.5
227	63.3	52.2	78.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

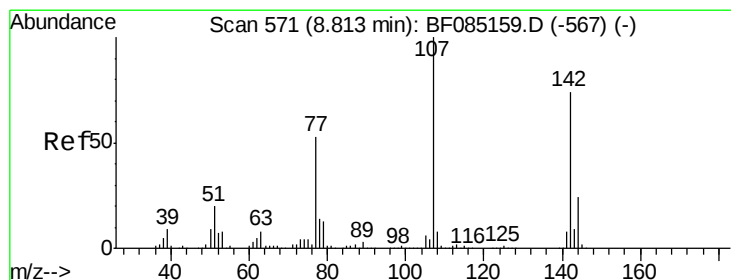
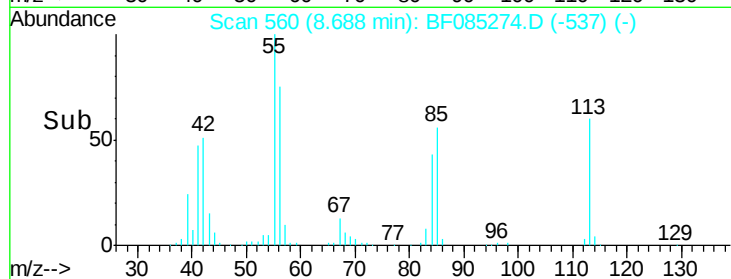
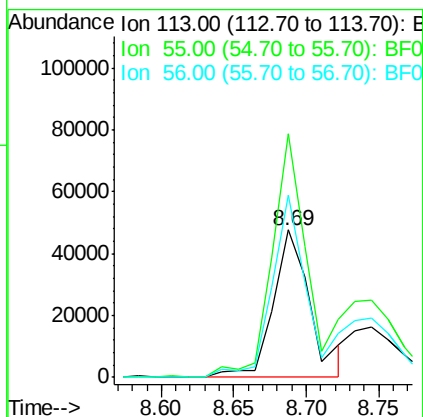
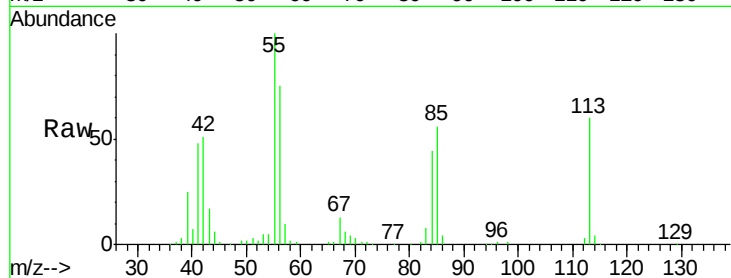




#35
 Caprolactam
 Concen: 27.45 ng
 RT: 8.69 min Scan# 560
 Delta R.T. -0.03 min
 Lab File: BF085274.D
 Acq: 9 Mar 2016 00:00

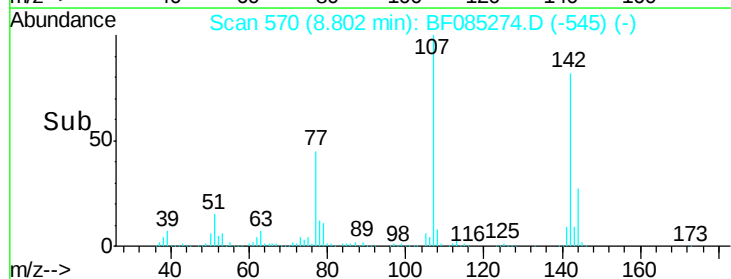
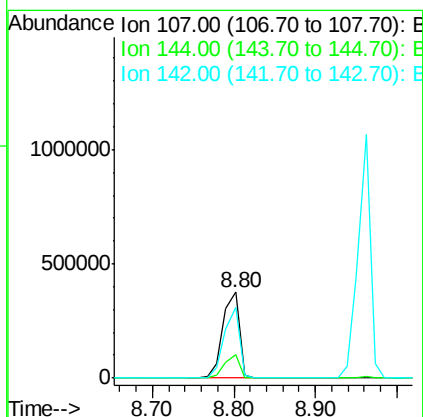
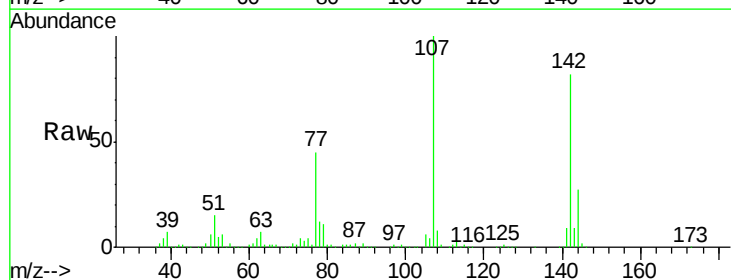
Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MS

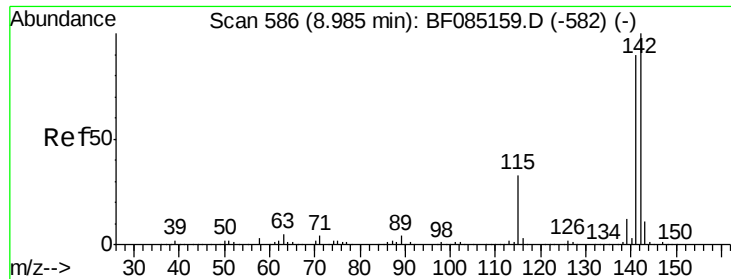
Tgt Ion:113 Resp: 84337
 Ion Ratio Lower Upper
 113 100
 55 165.3 152.7 192.7
 56 124.2 109.0 149.0



#36
 4-Chloro-3-methylphenol
 Concen: 49.39 ng
 RT: 8.80 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF085274.D
 Acq: 9 Mar 2016 00:00

Tgt Ion:107 Resp: 527077
 Ion Ratio Lower Upper
 107 100
 144 27.0 19.4 29.2
 142 81.6 59.4 89.2

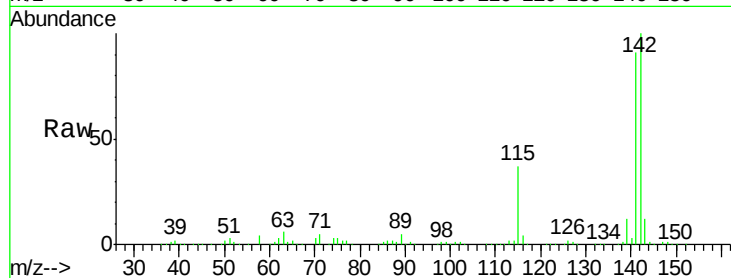




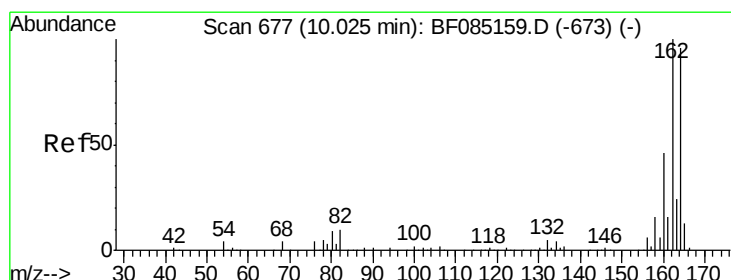
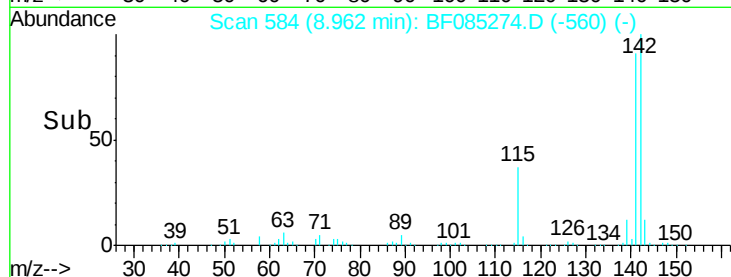
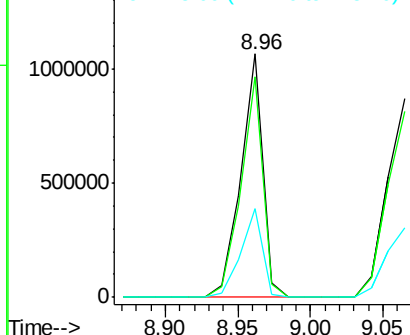
#37
2-Methylnaphthalene
Concen: 51.22 ng
RT: 8.96 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF085274.D
Acq: 9 Mar 2016 00:00

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1MS

Tgt Ion:142 Resp: 1116638
Ion Ratio Lower Upper
142 100
141 90.8 71.7 107.5
115 36.6 26.2 39.4

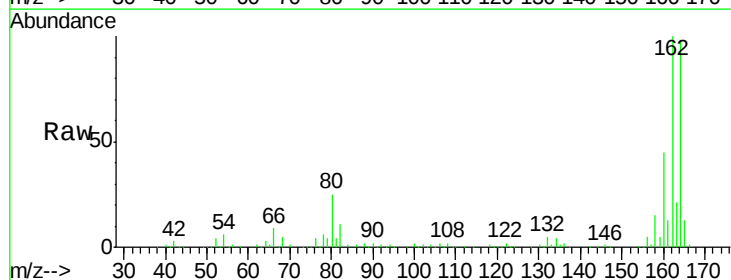


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

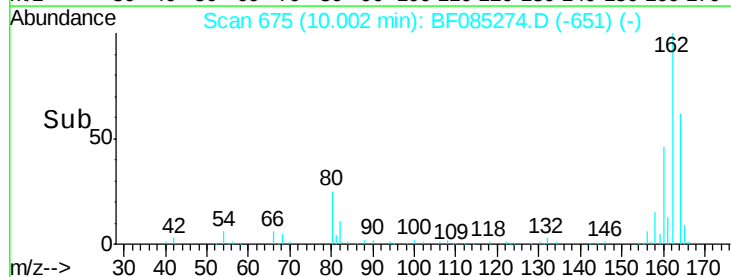
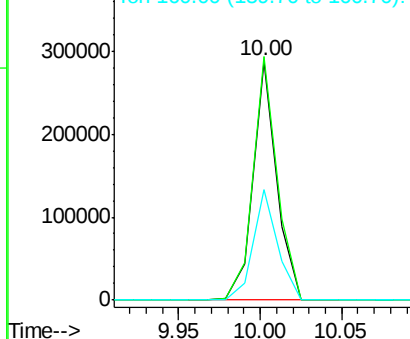


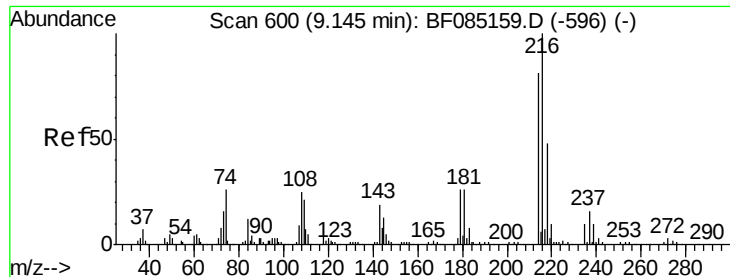
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF085274.D
Acq: 9 Mar 2016 00:00

Tgt Ion:164 Resp: 290322
Ion Ratio Lower Upper
164 100
162 102.1 83.3 124.9
160 46.1 37.9 56.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

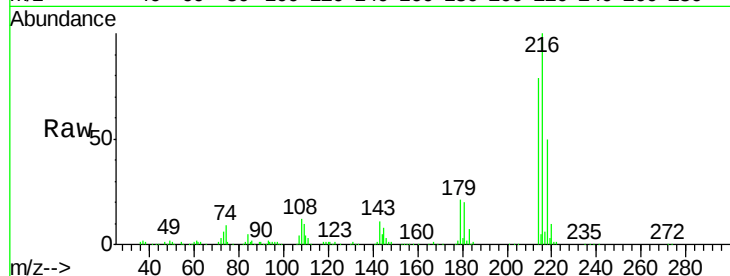




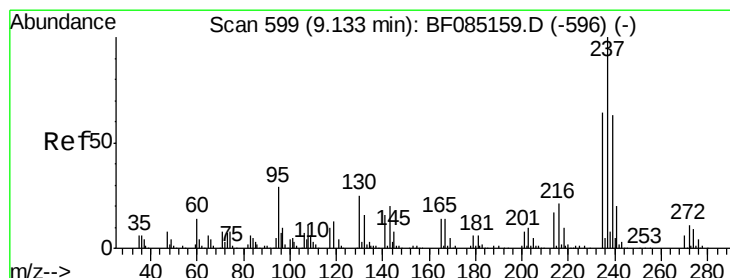
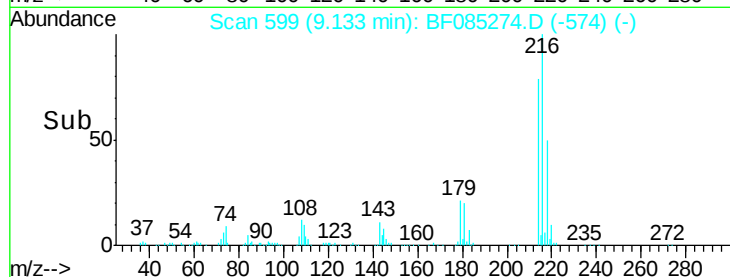
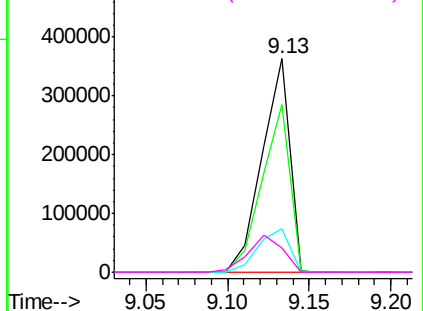
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.81 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF085274.D
 Acq: 9 Mar 2016 00:00

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MS

Tgt Ion:	216	Resp:	430160
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.6
179	22.9	19.6	29.4
108	21.4	19.6	29.4

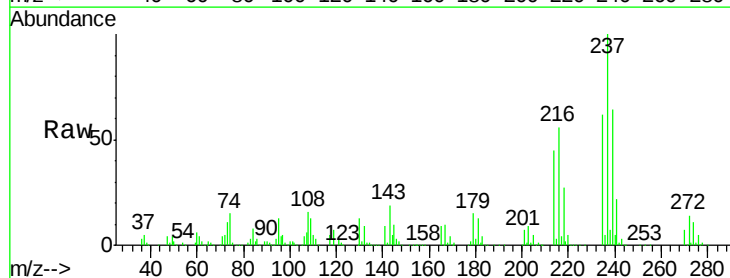


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

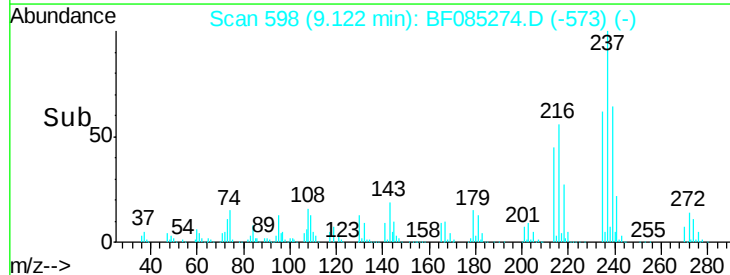
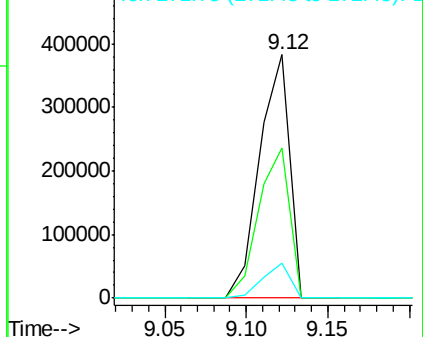


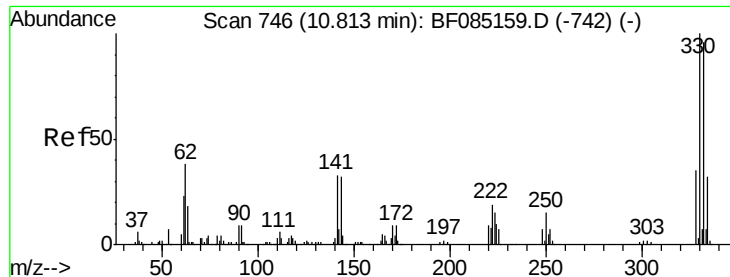
#40
 Hexachlorocyclopentadiene
 Concen: 109.33 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085274.D
 Acq: 9 Mar 2016 00:00

Tgt Ion:	237	Resp:	489591
Ion	Ratio	Lower	Upper
237	100		
235	61.7	43.7	83.7
272	14.3	0.0	31.5



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

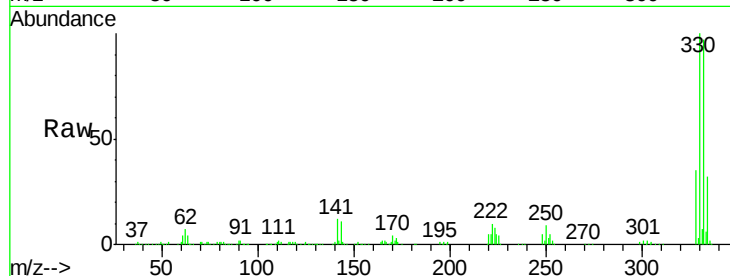




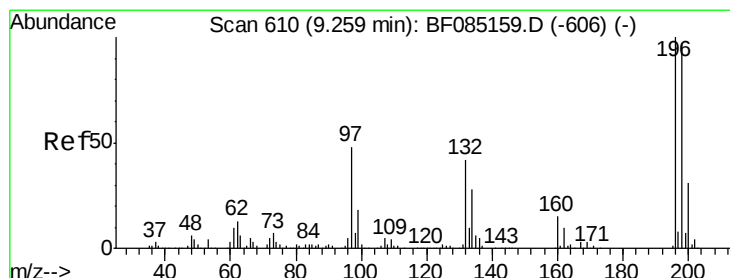
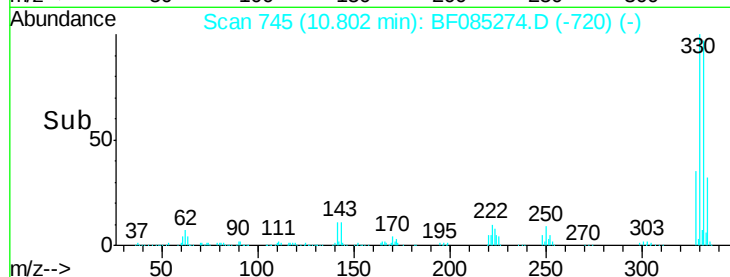
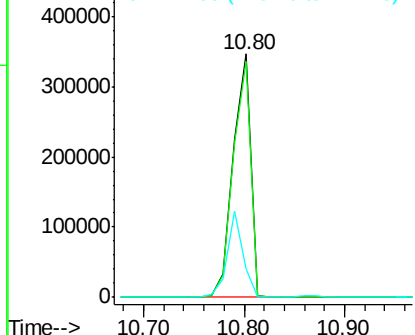
#41
 2,4,6-Tribromophenol
 Concen: 169.18 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085274.D
 Acq: 9 Mar 2016 00:00

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MS

Tgt Ion:330 Resp: 420264
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.1 115.7
 141 32.0 35.0 52.6#

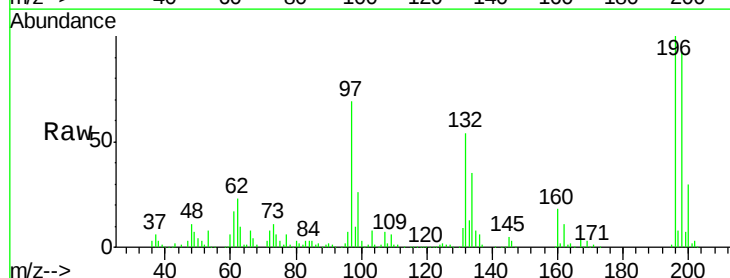


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

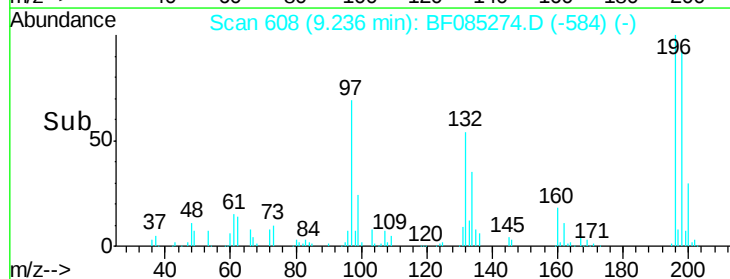
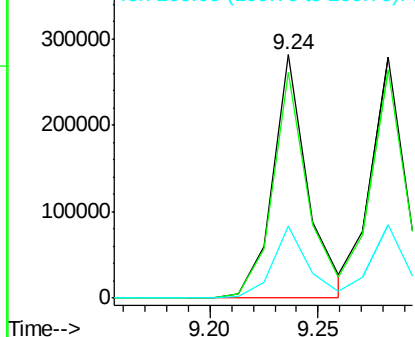


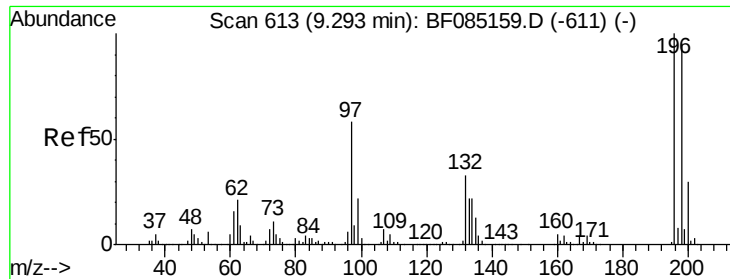
#42
 2,4,6-Trichlorophenol
 Concen: 51.33 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF085274.D
 Acq: 9 Mar 2016 00:00

Tgt Ion:196 Resp: 317251
 Ion Ratio Lower Upper
 196 100
 198 92.6 77.8 116.6
 200 29.7 25.0 37.6



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

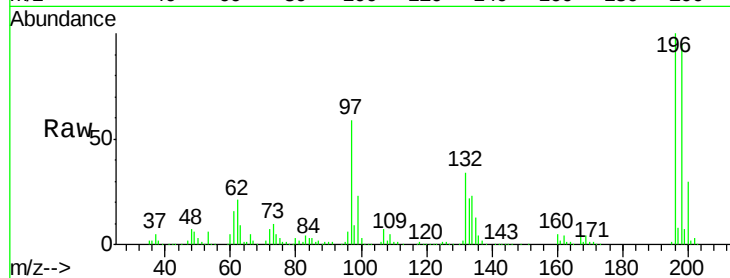




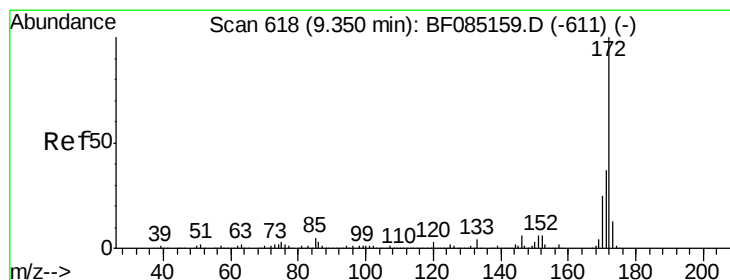
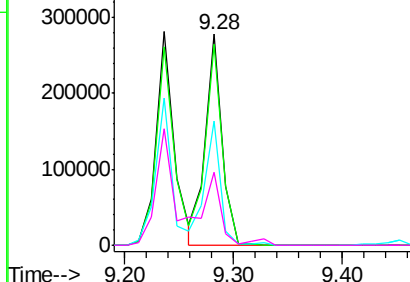
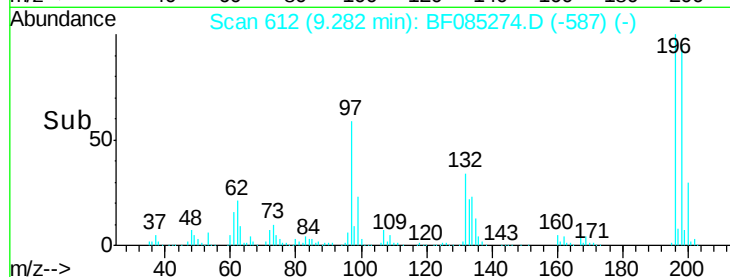
#43
 2,4,5-Trichlorophenol
 Concen: 51.44 ng
 RT: 9.28 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF085274.D
 Acq: 9 Mar 2016 00:00

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MS

Tgt Ion:196 Resp: 301437
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 97 59.0 46.4 69.6
 132 34.3 26.2 39.4

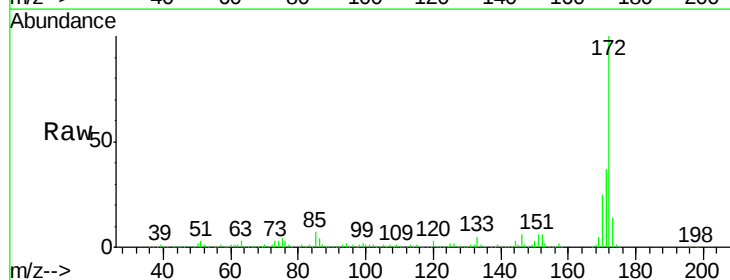


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

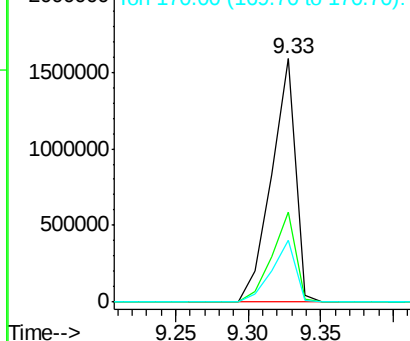
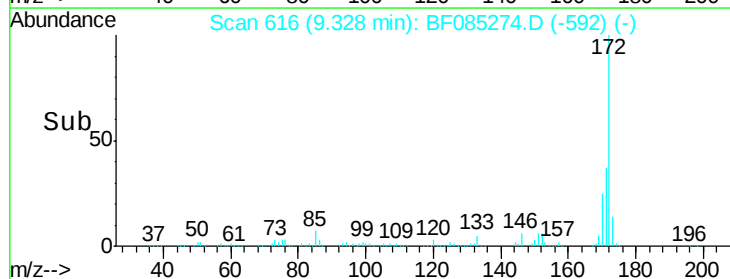


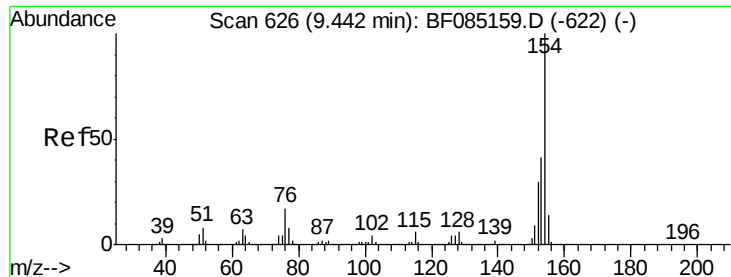
#44
 2-Fluorobiphenyl
 Concen: 95.97 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085274.D
 Acq: 9 Mar 2016 00:00

Tgt Ion:172 Resp: 1832053
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.3 43.9
 170 25.3 20.0 30.0



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

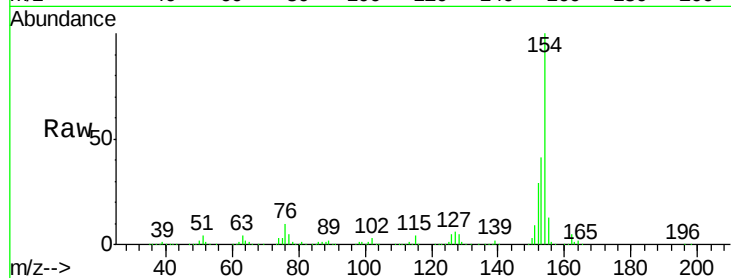




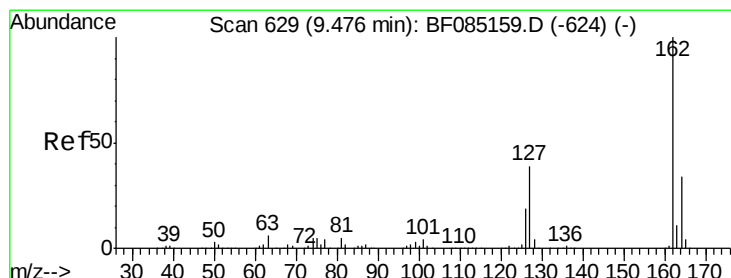
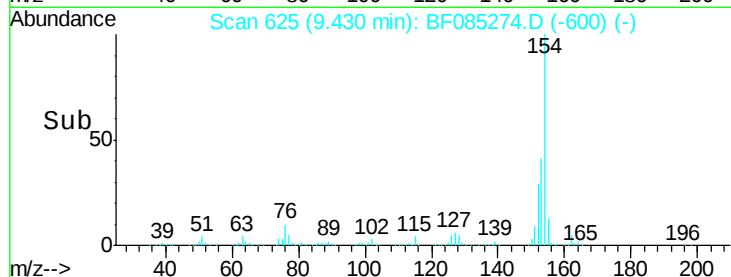
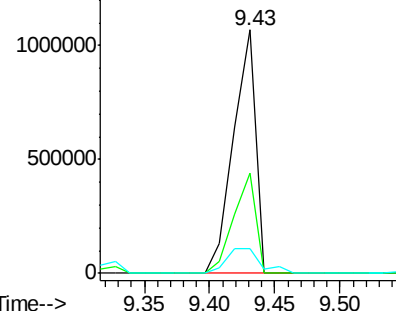
#45
 1,1'-Biphenyl
 Concen: 51.11 ng
 RT: 9.43 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF085274.D
 Acq: 9 Mar 2016 00:00

Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MS

Tgt Ion:154 Resp: 1267734
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.4 61.4
 76 10.2 0.0 37.5

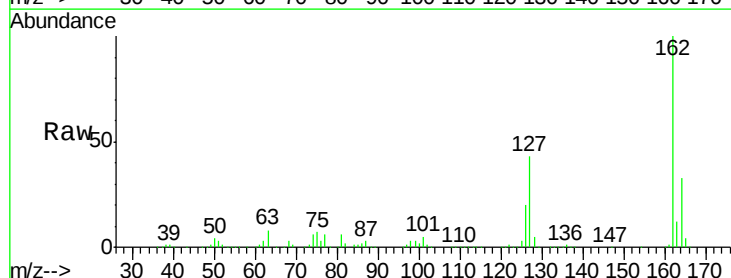


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

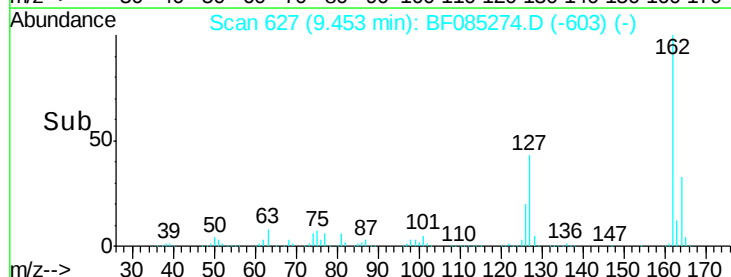
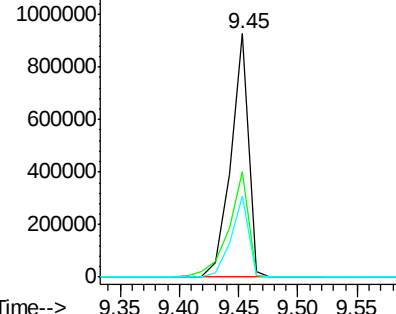


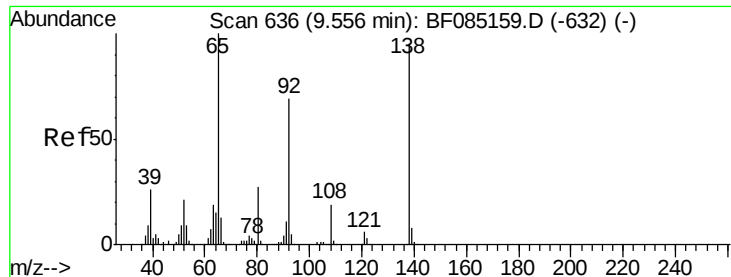
#46
 2-Chloronaphthalene
 Concen: 50.54 ng
 RT: 9.45 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF085274.D
 Acq: 9 Mar 2016 00:00

Tgt Ion:162 Resp: 955457
 Ion Ratio Lower Upper
 162 100
 127 43.4 31.6 47.4
 164 33.2 27.1 40.7



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: 48.37 ng

RT: 9.54 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-1MS

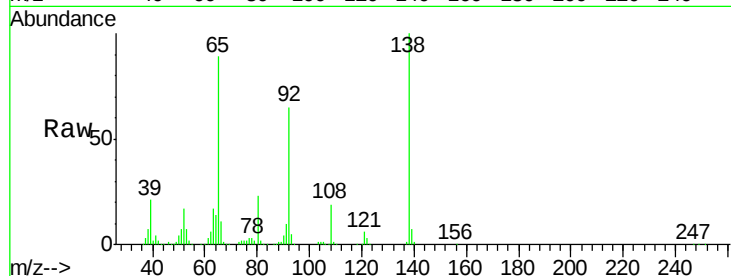
Tgt Ion: 65 Resp: 283383

Ion Ratio Lower Upper

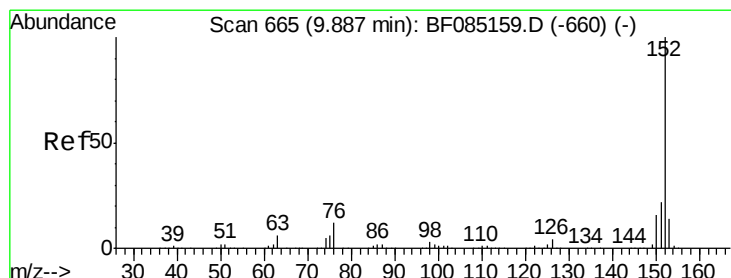
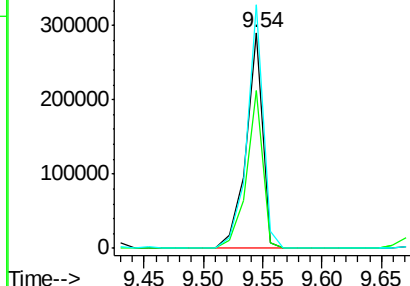
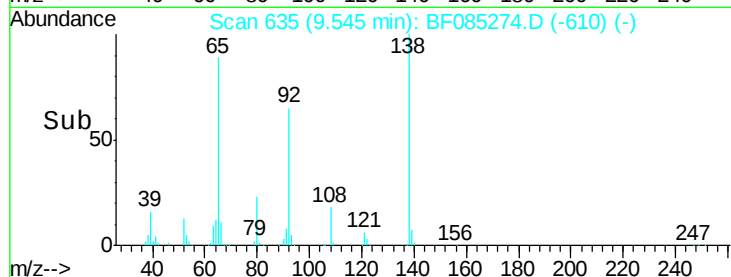
65 100

92 73.3 55.4 83.2

138 112.8 75.7 113.5



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



#48

Acenaphthylene

Concen: 48.56 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

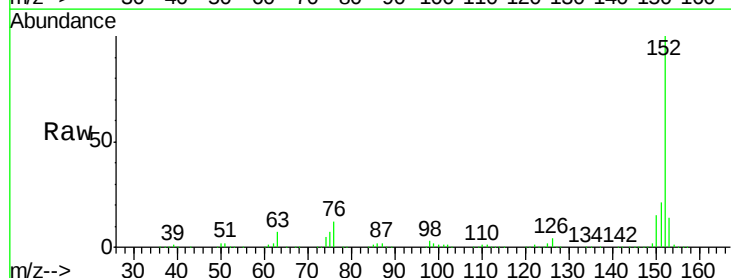
Tgt Ion: 152 Resp: 1429000

Ion Ratio Lower Upper

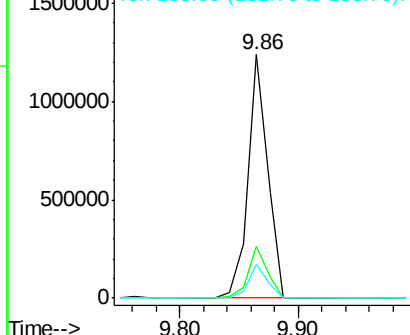
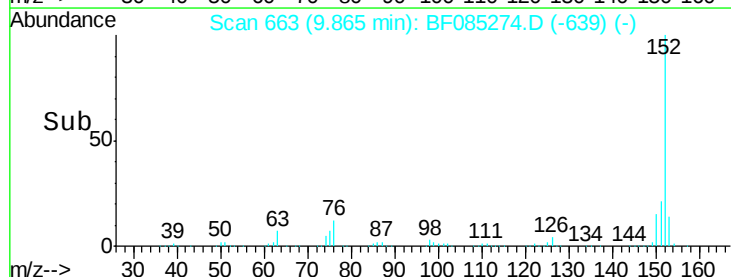
152 100

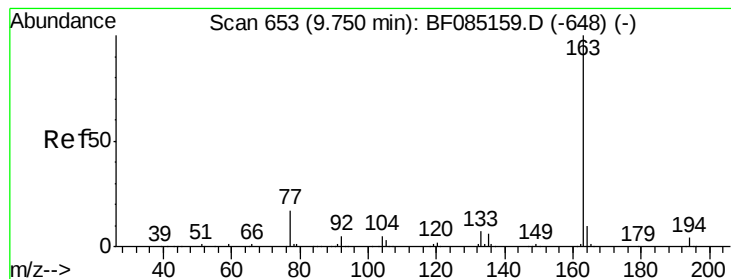
151 21.2 17.5 26.3

153 14.0 11.3 16.9



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





#49

Dimethylphthalate

Concen: 47.04 ng

RT: 9.73 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-1MS

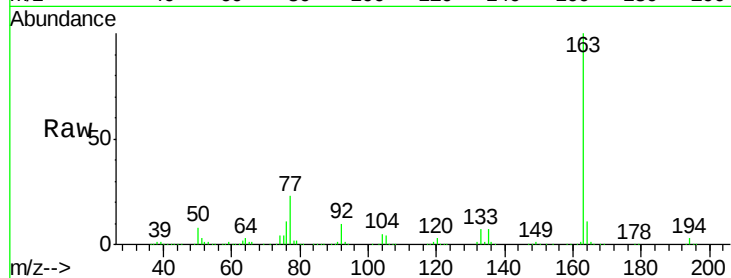
Tgt Ion:163 Resp: 1048173

Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

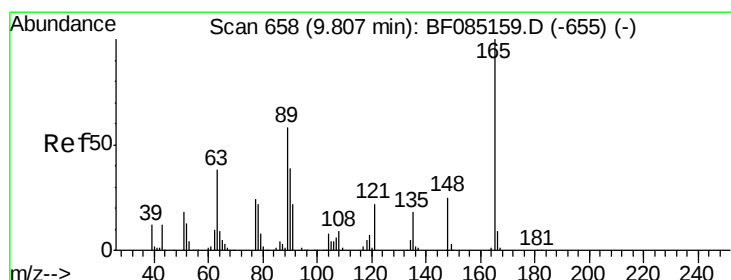
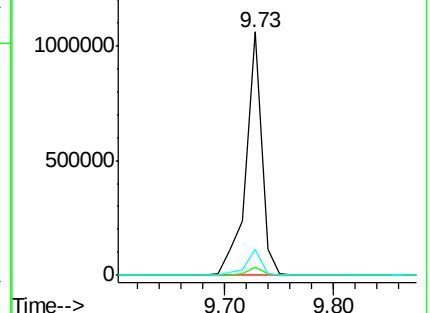
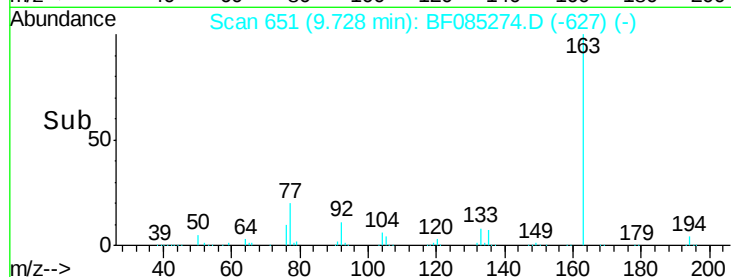
164 10.5 8.2 12.4



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: 46.59 ng

RT: 9.78 min Scan# 656

Delta R.T. -0.02 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

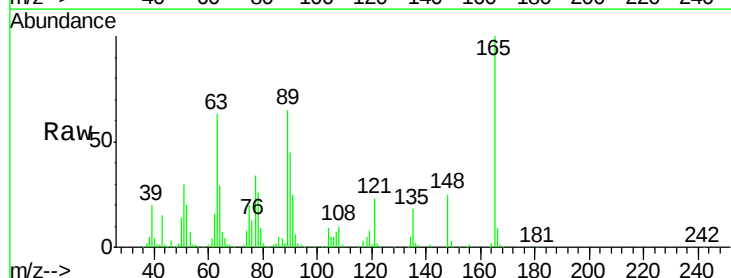
Tgt Ion:165 Resp: 222094

Ion Ratio Lower Upper

165 100

63 62.8 41.8 62.8#

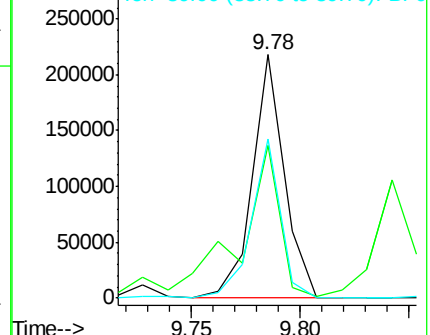
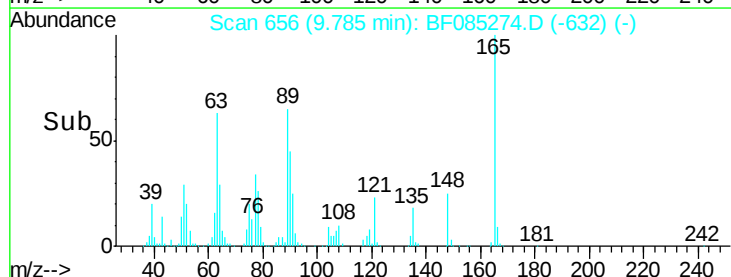
89 65.1 46.7 70.1

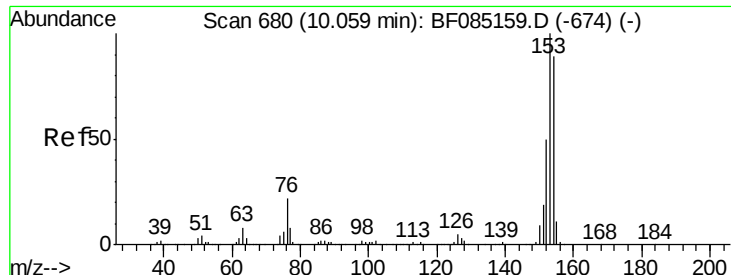


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 55.07 ng

RT: 10.04 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-1MS

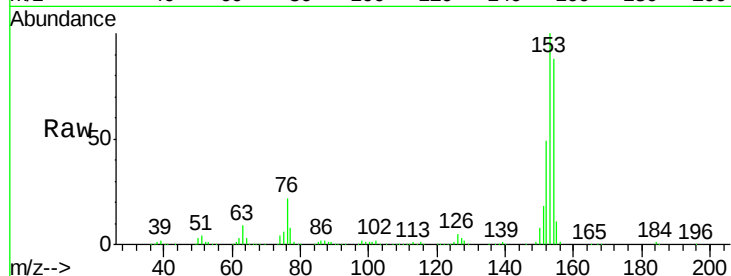
Tgt Ion:154 Resp: 983860

Ion Ratio Lower Upper

154 100

153 113.9 89.8 134.8

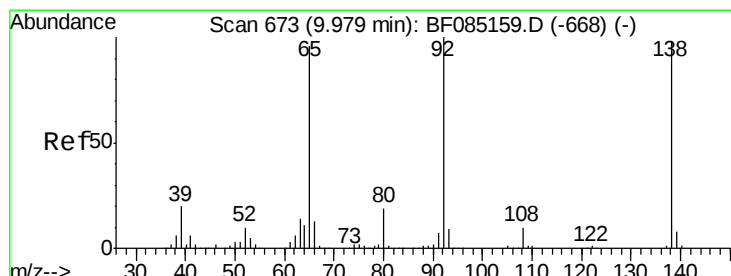
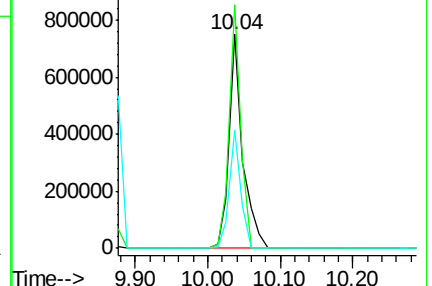
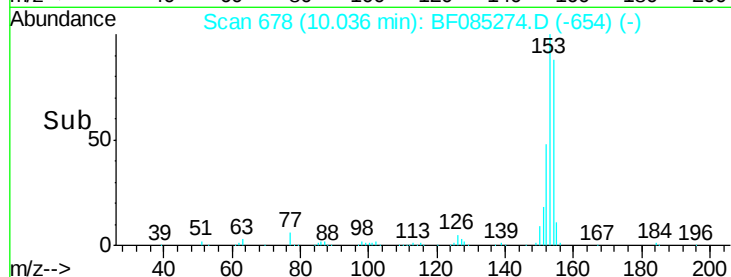
152 55.5 44.6 66.8



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: 9.28 ng

RT: 9.96 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

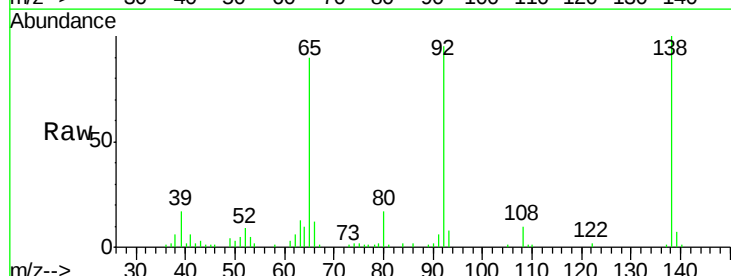
Tgt Ion:138 Resp: 52943

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.6

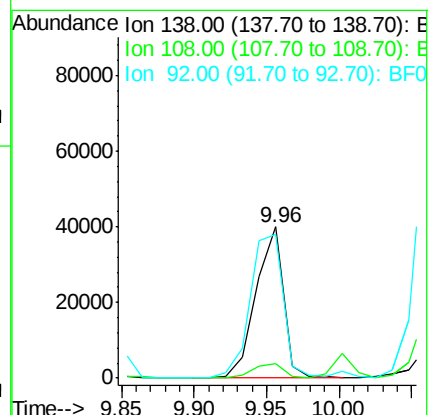
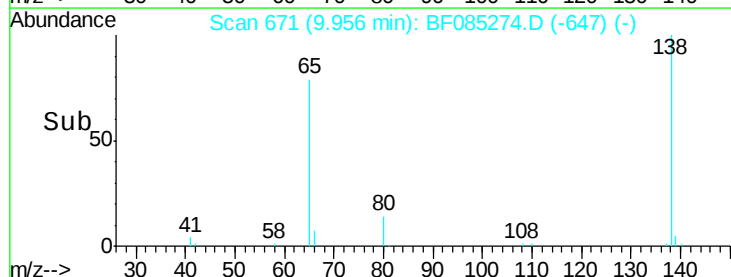
92 95.1 81.3 121.9

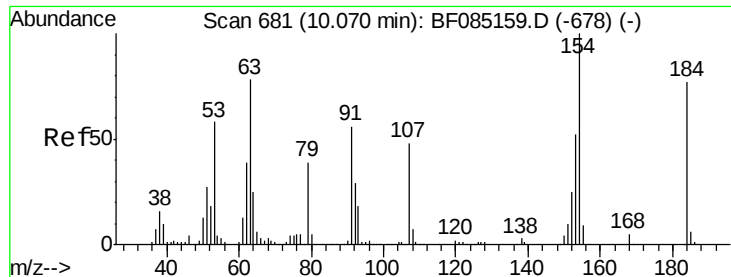


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

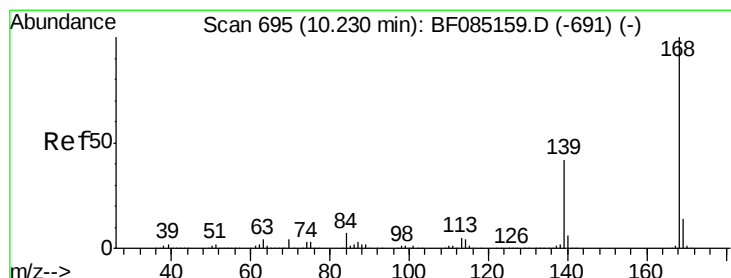
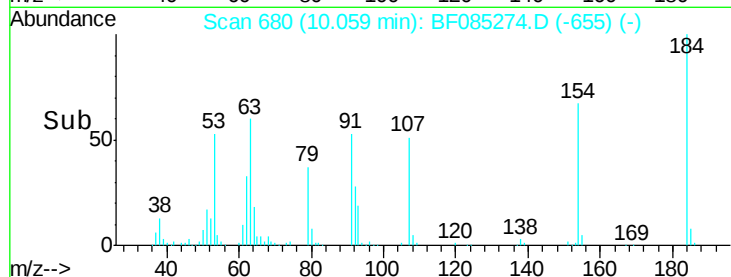
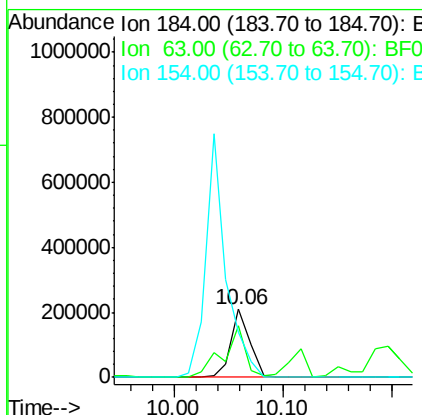
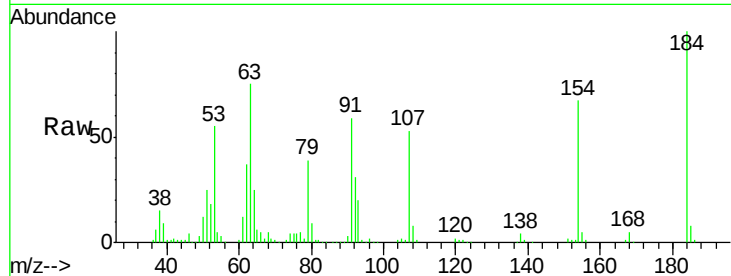




#53
 2,4-Dinitrophenol
 Concen: 100.28 ng
 RT: 10.06 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF085274.D
 Acq: 9 Mar 2016 00:00

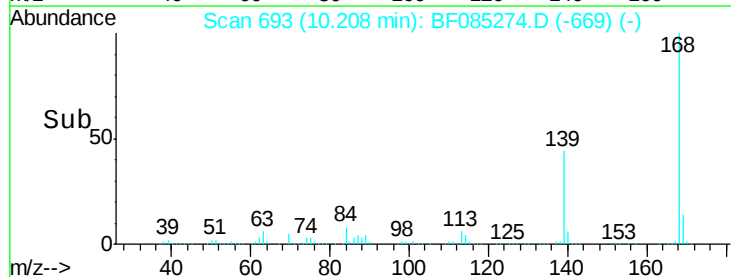
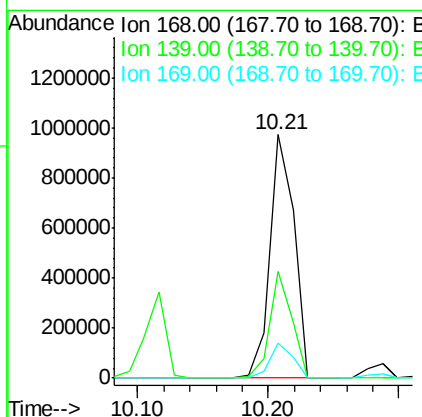
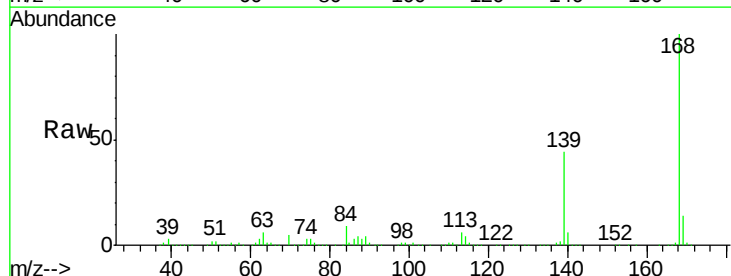
Instrument :
 BNA_F
 ClientSampleId :
 48-BRIDGE-GRID-1MS

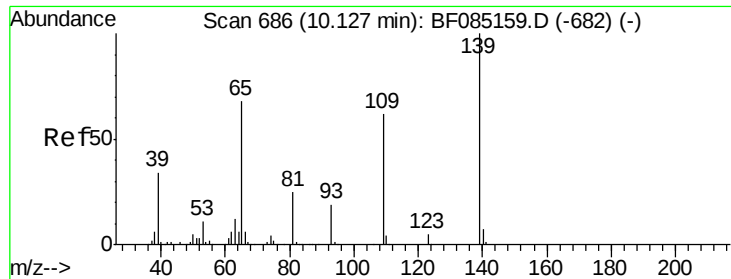
Tgt Ion:184 Resp: 248073
 Ion Ratio Lower Upper
 184 100
 63 75.0 82.2 123.4#
 154 66.8 108.9 163.3#



#54
 Dibenzofuran
 Concen: 53.99 ng
 RT: 10.21 min Scan# 693
 Delta R.T. -0.02 min
 Lab File: BF085274.D
 Acq: 9 Mar 2016 00:00

Tgt Ion:168 Resp: 1263667
 Ion Ratio Lower Upper
 168 100
 139 43.7 33.6 50.4
 169 14.1 11.2 16.8

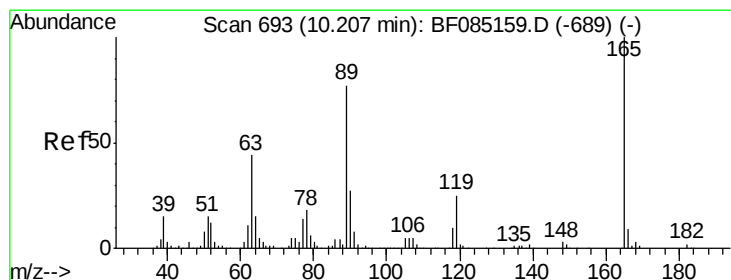
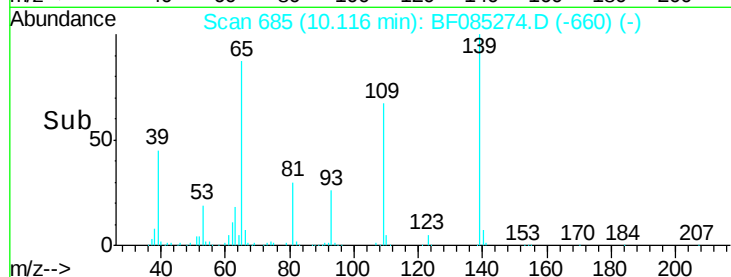
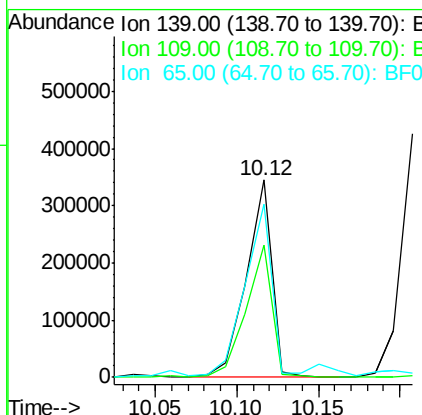
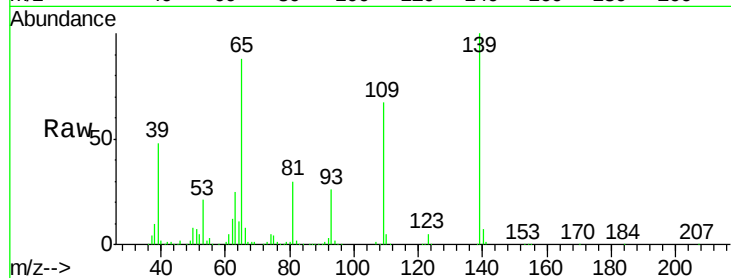




#55
4-Nitrophenol
Concen: 83.89 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF085274.D
Acq: 9 Mar 2016 00:00

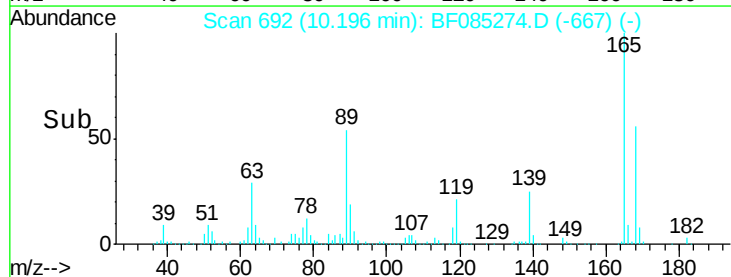
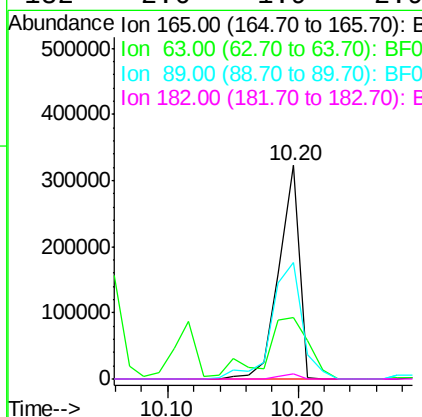
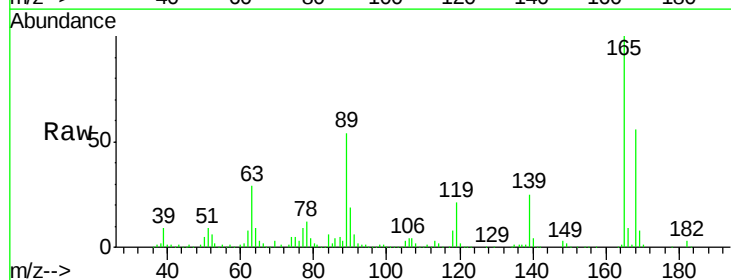
Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1MS

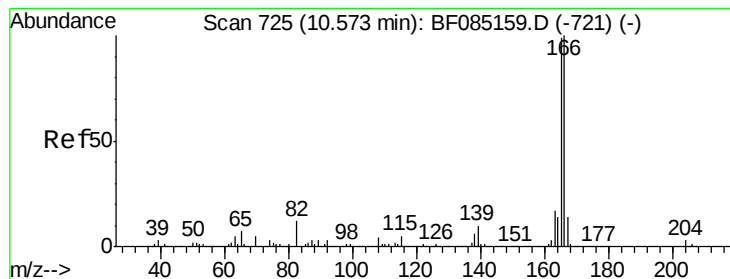
Tgt Ion:139 Resp: 376026
Ion Ratio Lower Upper
139 100
109 67.3 41.9 81.9
65 87.6 48.3 88.3



#56
2,4-Dinitrotoluene
Concen: 58.06 ng
RT: 10.20 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF085274.D
Acq: 9 Mar 2016 00:00

Tgt Ion:165 Resp: 354239
Ion Ratio Lower Upper
165 100
63 29.1 35.4 53.0#
89 54.4 61.9 92.9#
182 2.6 1.9 2.9





#57

Fluorene

Concen: 50.19 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

Instrument :

BNA_F

ClientSampleId :

48-BRIDGE-GRID-1MS

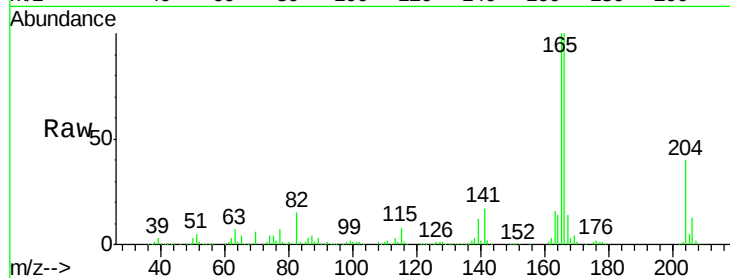
Tgt Ion:166 Resp: 922868

Ion Ratio Lower Upper

166 100

165 99.7 79.4 119.0

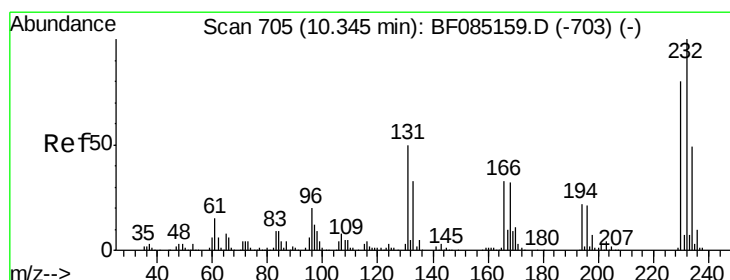
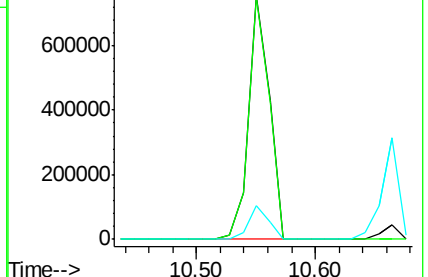
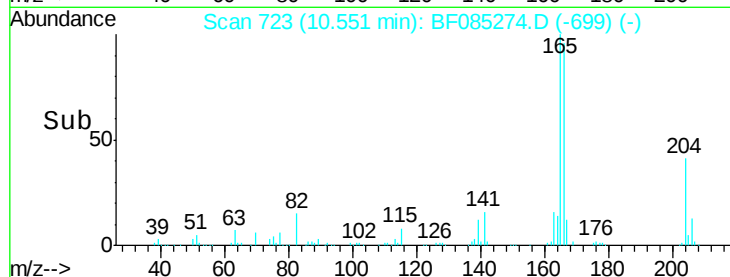
167 13.9 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.39 ng

RT: 10.33 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF085274.D

Acq: 9 Mar 2016 00:00

Tgt Ion:232 Resp: 232132

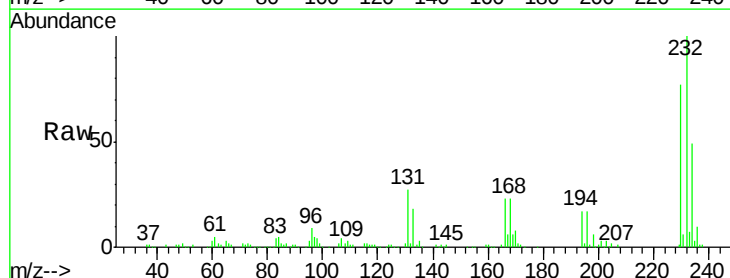
Ion Ratio Lower Upper

232 100

131 53.4 46.0 69.0

130 2.7 2.2 3.4

166 34.2 28.8 43.2



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

