

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110315\
 Data File : BF082668.D
 Acq On : 3 Nov 2015 18:50
 Operator : UM/IZ
 Sample : PB86401BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

Quant Time: Nov 04 03:17:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	170488	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	671915	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	340367	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	643470	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	556884	20.00	ng	0.00
86) Perylene-d12	15.53	264	494032	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1139916	100.70	ng	0.01
7) Phenol-d6	6.51	99	1547421	102.90	ng	0.00
23) Nitrobenzene-d5	7.44	82	1108141	67.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	481109	129.16	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1754278	73.18	ng	-0.01
78) Terphenyl-d14	12.99	244	1950690	76.66	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	143134	27.35	ng	97
3) Pyridine	3.24	79	449283	29.28	ng	98
4) n-Nitrosodimethylamine	3.17	42	235358	27.25	ng	92
6) Aniline	6.53	93	530034	25.31	ng	97
8) 2-Chlorophenol	6.66	128	400995	32.74	ng	# 78
9) Benzaldehyde	6.42	77	52665	5.13	ng	81
10) Phenol	6.52	94	600539	35.24	ng	96
11) bis(2-Chloroethyl)ether	6.61	93	450511	35.84	ng	90
12) 1,3-Dichlorobenzene	7.05	146	425022	30.43	ng	96
13) 1,4-Dichlorobenzene	6.82	146	483732	34.92	ng	97
14) 1,2-Dichlorobenzene	7.05	146	424939	33.05	ng	93
15) Benzyl Alcohol	7.01	79	458403	32.69	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	648061	32.44	ng	98
17) 2-Methylphenol	7.14	107	373814	35.90	ng	93
18) Hexachloroethane	7.40	117	174400	32.26	ng	# 77
19) n-Nitroso-di-n-propylamine	7.30	70	381124	33.43	ng	# 82
20) 3+4-Methylphenols	7.29	107	464089	34.29	ng	93
22) Acetophenone	7.29	105	602968	30.48	ng	# 86
24) Nitrobenzene	7.46	77	539784	32.45	ng	91
25) Isophorone	7.70	82	920881	30.42	ng	97
26) 2-Nitrophenol	7.78	139	230452	37.93	ng	# 76
27) 2,4-Dimethylphenol	7.82	122	422135	35.59	ng	92
28) bis(2-Chloroethoxy)methane	7.92	93	559120	33.77	ng	98
29) 2,4-Dichlorophenol	8.02	162	362228	33.51	ng	89
30) 1,2,4-Trichlorobenzene	8.11	180	409788	34.16	ng	95
31) Naphthalene	8.19	128	1272737	35.01	ng	99
32) Benzoic acid	7.93	122	257215	29.89	ng	95
33) 4-Chloroaniline	8.24	127	291454	18.78	ng	# 84
34) Hexachlorobutadiene	8.32	225	261312	34.25	ng	98
35) Caprolactam	8.59	113	121850	36.74	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	423364	33.26	ng	94
37) 2-Methylnaphthalene	8.88	142	753148	31.96	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	374312	32.96	ng	97
40) Hexachlorocyclopentadiene	9.05	237	509863	71.41	ng	97

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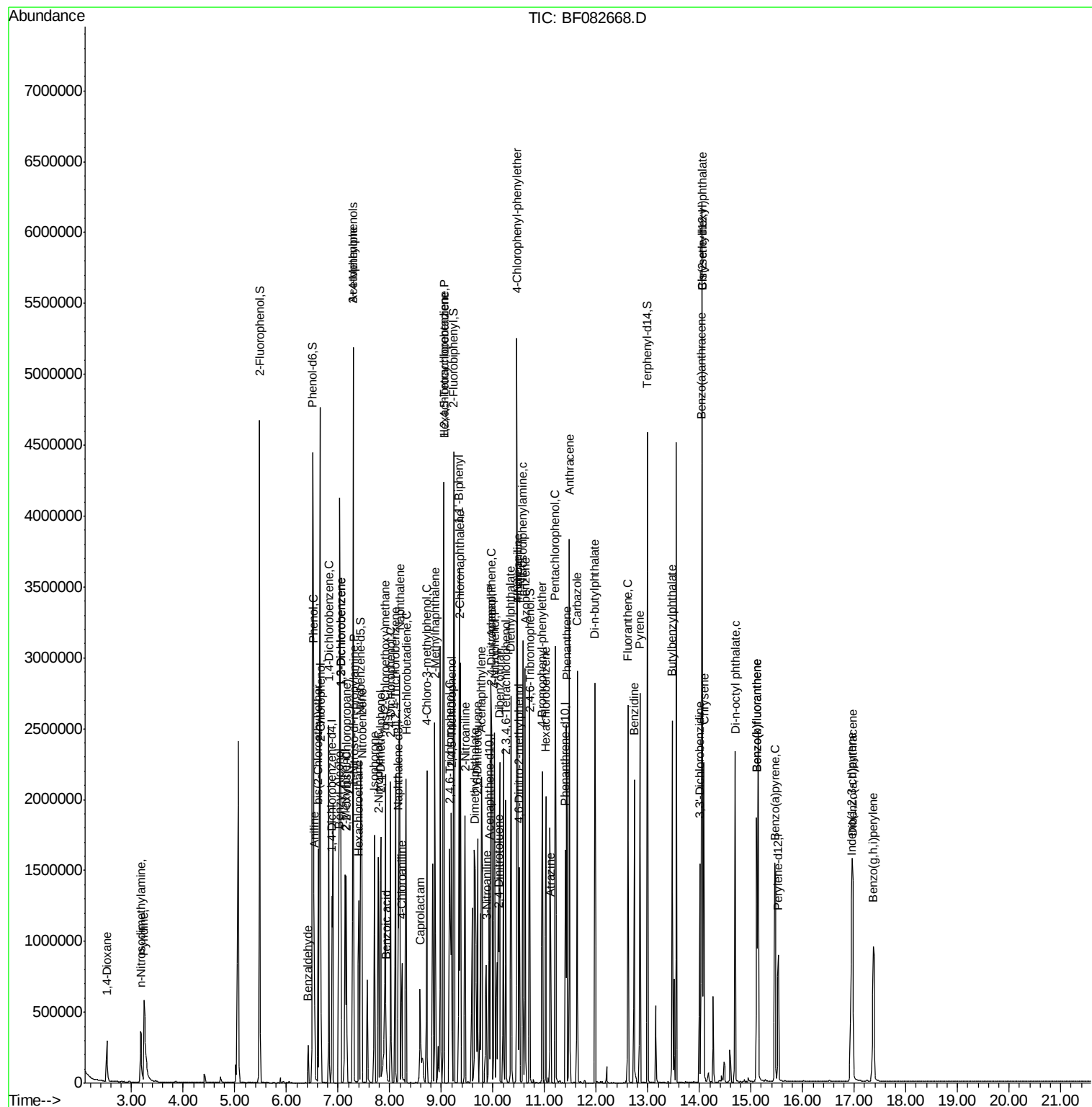
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	288414	35.17	ng	97
43) 2,4,5-Trichlorophenol	9.20	196	289181	35.39	ng	93
45) 1,1'-Biphenyl	9.34	154	979753	34.08	ng	97
46) 2-Chloronaphthalene	9.37	162	766463	34.14	ng	96
47) 2-Nitroaniline	9.46	65	324187	37.15	ng	# 86
48) Acenaphthylene	9.78	152	1209546	33.68	ng	99
49) Dimethylphthalate	9.65	163	975063	35.08	ng	# 97
50) 2,6-Dinitrotoluene	9.70	165	199904	34.70	ng	86
51) Acenaphthene	9.96	154	903956	39.66	ng	95
52) 3-Nitroaniline	9.87	138	153624	23.97	ng	# 73
53) 2,4-Dinitrophenol	9.97	184	238118	77.78	ng	# 30
54) Dibenzofuran	10.13	168	1154257	37.32	ng	89
55) 4-Nitrophenol	10.03	139	348502	72.26	ng	# 87
56) 2,4-Dinitrotoluene	10.11	165	300231	38.53	ng	# 58
57) Fluorene	10.48	166	872421	34.97	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	269196	38.98	ng	# 89
59) Diethylphthalate	10.35	149	1001762	35.40	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	438423	36.15	ng	# 88
61) 4-Nitroaniline	10.48	138	207596	33.94	ng	89
62) Azobenzene	10.62	77	1053363	33.01	ng	93
64) 4,6-Dinitro-2-methylphenol	10.51	198	154812	39.89	ng	# 56
65) n-Nitrosodiphenylamine	10.58	169	721667	32.63	ng	100
66) 4-Bromophenyl-phenylether	10.96	248	288168	39.52	ng	# 86
67) Hexachlorobenzene	11.02	284	320289	39.61	ng	# 64
68) Atrazine	11.12	200	276131	38.15	ng	89
69) Pentachlorophenol	11.21	266	380369	71.34	ng	99
70) Phenanthrene	11.42	178	1298896	35.79	ng	98
71) Anthracene	11.48	178	1395957	38.20	ng	99
72) Carbazole	11.63	167	1127698	35.43	ng	98
73) Di-n-butylphthalate	11.97	149	1468318	36.24	ng	99
74) Fluoranthene	12.61	202	1402275	37.80	ng	98
76) Benzidine	12.74	184	773399	30.79	ng	99
77) Pyrene	12.84	202	1427726	34.62	ng	99
79) Butylbenzylphthalate	13.47	149	685720	37.97	ng	94
80) Benzo(a)anthracene	14.04	228	1301374	36.79	ng	99
81) 3,3'-Dichlorobenzidine	14.01	252	330584	27.12	ng	# 97
82) Chrysene	14.09	228	1242709	38.76	ng	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	1026352	43.83	ng	# 98
84) Di-n-octyl phthalate	14.69	149	1579133	43.24	ng	97
85) Indeno(1,2,3-cd)pyrene	16.95	276	1101776	41.64	ng	100
87) Benzo(b)fluoranthene	15.11	252	1242150	36.46	ng	# 97
88) Benzo(k)fluoranthene	15.11	252	1242150	47.86	ng	# 97
89) Benzo(a)pyrene	15.47	252	985374	36.73	ng	# 97
90) Dibenzo(a,h)anthracene	16.97	278	918234	36.68	ng	99
91) Benzo(g,h,i)perylene	17.37	276	918951	37.88	ng	98

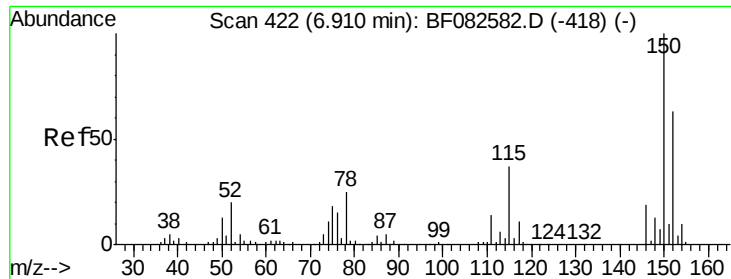
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

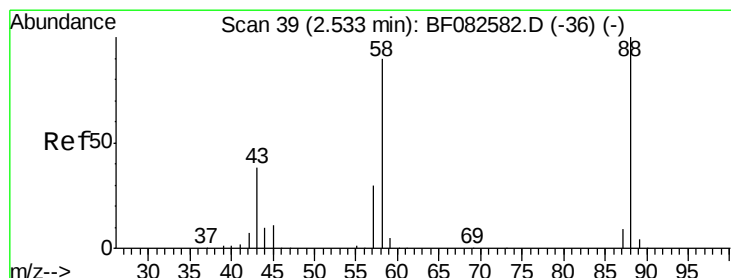
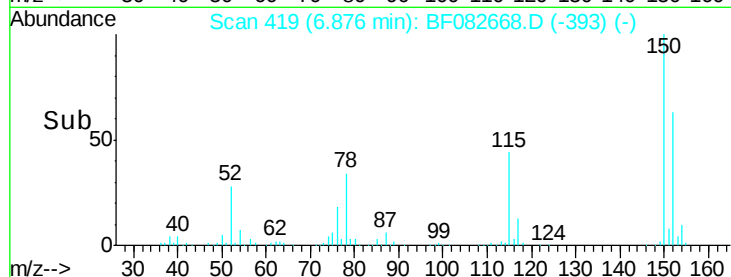
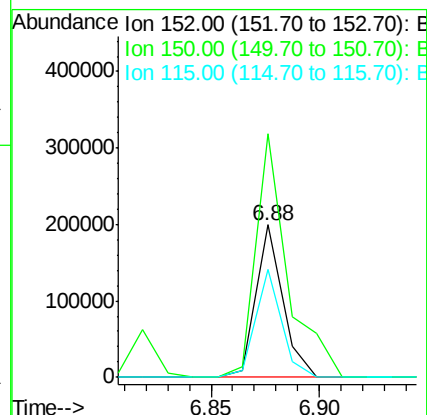
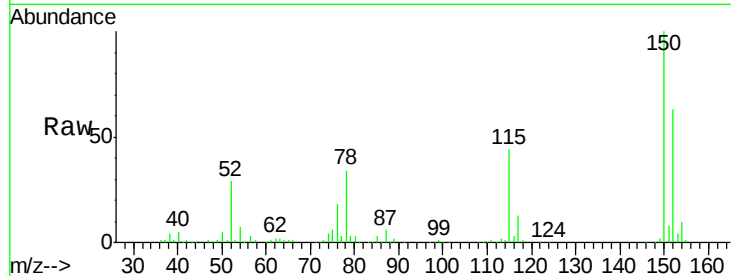
Tgt Ion:152 Resp: 170488

Ion Ratio Lower Upper

152 100

150 159.9 127.0 190.4

115 71.0 47.0 70.6#



#2

1,4-Dioxane

Concen: 27.35 ng

RT: 2.52 min Scan# 38

Delta R.T. 0.06 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

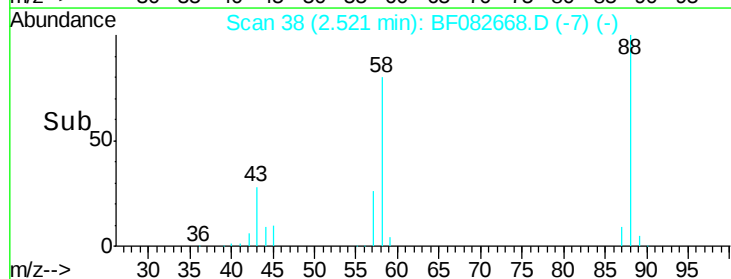
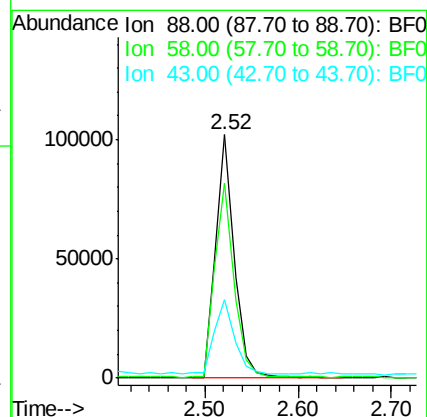
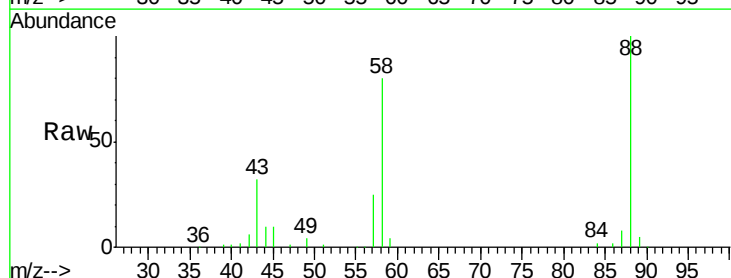
Tgt Ion: 88 Resp: 143134

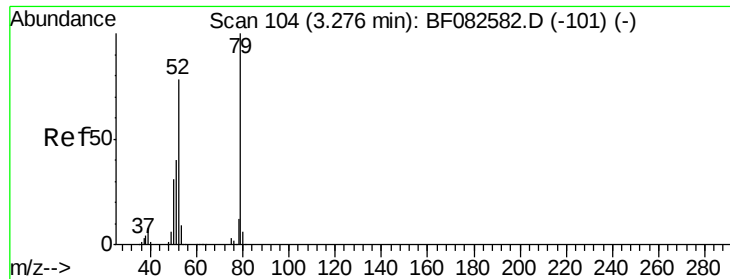
Ion Ratio Lower Upper

88 100

58 80.8 62.0 93.0

43 33.1 26.6 40.0





#3

Pyridine

Concen: 29.28 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.05 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

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PB86401BS

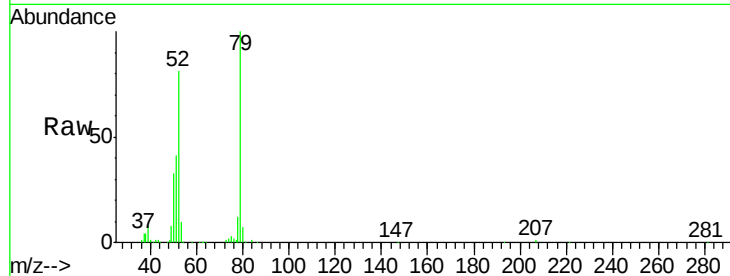
Tgt Ion: 79 Resp: 449283

Ion Ratio Lower Upper

79 100

52 80.8 62.8 94.2

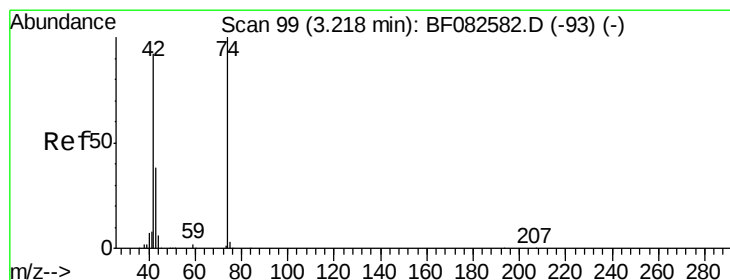
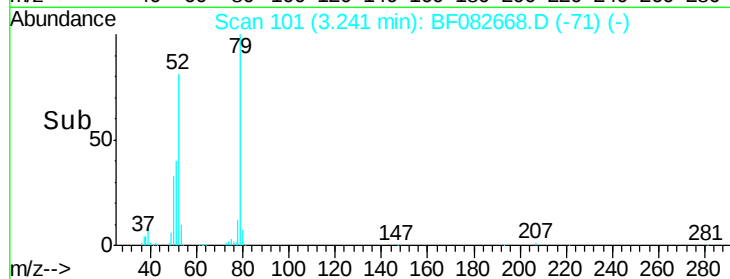
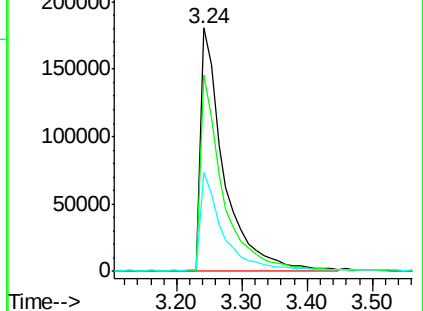
51 40.5 32.0 48.0



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: 27.25 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.03 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

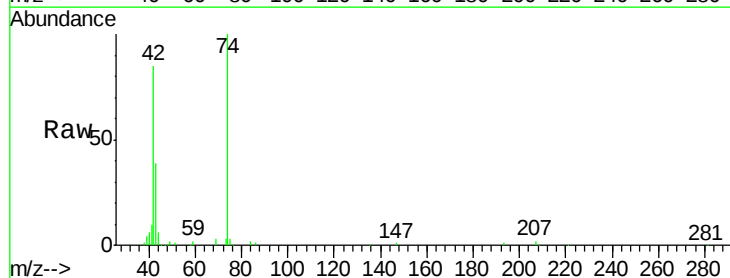
Tgt Ion: 42 Resp: 235358

Ion Ratio Lower Upper

42 100

74 117.2 87.0 130.4

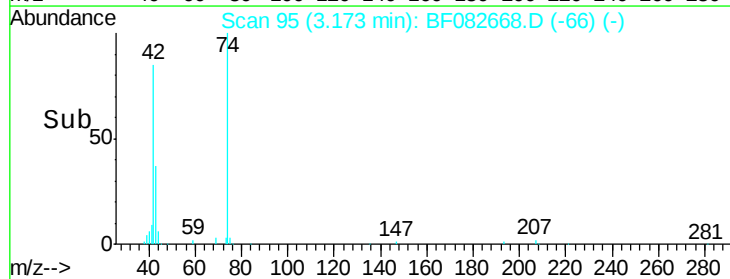
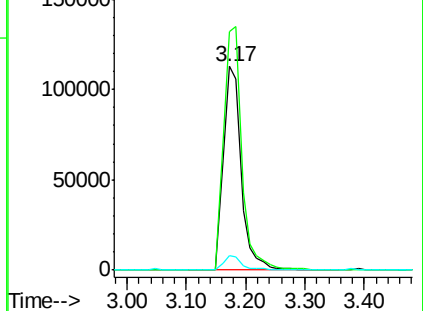
44 7.3 5.8 8.8

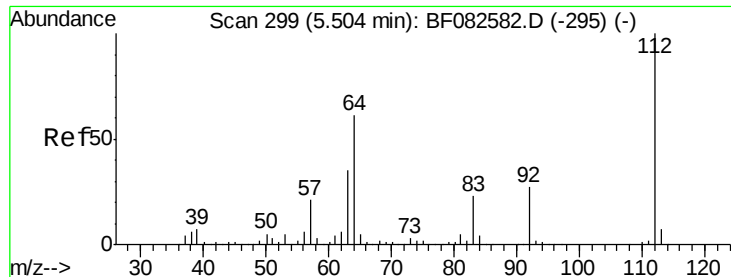


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 100.70 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

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PB86401BS

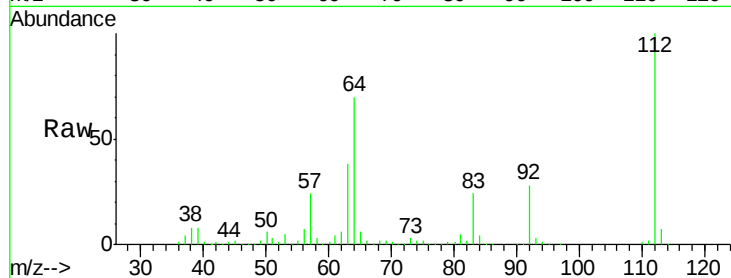
Tgt Ion: 112 Resp: 1139916

Ion Ratio Lower Upper

112 100

64 69.5 48.9 73.3

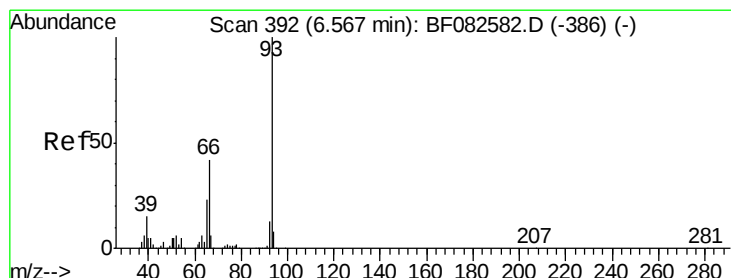
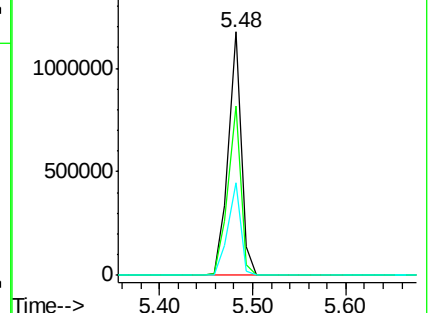
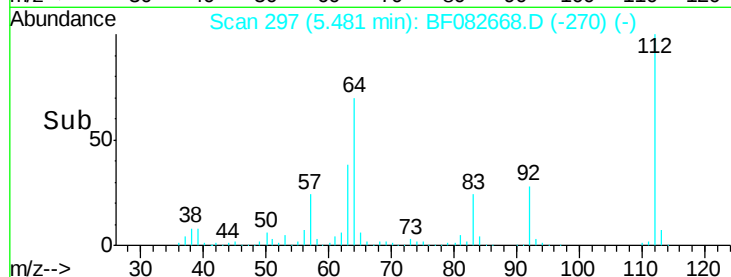
63 38.2 28.1 42.1



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: 25.31 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

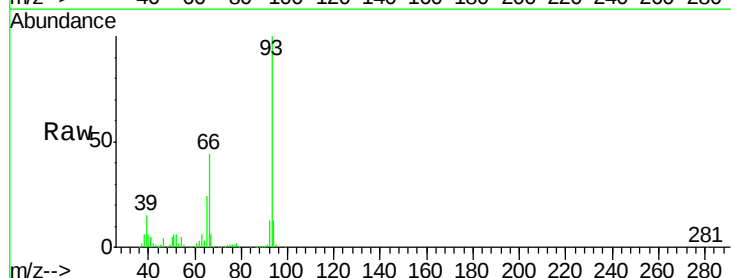
Tgt Ion: 93 Resp: 530034

Ion Ratio Lower Upper

93 100

66 44.1 33.6 50.4

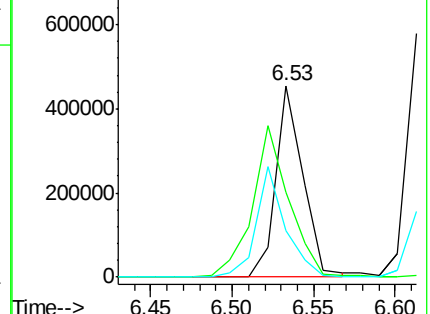
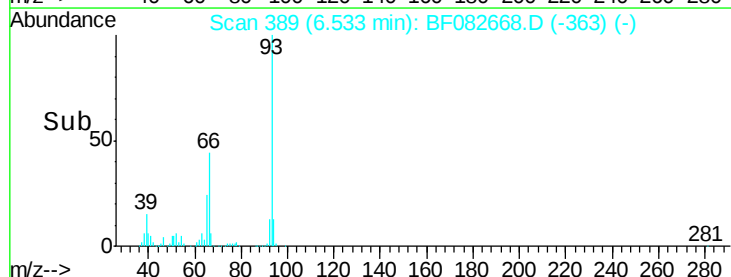
65 24.1 18.1 27.1

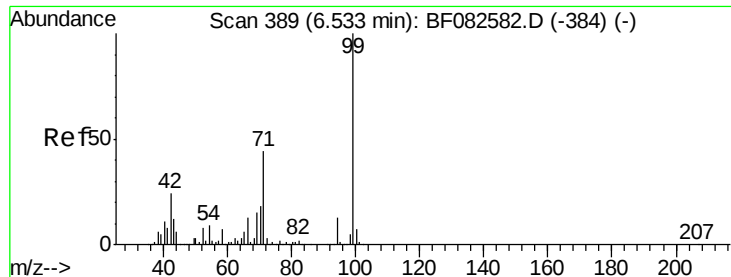


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 102.90 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

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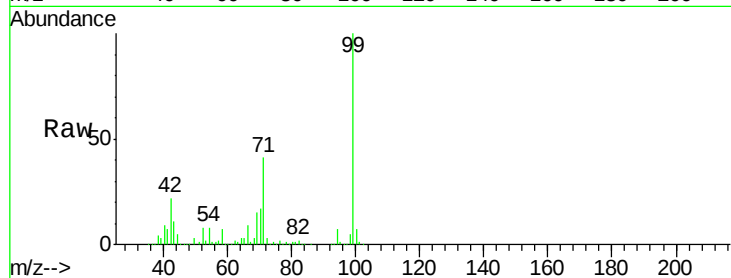
Tgt Ion: 99 Resp: 1547421

Ion Ratio Lower Upper

99 100

42 21.5 19.2 28.8

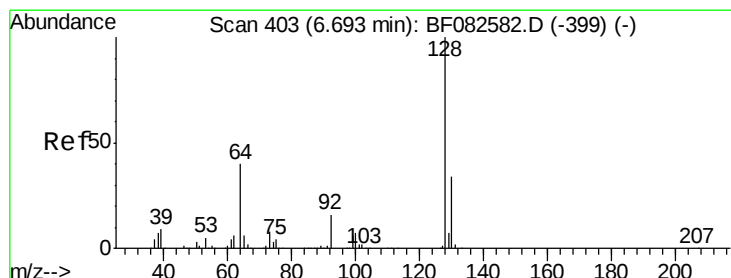
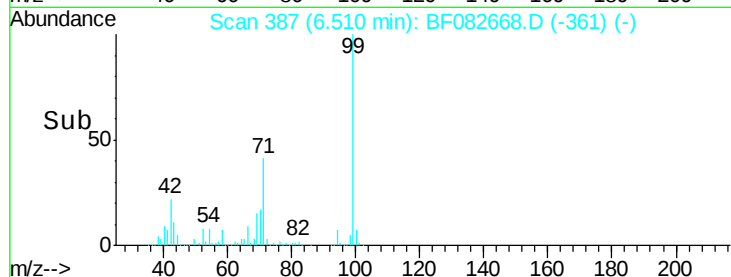
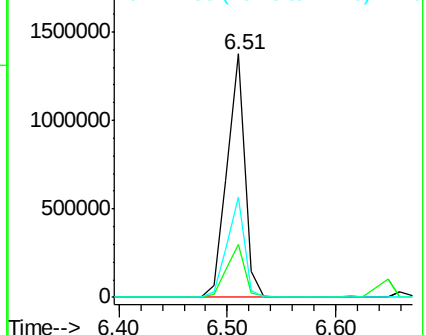
71 41.0 35.0 52.4



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: 32.74 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

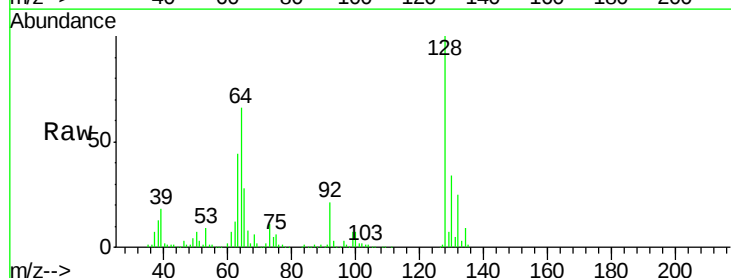
Tgt Ion: 128 Resp: 400995

Ion Ratio Lower Upper

128 100

130 33.9 13.5 53.5

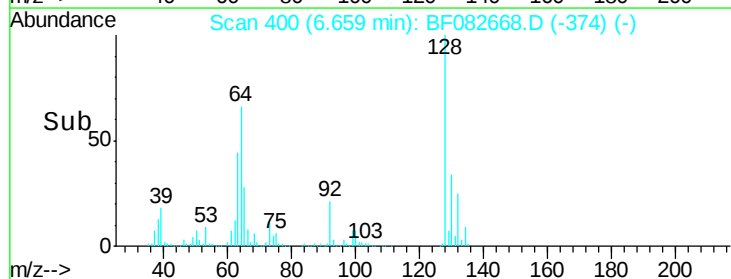
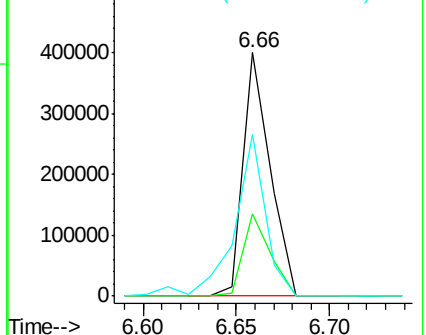
64 66.2 21.1 61.1#

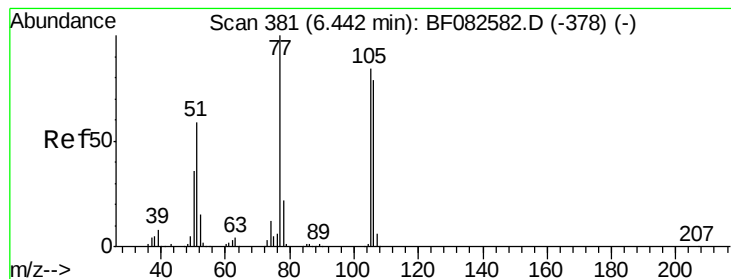


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.13 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

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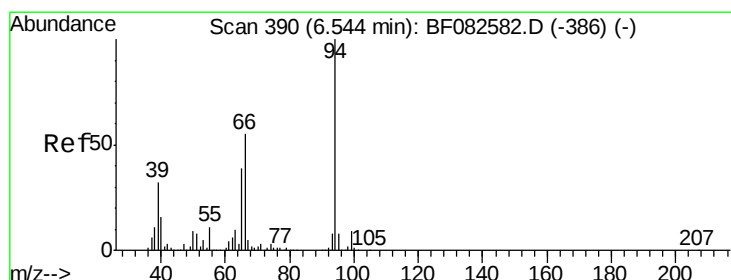
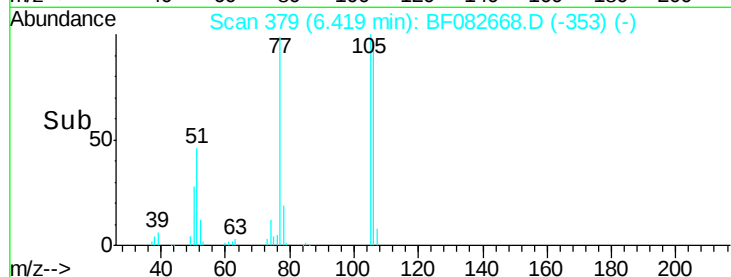
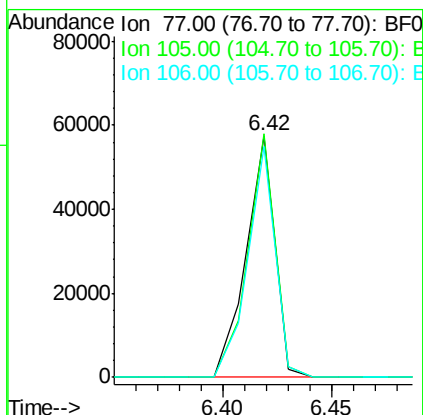
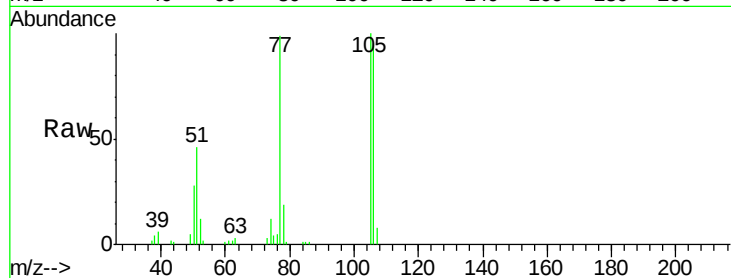
Tgt Ion: 77 Resp: 52665

Ion Ratio Lower Upper

77 100

105 101.0 63.5 103.5

106 95.6 59.3 99.3



#10

Phenol

Concen: 35.24 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

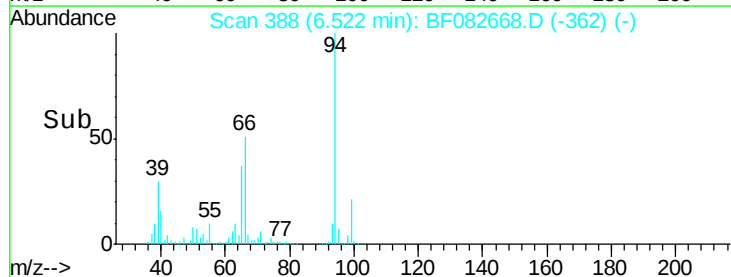
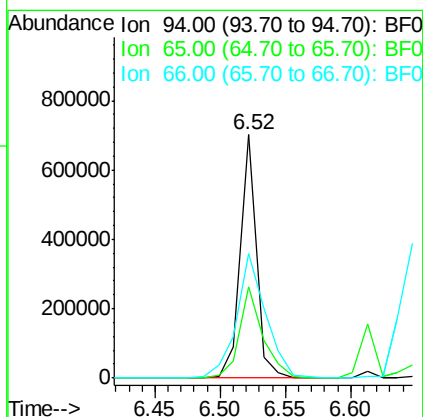
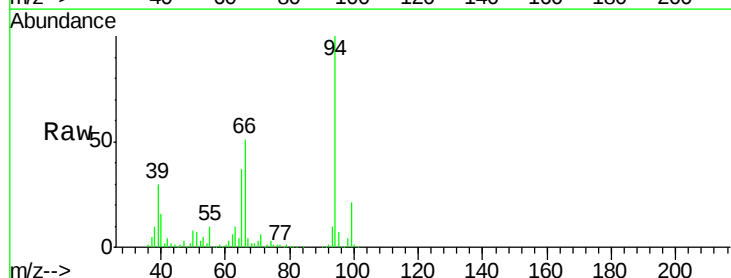
Tgt Ion: 94 Resp: 600539

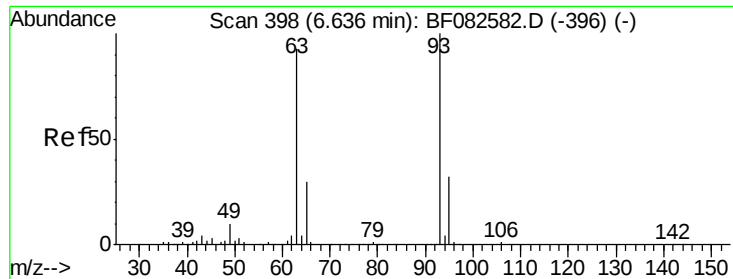
Ion Ratio Lower Upper

94 100

65 37.5 18.9 58.9

66 51.4 34.9 74.9

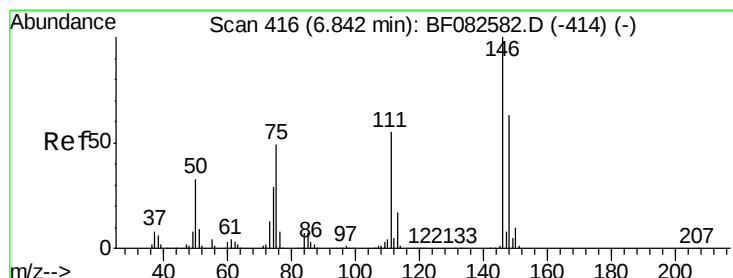
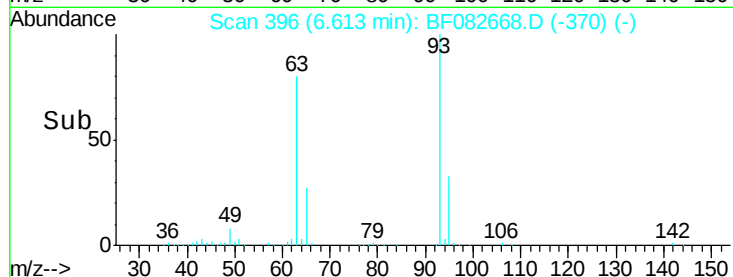
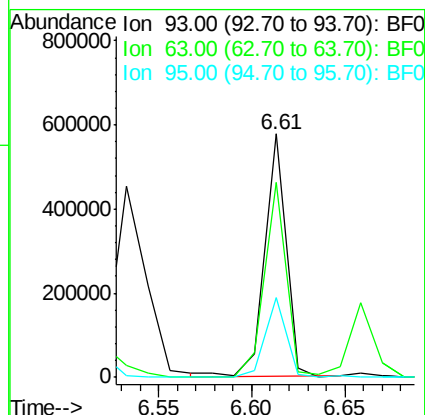
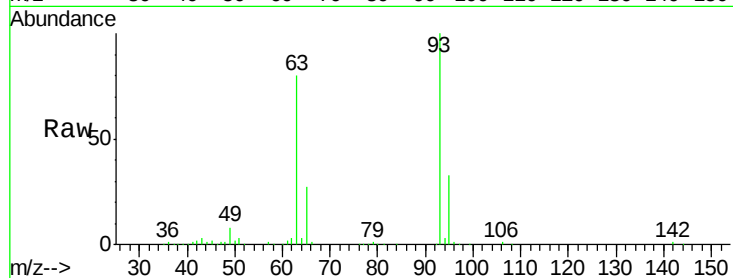




#11
bis(2-Chloroethyl)ether
Concen: 35.84 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

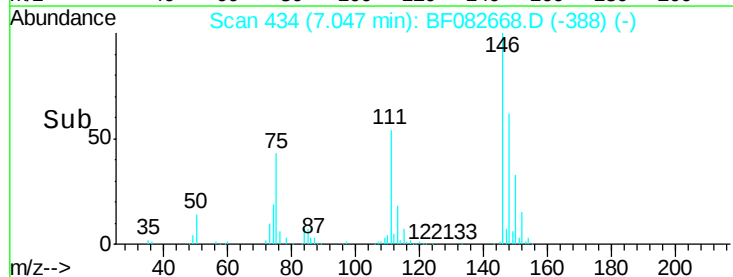
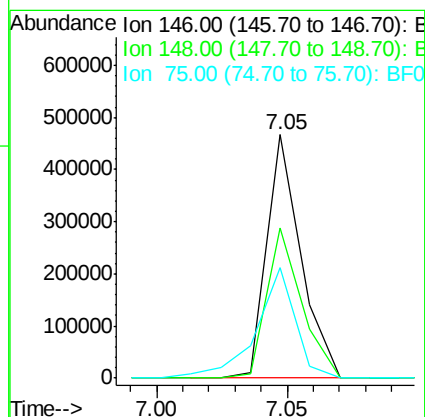
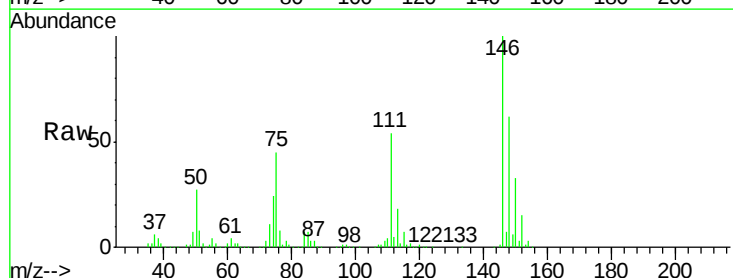
Instrument :
BNA_F
ClientSampleId :
PB86401BS

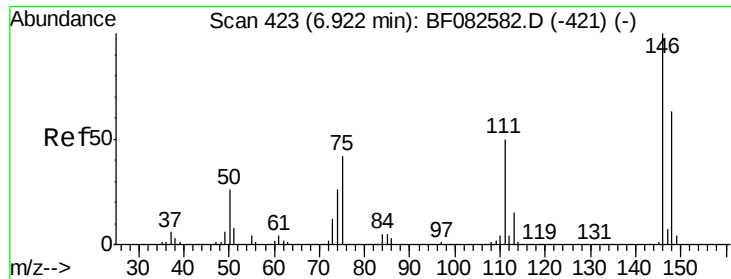
Tgt Ion: 93 Resp: 450511
Ion Ratio Lower Upper
93 100
63 80.3 72.7 112.7
95 32.6 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 30.43 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.23 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion: 146 Resp: 425022
Ion Ratio Lower Upper
146 100
148 61.9 50.5 75.7
75 45.3 39.5 59.3

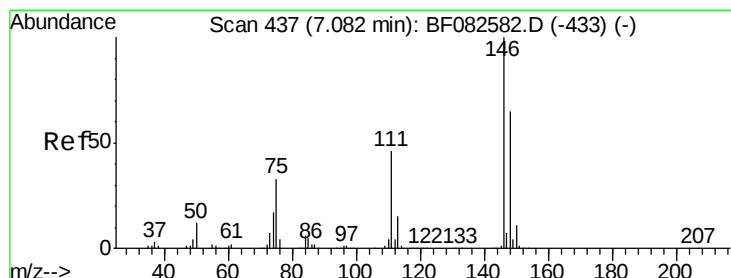
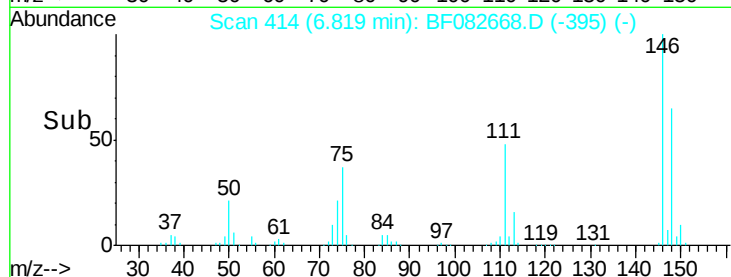
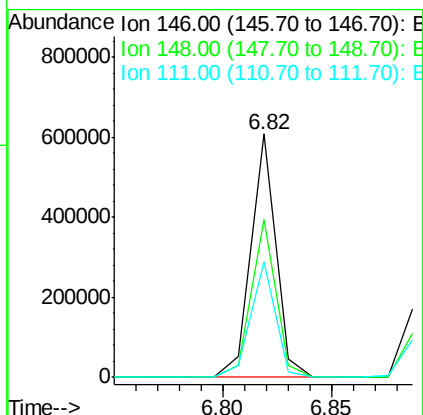
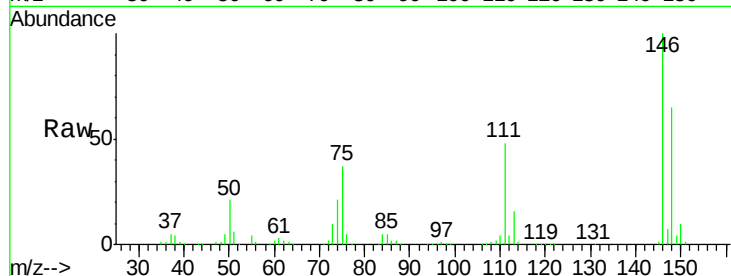




#13
 1,4-Dichlorobenzene
 Concen: 34.92 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.08 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

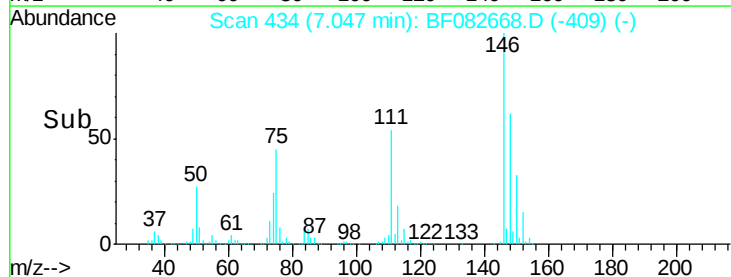
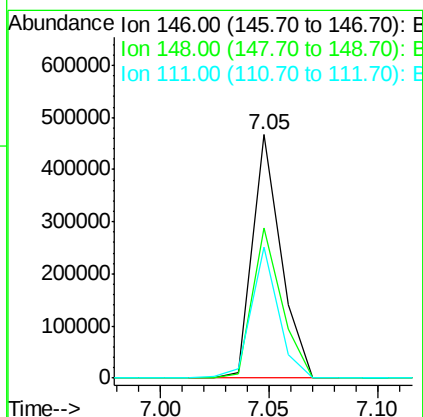
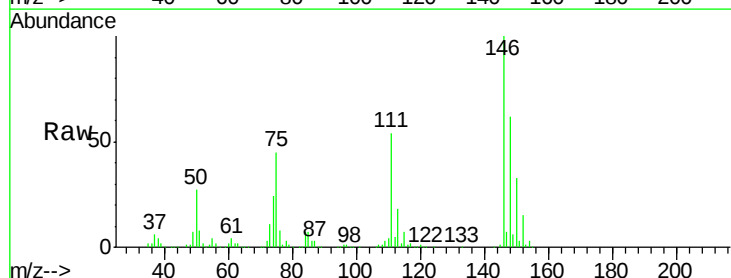
Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

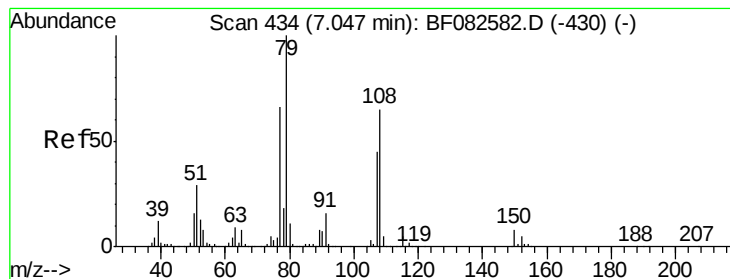
Tgt Ion:146 Resp: 483732
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.8 76.2
 111 47.6 40.6 60.8



#14
 1,2-Dichlorobenzene
 Concen: 33.05 ng
 RT: 7.05 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Tgt Ion:146 Resp: 424939
 Ion Ratio Lower Upper
 146 100
 148 61.9 52.2 78.4
 111 53.7 36.6 55.0





#15

Benzyl Alcohol

Concen: 32.69 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

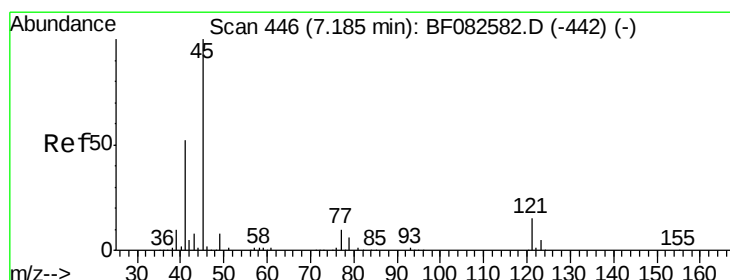
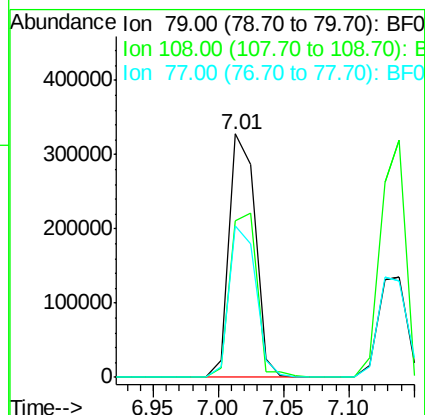
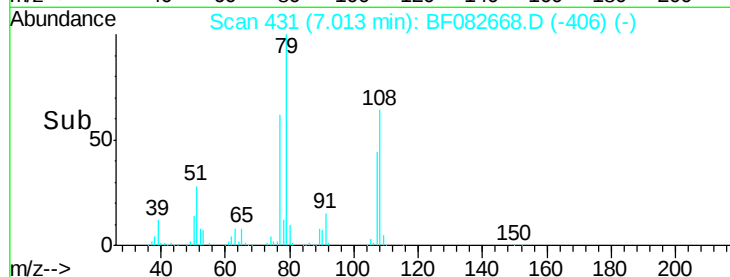
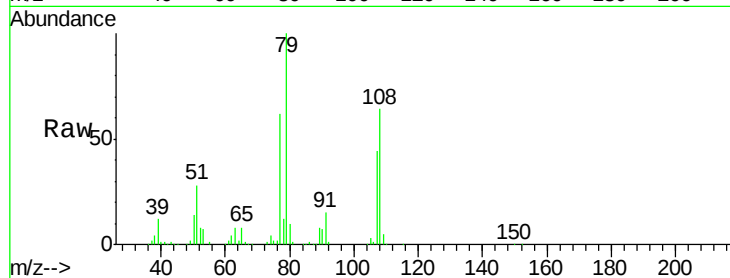
Tgt Ion: 79 Resp: 458403

Ion Ratio Lower Upper

79 100

108 64.5 52.2 78.4

77 62.3 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.44 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

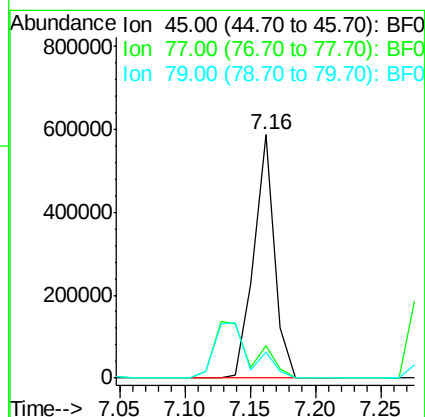
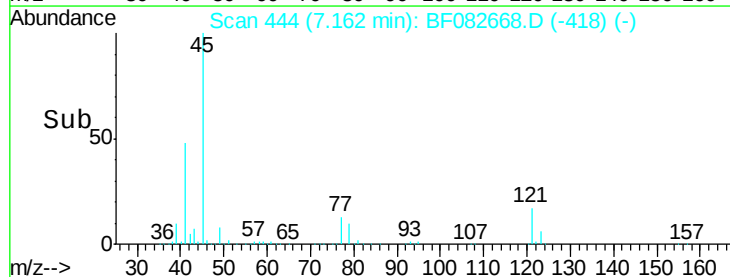
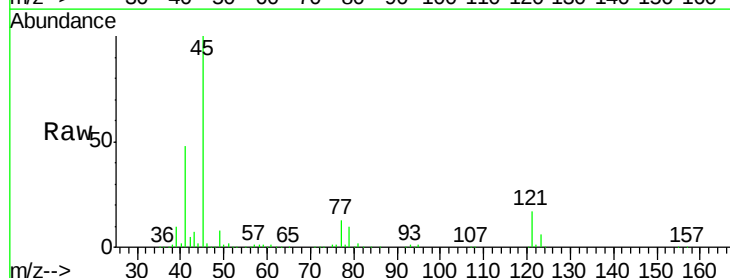
Tgt Ion: 45 Resp: 648061

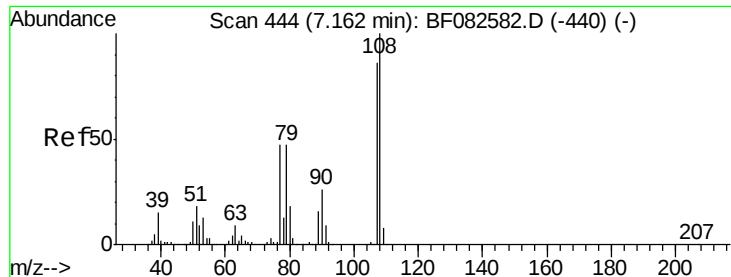
Ion Ratio Lower Upper

45 100

77 13.3 0.0 32.6

79 10.5 0.0 29.2

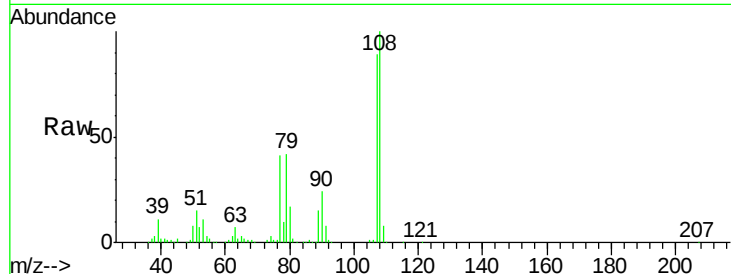




#17
2-Methylphenol
Concen: 35.90 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Instrument :
BNA_F
ClientSampleId :
PB86401BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.4	93.0	139.4
77	45.7	44.1	66.1
79	47.2	43.6	65.4



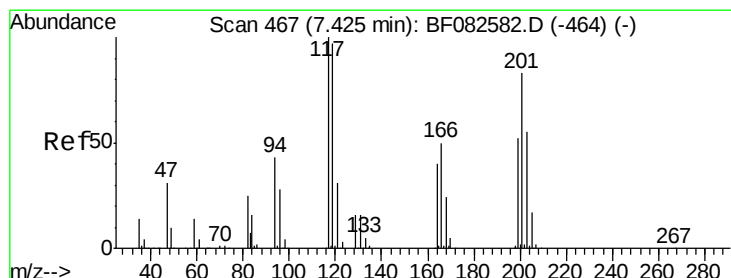
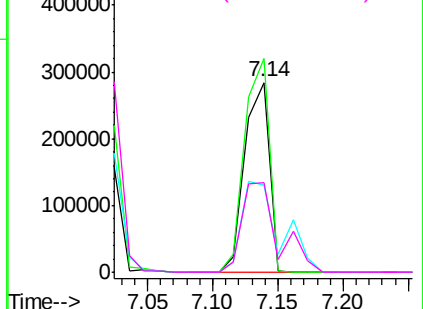
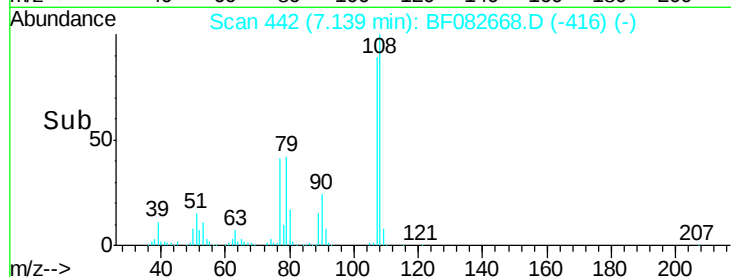
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

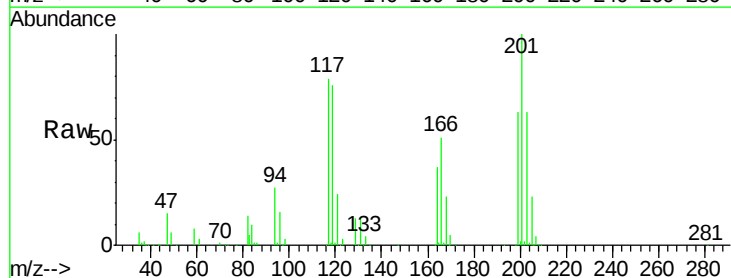
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 32.26 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.7	116.5
201	126.9	66.7	100.1#

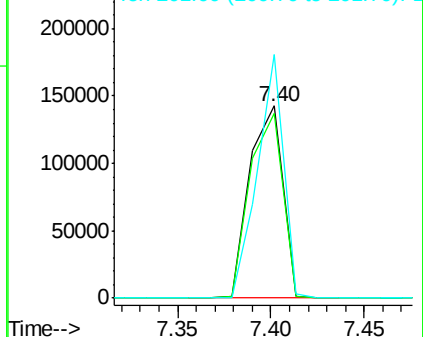
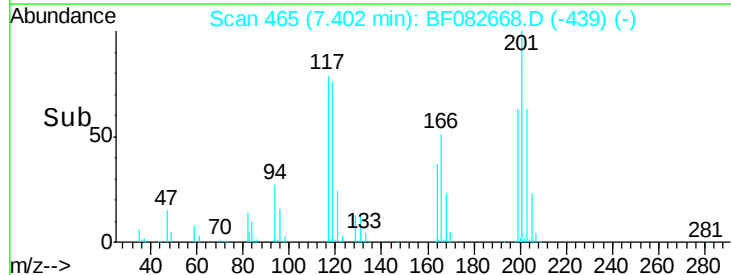


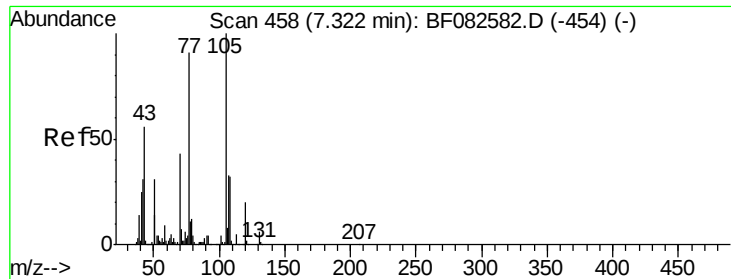
Abundance

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

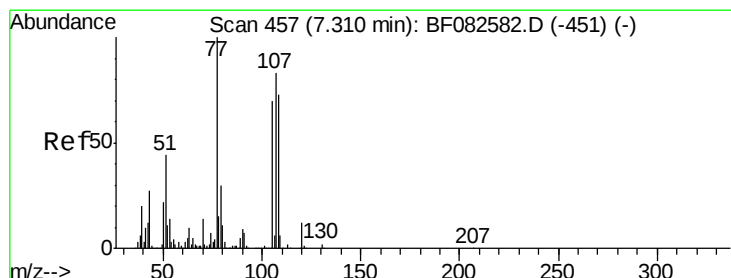
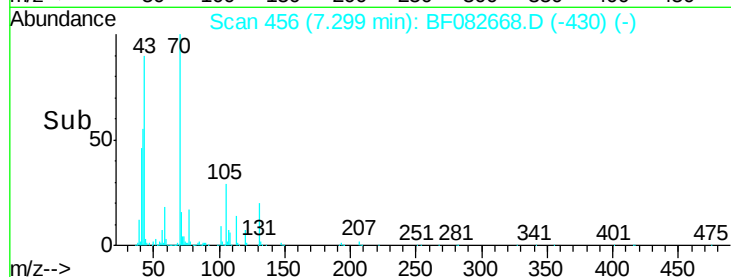
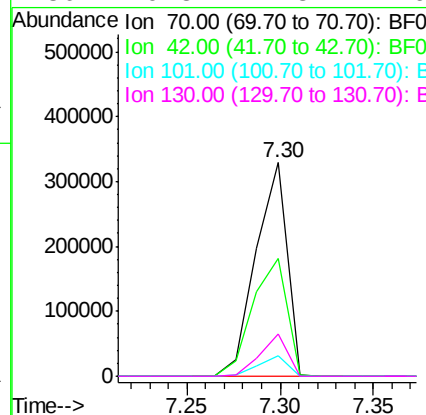
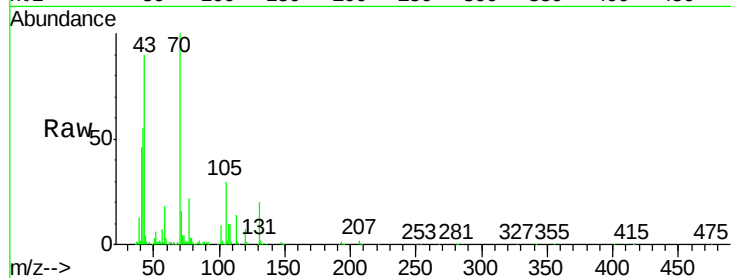




#19
n-Nitroso-di-n-propylamine
Concen: 33.43 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

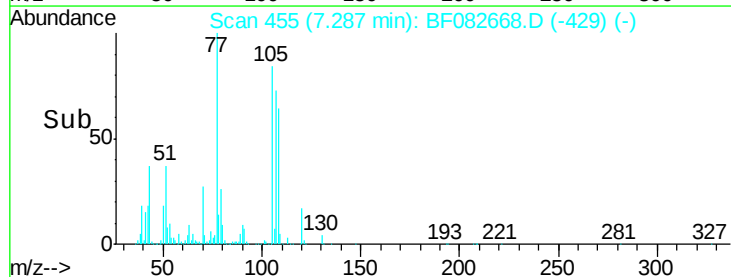
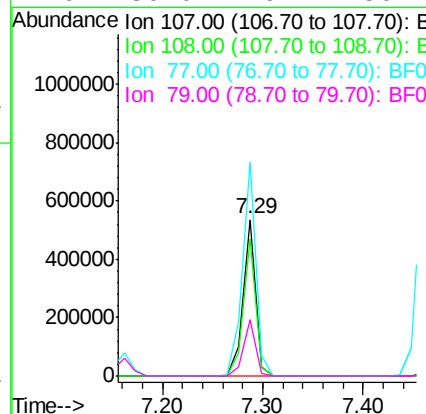
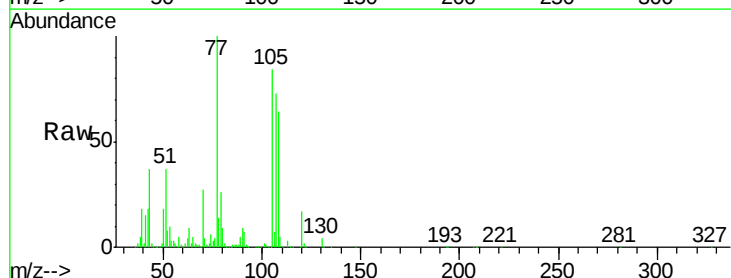
Instrument :
BNA_F
ClientSampleId :
PB86401BS

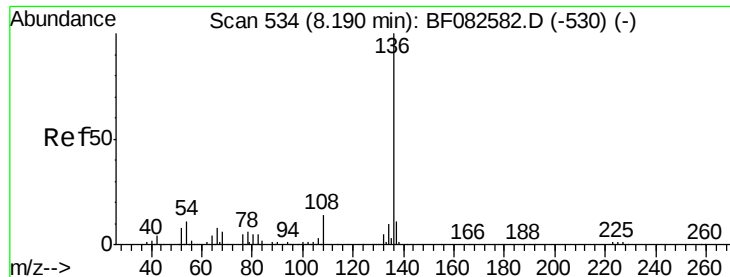
Tgt Ion: 70 Resp: 381124
Ion Ratio Lower Upper
70 100
42 55.0 57.7 86.5#
101 9.4 7.0 10.6
130 19.8 11.8 17.6#



#20
3+4-Methylphenols
Concen: 34.29 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion: 107 Resp: 464089
Ion Ratio Lower Upper
107 100
108 87.8 67.3 107.3
77 136.3 100.3 140.3
79 36.0 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

Tgt Ion:136 Resp: 671915

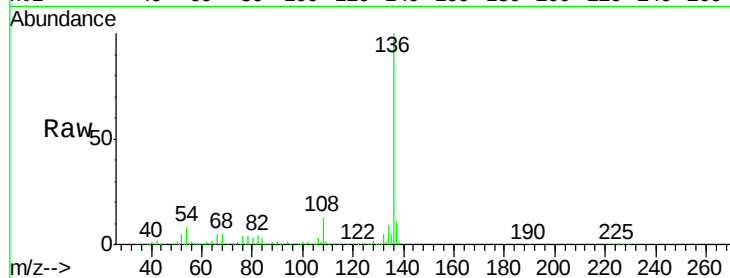
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.2 9.1 13.7#

68 4.7 4.8 7.2#



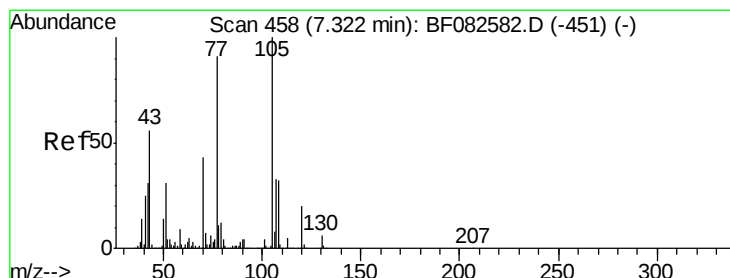
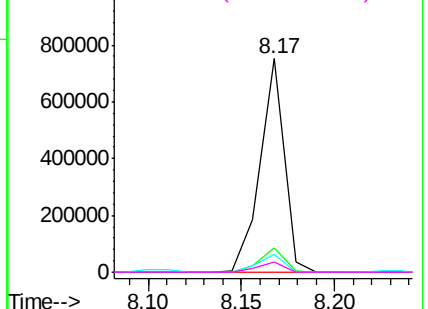
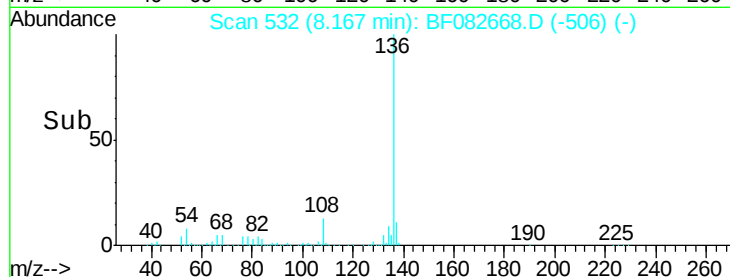
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 30.48 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Tgt Ion:105 Resp: 602968

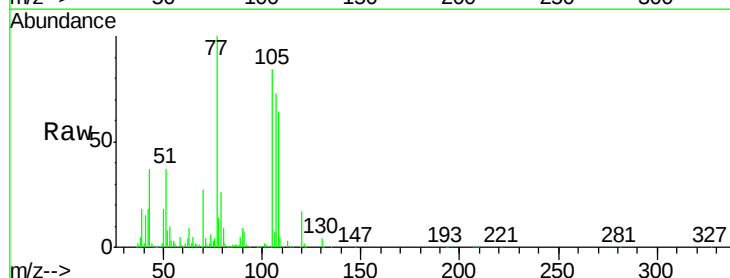
Ion Ratio Lower Upper

105 100

71 5.0 5.6 8.4#

51 44.6 24.9 37.3#

120 19.9 15.8 23.8



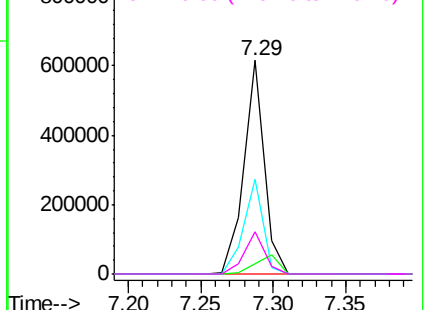
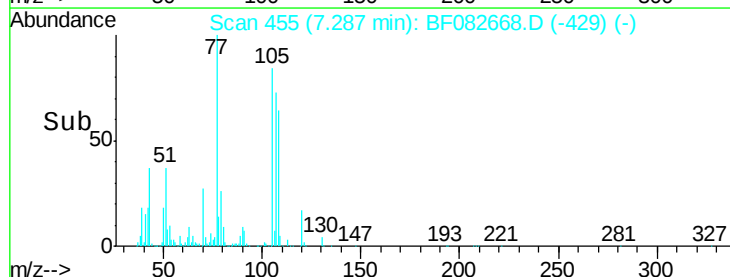
Abundance

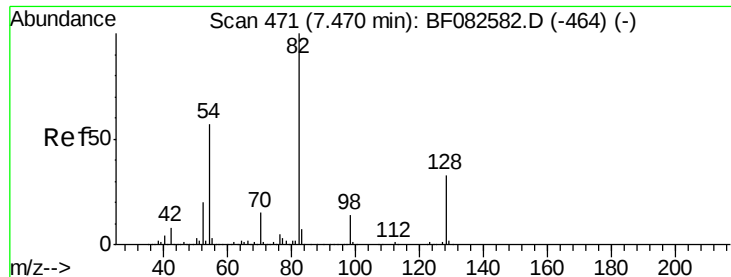
Ion 105.00 (104.70 to 105.70): E

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

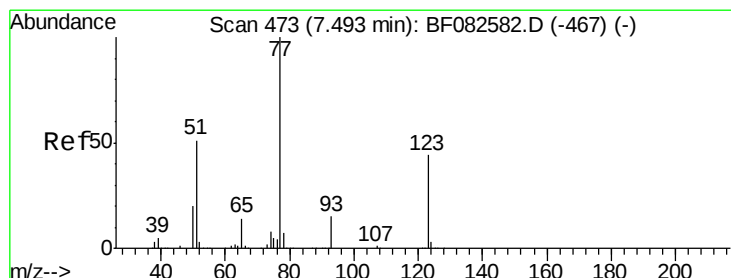
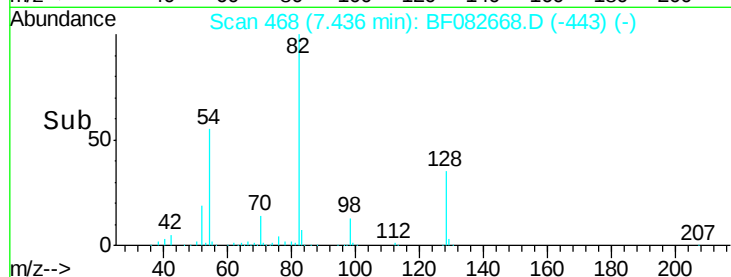
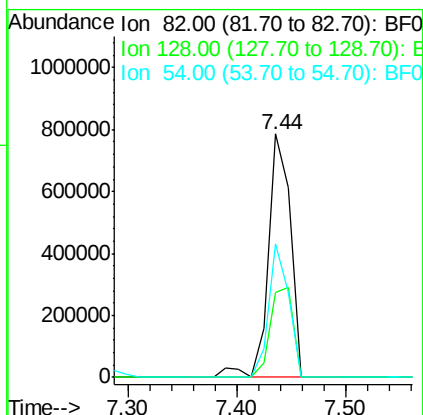
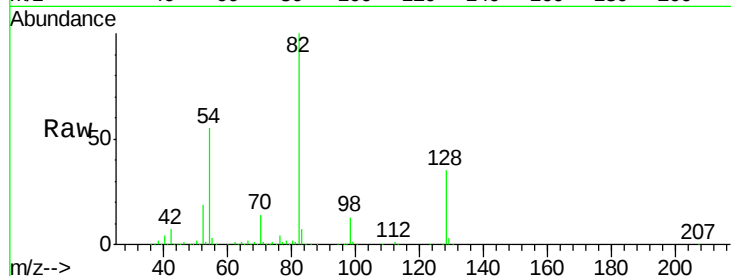




#23
 Nitrobenzene-d5
 Concen: 67.35 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

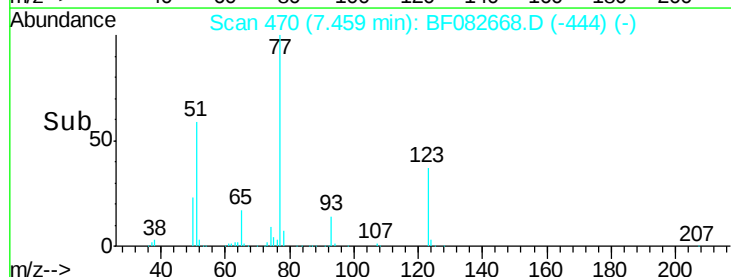
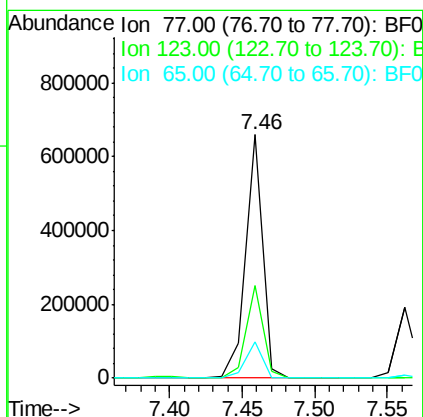
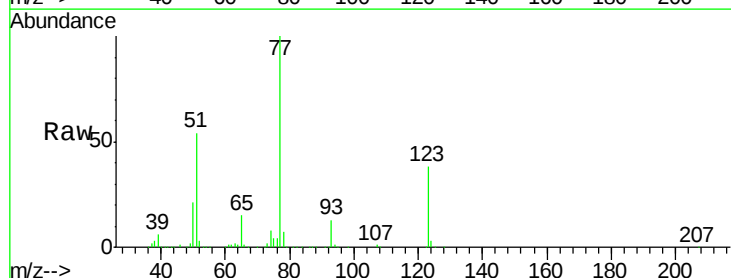
Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

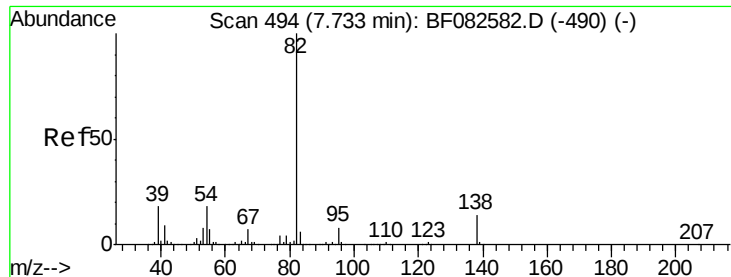
Tgt Ion: 82 Resp: 1108141
 Ion Ratio Lower Upper
 82 100
 128 35.1 26.8 40.2
 54 54.7 45.7 68.5



#24
 Nitrobenzene
 Concen: 32.45 ng
 RT: 7.46 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Tgt Ion: 77 Resp: 539784
 Ion Ratio Lower Upper
 77 100
 123 37.9 36.4 54.6
 65 14.9 11.5 17.3





#25

Isophorone

Concen: 30.42 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

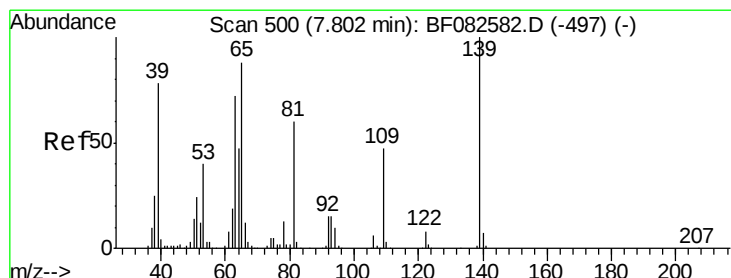
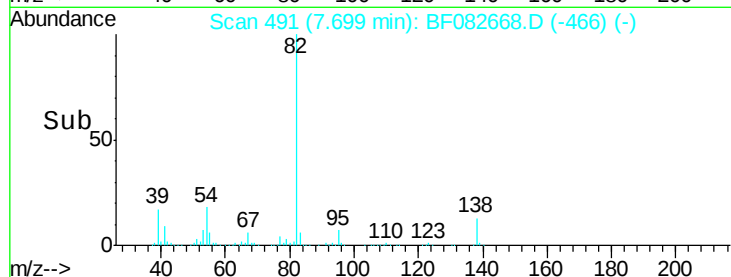
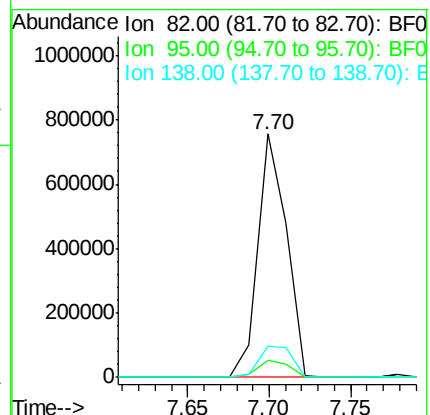
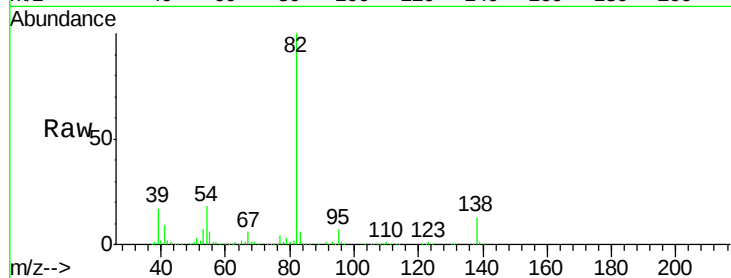
Tgt Ion: 82 Resp: 920881

Ion Ratio Lower Upper

82 100

95 7.2 6.6 9.8

138 13.0 11.4 17.0



#26

2-Nitrophenol

Concen: 37.93 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

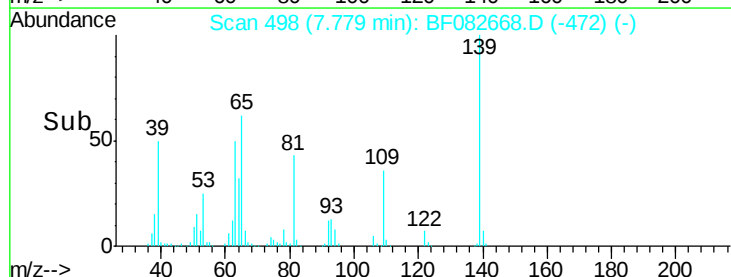
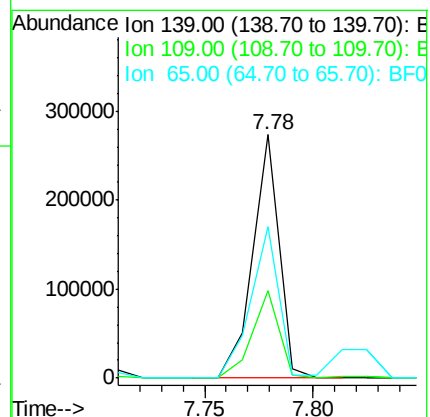
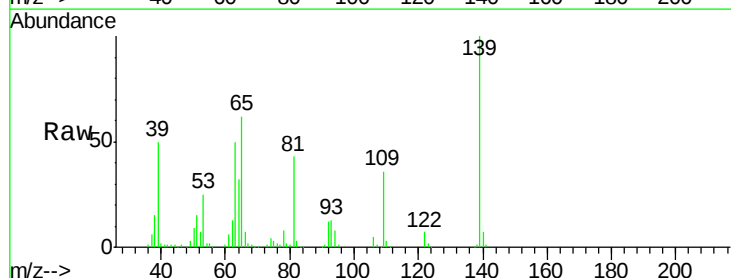
Tgt Ion: 139 Resp: 230452

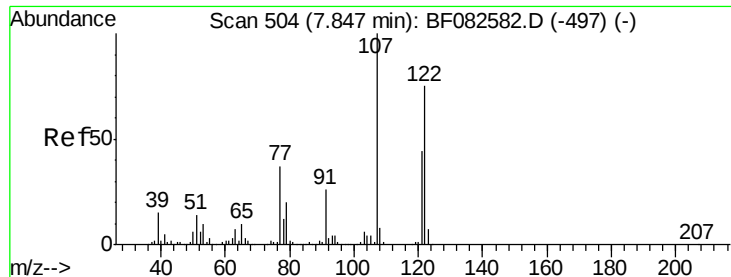
Ion Ratio Lower Upper

139 100

109 35.8 37.6 56.4#

65 62.2 70.6 105.8#

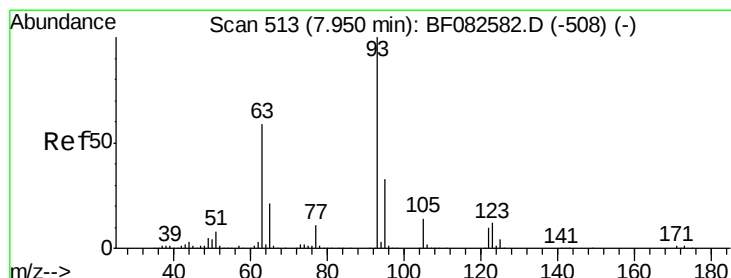
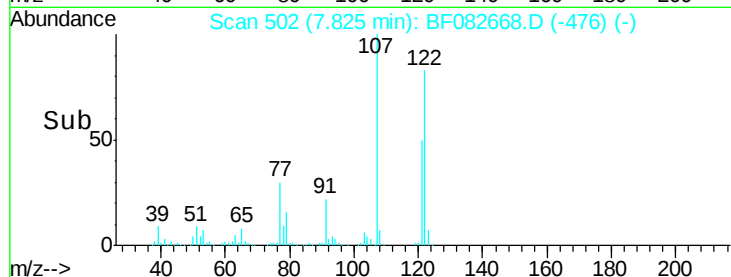
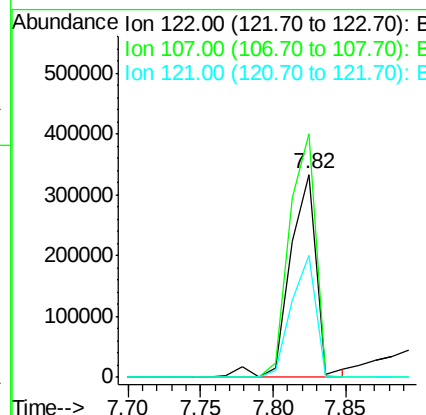
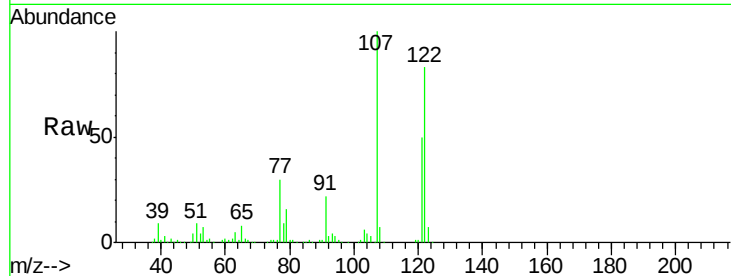




#27
2,4-Dimethylphenol
Concen: 35.59 ng
RT: 7.82 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

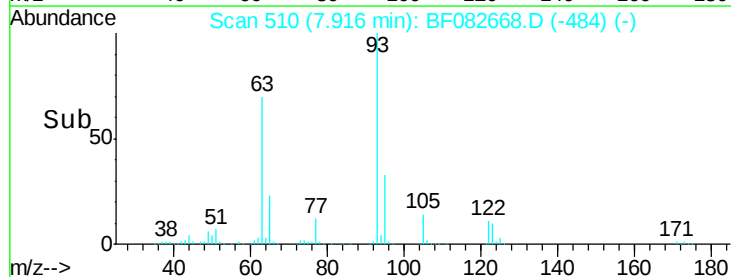
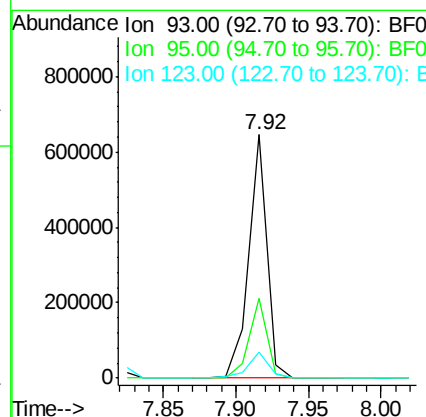
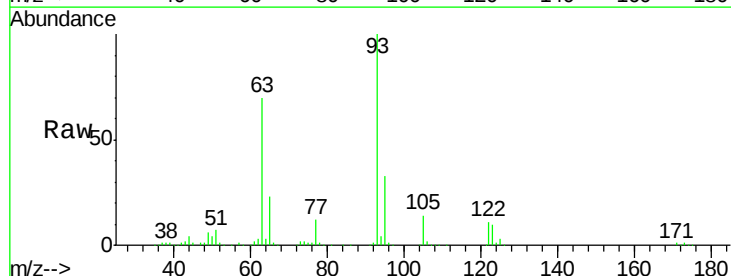
Instrument :
BNA_F
ClientSampleId :
PB86401BS

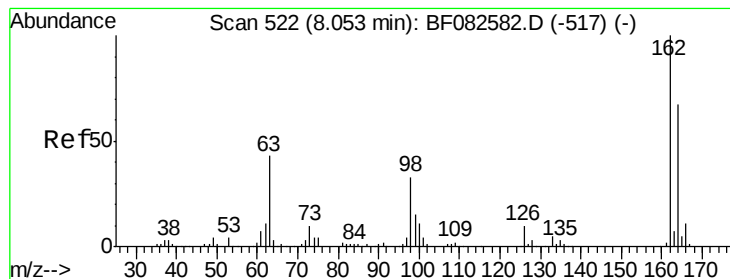
Tgt Ion:122 Resp: 422135
Ion Ratio Lower Upper
122 100
107 119.8 106.0 159.0
121 60.0 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 33.77 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion: 93 Resp: 559120
Ion Ratio Lower Upper
93 100
95 32.6 26.6 40.0
123 10.5 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 33.51 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

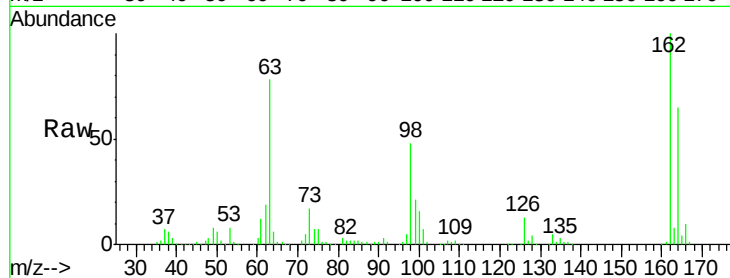
Tgt Ion:162 Resp: 362228

Ion Ratio Lower Upper

162 100

164 64.5 46.8 86.8

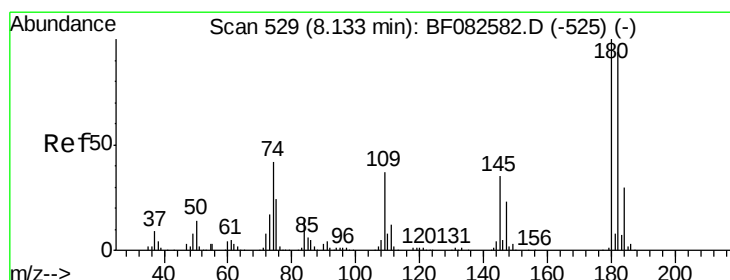
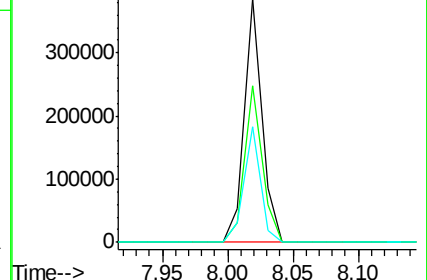
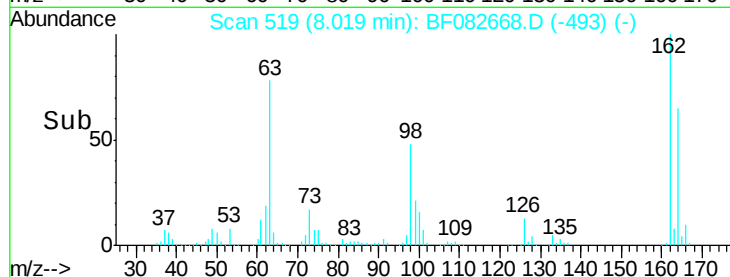
98 47.7 12.5 52.5



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: 34.16 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

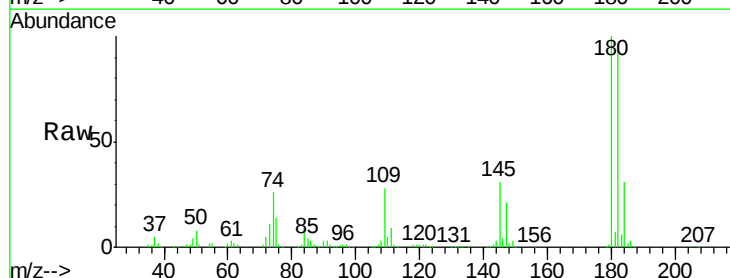
Tgt Ion:180 Resp: 409788

Ion Ratio Lower Upper

180 100

182 97.4 74.9 112.3

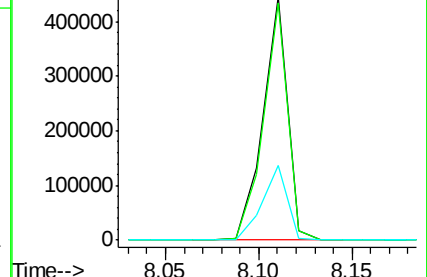
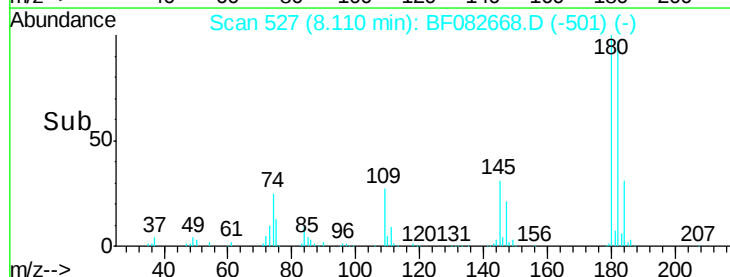
145 30.6 27.8 41.8

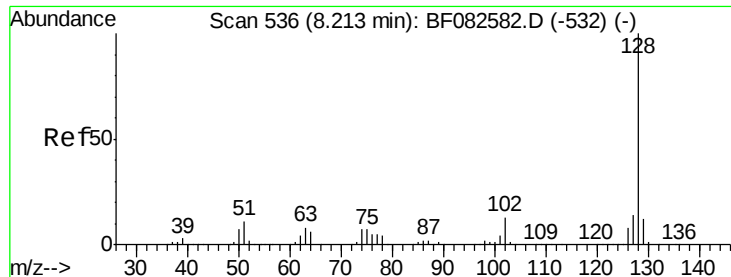


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

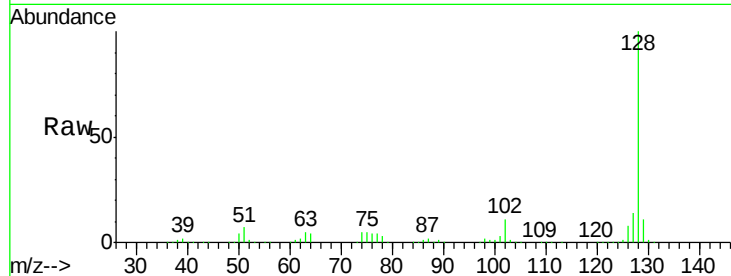




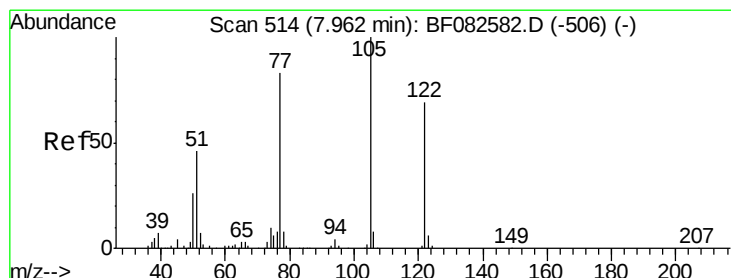
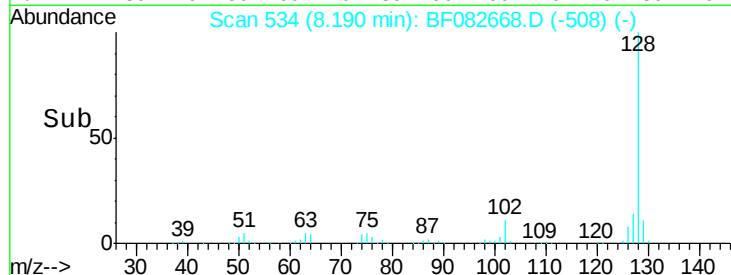
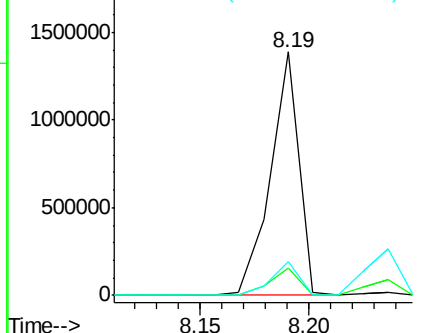
#31
Naphthalene
Concen: 35.01 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Instrument :
BNA_F
ClientSampleId :
PB86401BS

Tgt Ion:128 Resp: 1272737
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.7 11.4 17.0

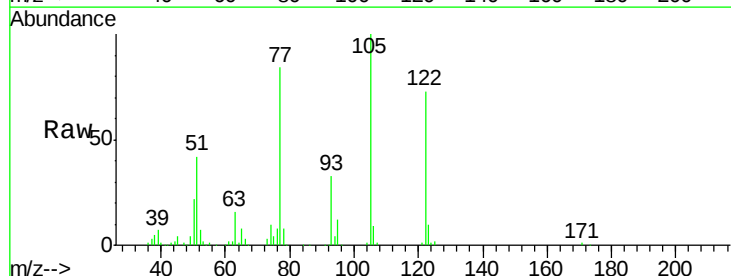


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

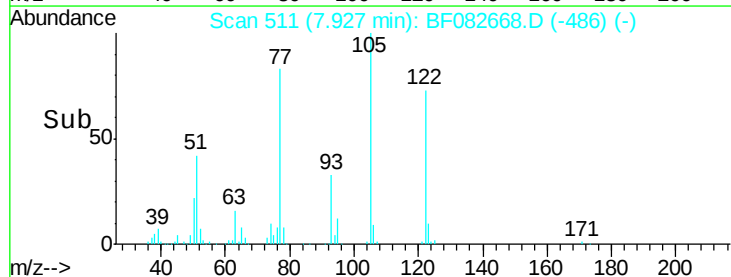
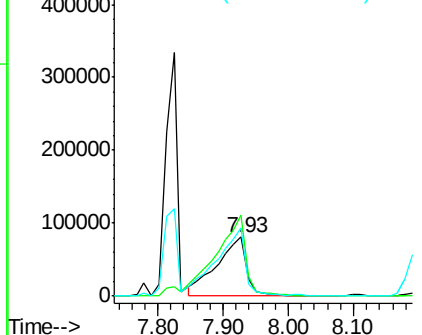


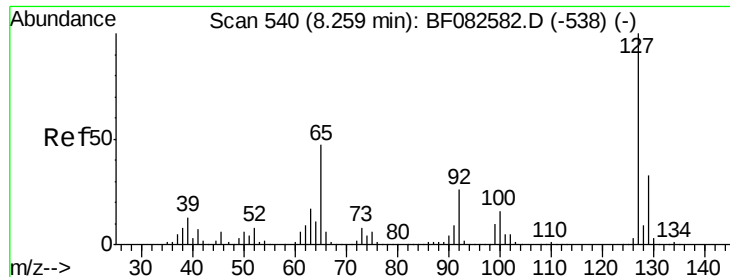
#32
Benzoic acid
Concen: 29.89 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion:122 Resp: 257215
Ion Ratio Lower Upper
122 100
105 136.8 122.6 162.6
77 114.6 100.9 140.9



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

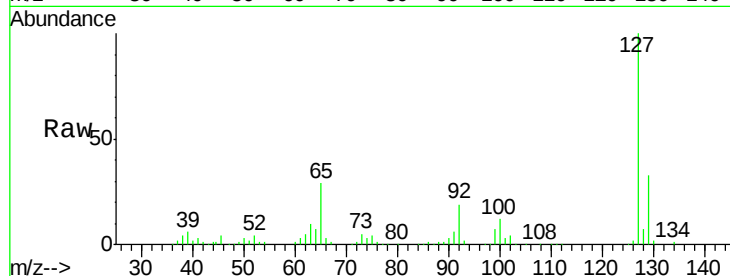




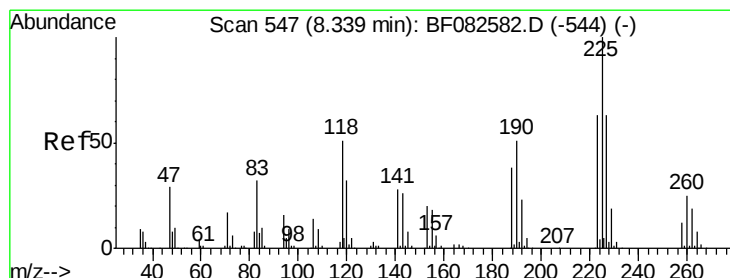
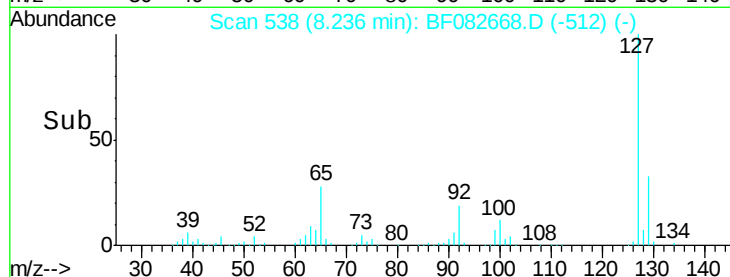
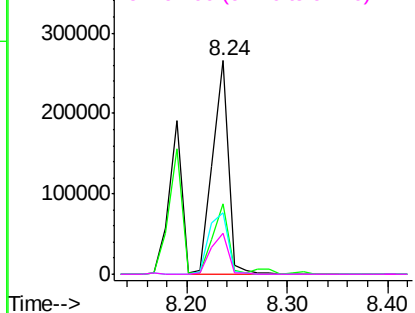
#33
4-Chloroaniline
Concen: 18.78 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Instrument :
BNA_F
ClientSampleId :
PB86401BS

Tgt Ion:	127	Resp:	291454
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	28.7	37.8	56.8#
92	19.0	20.6	31.0#

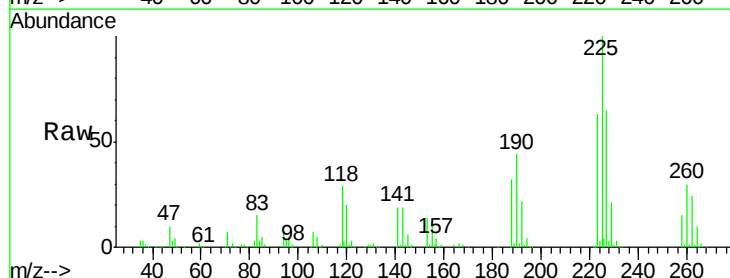


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

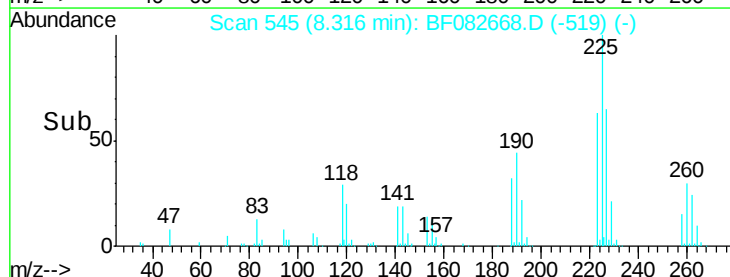
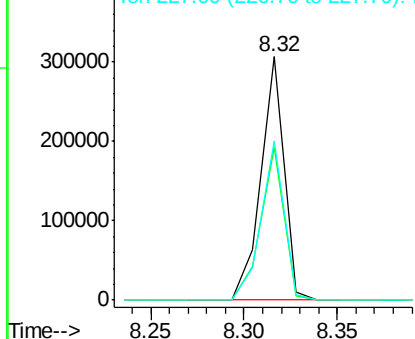


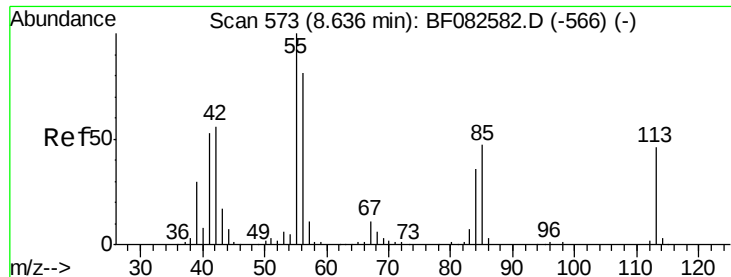
#34
Hexachlorobutadiene
Concen: 34.25 ng
RT: 8.32 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion:	225	Resp:	261312
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.5	75.7
227	65.4	50.2	75.2



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

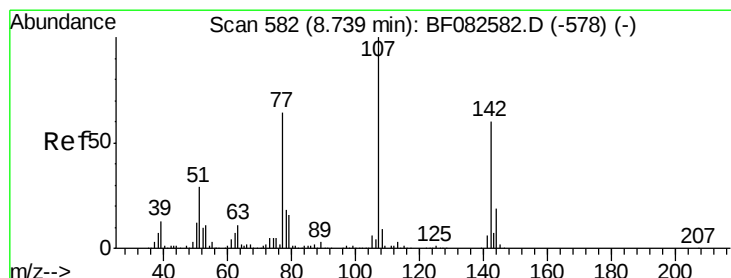
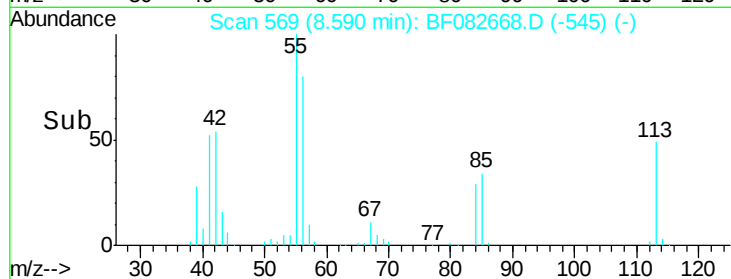
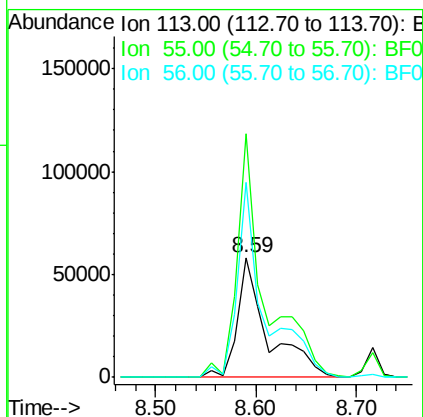
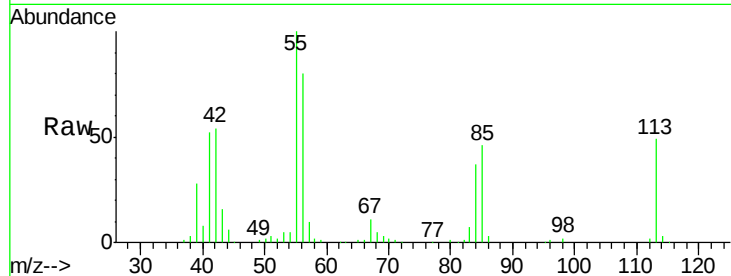




#35
 Caprolactam
 Concen: 36.74 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.02 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

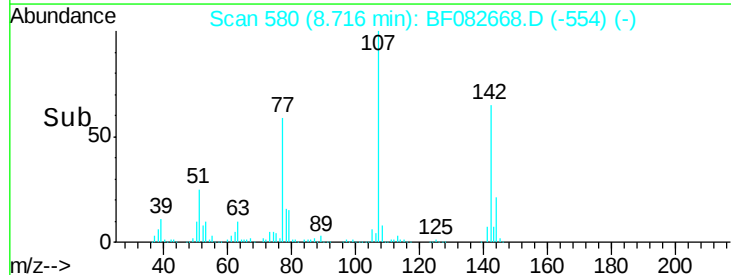
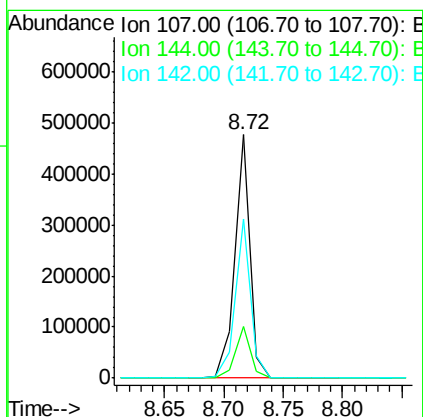
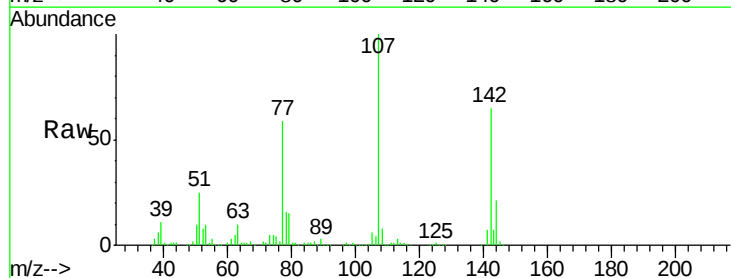
Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

Tgt Ion:113 Resp: 121850
 Ion Ratio Lower Upper
 113 100
 55 203.6 195.5 235.5
 56 163.3 153.5 193.5



#36
 4-Chloro-3-methylphenol
 Concen: 33.26 ng
 RT: 8.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Tgt Ion:107 Resp: 423364
 Ion Ratio Lower Upper
 107 100
 144 21.0 15.4 23.0
 142 65.2 47.8 71.8





#37

2-Methylnaphthalene

Concen: 31.96 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

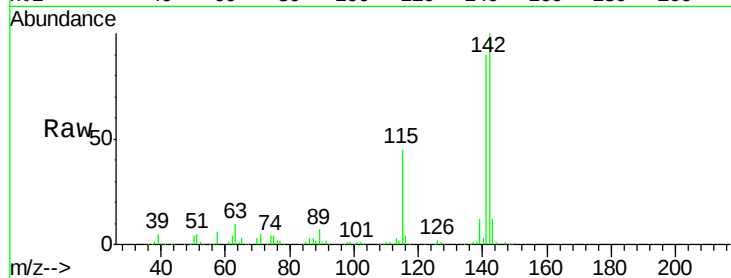
Tgt Ion:142 Resp: 753148

Ion Ratio Lower Upper

142 100

141 90.5 72.3 108.5

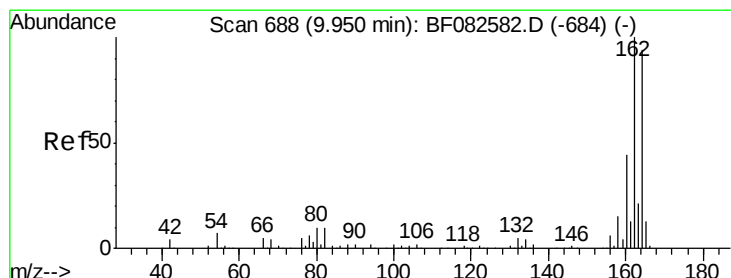
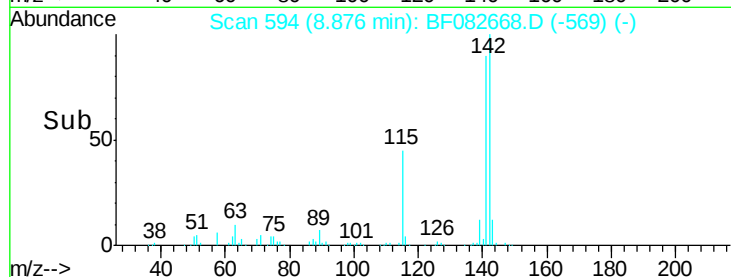
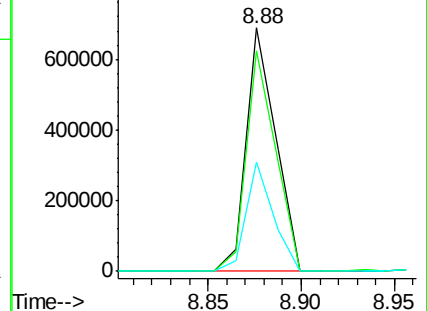
115 45.1 38.1 57.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

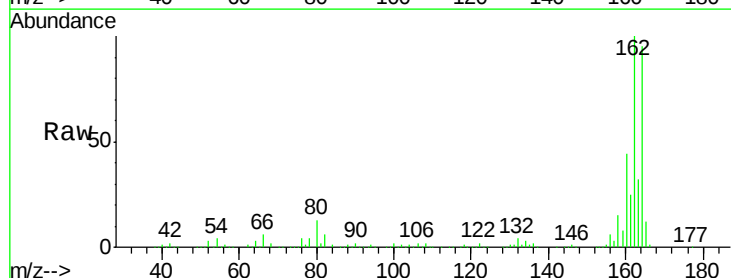
Tgt Ion:164 Resp: 340367

Ion Ratio Lower Upper

164 100

162 105.2 84.9 127.3

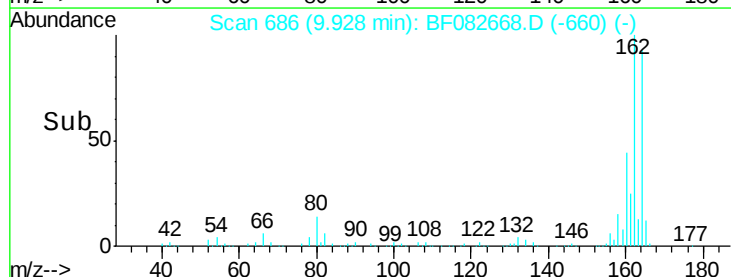
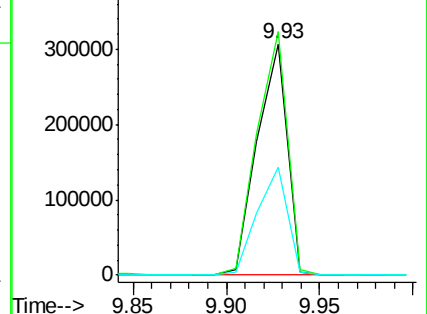
160 46.7 37.5 56.3

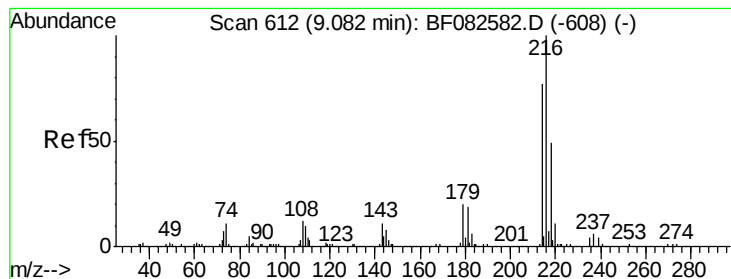


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.96 ng

RT: 9.05 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

Tgt Ion:216 Resp: 374312

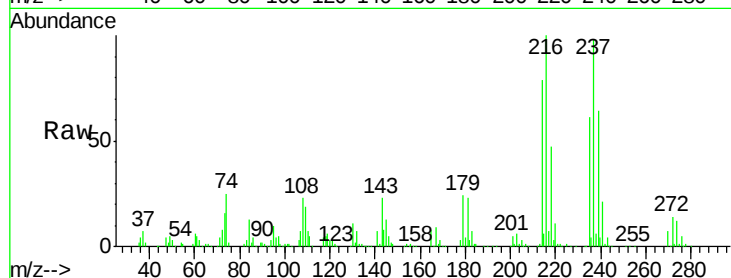
Ion Ratio Lower Upper

216 100

214 78.9 62.2 93.2

179 23.2 18.1 27.1

108 24.9 16.6 25.0

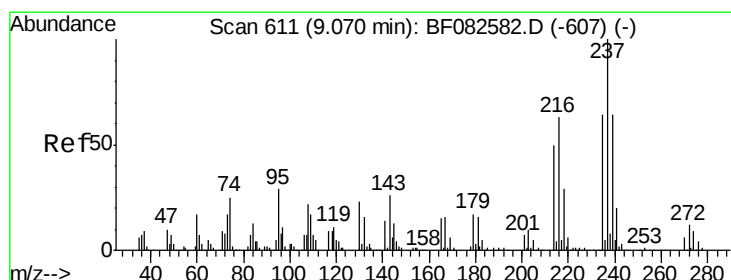
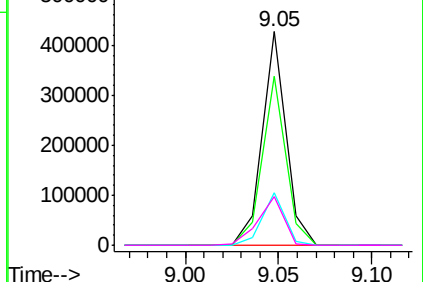
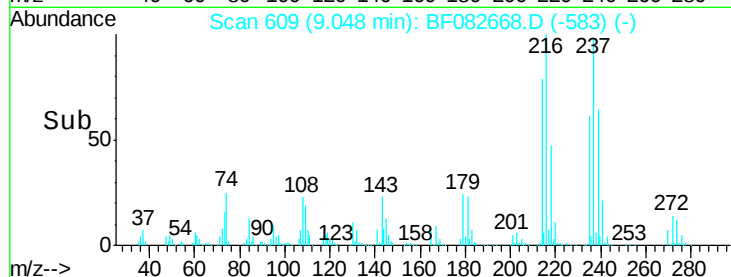


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.41 ng

RT: 9.05 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

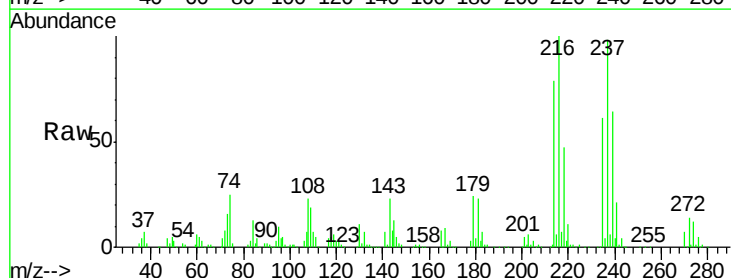
Tgt Ion:237 Resp: 509863

Ion Ratio Lower Upper

237 100

235 62.3 44.3 84.3

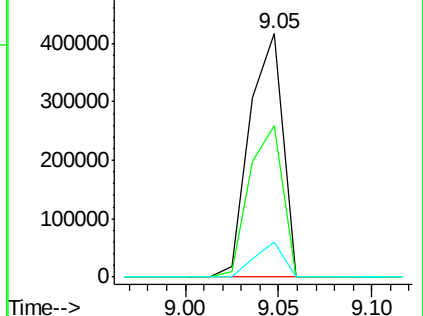
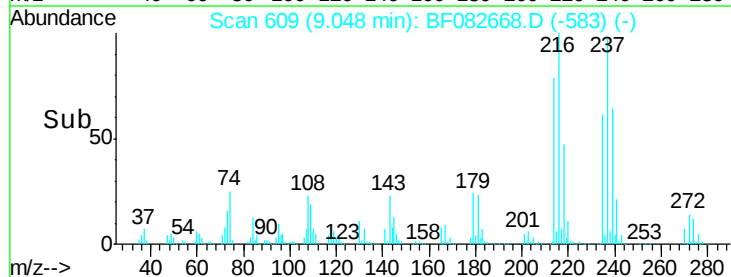
272 14.5 0.0 31.9

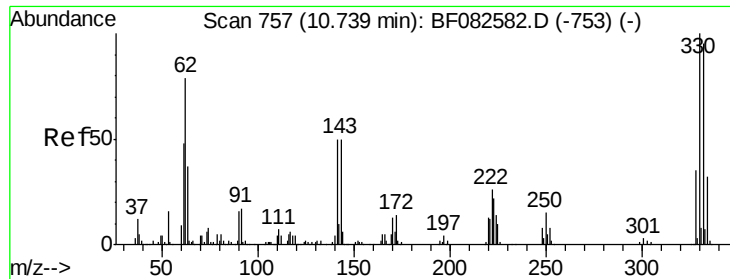


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

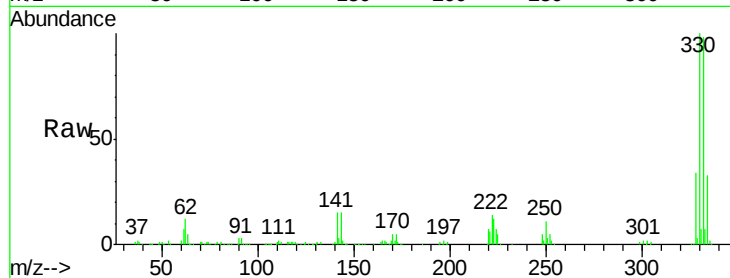




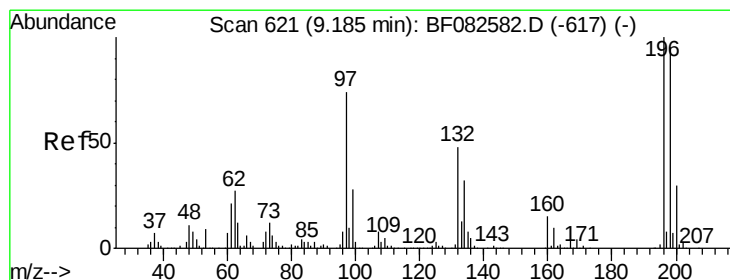
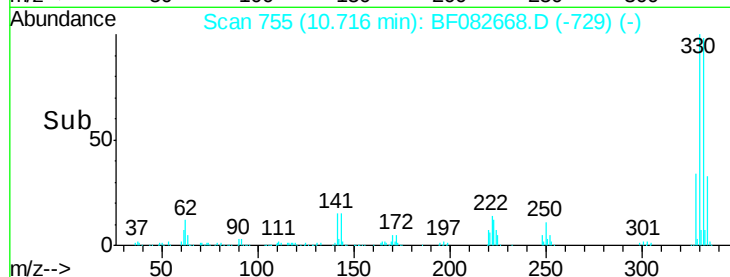
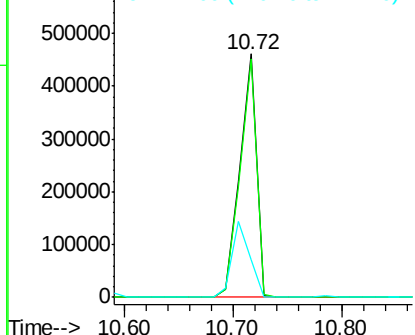
#41
 2,4,6-Tribromophenol
 Concen: 129.16 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

Tgt Ion:330 Resp: 481109
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 33.4 41.2 61.8#

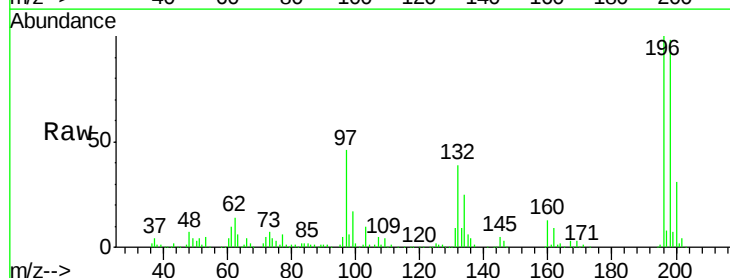


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

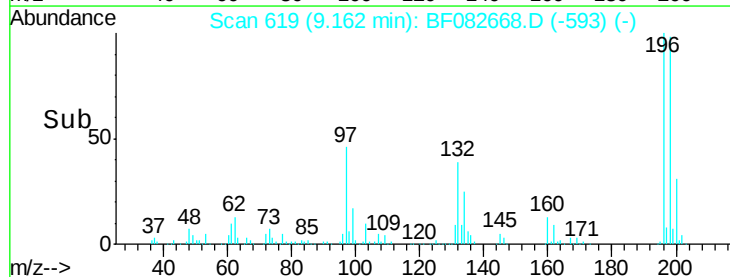
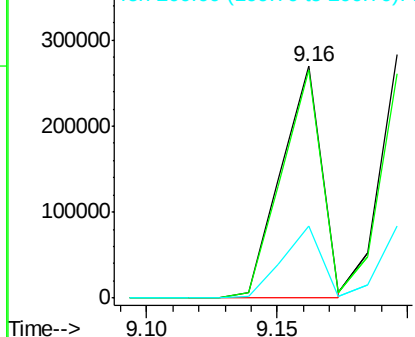


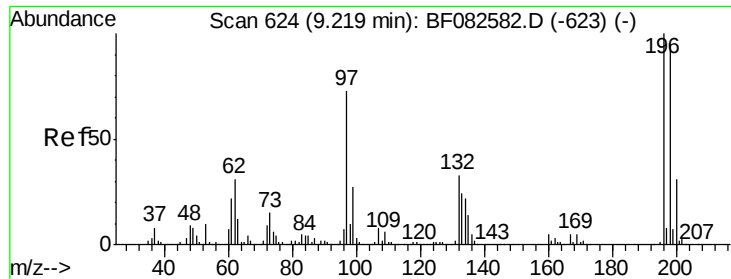
#42
 2,4,6-Trichlorophenol
 Concen: 35.17 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Tgt Ion:196 Resp: 288414
 Ion Ratio Lower Upper
 196 100
 198 98.4 76.3 114.5
 200 30.9 23.9 35.9



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

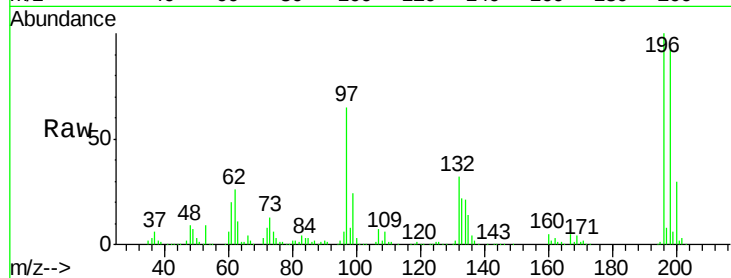




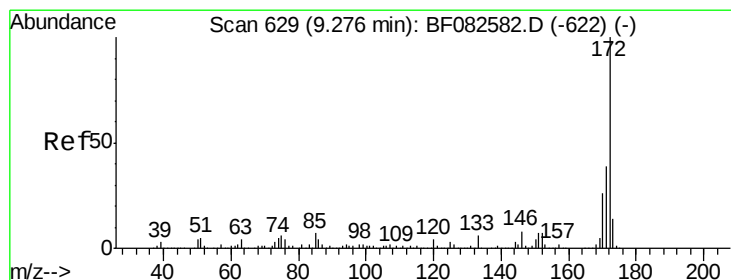
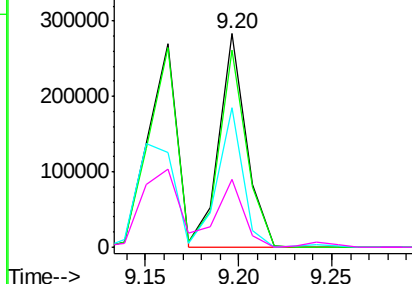
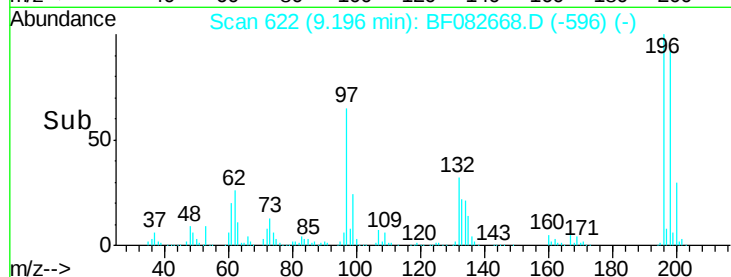
#43
 2,4,5-Trichlorophenol
 Concen: 35.39 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

Tgt Ion:196 Resp: 289181
 Ion Ratio Lower Upper
 196 100
 198 92.4 75.8 113.8
 97 65.2 62.3 93.5
 132 31.7 27.4 41.2

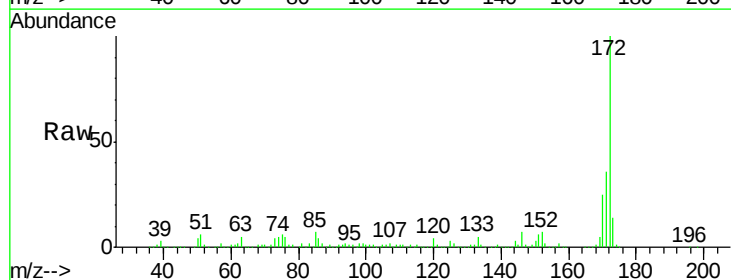


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

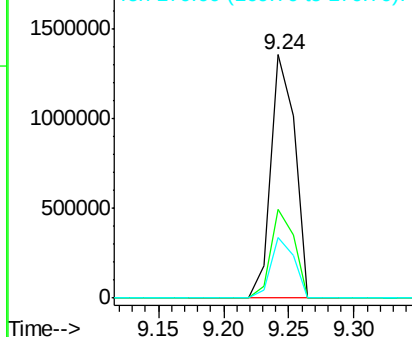
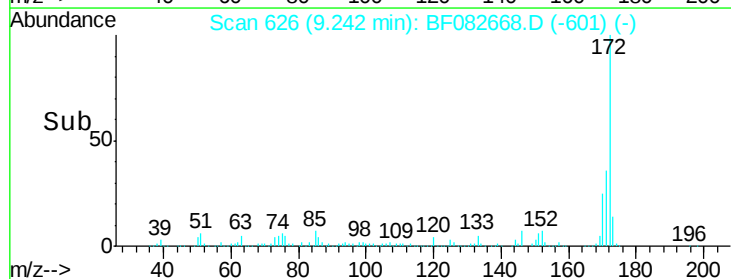


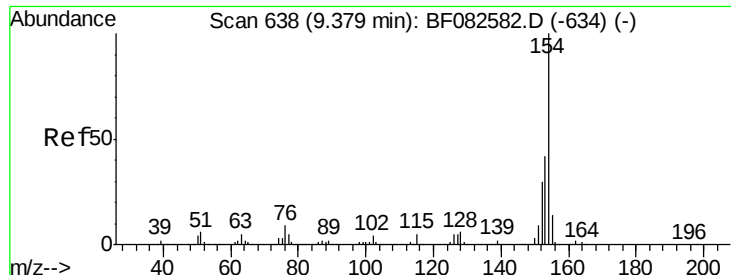
#44
 2-Fluorobiphenyl
 Concen: 73.18 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Tgt Ion:172 Resp: 1754278
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.8 46.2
 170 25.0 21.2 31.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

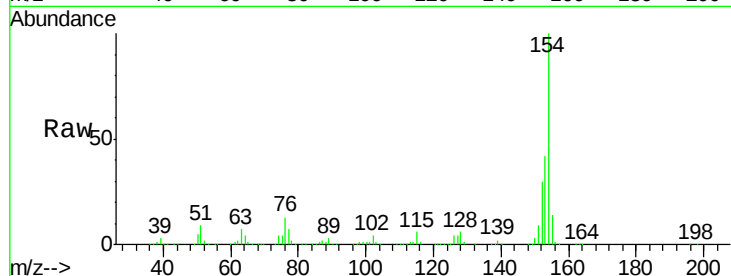




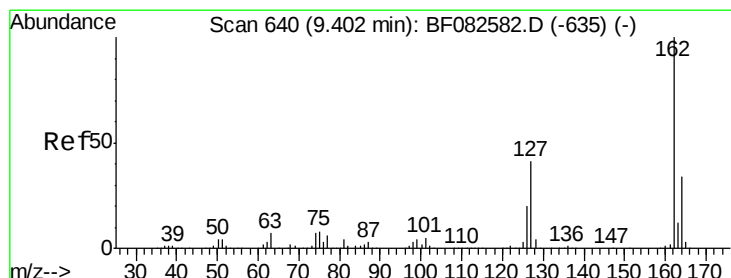
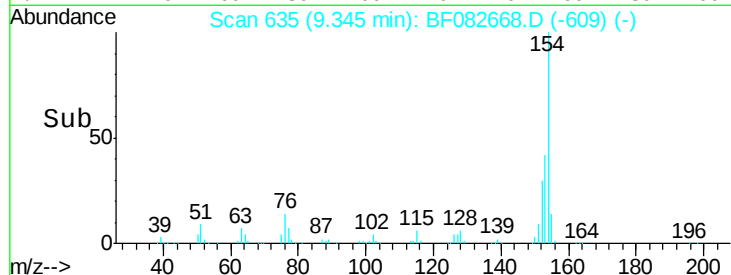
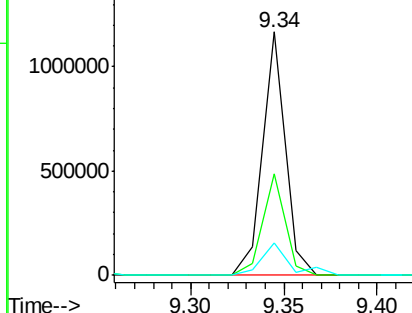
#45
 1,1'-Biphenyl
 Concen: 34.08 ng
 RT: 9.34 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

Tgt Ion:154 Resp: 979753
 Ion Ratio Lower Upper
 154 100
 153 41.7 22.0 62.0
 76 13.5 0.0 29.0

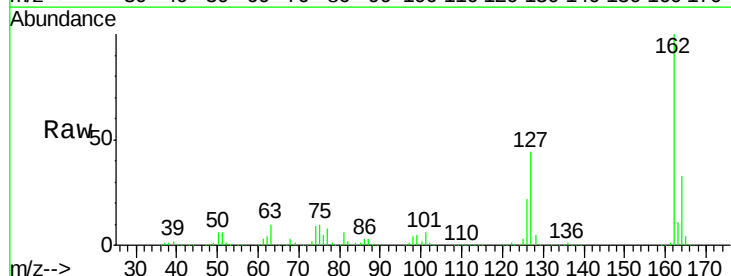


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

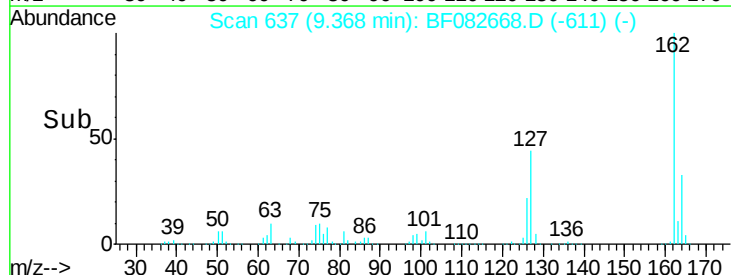
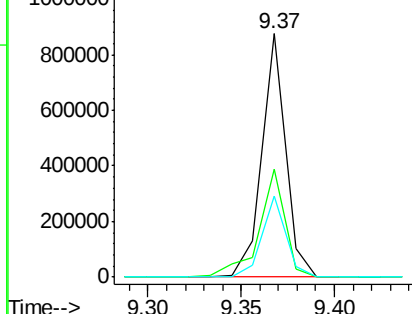


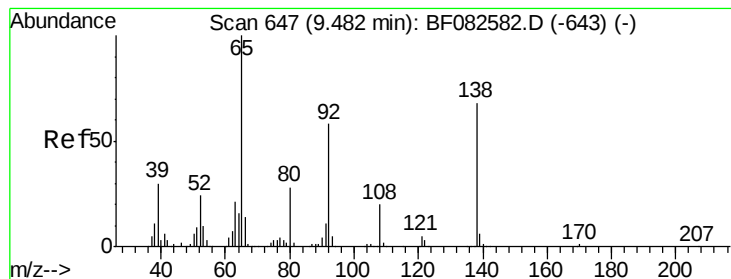
#46
 2-Chloronaphthalene
 Concen: 34.14 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Tgt Ion:162 Resp: 766463
 Ion Ratio Lower Upper
 162 100
 127 44.2 32.7 49.1
 164 33.3 27.4 41.0



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: 37.15 ng

RT: 9.46 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

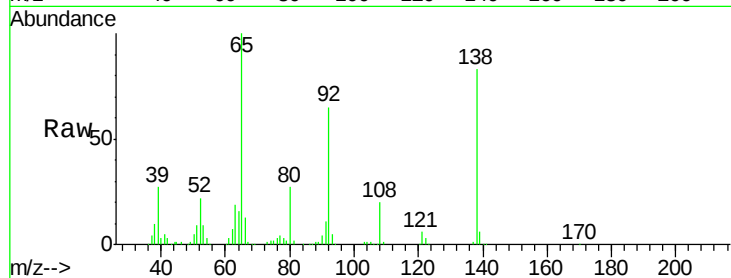
Tgt Ion: 65 Resp: 324187

Ion Ratio Lower Upper

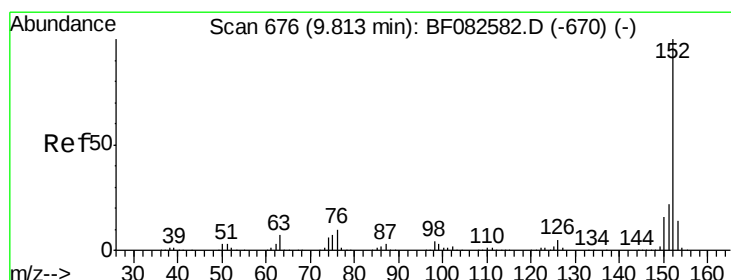
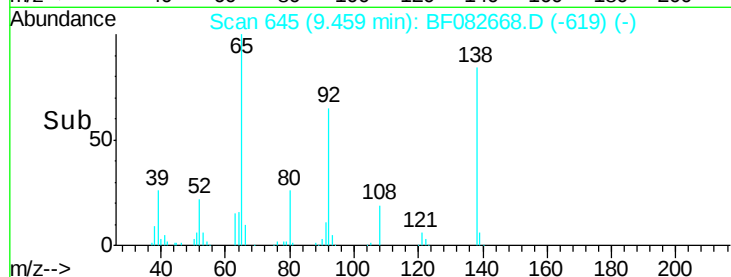
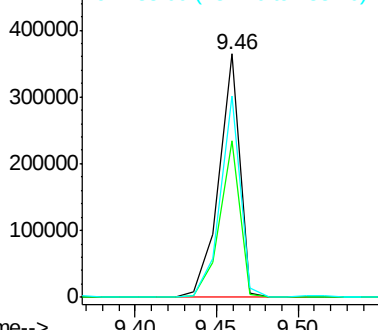
65 100

92 64.5 46.6 70.0

138 82.9 54.6 81.8#



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: 33.68 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

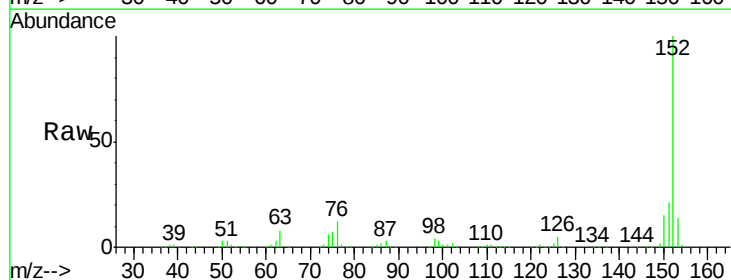
Tgt Ion: 152 Resp: 1209546

Ion Ratio Lower Upper

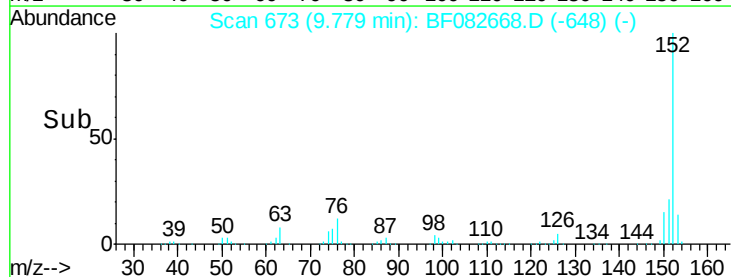
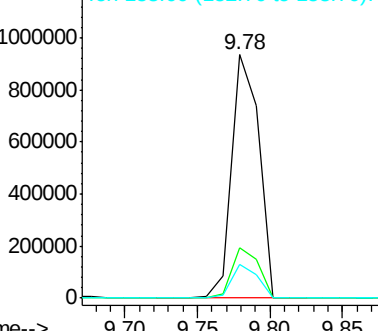
152 100

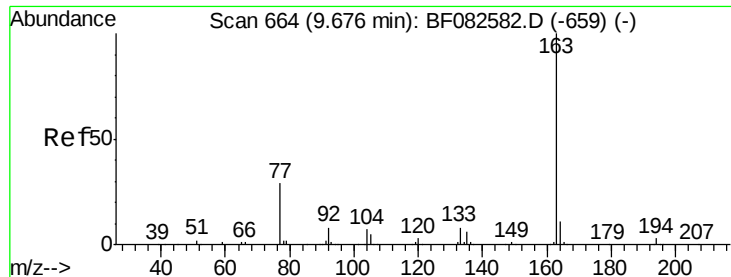
151 20.9 17.3 25.9

153 13.8 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: 35.08 ng

RT: 9.65 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

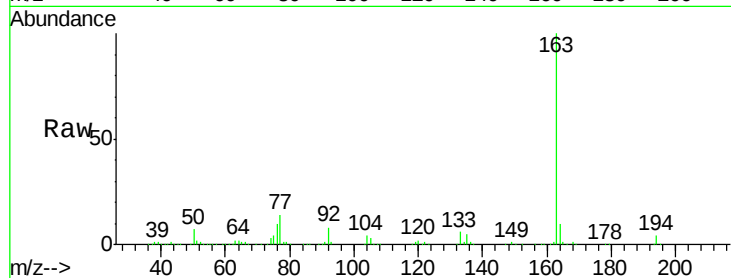
Tgt Ion:163 Resp: 975063

Ion Ratio Lower Upper

163 100

194 4.3 2.6 4.0#

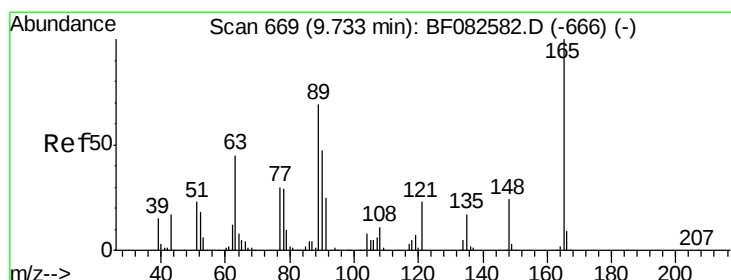
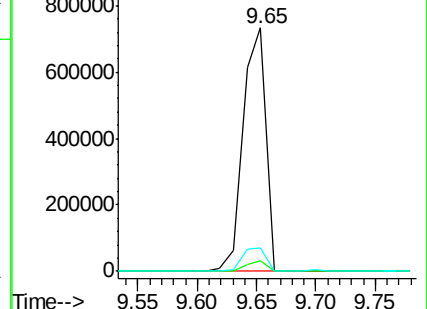
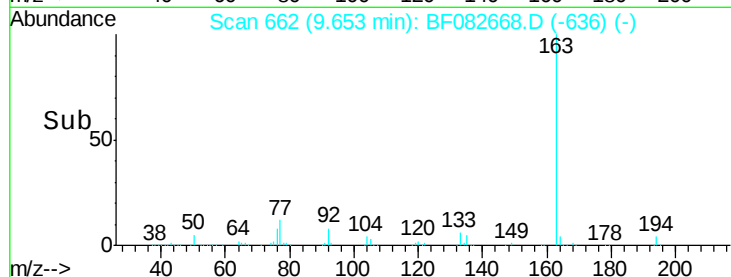
164 9.6 8.7 13.1



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: 34.70 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

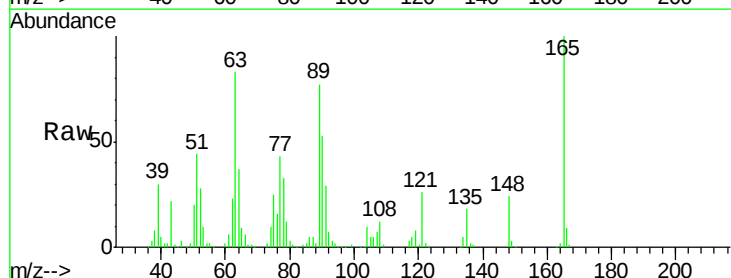
Tgt Ion:165 Resp: 199904

Ion Ratio Lower Upper

165 100

63 83.1 55.5 83.3

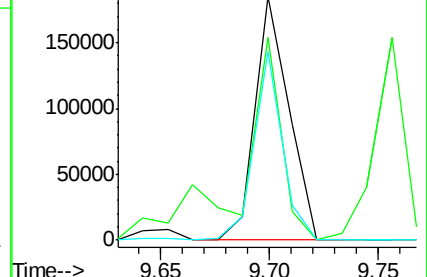
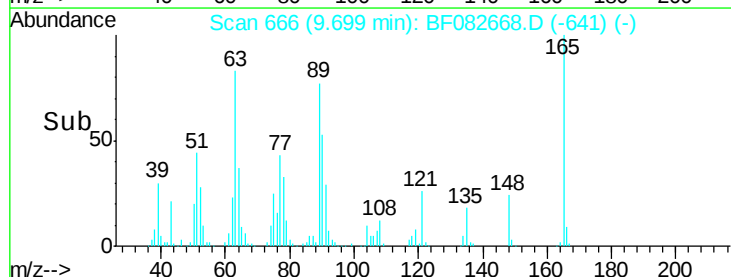
89 77.3 55.0 82.6

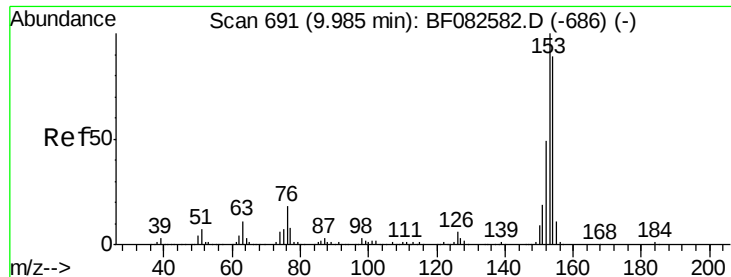


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.66 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

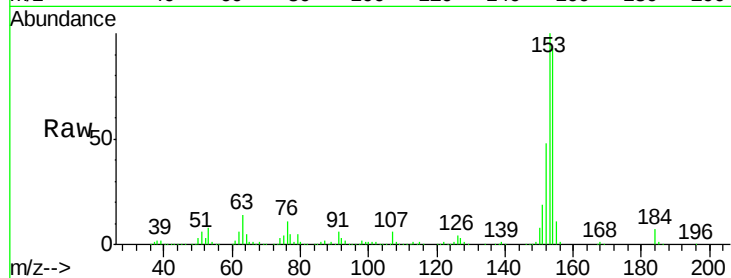
Tgt Ion:154 Resp: 903956

Ion Ratio Lower Upper

154 100

153 107.9 90.1 135.1

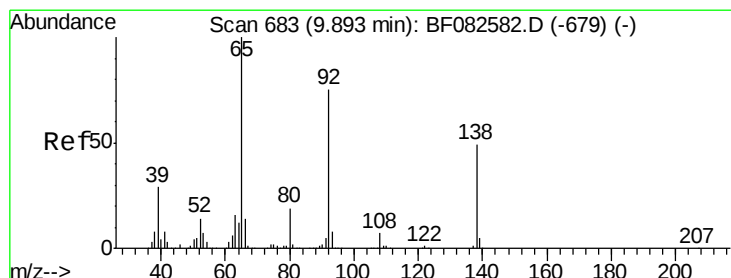
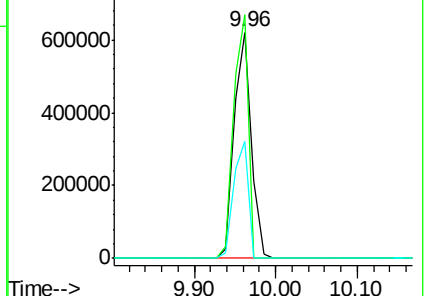
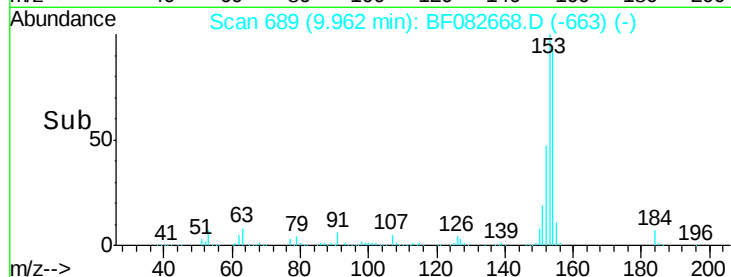
152 51.7 44.3 66.5



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: 23.97 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

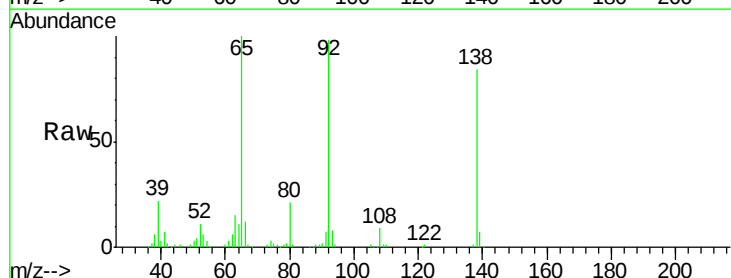
Tgt Ion:138 Resp: 153624

Ion Ratio Lower Upper

138 100

108 10.4 11.3 16.9#

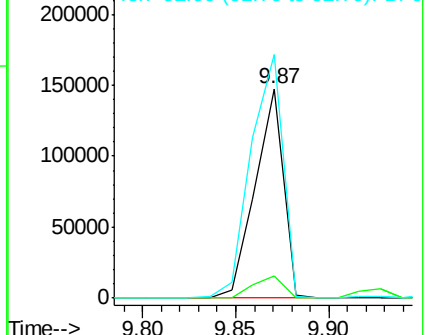
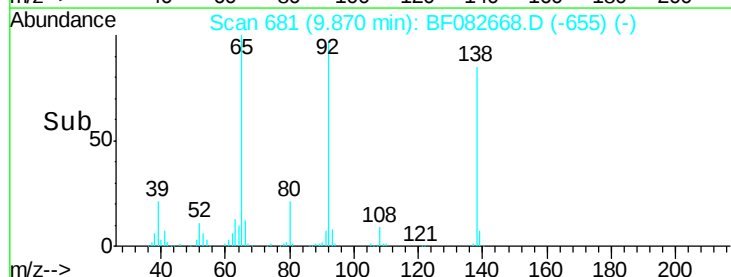
92 116.4 122.4 183.6#

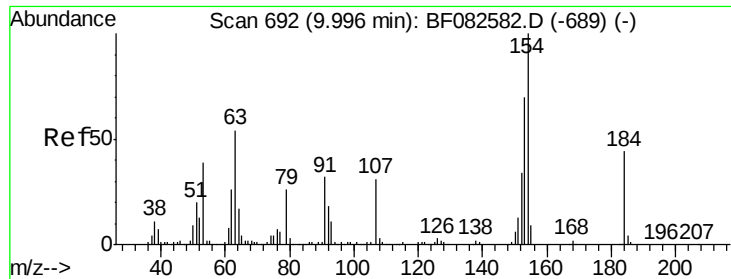


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

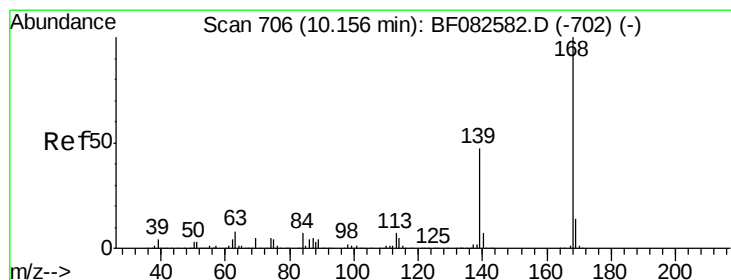
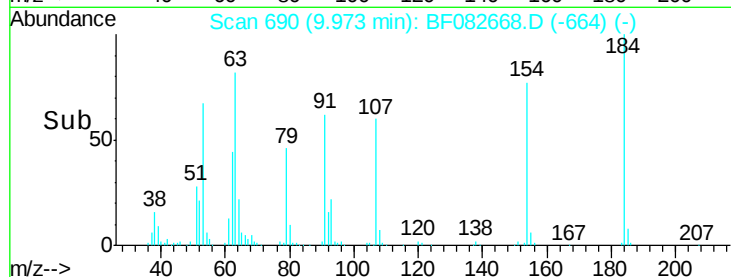
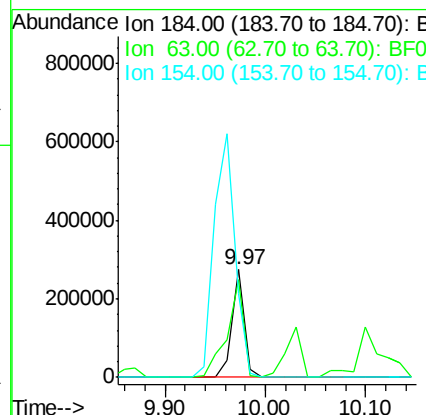
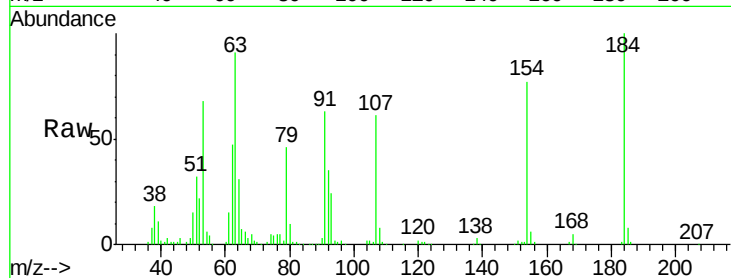




#53
2,4-Dinitrophenol
Concen: 77.78 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

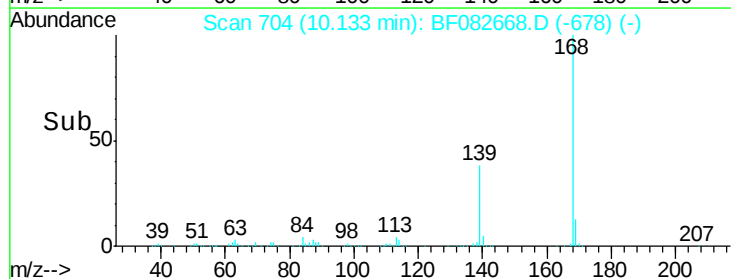
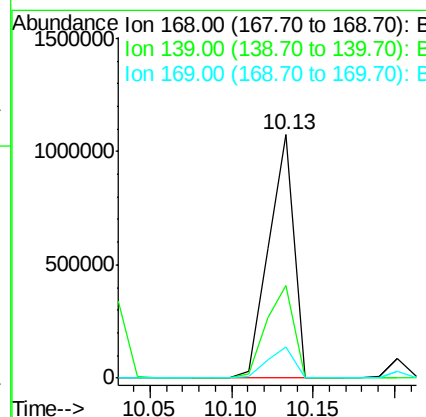
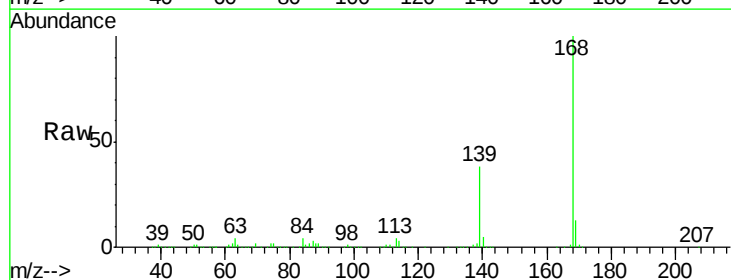
Instrument :
BNA_F
ClientSampleId :
PB86401BS

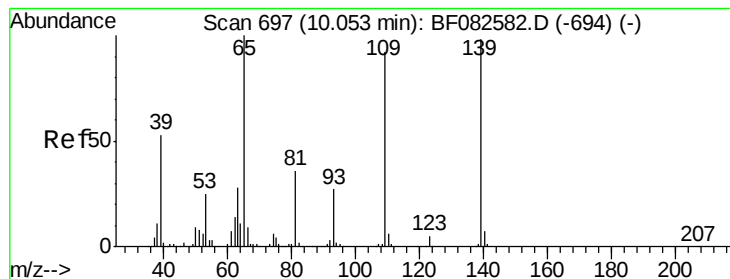
Tgt Ion:184 Resp: 238118
Ion Ratio Lower Upper
184 100
63 91.0 98.6 148.0#
154 77.5 183.9 275.9#



#54
Dibenzofuran
Concen: 37.32 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion:168 Resp: 1154257
Ion Ratio Lower Upper
168 100
139 37.9 37.8 56.6
169 13.0 11.3 16.9





#55

4-Nitrophenol

Concen: 72.26 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

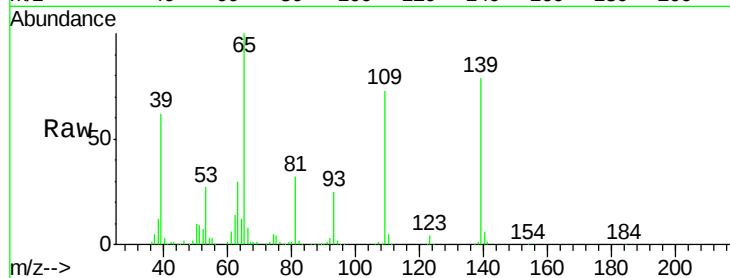
Tgt Ion:139 Resp: 348502

Ion Ratio Lower Upper

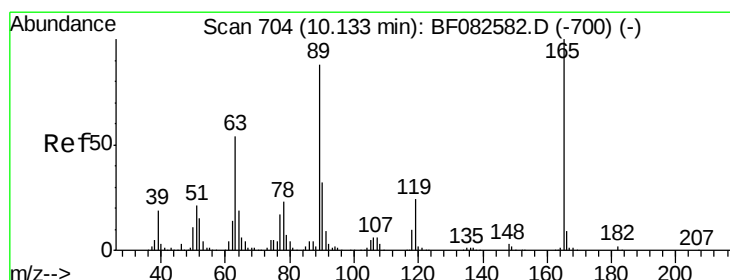
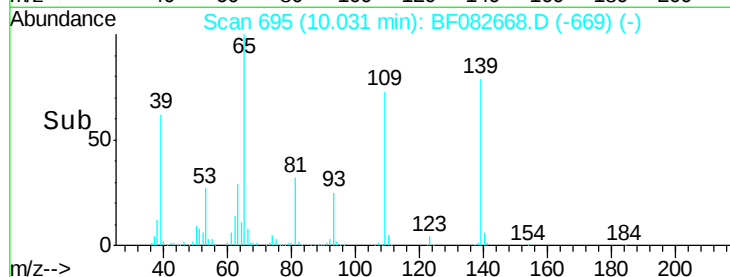
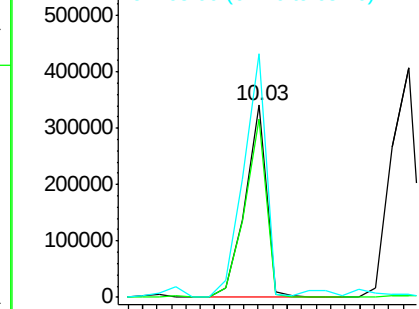
139 100

109 92.6 73.7 113.7

65 126.8 82.9 122.9#



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: 38.53 ng

RT: 10.11 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Tgt Ion:165 Resp: 300231

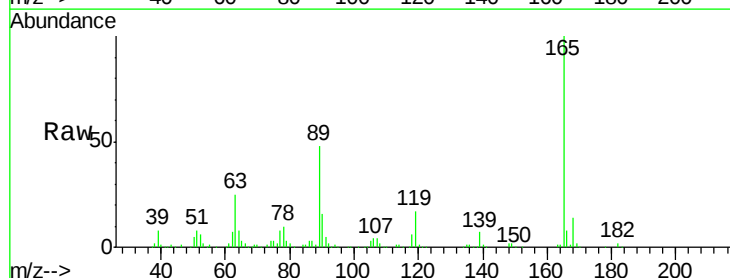
Ion Ratio Lower Upper

165 100

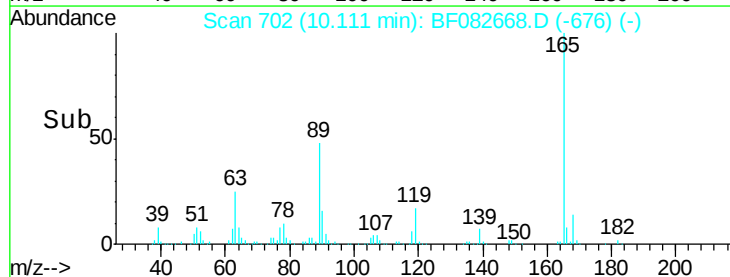
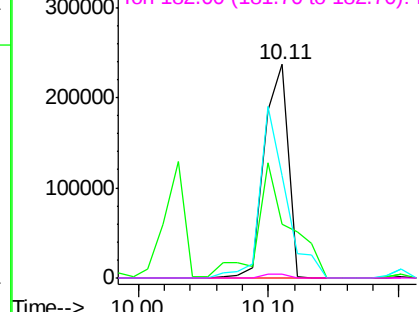
63 24.9 43.4 65.0#

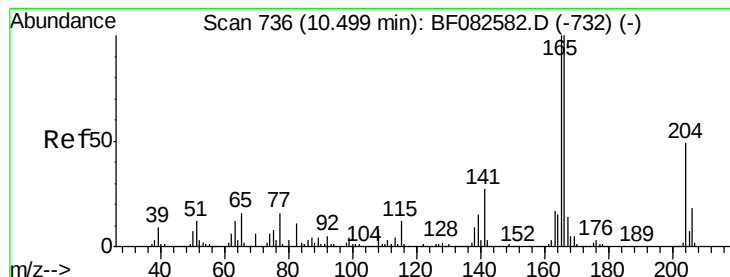
89 47.8 70.6 106.0#

182 2.1 1.5 2.3



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: 34.97 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

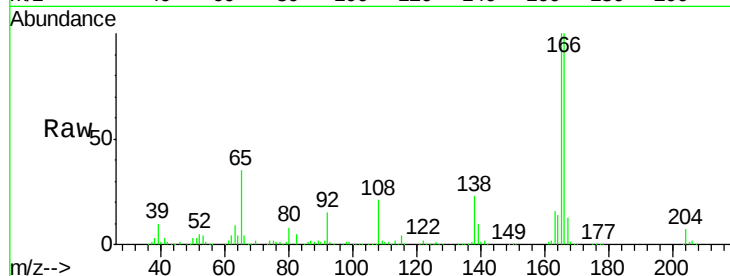
Tgt Ion:166 Resp: 872421

Ion Ratio Lower Upper

166 100

165 99.6 80.2 120.4

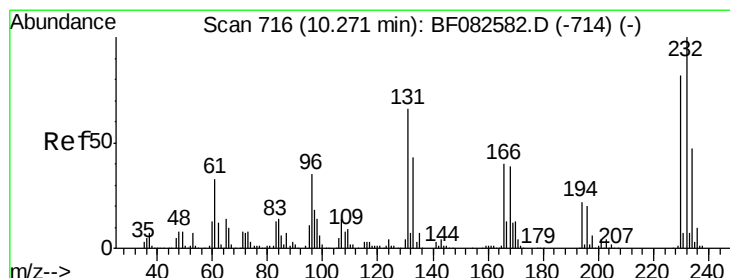
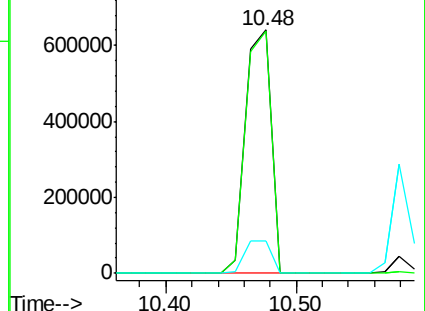
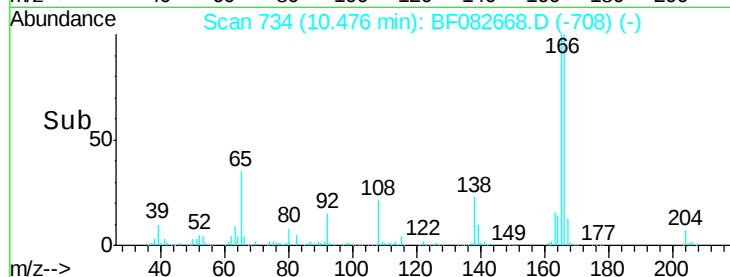
167 13.1 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.98 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Tgt Ion:232 Resp: 269196

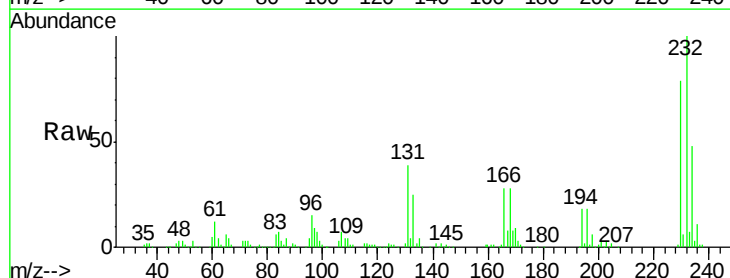
Ion Ratio Lower Upper

232 100

131 47.0 46.2 69.2

130 2.4 2.4 3.6#

166 31.0 28.2 42.2

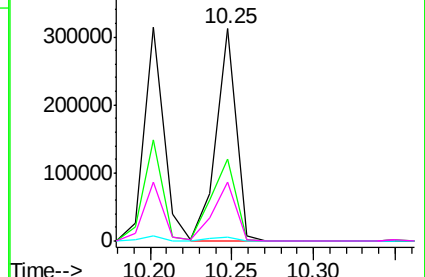
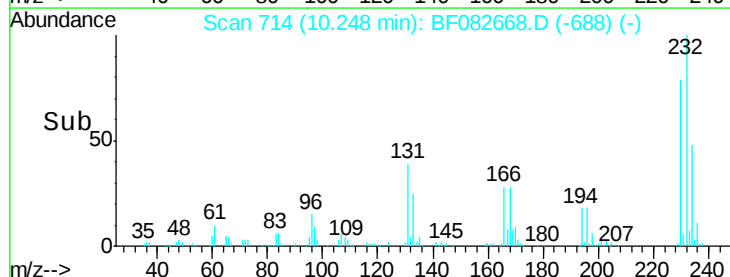


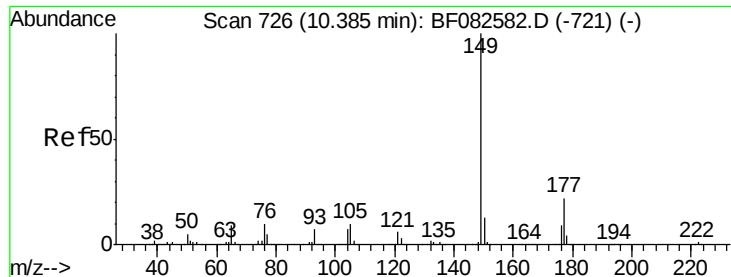
Abundance Ion 232.00 (231.70 to 232.70): E

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

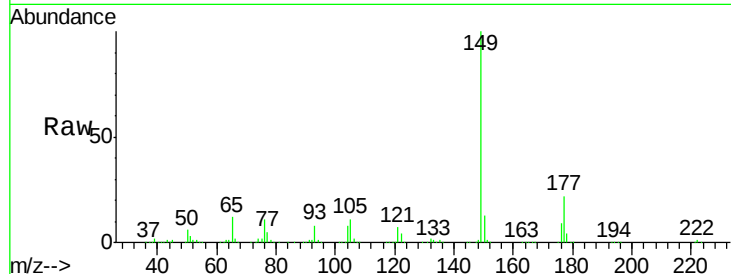




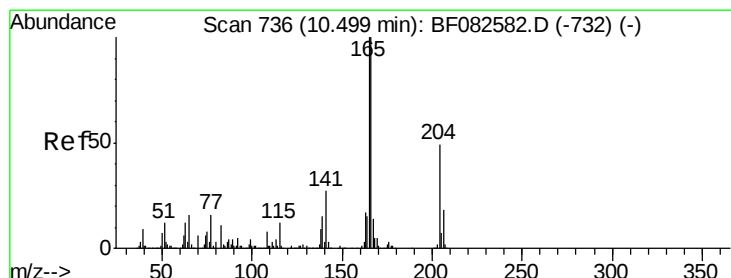
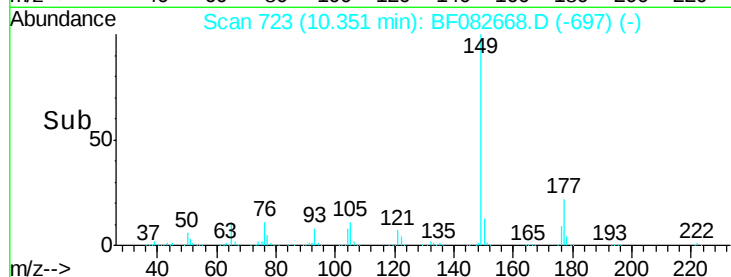
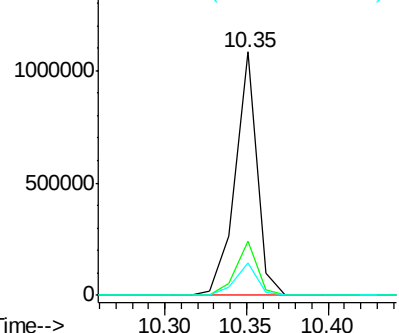
#59
Diethylphthalate
Concen: 35.40 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Instrument :
BNA_F
ClientSampleId :
PB86401BS

Tgt Ion:149 Resp: 1001762
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 13.4 10.1 15.1

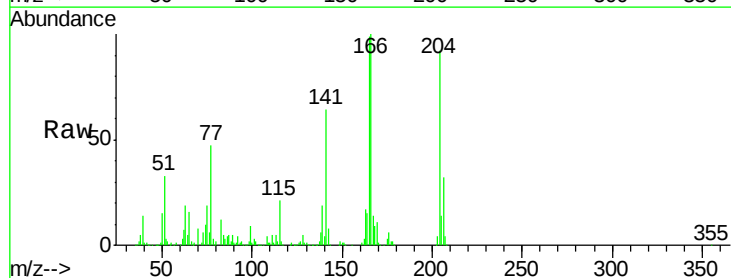


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

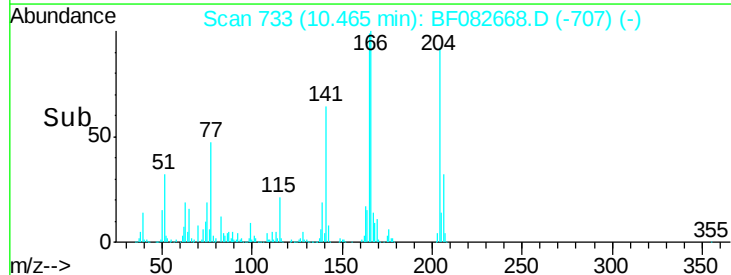
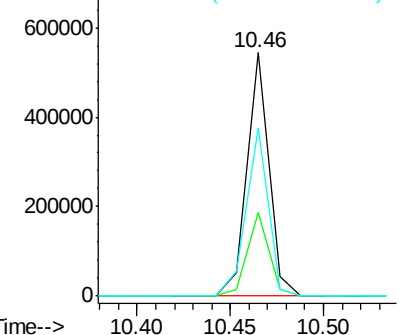


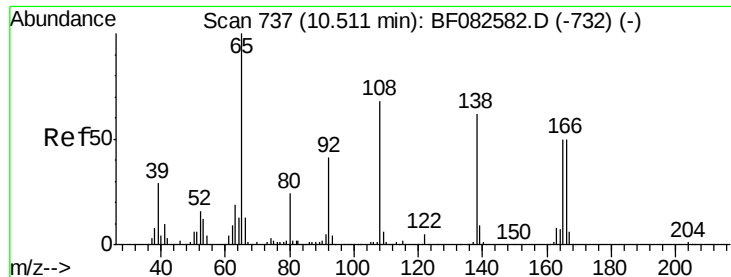
#60
4-Chlorophenyl-phenylether
Concen: 36.15 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion:204 Resp: 438423
Ion Ratio Lower Upper
204 100
206 34.5 28.5 42.7
141 69.3 44.6 66.8#



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

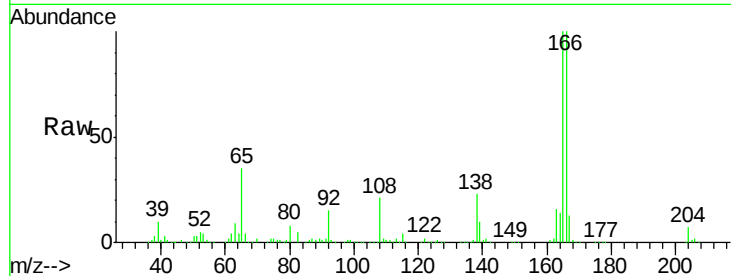




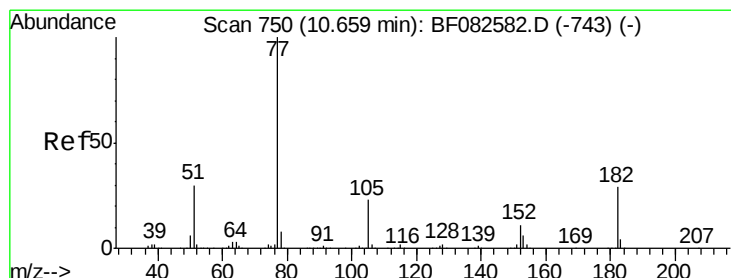
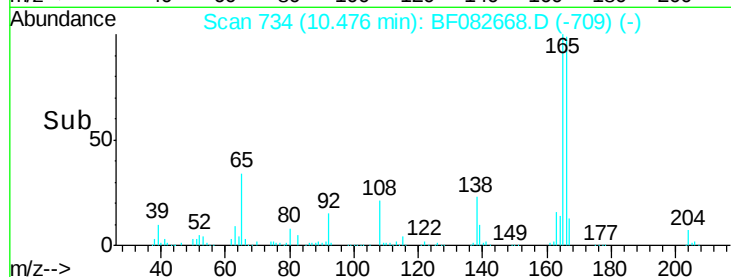
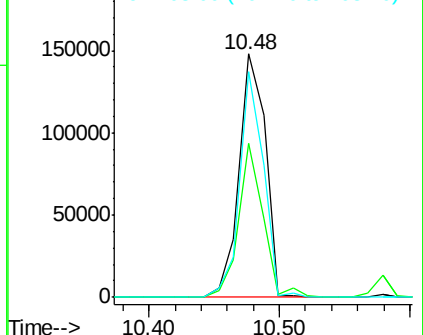
#61
4-Nitroaniline
Concen: 33.94 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Instrument :
BNA_F
ClientSampleId :
PB86401BS

Tgt Ion:138 Resp: 207596
Ion Ratio Lower Upper
138 100
92 63.3 45.8 85.8
108 92.9 89.4 129.4

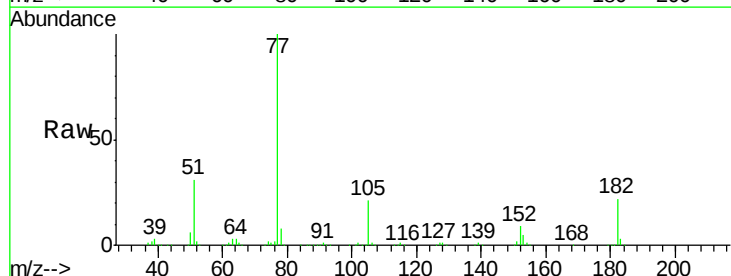


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

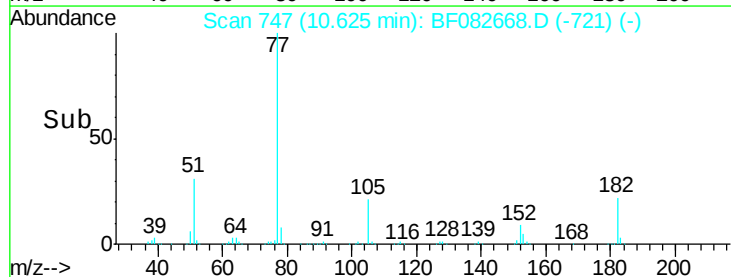
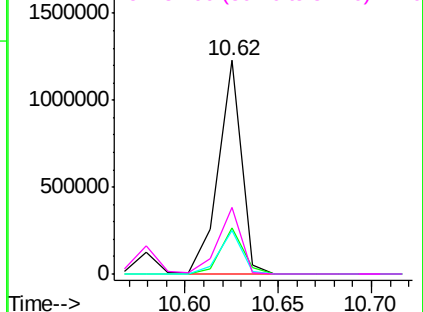


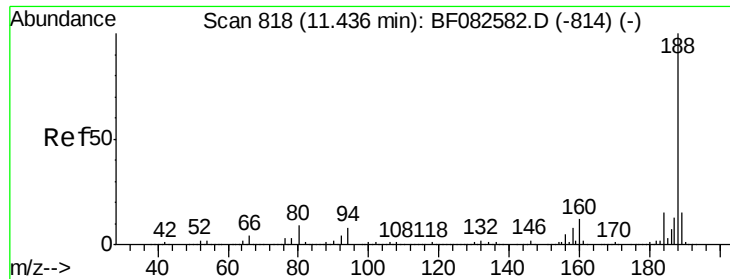
#62
Azobenzene
Concen: 33.01 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion: 77 Resp: 1053363
Ion Ratio Lower Upper
77 100
182 21.7 9.3 49.3
105 20.7 2.6 42.6
51 30.9 9.9 49.9



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

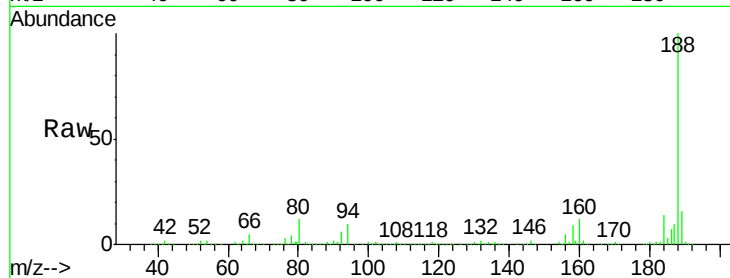




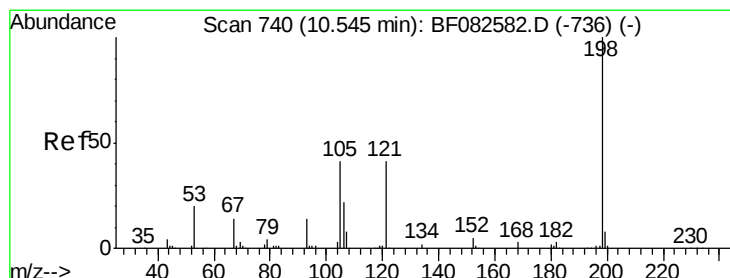
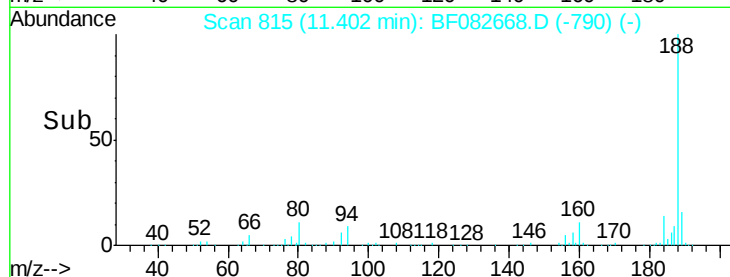
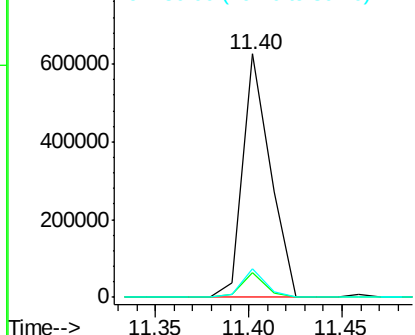
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

Tgt Ion:188 Resp: 643470
 Ion Ratio Lower Upper
 188 100
 94 10.1 6.1 9.1#
 80 11.6 7.0 10.6#

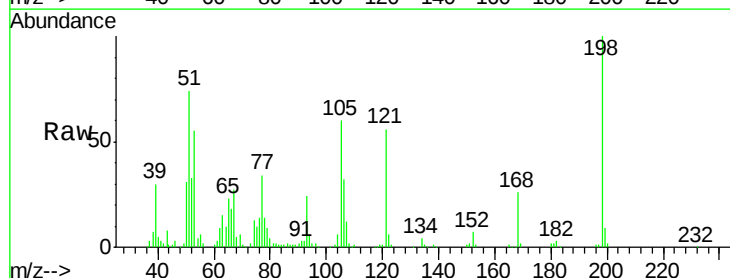


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

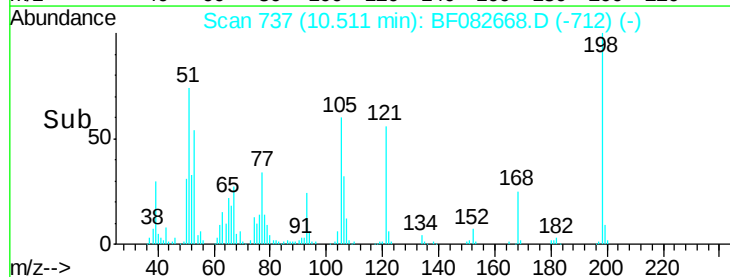
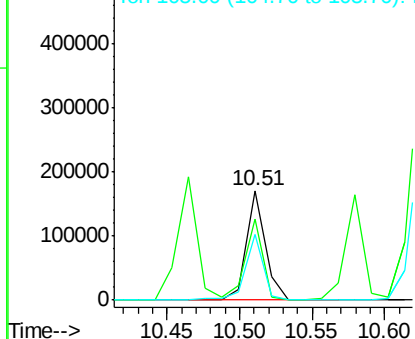


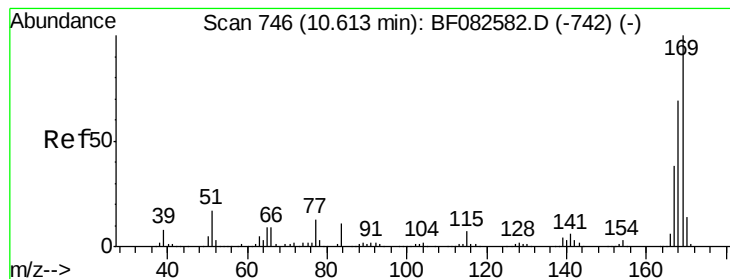
#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.89 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Tgt Ion:198 Resp: 154812
 Ion Ratio Lower Upper
 198 100
 51 73.8 17.3 57.3#
 105 59.5 21.7 61.7



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: 32.63 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

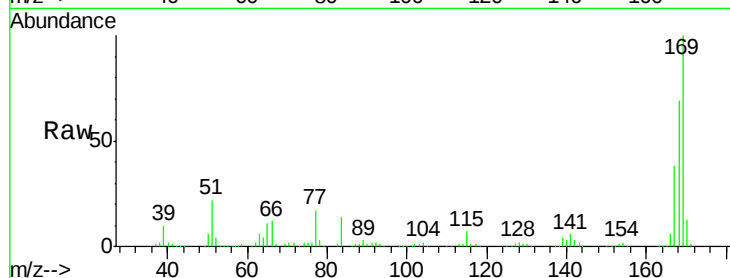
Tgt Ion:169 Resp: 721667

Ion Ratio Lower Upper

169 100

168 68.5 55.0 82.6

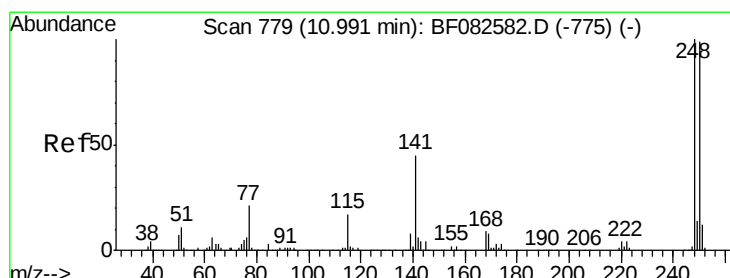
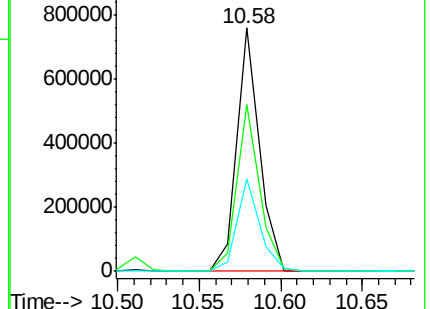
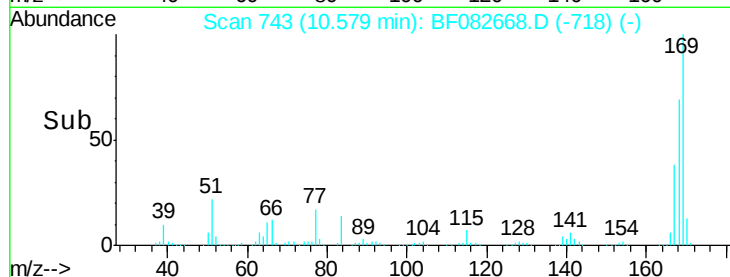
167 38.0 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.52 ng

RT: 10.96 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

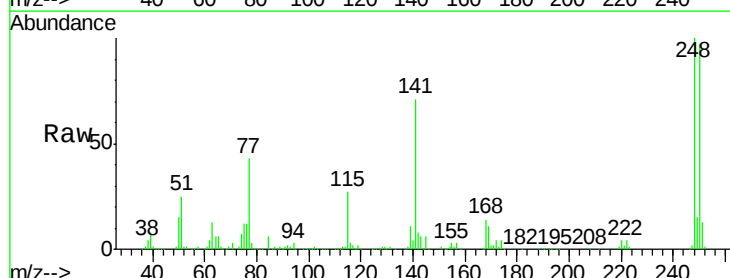
Tgt Ion:248 Resp: 288168

Ion Ratio Lower Upper

248 100

250 96.6 79.4 119.2

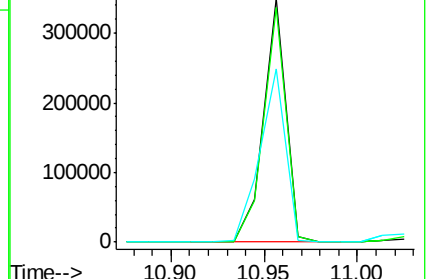
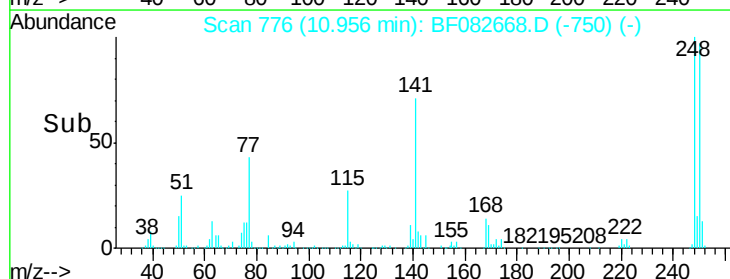
141 70.9 36.3 54.5#

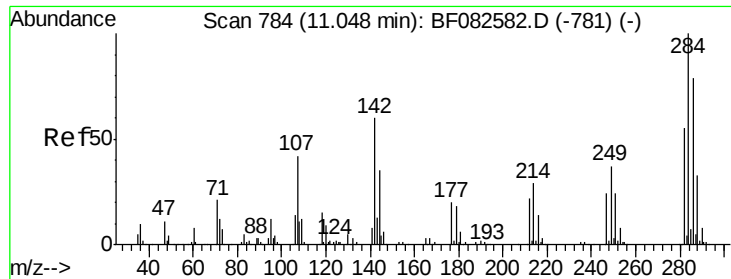


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

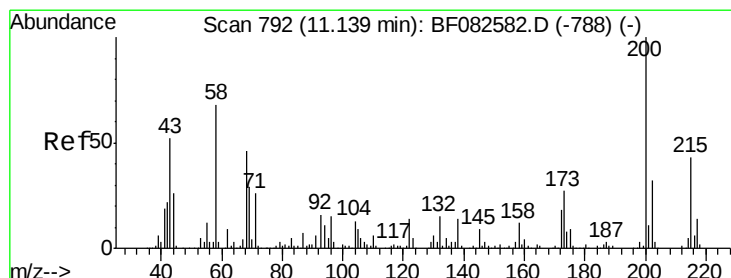
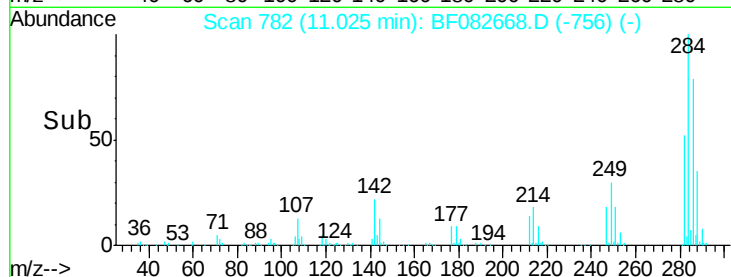
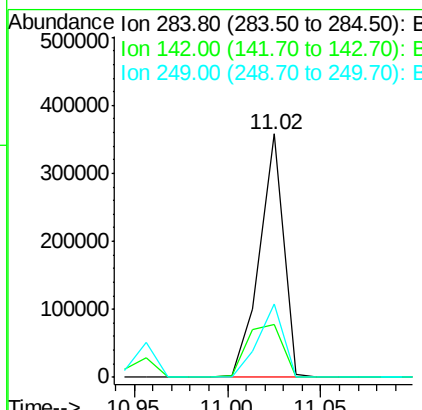
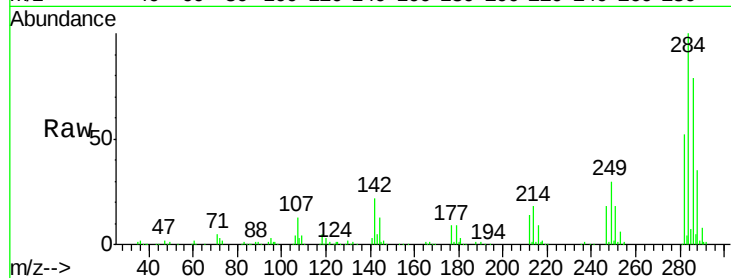




#67
Hexachlorobenzene
Concen: 39.61 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

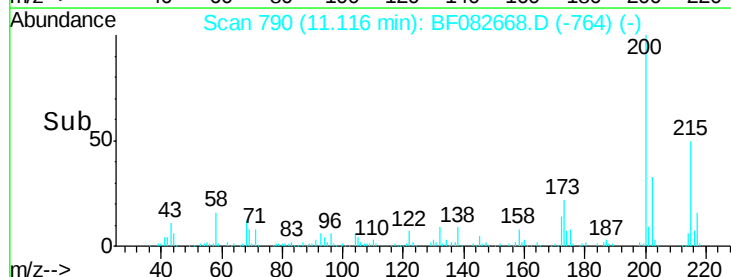
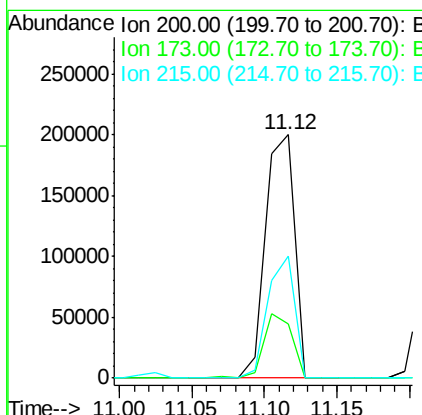
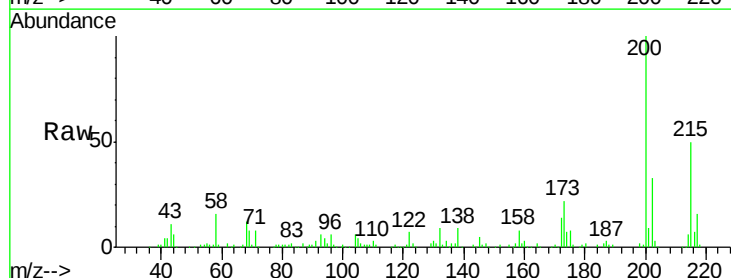
Instrument :
BNA_F
ClientSampleId :
PB86401BS

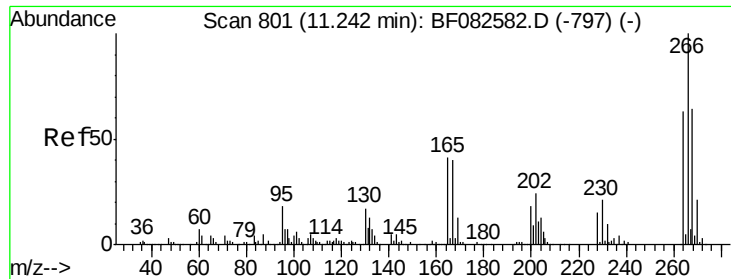
Tgt Ion:284 Resp: 320289
Ion Ratio Lower Upper
284 100
142 21.7 47.9 71.9#
249 30.3 29.7 44.5



#68
Atrazine
Concen: 38.15 ng
RT: 11.12 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion:200 Resp: 276131
Ion Ratio Lower Upper
200 100
173 22.3 6.9 46.9
215 50.3 22.9 62.9

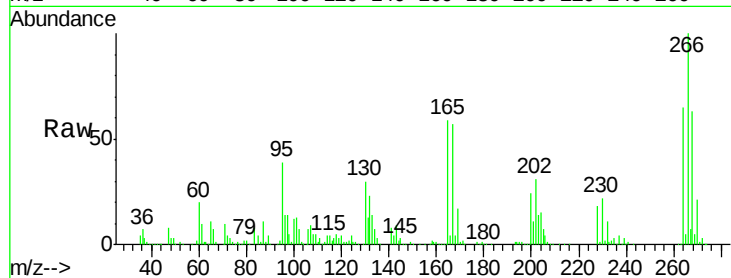




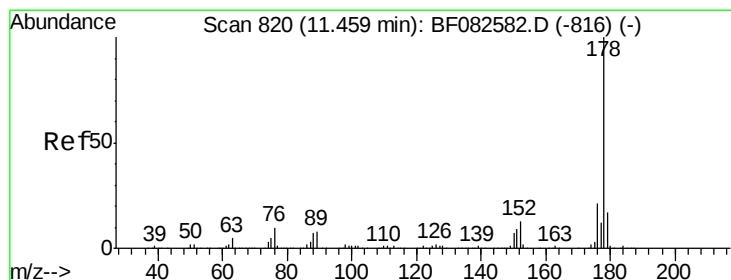
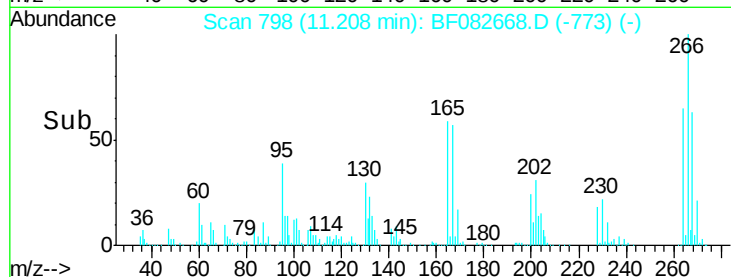
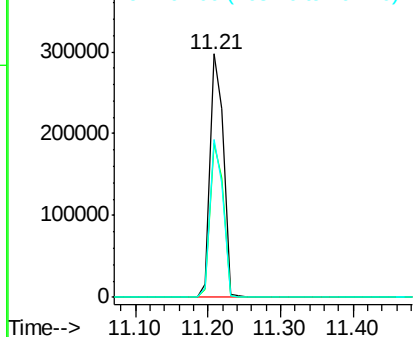
#69
 Pentachlorophenol
 Concen: 71.34 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

Tgt Ion:266 Resp: 380369
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.0 76.6
 264 64.7 50.6 75.8

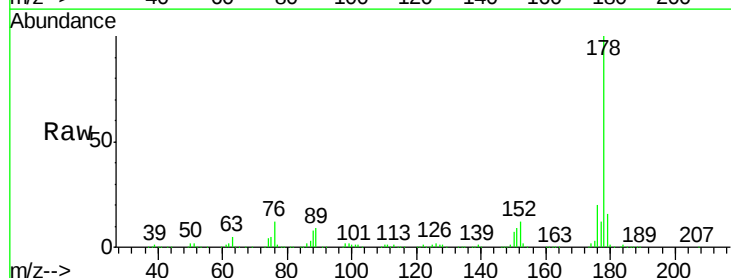


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

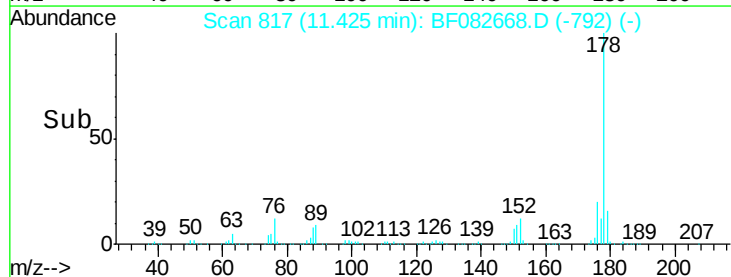
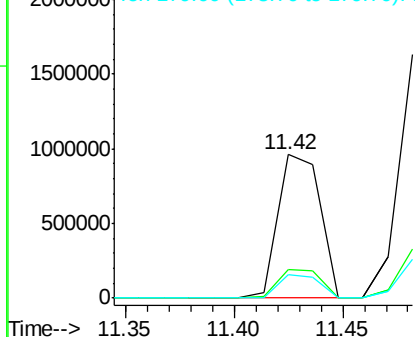


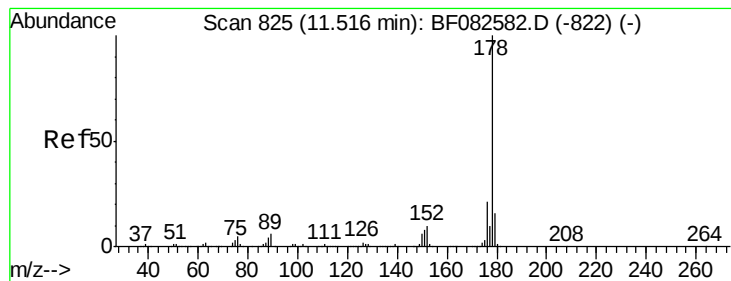
#70
 Phenanthrene
 Concen: 35.79 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Tgt Ion:178 Resp: 1298896
 Ion Ratio Lower Upper
 178 100
 176 20.3 17.0 25.4
 179 16.2 13.4 20.0



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





#71

Anthracene

Concen: 38.20 ng

RT: 11.48 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

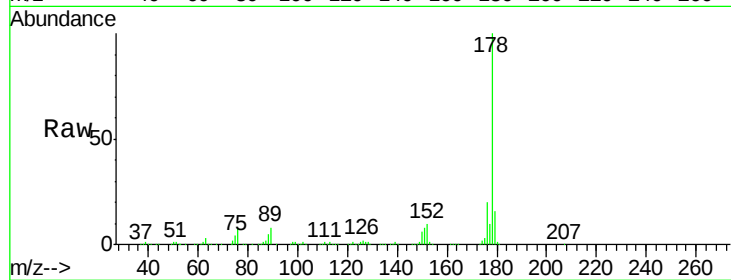
Tgt Ion:178 Resp: 1395957

Ion Ratio Lower Upper

178 100

176 20.1 16.5 24.7

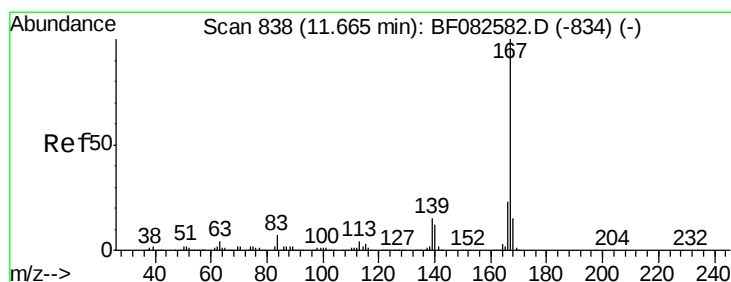
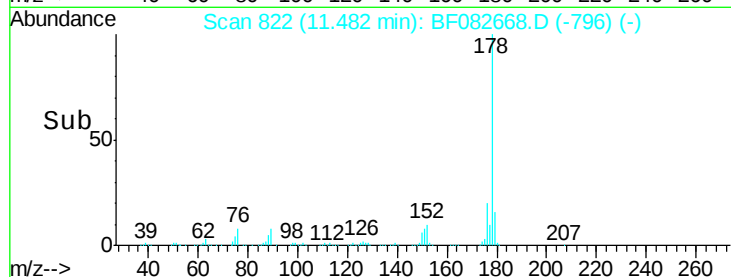
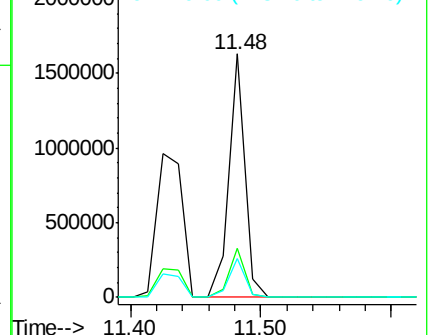
179 16.1 13.2 19.8



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



#72

Carbazole

Concen: 35.43 ng

RT: 11.63 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

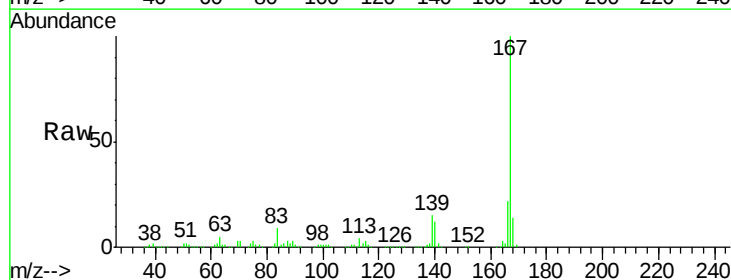
Tgt Ion:167 Resp: 1127698

Ion Ratio Lower Upper

167 100

166 22.5 18.7 28.1

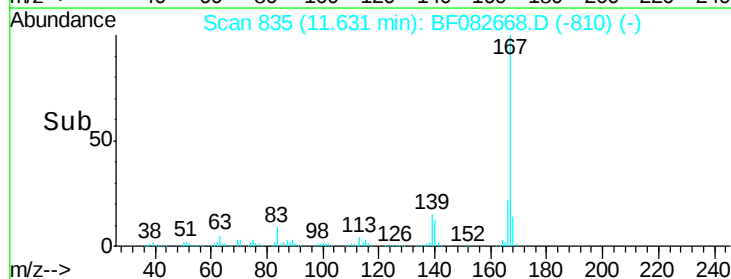
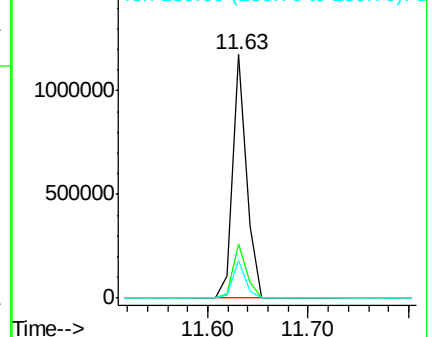
139 15.4 11.8 17.6

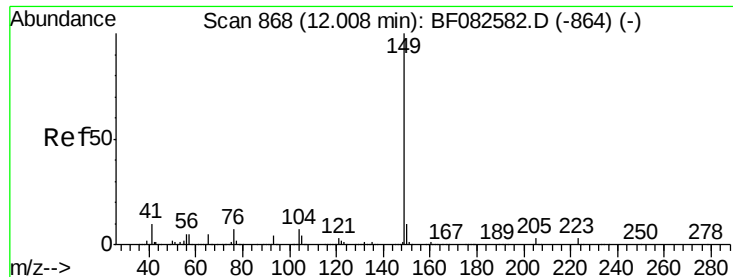


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.24 ng

RT: 11.97 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

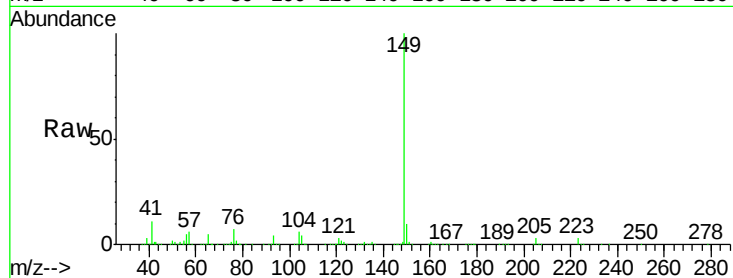
Tgt Ion:149 Resp: 1468318

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

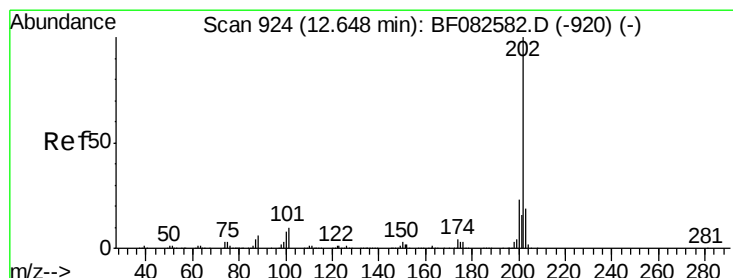
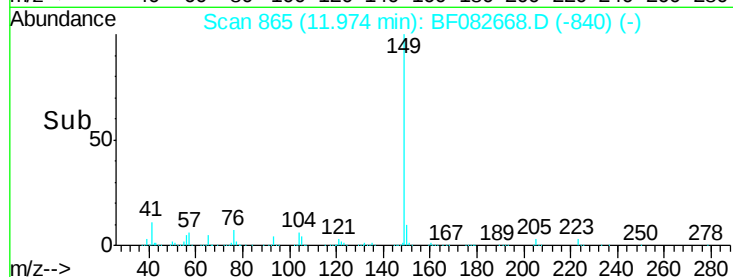
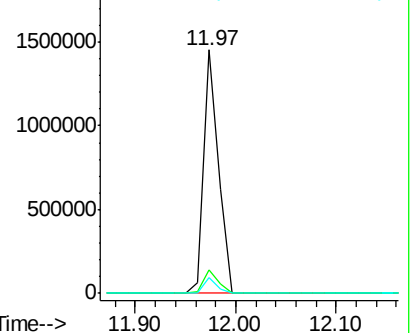
104 6.4 5.2 7.8



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: 37.80 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

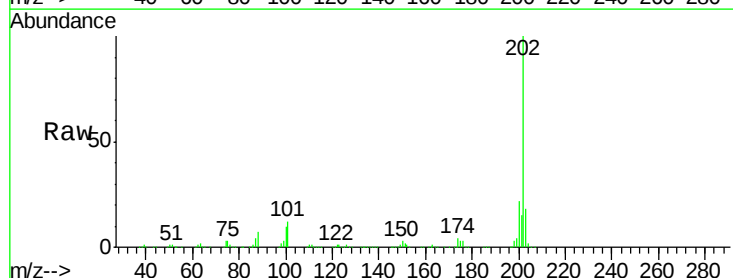
Tgt Ion:202 Resp: 1402275

Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.5

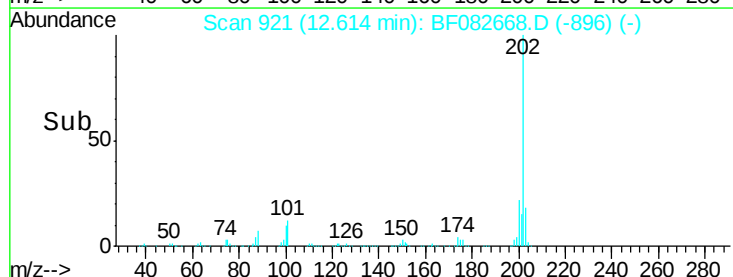
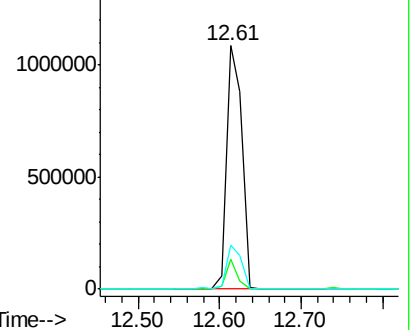
203 18.2 0.0 38.5

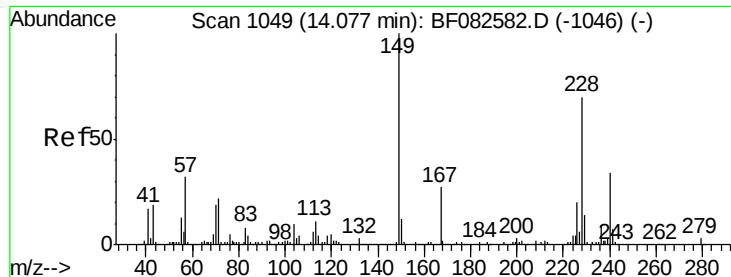


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

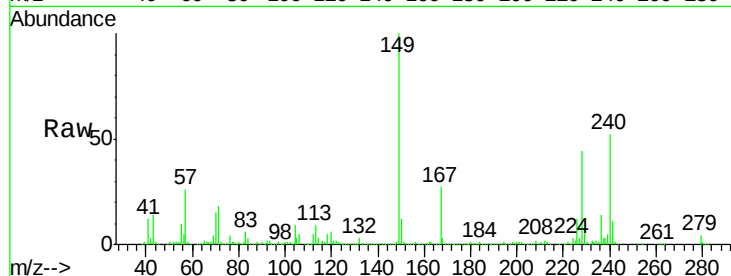
Tgt Ion:240 Resp: 556884

Ion Ratio Lower Upper

240 100

120 11.9 10.9 16.3

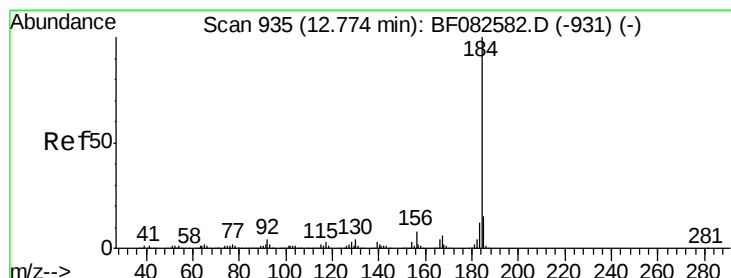
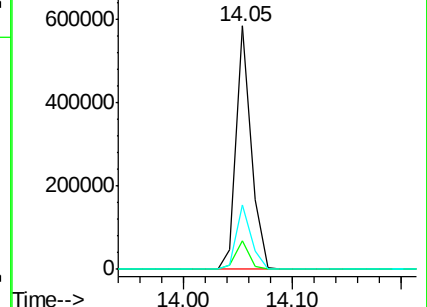
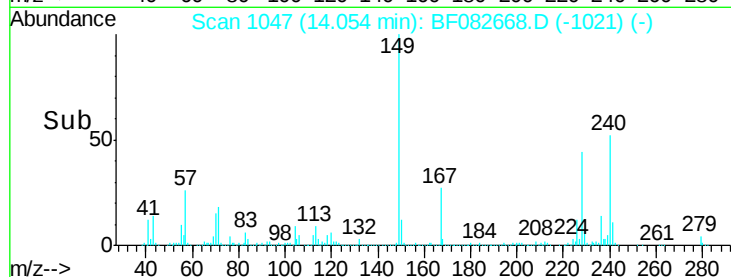
236 26.6 21.6 32.4



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: 30.79 ng

RT: 12.74 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

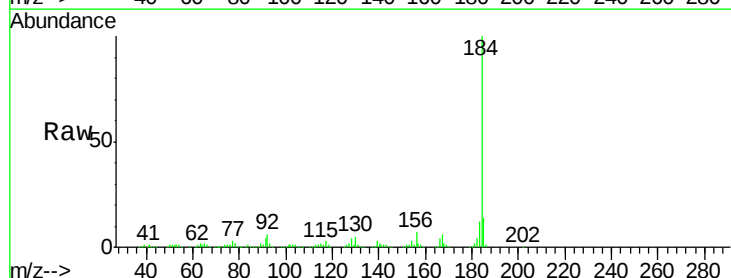
Tgt Ion:184 Resp: 773399

Ion Ratio Lower Upper

184 100

185 14.3 12.0 18.0

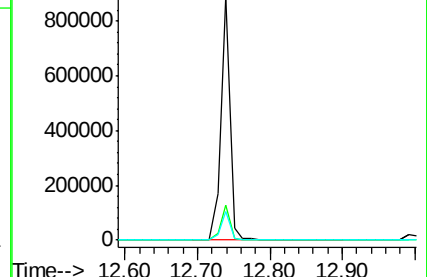
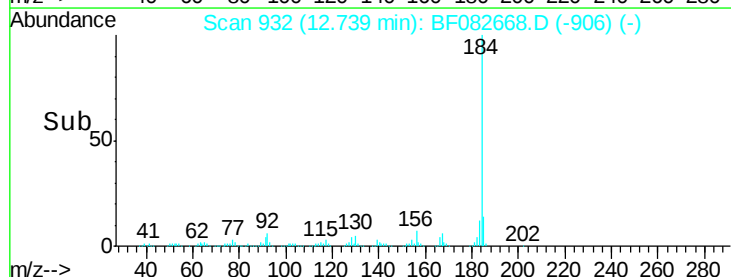
183 11.8 9.6 14.4

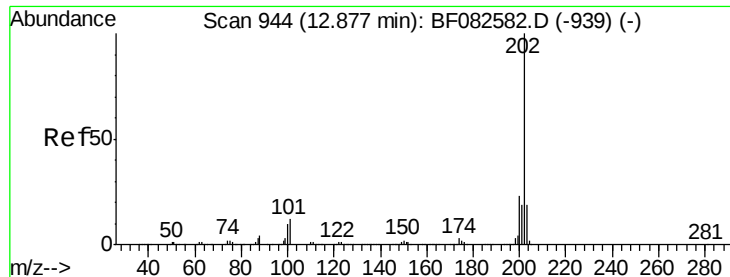


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 34.62 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

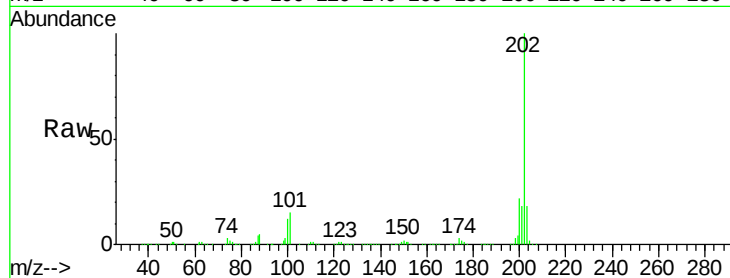
Tgt Ion:202 Resp: 1427726

Ion Ratio Lower Upper

202 100

200 22.2 18.7 28.1

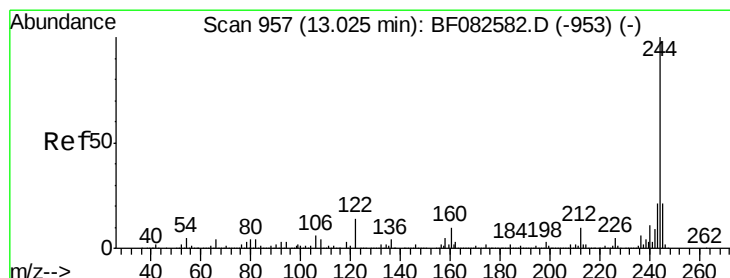
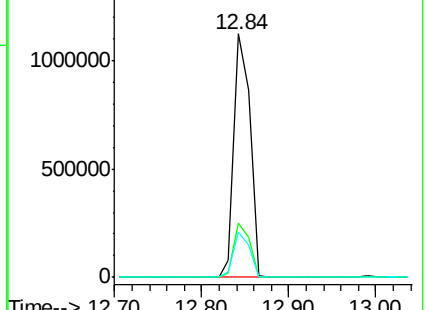
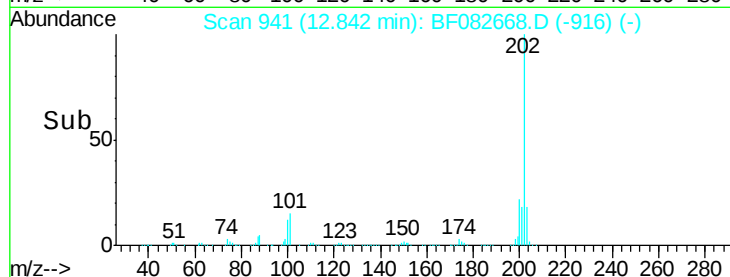
203 18.4 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.66 ng

RT: 12.99 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

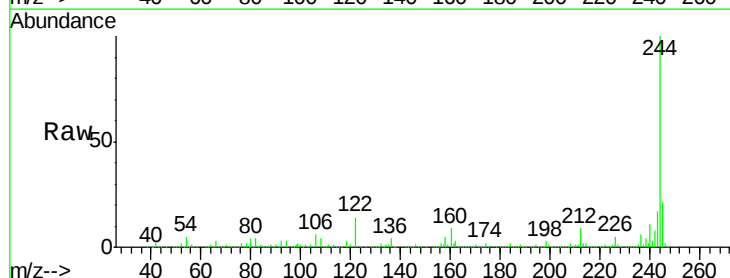
Tgt Ion:244 Resp: 1950690

Ion Ratio Lower Upper

244 100

212 9.0 7.6 11.4

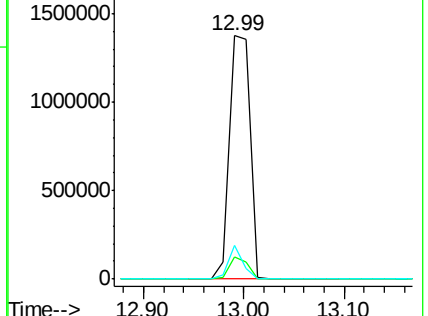
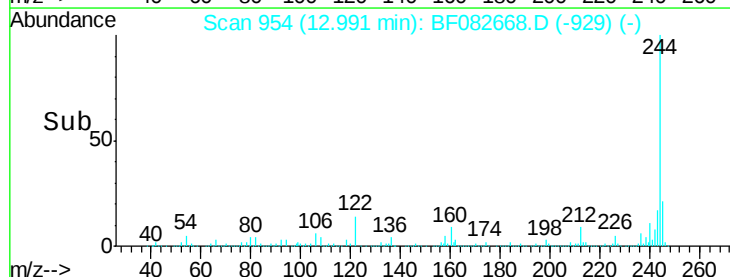
122 13.9 11.3 16.9

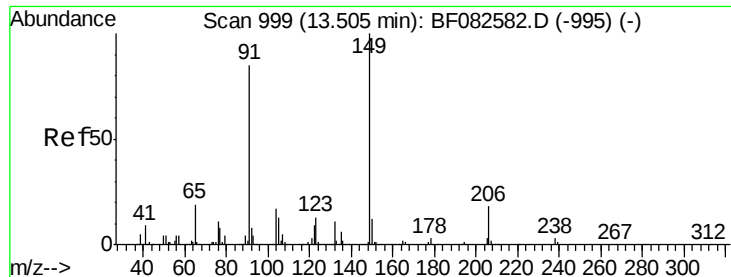


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

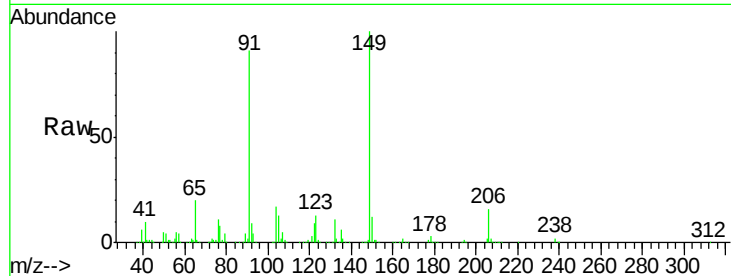




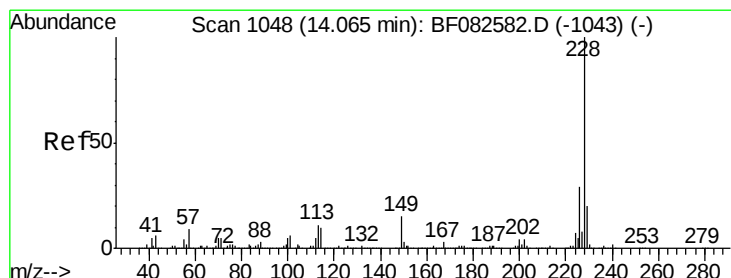
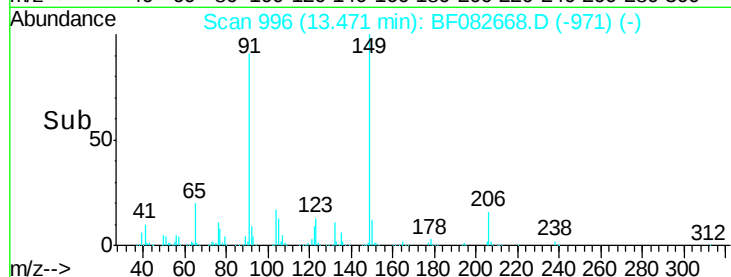
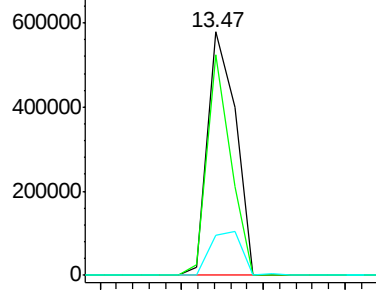
#79
Butylbenzylphthalate
Concen: 37.97 ng
RT: 13.47 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Instrument :
BNA_F
ClientSampleId :
PB86401BS

Tgt Ion:149 Resp: 685720
Ion Ratio Lower Upper
149 100
91 90.7 67.7 101.5
206 16.3 14.6 22.0

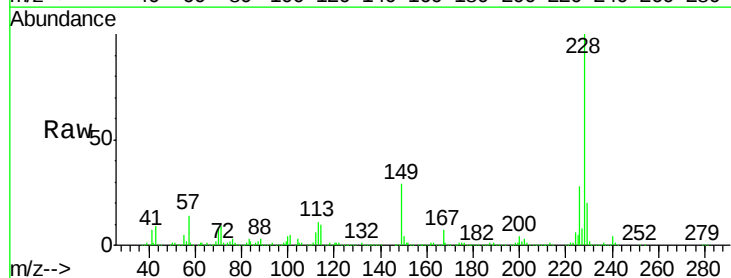


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

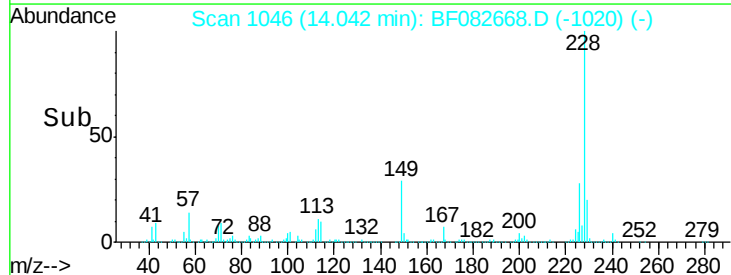
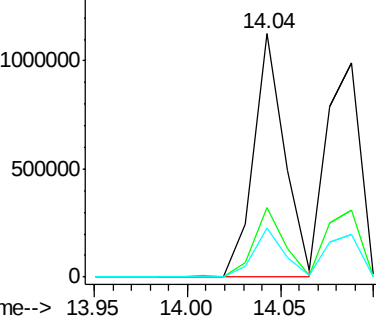


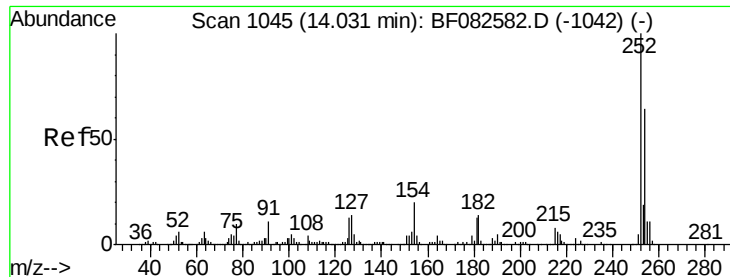
#80
Benzo(a)anthracene
Concen: 36.79 ng
RT: 14.04 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion:228 Resp: 1301374
Ion Ratio Lower Upper
228 100
226 28.5 23.4 35.2
229 20.4 16.3 24.5



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

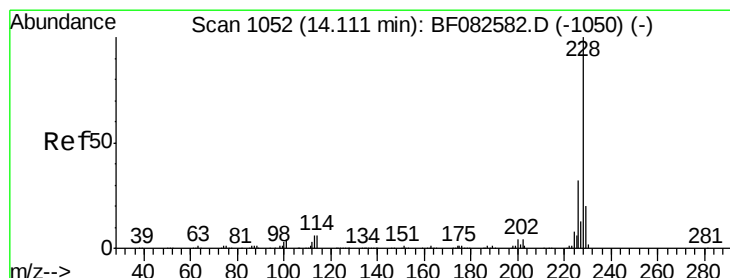
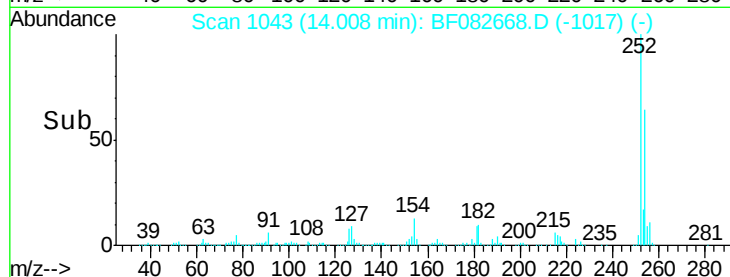
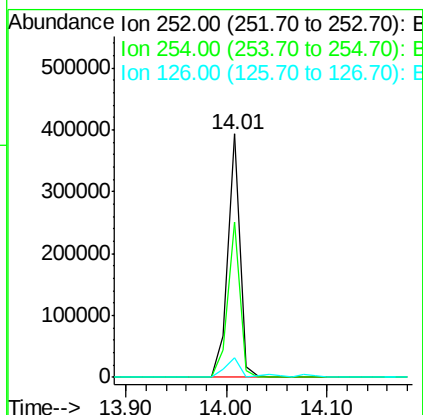
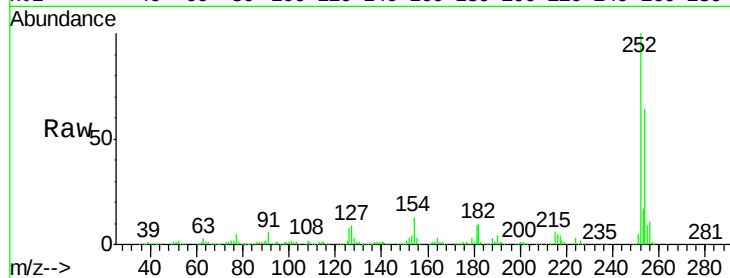




#81
 3,3'-Dichlorobenzidine
 Concen: 27.12 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

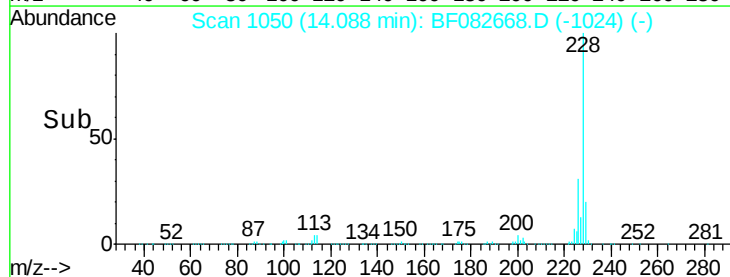
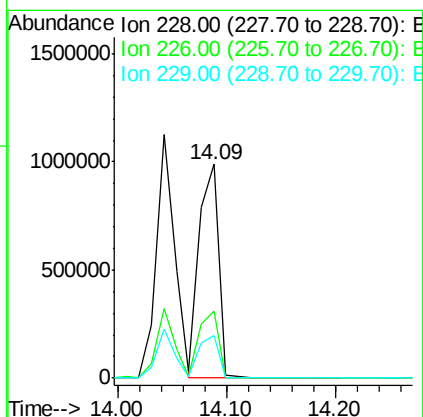
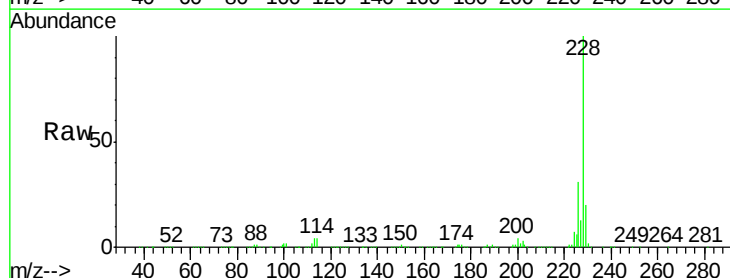
Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

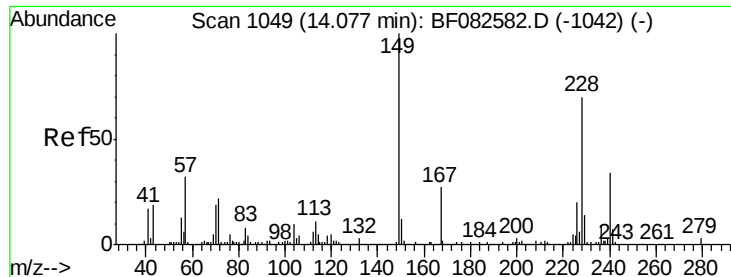
Tgt Ion:252 Resp: 330584
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.4 77.0
 126 8.1 10.7 16.1#



#82
 Chrysene
 Concen: 38.76 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Tgt Ion:228 Resp: 1242709
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.5 38.3
 229 20.1 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.83 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

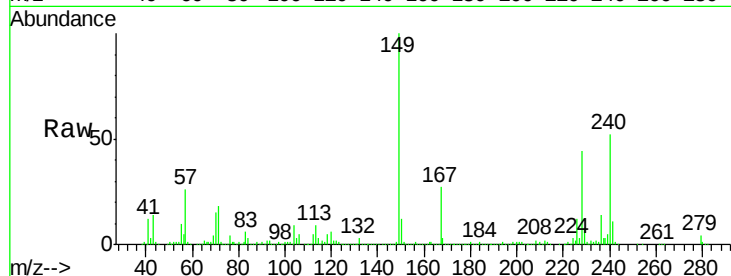
Tgt Ion:149 Resp: 1026352

Ion Ratio Lower Upper

149 100

167 27.4 21.2 31.8

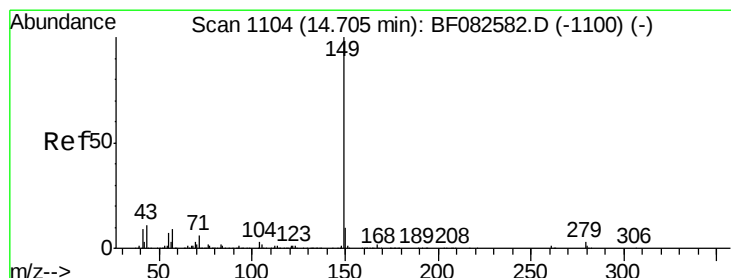
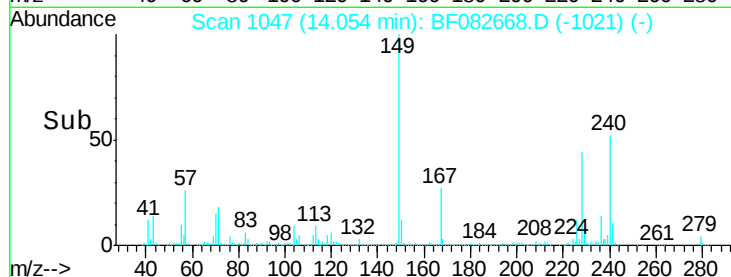
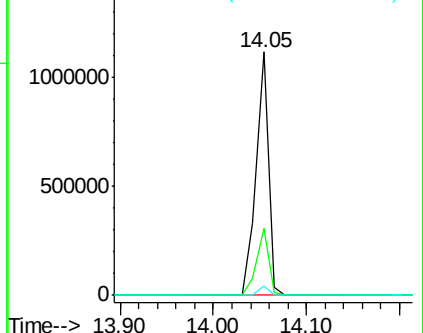
279 3.6 2.2 3.2#



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: 43.24 ng

RT: 14.69 min Scan# 1103

Delta R.T. 0.02 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

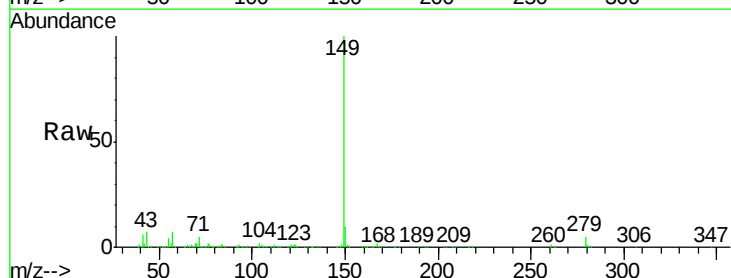
Tgt Ion:149 Resp: 1579133

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

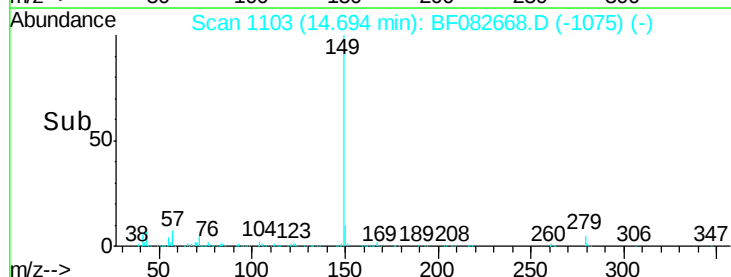
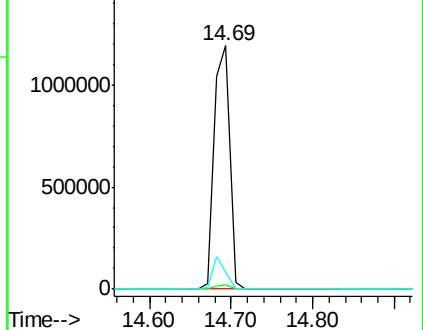
43 11.1 10.1 15.1



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

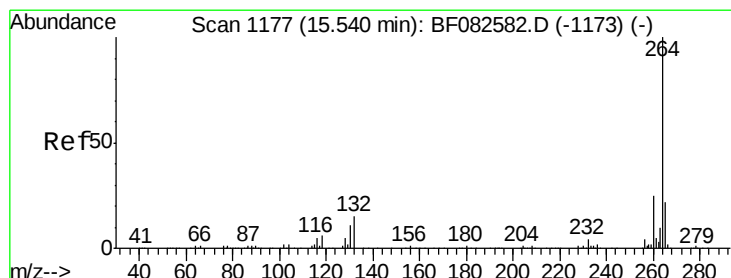
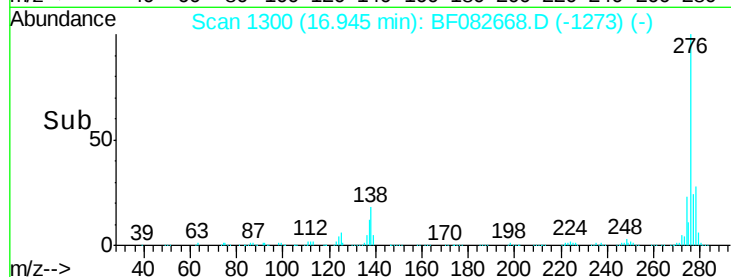
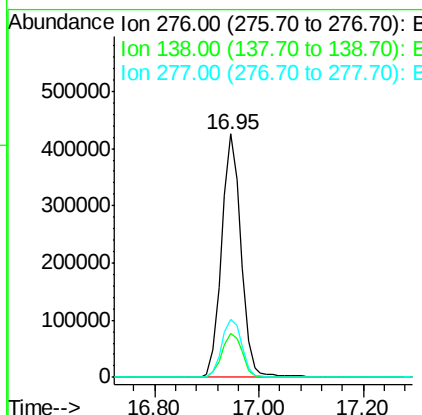
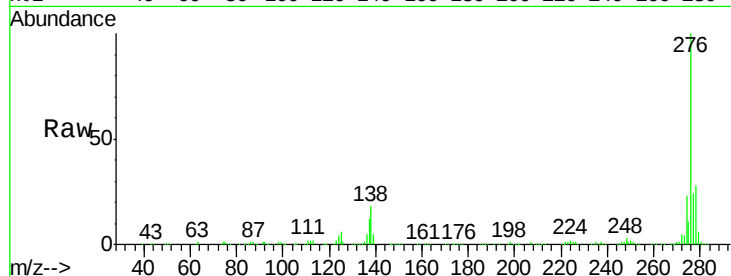




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.64 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

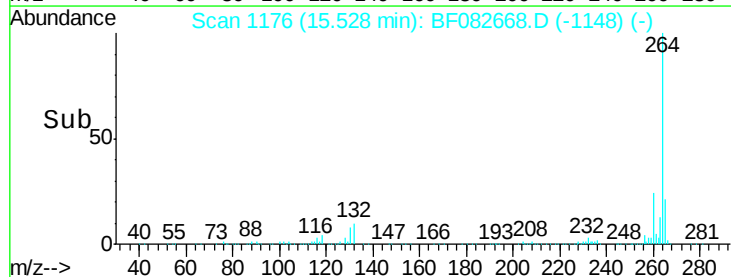
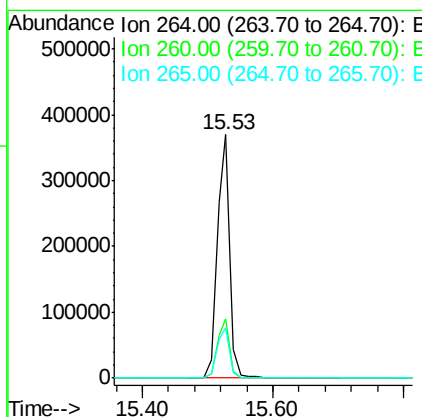
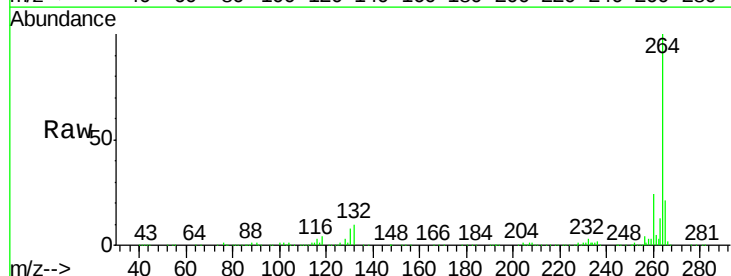
Instrument :
BNA_F
ClientSampleId :
PB86401BS

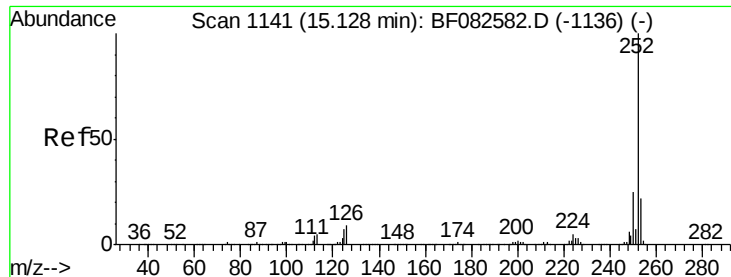
Tgt Ion: 276 Resp: 1101776
Ion Ratio Lower Upper
276 100
138 19.2 15.3 22.9
277 25.1 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. 0.02 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion: 264 Resp: 494032
Ion Ratio Lower Upper
264 100
260 24.4 19.8 29.6
265 20.8 17.4 26.0

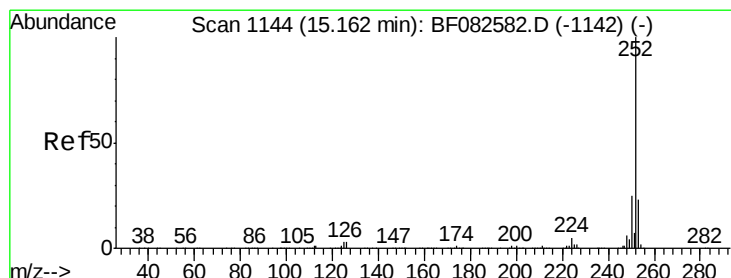
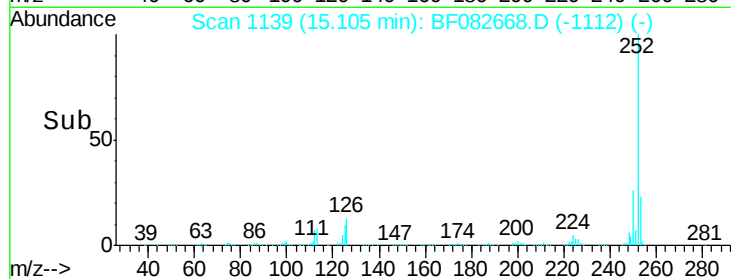
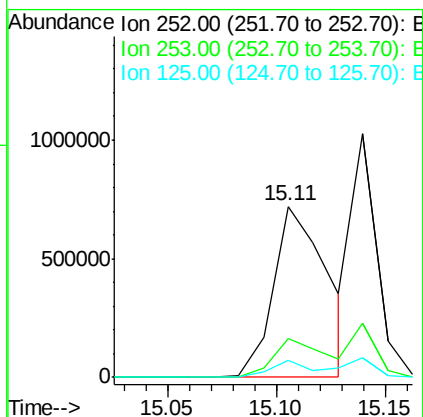
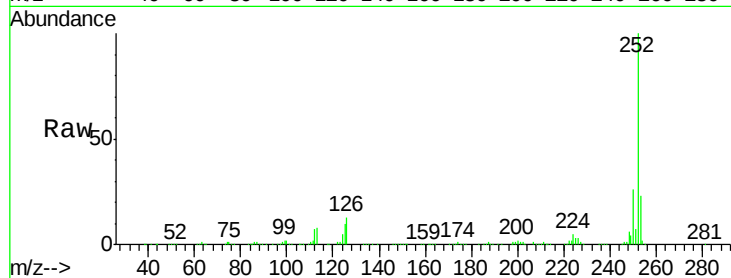




#87
Benzo(b)fluoranthene
Concen: 36.46 ng
RT: 15.11 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

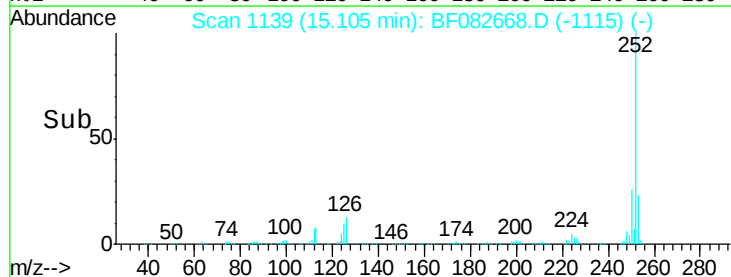
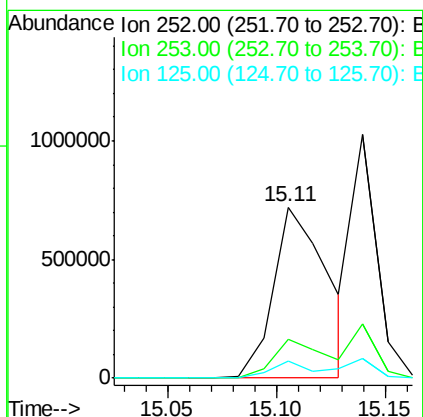
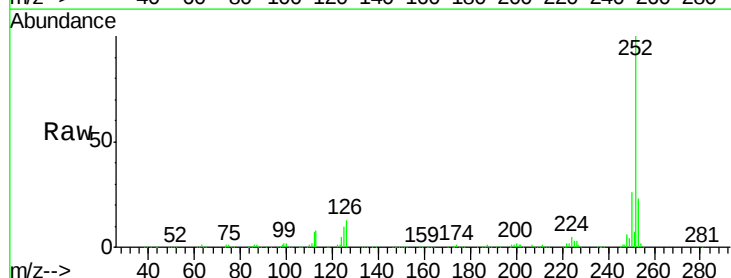
Instrument :
BNA_F
ClientSampleId :
PB86401BS

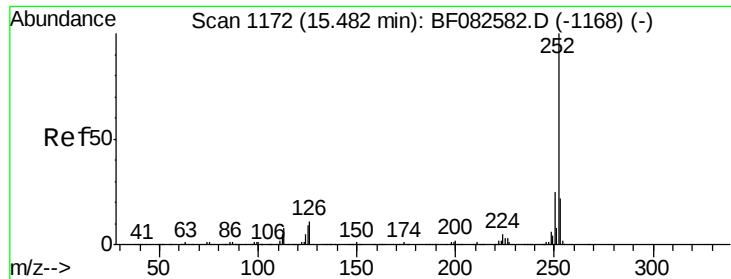
Tgt Ion:252 Resp: 1242150
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.0 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 47.86 ng
RT: 15.11 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion:252 Resp: 1242150
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 10.0 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 36.73 ng

RT: 15.47 min Scan# 1171

Delta R.T. 0.02 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

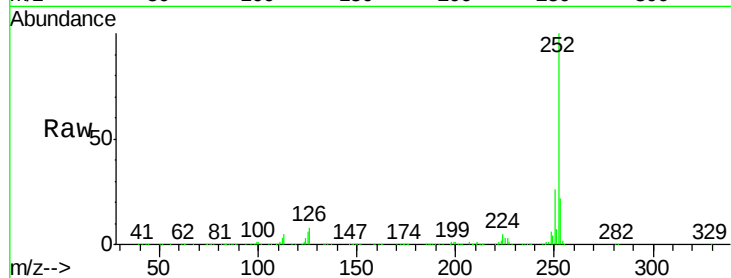
Tgt Ion:252 Resp: 985374

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

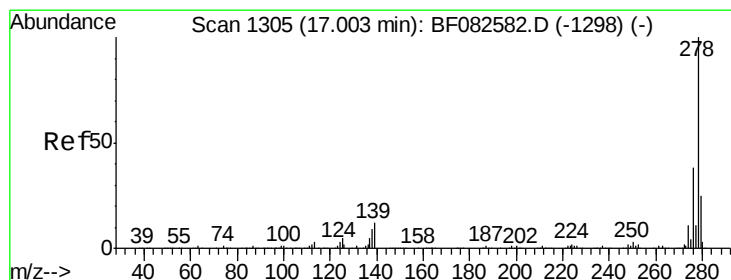
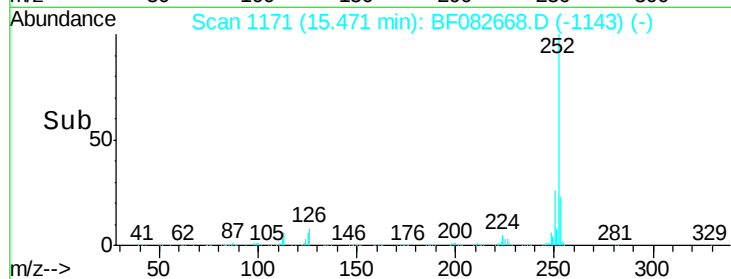
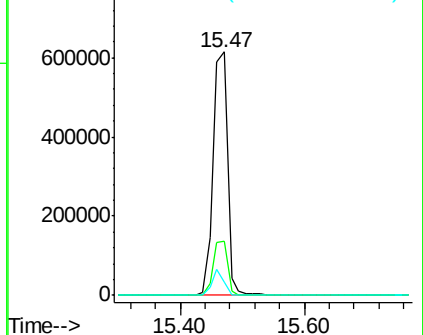
125 5.6 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.68 ng

RT: 16.97 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

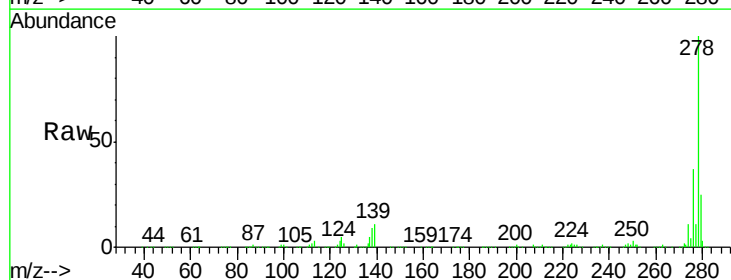
Tgt Ion:278 Resp: 918234

Ion Ratio Lower Upper

278 100

139 11.2 9.9 14.9

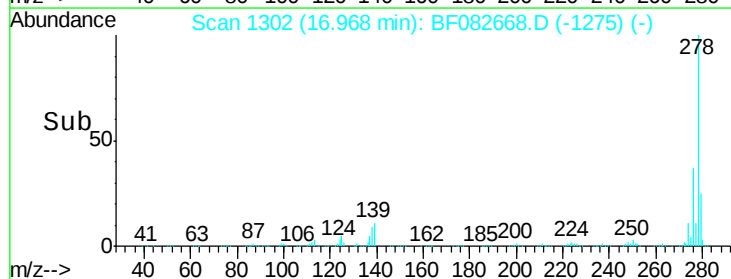
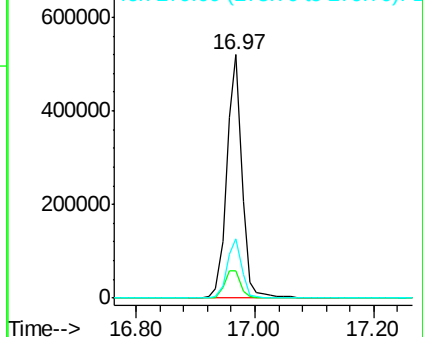
279 24.6 19.6 29.4

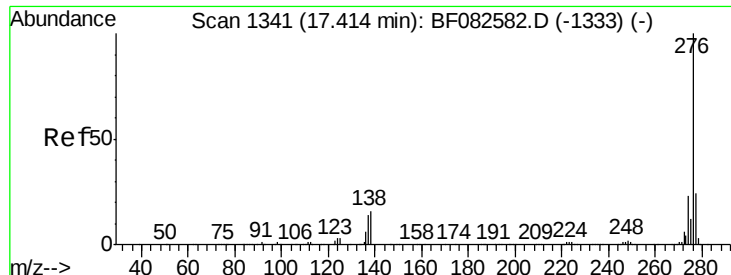


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.88 ng

RT: 17.37 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

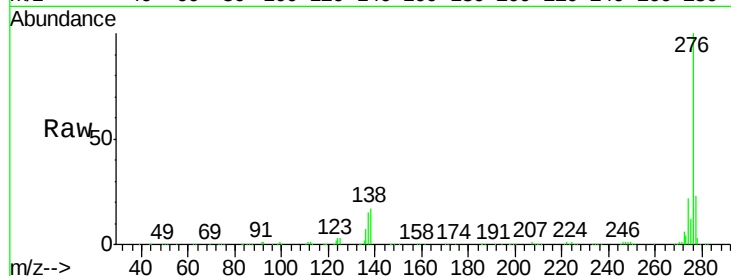
Tgt Ion: 276 Resp: 918951

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 17.5 13.1 19.7



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

