

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081345.D
 Acq On : 2 Sep 2015 13:23
 Operator : UM/IZ
 Sample : PB85326BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85326BS

Quant Time: Sep 02 23:00:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 22:52:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	61663	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	236316	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	103281	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	215084	20.00	ng	0.00
75) Chrysene-d12	13.50	240	181642	20.00	ng	0.00
86) Perylene-d12	14.80	264	118125	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.95	112	329734	82.97	ng	0.02
7) Phenol-d6	6.06	99	435537	82.79	ng	0.00
23) Nitrobenzene-d5	6.97	82	406527	83.00	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	82145	89.33	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	706813	87.70	ng	0.00
78) Terphenyl-d14	12.47	244	591704	75.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.82	88	53724	30.10	ng	# 91
3) Pyridine	2.35	79	180557	36.68	ng	# 86
4) n-Nitrosodimethylamine	2.33	42	104486	38.21	ng	# 82
6) Aniline	6.04	93	178077	23.97	ng	# 72
8) 2-Chlorophenol	6.17	128	170069	38.83	ng	# 82
9) Benzaldehyde	5.92	77	34815	10.56	ng	# 73
10) Phenol	6.07	94	265428	43.51	ng	# 59
11) bis(2-Chloroethyl)ether	6.14	93	165741	37.65	ng	# 85
12) 1,3-Dichlorobenzene	6.32	146	165855	35.44	ng	# 87
13) 1,4-Dichlorobenzene	6.41	146	170981	35.89	ng	# 94
14) 1,2-Dichlorobenzene	6.41	146	170981	39.86	ng	# 98
15) Benzyl Alcohol	6.56	79	171579	39.76	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	6.70	45	326935	38.75	ng	# 89
17) 2-Methylphenol	6.68	107	143753	41.14	ng	# 78
18) Hexachloroethane	6.90	117	68462	36.93	ng	# 84
19) n-Nitroso-di-n-propylamine	6.83	70	135179	37.75	ng	# 84
20) 3+4-Methylphenols	6.84	107	185253	39.32	ng	# 87
22) Acetophenone	6.82	105	253346	39.25	ng	# 81
24) Nitrobenzene	6.98	77	178356	35.06	ng	# 60
25) Isophorone	7.23	82	347144	38.10	ng	# 83
26) 2-Nitrophenol	7.30	139	80915	36.50	ng	# 29
27) 2,4-Dimethylphenol	7.37	122	161049	42.06	ng	# 80
28) bis(2-Chloroethoxy)methane	7.46	93	220174	41.84	ng	# 93
29) 2,4-Dichlorophenol	7.55	162	139423	41.99	ng	# 93
30) 1,2,4-Trichlorobenzene	7.62	180	136726	37.90	ng	# 96
31) Naphthalene	7.70	128	498259	39.53	ng	# 98
32) Benzoic acid	7.52	122	97465	36.31	ng	# 59
33) 4-Chloroaniline	7.76	127	80800	15.72	ng	# 77
34) Hexachlorobutadiene	7.83	225	87142	39.70	ng	# 98
35) Caprolactam	8.15	113	30002	29.46	ng	# 42
36) 4-Chloro-3-methylphenol	8.27	107	169504	45.61	ng	# 81
37) 2-Methylnaphthalene	8.39	142	292240	35.63	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	142335	43.58	ng	# 97
40) Hexachlorocyclopentadiene	8.55	237	147719	92.15	ng	# 96

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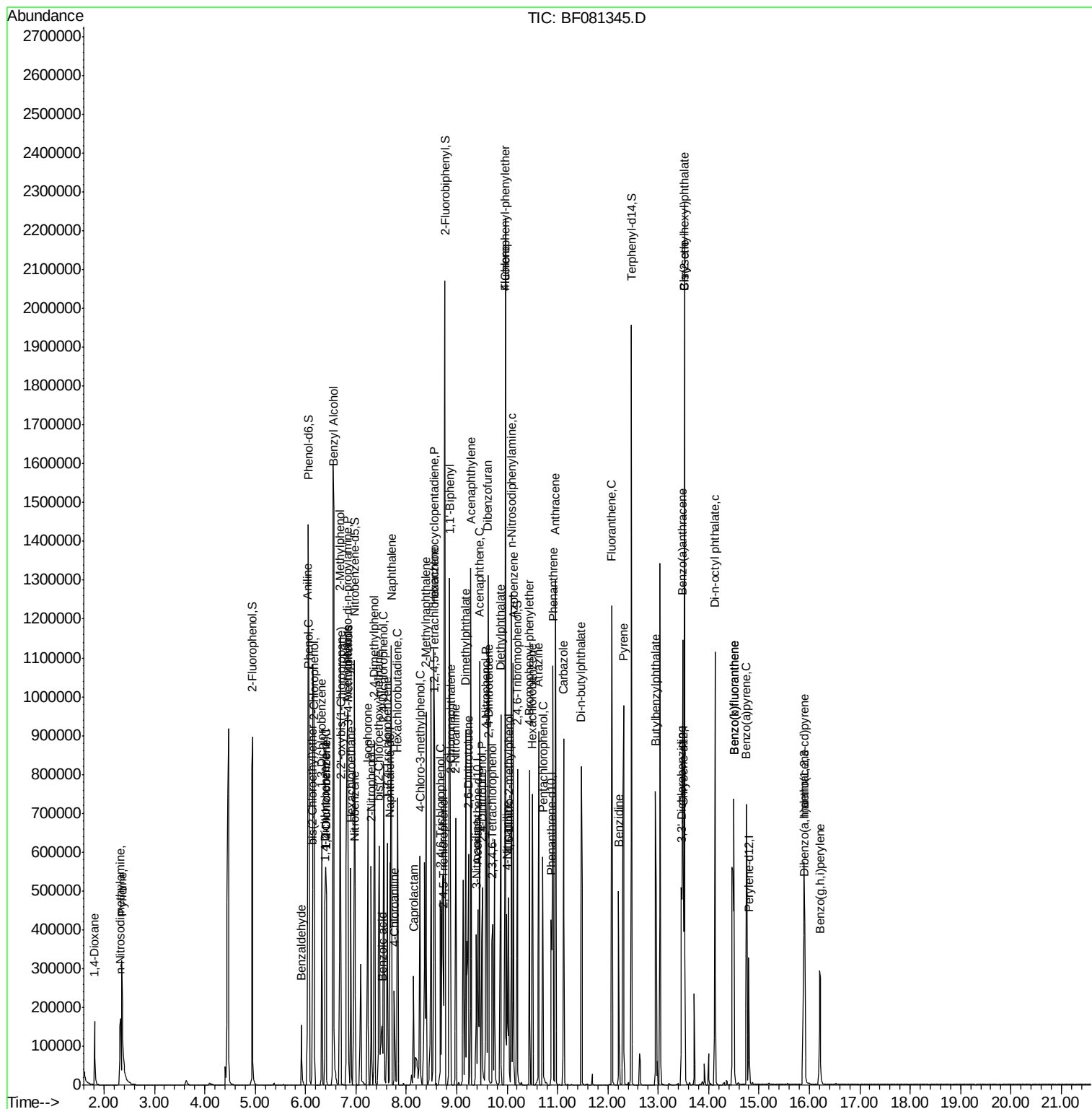
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	91935	40.78	nq	96
43) 2,4,5-Trichlorophenol	8.73	196	97936	42.59	nq	# 96
45) 1,1'-Biphenyl	8.86	154	355735	37.44	nq	95
46) 2-Chloronaphthalene	8.88	162	286525	41.76	nq	95
47) 2-Nitroaniline	8.98	65	120620	43.13	nq	# 60
48) Acenaphthylene	9.28	152	449380	36.91	nq	97
49) Dimethylphthalate	9.18	163	340847	42.48	nq	# 97
50) 2,6-Dinitrotoluene	9.23	165	80252	44.06	nq	# 69
51) Acenaphthene	9.45	154	255093	36.83	nq	89
52) 3-Nitroaniline	9.39	138	58575	28.25	nq	# 67
53) 2,4-Dinitrophenol	9.51	184	86402	112.63	nq	# 71
54) Dibenzofuran	9.62	168	391562	38.72	nq	# 81
55) 4-Nitrophenol	9.58	139	108653	83.41	nq	# 1
56) 2,4-Dinitrotoluene	9.63	165	105082	45.31	nq	# 82
57) Fluorene	9.96	166	347024	45.22	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.71	232	77455	44.11	nq	93
59) Diethylphthalate	9.87	149	389140	46.10	nq	97
60) 4-Chlorophenyl-phenylether	9.96	204	147095	41.13	nq	# 79
61) 4-Nitroaniline	10.00	138	77779	37.13	nq	# 16
62) Azobenzene	10.12	77	434587	46.31	nq	87
64) 4,6-Dinitro-2-methylphenol	10.03	198	51932	43.17	nq	93
65) n-Nitrosodiphenylamine	10.09	169	300832	38.44	nq	92
66) 4-Bromophenyl-phenylether	10.44	248	79602	36.60	nq	# 74
67) Hexachlorobenzene	10.50	284	85270	37.50	nq	# 79
68) Atrazine	10.63	200	91022	40.19	nq	82
69) Pentachlorophenol	10.71	266	94957	85.15	nq	99
70) Phenanthrene	10.91	178	512506	42.86	nq	97
71) Anthracene	10.96	178	466848	38.00	nq	98
72) Carbazole	11.12	167	432792	37.54	nq	# 95
73) Di-n-butylphthalate	11.47	149	535484	39.34	nq	# 98
74) Fluoranthene	12.08	202	494672	38.21	nq	91
76) Benzidine	12.22	184	178133	22.84	nq	98
77) Pyrene	12.31	202	569860	42.35	nq	98
79) Butylbenzylphthalate	12.95	149	227904	38.95	nq	# 64
80) Benzo(a)anthracene	13.49	228	476212	41.17	nq	97
81) 3,3'-Dichlorobenzidine	13.46	252	92545	23.72	nq	# 94
82) Chrysene	13.52	228	332103	32.03	nq	95
83) Bis(2-ethylhexyl)phthalate	13.52	149	308827	39.99	nq	# 90
84) Di-n-octyl phthalate	14.13	149	501321	39.43	nq	98
85) Indeno(1,2,3-cd)pyrene	15.90	276	287612	37.81	nq	# 86
87) Benzo(b)fluoranthene	14.50	252	688403	81.63	nq	# 83
88) Benzo(k)fluoranthene	14.50	252	688403	98.38	nq	# 84
89) Benzo(a)pyrene	14.75	252	297925	41.69	nq	# 87
90) Dibenzo(a,h)anthracene	15.91	278	241938	43.81	nq	# 77
91) Benzo(g,h,i)perylene	16.22	276	233048	44.22	nq	# 71

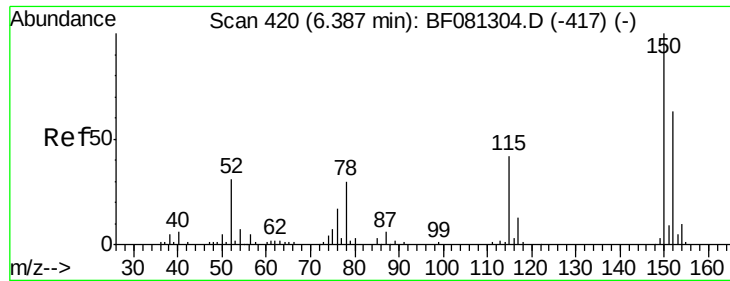
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB85326BS

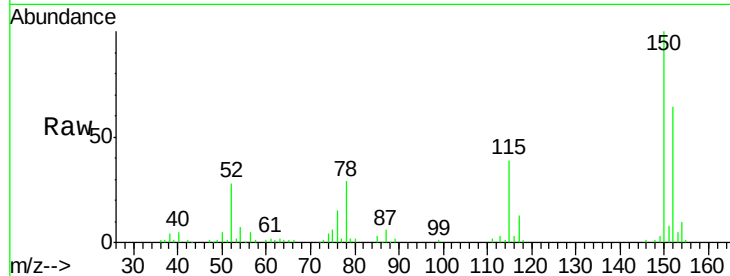
Tot Ion:152 Resp: 61663

Ion Ratio Lower Upper

152 100

150 155.8 124.7 187.1

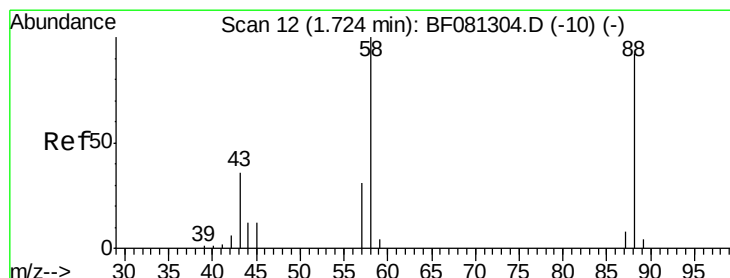
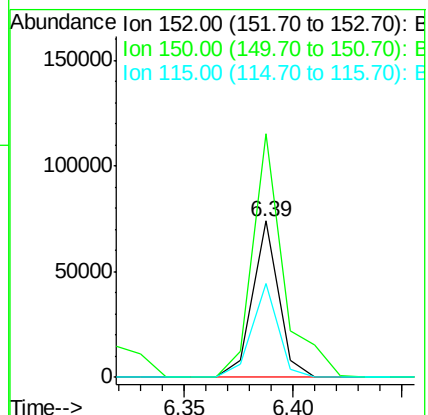
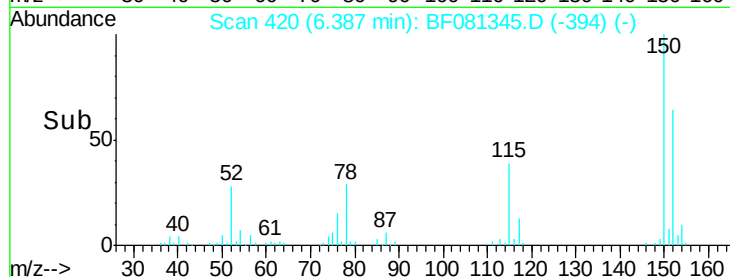
115 60.3 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.10 ng

RT: 1.82 min Scan# 20

Delta R.T. 0.09 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

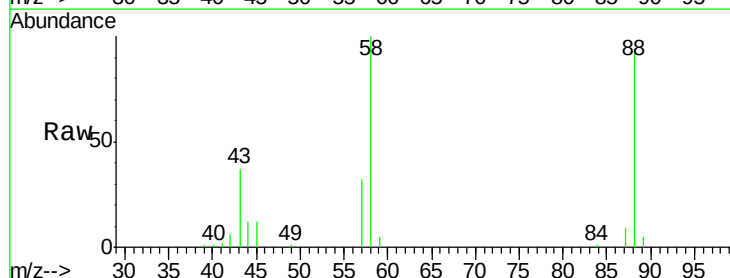
Tgt Ion: 88 Resp: 53724

Ion Ratio Lower Upper

88 100

58 104.1 77.7 116.5

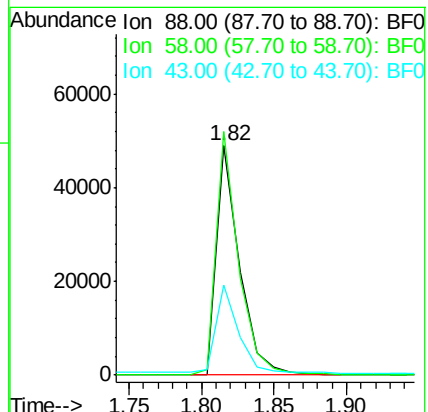
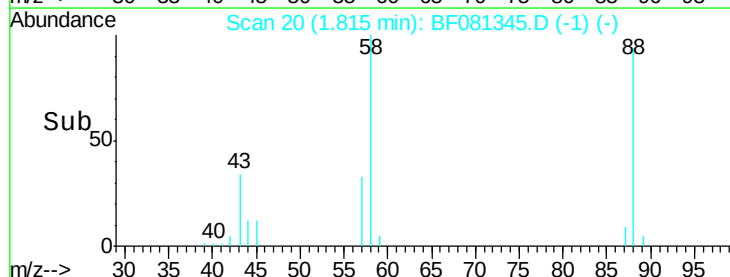
43 40.8 26.6 40.0#

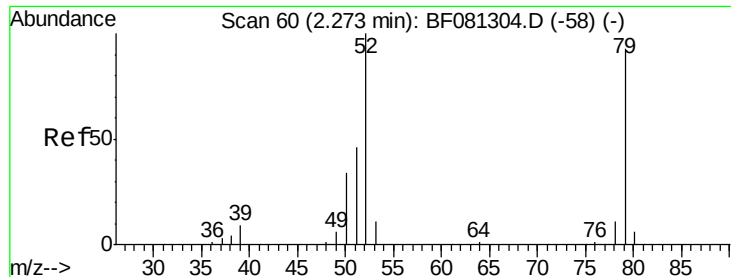


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.68 ng

RT: 2.35 min Scan# 67

Delta R.T. 0.08 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Instrument :

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PB85326BS

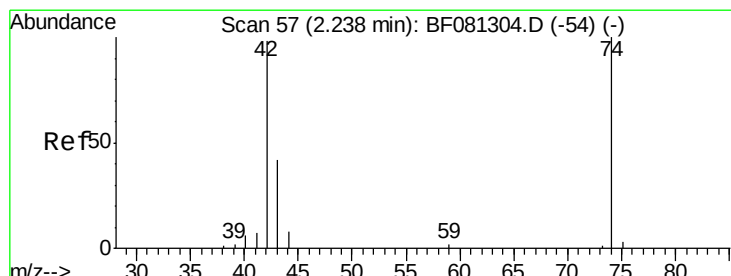
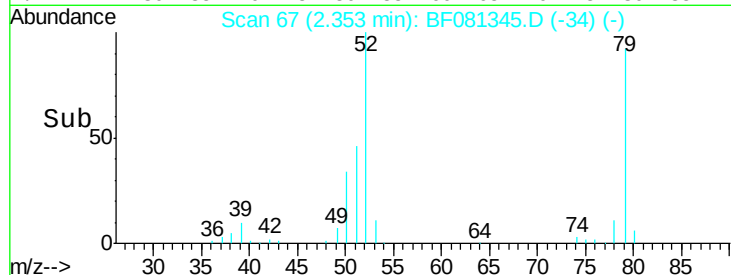
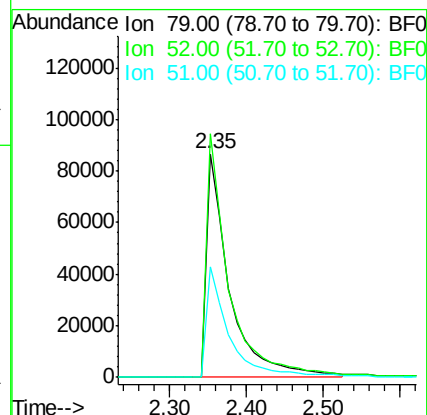
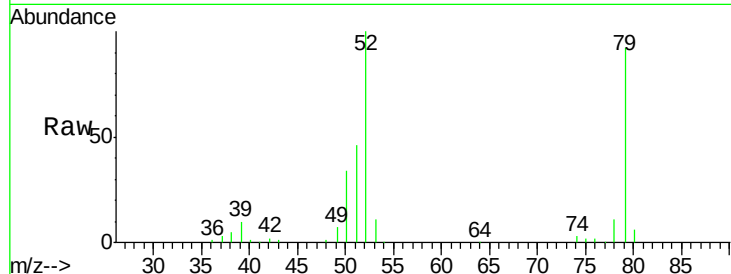
Tot Ion: 79 Resp: 180557

Ion Ratio Lower Upper

79 100

52 108.9 76.8 115.2

51 49.7 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 38.21 ng

RT: 2.33 min Scan# 65

Delta R.T. 0.09 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

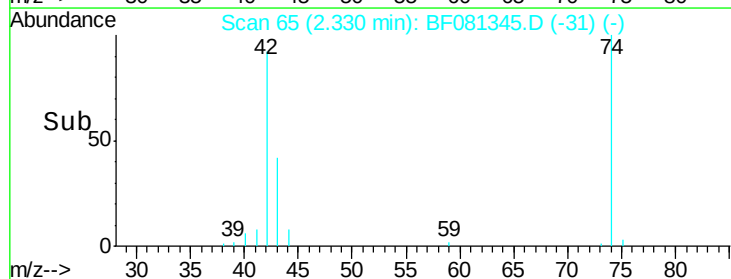
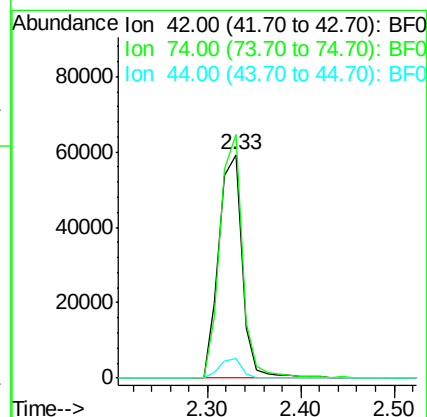
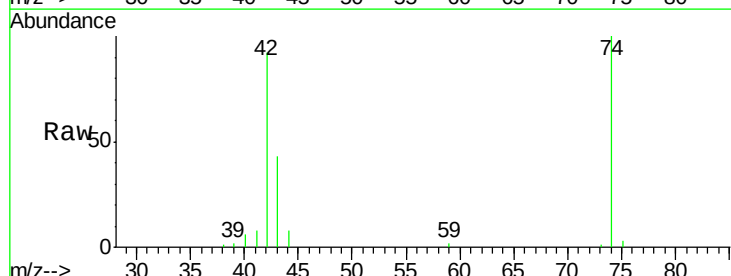
Tgt Ion: 42 Resp: 104486

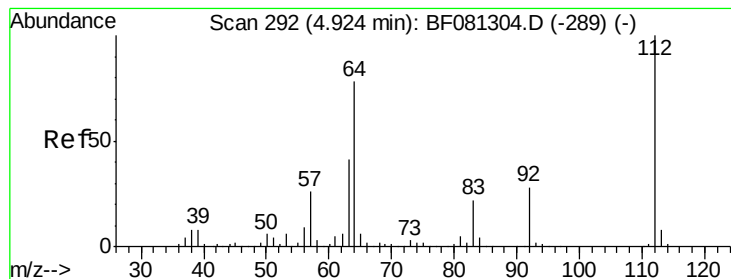
Ion Ratio Lower Upper

42 100

74 108.9 105.0 157.6

44 8.6 6.6 10.0





#5

2-Fluorophenol

Concen: 82.97 ng

RT: 4.95 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB85326BS

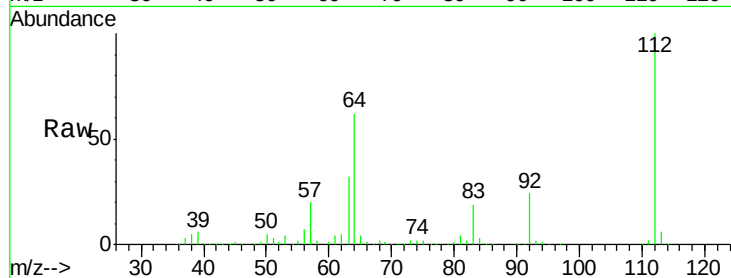
Tot Ion:112 Resp: 329734

Ion Ratio Lower Upper

112 100

64 61.6 39.7 59.5#

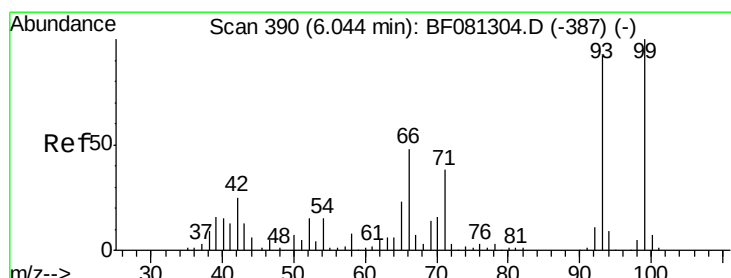
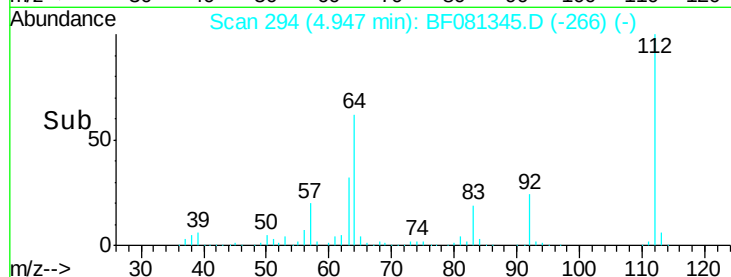
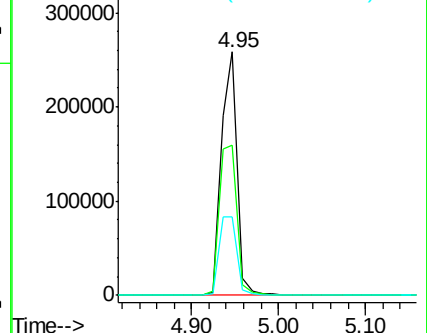
63 32.0 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.97 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

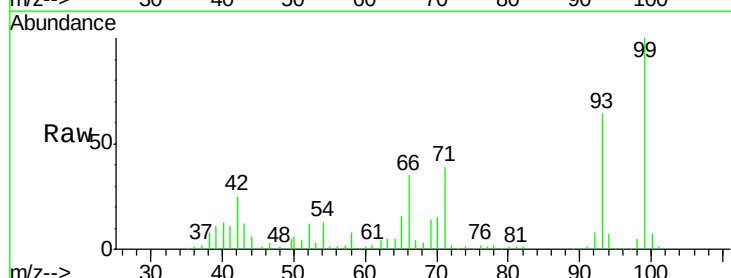
Tgt Ion: 93 Resp: 178077

Ion Ratio Lower Upper

93 100

66 53.9 27.2 40.8#

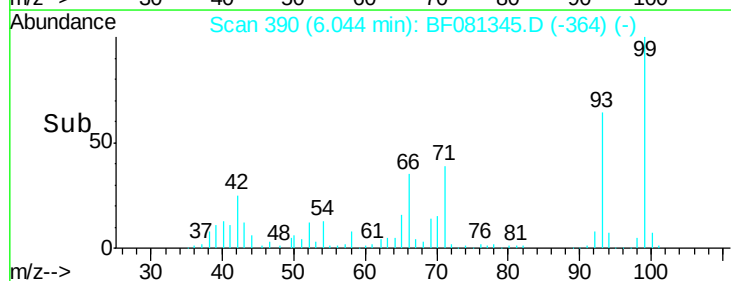
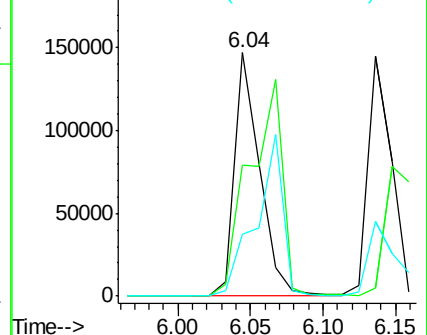
65 25.4 14.7 22.1#

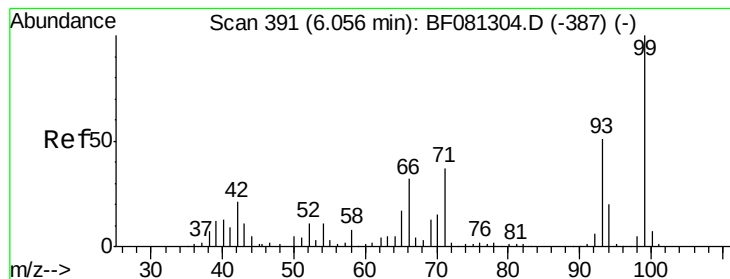


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.79 ng

RT: 6.06 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

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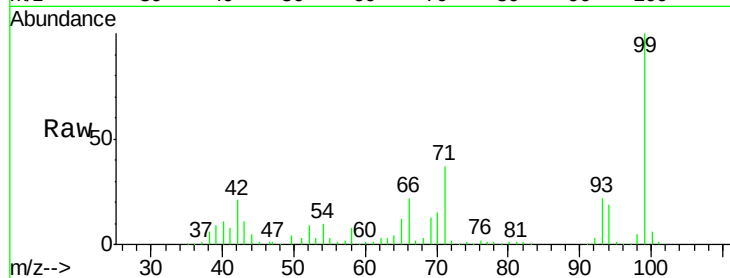
Tot Ion: 99 Resp: 43537

Ion Ratio Lower Upper

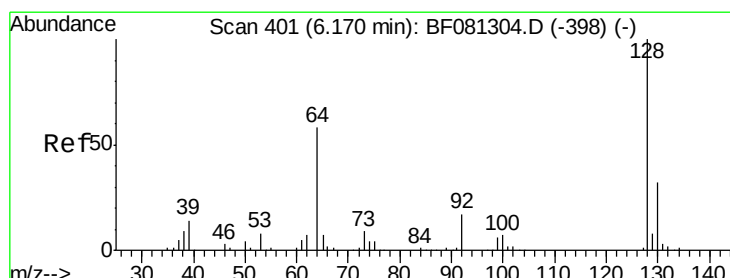
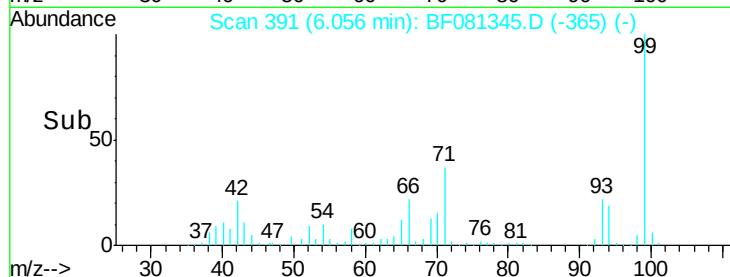
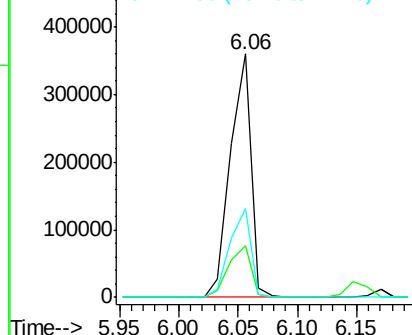
99 100

42 21.1 13.7 20.5#

71 36.6 14.2 21.2#



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: 38.83 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

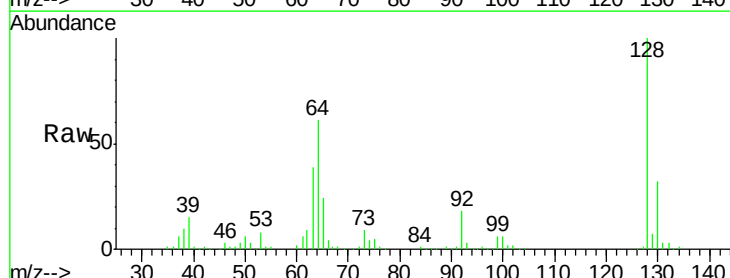
Tgt Ion: 128 Resp: 170069

Ion Ratio Lower Upper

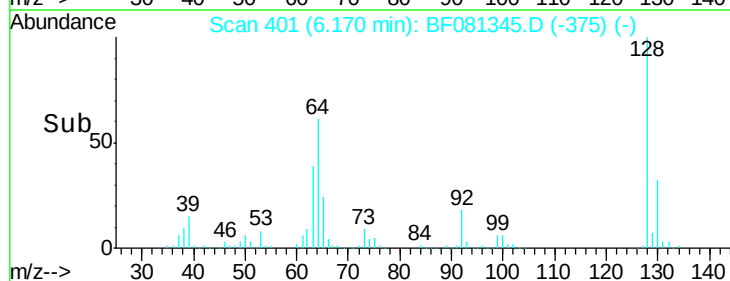
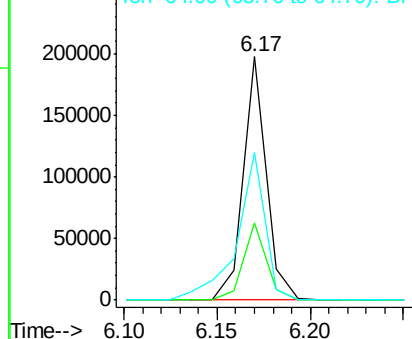
128 100

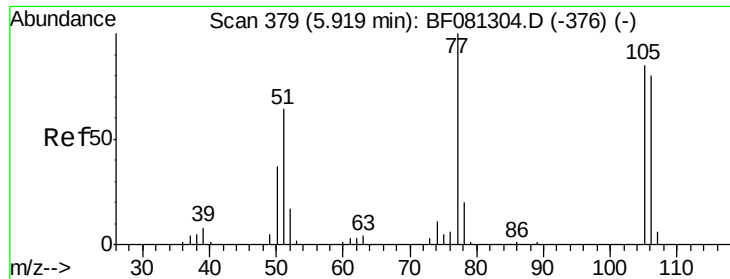
130 31.9 12.2 52.2

64 60.9 20.5 60.5#



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: 10.56 ng

RT: 5.92 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

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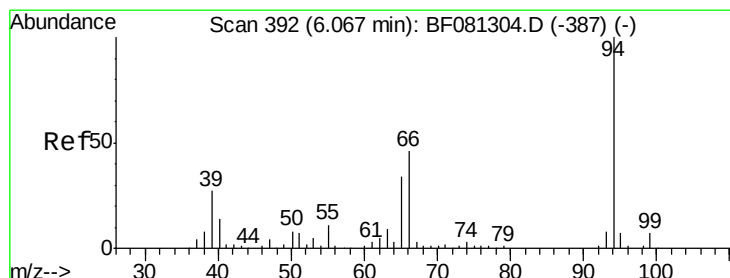
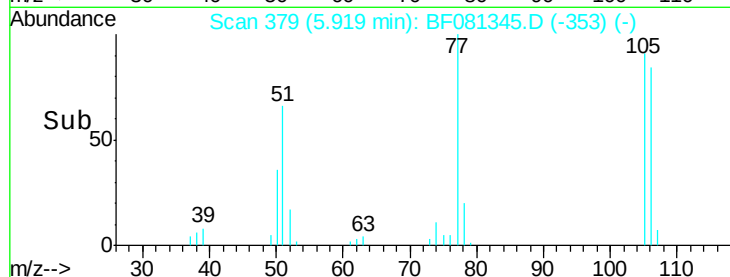
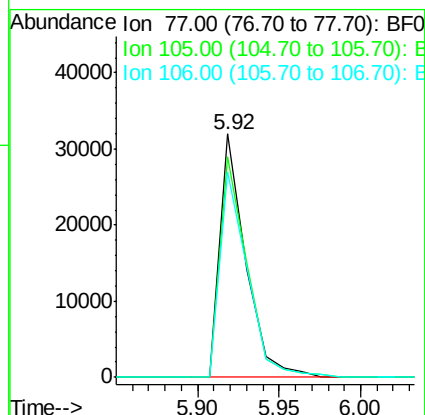
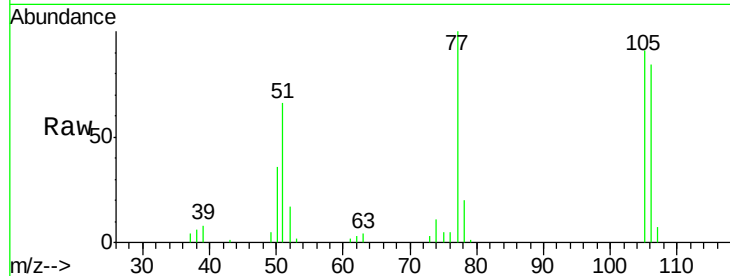
Tot Ion: 77 Resp: 34815

Ion Ratio Lower Upper

77 100

105 90.6 91.6 131.6#

106 84.1 102.6 142.6#



#10

Phenol

Concen: 43.51 ng

RT: 6.07 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

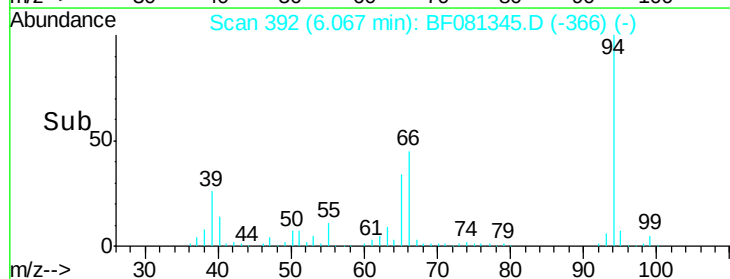
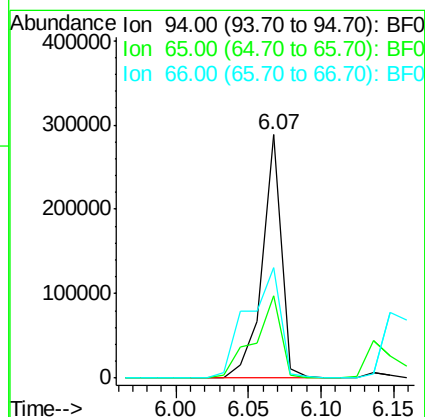
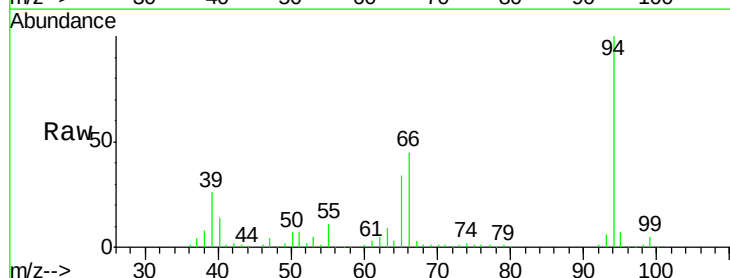
Tgt Ion: 94 Resp: 265428

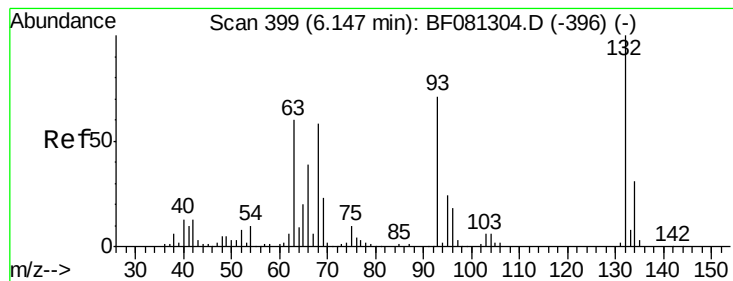
Ion Ratio Lower Upper

94 100

65 33.9 0.7 40.7

66 45.4 0.8 40.8#

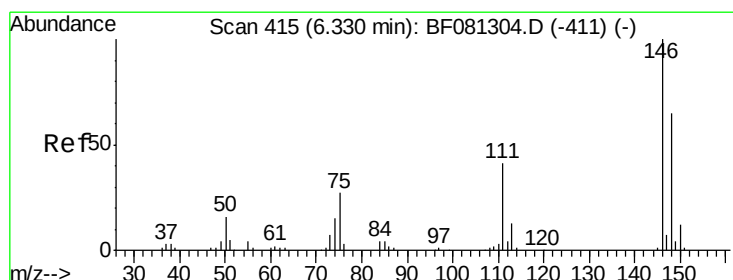
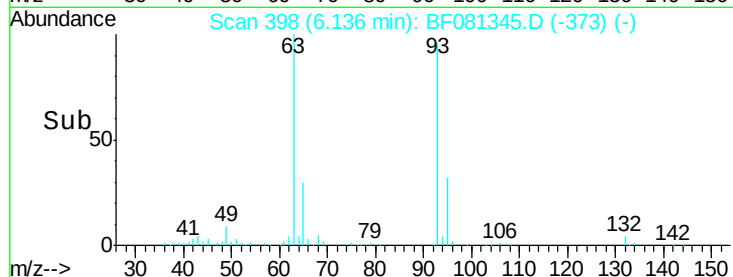
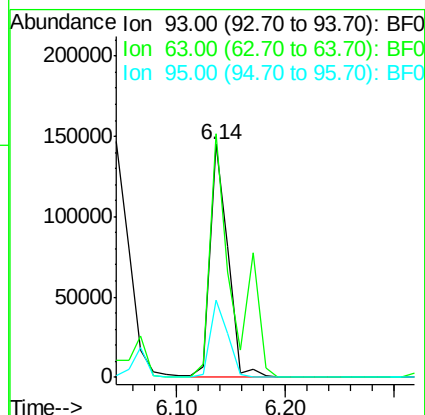
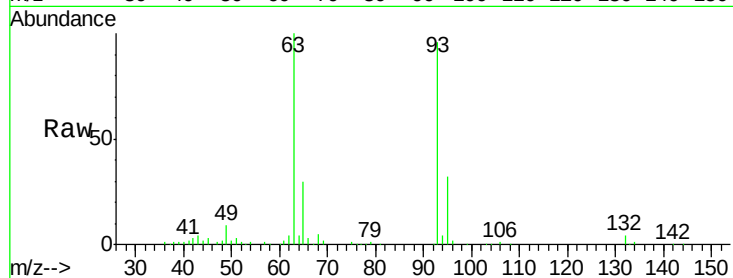




#11
bis(2-Chloroethyl)ether
Concen: 37.65 ng
RT: 6.14 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF081345.D
Acq: 2 Sep 2015 13:23

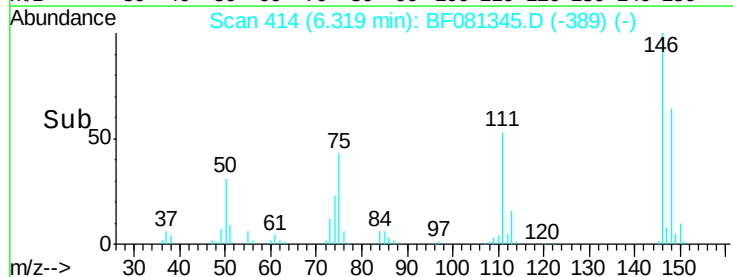
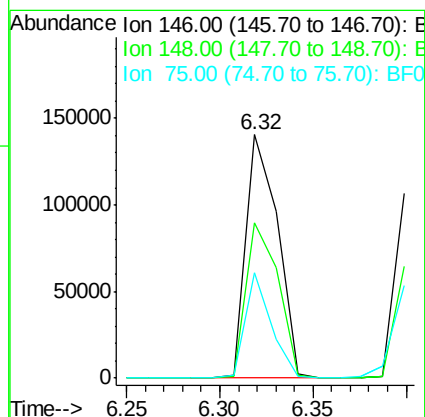
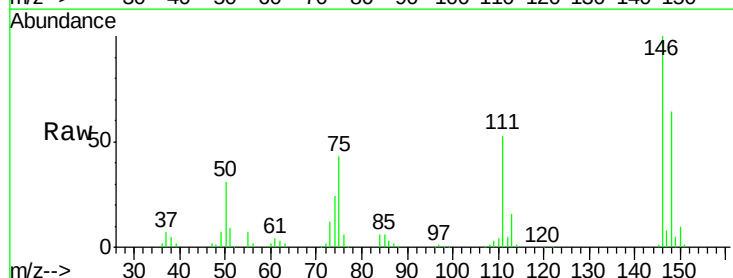
Instrument :
BNA_F
ClientSampleId :
PB85326BS

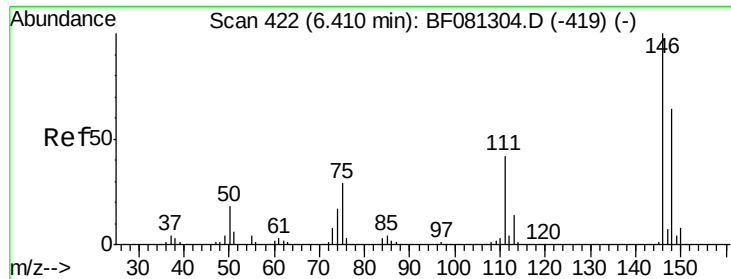
Tot Ion: 93 Resp: 165741
Ion Ratio Lower Upper
93 100
63 104.4 65.6 105.6
95 32.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 35.44 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF081345.D
Acq: 2 Sep 2015 13:23

Tgt Ion: 146 Resp: 165855
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
75 43.3 15.0 22.6#

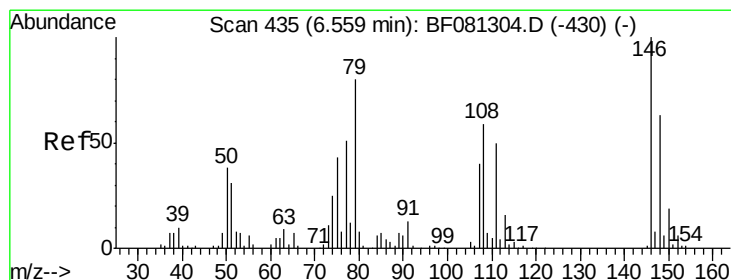
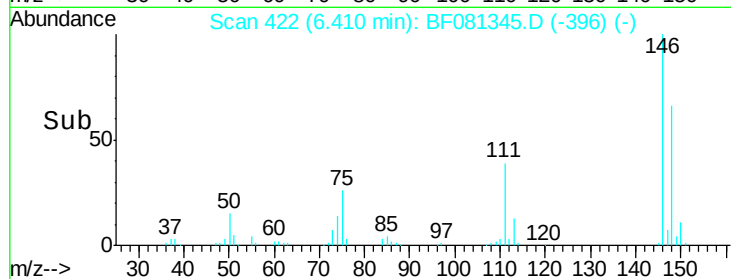
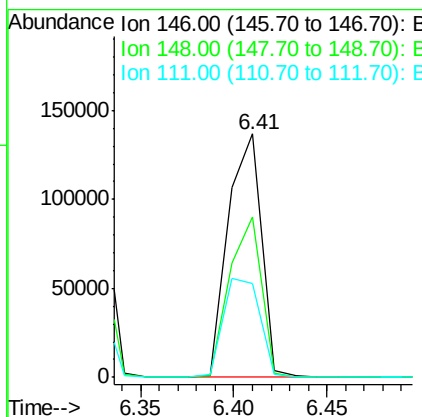
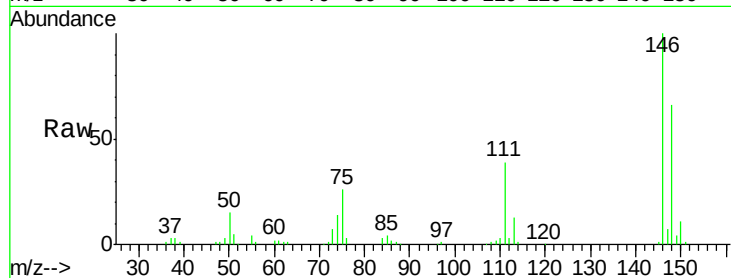




#13
 1,4-Dichlorobenzene
 Concen: 35.89 ng
 RT: 6.41 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

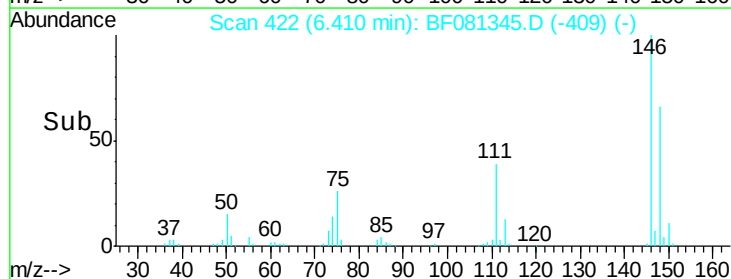
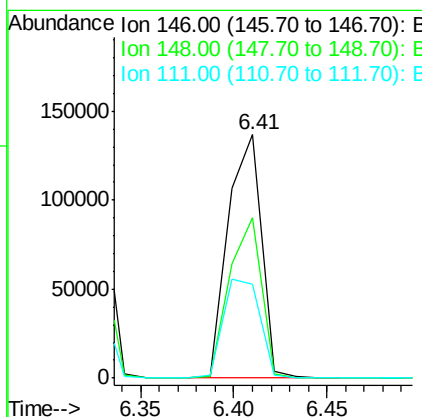
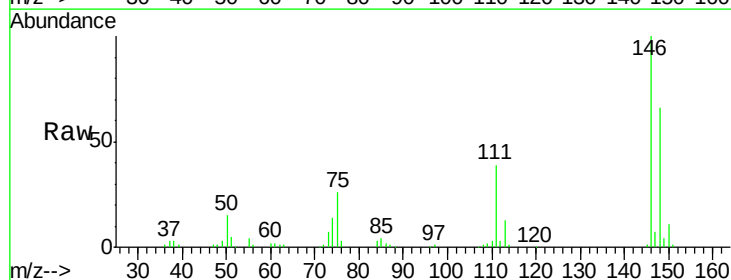
Instrument :
 BNA_F
 ClientSampleId :
 PB85326BS

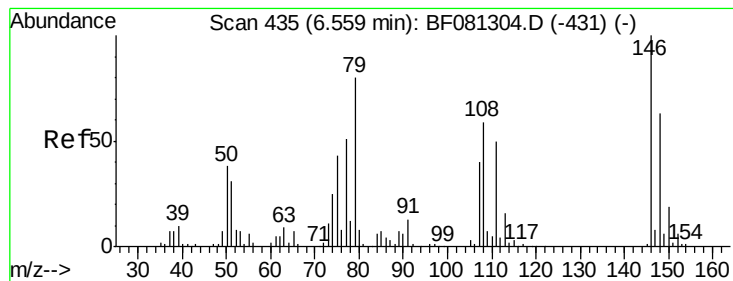
Tot Ion:146 Resp: 170981
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.8 77.6
 111 38.7 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 39.86 ng
 RT: 6.41 min Scan# 422
 Delta R.T. -0.15 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

Tgt Ion:146 Resp: 170981
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.7 79.1
 111 38.7 28.8 43.2





#15

Benzyl Alcohol

Concen: 39.76 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB85326BS

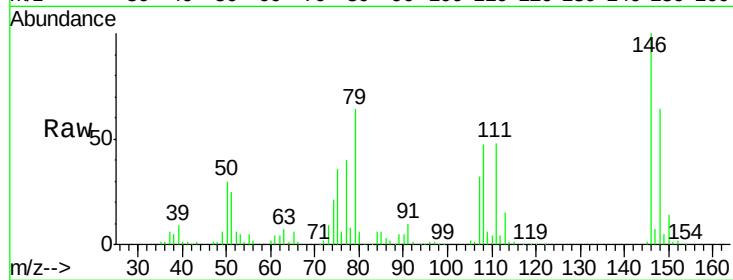
Tot Ion: 79 Resp: 171579

Ion Ratio Lower Upper

79 100

108 73.5 88.6 132.8#

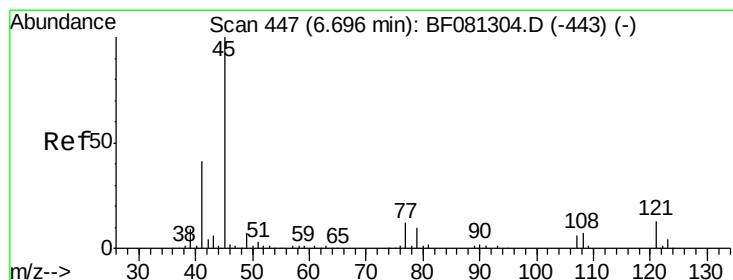
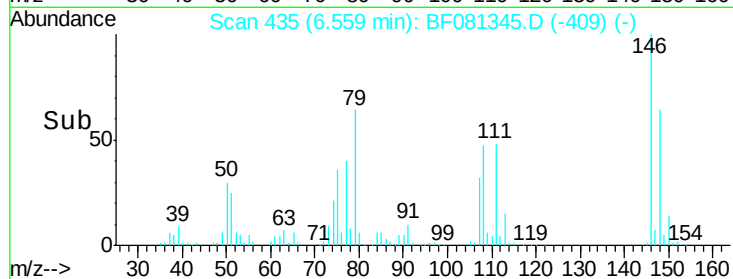
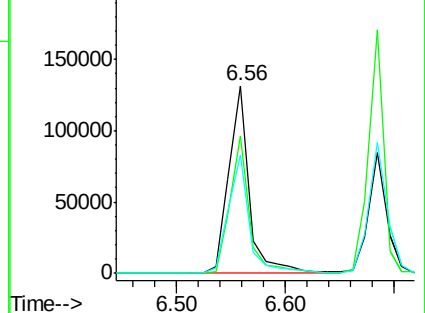
77 62.7 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.75 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

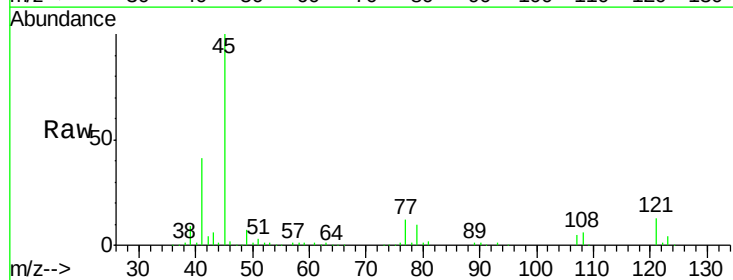
Tgt Ion: 45 Resp: 326935

Ion Ratio Lower Upper

45 100

77 11.9 0.0 28.1

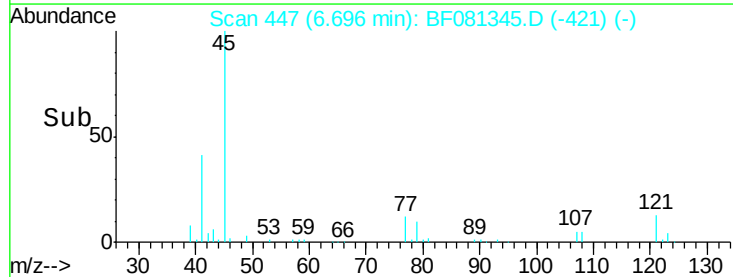
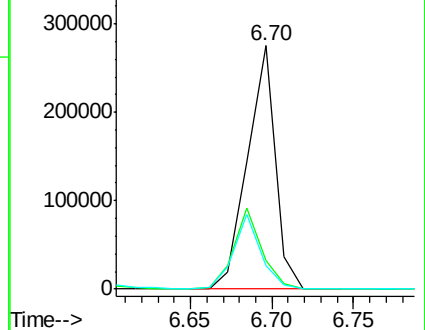
79 9.6 0.0 26.0

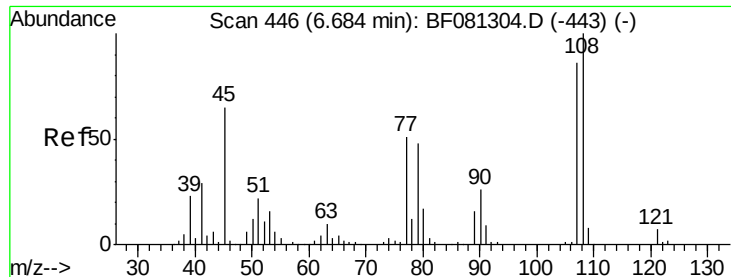


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.14 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB85326BS

Tot Ion:107 Resp: 143753

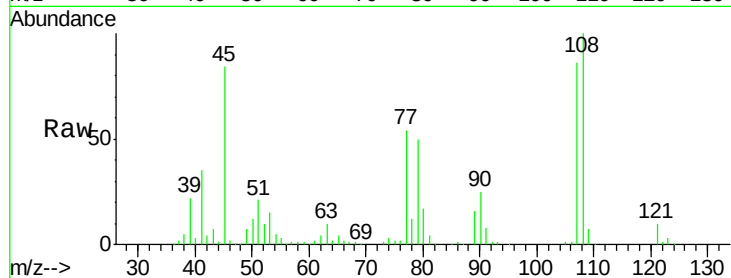
Ion Ratio Lower Upper

107 100

108 116.4 96.6 145.0

77 62.4 23.3 34.9#

79 57.6 22.0 33.0#

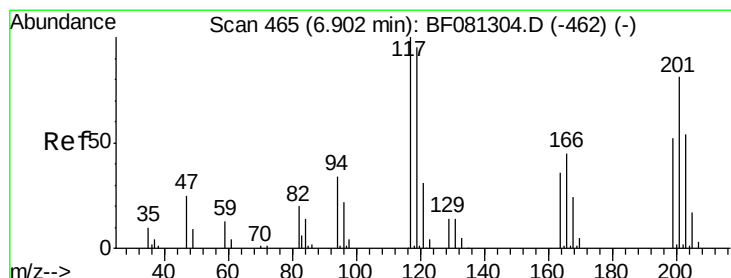
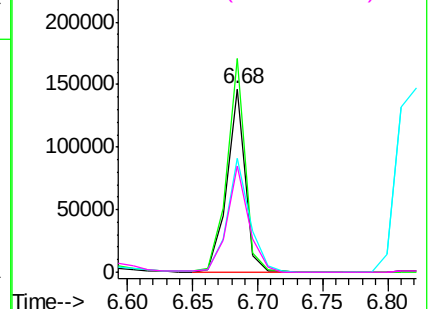
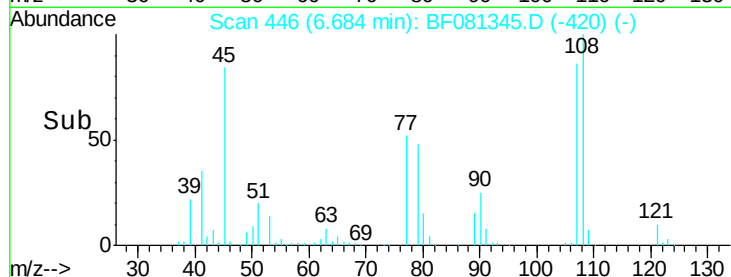


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.93 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

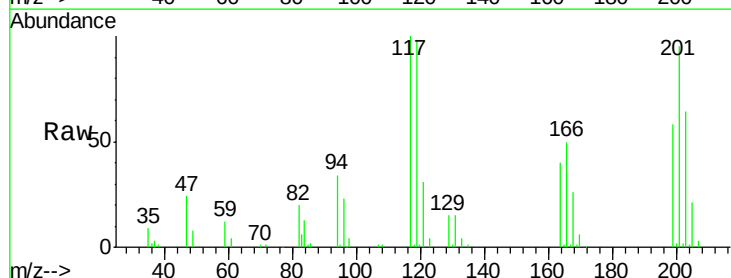
Tgt Ion:117 Resp: 68462

Ion Ratio Lower Upper

117 100

119 98.1 83.8 125.6

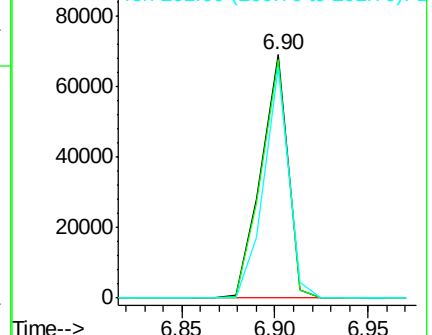
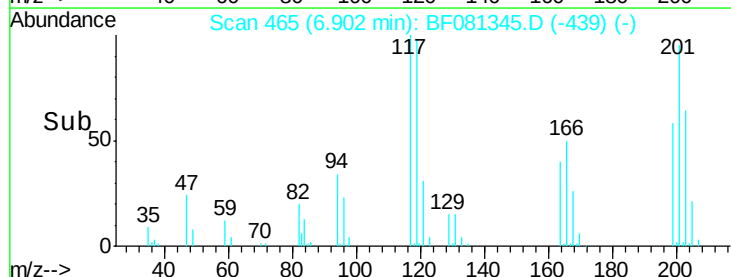
201 94.6 55.1 82.7#

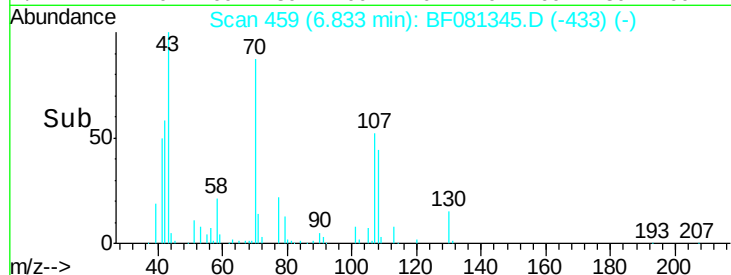
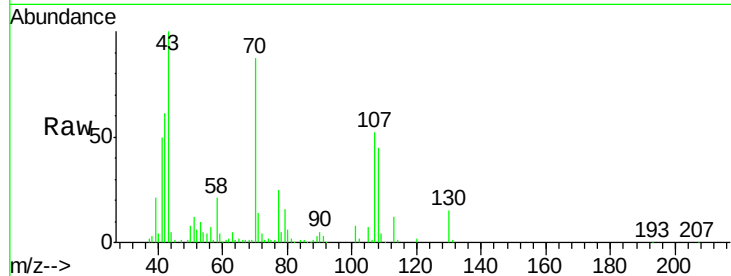
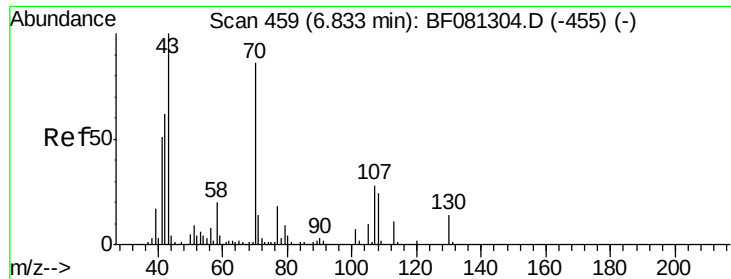


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

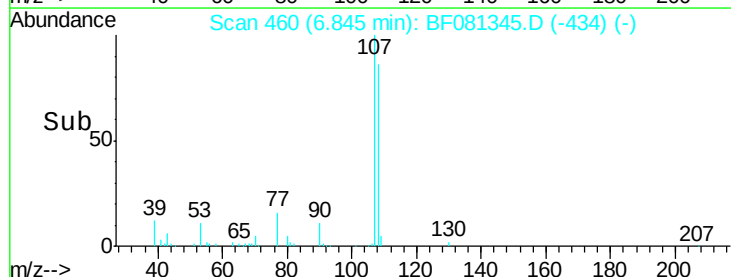
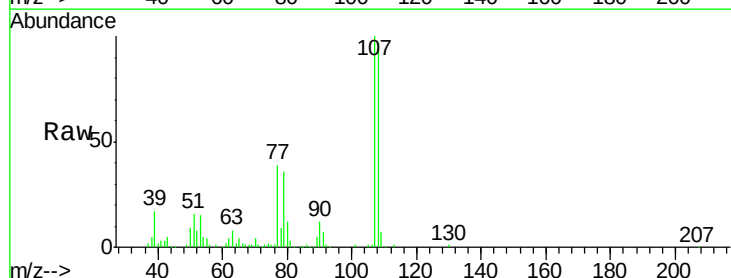
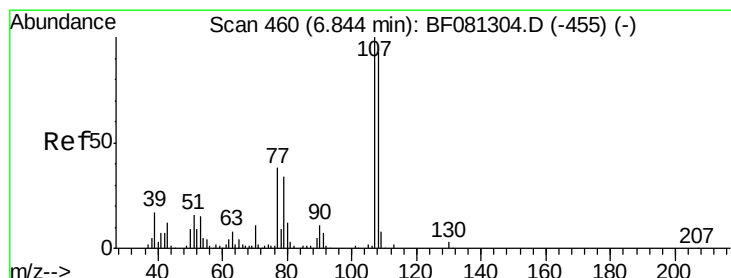
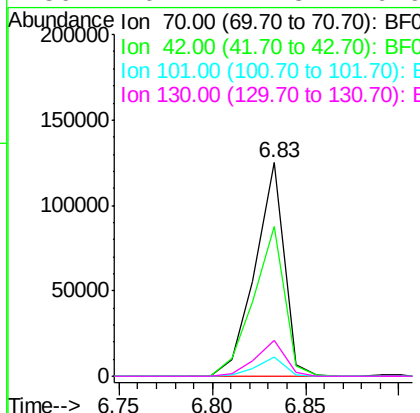




#19
n-Nitroso-di-n-propylamine
Concen: 37.75 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF081345.D
Acq: 2 Sep 2015 13:23

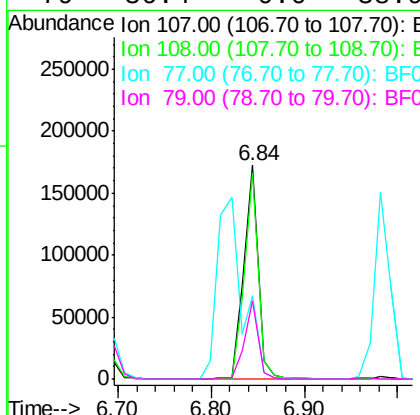
Instrument :
BNA_F
ClientSampleId :
PB85326BS

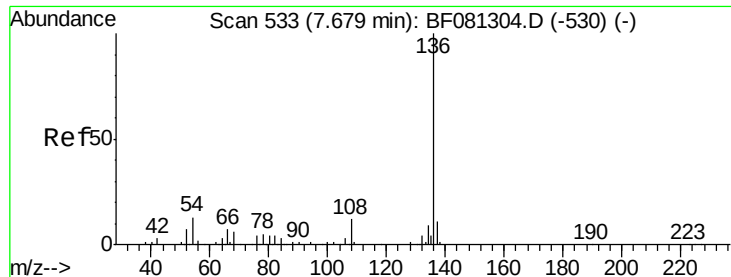
Tot Ion: 70 Resp: 135179
Ion Ratio Lower Upper
70 100
42 69.9 63.8 95.6
101 9.0 9.2 13.8#
130 16.7 27.3 40.9#



#20
3+4-Methylphenols
Concen: 39.32 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF081345.D
Acq: 2 Sep 2015 13:23

Tgt Ion:107 Resp: 185253
Ion Ratio Lower Upper
107 100
108 96.5 74.6 114.6
77 38.8 0.7 40.7
79 36.4 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

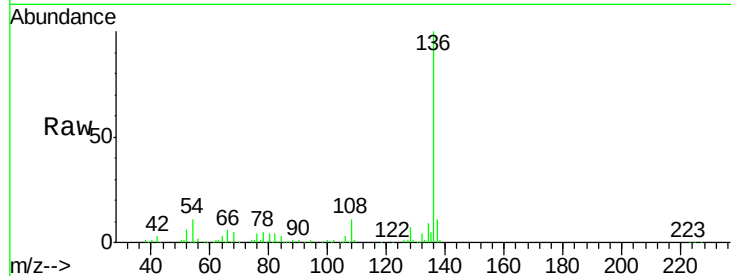
Instrument :

BNA_F

ClientSampleId :

PB85326BS

Tot Ion:136	Resp:	236316
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.0 13.6
54	11.0	8.2 12.2
68	5.2	5.8 8.6#

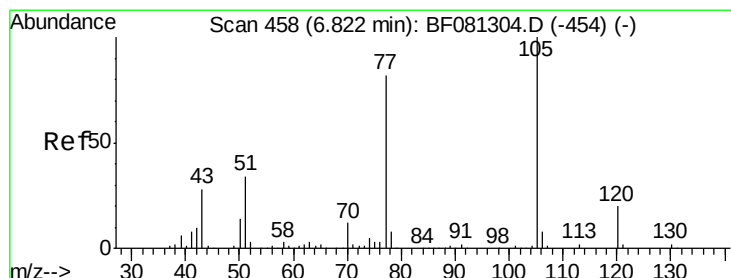
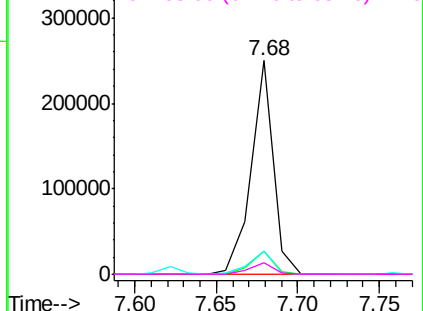
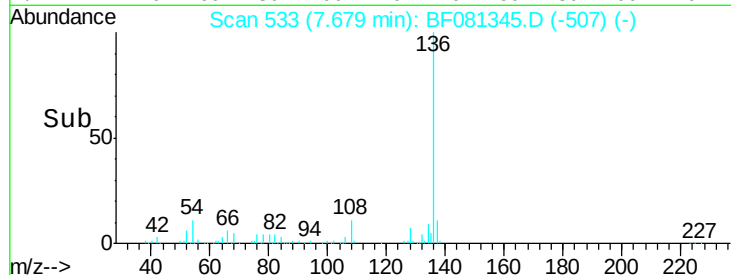


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.25 ng

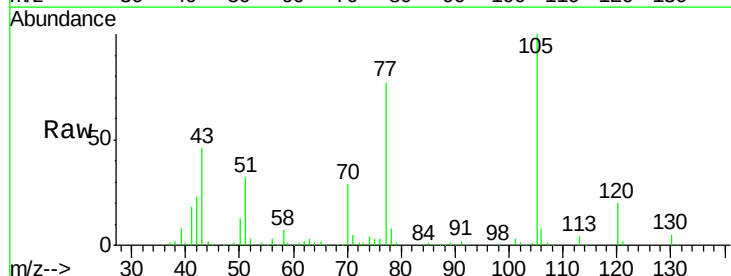
RT: 6.82 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Tgt Ion:105	Resp:	253346
Ion Ratio	Lower	Upper
105	100	
71	4.7	4.7 7.1
51	31.9	22.0 33.0
120	20.0	30.1 45.1#

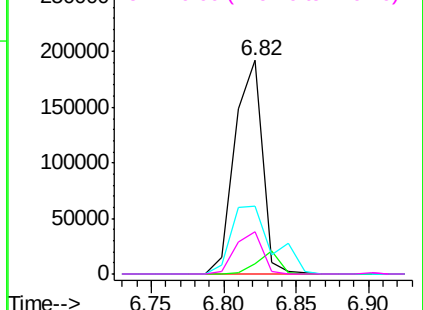
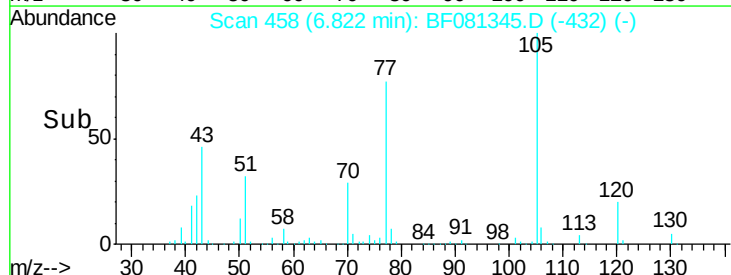


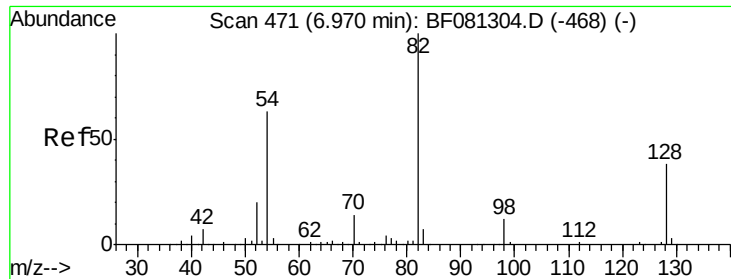
Abundance Ion 105.00 (104.70 to 105.70): E

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

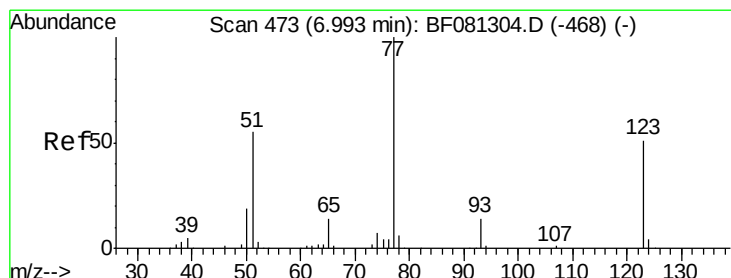
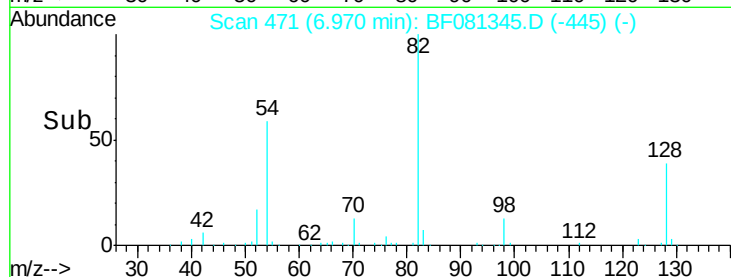
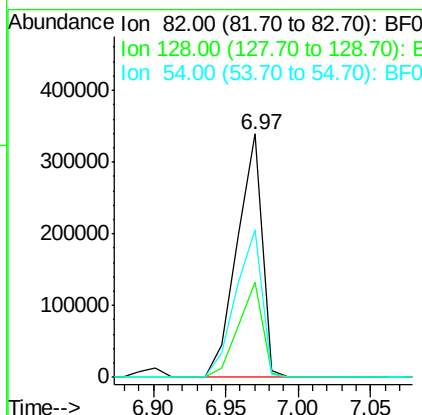
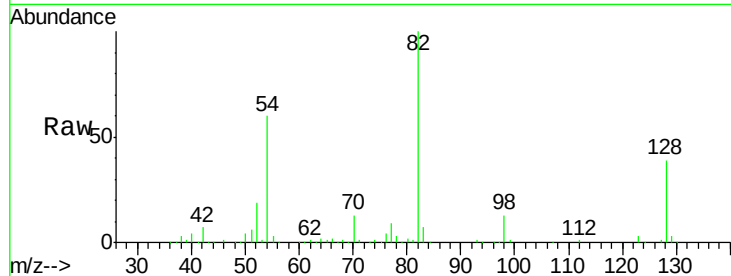




#23
 Nitrobenzene-d5
 Concen: 83.00 ng
 RT: 6.97 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

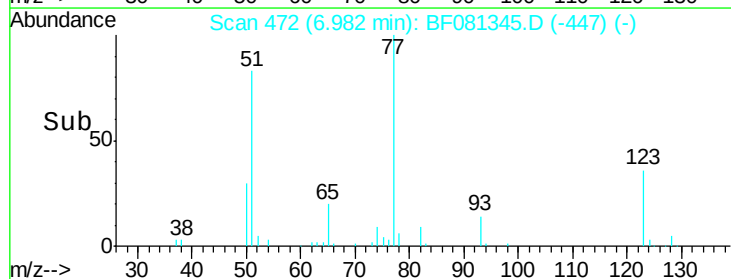
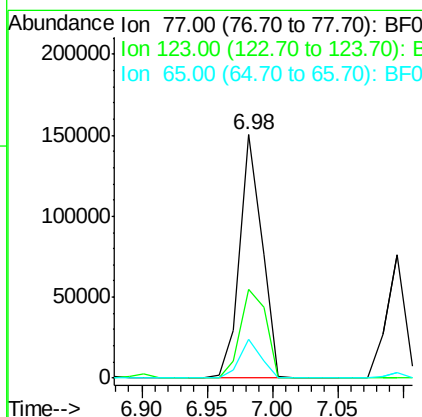
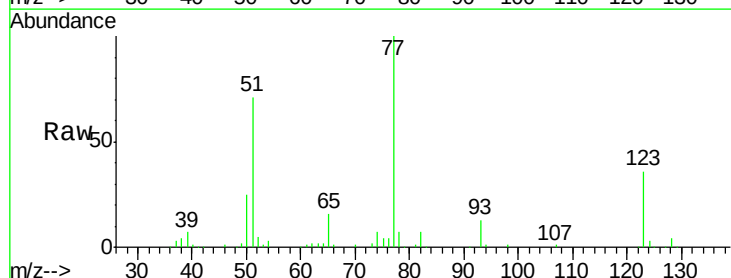
Instrument :
 BNA_F
 ClientSampleId :
 PB85326BS

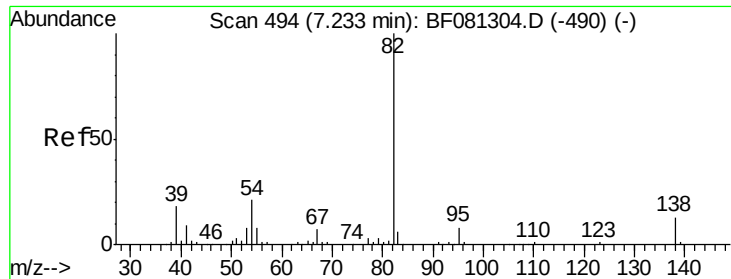
Tot Ion: 82 Resp: 406527
 Ion Ratio Lower Upper
 82 100
 128 39.1 51.0 76.6#
 54 60.5 47.5 71.3



#24
 Nitrobenzene
 Concen: 35.06 ng
 RT: 6.98 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

Tgt Ion: 77 Resp: 178356
 Ion Ratio Lower Upper
 77 100
 123 36.2 59.8 89.8#
 65 16.1 10.2 15.4#





#25

Isophorone

Concen: 38.10 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB85326BS

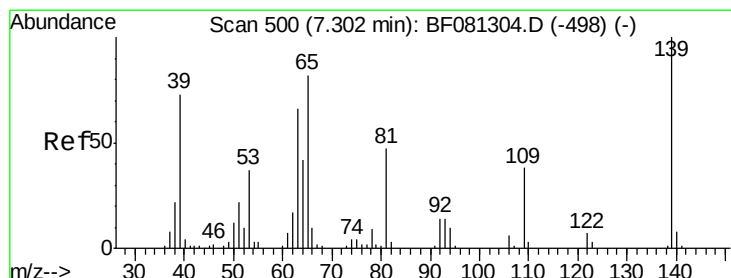
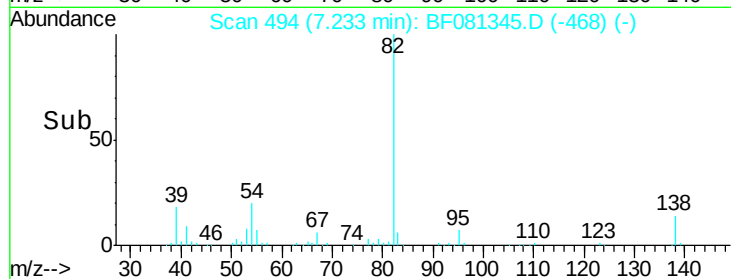
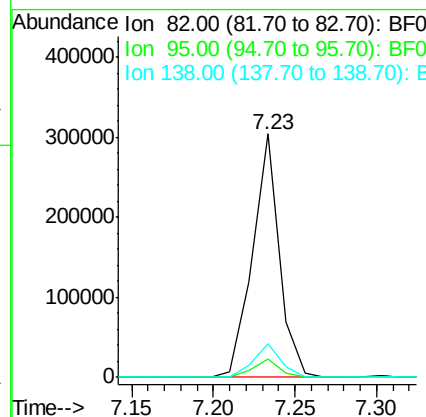
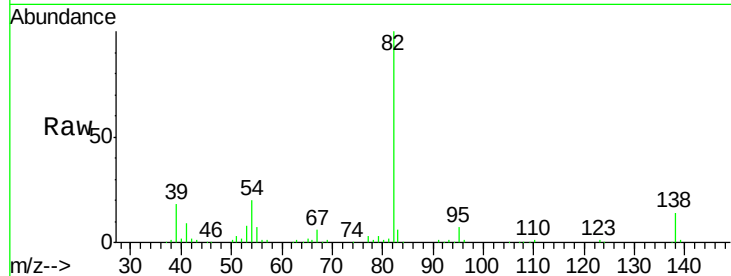
Tot Ion: 82 Resp: 347144

Ion Ratio Lower Upper

82 100

95 7.4 4.0 6.0#

138 13.9 18.3 27.5#



#26

2-Nitrophenol

Concen: 36.50 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

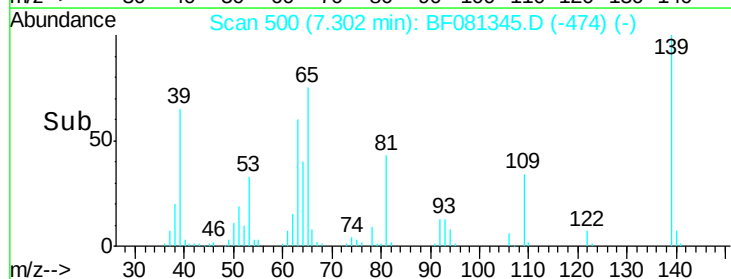
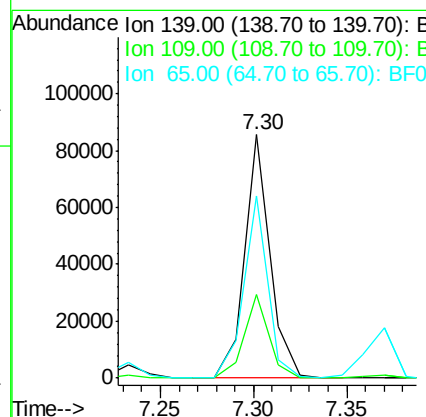
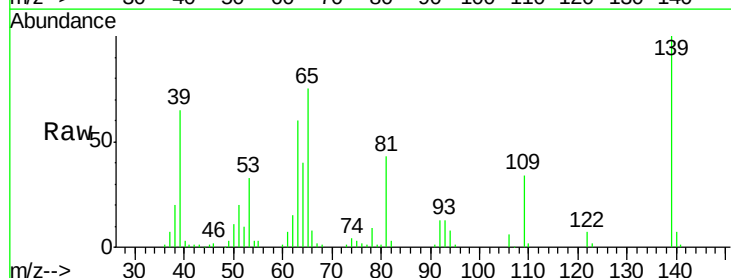
Tgt Ion: 139 Resp: 80915

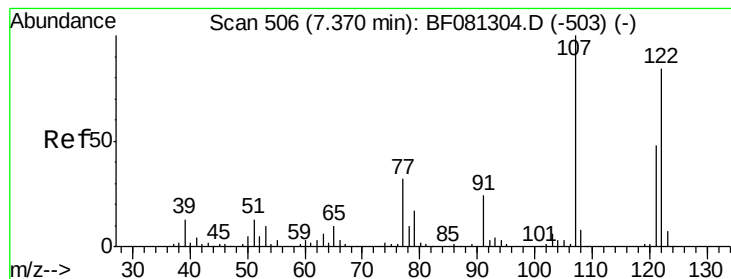
Ion Ratio Lower Upper

139 100

109 34.5 11.0 16.4#

65 74.9 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 42.06 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB85326BS

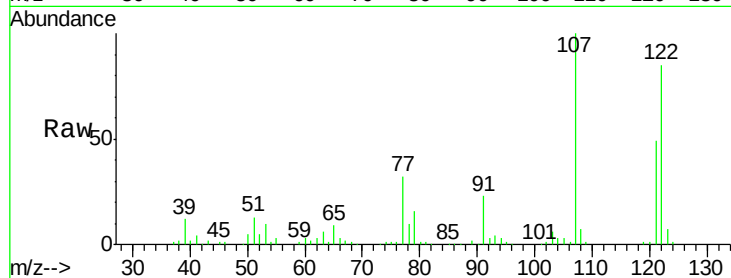
Tot Ion:122 Resp: 161049

Ion Ratio Lower Upper

122 100

107 117.0 71.8 107.6#

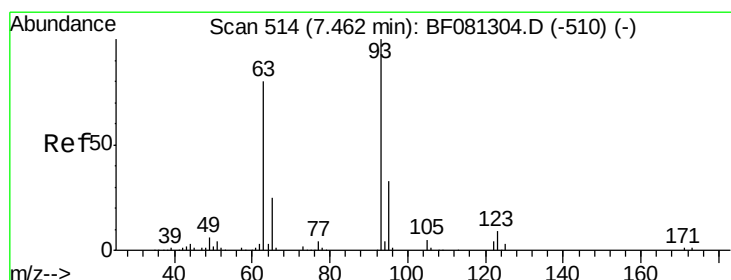
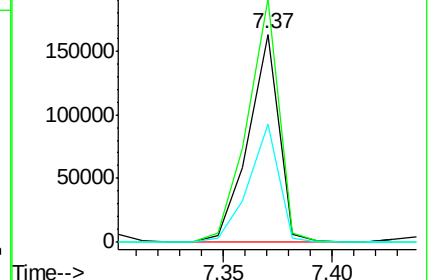
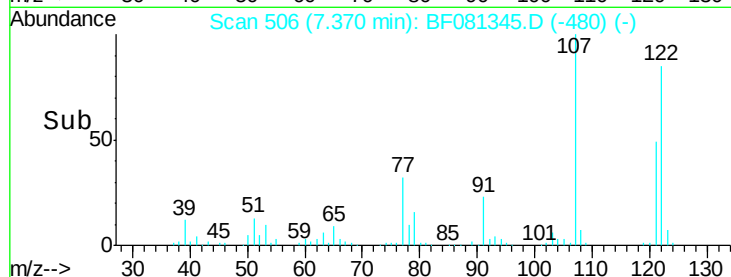
121 57.0 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.84 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

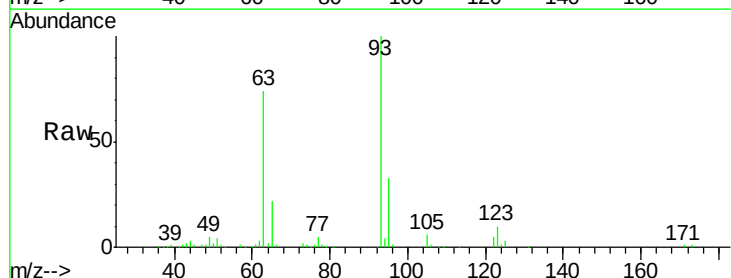
Tgt Ion: 93 Resp: 220174

Ion Ratio Lower Upper

93 100

95 32.7 27.5 41.3

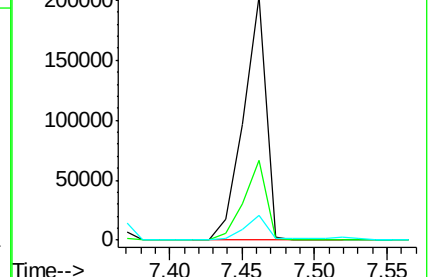
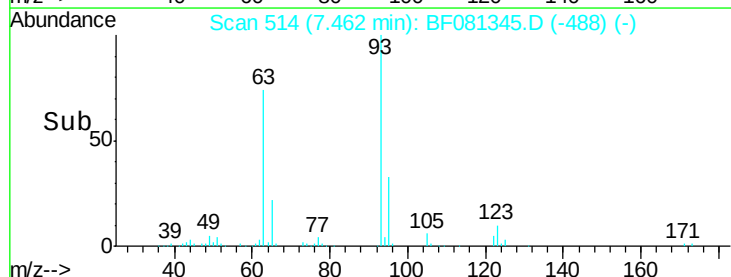
123 10.4 13.7 20.5#

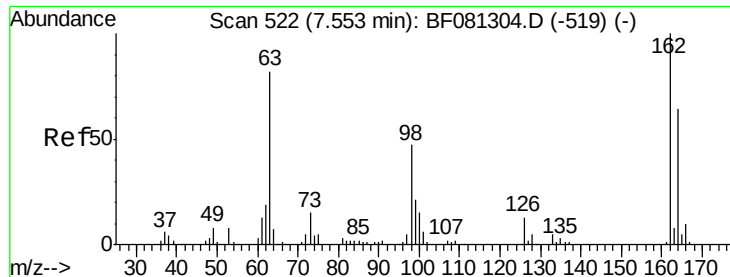


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

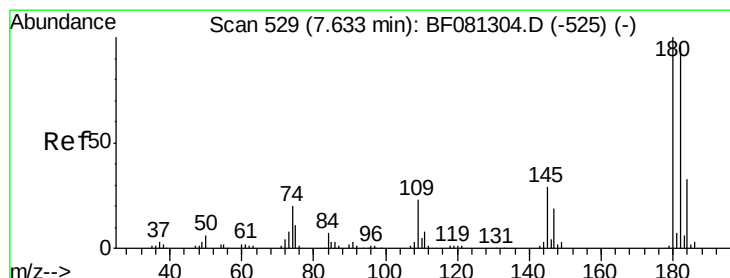
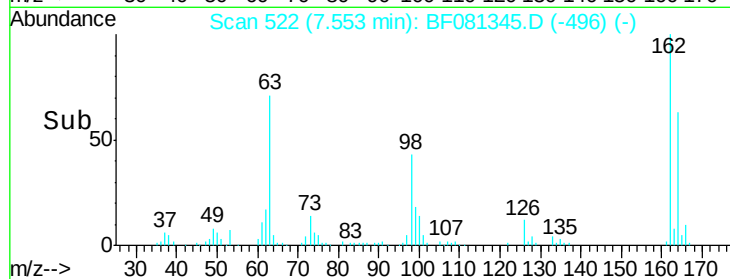
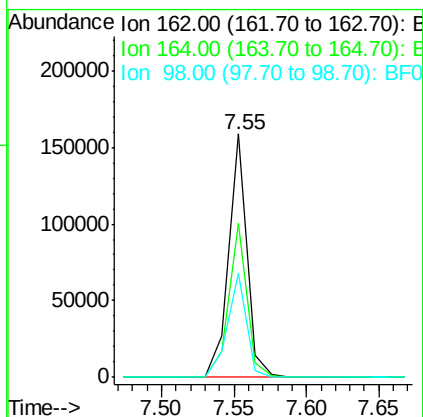
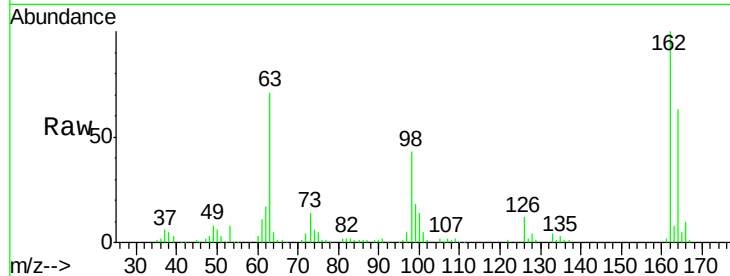




#29
 2,4-Dichlorophenol
 Concen: 41.99 ng
 RT: 7.55 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

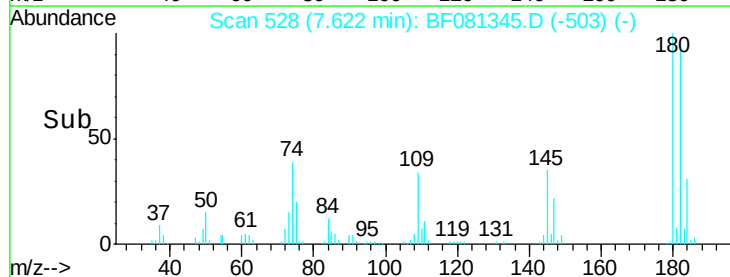
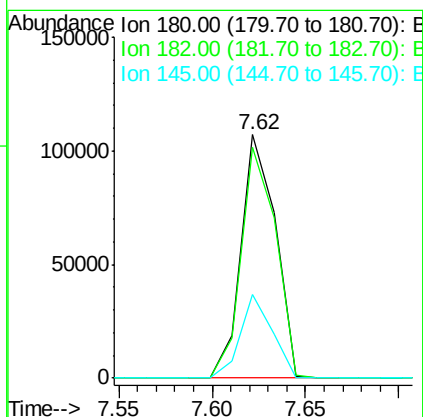
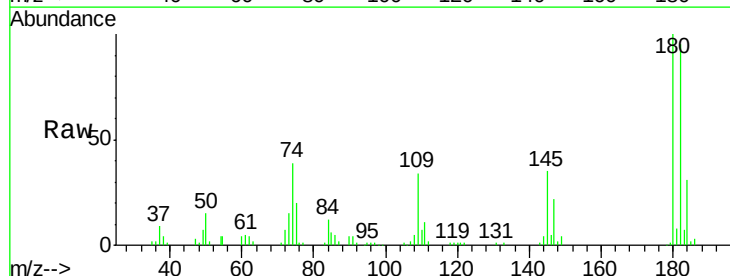
Instrument :
 BNA_F
 ClientSampleId :
 PB85326BS

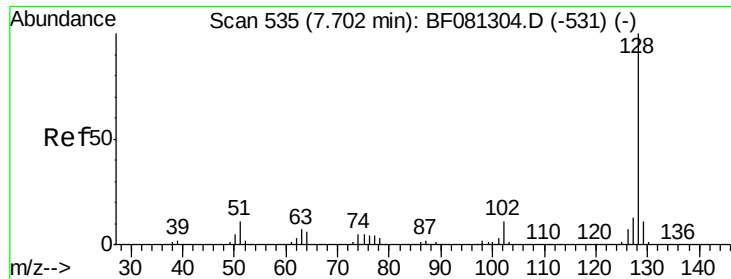
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.9	84.9
98	43.0	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 37.90 ng
 RT: 7.62 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.1	115.7
145	34.6	23.3	34.9

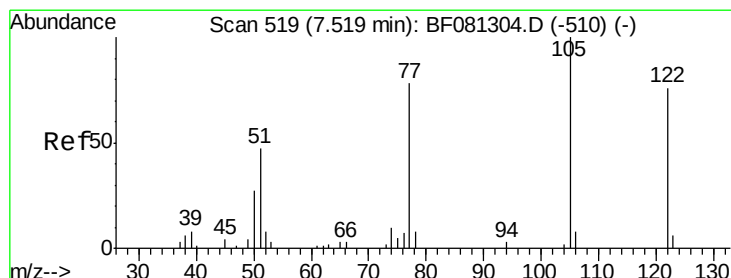
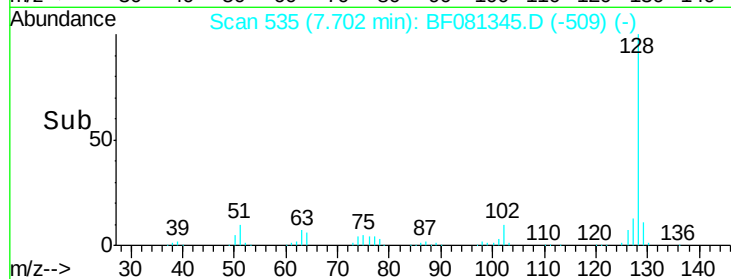
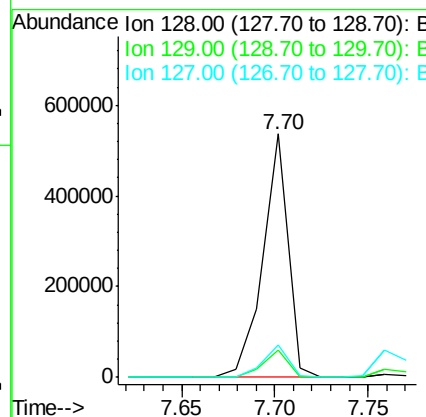
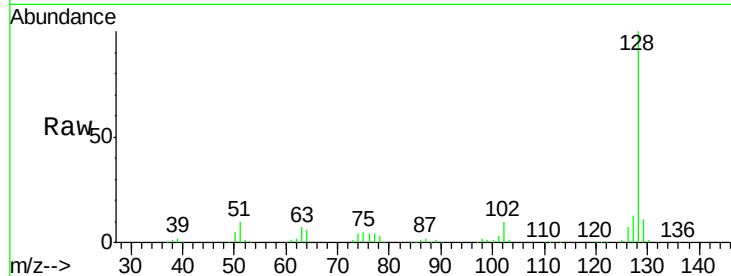




#31
Naphthalene
Concen: 39.53 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF081345.D
Acq: 2 Sep 2015 13:23

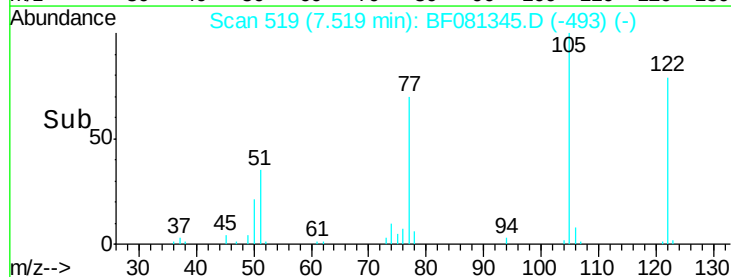
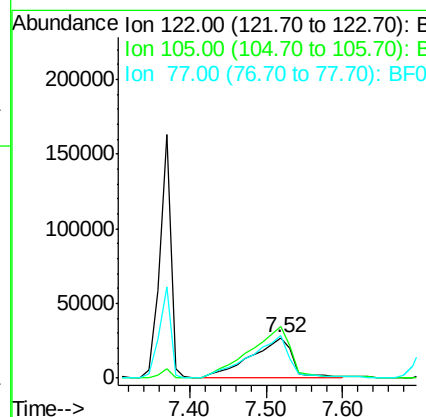
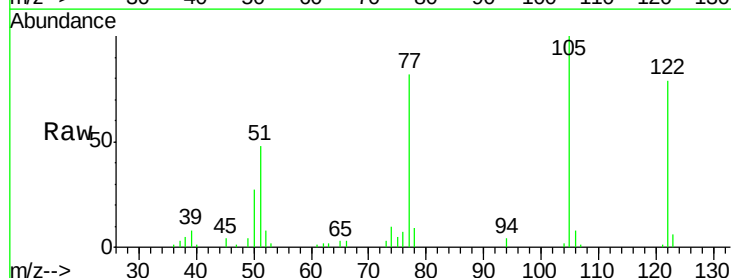
Instrument :
BNA_F
ClientSampleId :
PB85326BS

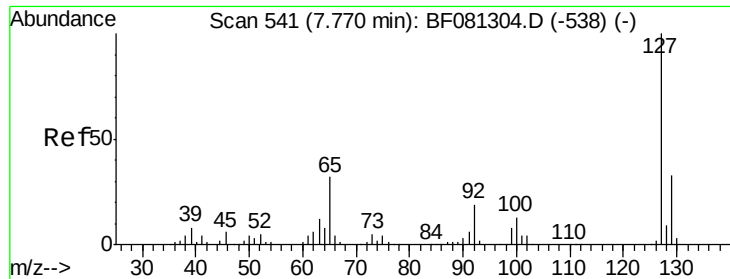
Tot Ion:128 Resp: 498259
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.3 9.9 14.9



#32
Benzoic acid
Concen: 36.31 ng
RT: 7.52 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF081345.D
Acq: 2 Sep 2015 13:23

Tgt Ion:122 Resp: 97465
Ion Ratio Lower Upper
122 100
105 126.5 76.1 116.1#
77 103.9 40.5 80.5#

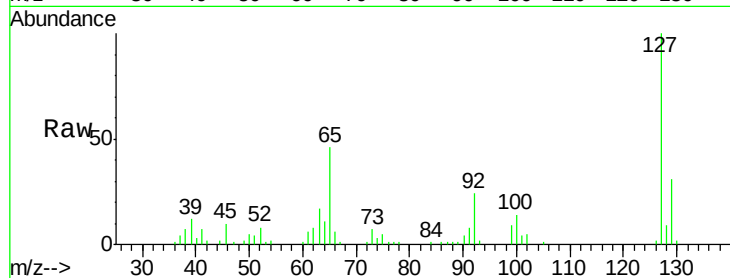




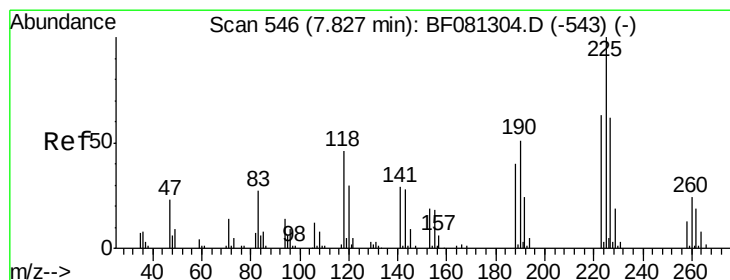
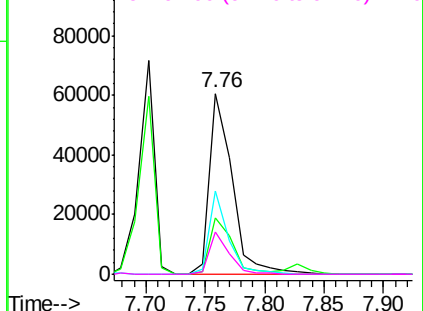
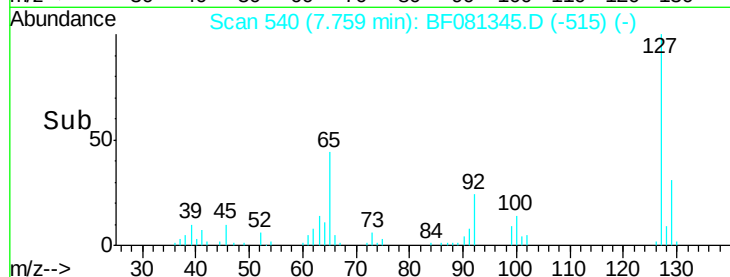
#33
 4-Chloroaniline
 Concen: 15.72 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB85326BS

Tot Ion:	127	Resp:	80800
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.8	38.6
65	46.2	17.9	26.9#
92	23.7	10.5	15.7#

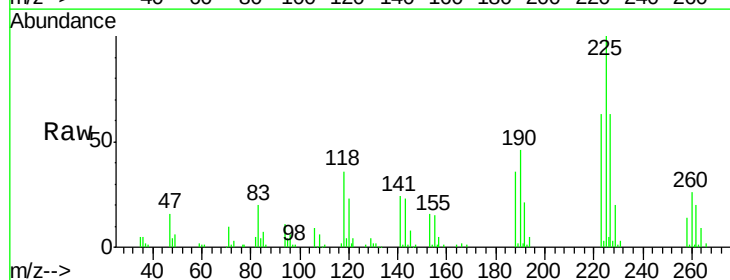


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

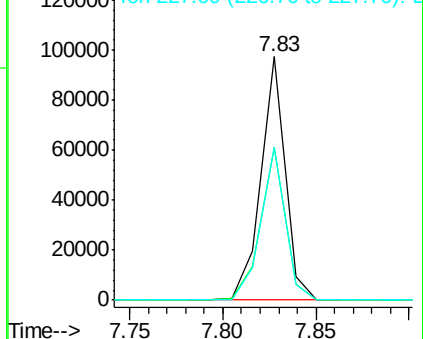
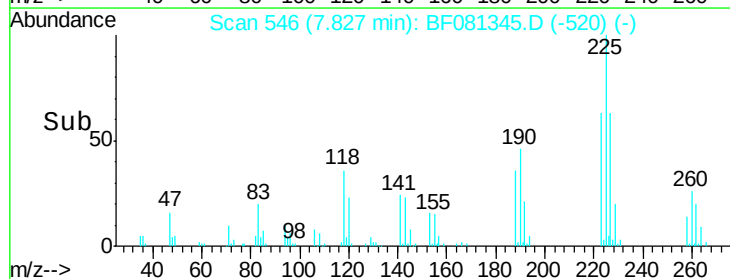


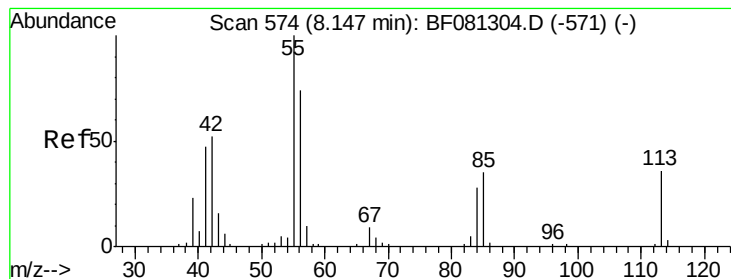
#34
 Hexachlorobutadiene
 Concen: 39.70 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

Tgt Ion:	225	Resp:	87142
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.2
227	62.6	52.2	78.2



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: 29.46 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB85326BS

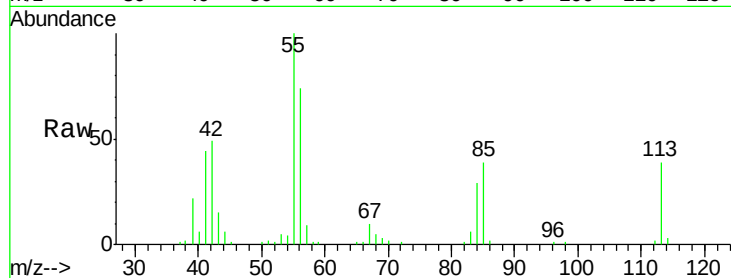
Tot Ion:113 Resp: 30002

Ion Ratio Lower Upper

113 100

55 254.7 152.4 192.4#

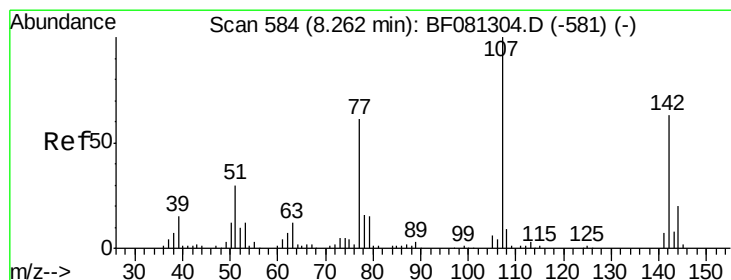
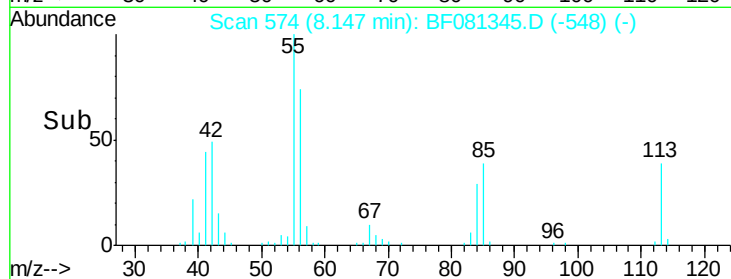
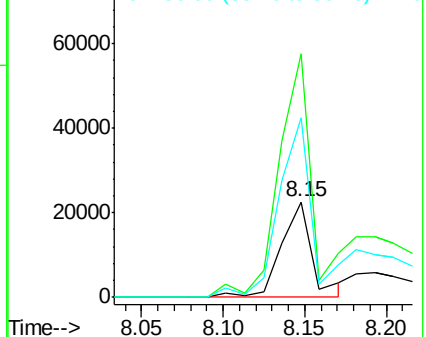
56 187.4 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.61 ng

RT: 8.27 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

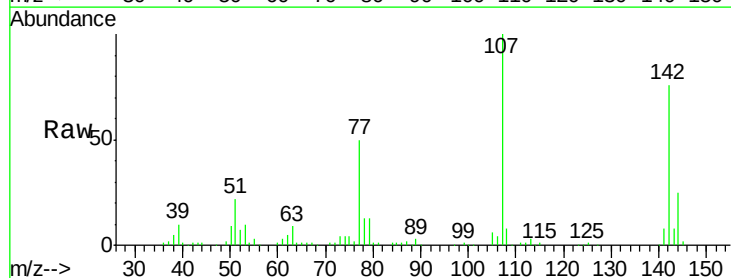
Tgt Ion:107 Resp: 169504

Ion Ratio Lower Upper

107 100

144 24.7 25.4 38.0#

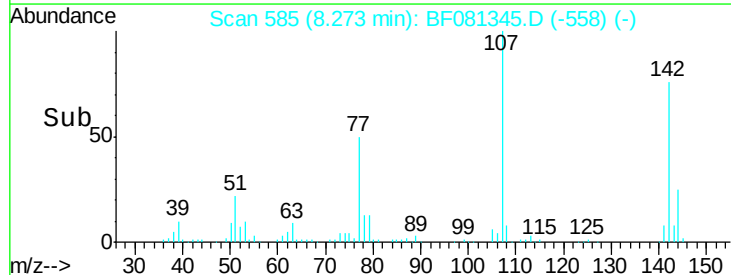
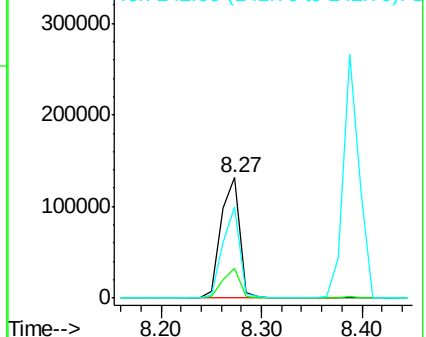
142 76.4 77.3 115.9#

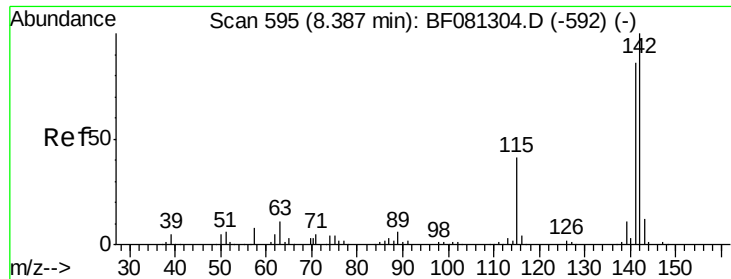


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

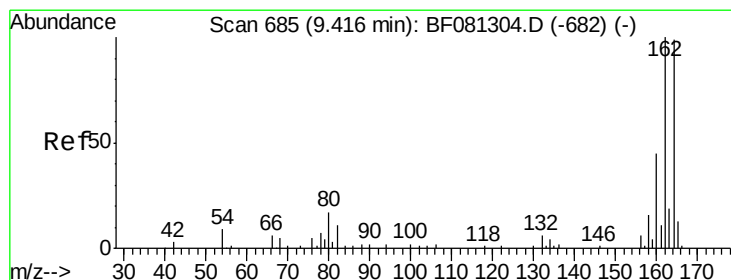
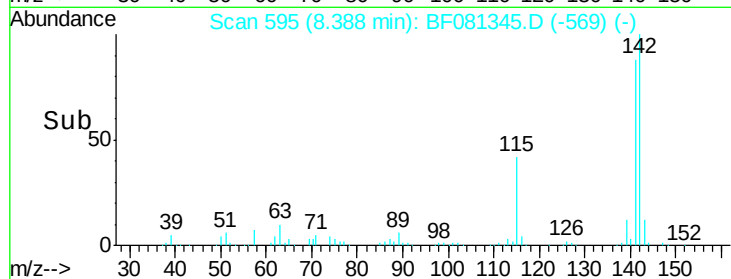
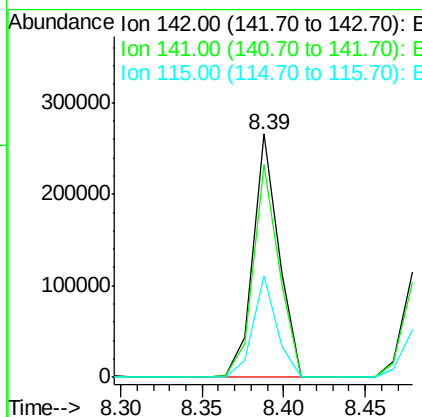
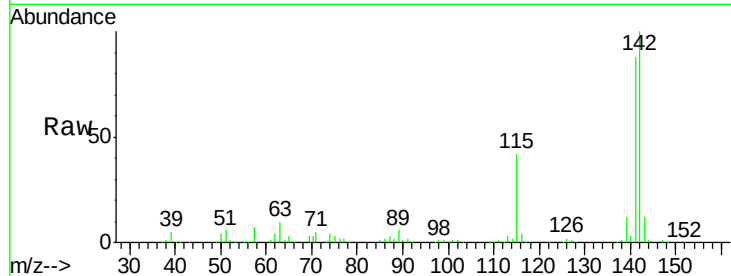




#37
2-Methylnaphthalene
Concen: 35.63 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF081345.D
Acq: 2 Sep 2015 13:23

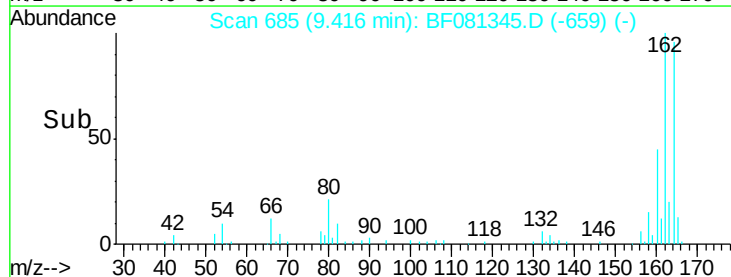
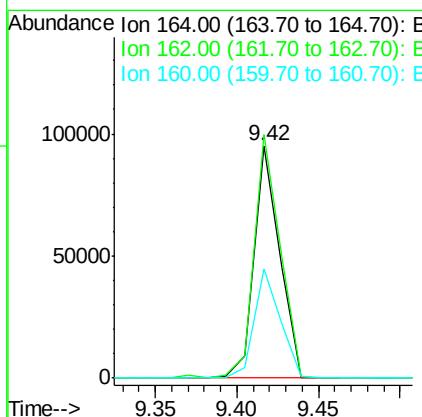
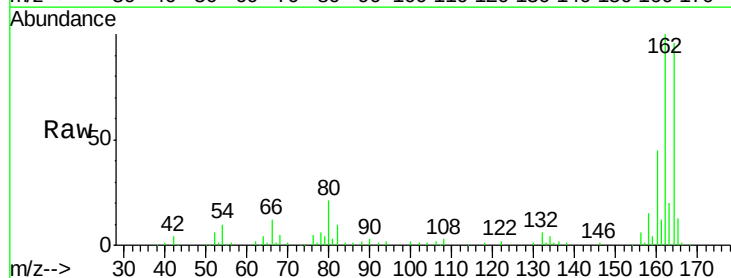
Instrument :
BNA_F
ClientSampleId :
PB85326BS

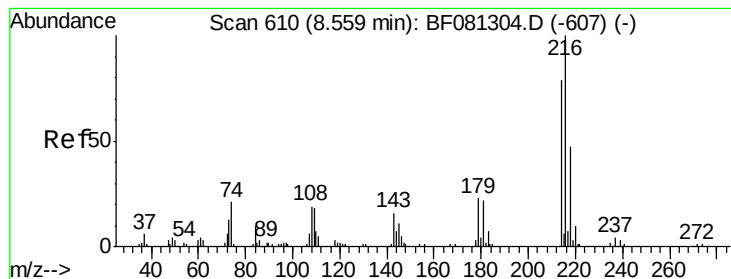
Tot Ion:142 Resp: 292240
Ion Ratio Lower Upper
142 100
141 87.5 67.5 101.3
115 41.5 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF081345.D
Acq: 2 Sep 2015 13:23

Tgt Ion:164 Resp: 103281
Ion Ratio Lower Upper
164 100
162 104.6 75.2 112.8
160 46.8 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.58 ng

RT: 8.56 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB85326BS

Tot Ion:216 Resp: 142335

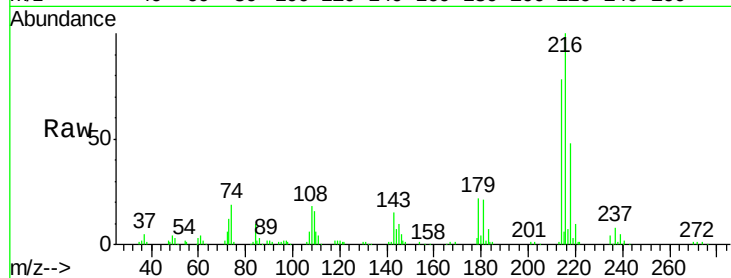
Ion Ratio Lower Upper

216 100

214 78.0 63.5 95.3

179 22.7 16.6 24.8

108 23.3 16.3 24.5

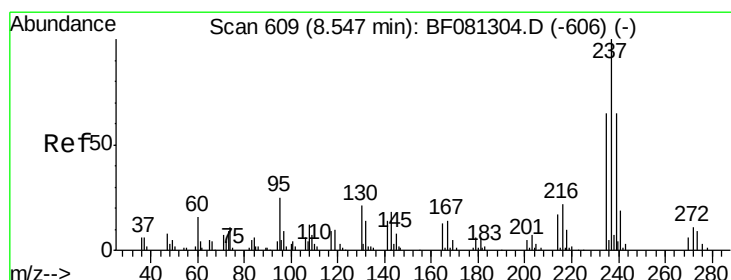
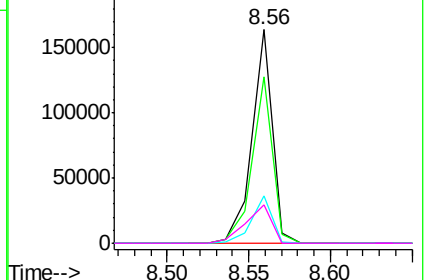
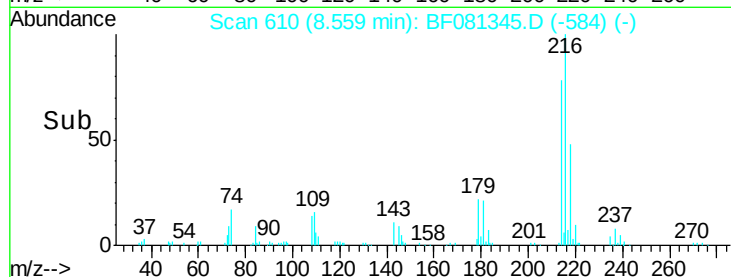


Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.15 ng

RT: 8.55 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

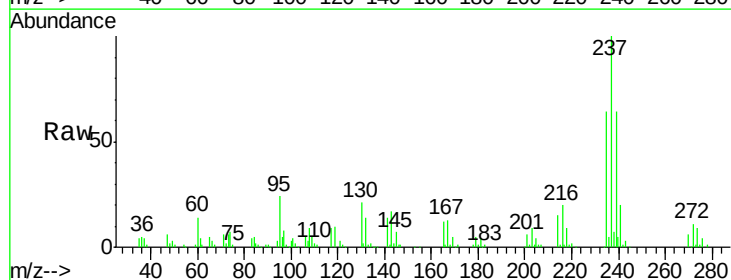
Tgt Ion:237 Resp: 147719

Ion Ratio Lower Upper

237 100

235 63.8 42.0 82.0

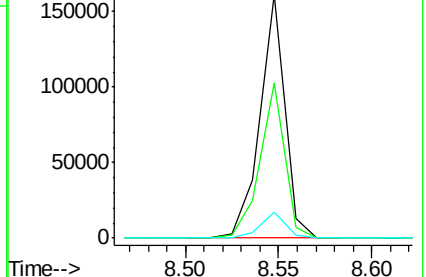
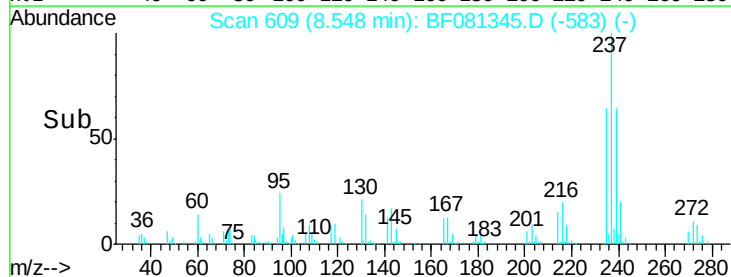
272 10.8 0.0 36.1

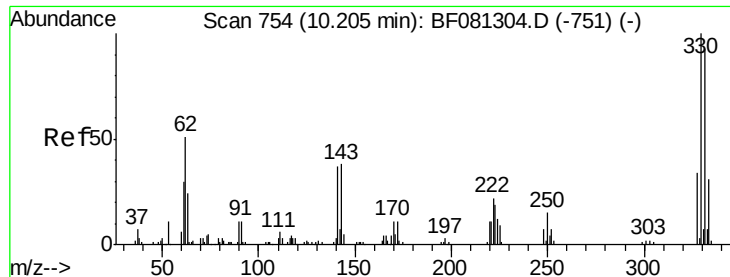


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

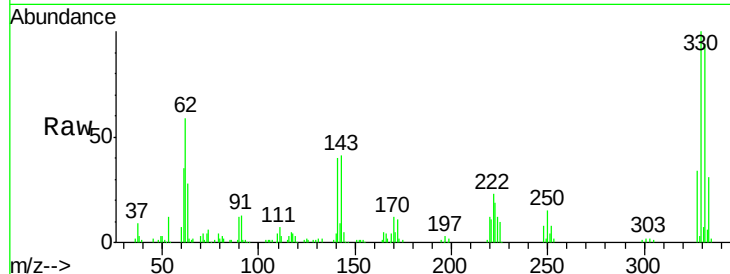




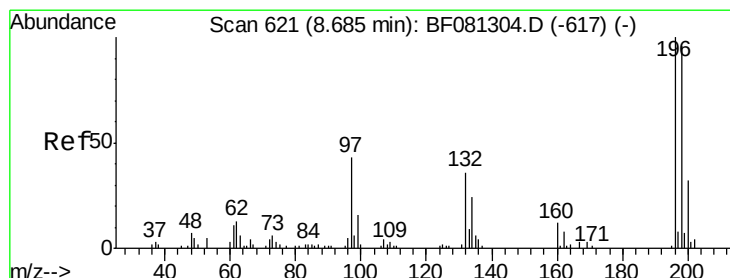
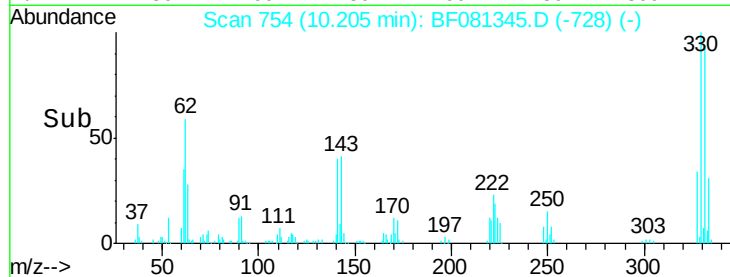
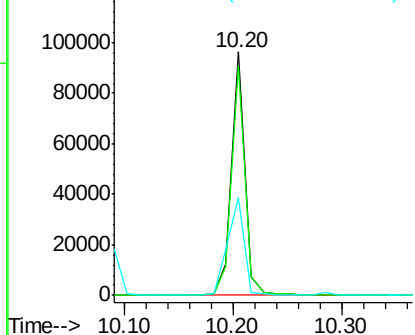
#41
 2,4,6-Tribromophenol
 Concen: 89.33 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB85326BS

Tot Ion:330 Resp: 82145
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 114.8
 141 49.6 29.7 44.5#

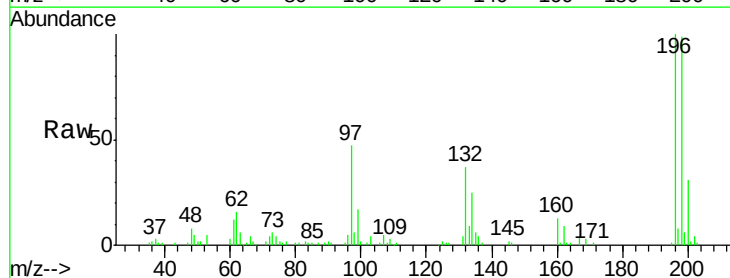


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

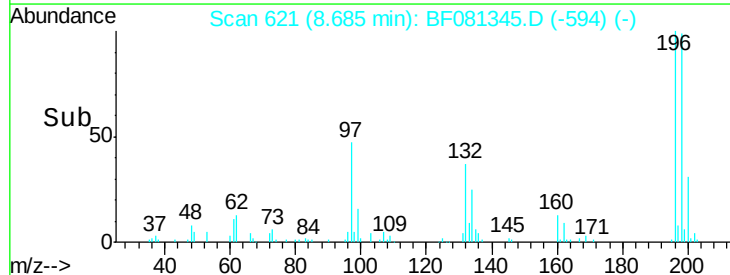
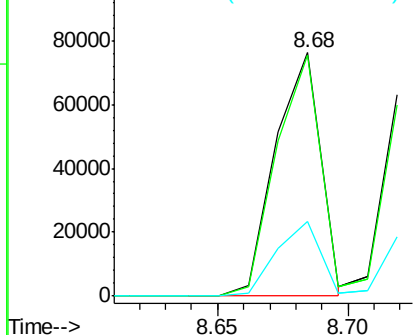


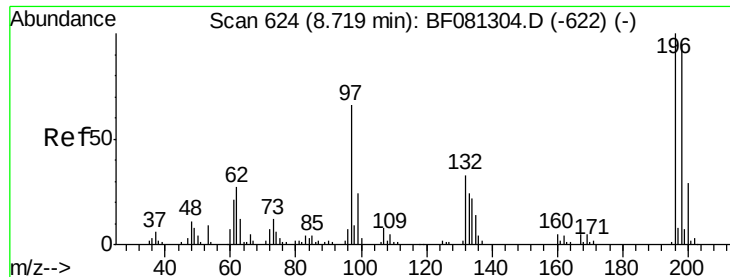
#42
 2,4,6-Trichlorophenol
 Concen: 40.78 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

Tgt Ion:196 Resp: 91935
 Ion Ratio Lower Upper
 196 100
 198 99.1 75.7 113.5
 200 30.8 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

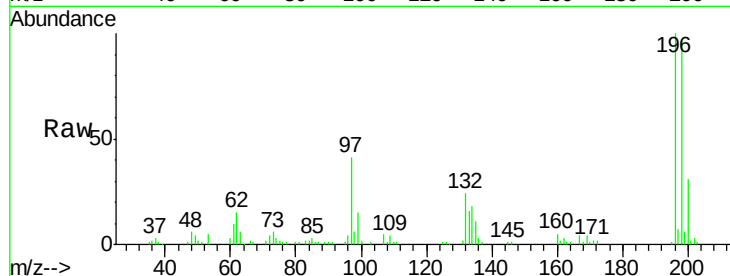




#43
 2,4,5-Trichlorophenol
 Concen: 42.59 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB85326BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.4	113.0
97	40.5	33.3	49.9
132	24.2	24.6	37.0



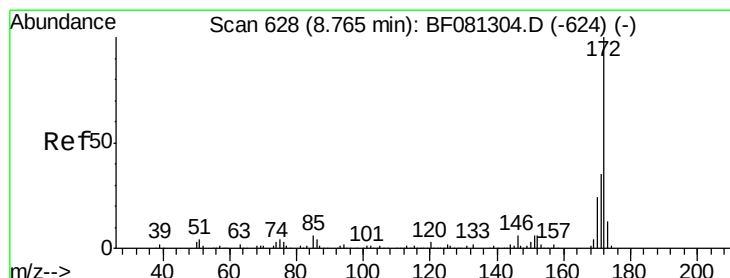
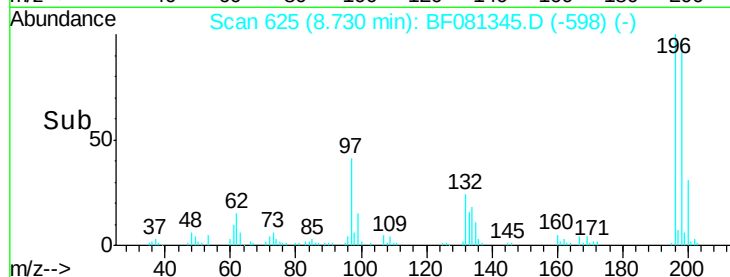
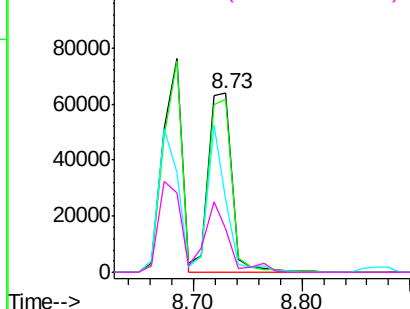
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

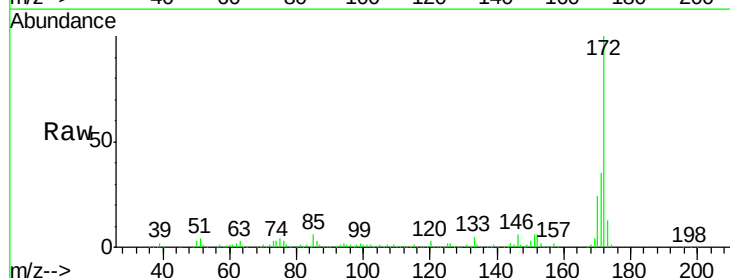
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.70 ng
 RT: 8.76 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.1	39.1
170	24.2	17.4	26.2

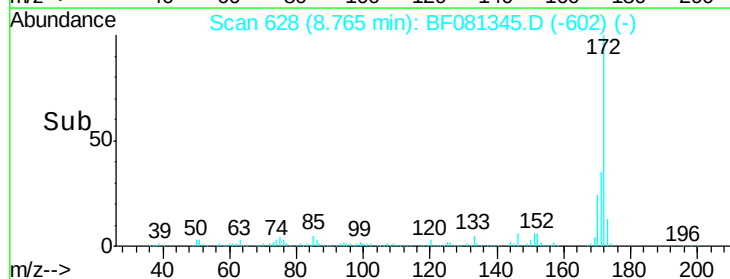
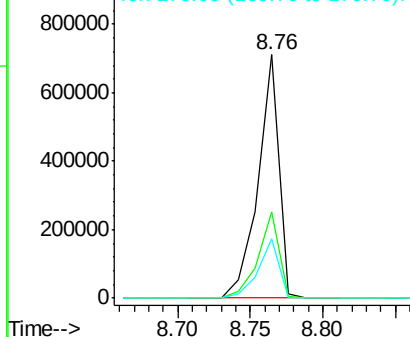


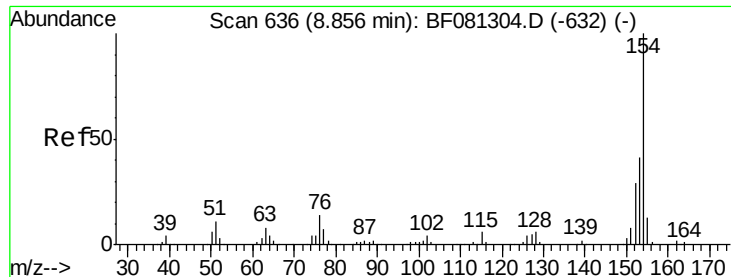
Abundance

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: 37.44 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB85326BS

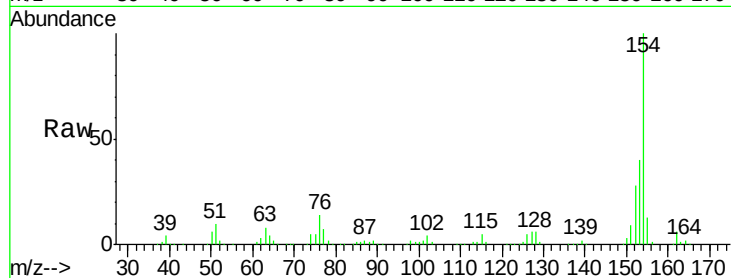
Tot Ion:154 Resp: 355735

Ion Ratio Lower Upper

154 100

153 39.7 17.1 57.1

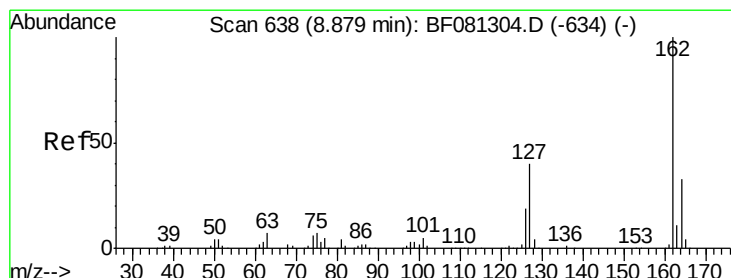
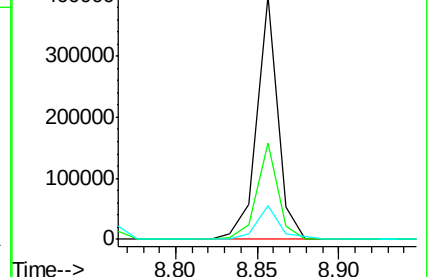
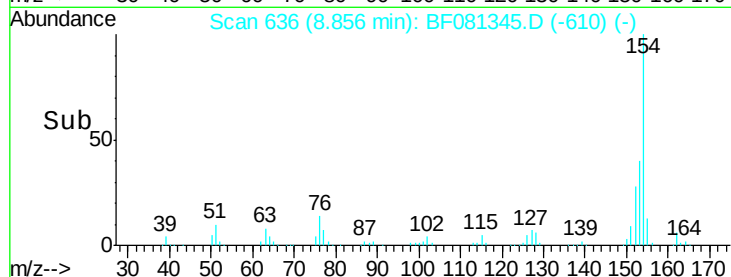
76 13.7 0.0 31.6



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): E



#46

2-Chloronaphthalene

Concen: 41.76 ng

RT: 8.88 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

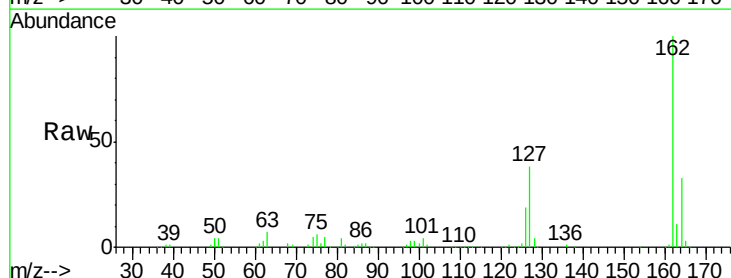
Tgt Ion:162 Resp: 286525

Ion Ratio Lower Upper

162 100

127 38.2 27.6 41.4

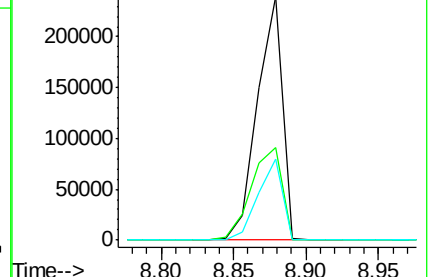
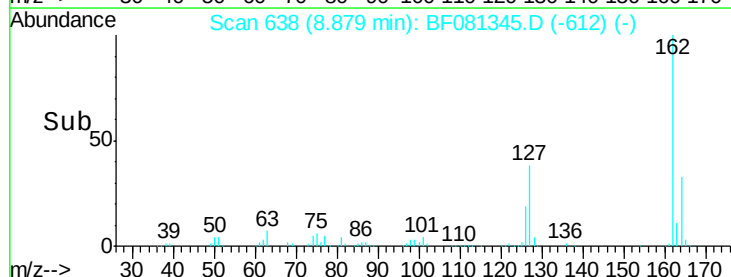
164 33.4 25.4 38.2

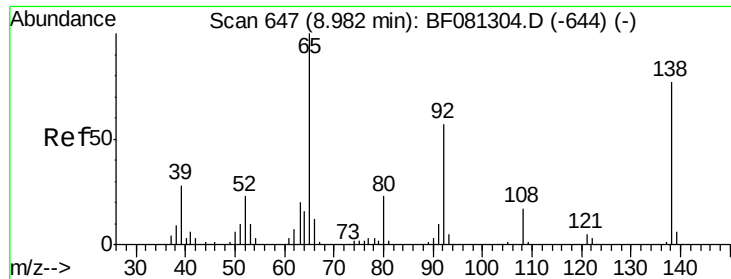


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

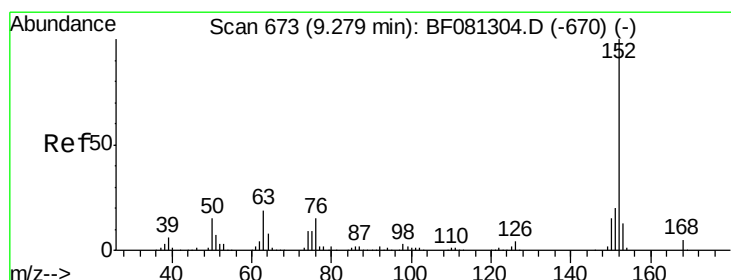
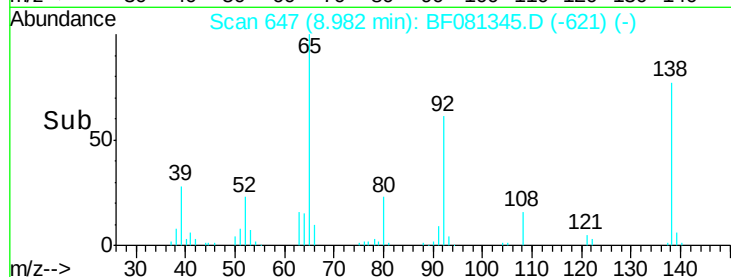
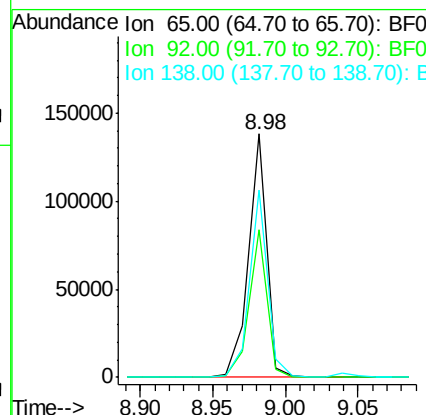
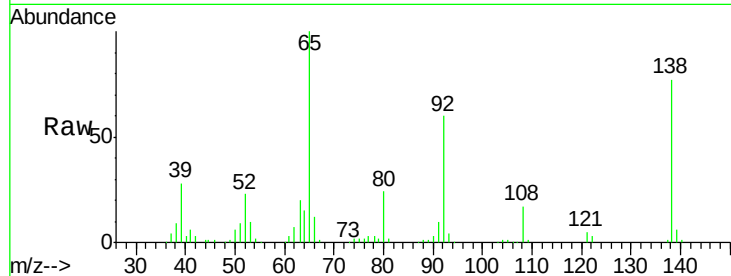




#47
2-Nitroaniline
Concen: 43.13 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF081345.D
Acq: 2 Sep 2015 13:23

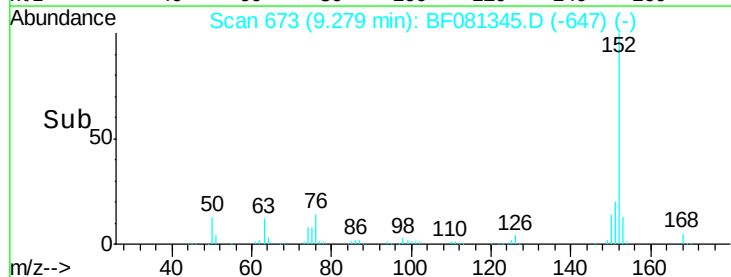
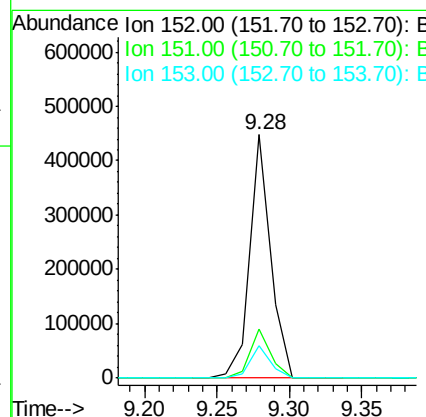
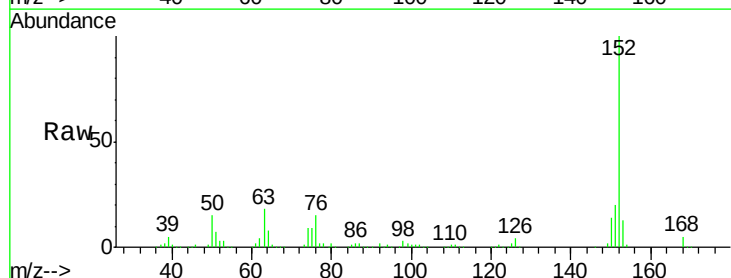
Instrument :
BNA_F
ClientSampleId :
PB85326BS

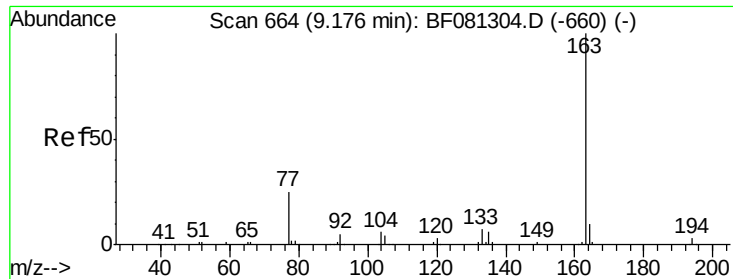
Tot Ion: 65 Resp: 120620
Ion Ratio Lower Upper
65 100
92 60.4 55.4 83.0
138 76.9 115.5 173.3#



#48
Acenaphthylene
Concen: 36.91 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF081345.D
Acq: 2 Sep 2015 13:23

Tgt Ion: 152 Resp: 449380
Ion Ratio Lower Upper
152 100
151 20.1 14.6 22.0
153 13.5 10.3 15.5

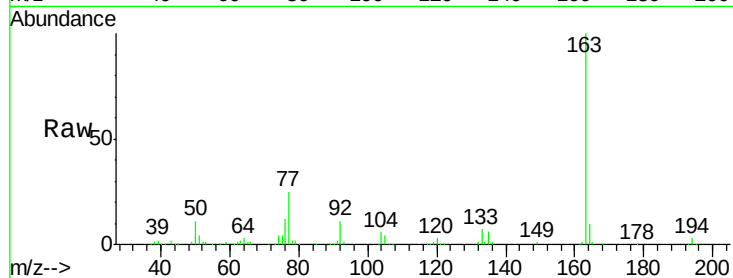




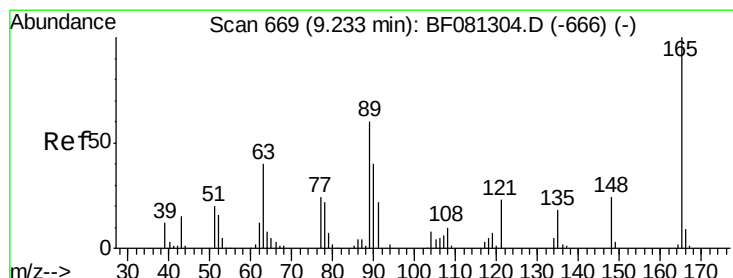
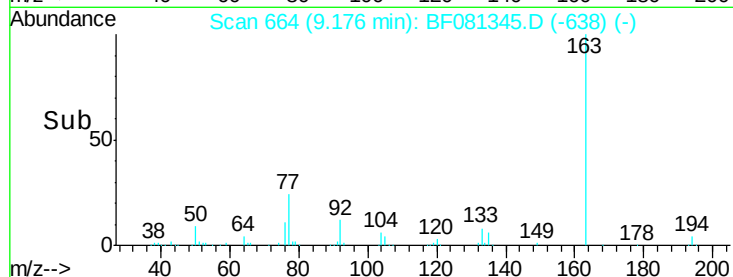
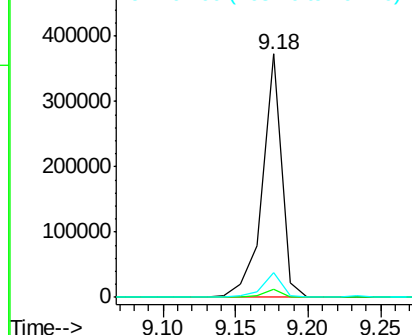
#49
Dimethylphthalate
Concen: 42.48 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF081345.D
Acq: 2 Sep 2015 13:23

Instrument :
BNA_F
ClientSampleId :
PB85326BS

Tot Ion:163 Resp: 340847
Ion Ratio Lower Upper
163 100
194 3.3 4.4 6.6#
164 10.1 8.3 12.5

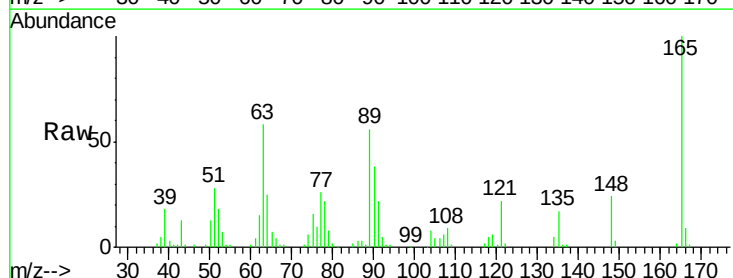


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

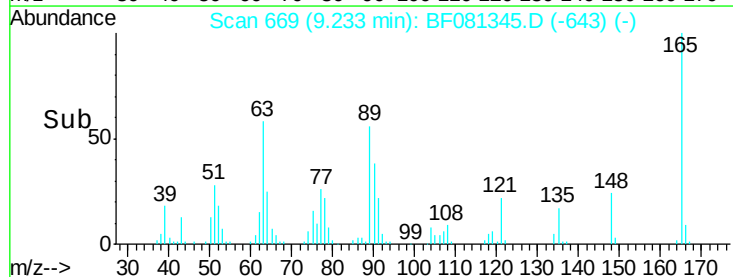
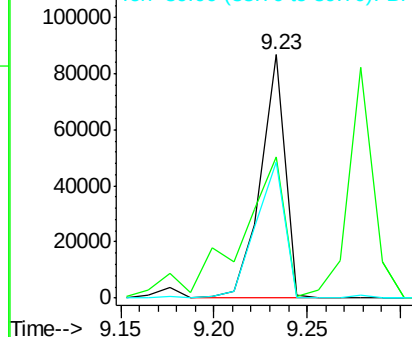


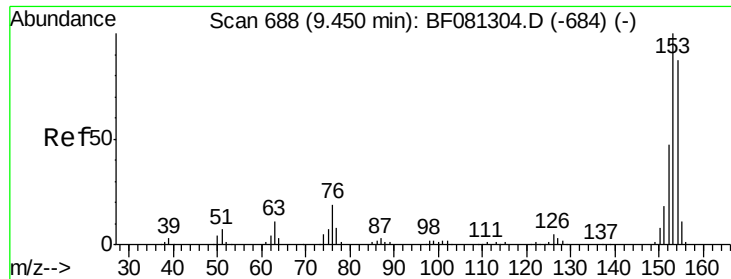
#50
2,6-Dinitrotoluene
Concen: 44.06 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF081345.D
Acq: 2 Sep 2015 13:23

Tgt Ion:165 Resp: 80252
Ion Ratio Lower Upper
165 100
63 58.0 32.3 48.5#
89 56.1 28.6 43.0#



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





#51

Acenaphthene

Concen: 36.83 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB85326BS

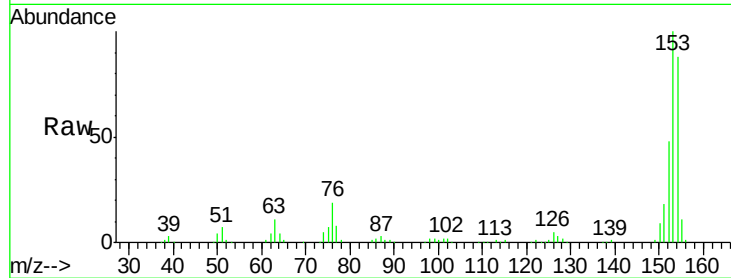
Tot Ion:154 Resp: 255093

Ion Ratio Lower Upper

154 100

153 114.0 82.1 123.1

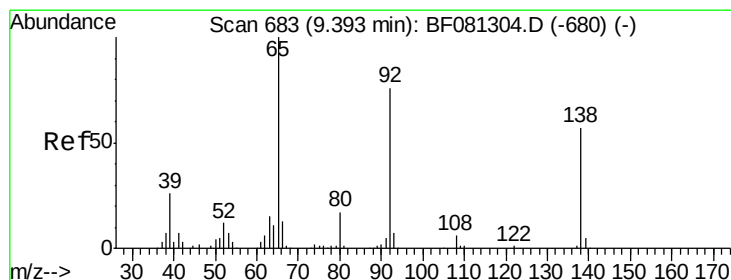
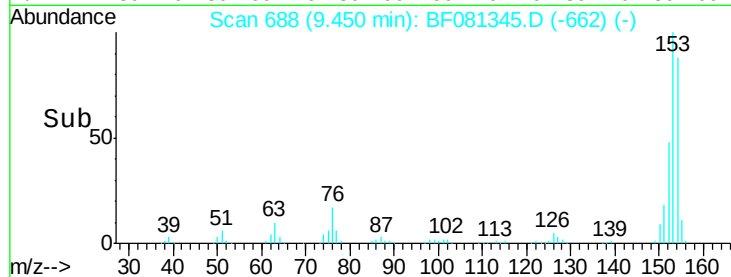
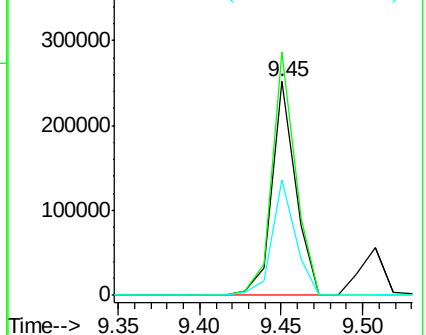
152 54.3 37.9 56.9



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: 28.25 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

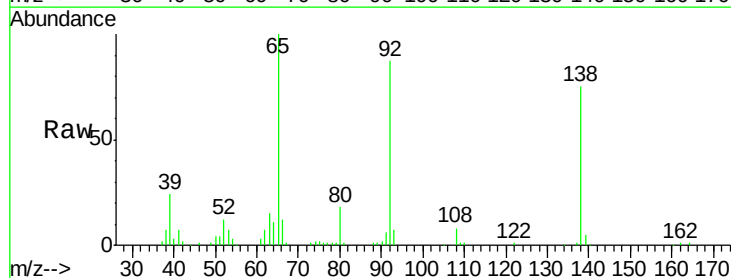
Tgt Ion:138 Resp: 58575

Ion Ratio Lower Upper

138 100

108 10.4 5.7 8.5#

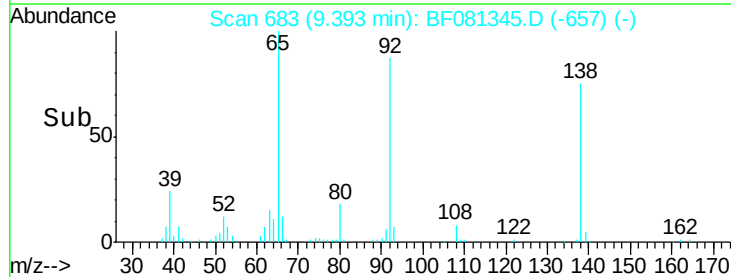
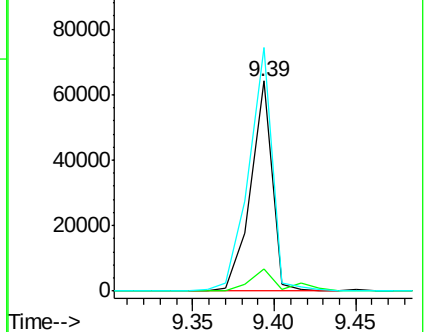
92 116.0 67.7 101.5#

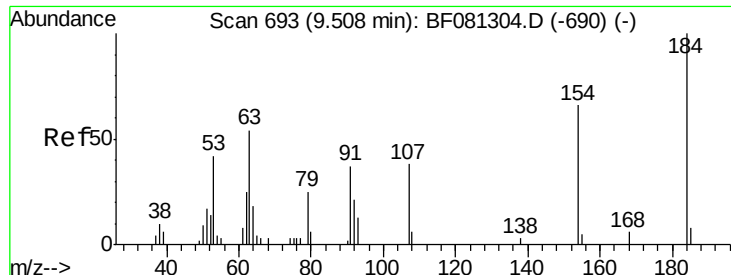


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

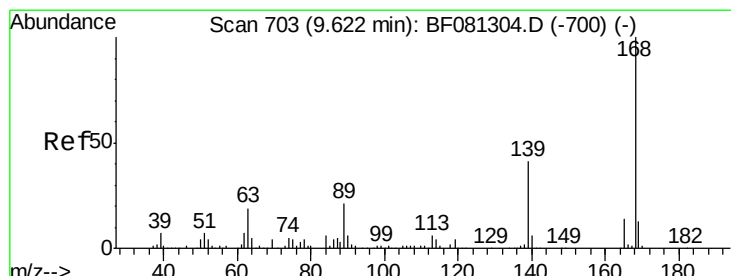
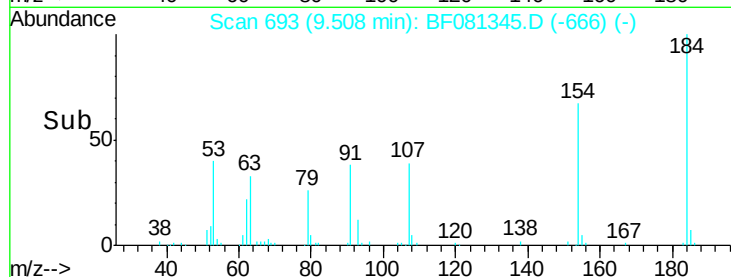
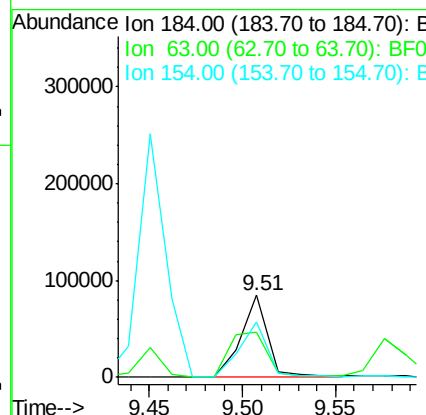
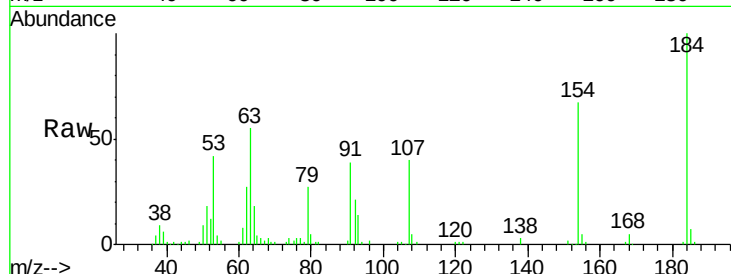




#53
 2,4-Dinitrophenol
 Concen: 112.63 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.01 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

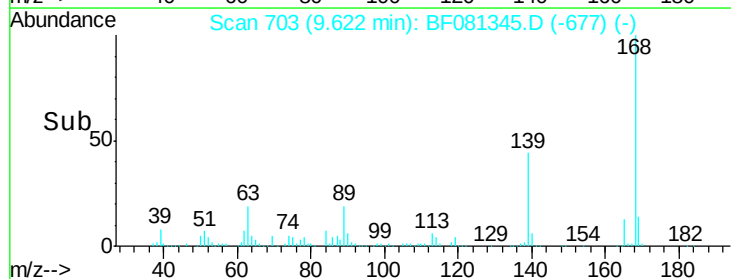
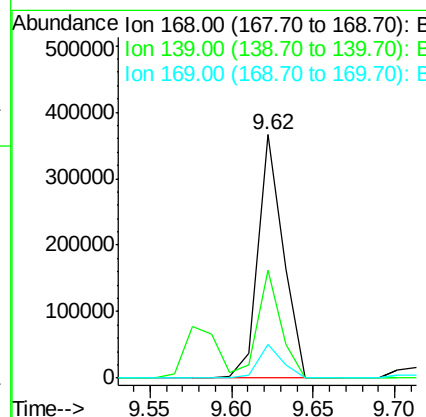
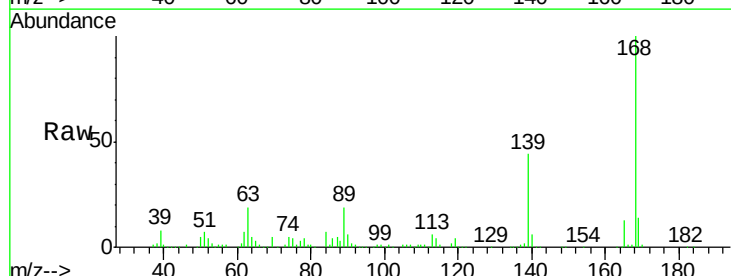
Instrument :
 BNA_F
 ClientSampleId :
 PB85326BS

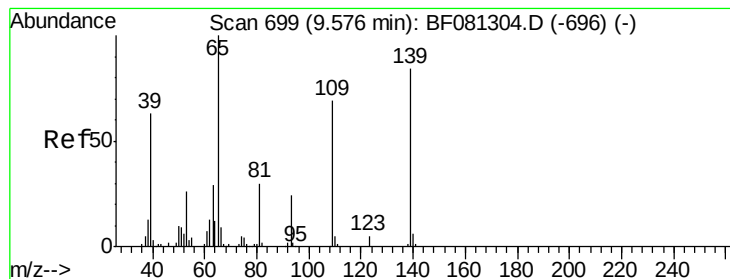
Tot Ion:184 Resp: 86402
 Ion Ratio Lower Upper
 184 100
 63 54.6 35.4 53.2#
 154 67.1 32.2 48.4#



#54
 Dibenzofuran
 Concen: 38.72 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

Tgt Ion:168 Resp: 391562
 Ion Ratio Lower Upper
 168 100
 139 44.4 24.2 36.2#
 169 13.9 10.6 15.8





#55

4-Nitrophenol

Concen: 83.41 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB85326BS

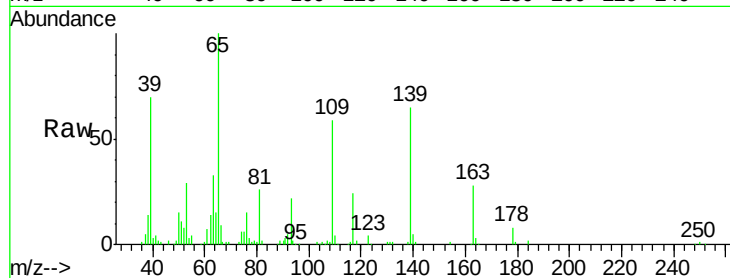
Tot Ion:139 Resp: 108653

Ion Ratio Lower Upper

139 100

109 90.9 12.7 52.7#

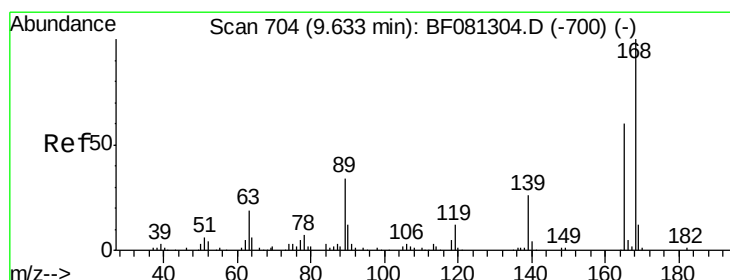
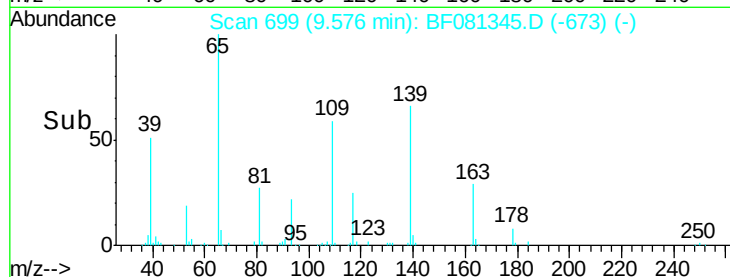
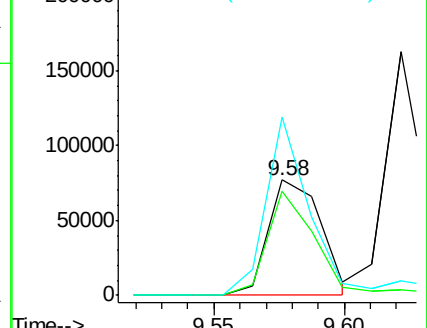
65 154.9 45.9 85.9#



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: 45.31 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Tgt Ion:165 Resp: 105082

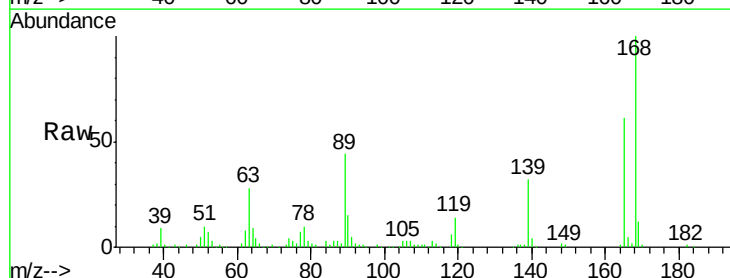
Ion Ratio Lower Upper

165 100

63 45.8 29.8 44.6#

89 70.8 44.5 66.7#

182 2.0 3.0 4.4#

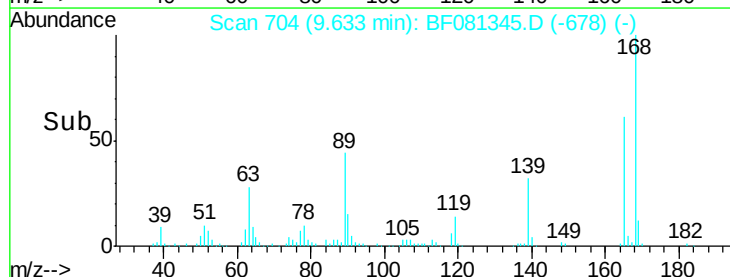
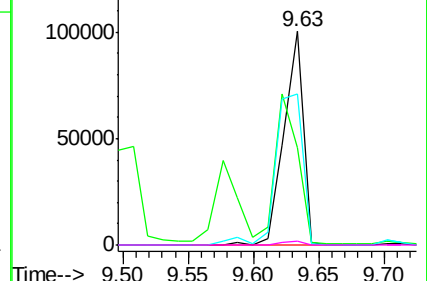


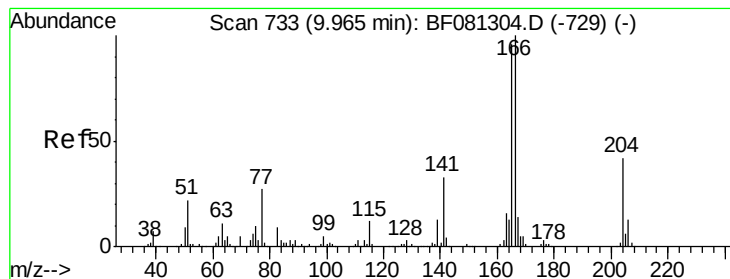
Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.22 ng

RT: 9.96 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB85326BS

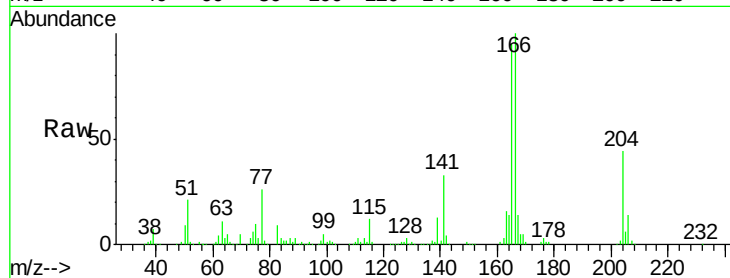
Tot Ion:166 Resp: 347024

Ion Ratio Lower Upper

166 100

165 95.1 72.6 109.0

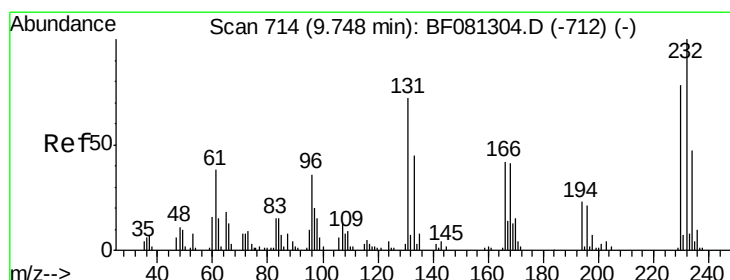
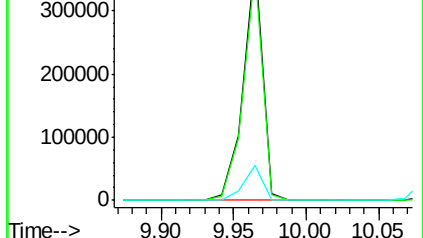
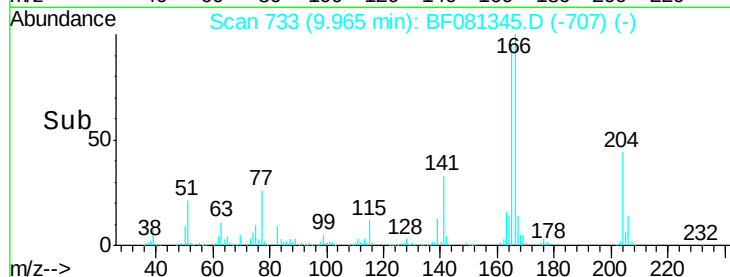
167 14.4 10.6 16.0



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: 44.11 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.03 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Tgt Ion:232 Resp: 77455

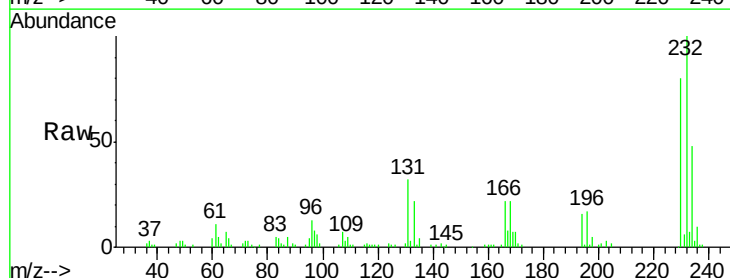
Ion Ratio Lower Upper

232 100

131 44.4 38.5 57.7

130 2.2 1.8 2.6

166 25.8 25.0 37.6

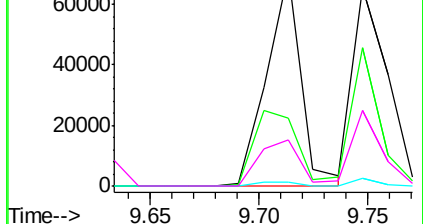
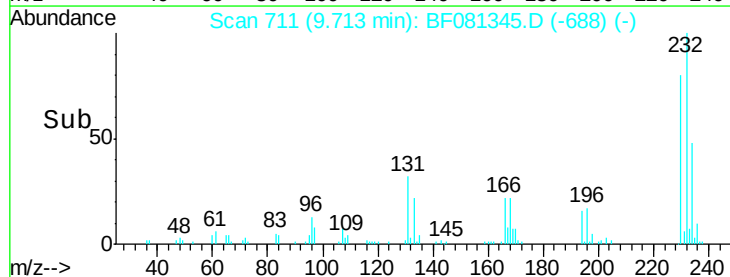


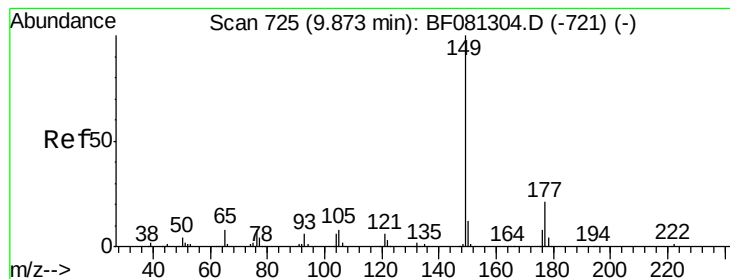
Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.10 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB85326BS

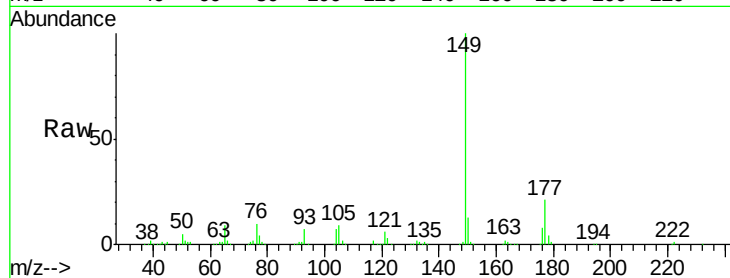
Tot Ion:149 Resp: 389140

Ion Ratio Lower Upper

149 100

177 20.5 17.5 26.3

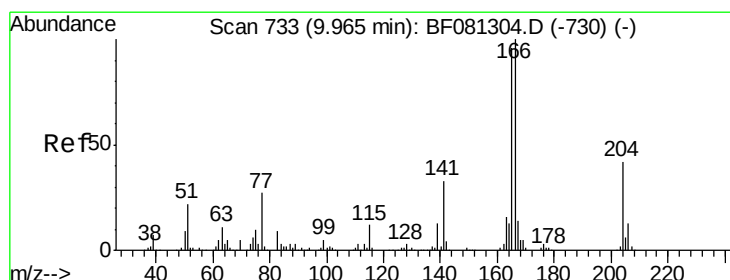
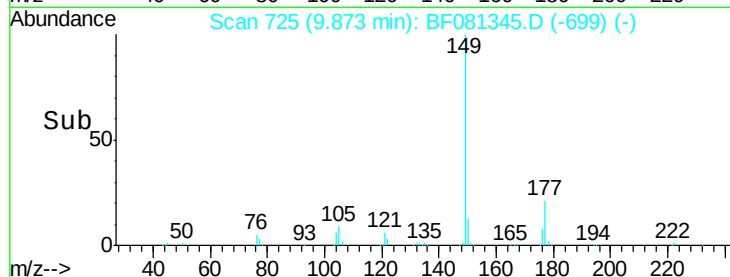
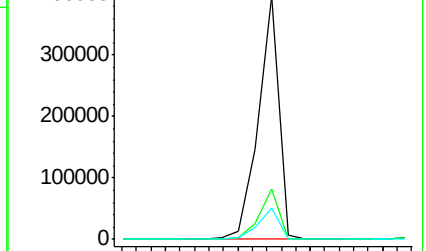
150 12.5 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.13 ng

RT: 9.96 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

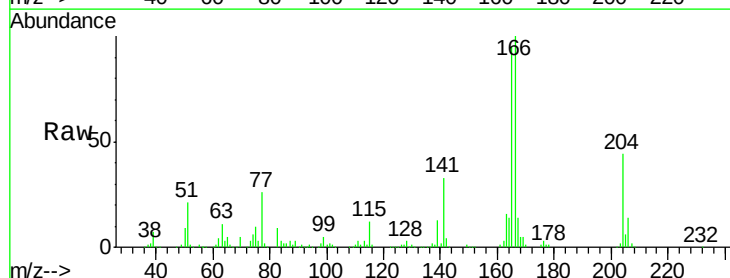
Tgt Ion:204 Resp: 147095

Ion Ratio Lower Upper

204 100

206 32.9 24.8 37.2

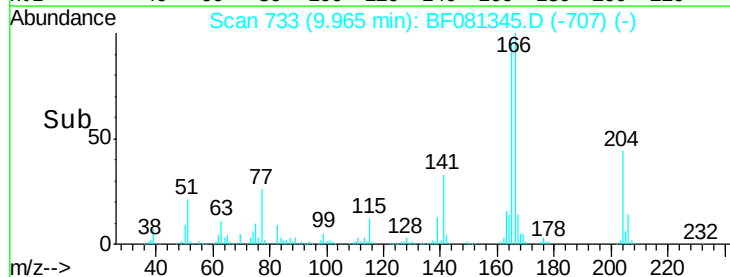
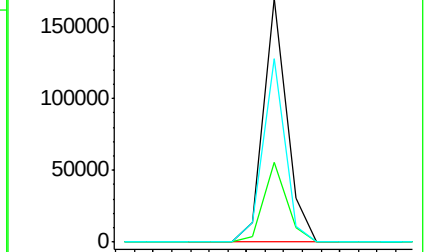
141 75.1 42.2 63.4#

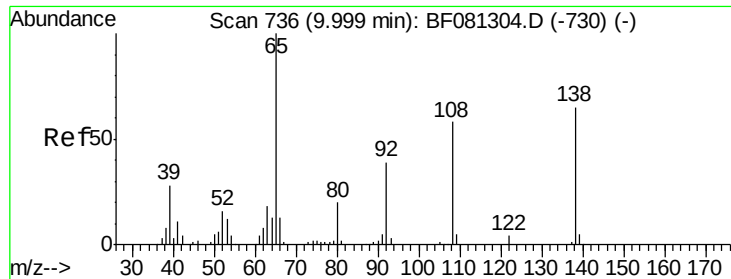


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.13 ng

RT: 10.00 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB85326BS

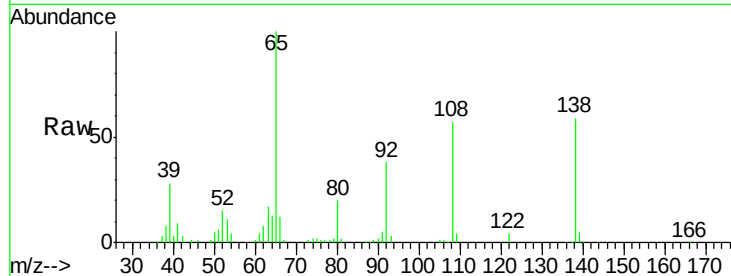
Tot Ion:138 Resp: 77779

Ion Ratio Lower Upper

138 100

92 64.3 12.6 52.6#

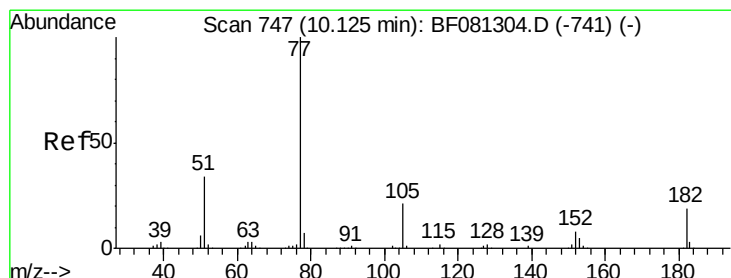
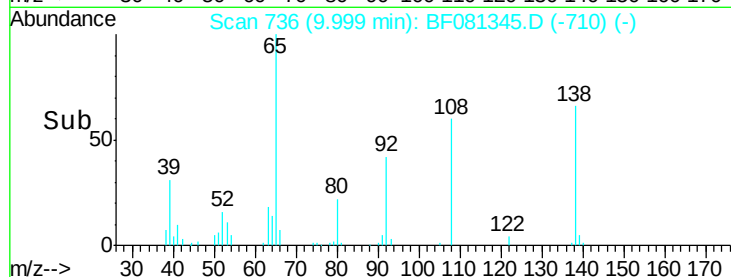
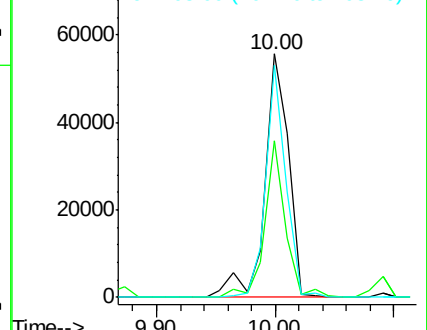
108 95.5 12.4 52.4#



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: 46.31 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Tgt Ion: 77 Resp: 434587

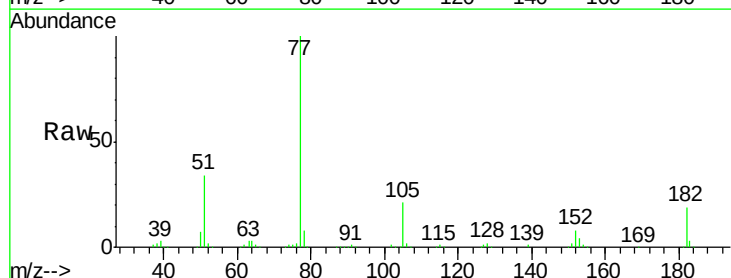
Ion Ratio Lower Upper

77 100

182 19.0 15.1 55.1

105 21.2 3.4 43.4

51 33.9 12.0 52.0

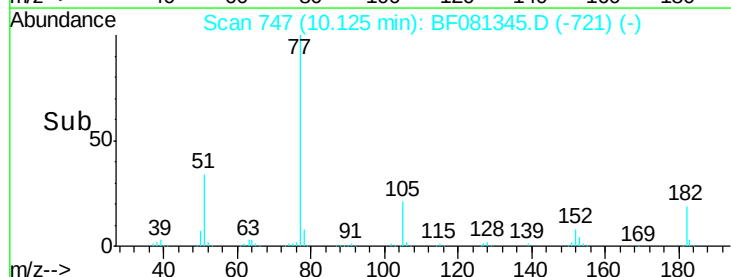
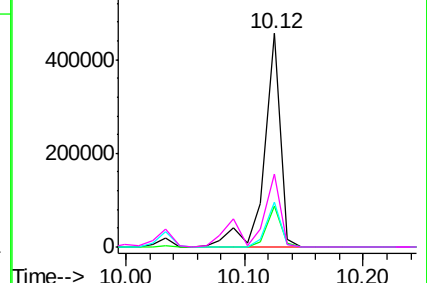


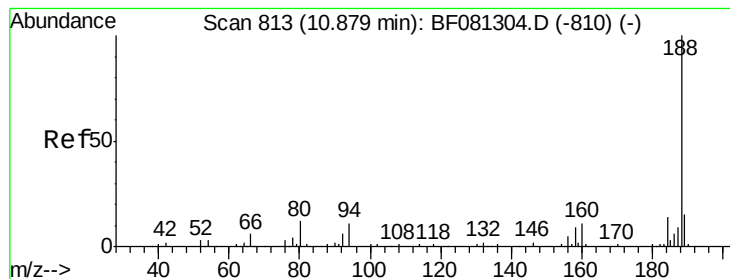
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 10.88 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB85326BS

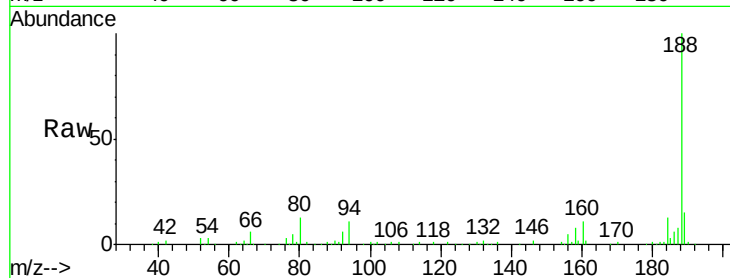
Tot Ion:188 Resp: 215084

Ion Ratio Lower Upper

188 100

94 11.1 11.1 16.7#

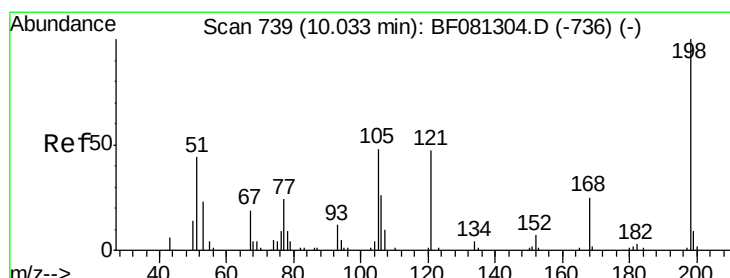
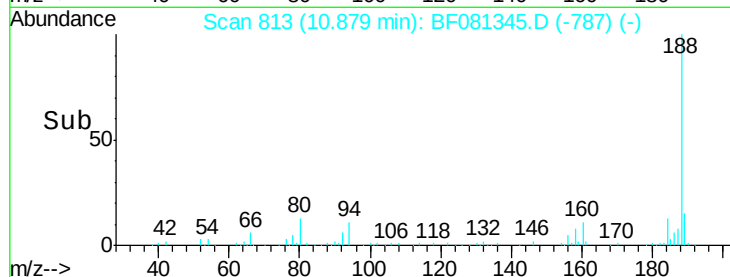
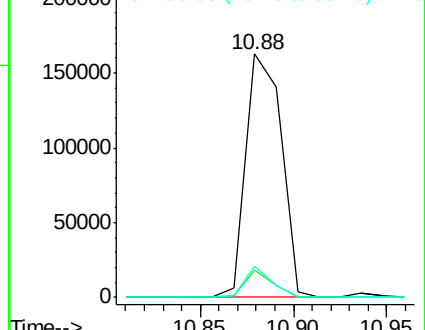
80 12.6 11.0 16.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.17 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

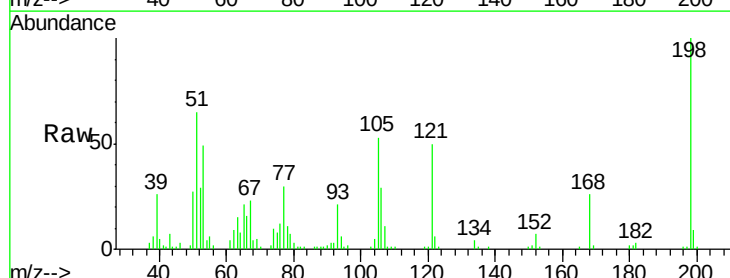
Tgt Ion:198 Resp: 51932

Ion Ratio Lower Upper

198 100

51 64.8 39.6 79.6

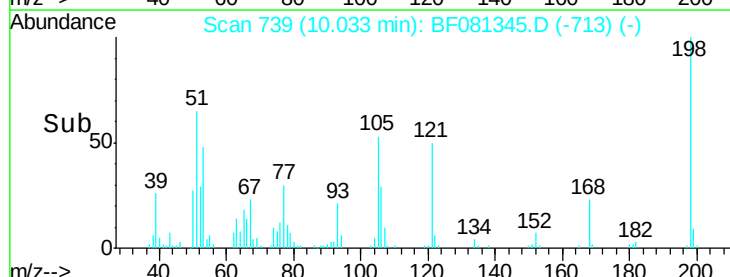
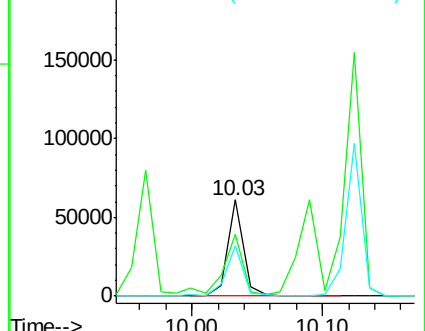
105 53.0 28.5 68.5

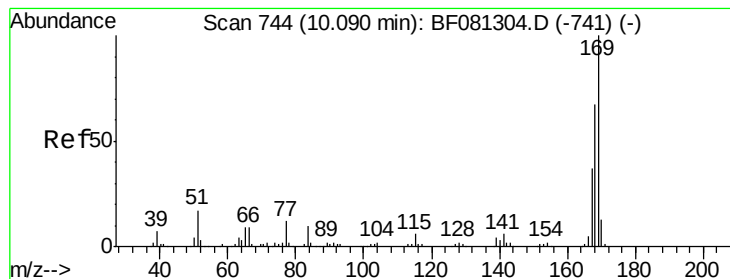


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.44 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB85326BS

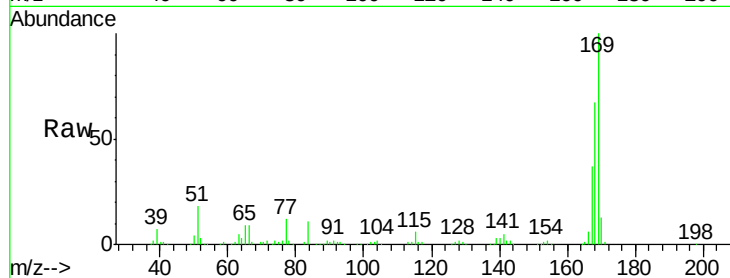
Tot Ion:169 Resp: 300832

Ion Ratio Lower Upper

169 100

168 67.3 48.9 73.3

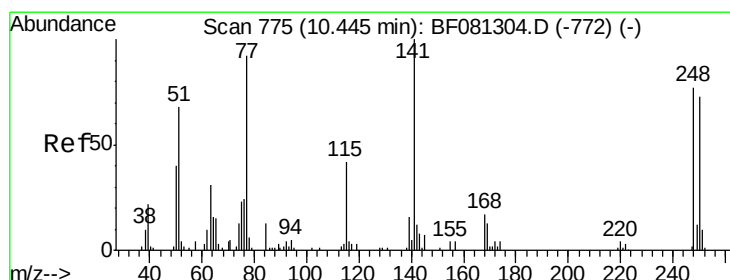
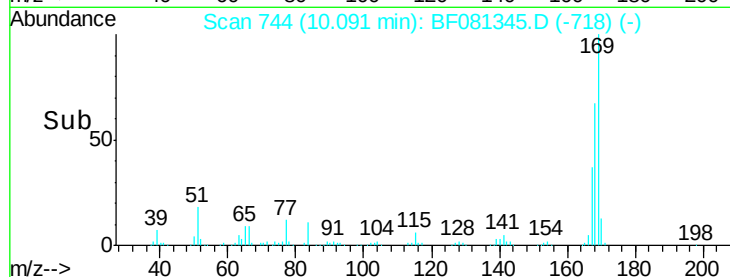
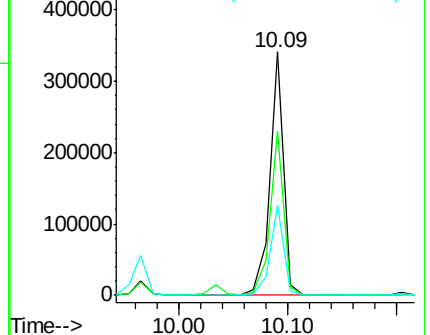
167 36.9 26.2 39.4



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: 36.60 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

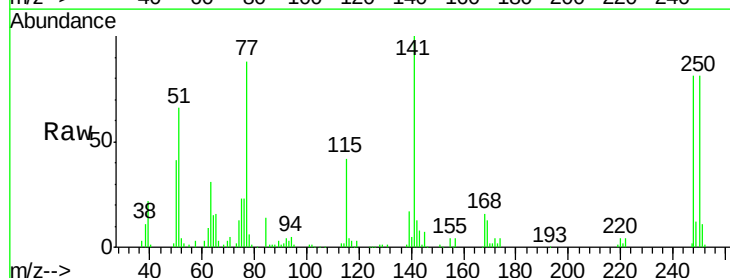
Tgt Ion:248 Resp: 79602

Ion Ratio Lower Upper

248 100

250 99.8 78.5 117.7

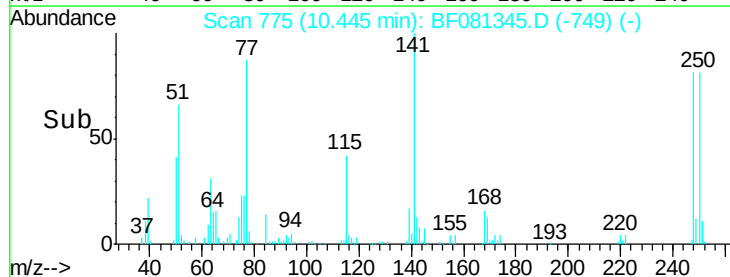
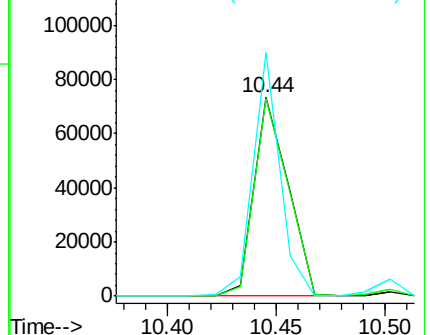
141 122.7 59.0 88.6#

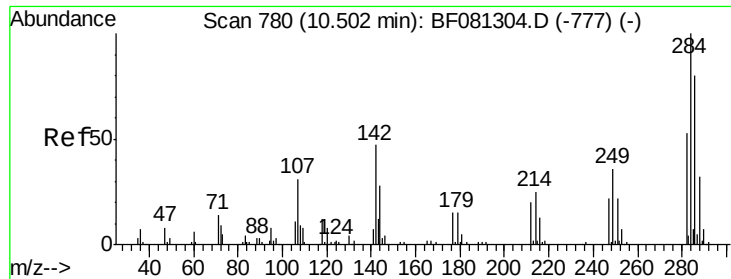


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

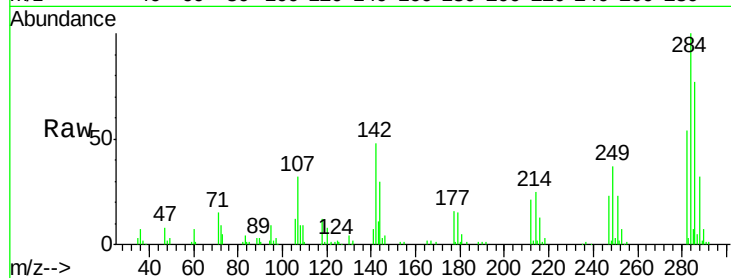




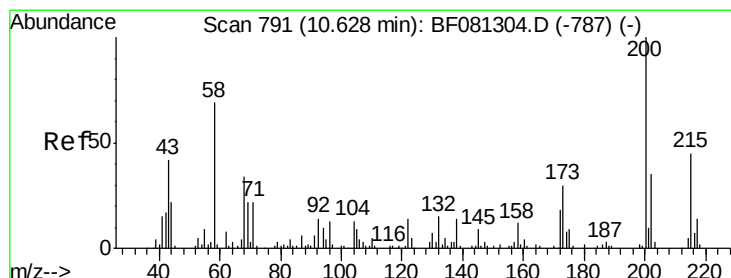
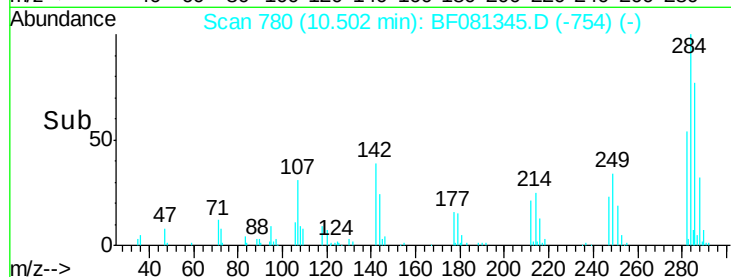
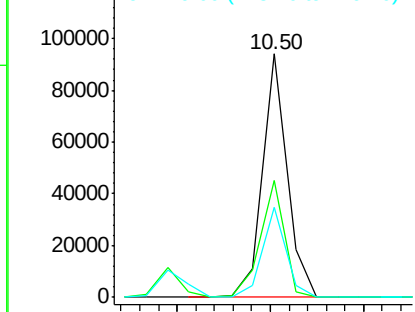
#67
Hexachlorobenzene
Concen: 37.50 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF081345.D
Acq: 2 Sep 2015 13:23

Instrument :
BNA_F
ClientSampleId :
PB85326BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	48.0	29.5	44.3#
249	36.8	19.5	29.3#

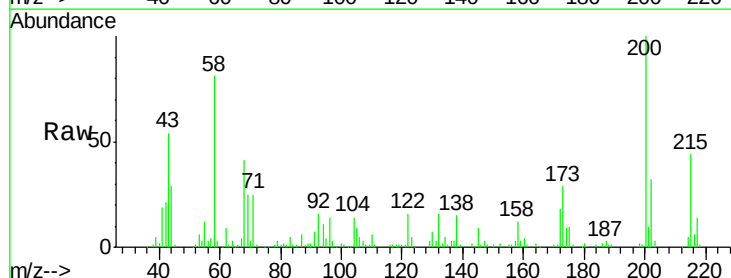


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

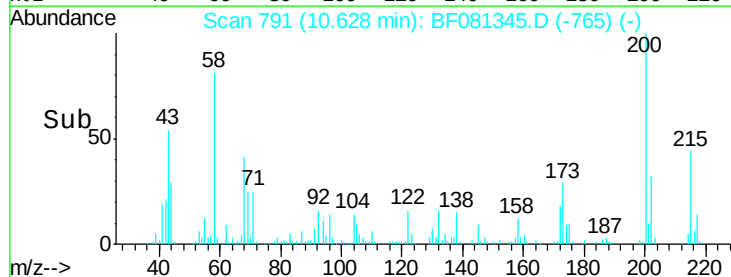
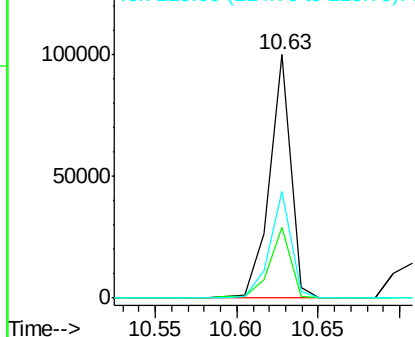


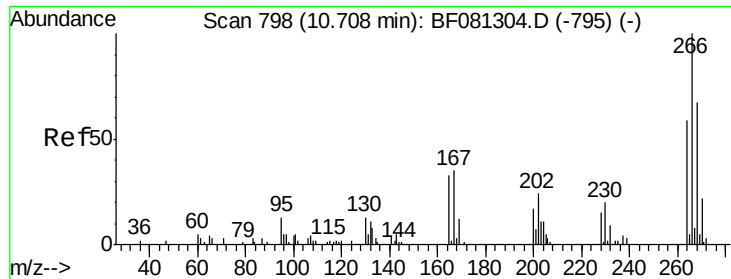
#68
Atrazine
Concen: 40.19 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF081345.D
Acq: 2 Sep 2015 13:23

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.0	13.2	53.2
215	43.9	41.8	81.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

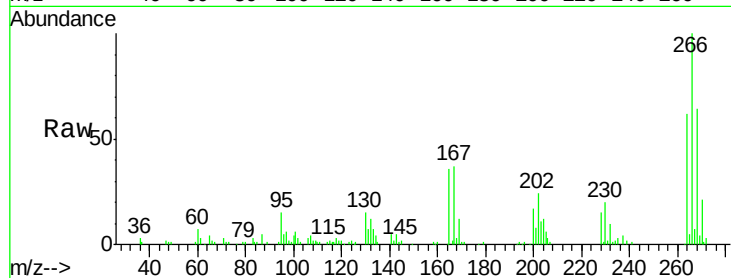




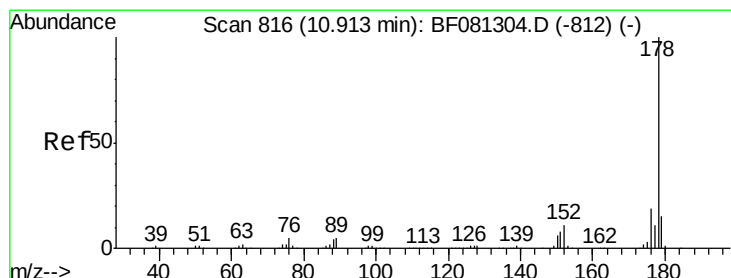
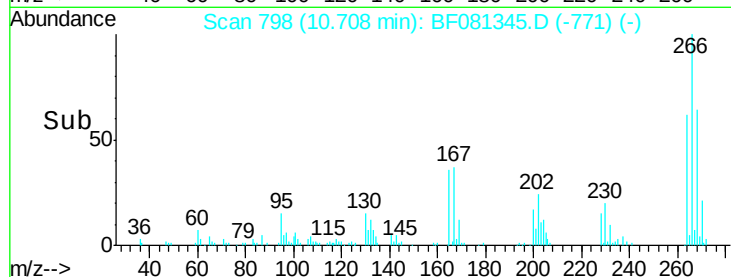
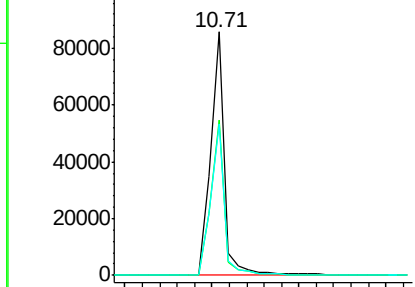
#69
 Pentachlorophenol
 Concen: 85.15 ng
 RT: 10.71 min Scan# 798
 Delta R.T. 0.01 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB85326BS

Tot Ion:266 Resp: 94957
 Ion Ratio Lower Upper
 266 100
 268 64.0 49.8 74.6
 264 62.3 50.2 75.2

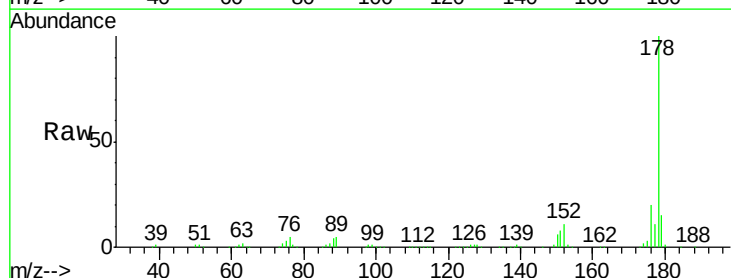


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

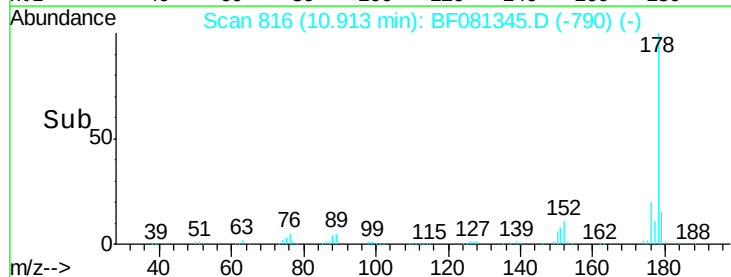
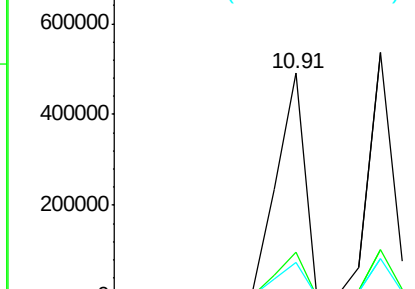


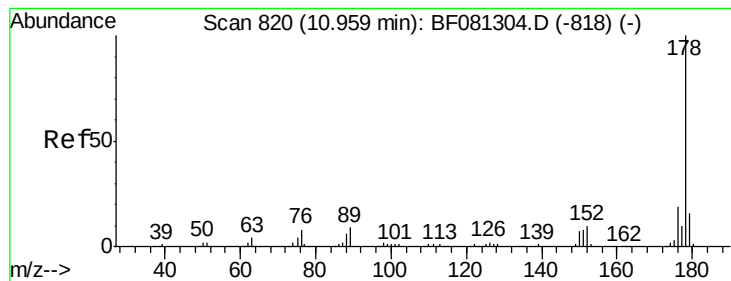
#70
 Phenanthrene
 Concen: 42.86 ng
 RT: 10.91 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

Tgt Ion:178 Resp: 512506
 Ion Ratio Lower Upper
 178 100
 176 19.8 13.8 20.8
 179 15.3 12.2 18.2



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: 38.00 ng

RT: 10.96 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB85326BS

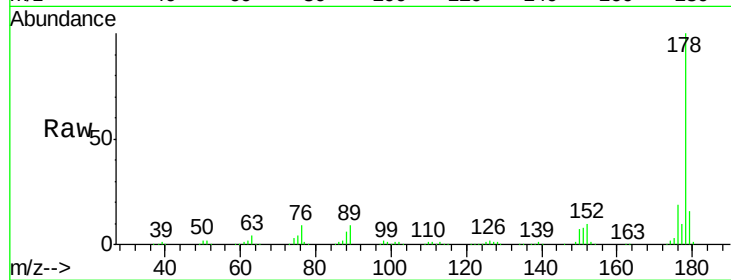
Tot Ion:178 Resp: 466848

Ion Ratio Lower Upper

178 100

176 19.0 14.1 21.1

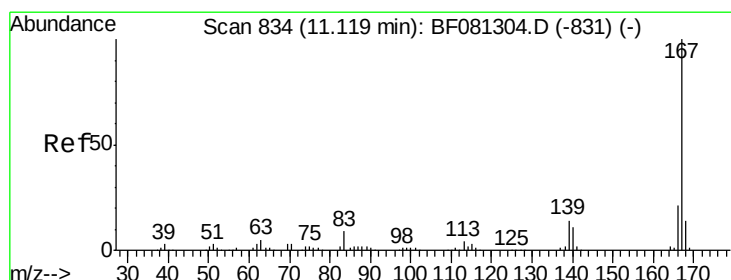
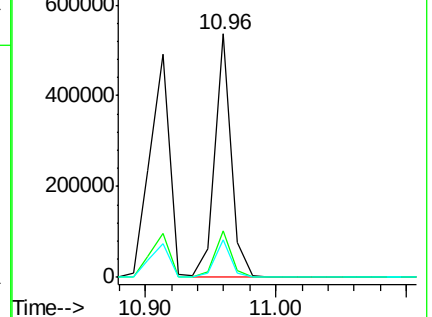
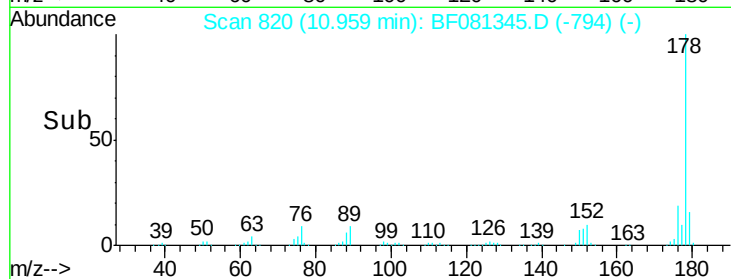
179 15.6 12.2 18.2



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: 37.54 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

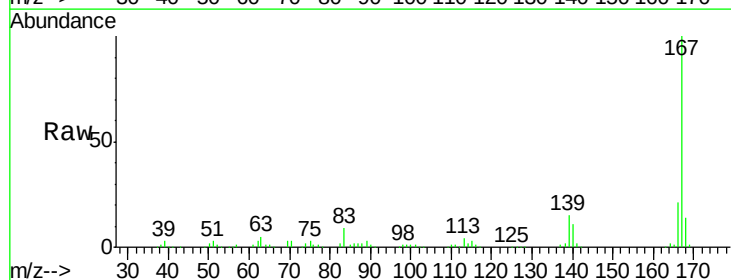
Tgt Ion:167 Resp: 432792

Ion Ratio Lower Upper

167 100

166 21.1 15.7 23.5

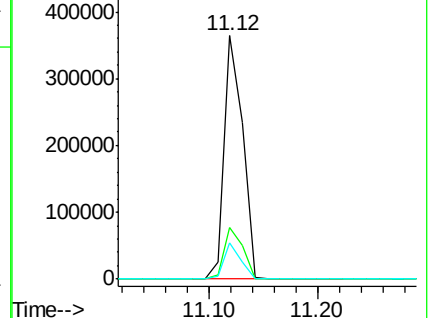
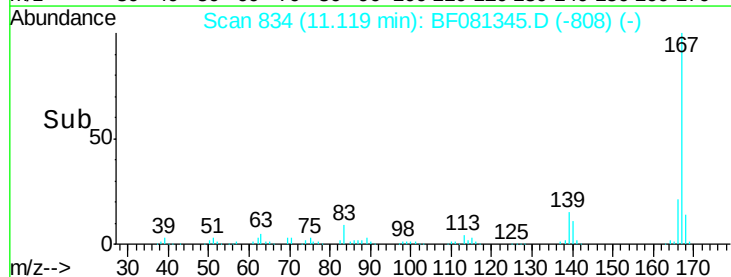
139 14.6 9.5 14.3#

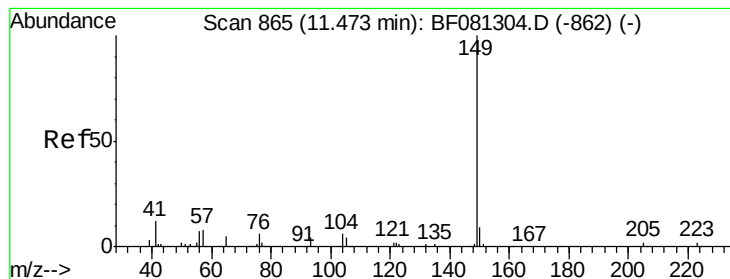


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.34 ng

RT: 11.47 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB85326BS

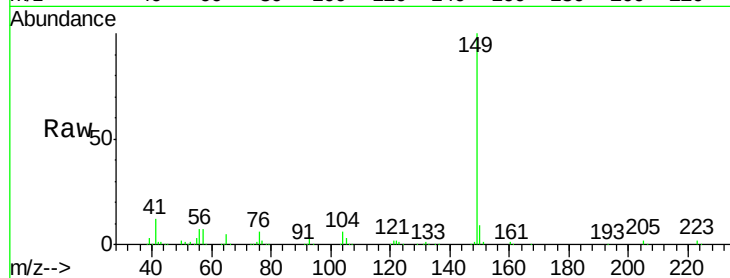
Tot Ion:149 Resp: 535484

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.7 2.4 3.6#

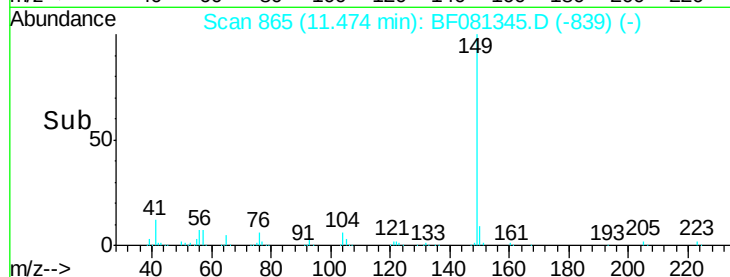


Abundance Ion 149.00 (148.70 to 149.70): E

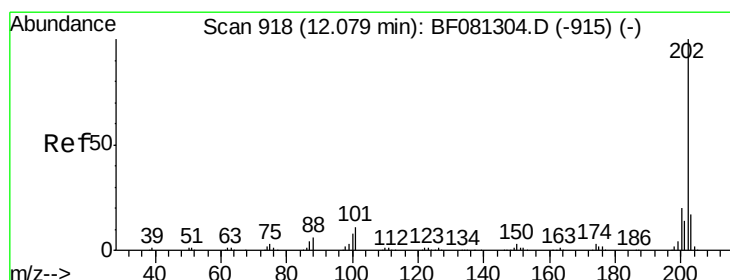
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.47



Time-->



#74

Fluoranthene

Concen: 38.21 ng

RT: 12.08 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

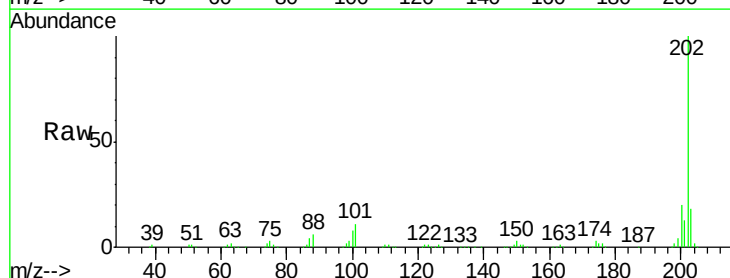
Tgt Ion:202 Resp: 494672

Ion Ratio Lower Upper

202 100

101 10.9 0.0 38.3

203 17.8 0.0 37.3

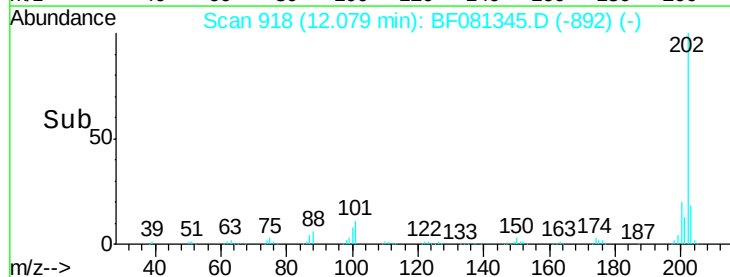


Abundance Ion 202.00 (201.70 to 202.70): E

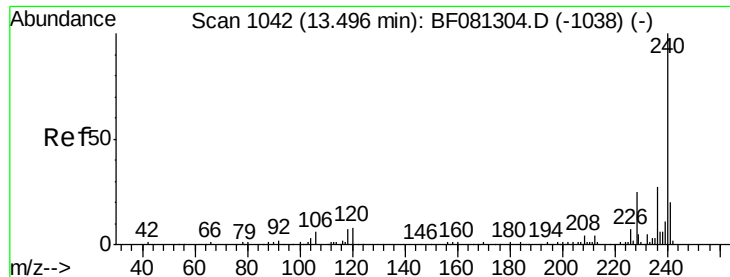
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.08



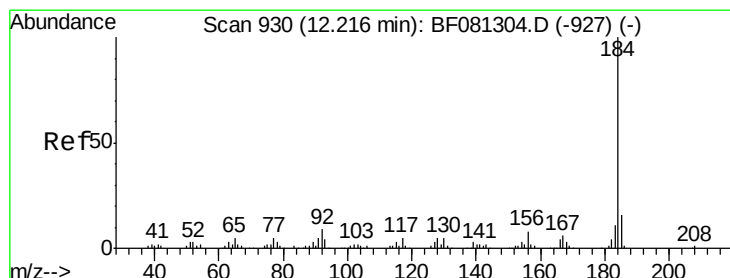
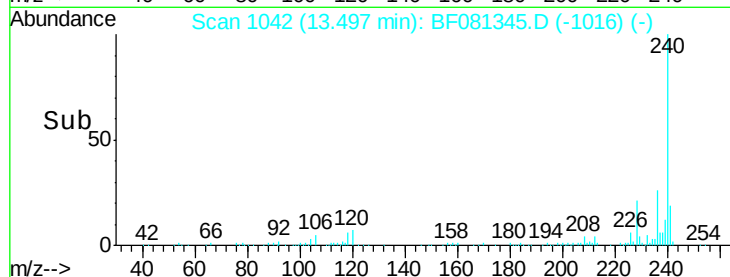
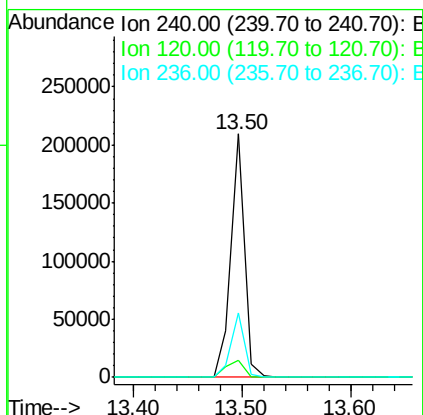
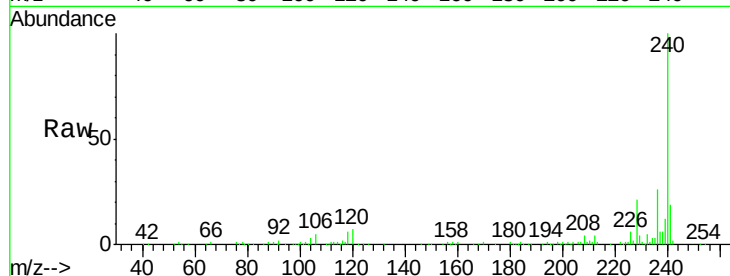
Time-->



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.50 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

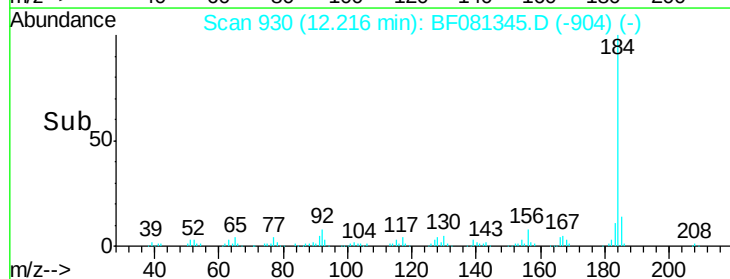
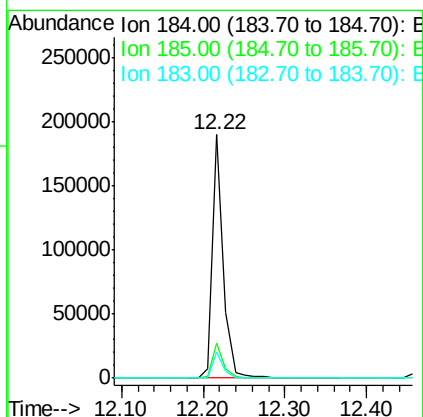
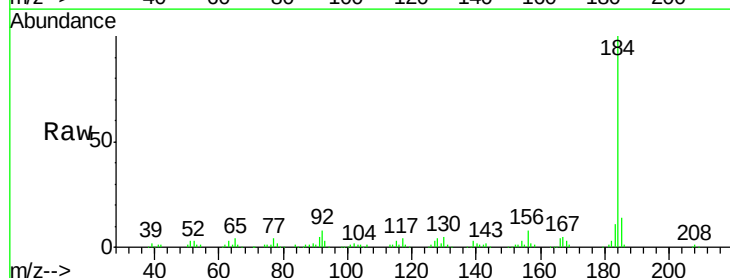
Instrument :
 BNA_F
 ClientSampled :
 PB85326BS

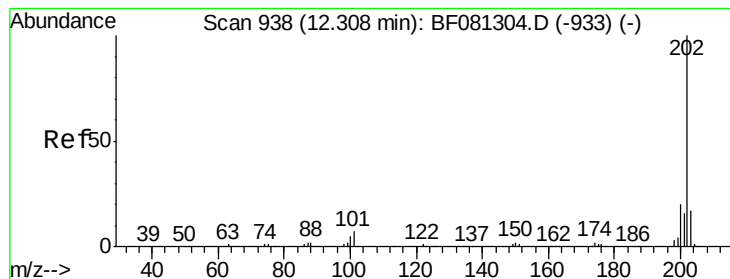
Tot Ion:240 Resp: 181642
 Ion Ratio Lower Upper
 240 100
 120 7.2 16.2 24.2#
 236 26.3 18.4 27.6



#76
 Benzidine
 Concen: 22.84 ng
 RT: 12.22 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

Tgt Ion:184 Resp: 178133
 Ion Ratio Lower Upper
 184 100
 185 14.4 11.8 17.6
 183 10.7 7.6 11.4





#77

Pvrene

Concen: 42.35 ng

RT: 12.31 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

Instrument :

BNA_F

ClientSampleId :

PB85326BS

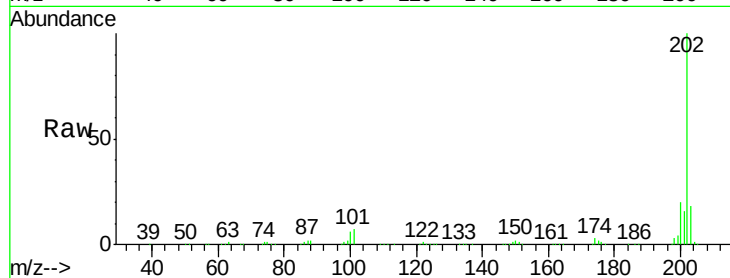
Tot Ion:202 Resp: 569860

Ion Ratio Lower Upper

202 100

200 20.3 15.0 22.4

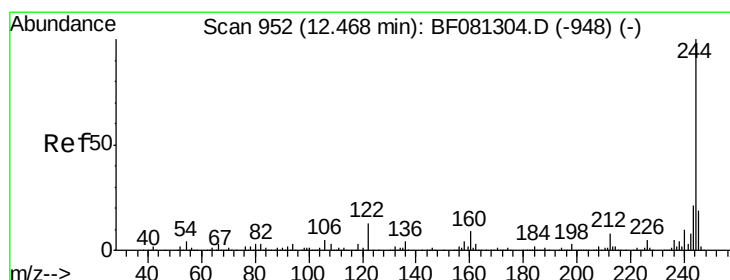
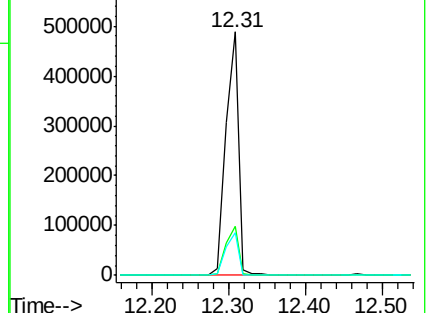
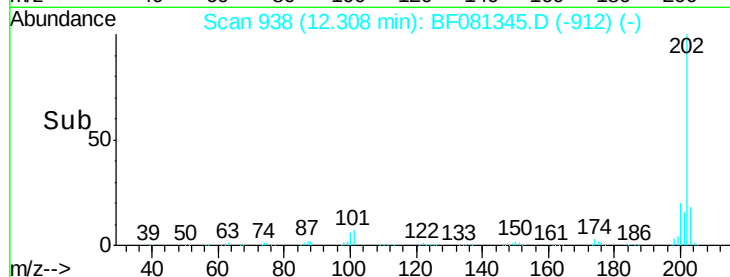
203 17.6 14.1 21.1



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: 75.83 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF081345.D

Acq: 2 Sep 2015 13:23

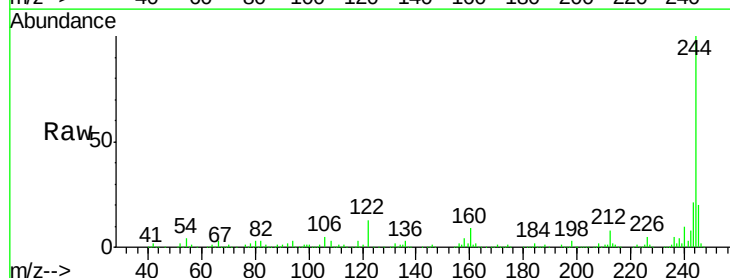
Tgt Ion:244 Resp: 591704

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

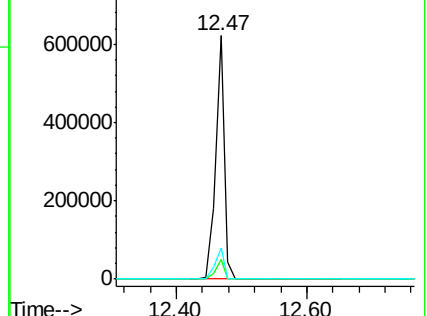
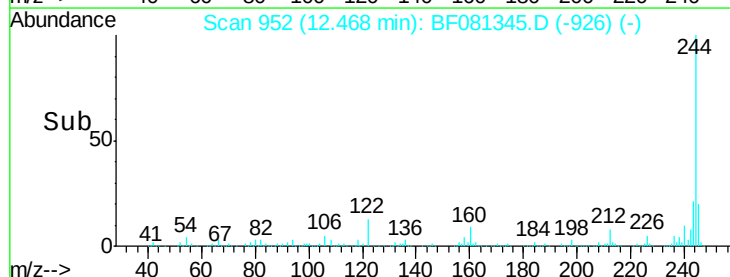
122 12.8 17.4 26.2#

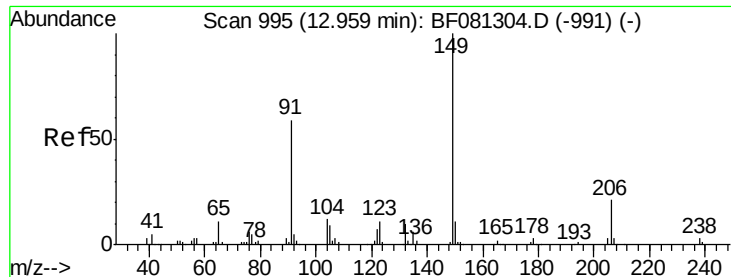


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

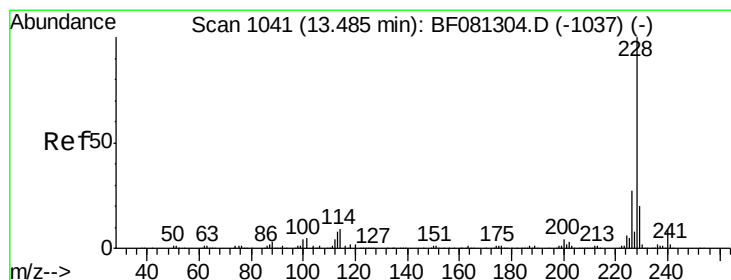
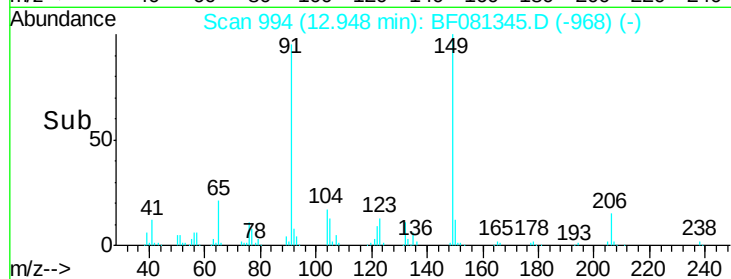
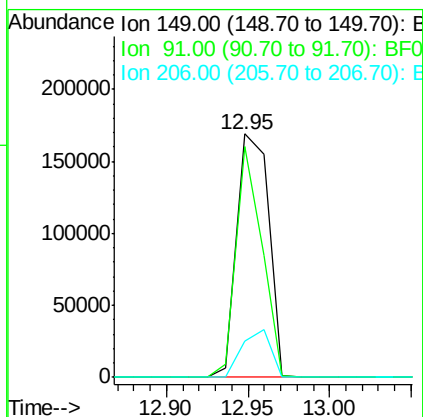
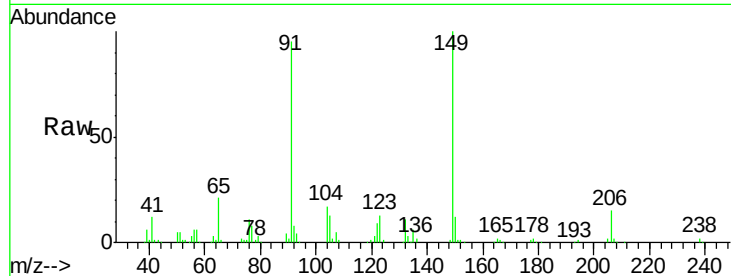




#79
Butylbenzylphthalate
Concen: 38.95 ng
RT: 12.95 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF081345.D
Acq: 2 Sep 2015 13:23

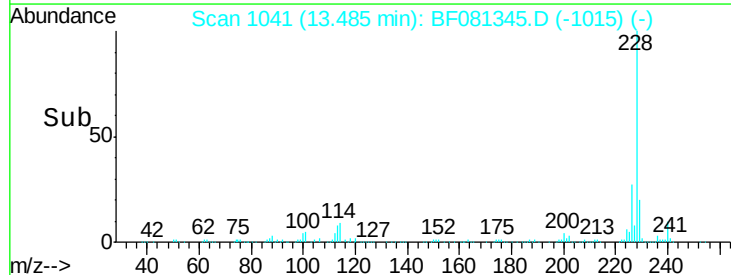
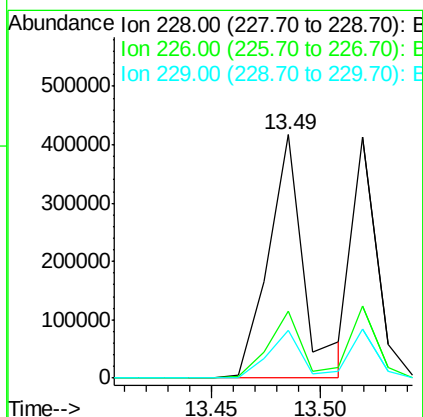
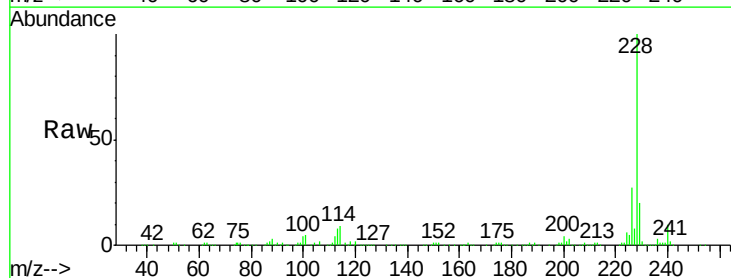
Instrument :
BNA_F
ClientSampleId :
PB85326BS

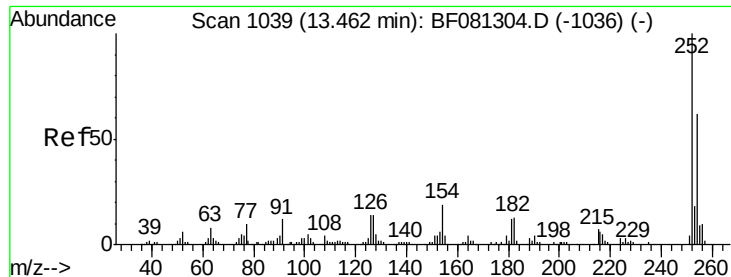
Tot Ion:149 Resp: 227904
Ion Ratio Lower Upper
149 100
91 94.7 48.6 72.8#
206 14.7 14.9 22.3#



#80
Benzo(a)anthracene
Concen: 41.17 ng
RT: 13.49 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF081345.D
Acq: 2 Sep 2015 13:23

Tgt Ion:228 Resp: 476212
Ion Ratio Lower Upper
228 100
226 27.4 20.0 30.0
229 19.8 15.4 23.2

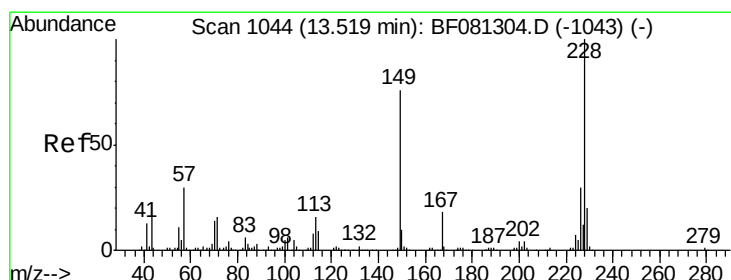
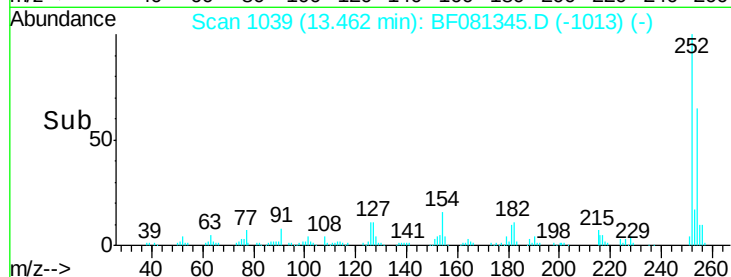
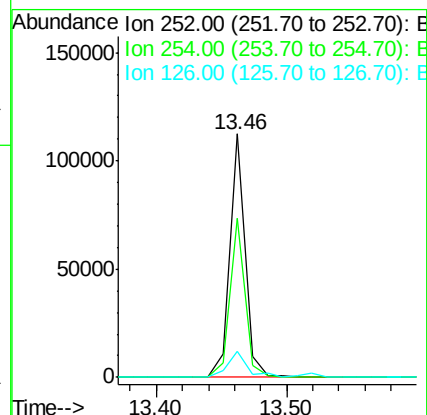
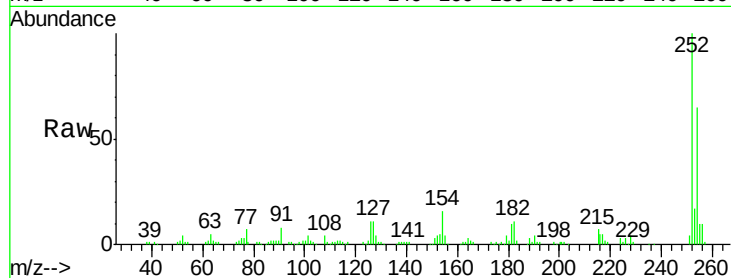




#81
 3,3'-Dichlorobenzidine
 Concen: 23.72 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

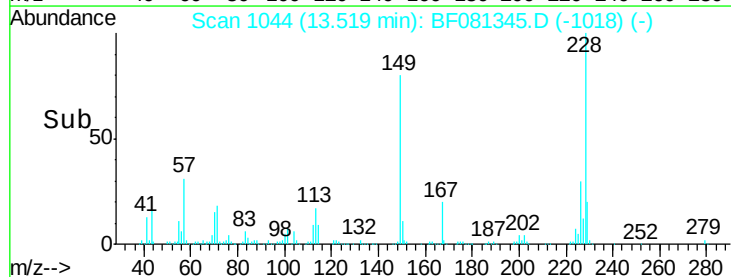
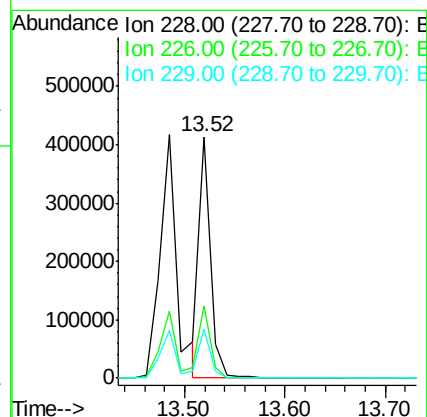
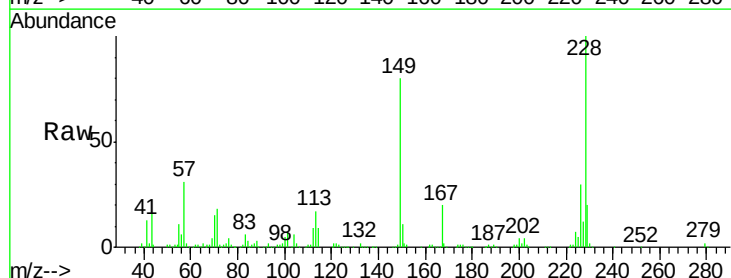
Instrument :
 BNA_F
 ClientSampleId :
 PB85326BS

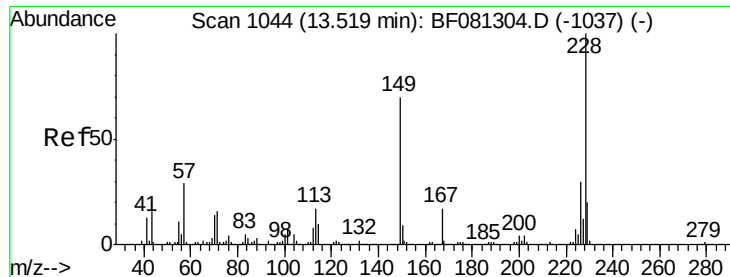
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.4	77.2
126	10.6	16.4	24.6



#82
 Chrysene
 Concen: 32.03 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.0	31.4
229	20.2	15.6	23.4

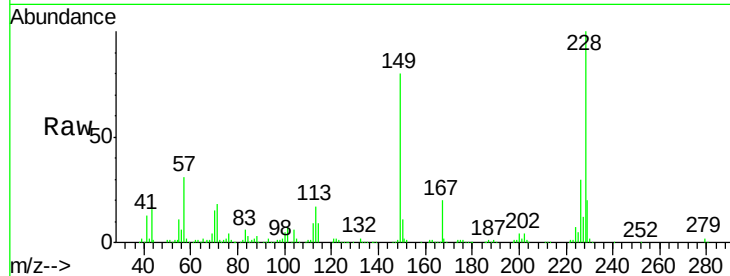




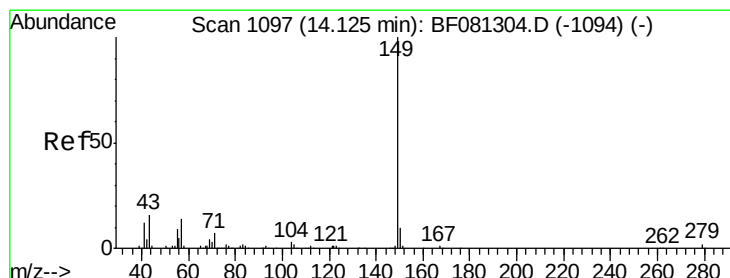
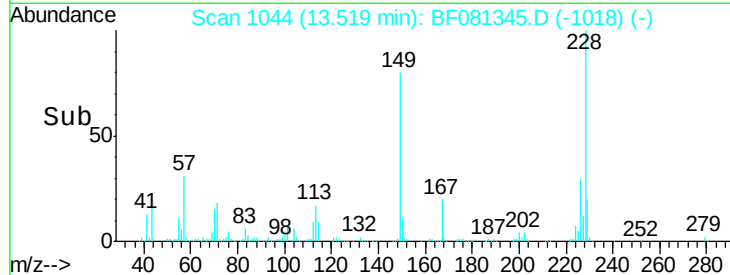
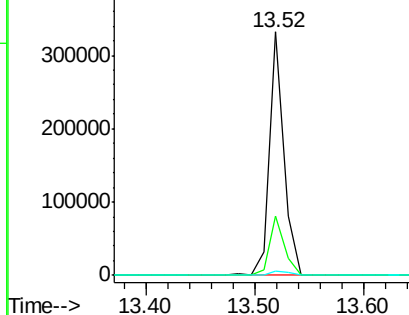
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.99 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB85326BS

Tot Ion:149	Resp:	308827
Ion Ratio	Lower	Upper
149	100	
167	24.5	24.2 36.2
279	1.9	3.8 5.6#

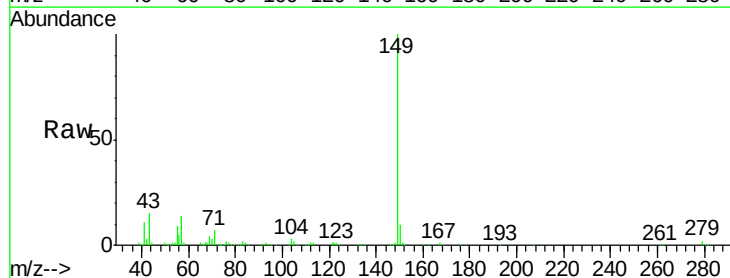


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

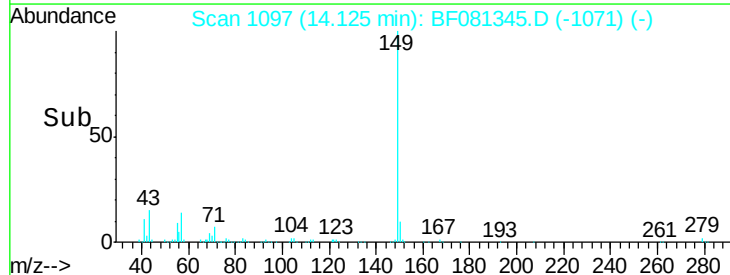
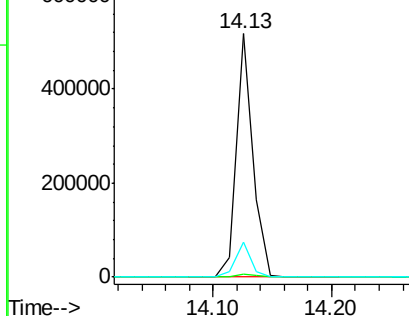


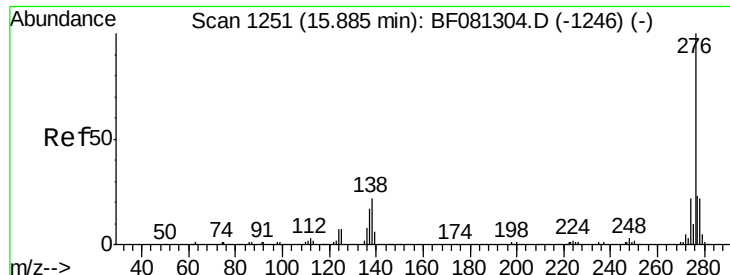
#84
 Di-n-octyl phthalate
 Concen: 39.43 ng
 RT: 14.13 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

Tgt Ion:149	Resp:	501321
Ion Ratio	Lower	Upper
149	100	
167	1.4	1.0 1.6
43	13.7	10.2 15.2



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

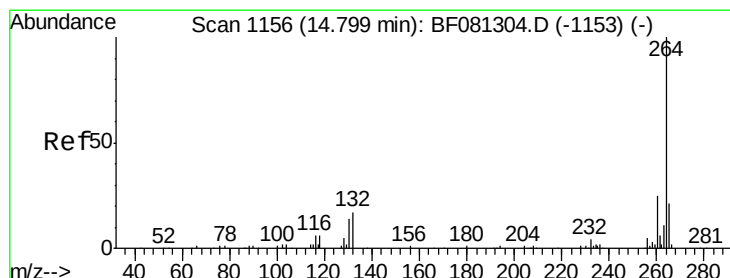
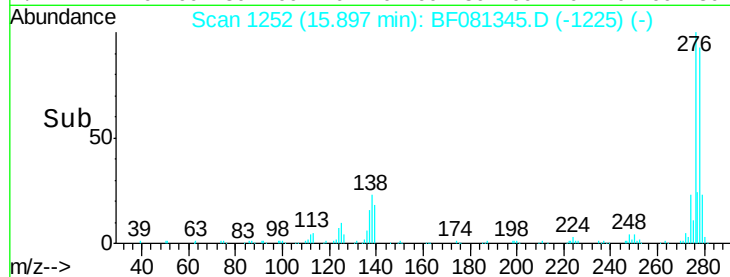
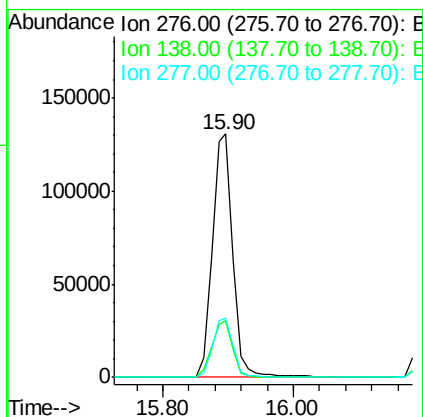
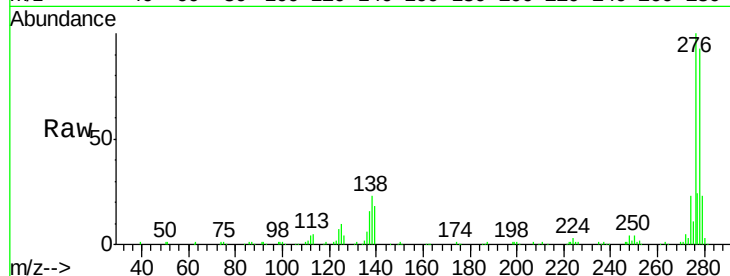




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.81 ng
 RT: 15.90 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

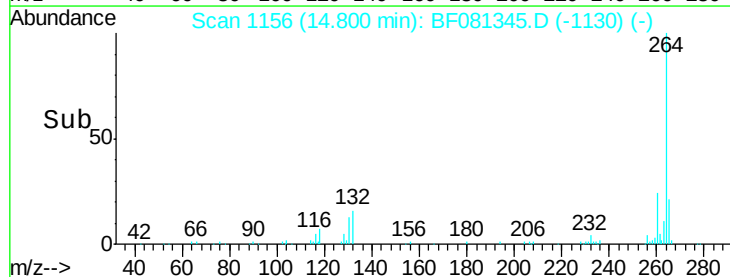
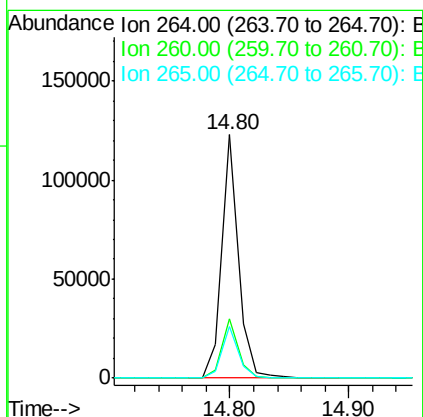
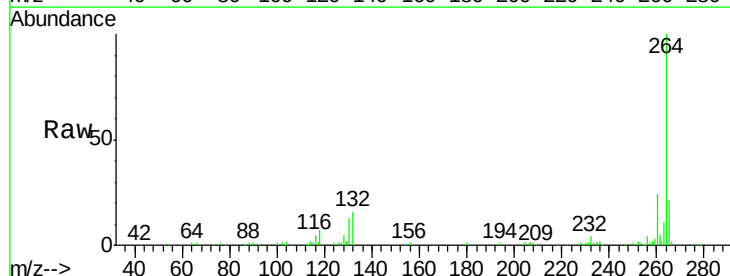
Instrument :
 BNA_F
 ClientSampleId :
 PB85326BS

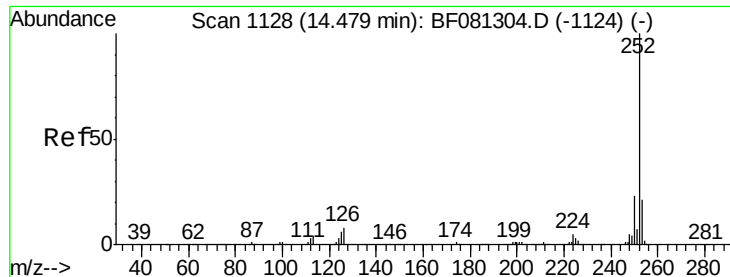
Tot Ion:276 Resp: 287612
 Ion Ratio Lower Upper
 276 100
 138 23.4 25.7 38.5#
 277 24.4 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

Tgt Ion:264 Resp: 118125
 Ion Ratio Lower Upper
 264 100
 260 24.3 16.7 25.1
 265 21.1 17.2 25.8

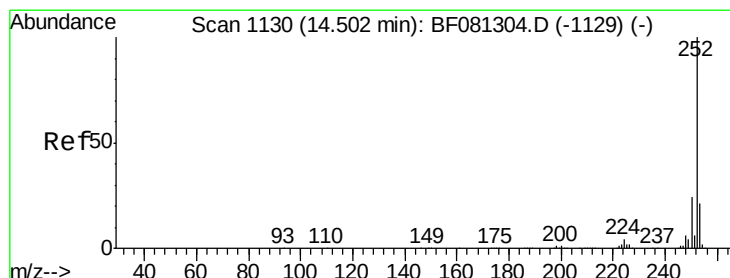
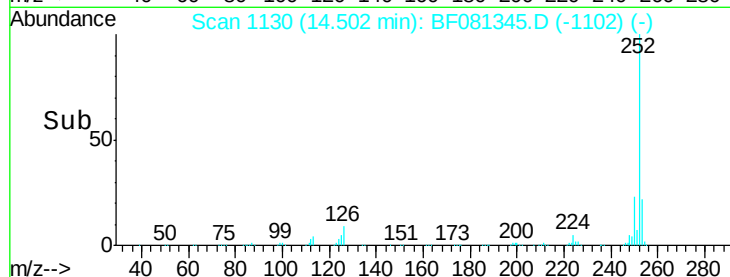
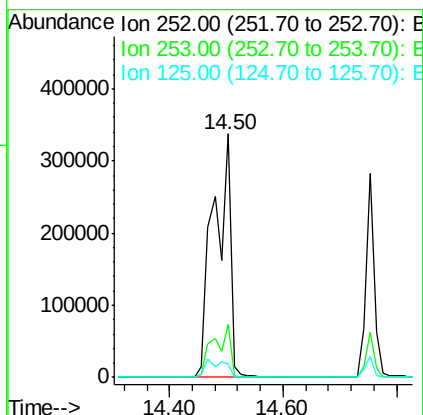
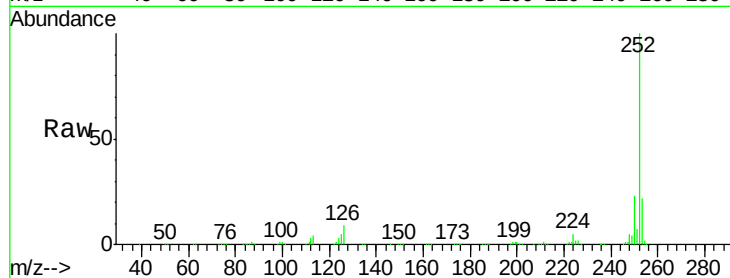




#87
Benzo(b)fluoranthene
Concen: 81.63 ng
RT: 14.50 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF081345.D
Acq: 2 Sep 2015 13:23

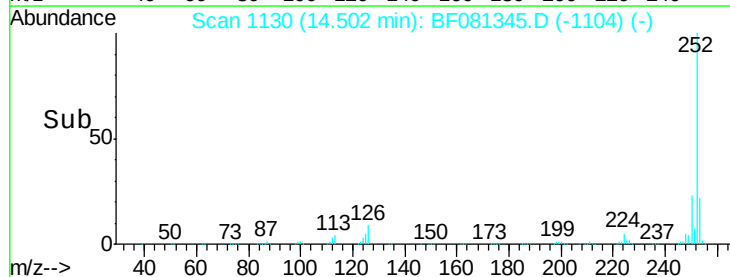
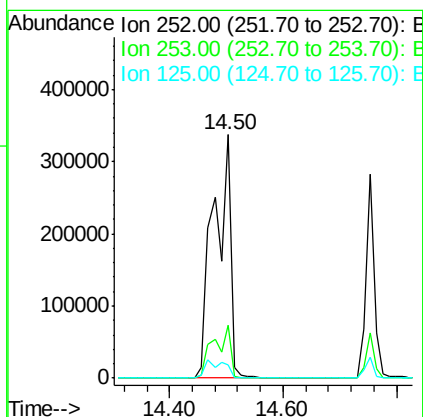
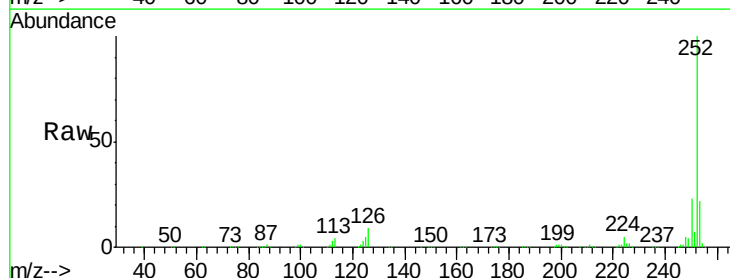
Instrument :
BNA_F
ClientSampleId :
PB85326BS

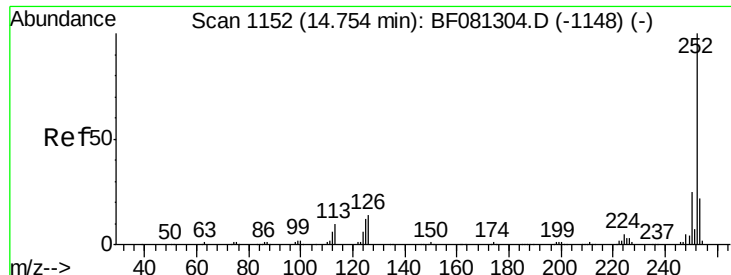
Tot Ion:252 Resp: 688403
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 5.3 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 98.38 ng
RT: 14.50 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF081345.D
Acq: 2 Sep 2015 13:23

Tgt Ion:252 Resp: 688403
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 5.3 16.0 24.0#

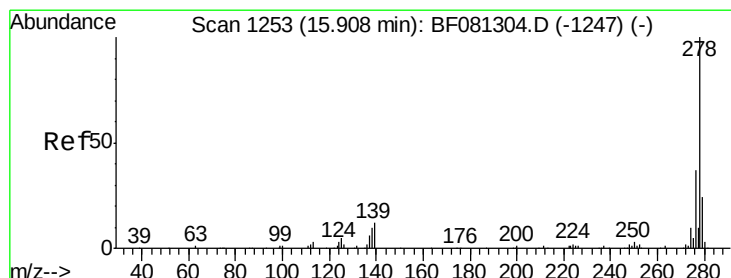
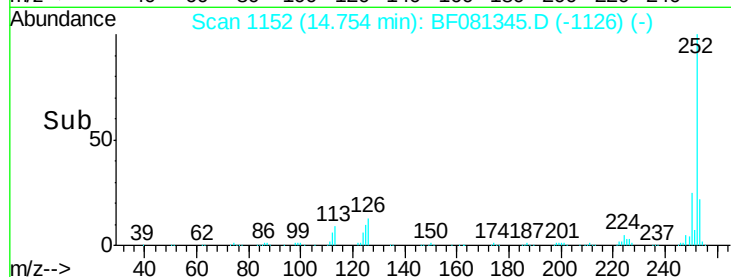
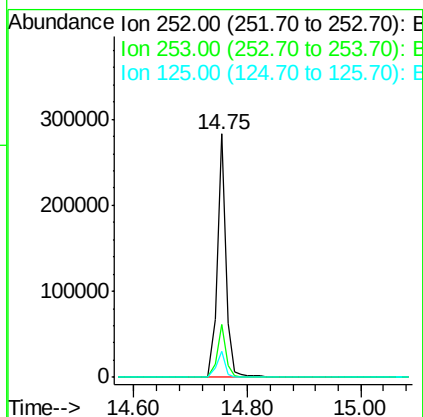
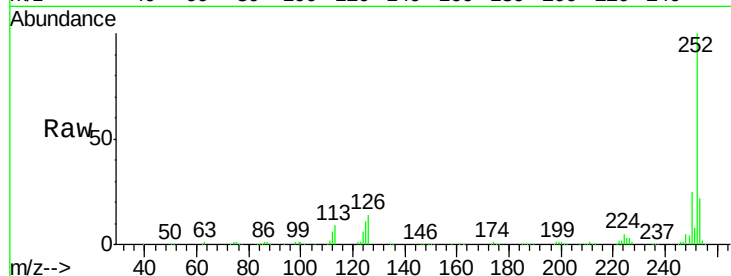




#89
Benzo(a)pyrene
Concen: 41.69 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF081345.D
Acq: 2 Sep 2015 13:23

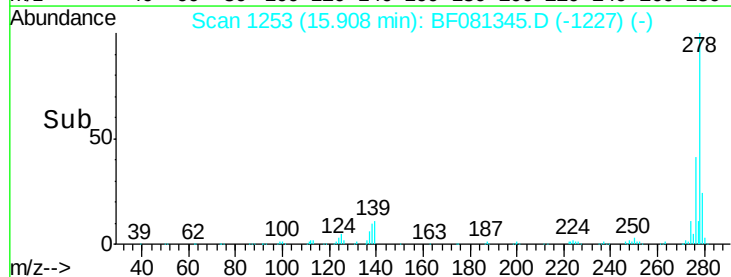
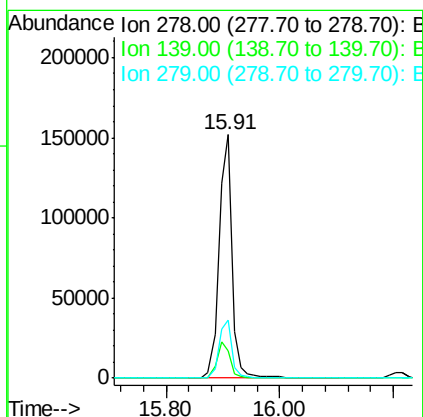
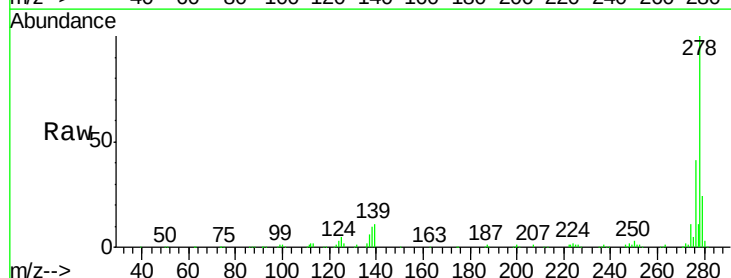
Instrument :
BNA_F
ClientSampleId :
PB85326BS

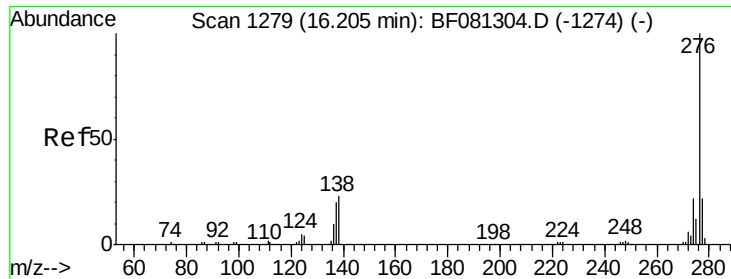
Tot Ion:252 Resp: 297925
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.5 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 43.81 ng
RT: 15.91 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BF081345.D
Acq: 2 Sep 2015 13:23

Tgt Ion:278 Resp: 241938
Ion Ratio Lower Upper
278 100
139 11.4 26.3 39.5#
279 23.7 18.2 27.4

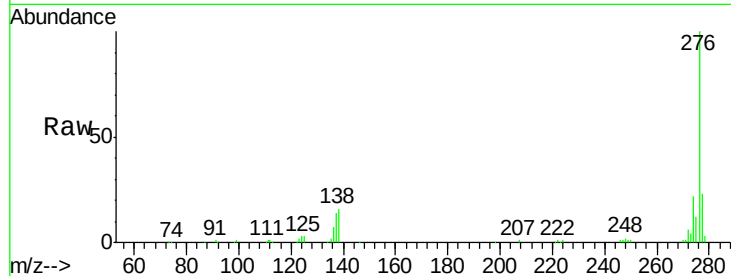




#91
 Benzo(a,h,i)perylene
 Concen: 44.22 ng
 RT: 16.22 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BF081345.D
 Acq: 2 Sep 2015 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB85326BS

Tot Ion: 276 Resp: 233048
 Ion Ratio Lower Upper
 276 100
 277 23.3 17.8 26.6
 138 16.0 34.6 51.8#



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

