

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082081.D
 Acq On : 6 Oct 2015 13:35
 Operator : UM/IZ
 Sample : PB85911BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85911BS

Quant Time: Oct 07 02:03:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 02:00:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	82816	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	326831	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	165013	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	325664	20.00	ng	0.00
75) Chrysene-d12	14.06	240	302243	20.00	ng	-0.01
86) Perylene-d12	15.51	264	284405	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	507302	111.20	ng	0.01
7) Phenol-d6	6.51	99	712958	124.20	ng	0.00
23) Nitrobenzene-d5	7.45	82	417268	85.11	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	194637	116.47	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	843613	85.68	ng	0.00
78) Terphenyl-d14	13.01	244	1003358	120.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	67587	34.07	ng	86
3) Pyridine	3.28	79	182516	35.34	ng	85
4) n-Nitrosodimethylamine	3.25	42	79744	33.99	ng	94
6) Aniline	6.55	93	168739	21.88	ng	93
8) 2-Chlorophenol	6.66	128	203274	40.35	ng	85
9) Benzaldehyde	6.43	77	36090	9.60	ng	92
10) Phenol	6.54	94	234732	36.45	ng	# 64
11) bis(2-Chloroethyl)ether	6.62	93	196355	39.32	ng	97
12) 1,3-Dichlorobenzene	6.82	146	246657	41.45	ng	# 96
13) 1,4-Dichlorobenzene	6.90	146	249740	40.19	ng	97
14) 1,2-Dichlorobenzene	6.90	146	252222	45.55	ng	99
15) Benzyl Alcohol	7.03	79	171464	41.38	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.17	45	298384	42.27	ng	81
17) 2-Methylphenol	7.14	107	177427	43.44	ng	# 86
18) Hexachloroethane	7.39	117	84576	43.48	ng	# 78
19) n-Nitroso-di-n-propylamine	7.30	70	156134	44.75	ng	# 74
20) 3+4-Methylphenols	7.29	107	206617	40.05	ng	# 56
22) Acetophenone	7.29	105	282475	42.27	ng	# 74
24) Nitrobenzene	7.47	77	221647	41.63	ng	# 78
25) Isophorone	7.71	82	402912	41.46	ng	# 96
26) 2-Nitrophenol	7.78	139	112807	44.14	ng	# 53
27) 2,4-Dimethylphenol	7.83	122	203626	45.29	ng	# 84
28) bis(2-Chloroethoxy)methane	7.92	93	240797	41.73	ng	# 93
29) 2,4-Dichlorophenol	8.03	162	191598	43.95	ng	95
30) 1,2,4-Trichlorobenzene	8.11	180	211079	43.37	ng	99
31) Naphthalene	8.19	128	637398	44.01	ng	97
32) Benzoic acid	7.94	122	106279	40.82	ng	# 68
33) 4-Chloroaniline	8.25	127	90876	14.51	ng	# 96
34) Hexachlorobutadiene	8.31	225	129571	45.02	ng	99
35) Caprolactam	8.62	113	40089	33.22	ng	97
36) 4-Chloro-3-methylphenol	8.73	107	201693	47.32	ng	85
37) 2-Methylnaphthalene	8.88	142	407913	41.26	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	220533	43.53	ng	98
40) Hexachlorocyclopentadiene	9.03	237	220157	84.39	ng	95

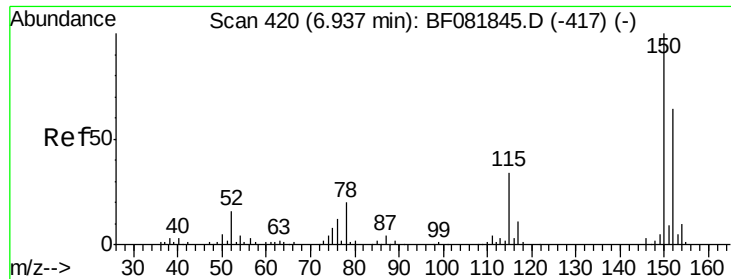
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082081.D
 Acq On : 6 Oct 2015 13:35
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	153173	44.10	nq	98
43) 2,4,5-Trichlorophenol	9.21	196	155346	43.50	nq	# 93
45) 1,1'-Biphenyl	9.35	154	538160	42.27	nq	95
46) 2-Chloronaphthalene	9.37	162	396864	39.70	nq	# 92
47) 2-Nitroaniline	9.47	65	123386	42.05	nq	# 77
48) Acenaphthylene	9.79	152	700697	43.80	nq	97
49) Dimethylphthalate	9.66	163	524292	46.03	nq	# 97
50) 2,6-Dinitrotoluene	9.71	165	103794	41.97	nq	# 59
51) Acenaphthene	9.97	154	422399	44.46	nq	88
52) 3-Nitroaniline	9.89	138	63086	22.05	nq	# 69
53) 2,4-Dinitrophenol	10.00	184	120757	91.24	nq	# 83
54) Dibenzofuran	10.14	168	608362	45.31	nq	# 90
55) 4-Nitrophenol	10.06	139	175070	84.69	nq	# 60
56) 2,4-Dinitrotoluene	10.13	165	159746	50.67	nq	# 98
57) Fluorene	10.48	166	489984	51.33	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.25	232	134892	47.61	nq	95
59) Diethylphthalate	10.35	149	506196	47.58	nq	97
60) 4-Chlorophenyl-phenylether	10.47	204	222891	45.34	nq	# 88
61) 4-Nitroaniline	10.50	138	112920	39.37	nq	# 50
62) Azobenzene	10.63	77	470100	45.27	nq	90
64) 4,6-Dinitro-2-methylphenol	10.53	198	72638	48.93	nq	88
65) n-Nitrosodiphenylamine	10.59	169	432312	43.88	nq	92
66) 4-Bromophenyl-phenylether	10.96	248	147745	44.99	nq	98
67) Hexachlorobenzene	11.03	284	148903	40.18	nq	# 74
68) Atrazine	11.12	200	140274	45.88	nq	84
69) Pentachlorophenol	11.22	266	174017	82.41	nq	100
70) Phenanthrene	11.44	178	681982	43.46	nq	96
71) Anthracene	11.50	178	784391	47.39	nq	98
72) Carbazole	11.66	167	664421	44.35	nq	96
73) Di-n-butylphthalate	11.98	149	797878	52.52	nq	# 99
74) Fluoranthene	12.63	202	738998	42.36	nq	91
76) Benzydine	12.76	184	264560	29.05	nq	98
77) Pyrene	12.86	202	742313	41.11	nq	96
79) Butylbenzylphthalate	13.48	149	322337	47.44	nq	88
80) Benzo(a)anthracene	14.05	228	712036	43.75	nq	95
81) 3,3'-Dichlorobenzidine	14.01	252	144144	26.22	nq	# 95
82) Chrysene	14.09	228	732363	Below	Cal	95
83) Bis(2-ethylhexyl)phthalate	14.04	149	476541	55.91	nq	# 94
84) Di-n-octyl phthalate	14.65	149	782972	56.45	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.95	276	629184	49.42	nq	# 87
87) Benzo(b)fluoranthene	15.09	252	788898	48.58	nq	# 88
88) Benzo(k)fluoranthene	15.09	252	788898	53.01	nq	# 89
89) Benzo(a)pyrene	15.45	252	661542	46.97	nq	# 86
90) Dibenzo(a,h)anthracene	16.96	278	518394	43.87	nq	# 83
91) Benzo(g,h,i)perylene	17.38	276	499493	41.24	nq	# 76

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

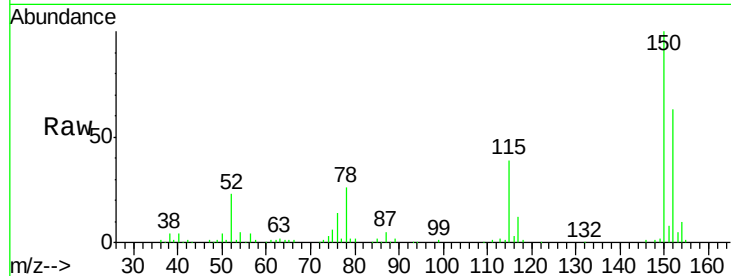
Tot Ion:152 Resp: 82816

Ion Ratio Lower Upper

152 100

150 159.2 124.7 187.1

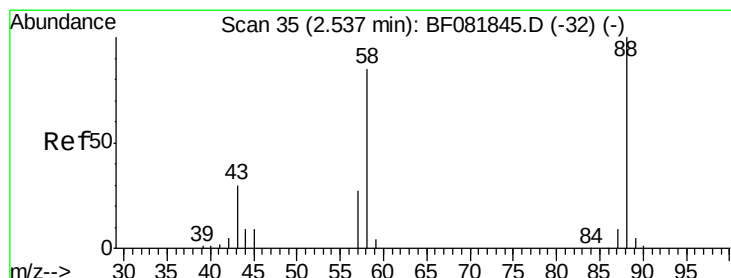
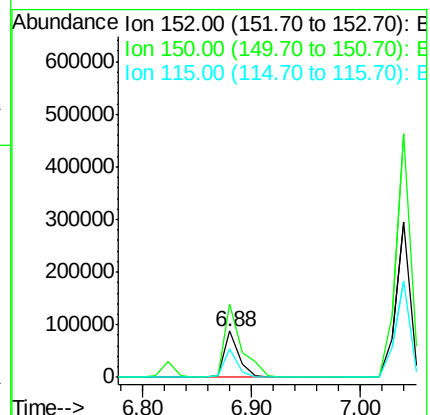
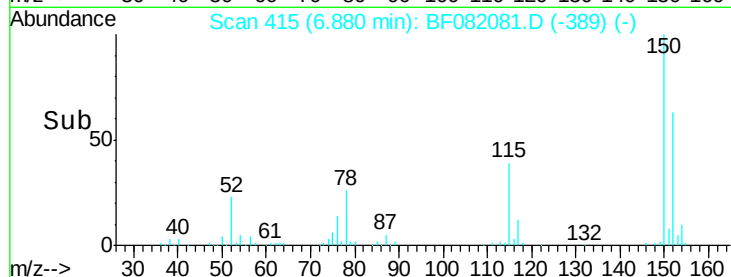
115 61.3 39.0 58.4#



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: 34.07 ng

RT: 2.55 min Scan# 36

Delta R.T. 0.09 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

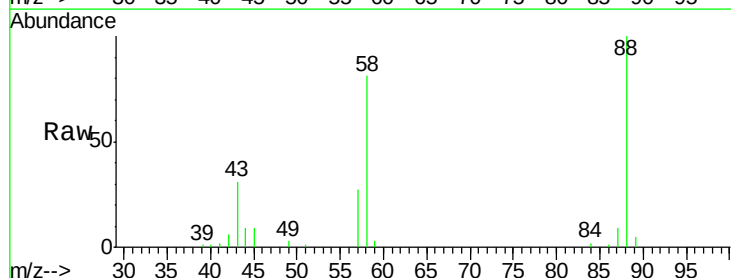
Tgt Ion: 88 Resp: 67587

Ion Ratio Lower Upper

88 100

58 80.7 77.7 116.5

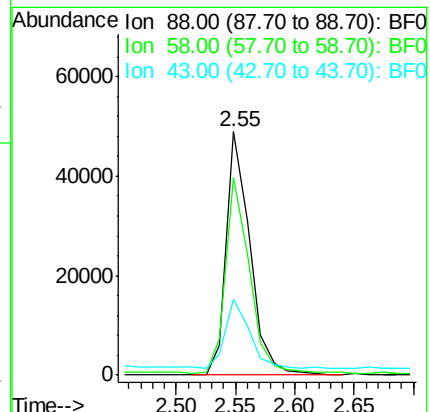
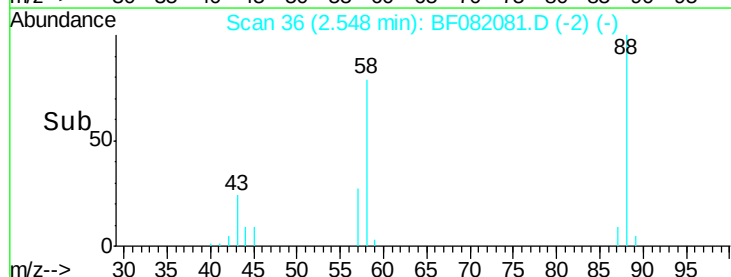
43 29.4 26.6 40.0

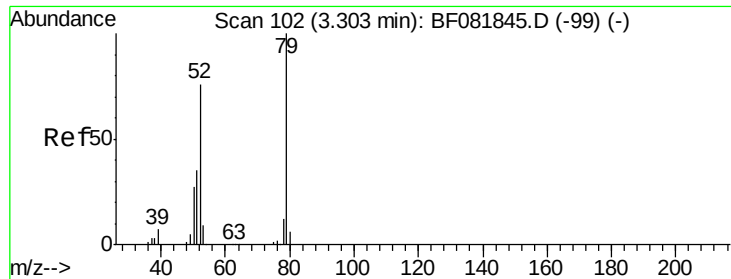


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.34 ng

RT: 3.28 min Scan# 100

Delta R.T. 0.08 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

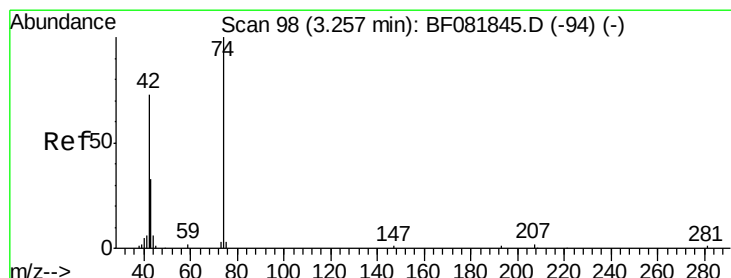
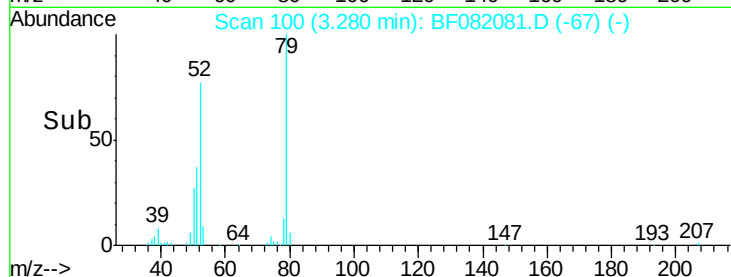
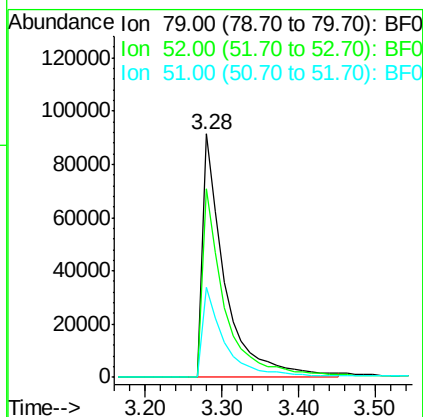
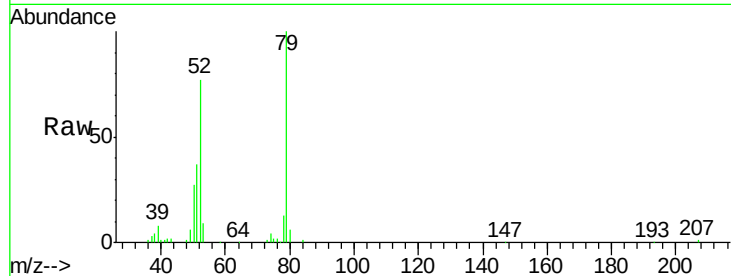
Tot Ion: 79 Resp: 182516

Ion Ratio Lower Upper

79 100

52 77.2 76.8 115.2

51 37.2 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 33.99 ng

RT: 3.25 min Scan# 97

Delta R.T. 0.09 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

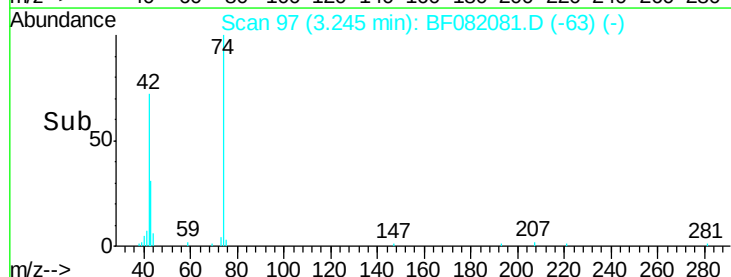
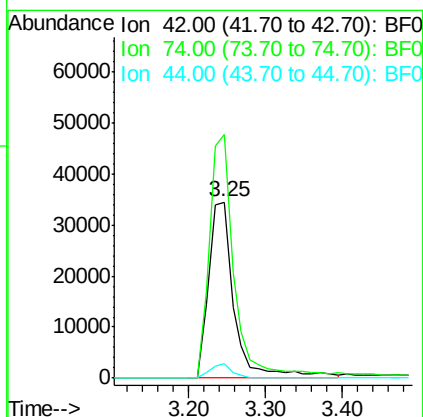
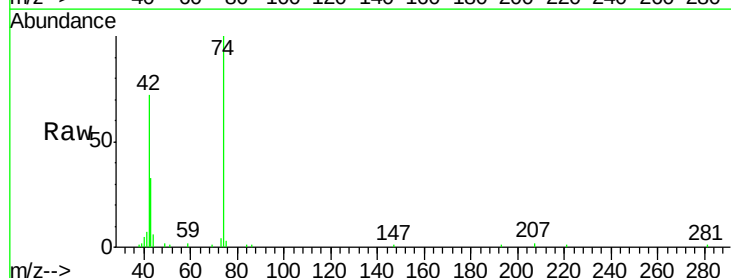
Tgt Ion: 42 Resp: 79744

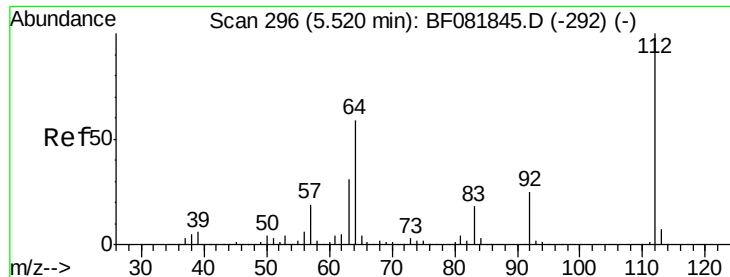
Ion Ratio Lower Upper

42 100

74 138.4 105.0 157.6

44 8.0 6.6 10.0





#5

2-Fluorophenol

Concen: 111.20 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

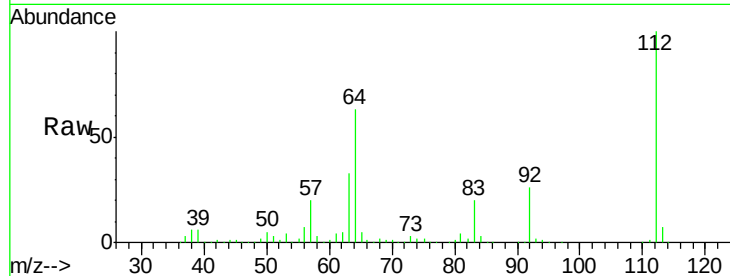
Tot Ion:112 Resp: 507302

Ion Ratio Lower Upper

112 100

64 63.1 39.7 59.5#

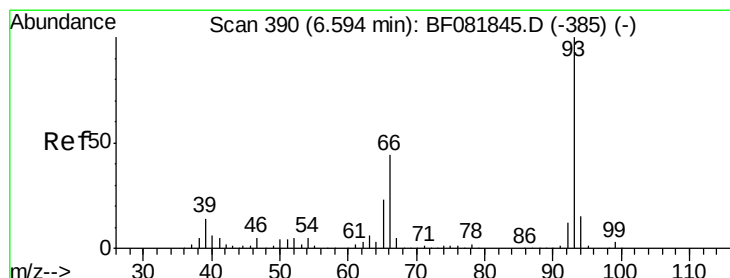
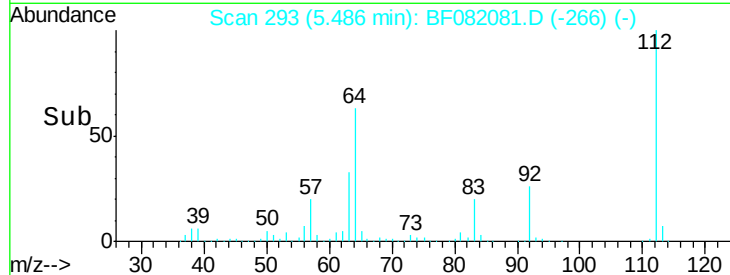
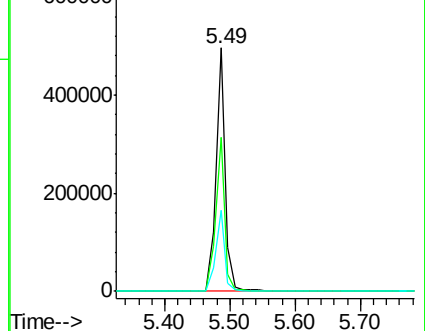
63 33.4 17.4 26.0#



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: 21.88 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

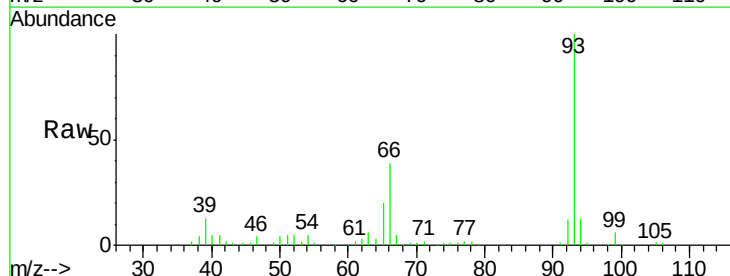
Tgt Ion: 93 Resp: 168739

Ion Ratio Lower Upper

93 100

66 39.3 27.2 40.8

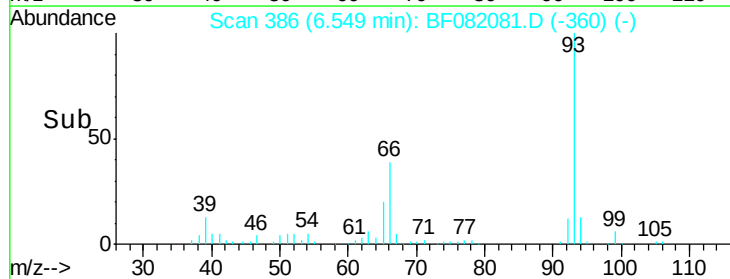
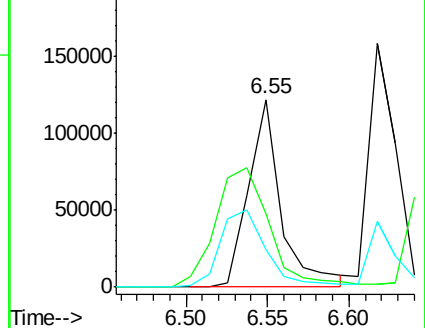
65 19.9 14.7 22.1

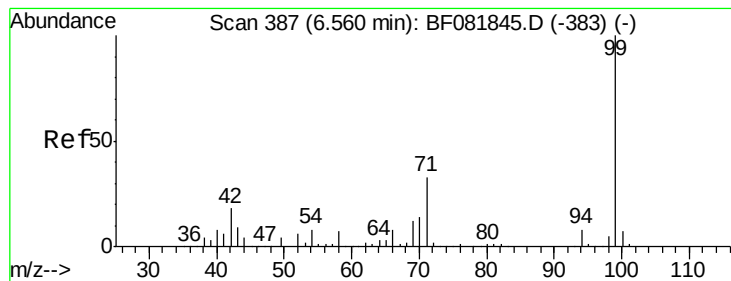


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.20 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

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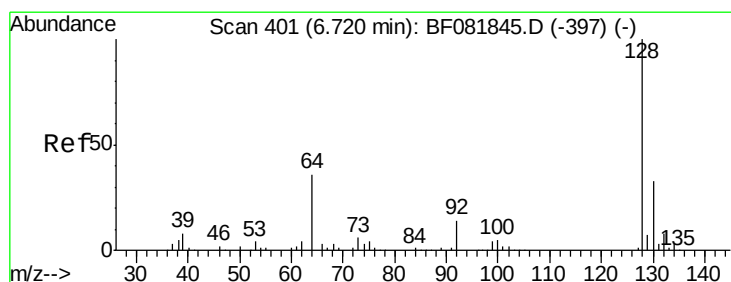
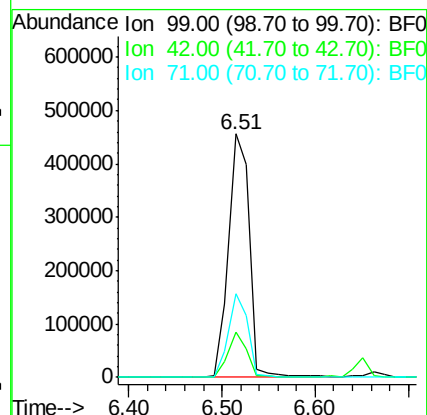
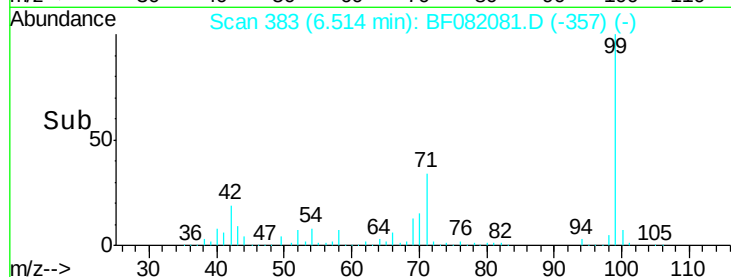
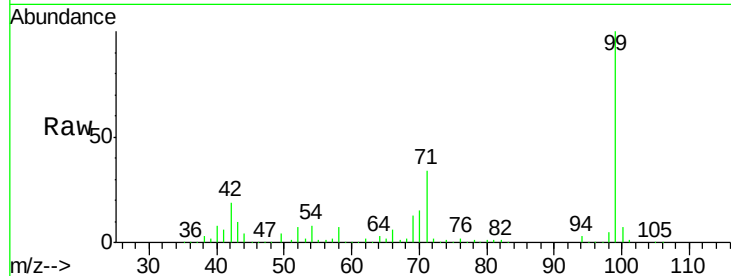
Tot Ion: 99 Resp: 712958

Ion Ratio Lower Upper

99 100

42 18.8 13.7 20.5

71 34.1 14.2 21.2#



#8

2-Chlorophenol

Concen: 40.35 ng

RT: 6.66 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

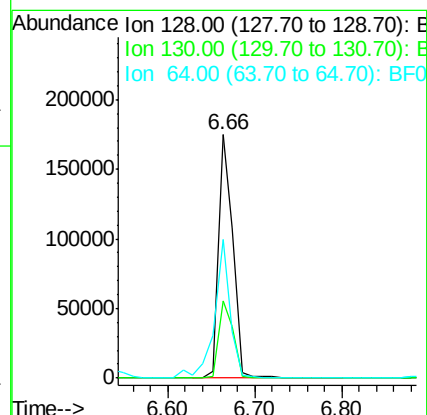
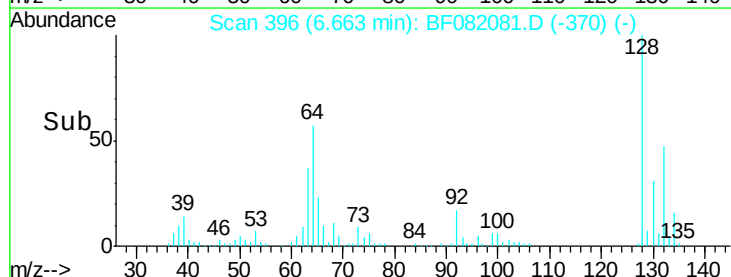
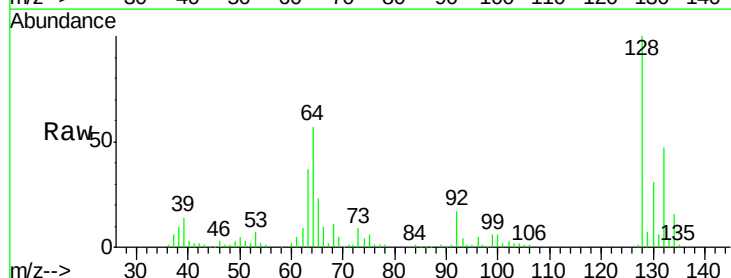
Tgt Ion: 128 Resp: 203274

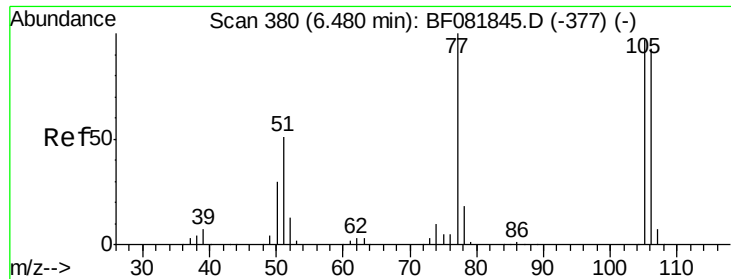
Ion Ratio Lower Upper

128 100

130 31.5 12.2 52.2

64 57.1 20.5 60.5





#9

Benzaldehyde

Concen: 9.60 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleID :

PB85911BS

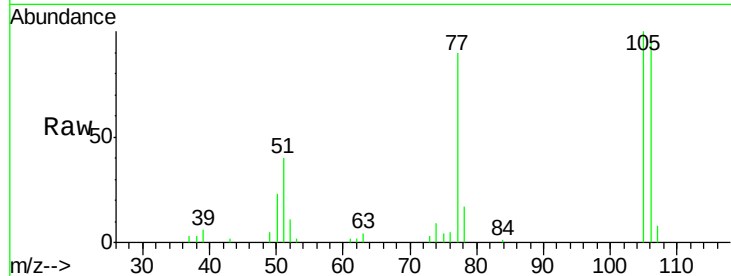
Tot Ion: 77 Resp: 36090

Ion Ratio Lower Upper

77 100

105 111.7 91.6 131.6

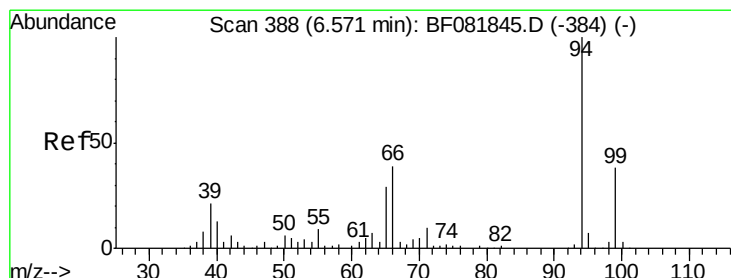
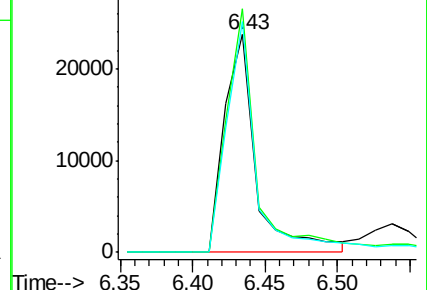
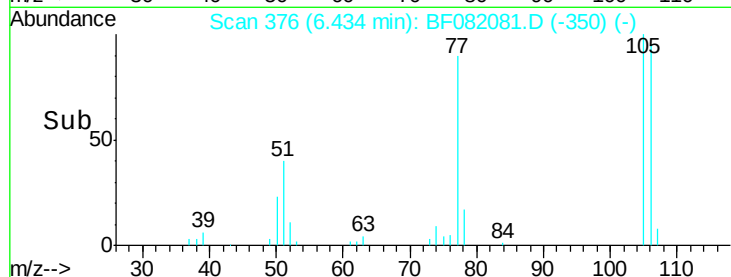
106 106.1 102.6 142.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.45 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

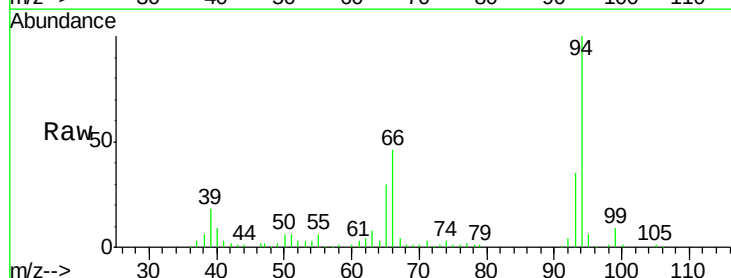
Tgt Ion: 94 Resp: 234732

Ion Ratio Lower Upper

94 100

65 29.6 0.7 40.7

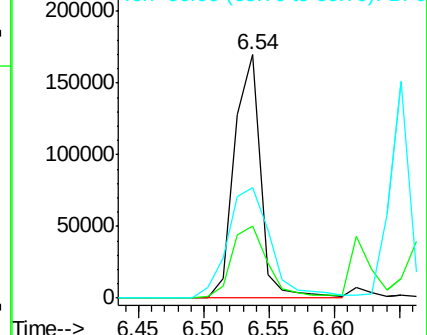
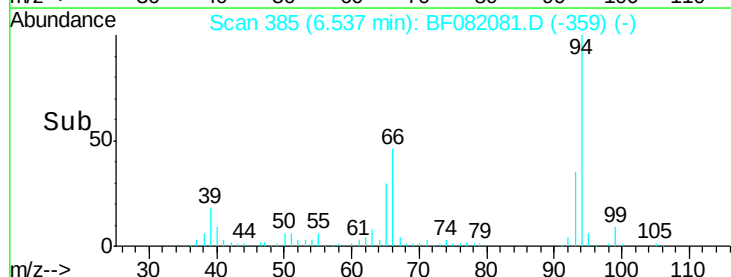
66 45.6 0.8 40.8#

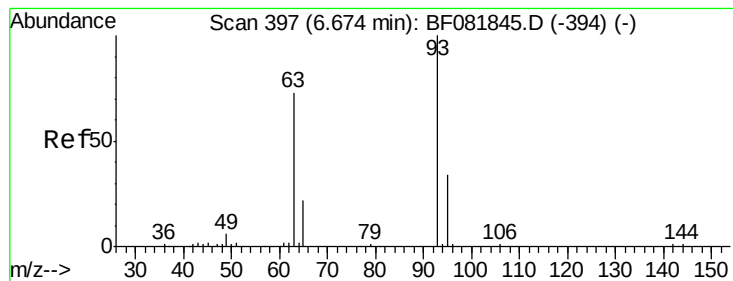


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

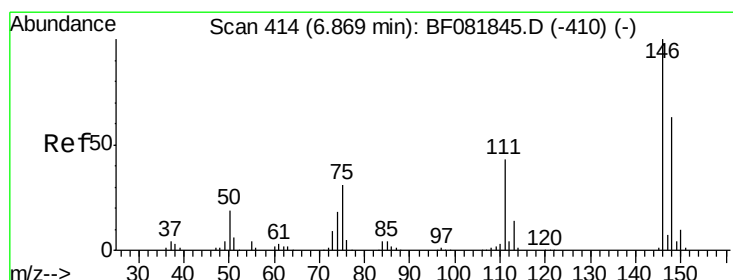
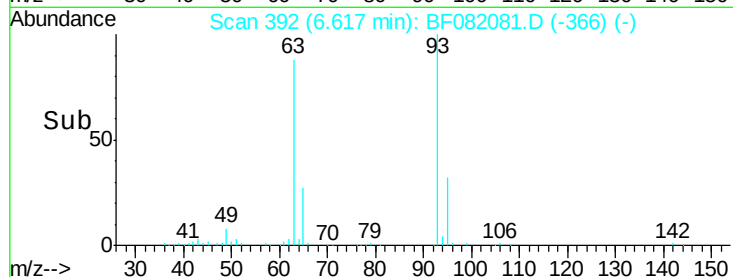
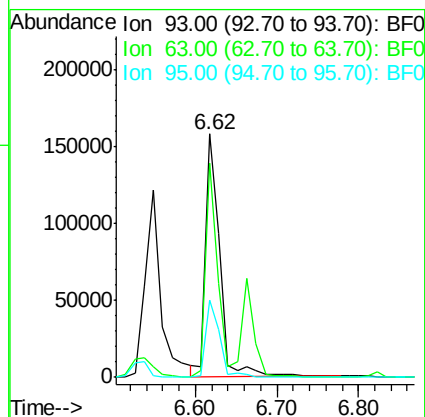
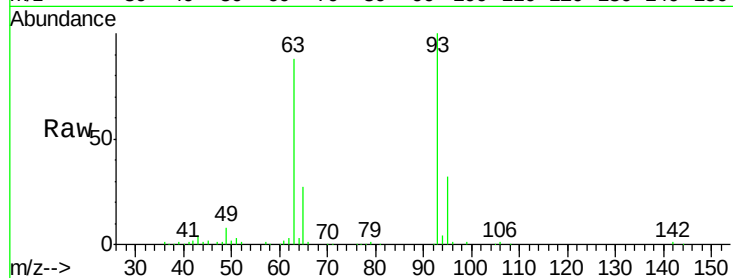




#11
bis(2-Chloroethyl)ether
Concen: 39.32 ng
RT: 6.62 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

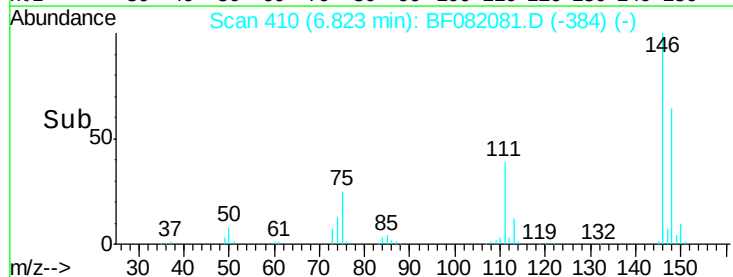
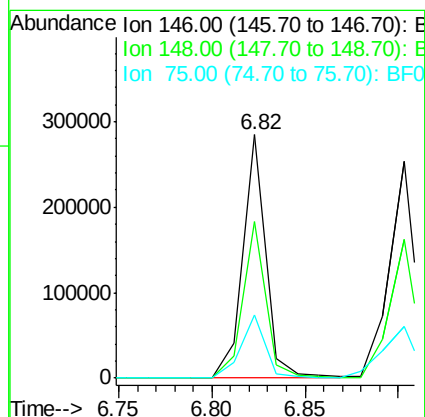
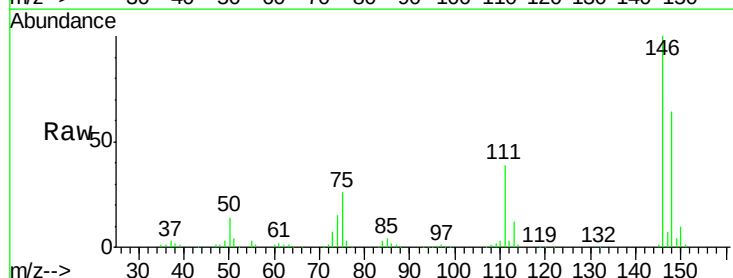
Instrument :
BNA_F
ClientSampleId :
PB85911BS

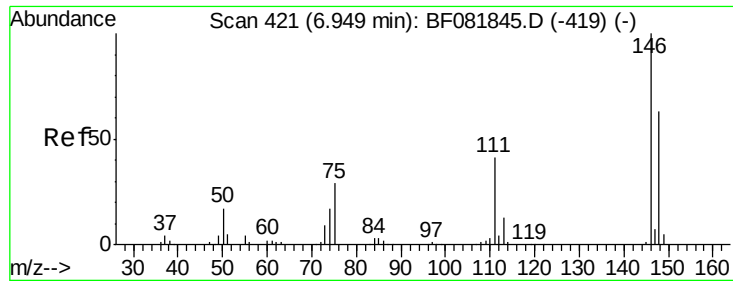
Tot Ion: 93 Resp: 196355
Ion Ratio Lower Upper
93 100
63 87.9 65.6 105.6
95 31.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 41.45 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion: 146 Resp: 246657
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
75 25.8 15.0 22.6#

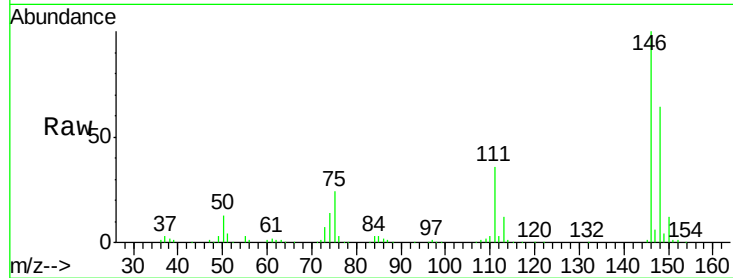




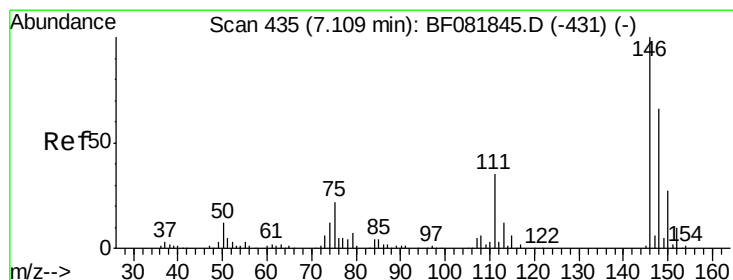
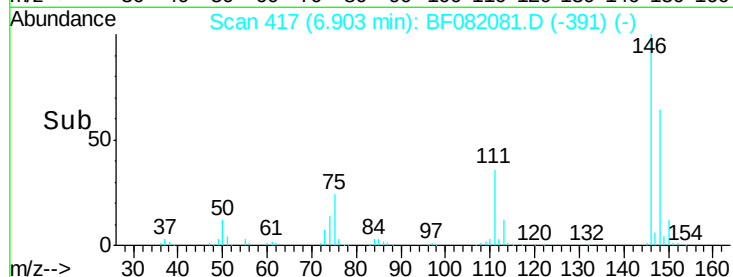
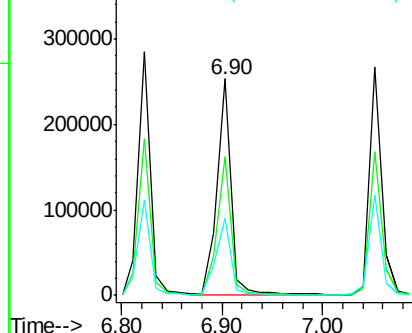
#13
1,4-Dichlorobenzene
Concen: 40.19 ng
RT: 6.90 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Instrument :
BNA_F
ClientSampleId :
PB85911BS

Tot Ion:146 Resp: 249740
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.6
111 35.8 24.9 37.3

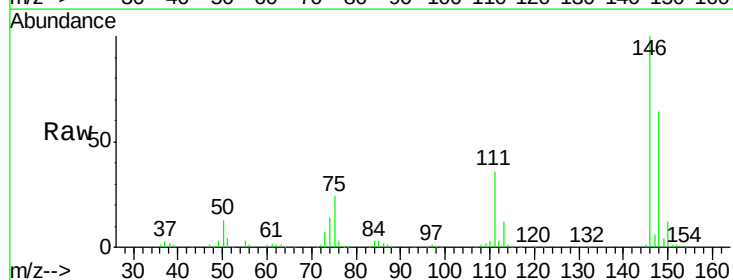


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

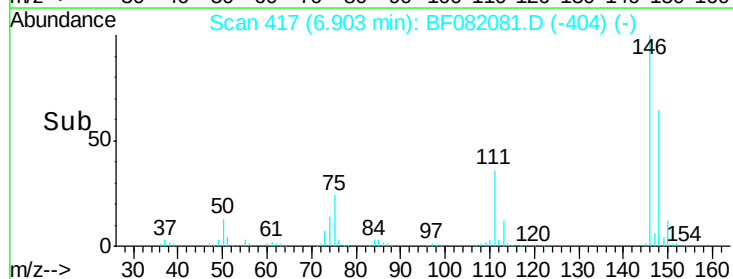
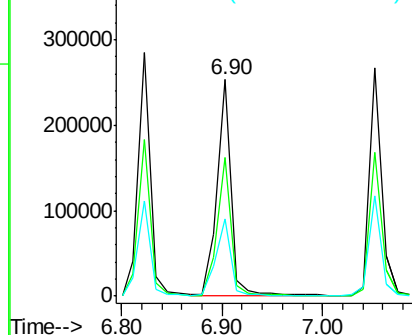


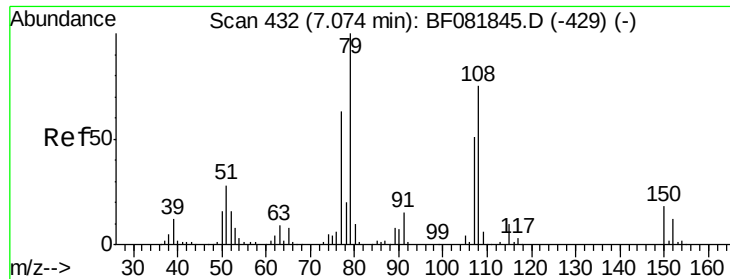
#14
1,2-Dichlorobenzene
Concen: 45.55 ng
RT: 6.90 min Scan# 417
Delta R.T. -0.15 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion:146 Resp: 252222
Ion Ratio Lower Upper
146 100
148 64.4 52.7 79.1
111 35.8 28.8 43.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

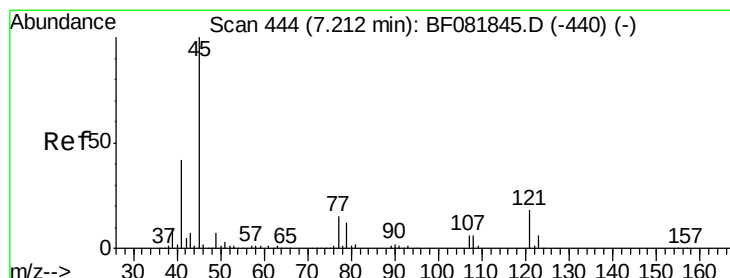
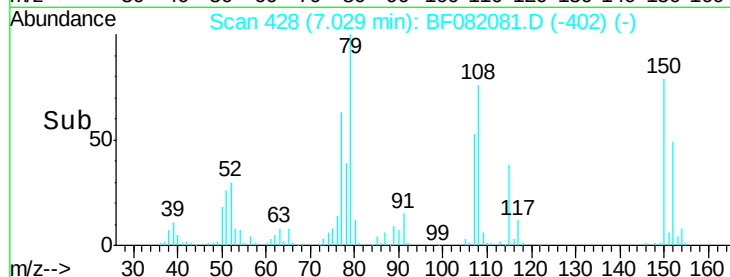
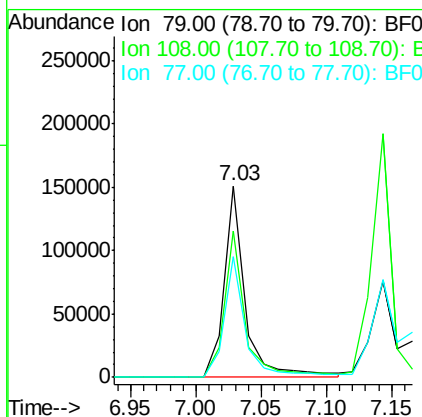
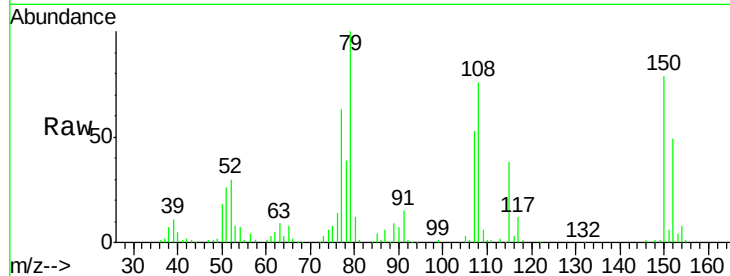




#15
Benzyl Alcohol
Concen: 41.38 ng
RT: 7.03 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

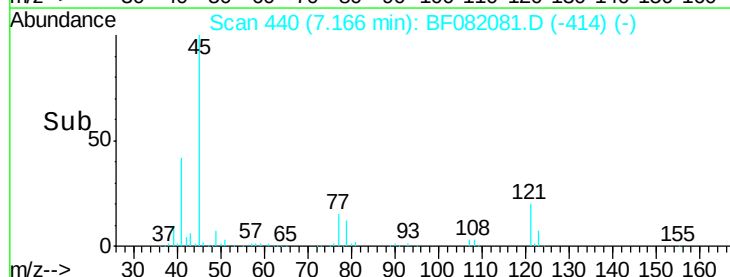
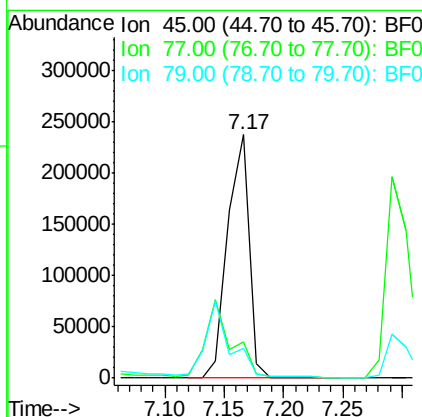
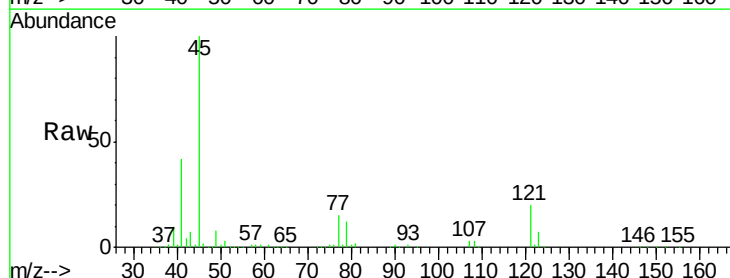
Instrument :
BNA_F
ClientSampleID :
PB85911BS

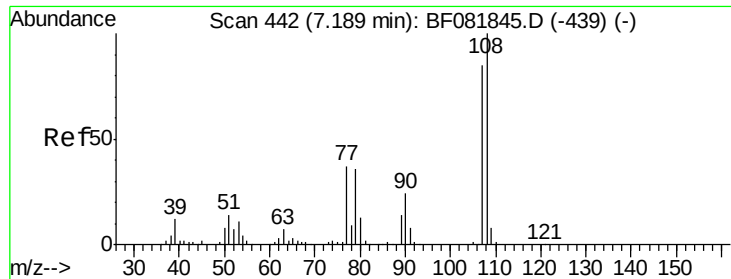
Tot Ion: 79 Resp: 171464
Ion Ratio Lower Upper
79 100
108 76.3 88.6 132.8#
77 63.2 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.27 ng
RT: 7.17 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion: 45 Resp: 298384
Ion Ratio Lower Upper
45 100
77 14.9 0.0 28.1
79 12.3 0.0 26.0





#17

2-Methylphenol

Concen: 43.44 ng

RT: 7.14 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

Tot Ion:107 Resp: 177427

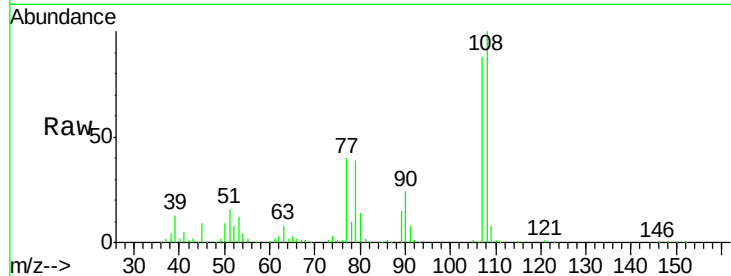
Ion Ratio Lower Upper

107 100

108 114.1 96.6 145.0

77 45.6 23.3 34.9#

79 45.0 22.0 33.0#

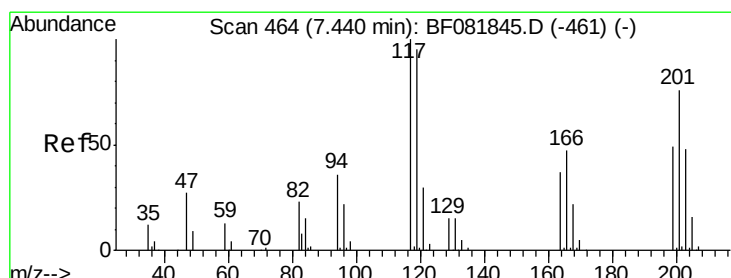
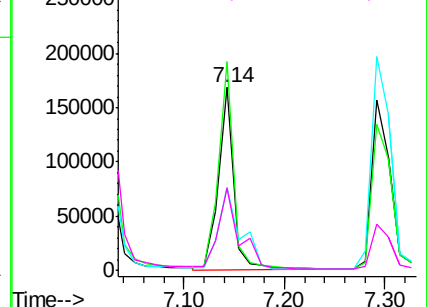
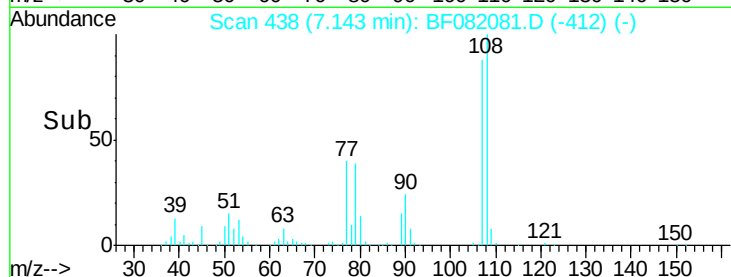


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.48 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

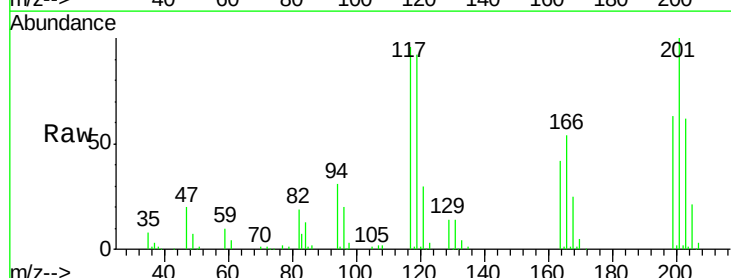
Tgt Ion:117 Resp: 84576

Ion Ratio Lower Upper

117 100

119 96.1 83.8 125.6

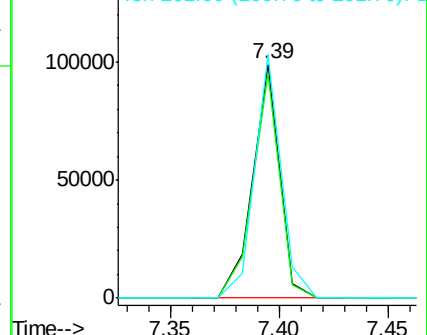
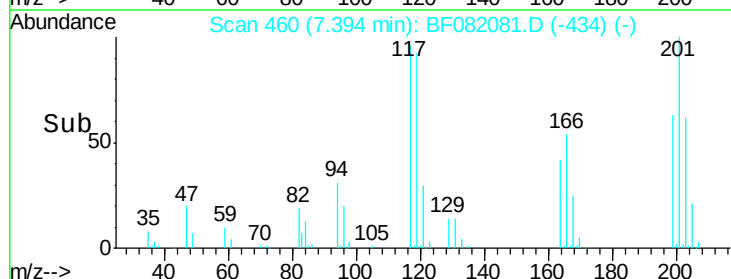
201 104.2 55.1 82.7#

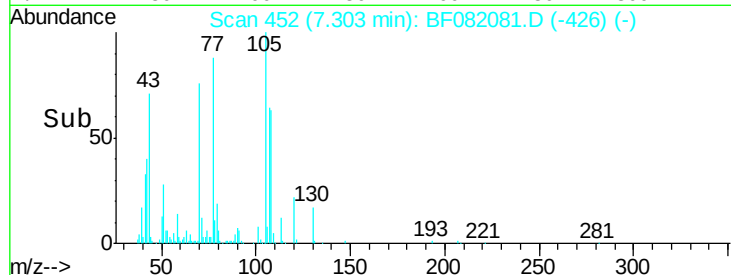
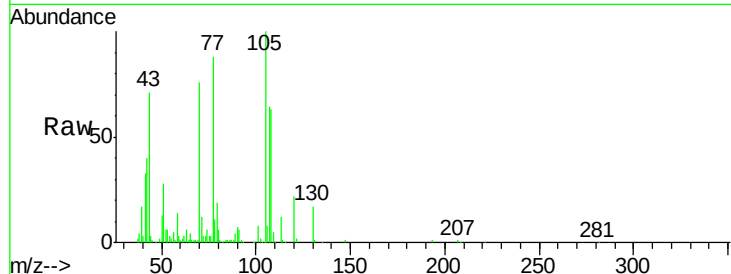
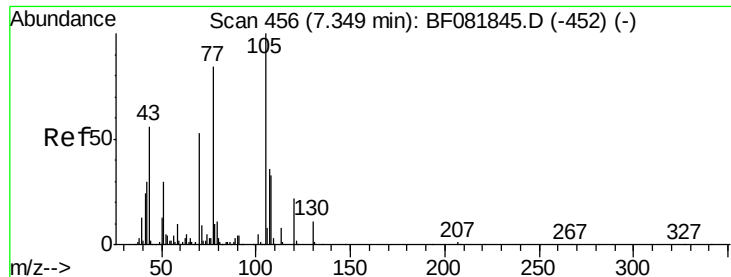


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

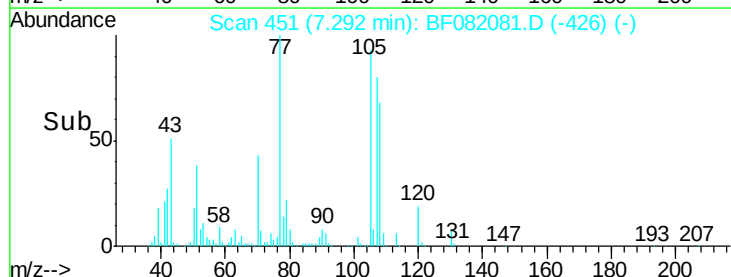
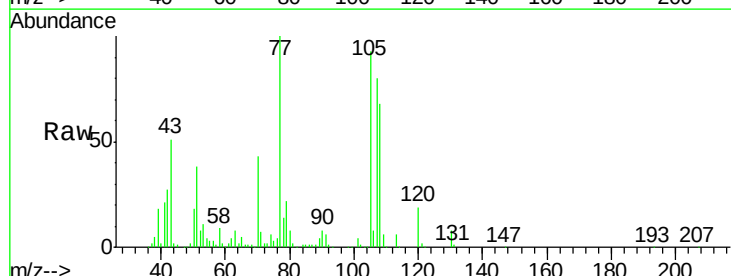
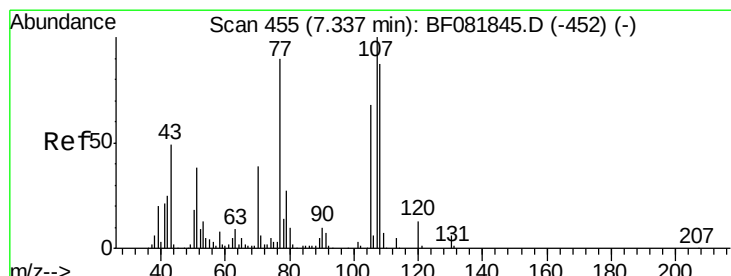
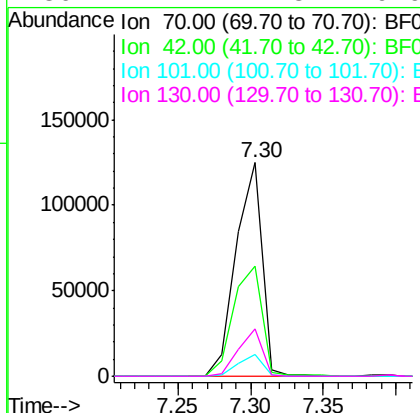




#19
n-Nitroso-di-n-propylamine
Concen: 44.75 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

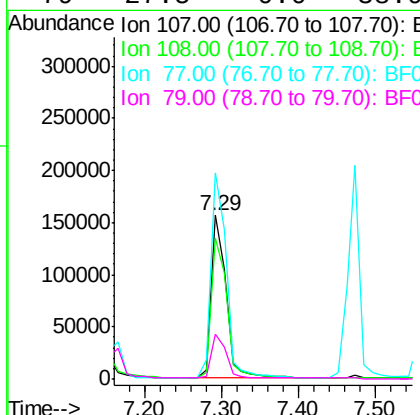
Instrument :
BNA_F
ClientSampleId :
PB85911BS

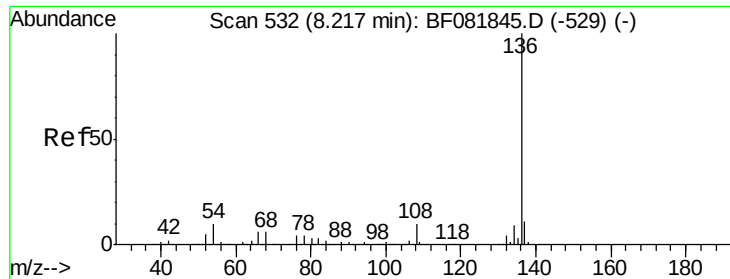
Tot Ion: 70 Resp: 156134
Ion Ratio Lower Upper
70 100
42 51.7 63.8 95.6#
101 10.1 9.2 13.8
130 22.4 27.3 40.9#



#20
3+4-Methylphenols
Concen: 40.05 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion: 107 Resp: 206617
Ion Ratio Lower Upper
107 100
108 85.9 74.6 114.6
77 125.7 0.7 40.7#
79 27.5 0.0 38.9

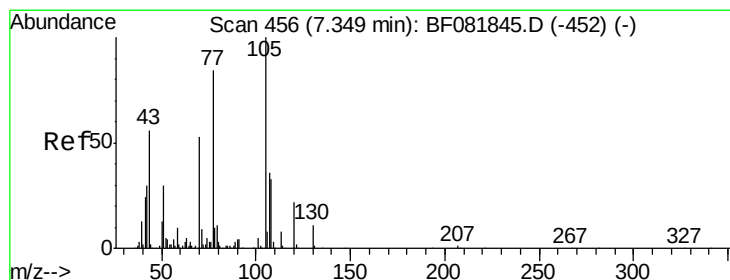
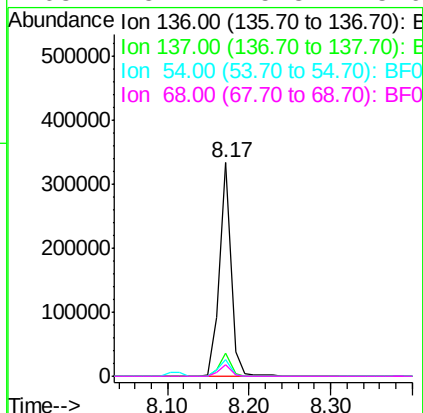
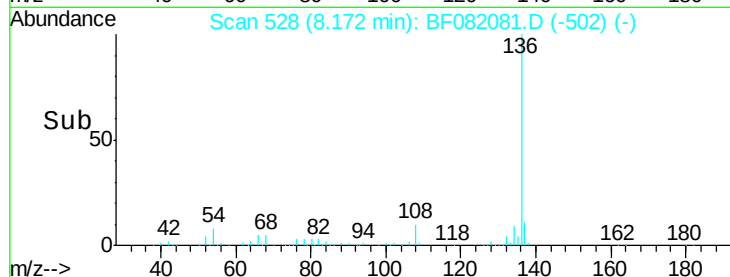
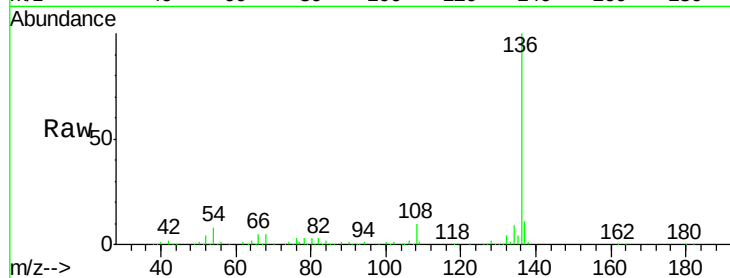




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

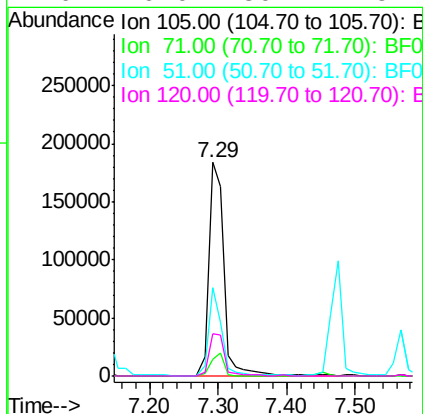
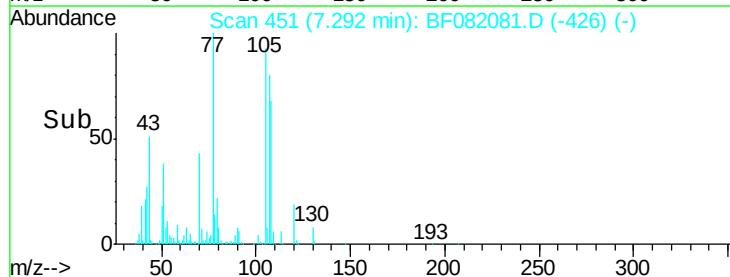
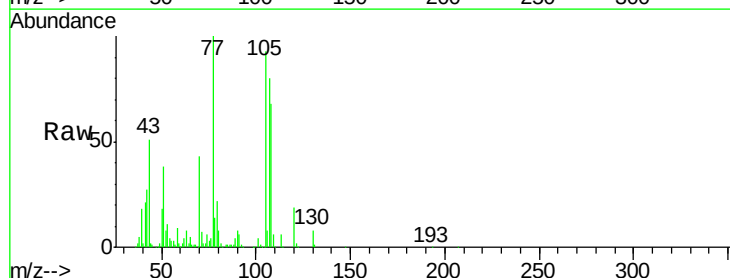
Instrument :
BNA_F
ClientSampleId :
PB85911BS

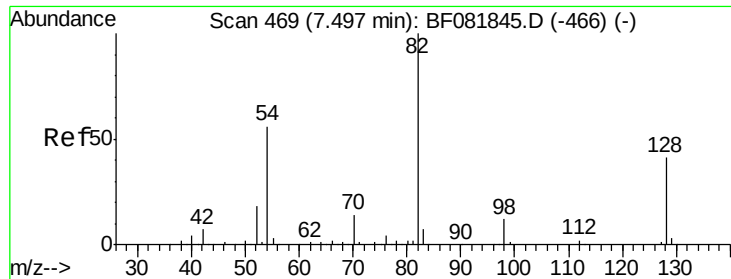
Tot Ion:136	Resp:	326831
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	7.7	8.2 12.2#
68	5.2	5.8 8.6#



#22
Acetophenone
Concen: 42.27 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion:105	Resp:	282475
Ion Ratio	Lower	Upper
105	100	
71	7.7	4.7 7.1#
51	41.3	22.0 33.0#
120	20.0	30.1 45.1#





#23

Nitrobenzene-d5

Concen: 85.11 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

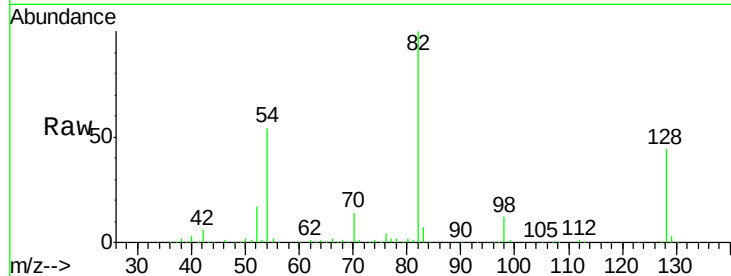
Tot Ion: 82 Resp: 417268

Ion Ratio Lower Upper

82 100

128 43.5 51.0 76.6#

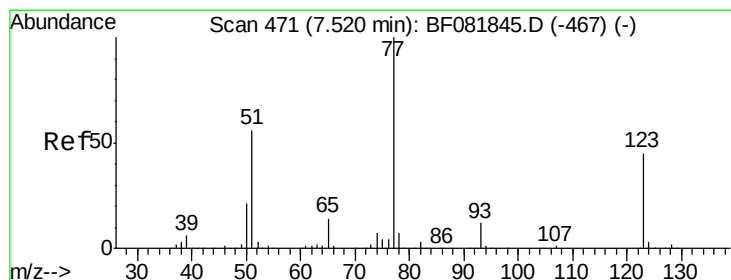
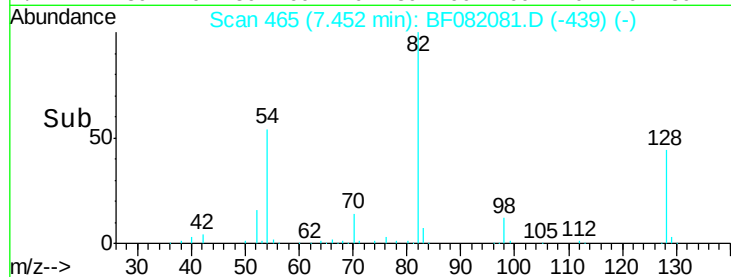
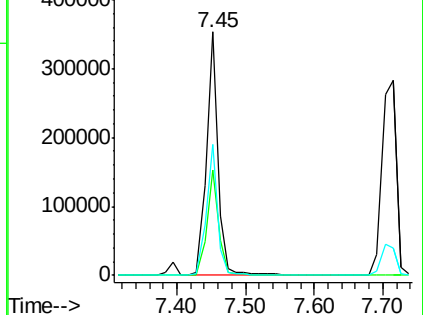
54 53.7 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.63 ng

RT: 7.47 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

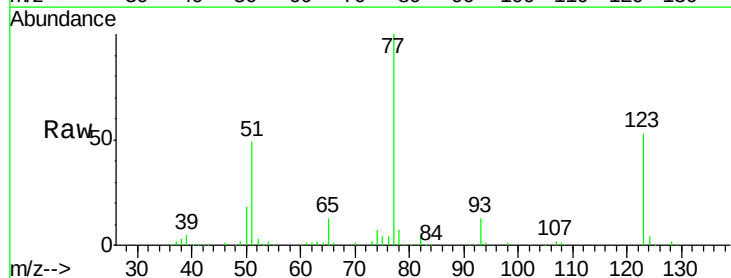
Tgt Ion: 77 Resp: 221647

Ion Ratio Lower Upper

77 100

123 52.6 59.8 89.8#

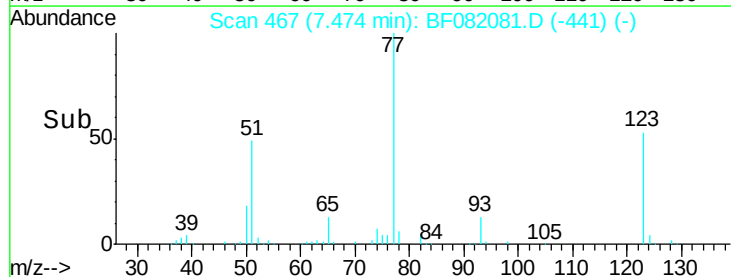
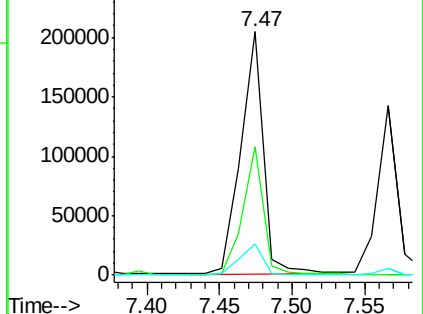
65 12.6 10.2 15.4

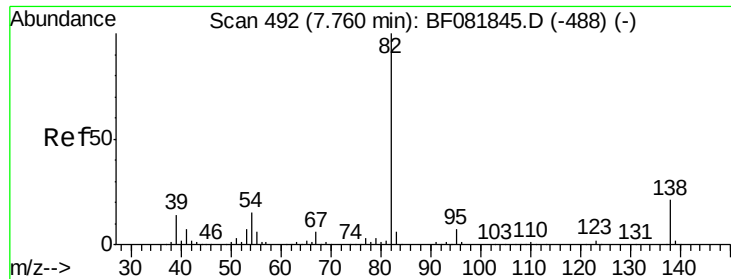


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.46 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

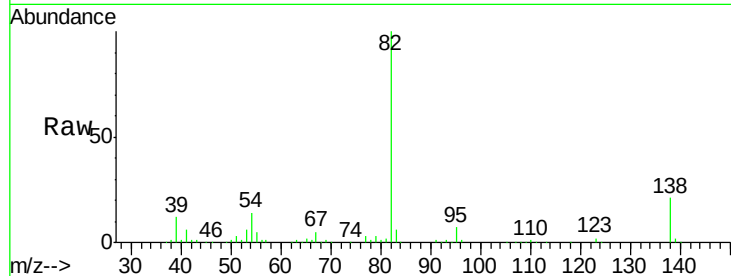
Tot Ion: 82 Resp: 402912

Ion Ratio Lower Upper

82 100

95 7.2 4.0 6.0#

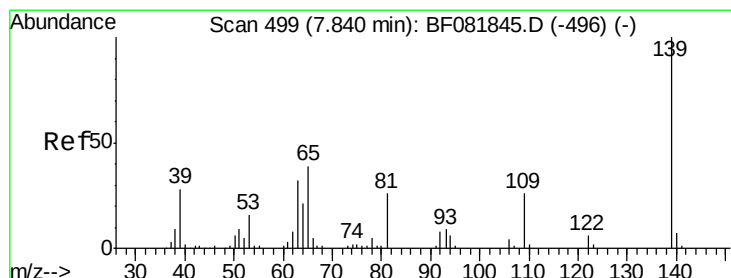
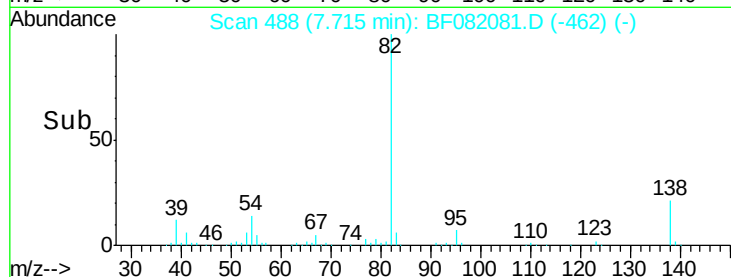
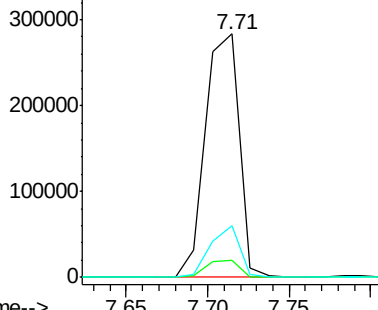
138 21.4 18.3 27.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.14 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

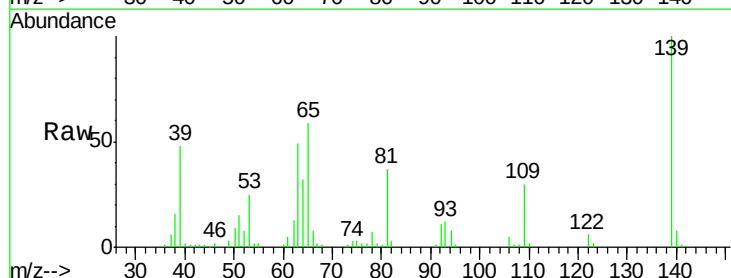
Tgt Ion: 139 Resp: 112807

Ion Ratio Lower Upper

139 100

109 29.5 11.0 16.4#

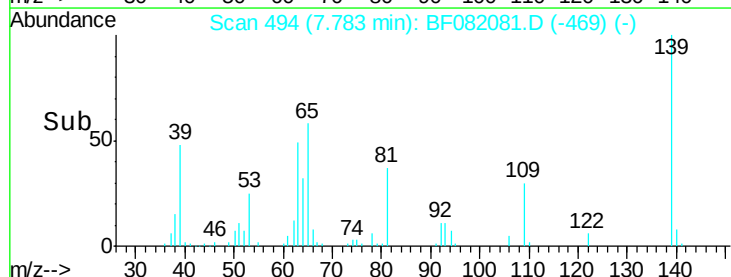
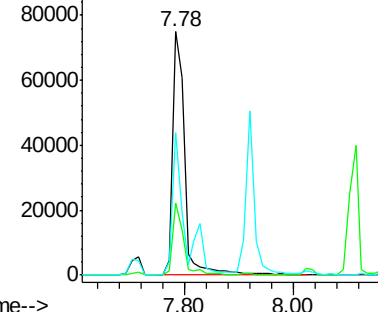
65 58.6 24.7 37.1#

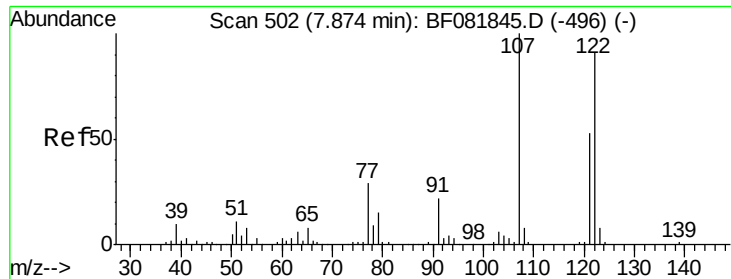


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 45.29 ng

RT: 7.83 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

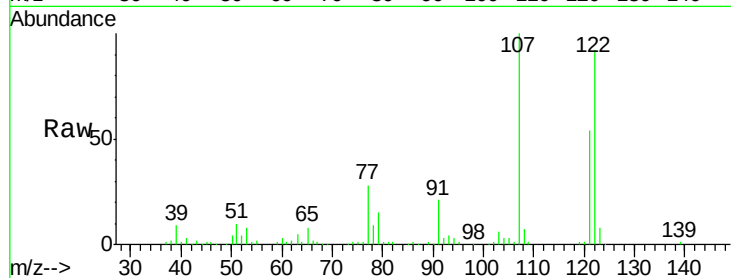
Tot Ion:122 Resp: 203626

Ion Ratio Lower Upper

122 100

107 109.3 71.8 107.6#

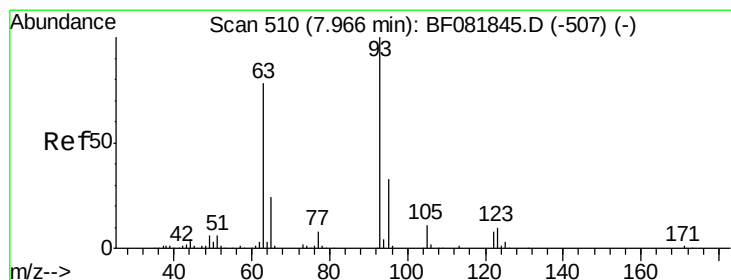
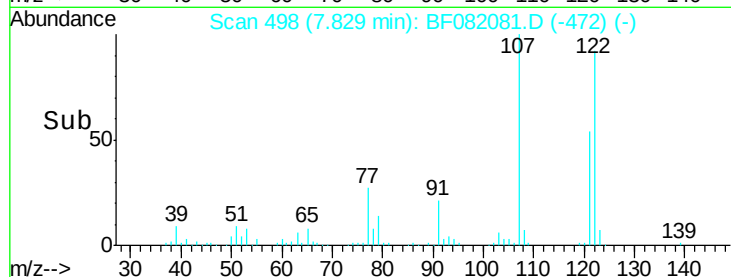
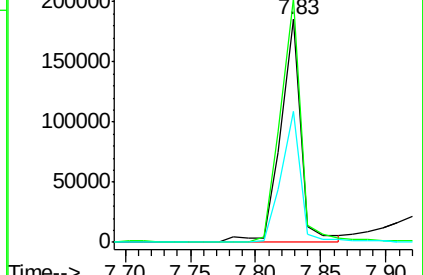
121 59.0 42.3 63.5



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: 41.73 ng

RT: 7.92 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

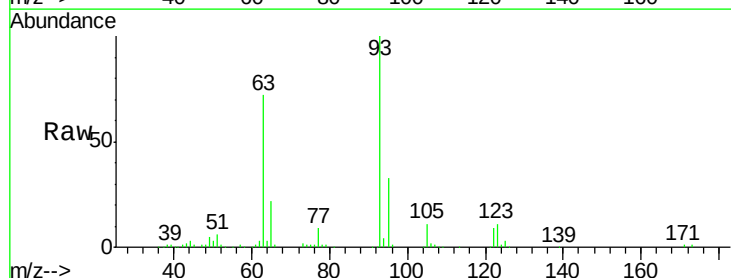
Tgt Ion: 93 Resp: 240797

Ion Ratio Lower Upper

93 100

95 32.6 27.5 41.3

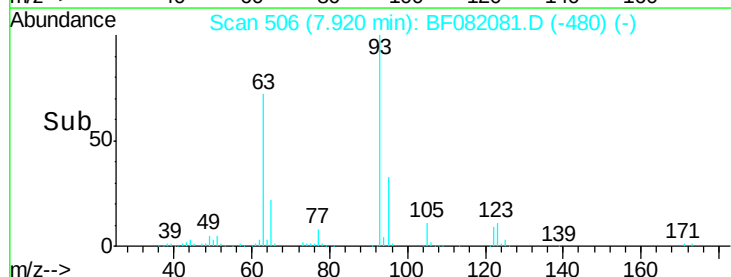
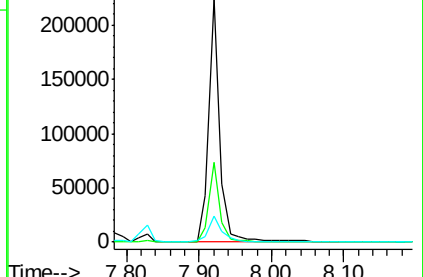
123 10.8 13.7 20.5#

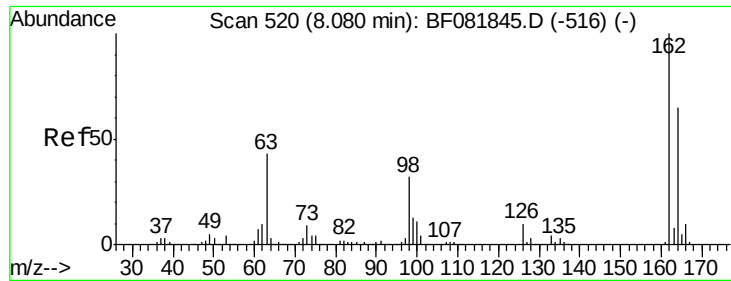


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

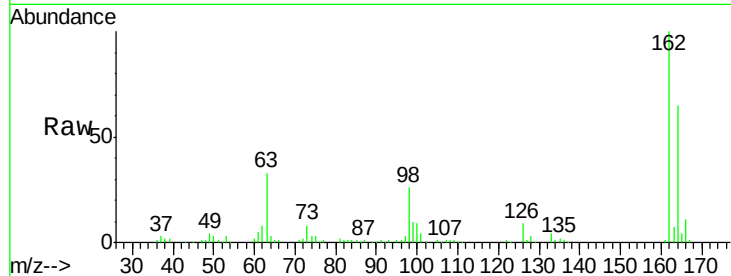




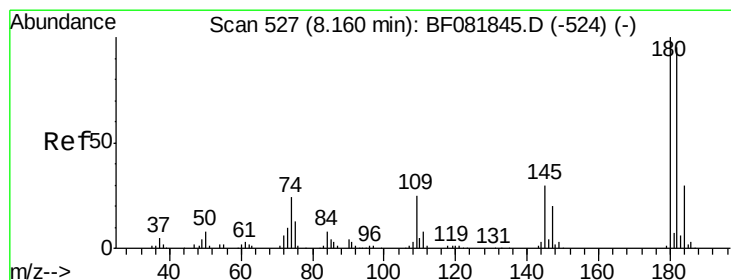
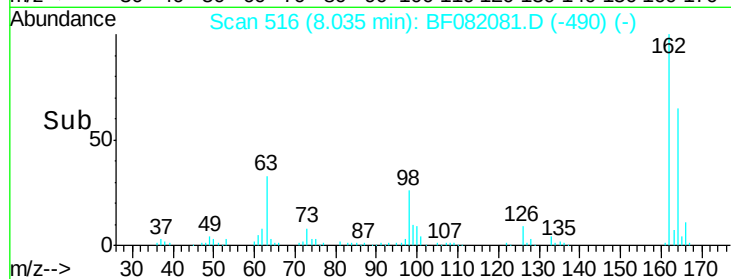
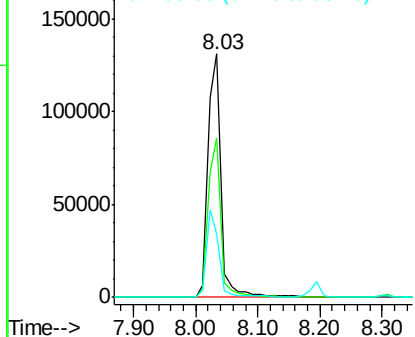
#29
 2,4-Dichlorophenol
 Concen: 43.95 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB85911BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.9	84.9
98	25.9	13.0	53.0

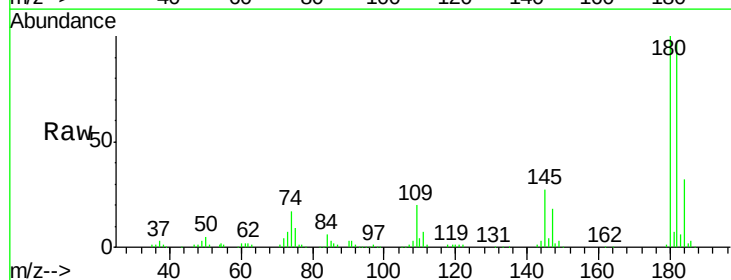


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

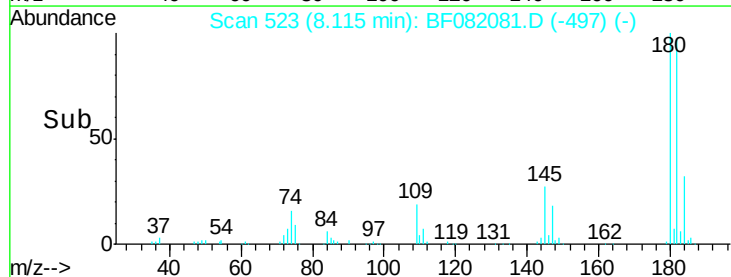
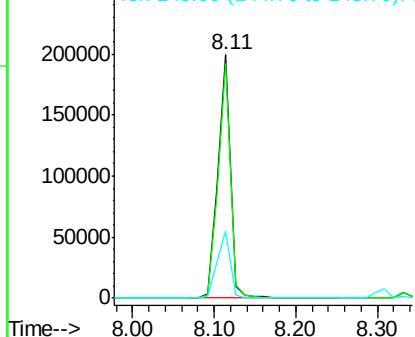


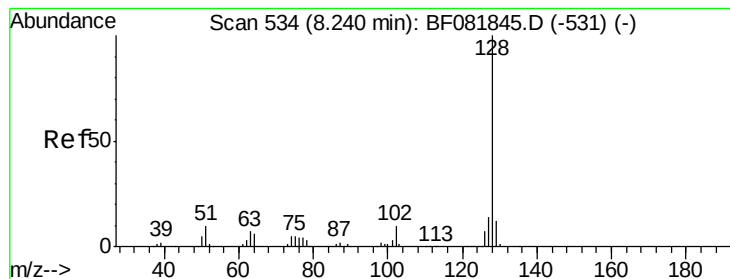
#30
 1,2,4-Trichlorobenzene
 Concen: 43.37 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.1	115.7
145	27.3	23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.01 ng

RT: 8.19 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

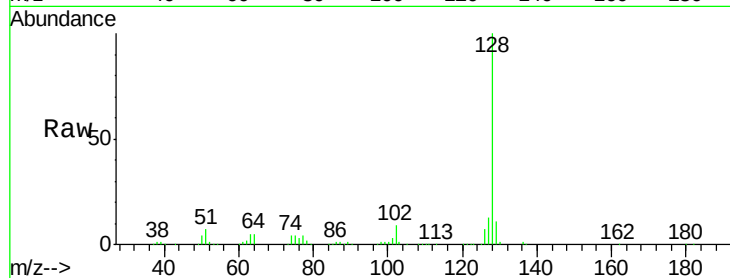
Tot Ion:128 Resp: 637398

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

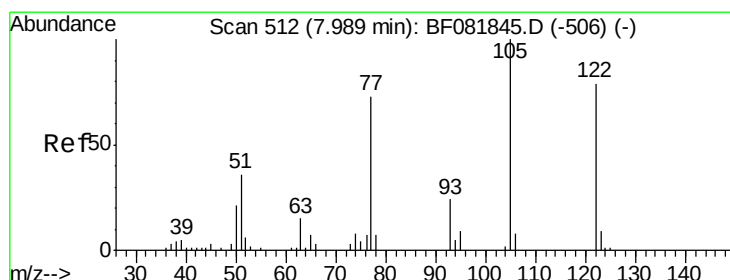
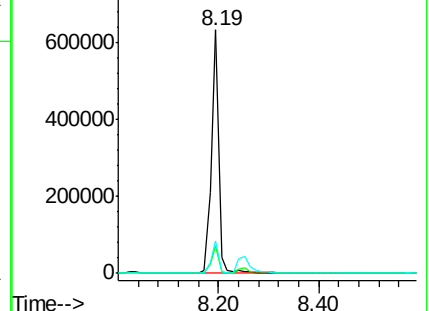
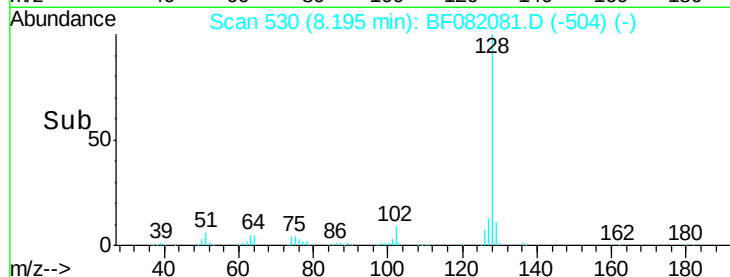
127 13.5 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.82 ng

RT: 7.94 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

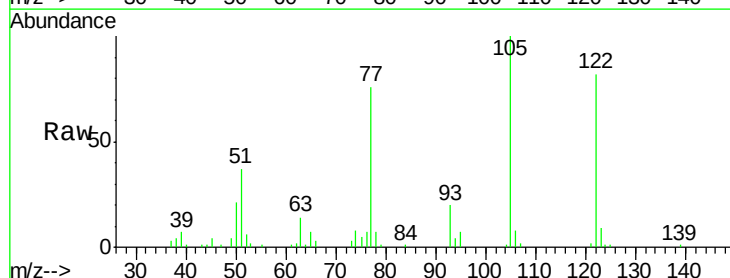
Tgt Ion:122 Resp: 106279

Ion Ratio Lower Upper

122 100

105 121.5 76.1 116.1#

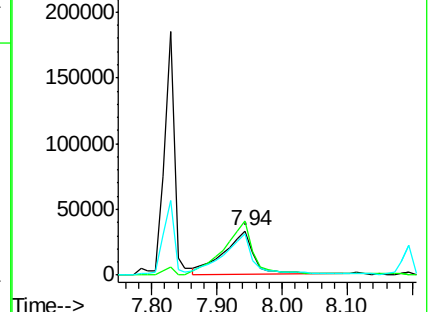
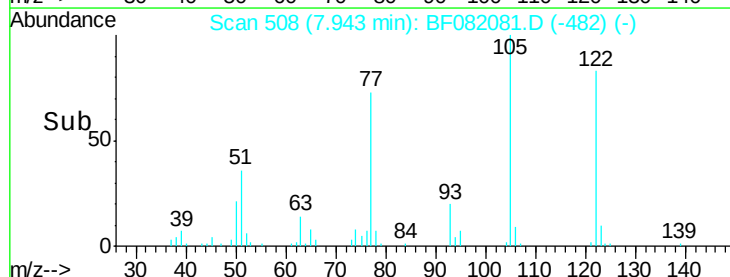
77 92.6 40.5 80.5#

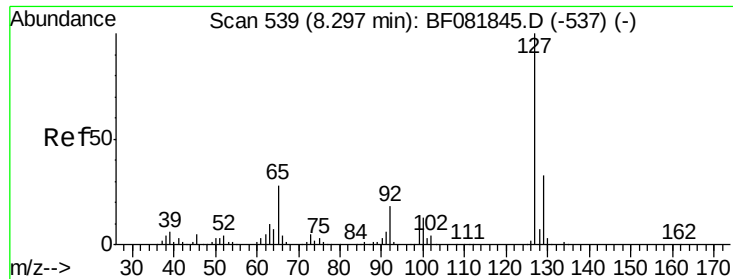


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

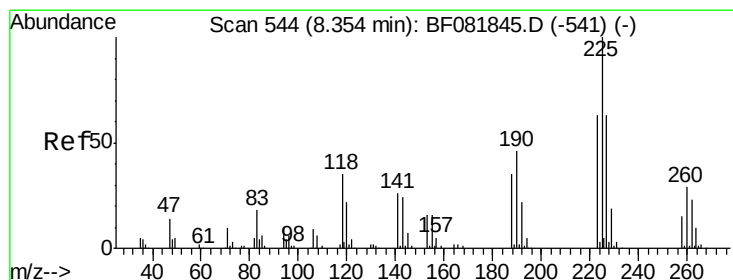
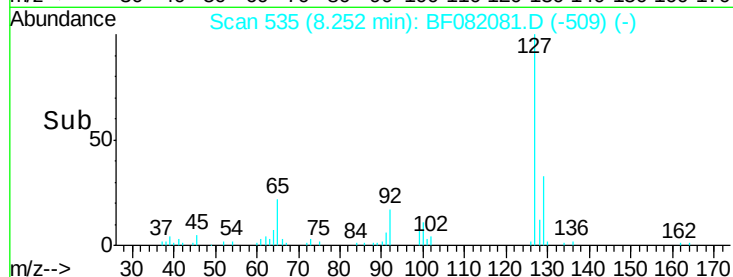
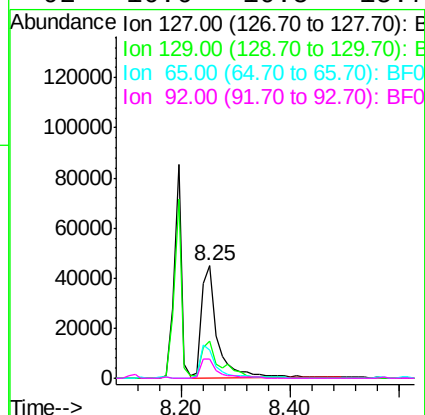
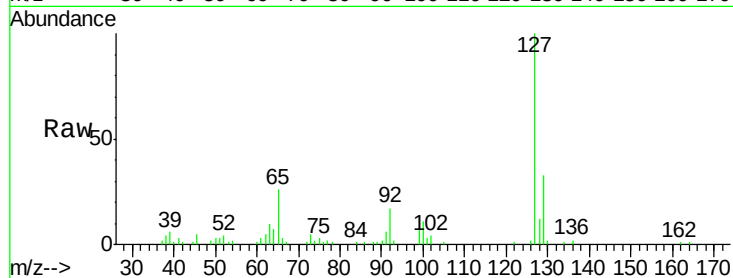




#33
4-Chloroaniline
Concen: 14.51 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

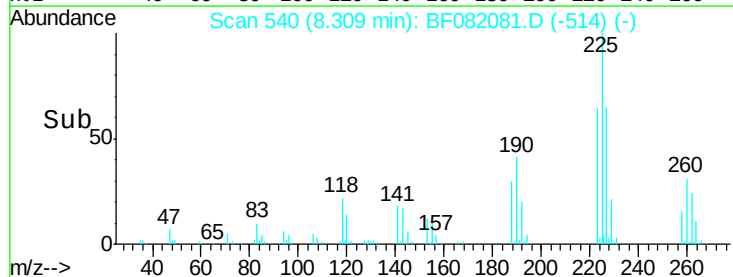
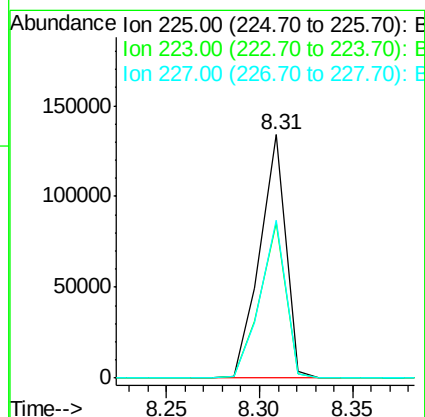
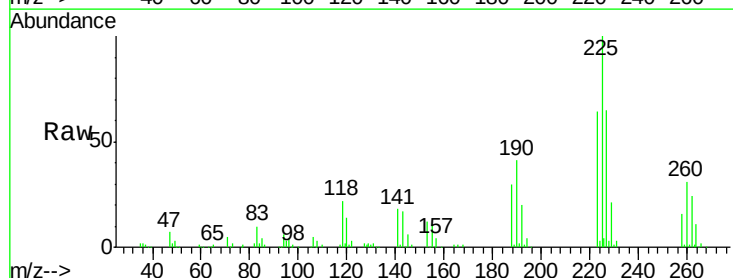
Instrument :
BNA_F
ClientSampleId :
PB85911BS

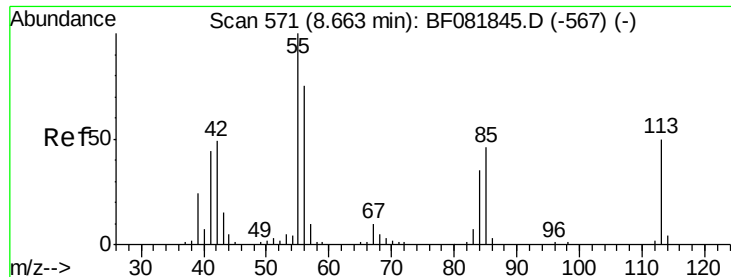
Tot Ion:	127	Resp:	90876
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	25.6	17.9	26.9
92	16.6	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 45.02 ng
RT: 8.31 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion:	225	Resp:	129571
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.2	75.2
227	64.9	52.2	78.2

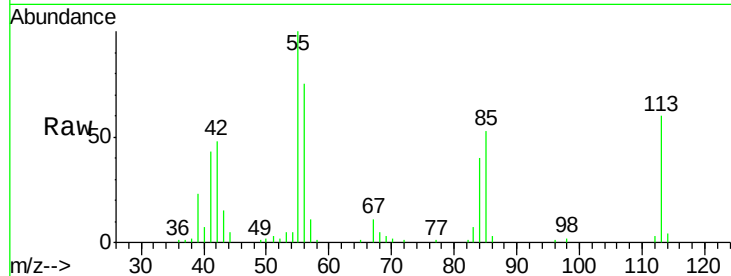




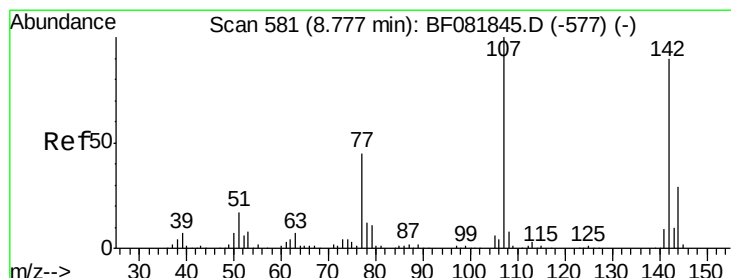
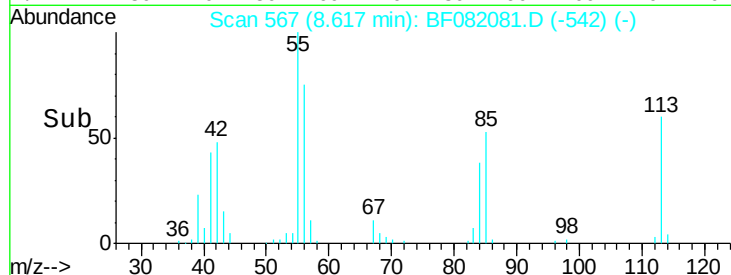
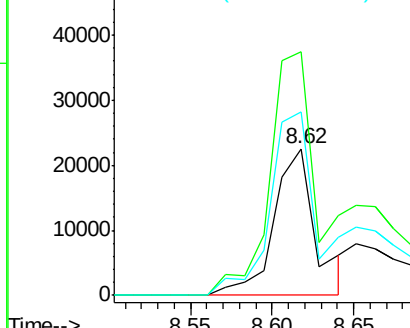
#35
 Caprolactam
 Concen: 33.22 ng
 RT: 8.62 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Instrument :
 BNA_F
 ClientSampleID :
 PB85911BS

Tot Ion:113 Resp: 40089
 Ion Ratio Lower Upper
 113 100
 55 166.1 152.4 192.4
 56 125.1 104.6 144.6

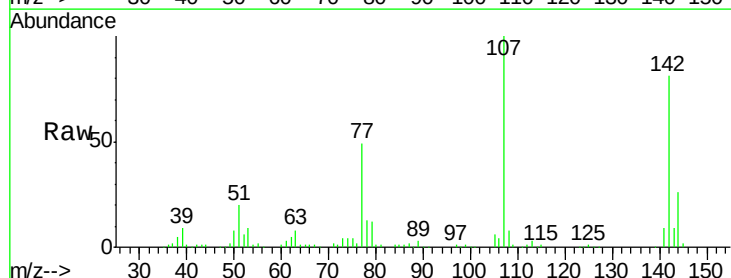


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

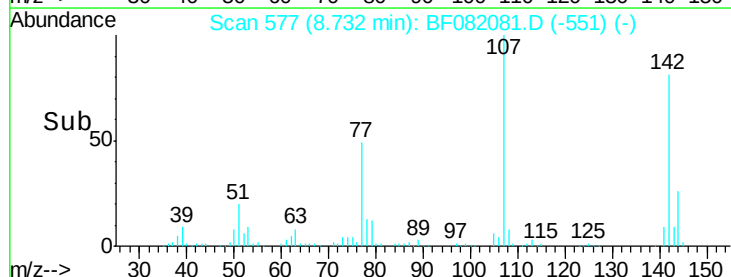
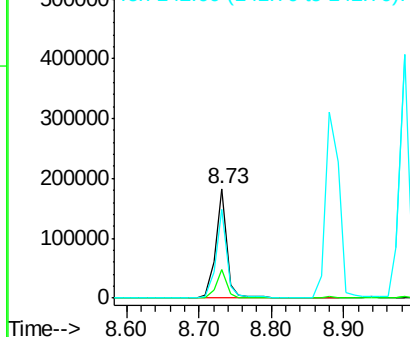


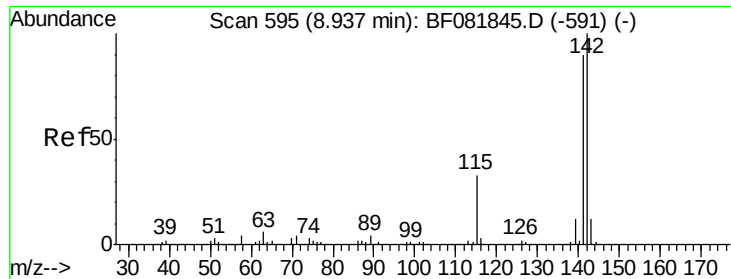
#36
 4-Chloro-3-methylphenol
 Concen: 47.32 ng
 RT: 8.73 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Tgt Ion:107 Resp: 201693
 Ion Ratio Lower Upper
 107 100
 144 25.9 25.4 38.0
 142 81.0 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

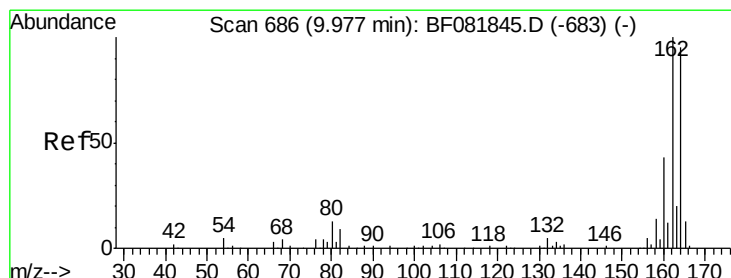
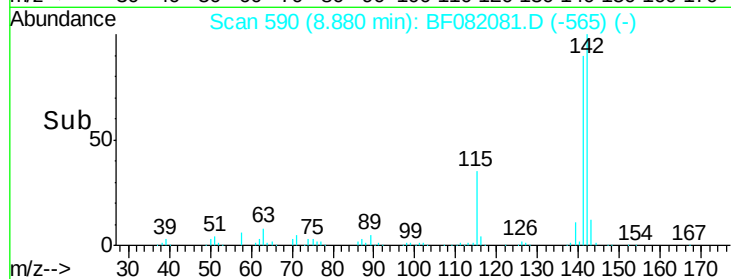
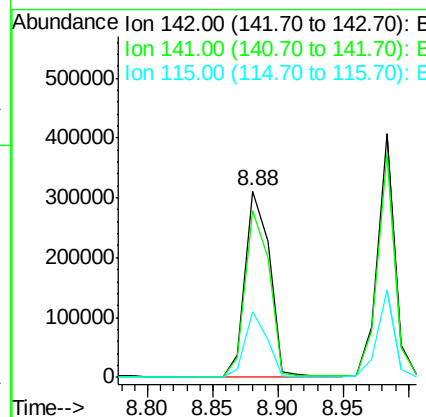
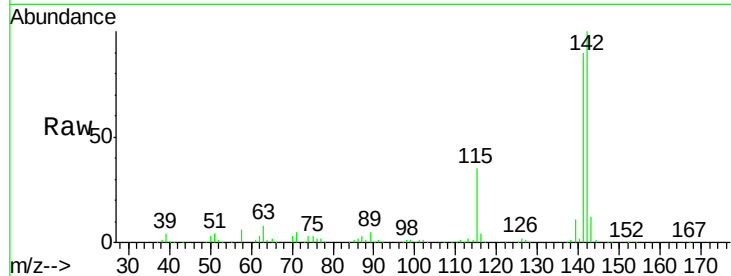




#37
2-Methylnaphthalene
Concen: 41.26 ng
RT: 8.88 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

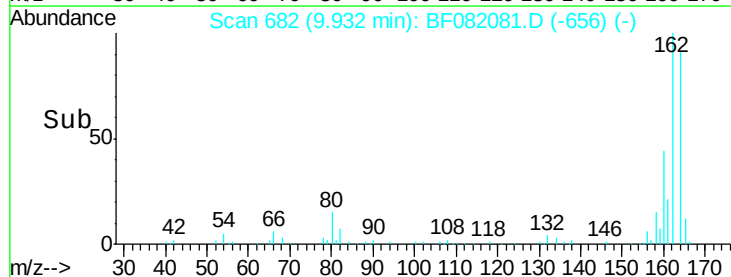
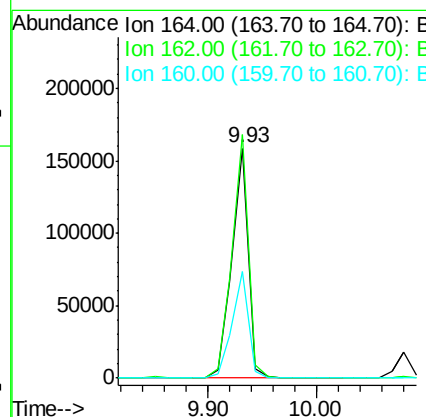
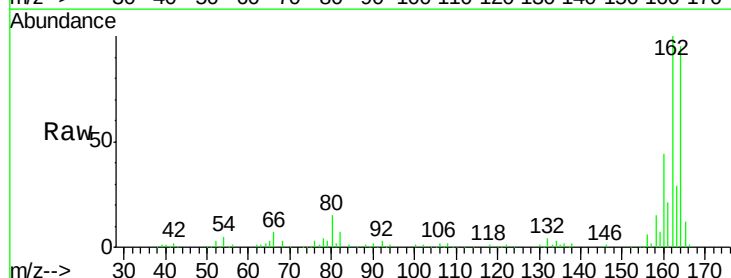
Instrument :
BNA_F
ClientSampleId :
PB85911BS

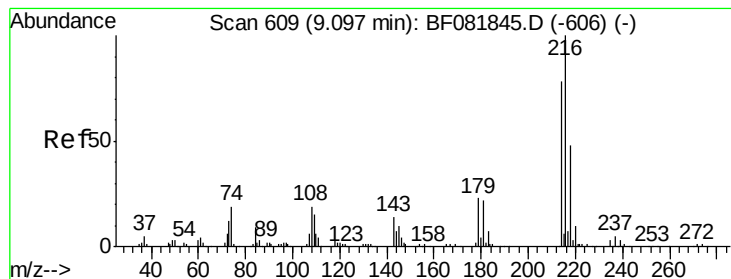
Tot Ion:142 Resp: 407913
Ion Ratio Lower Upper
142 100
141 89.6 67.5 101.3
115 35.1 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion:164 Resp: 165013
Ion Ratio Lower Upper
164 100
162 105.8 75.2 112.8
160 46.1 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.53 ng

RT: 9.05 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

Tot Ion:216 Resp: 220533

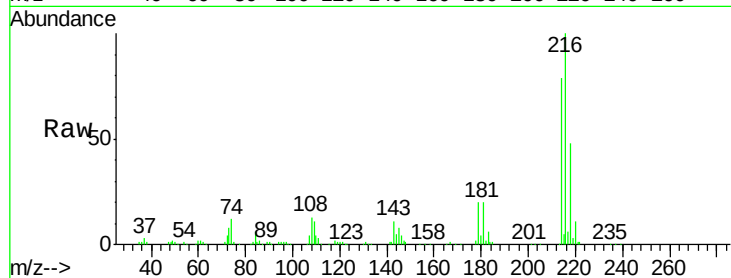
Ion Ratio Lower Upper

216 100

214 78.5 63.5 95.3

179 20.7 16.6 24.8

108 17.9 16.3 24.5

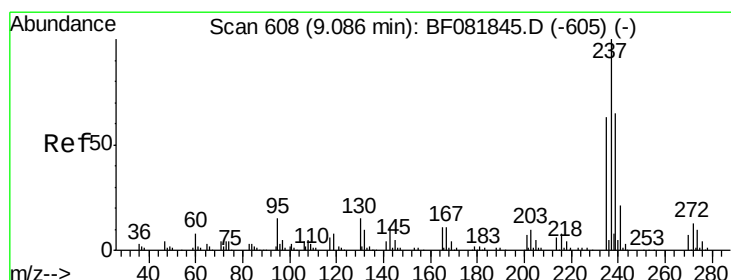
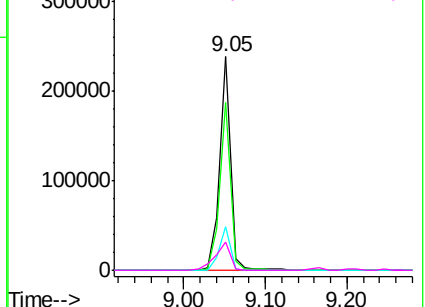
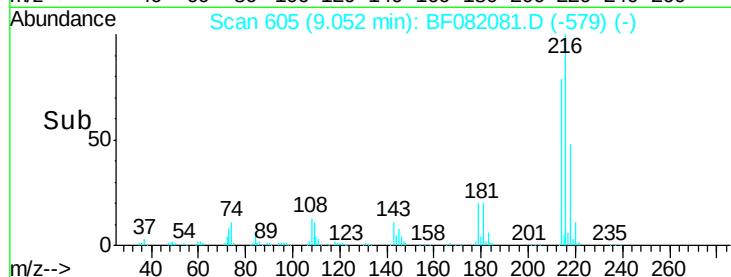


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.39 ng

RT: 9.03 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

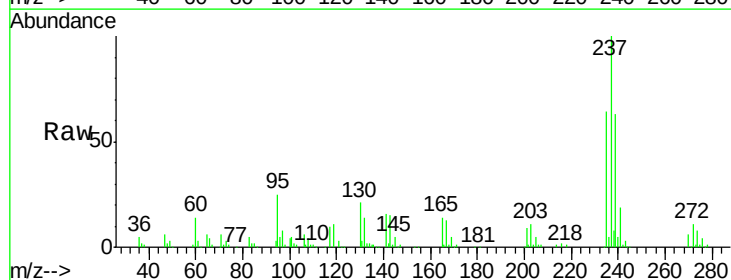
Tgt Ion:237 Resp: 220157

Ion Ratio Lower Upper

237 100

235 64.2 42.0 82.0

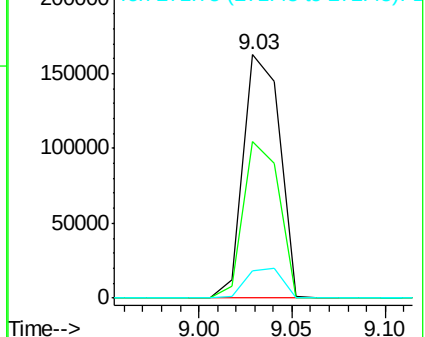
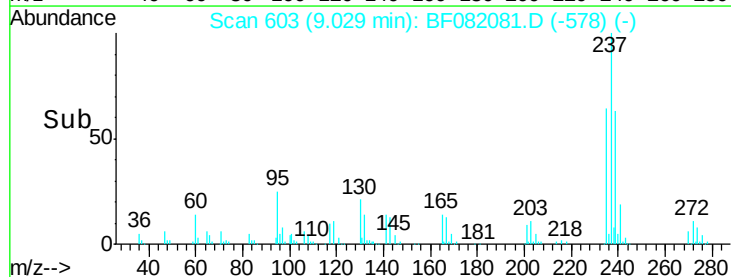
272 11.1 0.0 36.1

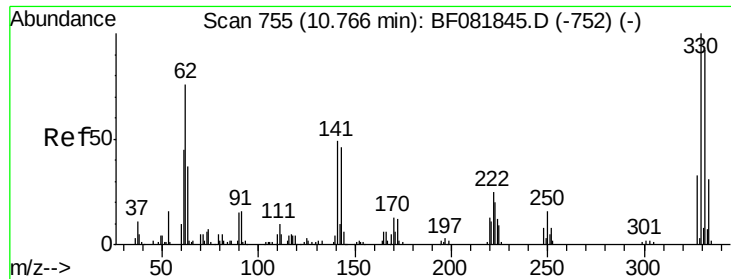


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

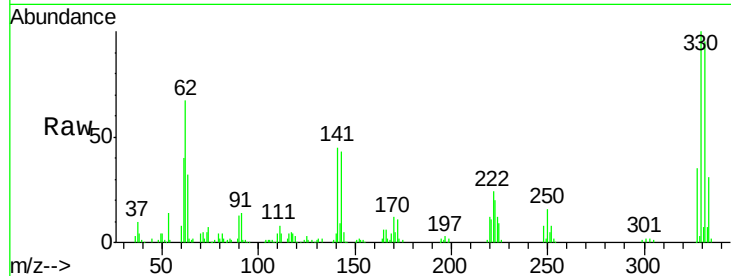




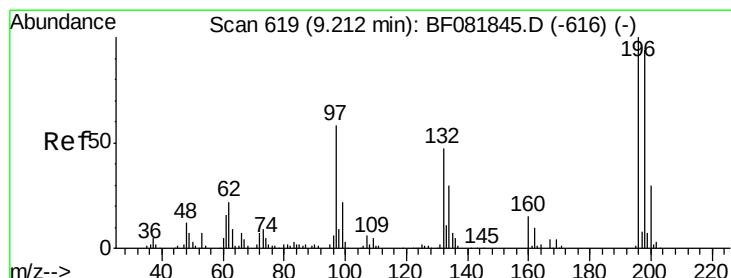
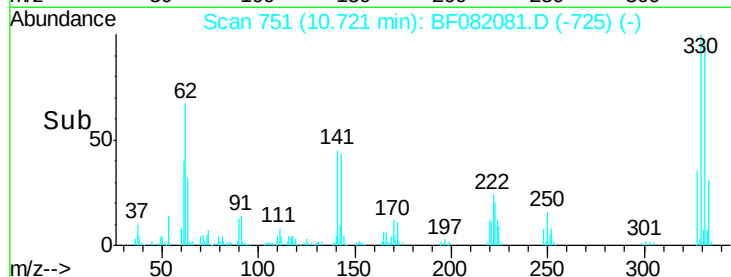
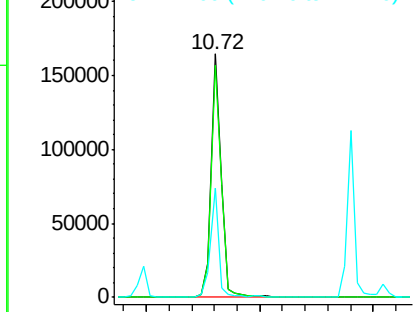
#41
 2,4,6-Tribromophenol
 Concen: 116.47 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB85911BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	36.5	29.7	44.5

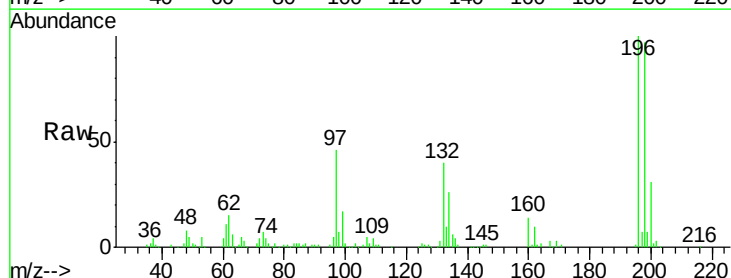


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

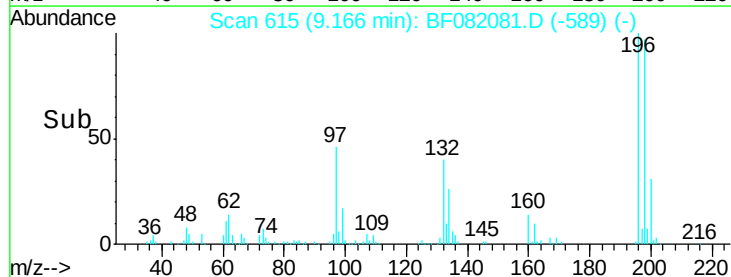
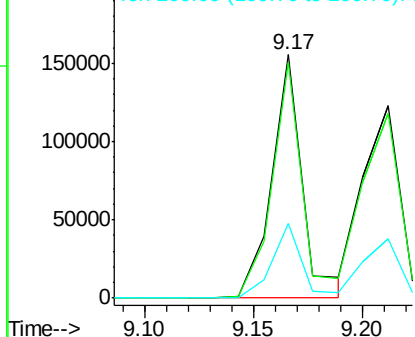


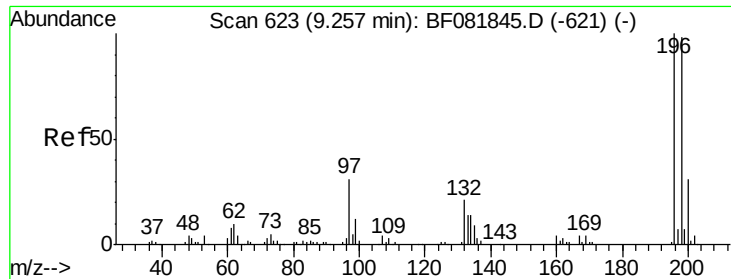
#42
 2,4,6-Trichlorophenol
 Concen: 44.10 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	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

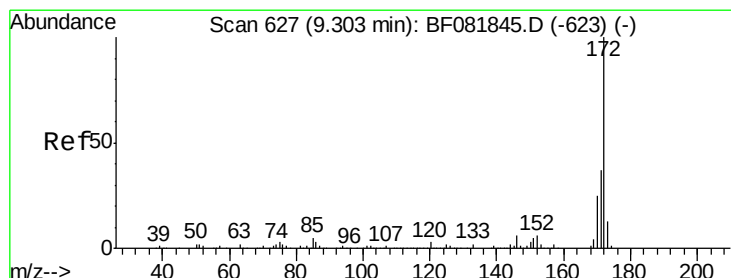
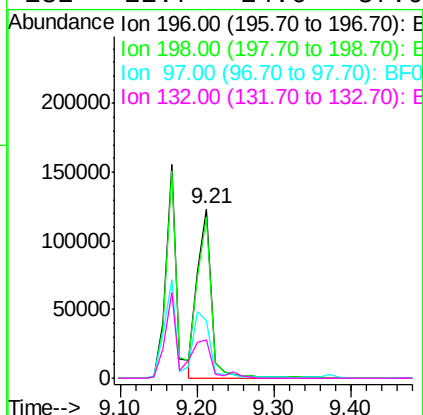
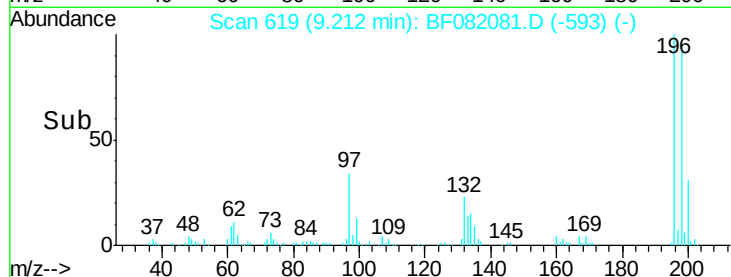
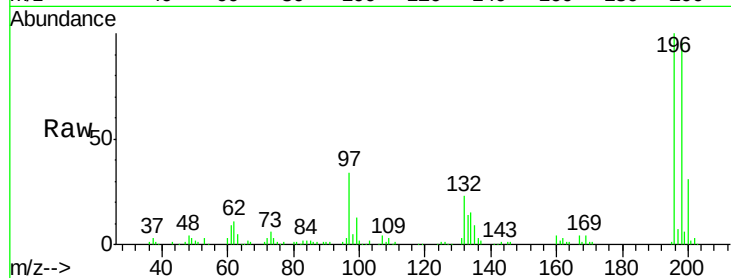




#43
 2,4,5-Trichlorophenol
 Concen: 43.50 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

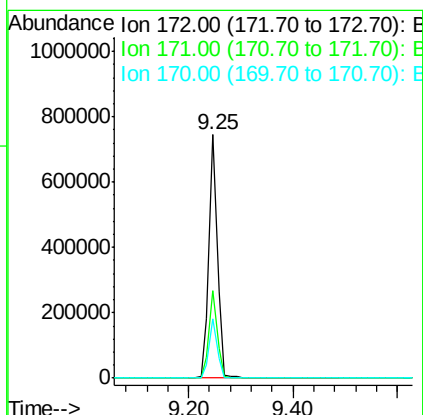
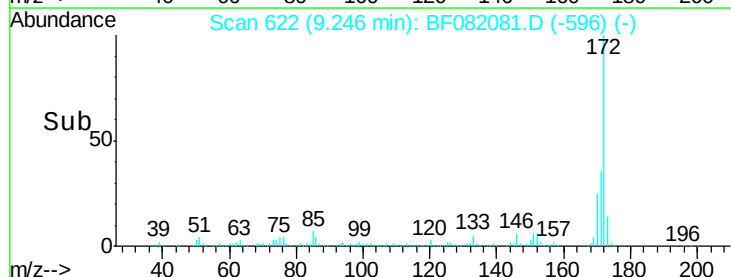
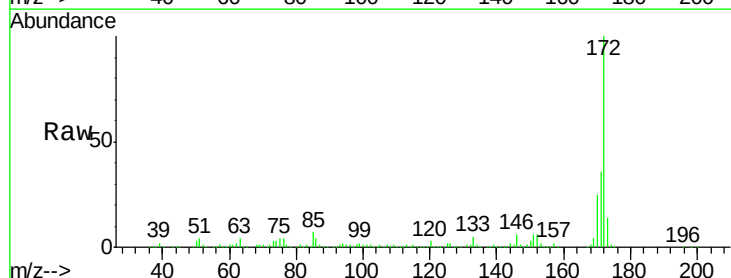
Instrument :
 BNA_F
 ClientSampleId :
 PB85911BS

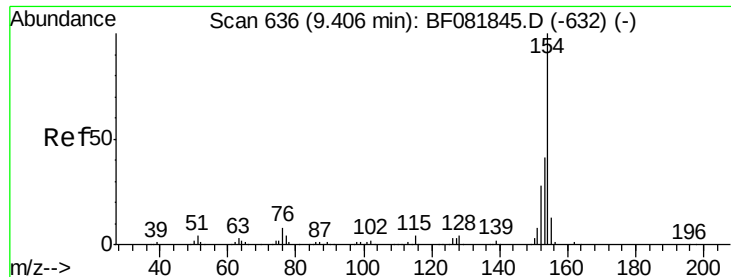
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.4	113.0
97	33.9	33.3	49.9
132	22.7	24.6	37.0



#44
 2-Fluorobiphenyl
 Concen: 85.68 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	26.1	39.1
170	24.6	17.4	26.2





#45

1,1'-Biphenyl

Concen: 42.27 ng

RT: 9.35 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

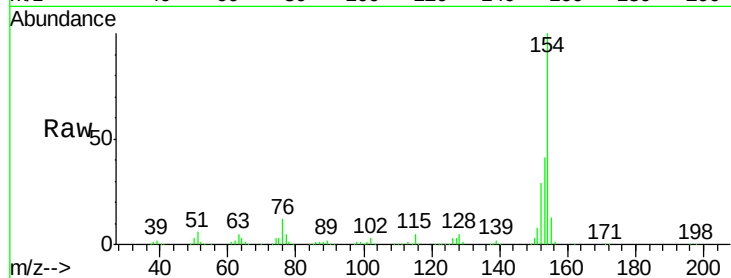
Tot Ion:154 Resp: 538160

Ion Ratio Lower Upper

154 100

153 40.5 17.1 57.1

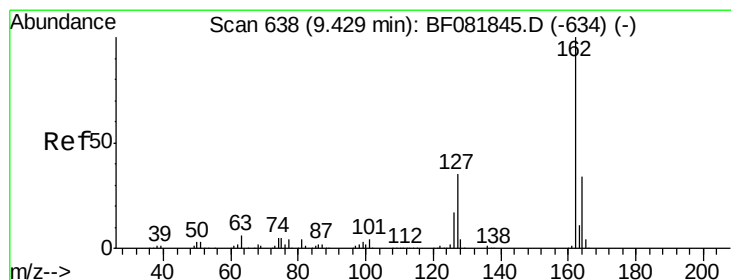
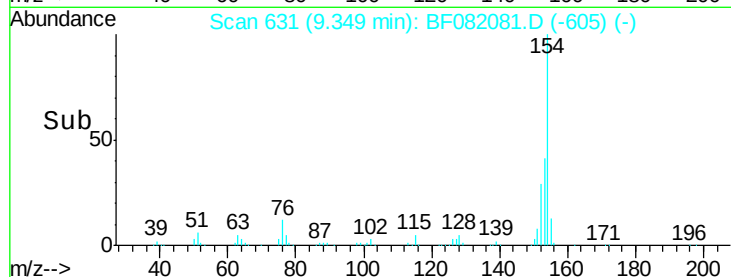
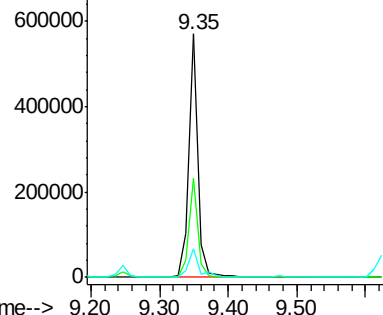
76 11.9 0.0 31.6



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): BF0



#46

2-Chloronaphthalene

Concen: 39.70 ng

RT: 9.37 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

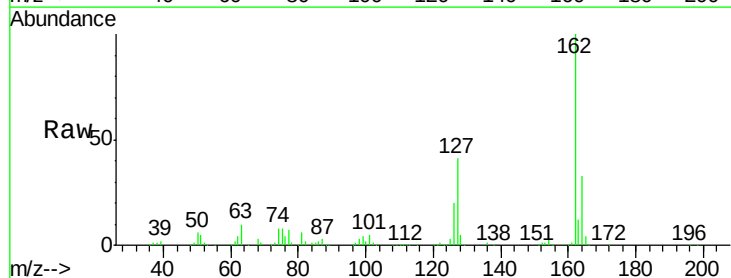
Tgt Ion:162 Resp: 396864

Ion Ratio Lower Upper

162 100

127 41.5 27.6 41.4#

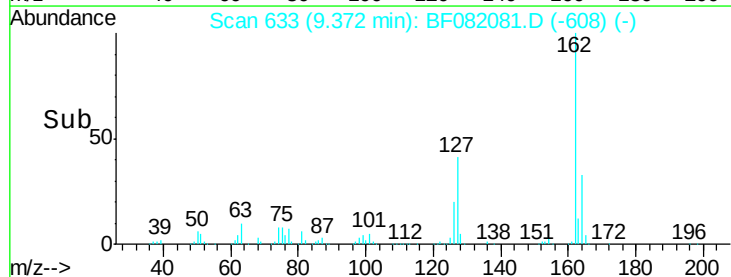
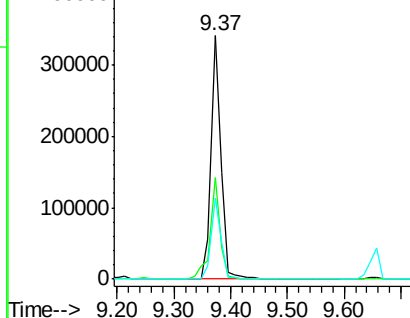
164 33.3 25.4 38.2

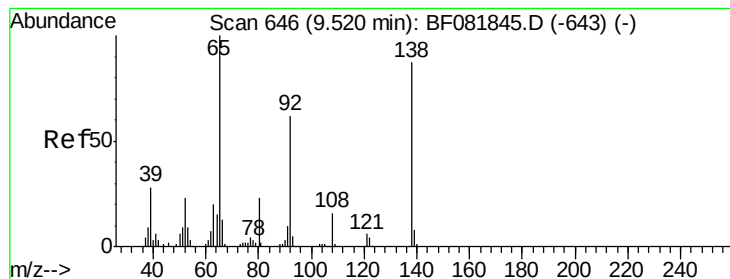


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.05 ng

RT: 9.47 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

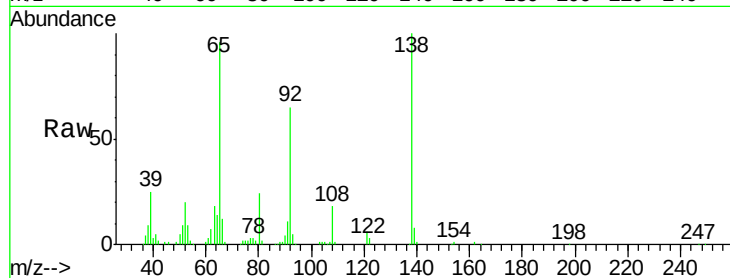
Tot Ion: 65 Resp: 123386

Ion Ratio Lower Upper

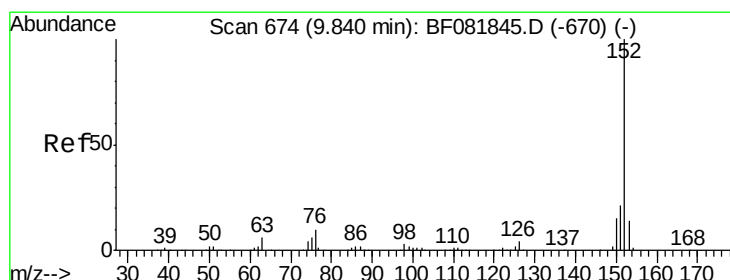
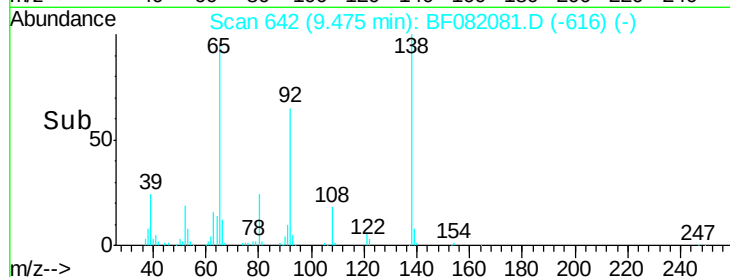
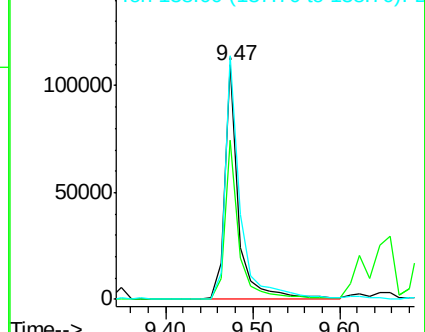
65 100

92 67.6 55.4 83.0

138 103.9 115.5 173.3#



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



#48

Acenaphthylene

Concen: 43.80 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

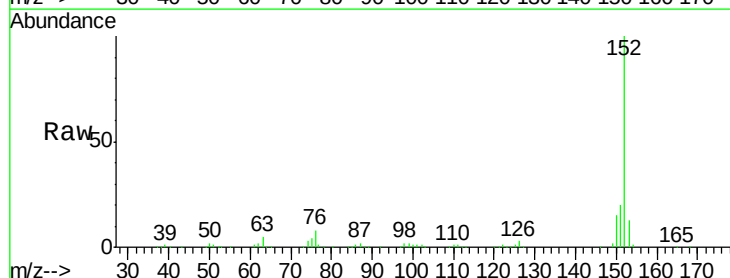
Tgt Ion: 152 Resp: 700697

Ion Ratio Lower Upper

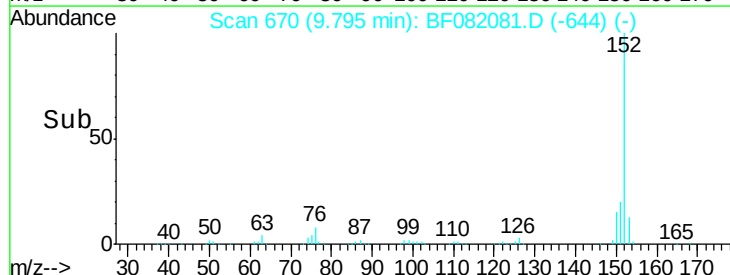
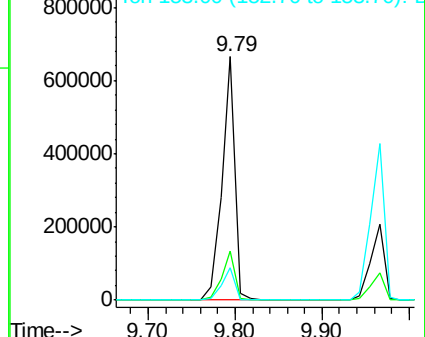
152 100

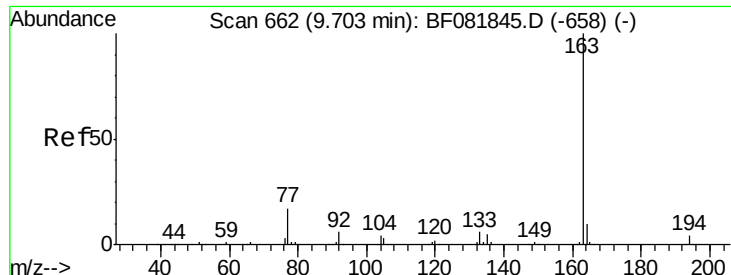
151 20.3 14.6 22.0

153 13.3 10.3 15.5



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

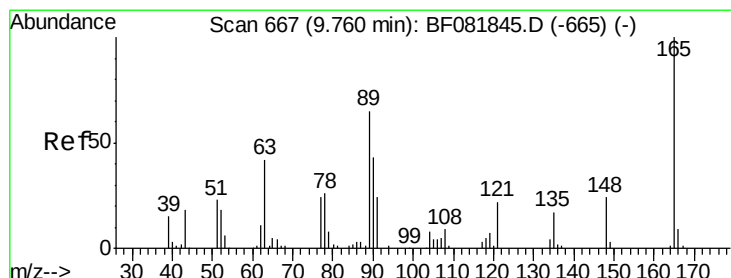
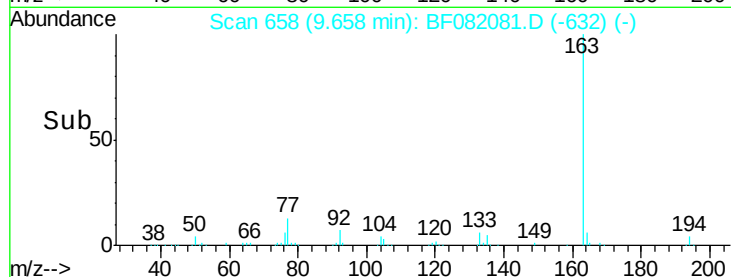
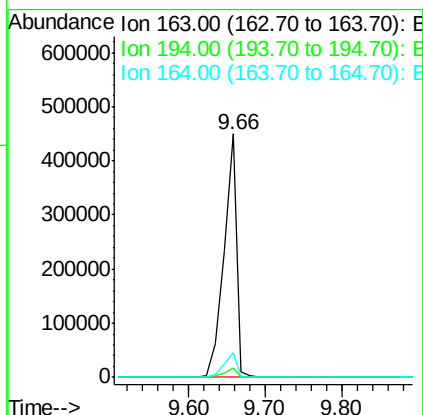
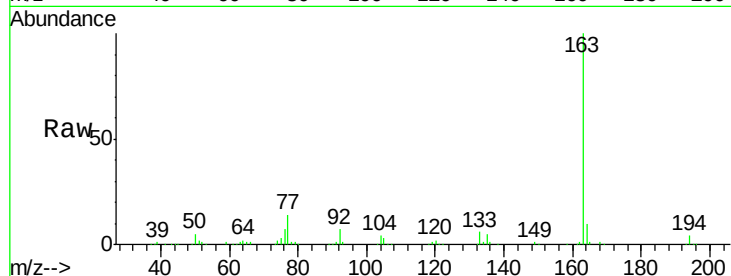




#49
Dimethylphthalate
Concen: 46.03 ng
RT: 9.66 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

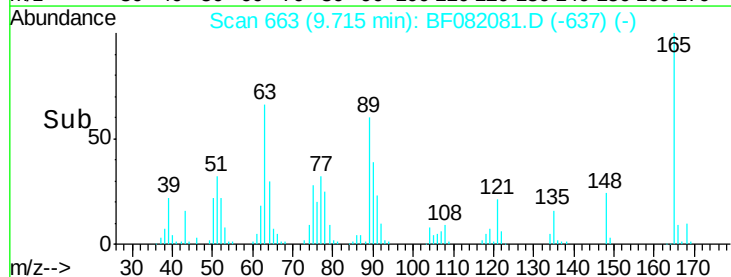
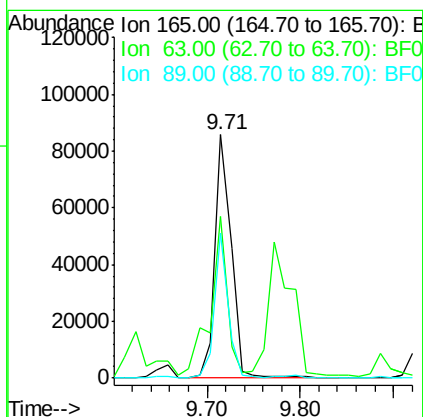
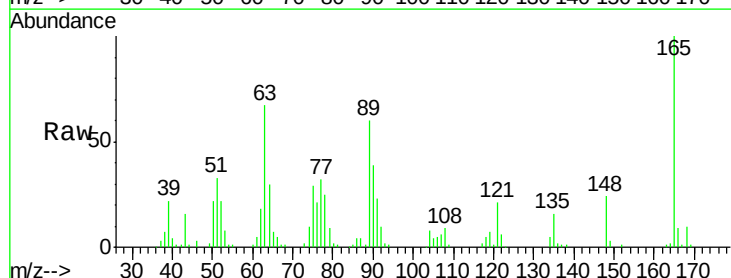
Instrument :
BNA_F
ClientSampleId :
PB85911BS

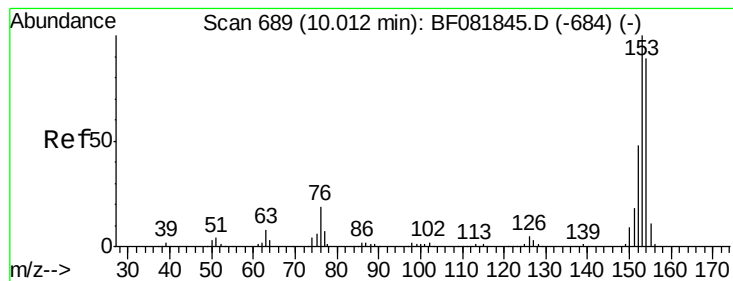
Tot Ion:163 Resp: 524292
Ion Ratio Lower Upper
163 100
194 3.8 4.4 6.6#
164 9.9 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 41.97 ng
RT: 9.71 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion:165 Resp: 103794
Ion Ratio Lower Upper
165 100
63 66.6 32.3 48.5#
89 59.5 28.6 43.0#





#51

Acenaphthene

Concen: 44.46 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

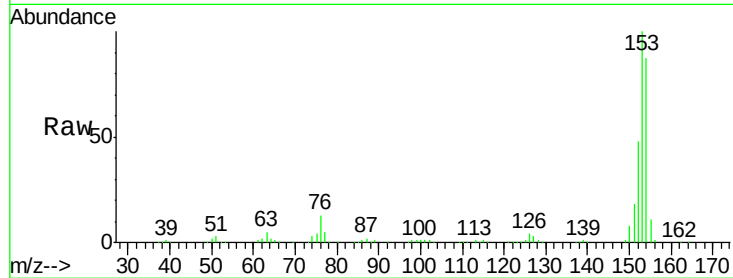
Tot Ion:154 Resp: 422399

Ion Ratio Lower Upper

154 100

153 114.7 82.1 123.1

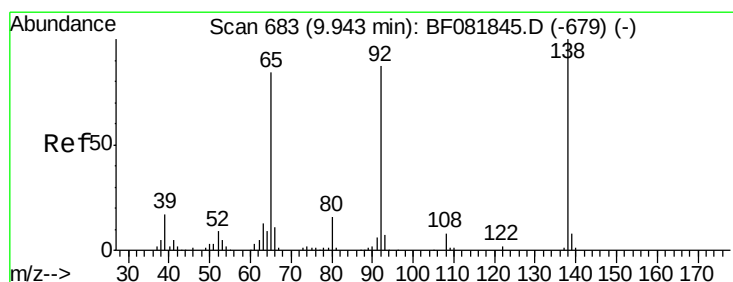
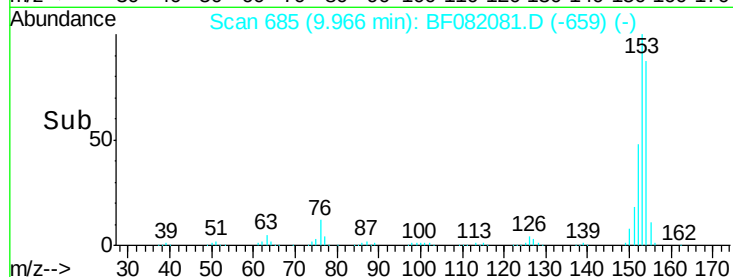
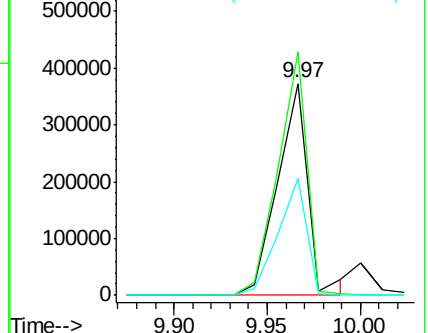
152 55.2 37.9 56.9



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: 22.05 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

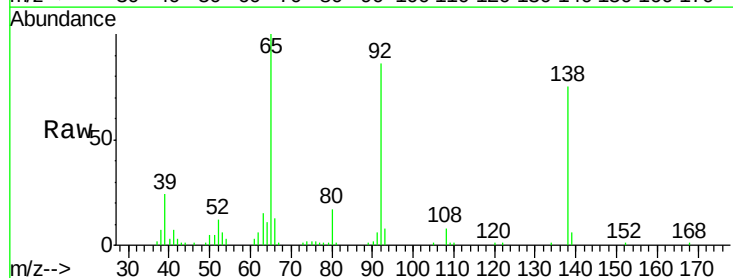
Tgt Ion:138 Resp: 63086

Ion Ratio Lower Upper

138 100

108 10.1 5.7 8.5#

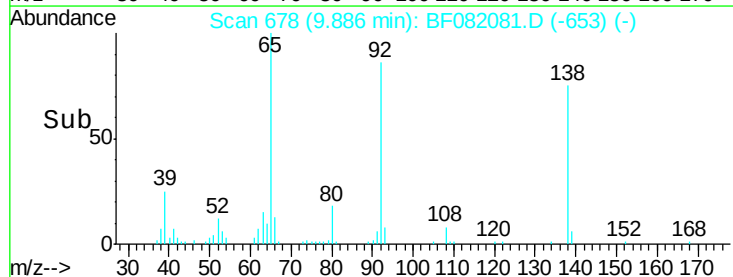
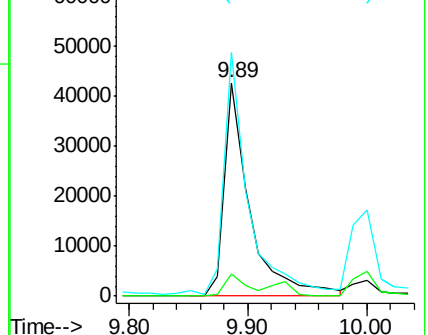
92 114.3 67.7 101.5#

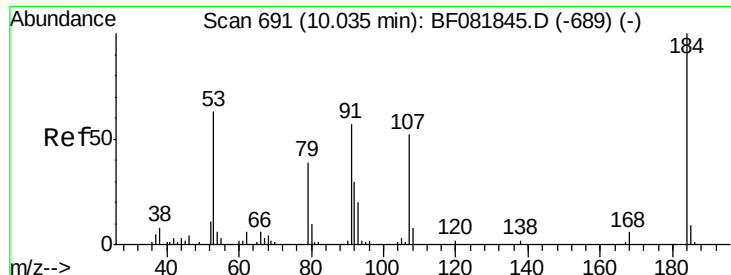


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

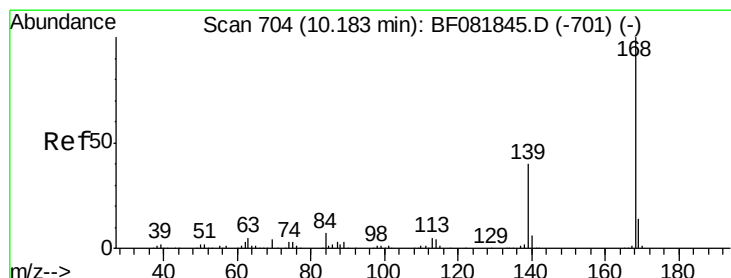
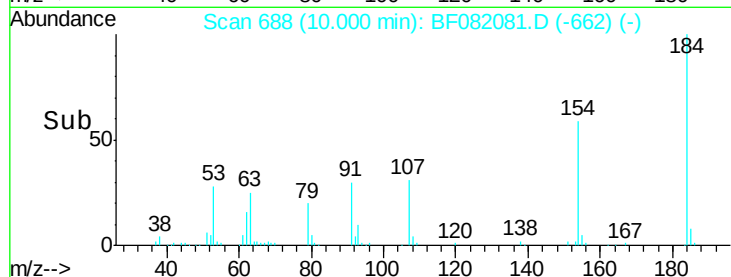
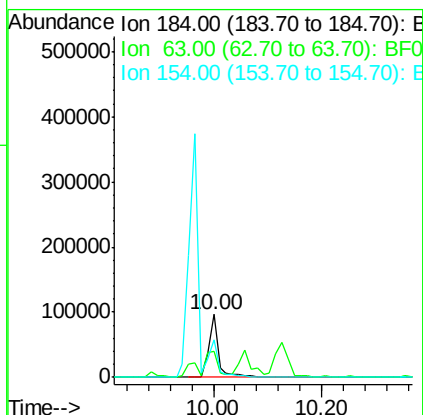
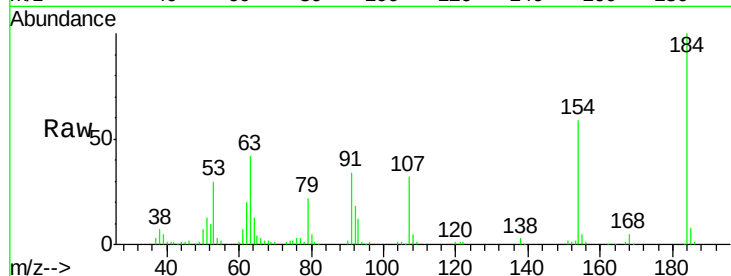




#53
2,4-Dinitrophenol
Concen: 91.24 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

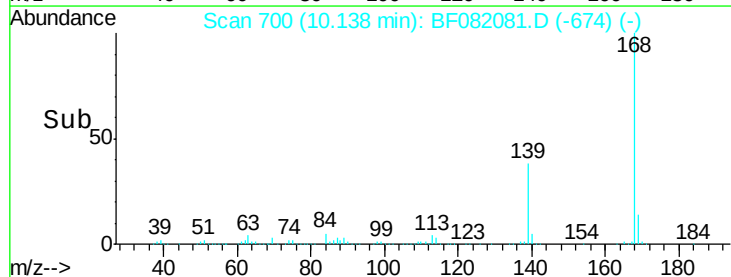
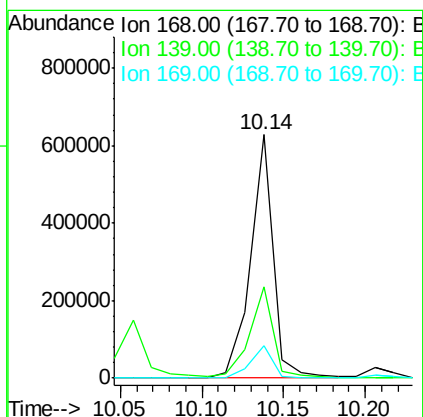
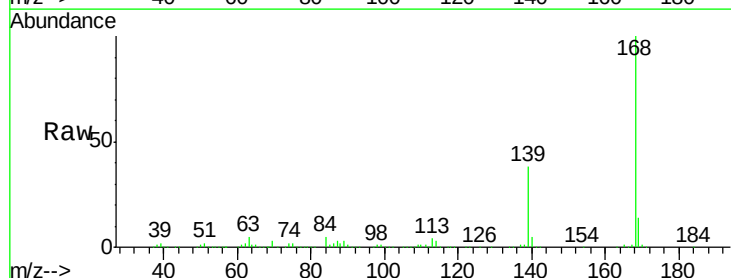
Instrument :
BNA_F
ClientSampleId :
PB85911BS

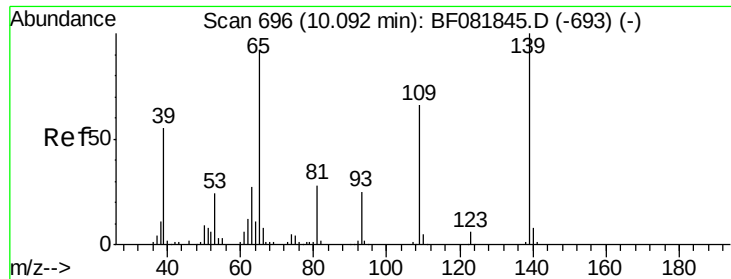
Tot Ion:184 Resp: 120757
Ion Ratio Lower Upper
184 100
63 41.7 35.4 53.2
154 59.5 32.2 48.4#



#54
Dibenzofuran
Concen: 45.31 ng
RT: 10.14 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion:168 Resp: 608362
Ion Ratio Lower Upper
168 100
139 37.6 24.2 36.2#
169 13.5 10.6 15.8

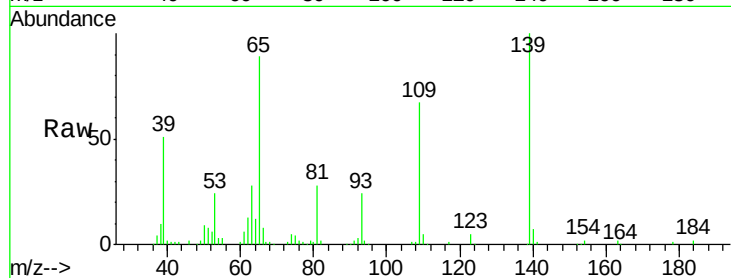




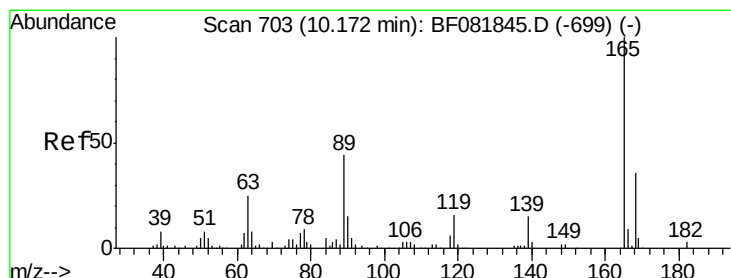
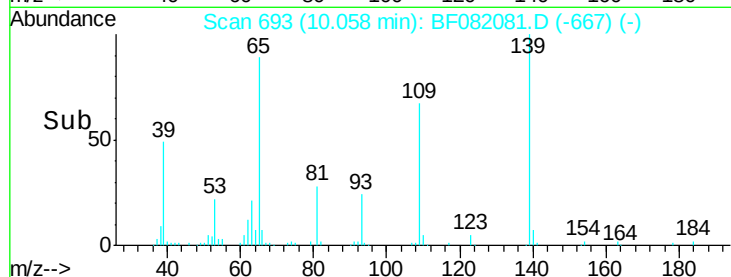
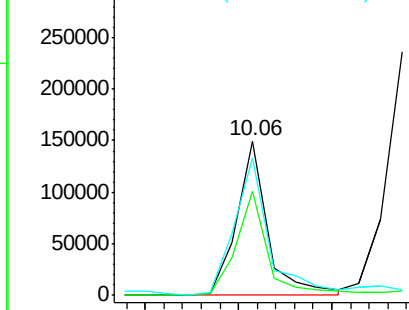
#55
4-Nitrophenol
Concen: 84.69 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Instrument :
BNA_F
ClientSampleId :
PB85911BS

Tot Ion:139 Resp: 175070
Ion Ratio Lower Upper
139 100
109 67.0 12.7 52.7#
65 89.2 45.9 85.9#

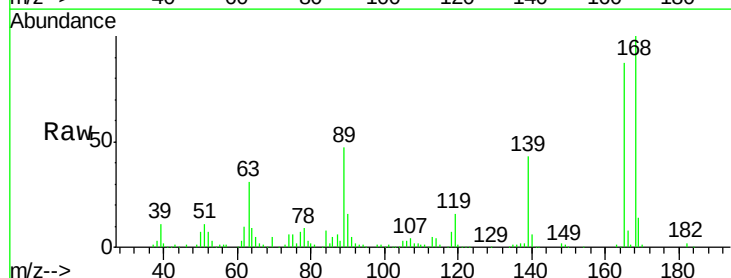


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

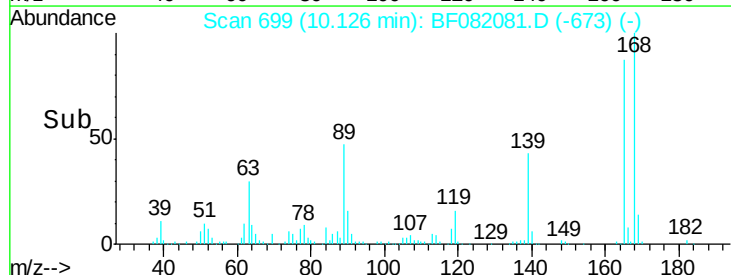
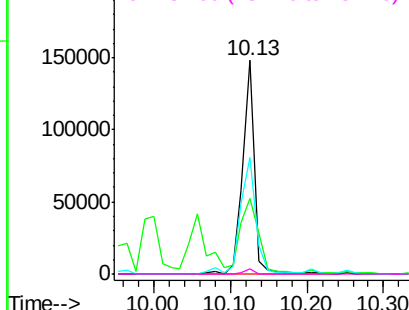


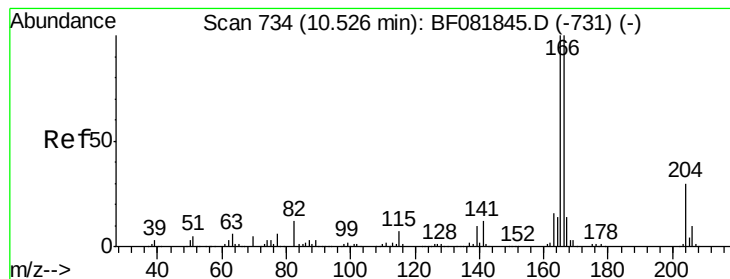
#56
2,4-Dinitrotoluene
Concen: 50.67 ng
RT: 10.13 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion:165 Resp: 159746
Ion Ratio Lower Upper
165 100
63 35.6 29.8 44.6
89 54.4 44.5 66.7
182 2.4 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: 51.33 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

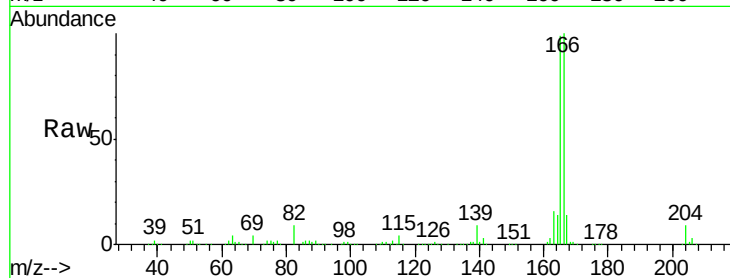
Tot Ion:166 Resp: 489984

Ion Ratio Lower Upper

166 100

165 99.5 72.6 109.0

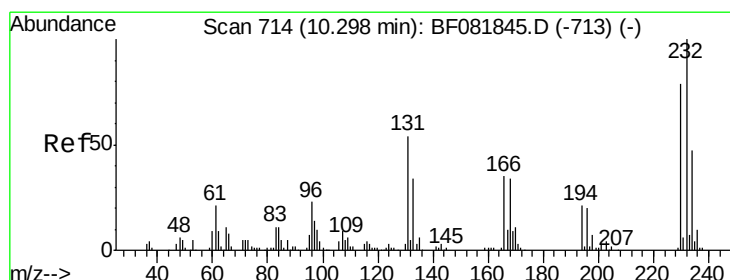
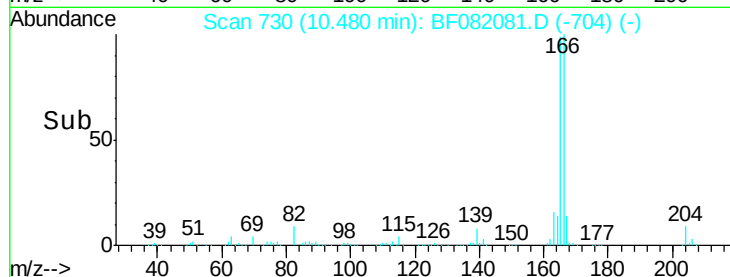
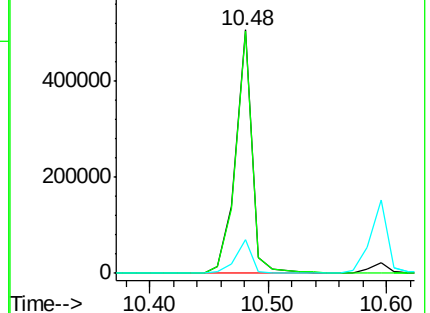
167 13.8 10.6 16.0



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: 47.61 ng

RT: 10.25 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Tgt Ion:232 Resp: 134892

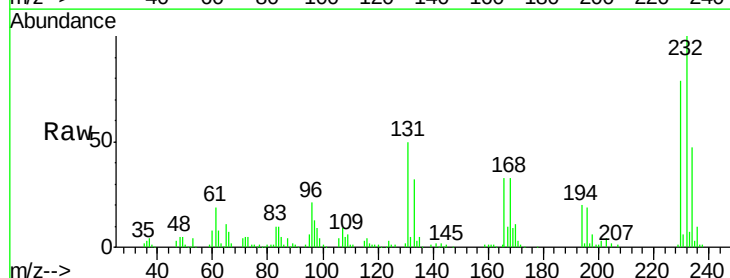
Ion Ratio Lower Upper

232 100

131 43.8 38.5 57.7

130 2.0 1.8 2.6

166 29.2 25.0 37.6

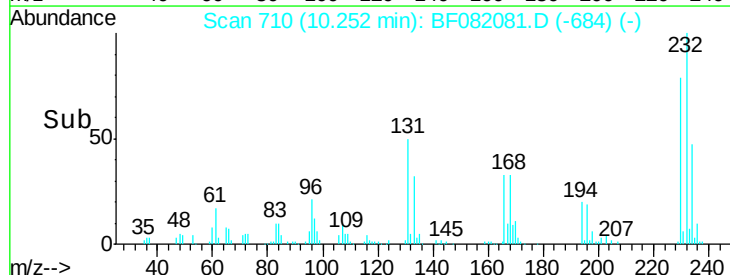
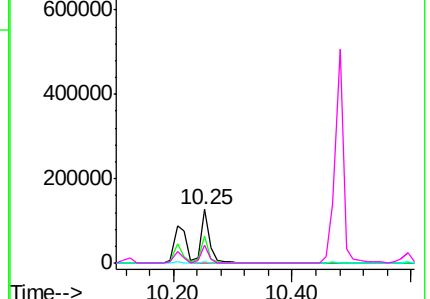


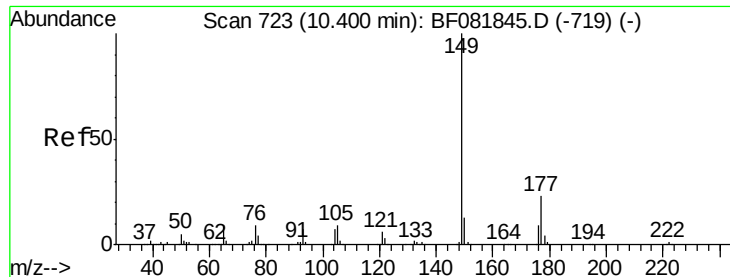
Abundance Ion 232.00 (231.70 to 232.70): E

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

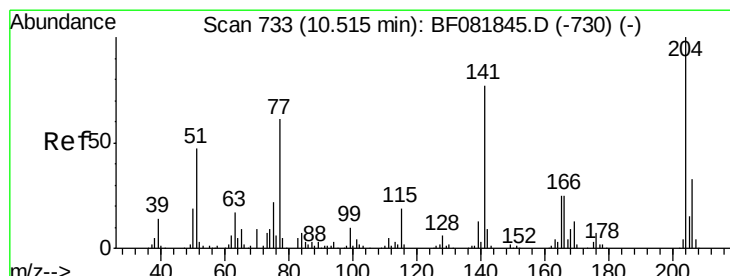
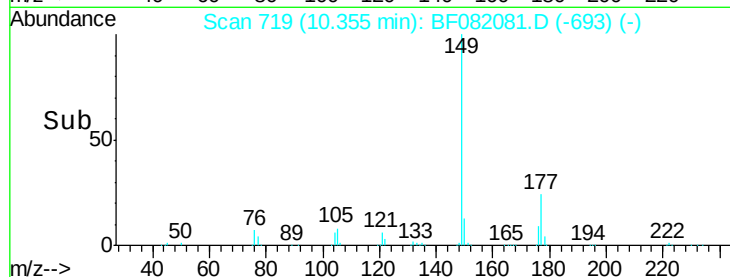
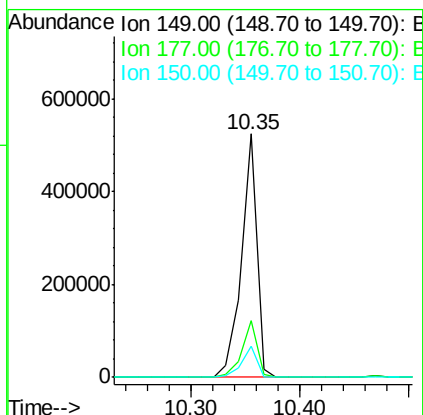
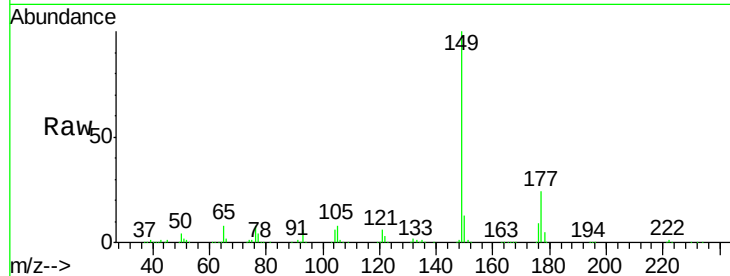




#59
Diethylphthalate
Concen: 47.58 ng
RT: 10.35 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

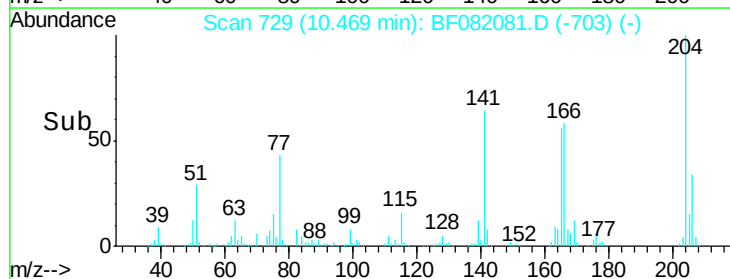
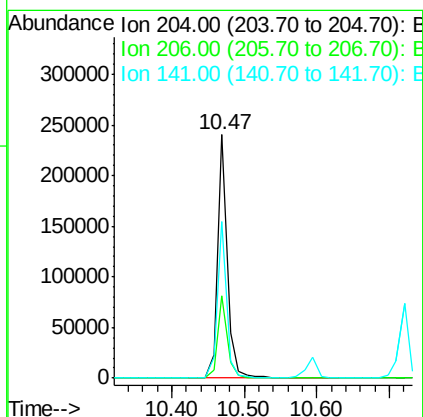
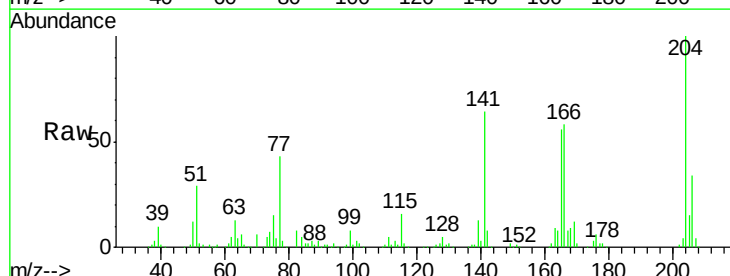
Instrument :
BNA_F
ClientSampleId :
PB85911BS

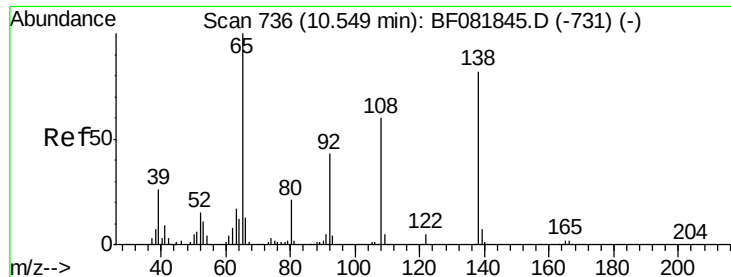
Tot Ion:149 Resp: 506196
Ion Ratio Lower Upper
149 100
177 23.5 17.5 26.3
150 12.7 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 45.34 ng
RT: 10.47 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion:204 Resp: 222891
Ion Ratio Lower Upper
204 100
206 33.7 24.8 37.2
141 64.2 42.2 63.4#

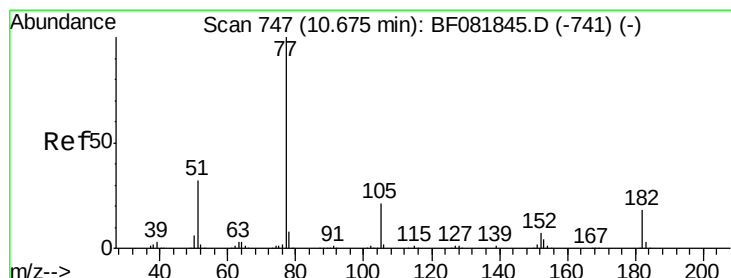
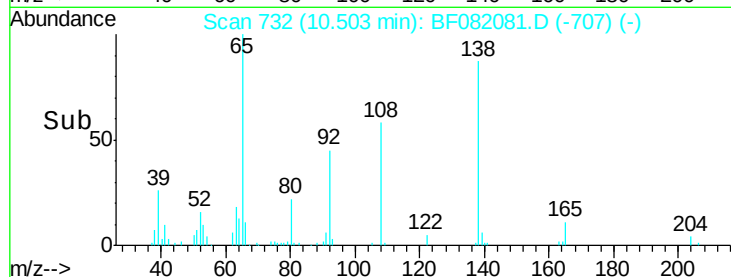
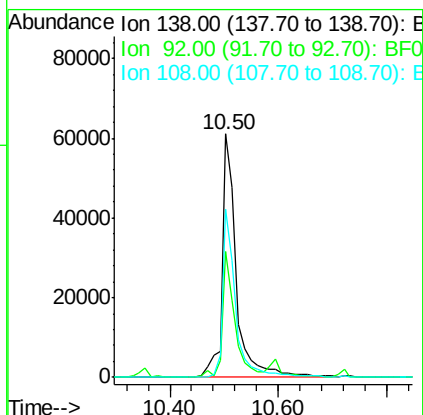
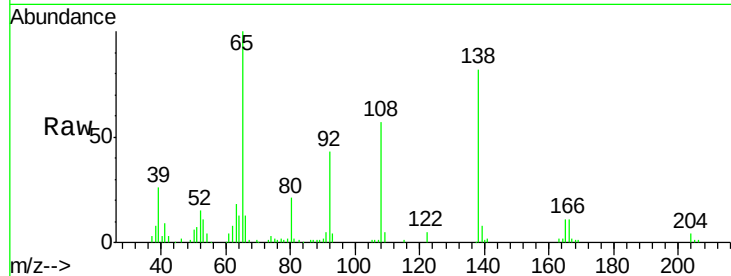




#61
4-Nitroaniline
Concen: 39.37 ng
RT: 10.50 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

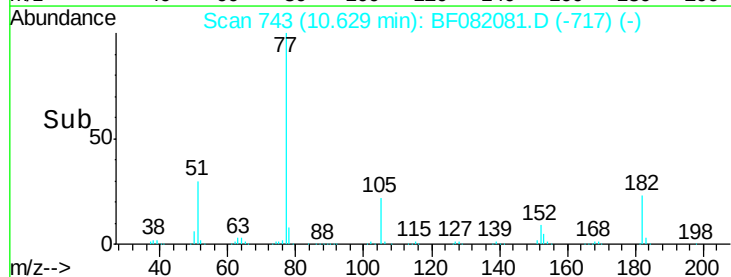
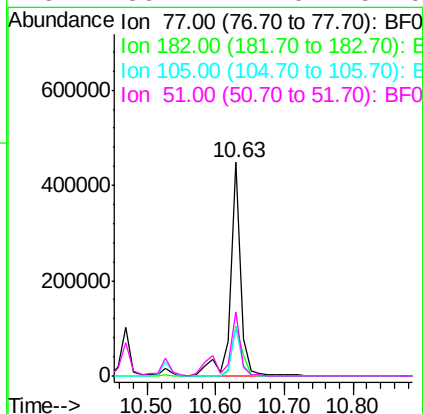
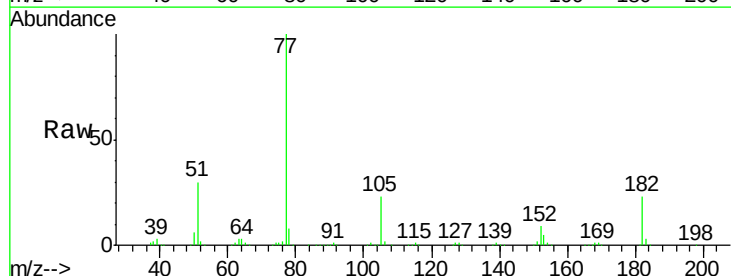
Instrument :
BNA_F
ClientSampleId :
PB85911BS

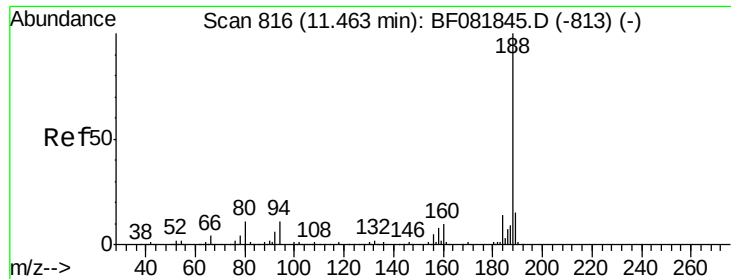
Tot Ion:138 Resp: 112920
Ion Ratio Lower Upper
138 100
92 51.8 12.6 52.6
108 69.2 12.4 52.4#



#62
Azobenzene
Concen: 45.27 ng
RT: 10.63 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion: 77 Resp: 470100
Ion Ratio Lower Upper
77 100
182 23.2 15.1 55.1
105 22.6 3.4 43.4
51 30.2 12.0 52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

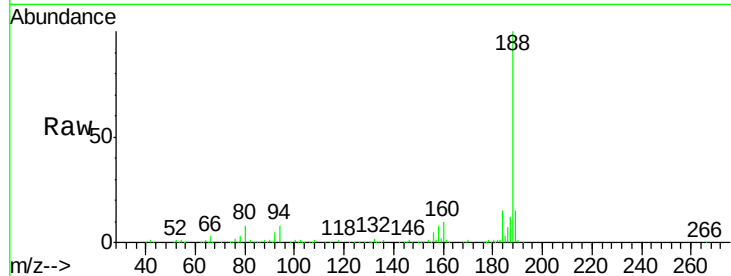
Tot Ion:188 Resp: 325664

Ion Ratio Lower Upper

188 100

94 8.1 11.1 16.7#

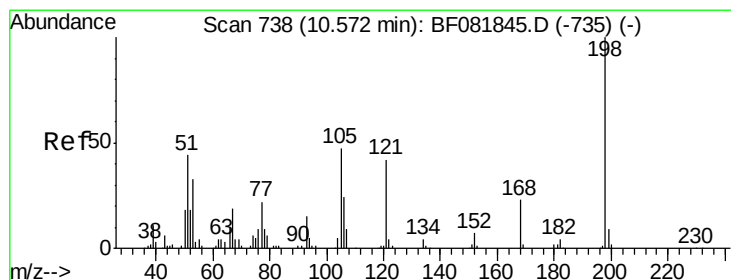
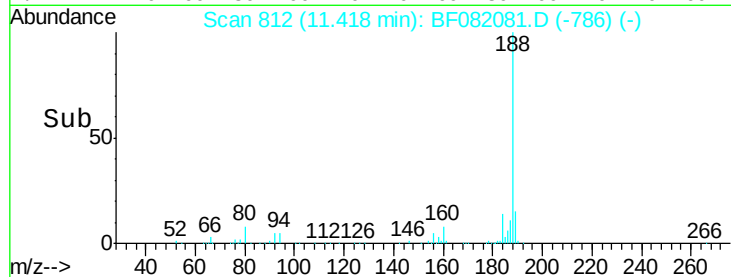
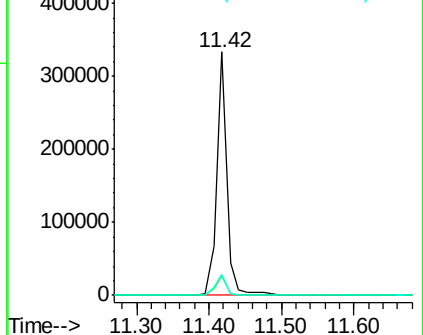
80 8.4 11.0 16.4#



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: 48.93 ng

RT: 10.53 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

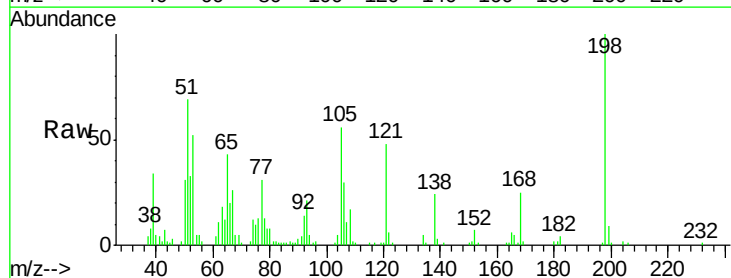
Tgt Ion:198 Resp: 72638

Ion Ratio Lower Upper

198 100

51 68.9 39.6 79.6

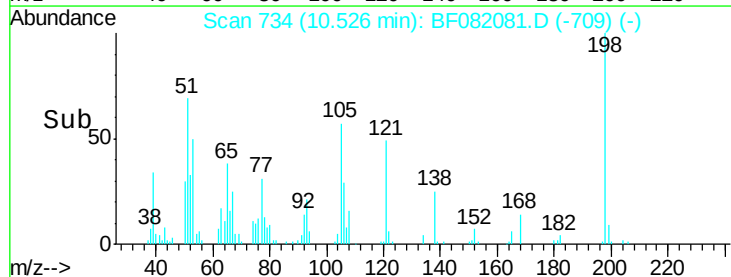
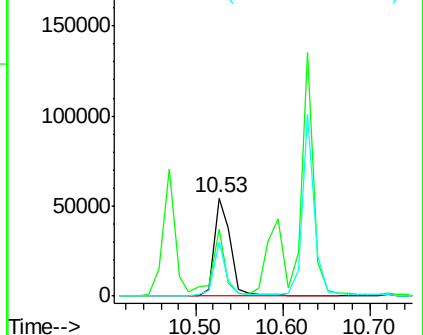
105 55.9 28.5 68.5

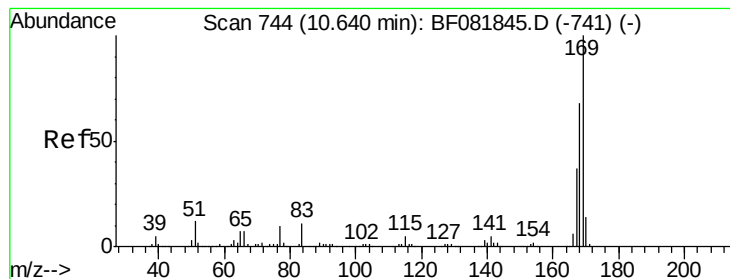


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.88 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

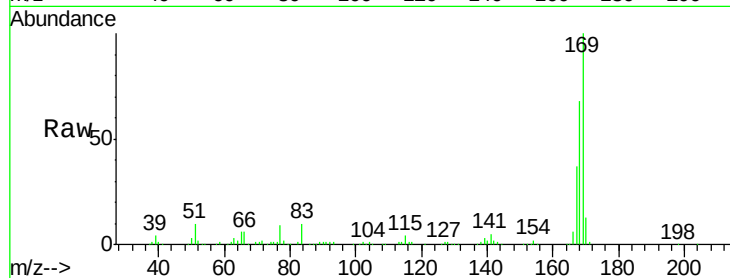
Tot Ion:169 Resp: 432312

Ion Ratio Lower Upper

169 100

168 67.6 48.9 73.3

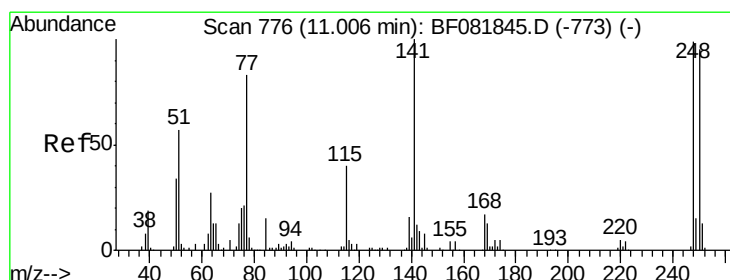
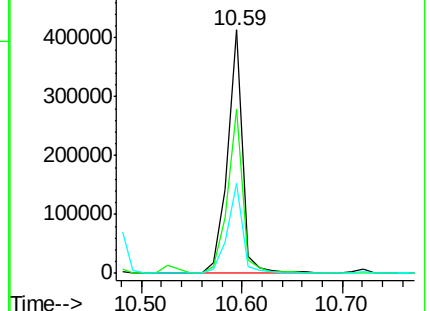
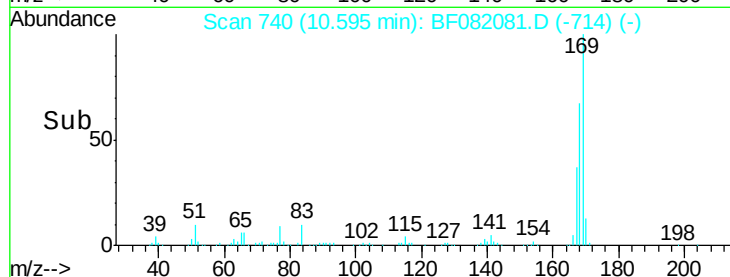
167 37.0 26.2 39.4



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: 44.99 ng

RT: 10.96 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

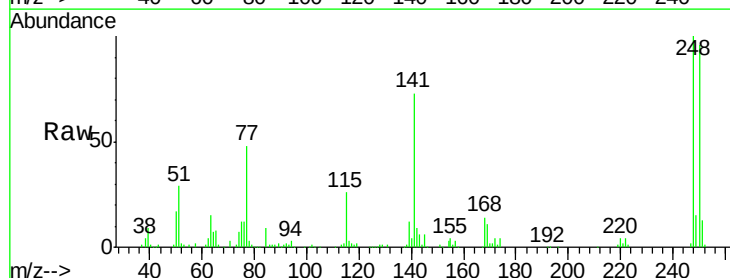
Tgt Ion:248 Resp: 147745

Ion Ratio Lower Upper

248 100

250 95.5 78.5 117.7

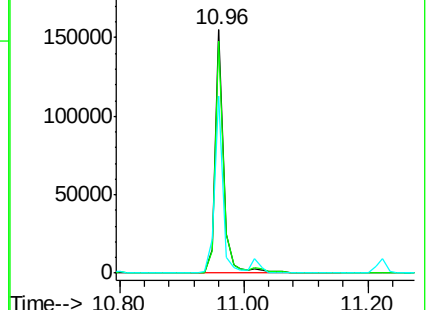
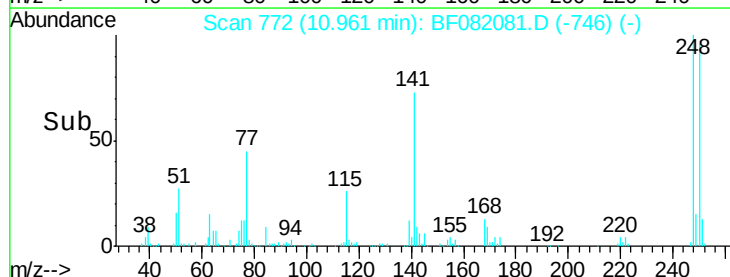
141 72.8 59.0 88.6

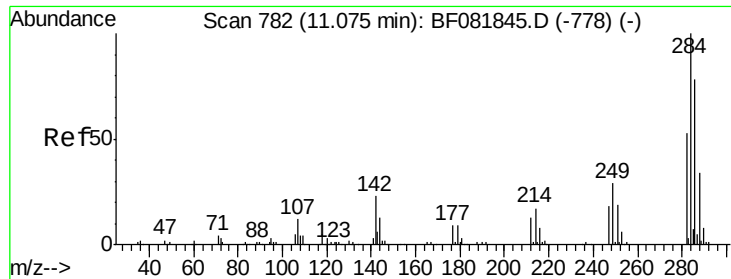


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

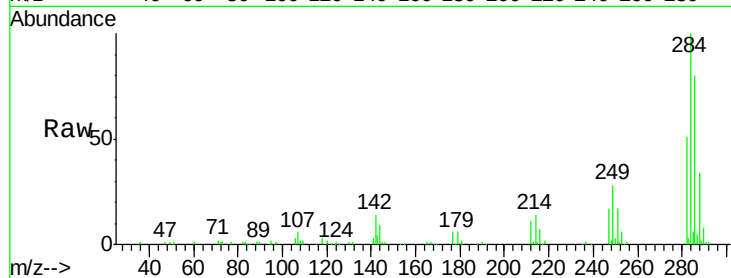




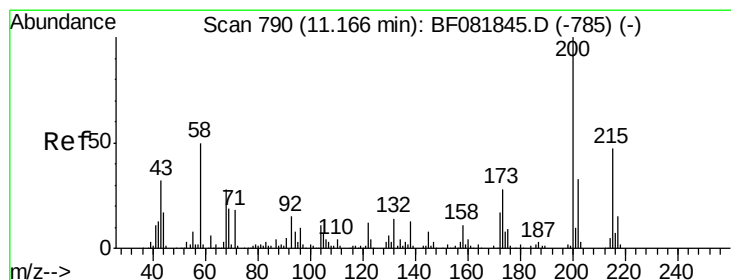
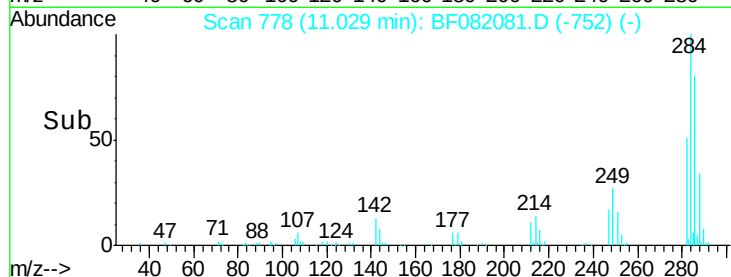
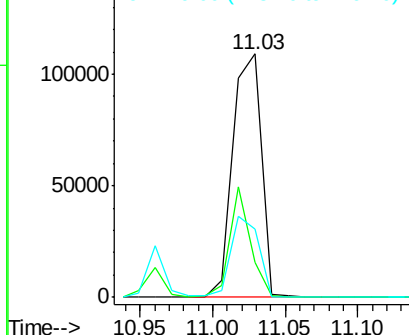
#67
Hexachlorobenzene
Concen: 40.18 ng
RT: 11.03 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Instrument :
BNA_F
ClientSampleId :
PB85911BS

Tot Ion:284 Resp: 148903
Ion Ratio Lower Upper
284 100
142 14.5 29.5 44.3#
249 28.2 19.5 29.3

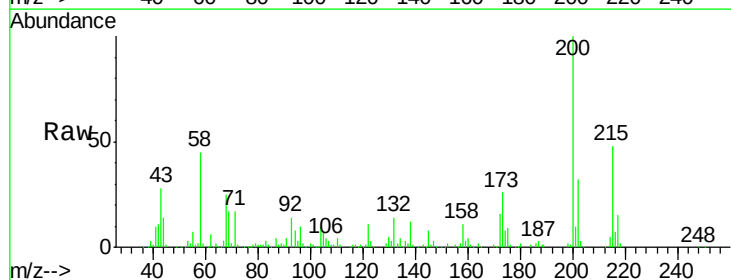


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

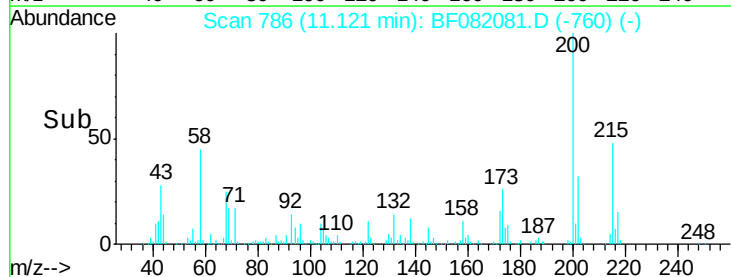
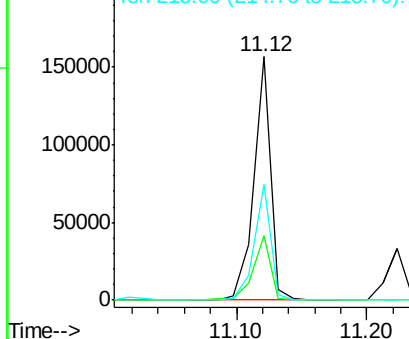


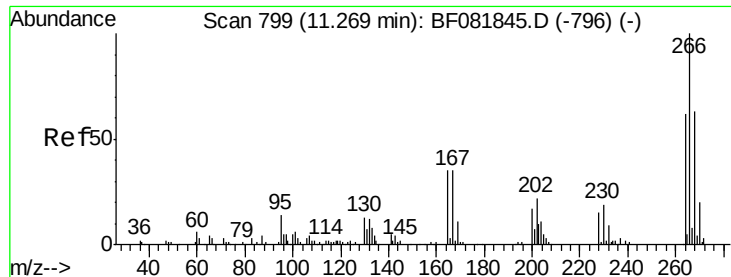
#68
Atrazine
Concen: 45.88 ng
RT: 11.12 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion:200 Resp: 140274
Ion Ratio Lower Upper
200 100
173 26.3 13.2 53.2
215 47.6 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

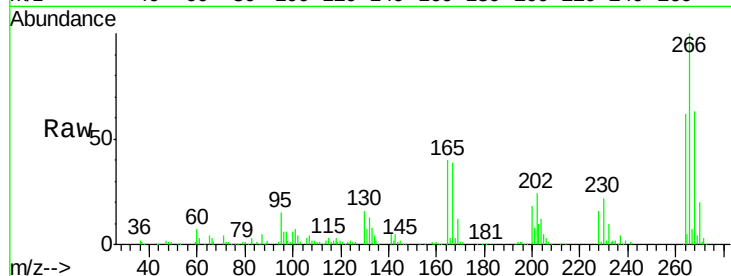




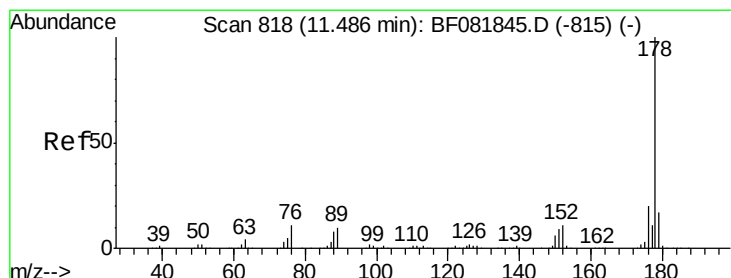
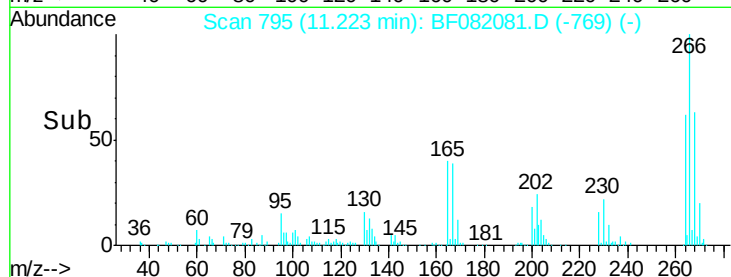
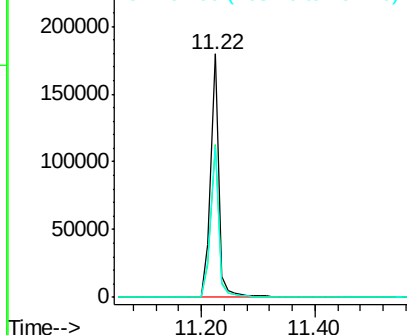
#69
 Pentachlorophenol
 Concen: 82.41 ng
 RT: 11.22 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB85911BS

Tot Ion:266 Resp: 174017
 Ion Ratio Lower Upper
 266 100
 268 62.5 49.8 74.6
 264 62.3 50.2 75.2

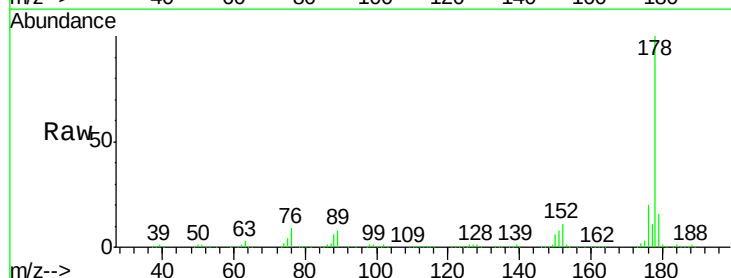


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

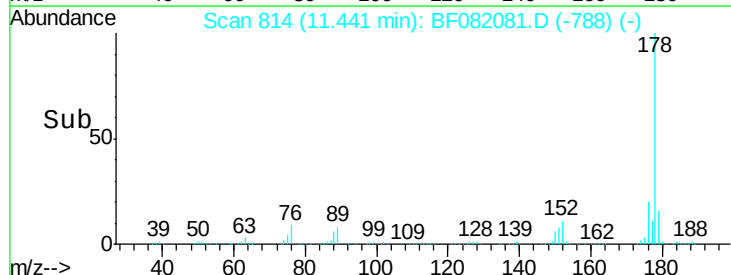
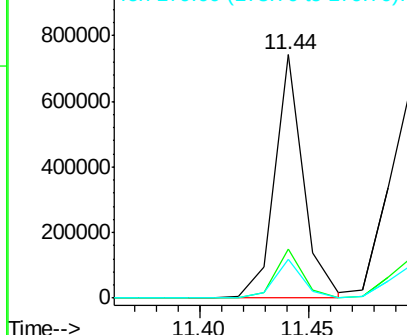


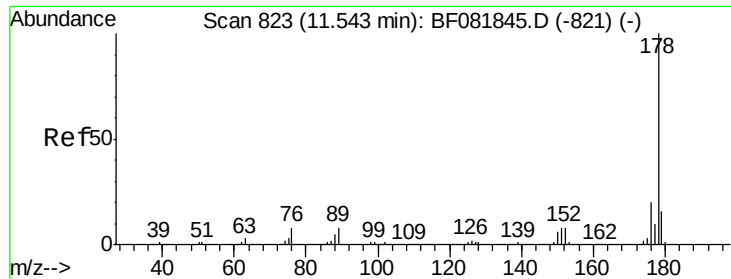
#70
 Phenanthrene
 Concen: 43.46 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Tgt Ion:178 Resp: 681982
 Ion Ratio Lower Upper
 178 100
 176 20.2 13.8 20.8
 179 15.9 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

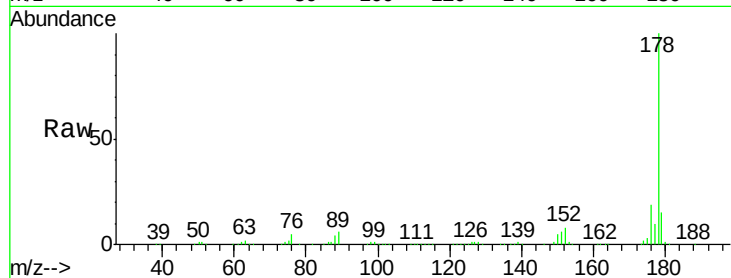




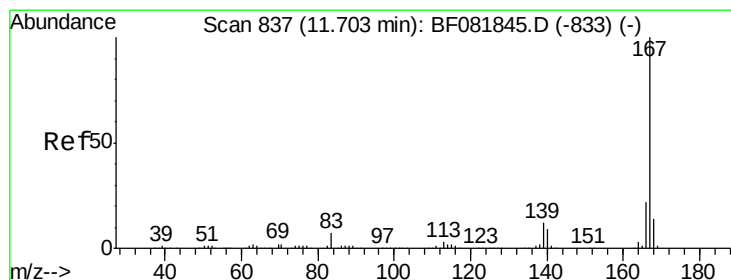
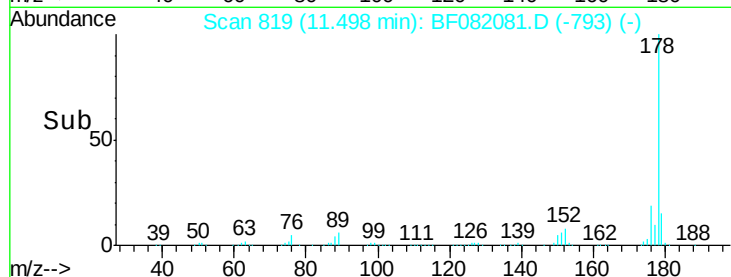
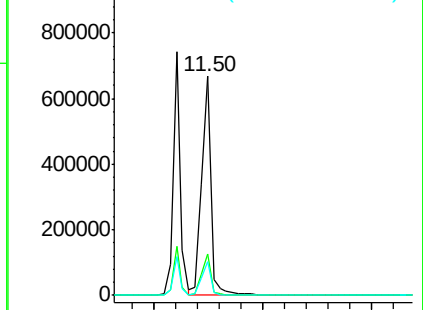
#71
 Anthracene
 Concen: 47.39 ng
 RT: 11.50 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB85911BS

Tot Ion:178 Resp: 784391
 Ion Ratio Lower Upper
 178 100
 176 19.1 14.1 21.1
 179 15.4 12.2 18.2

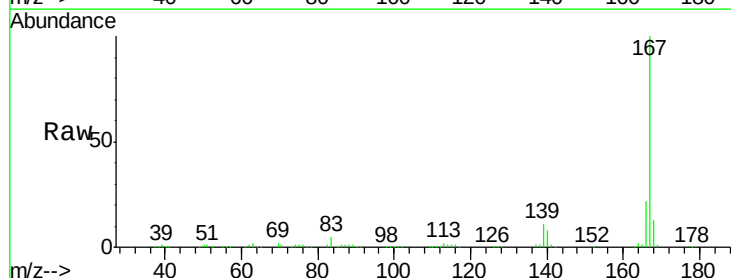


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

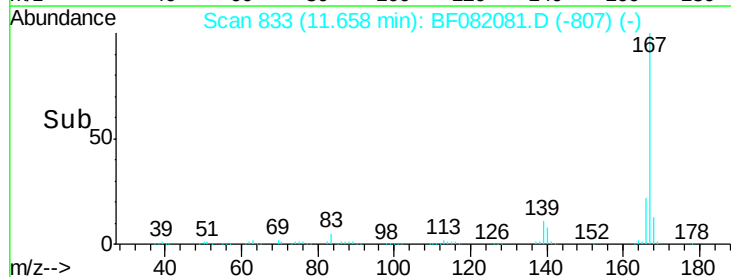
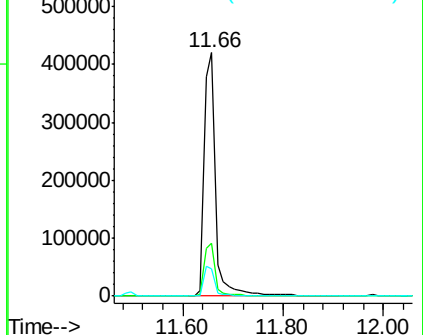


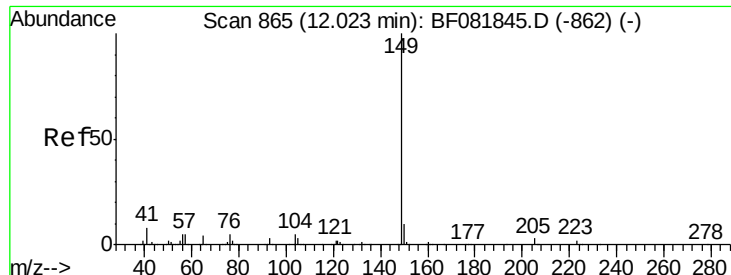
#72
 Carbazole
 Concen: 44.35 ng
 RT: 11.66 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Tgt Ion:167 Resp: 664421
 Ion Ratio Lower Upper
 167 100
 166 21.8 15.7 23.5
 139 11.0 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: 52.52 ng

RT: 11.98 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

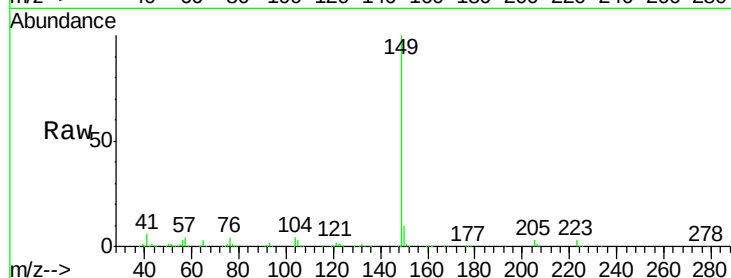
Tot Ion:149 Resp: 797878

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

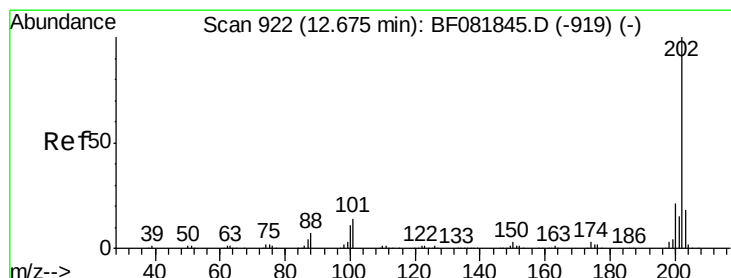
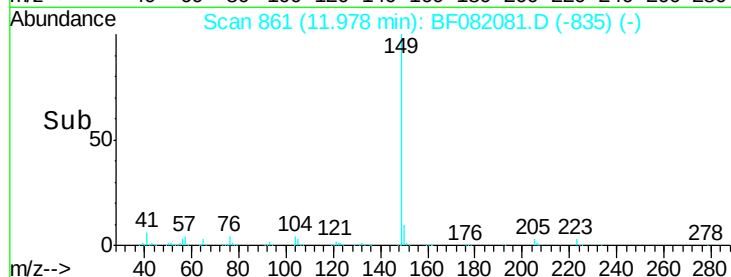
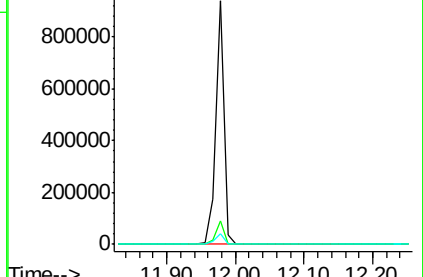
104 4.4 2.4 3.6#



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



#74

Fluoranthene

Concen: 42.36 ng

RT: 12.63 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

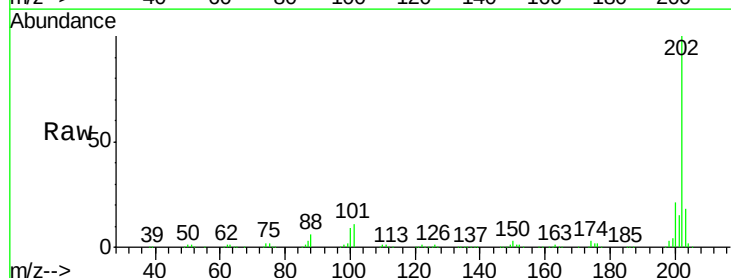
Tgt Ion:202 Resp: 738998

Ion Ratio Lower Upper

202 100

101 11.1 0.0 38.3

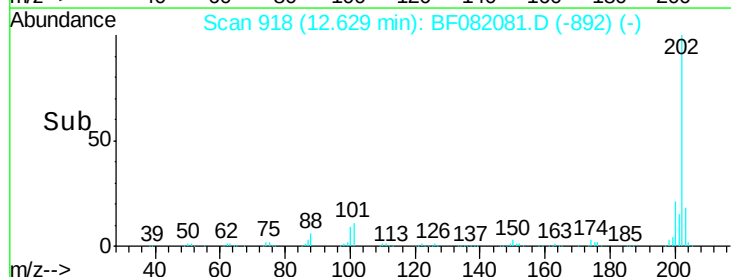
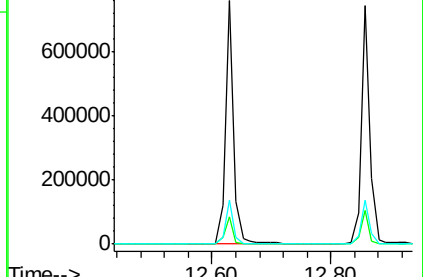
203 18.1 0.0 37.3

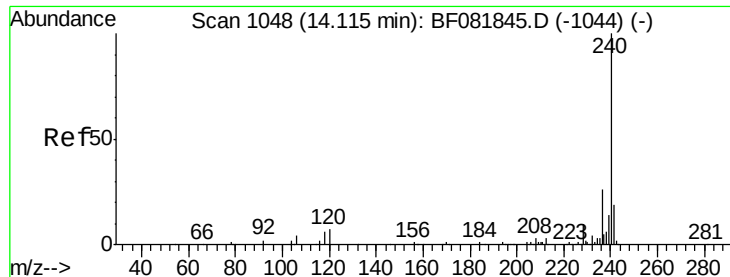


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

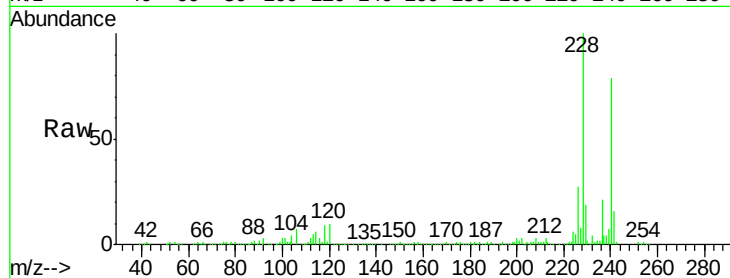
Tot Ion:240 Resp: 302243

Ion Ratio Lower Upper

240 100

120 13.0 16.2 24.2#

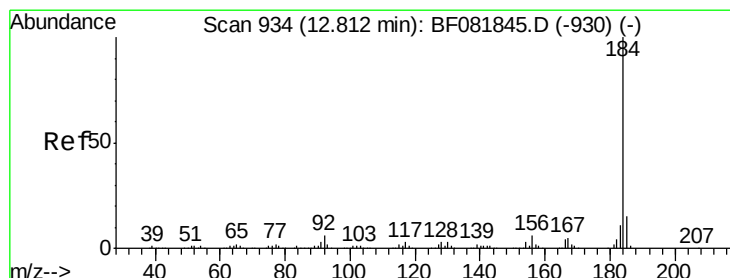
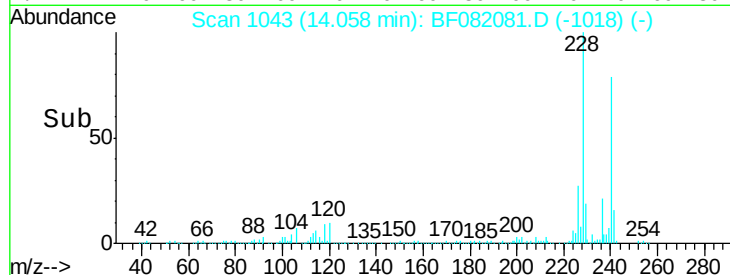
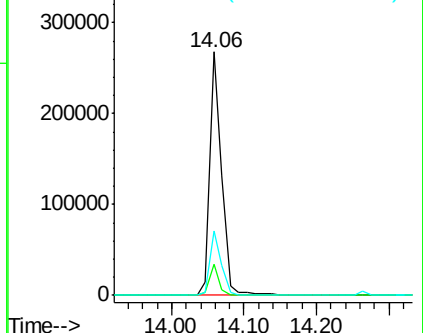
236 26.5 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.05 ng

RT: 12.76 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

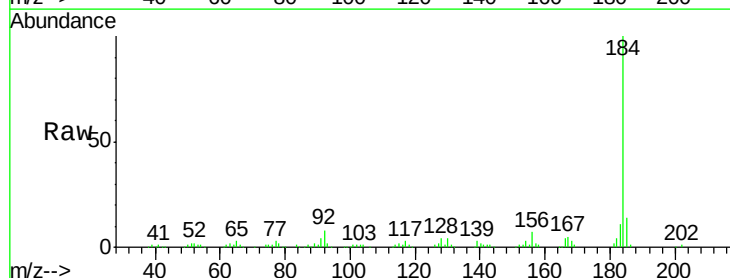
Tgt Ion:184 Resp: 264560

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.6

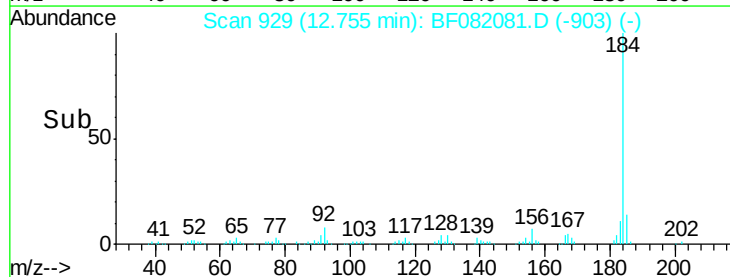
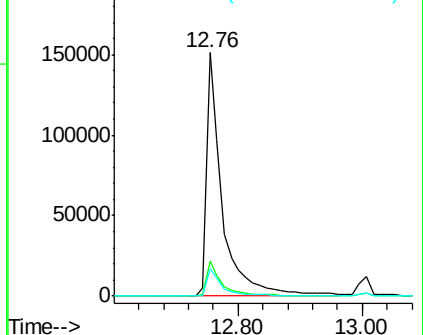
183 11.2 7.6 11.4

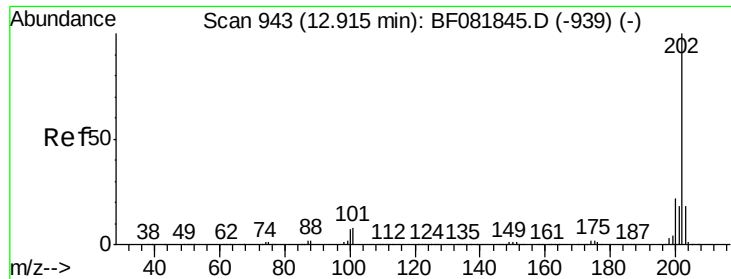


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

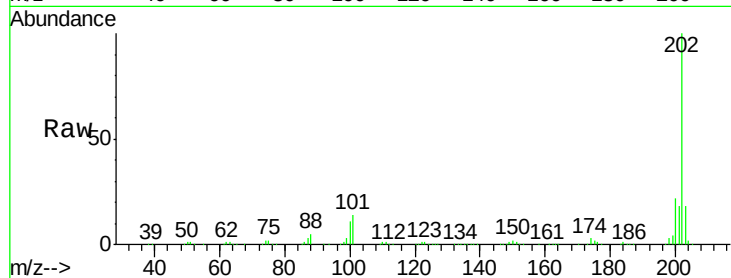




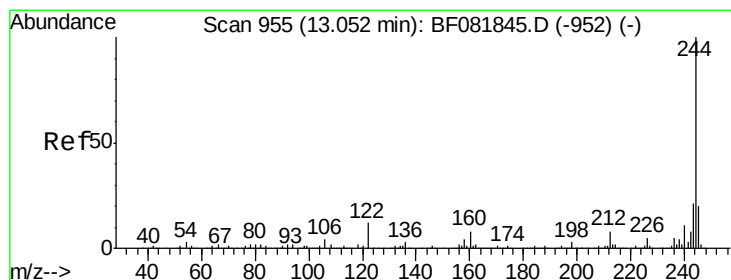
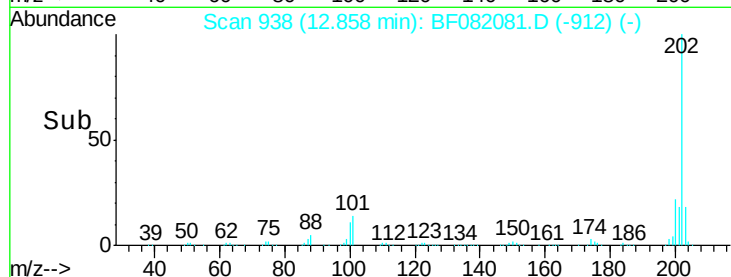
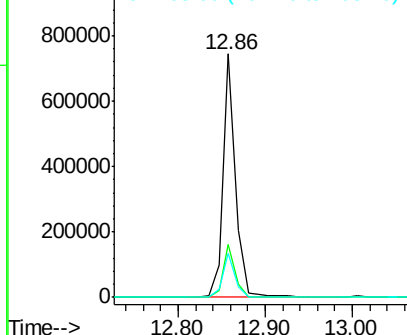
#77
Pvrene
Concen: 41.11 ng
RT: 12.86 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Instrument :
BNA_F
ClientSampleId :
PB85911BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	15.0	22.4
203	18.2	14.1	21.1

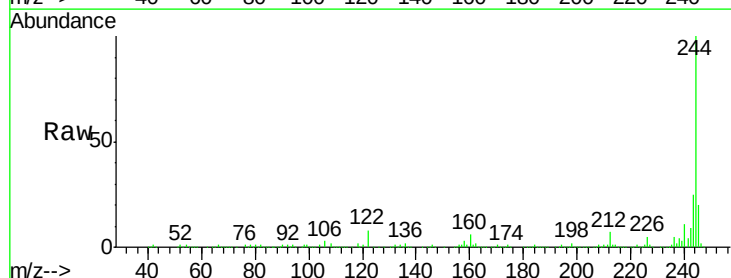


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

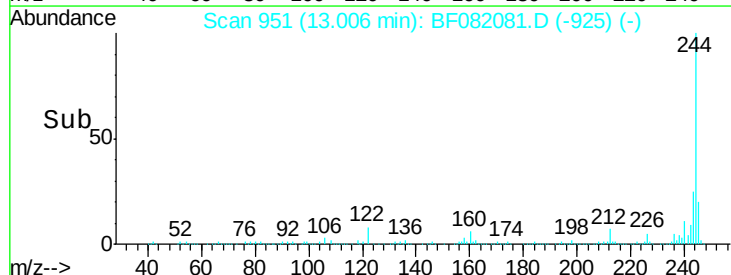
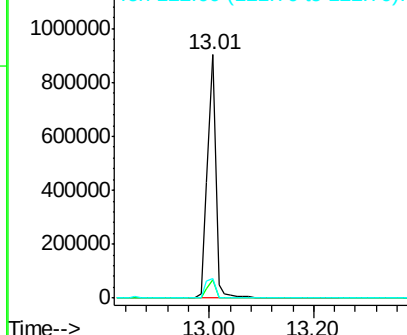


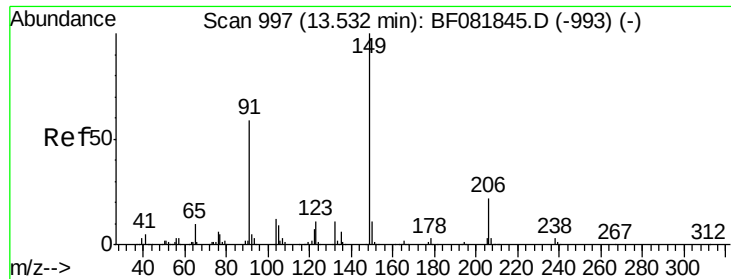
#78
Terphenyl-d14
Concen: 120.96 ng
RT: 13.01 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.3	6.5#
122	8.1	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

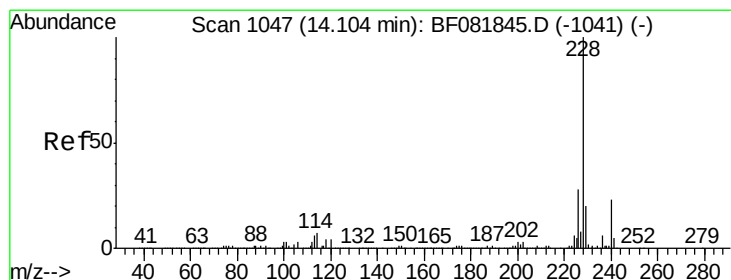
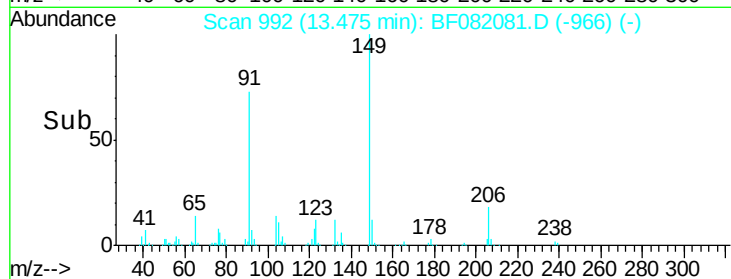
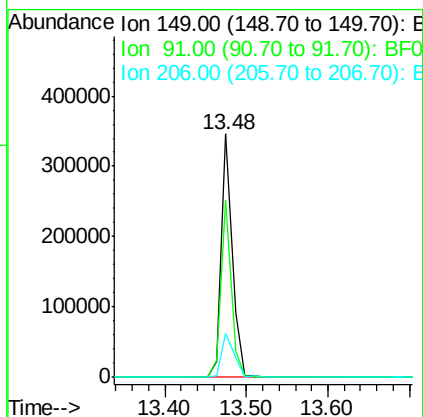
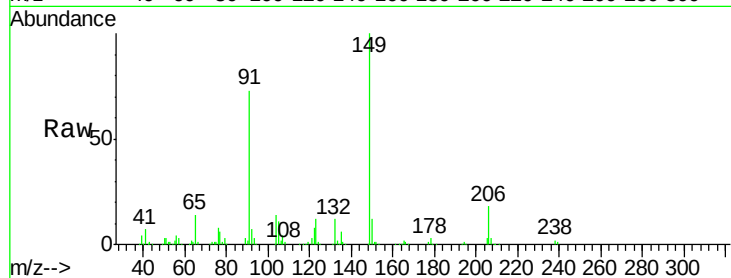




#79
Butylbenzylphthalate
Concen: 47.44 ng
RT: 13.48 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

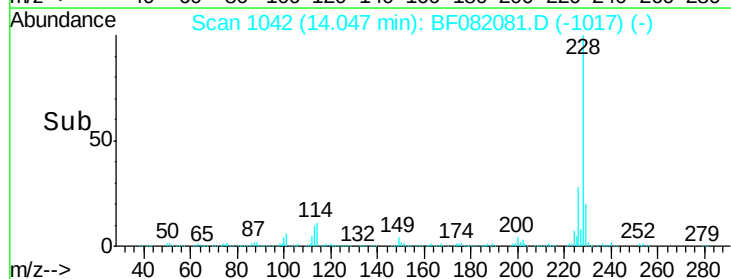
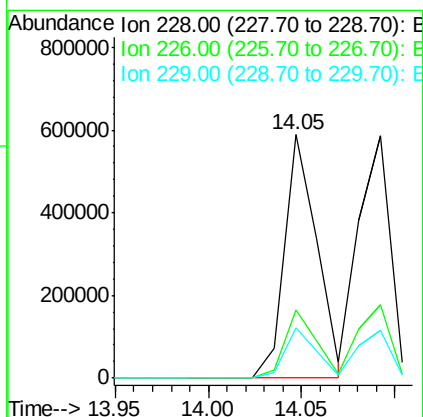
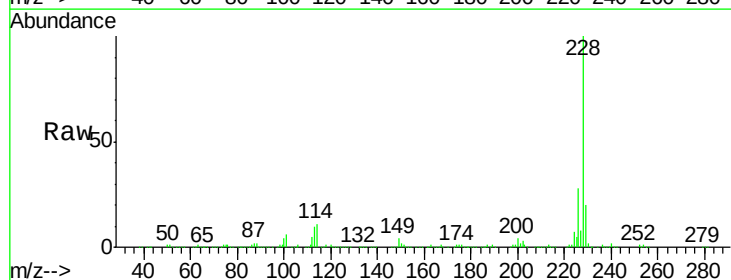
Instrument :
BNA_F
ClientSampleId :
PB85911BS

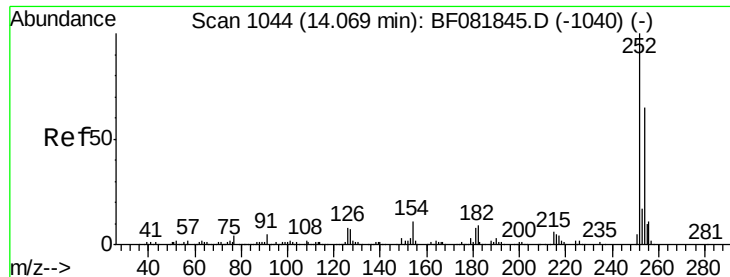
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.7	48.6	72.8
206	18.1	14.9	22.3



#80
Benzo(a)anthracene
Concen: 43.75 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	20.0	30.0
229	20.5	15.4	23.2

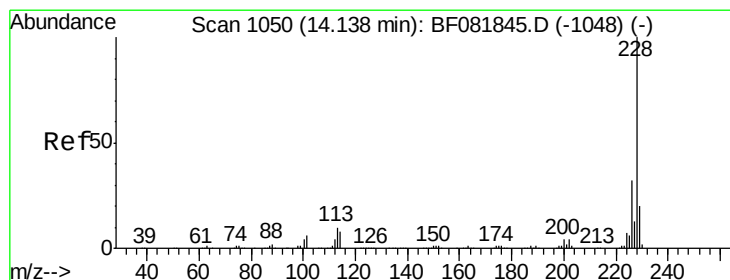
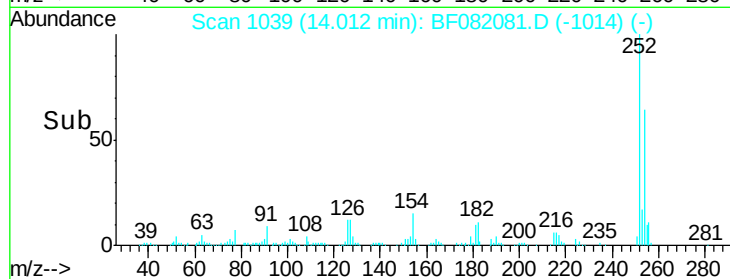
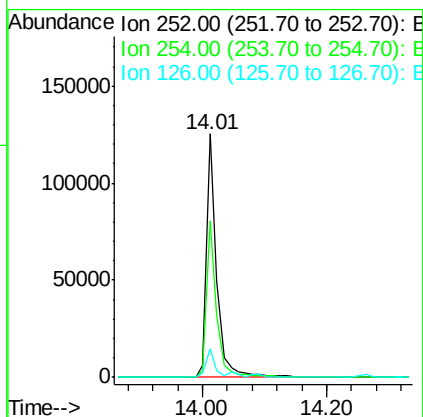
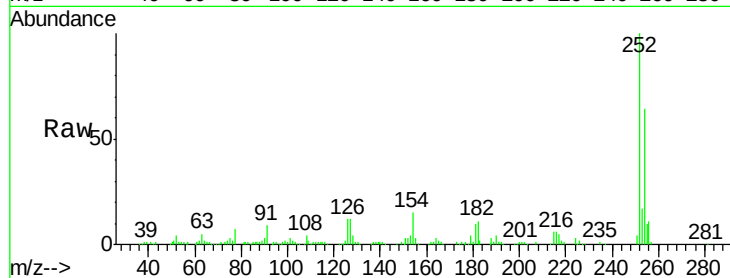




#81
 3,3'-Dichlorobenzidine
 Concen: 26.22 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

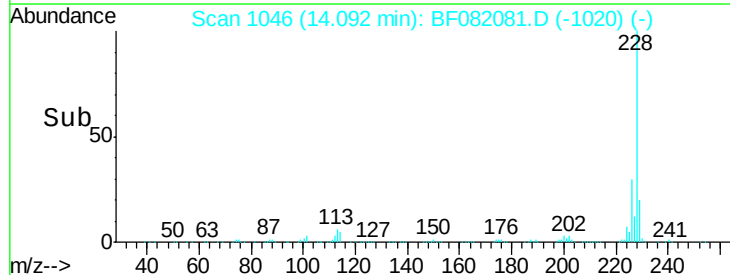
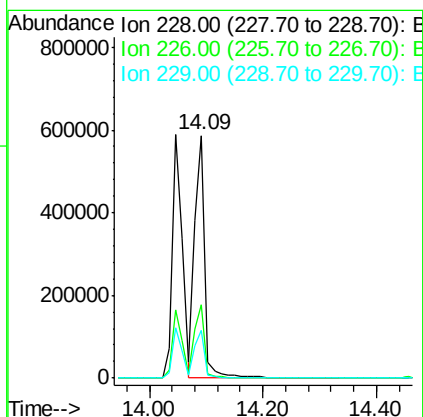
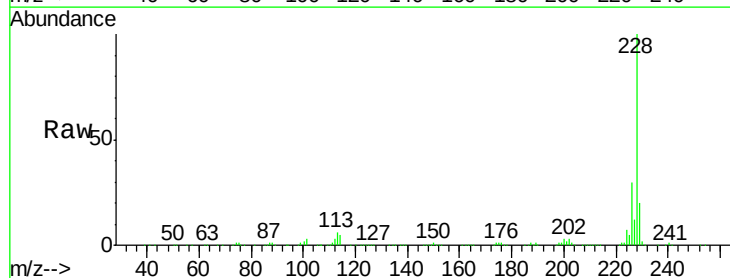
Instrument :
 BNA_F
 ClientSampleId :
 PB85911BS

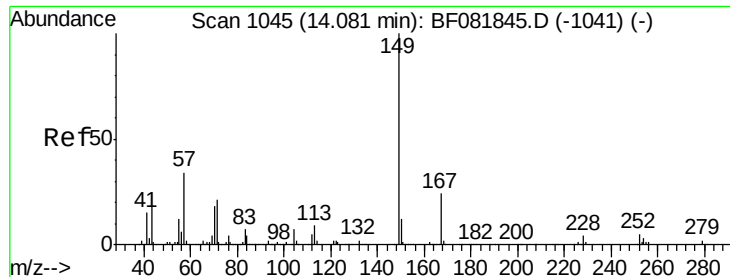
Tot Ion:252 Resp: 144144
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.4 77.2
 126 12.0 16.4 24.6#



#82
 Chrysene
 Concen: Below Cal
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Tgt Ion:228 Resp: 732363
 Ion Ratio Lower Upper
 228 100
 226 30.2 21.0 31.4
 229 19.6 15.6 23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.91 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

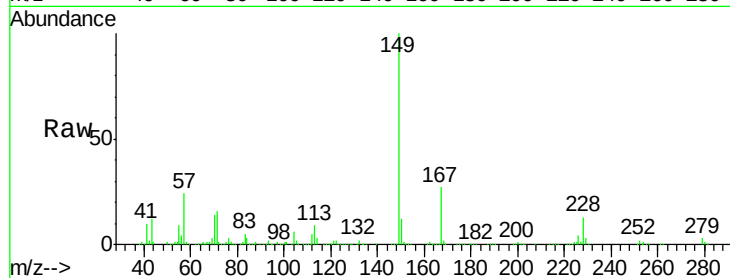
Tot Ion:149 Resp: 476541

Ion Ratio Lower Upper

149 100

167 26.5 24.2 36.2

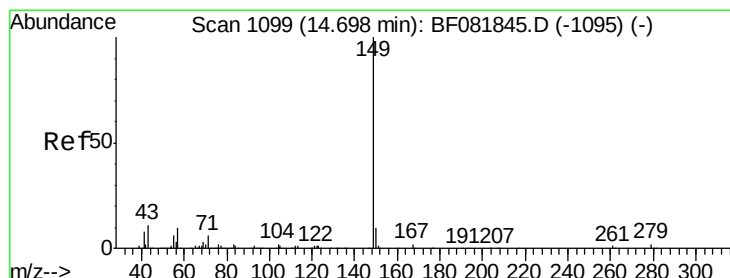
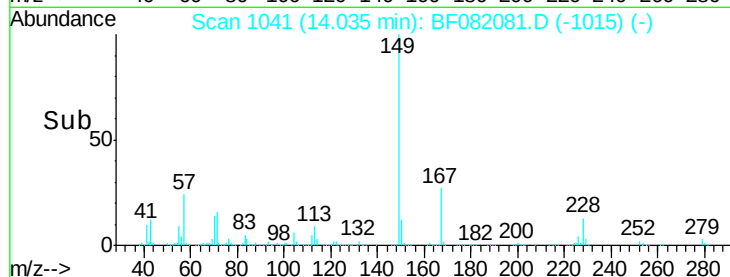
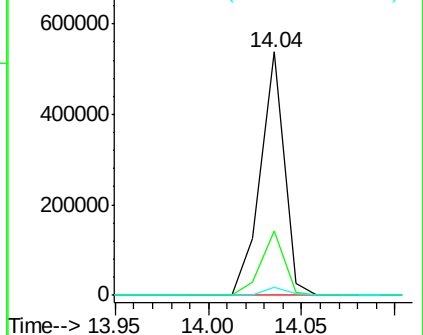
279 3.2 3.8 5.6#



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: 56.45 ng

RT: 14.65 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

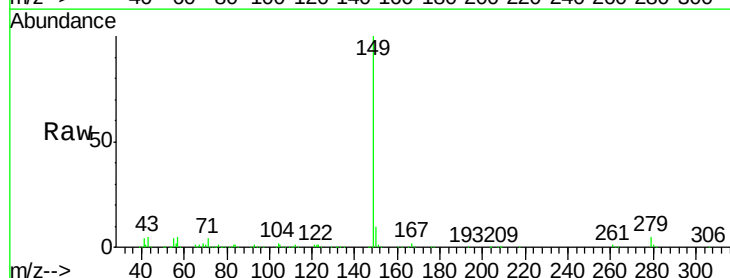
Tgt Ion:149 Resp: 782972

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

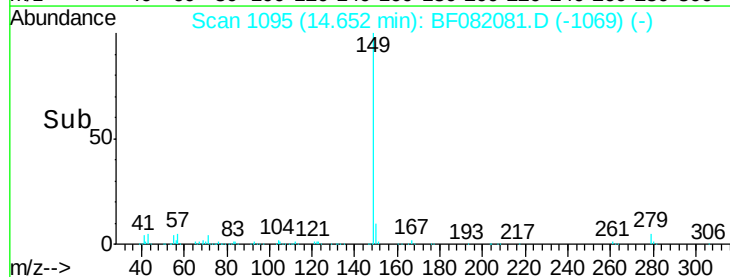
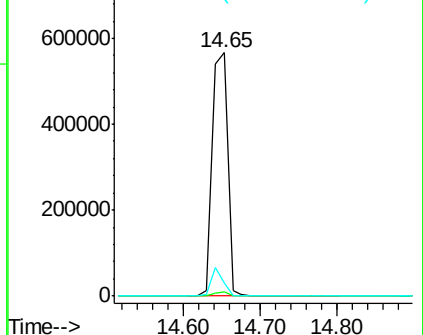
43 8.9 10.2 15.2#

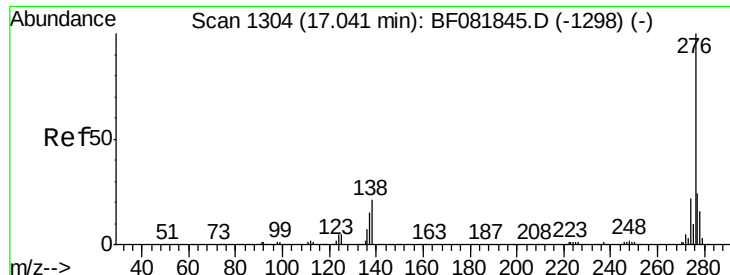


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

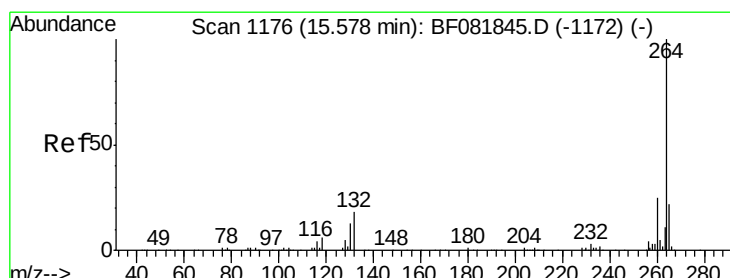
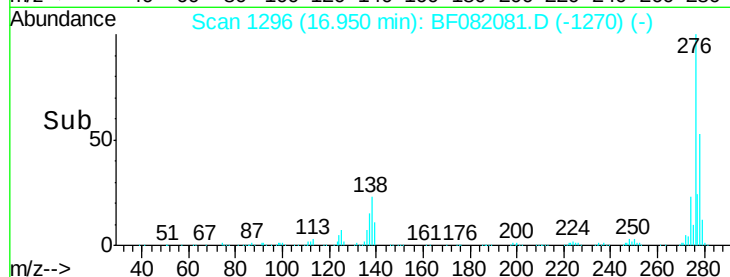
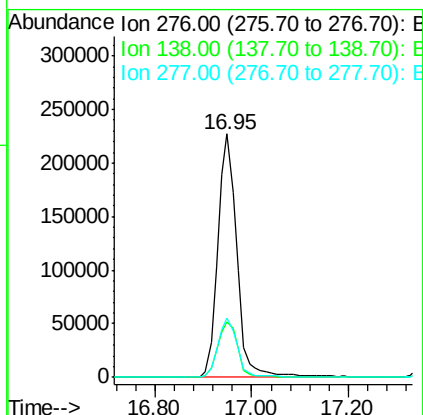
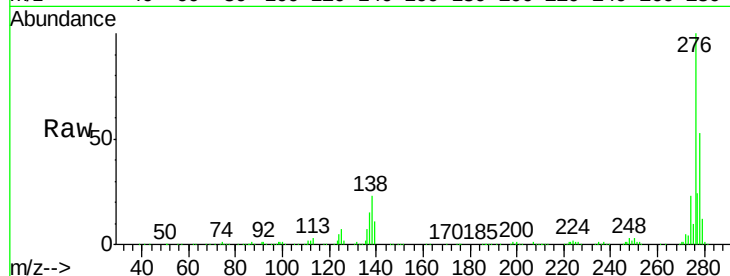




#85
Indeno(1,2,3-cd)pyrene
Concen: 49.42 ng
RT: 16.95 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

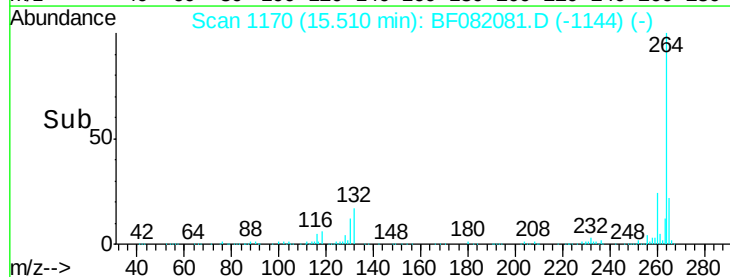
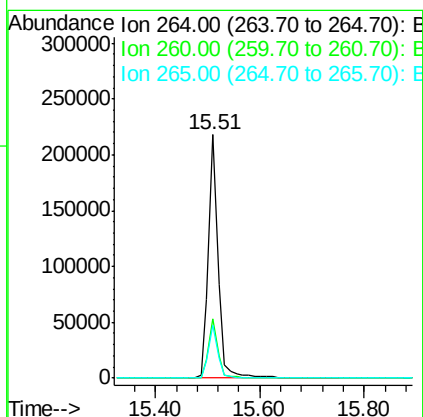
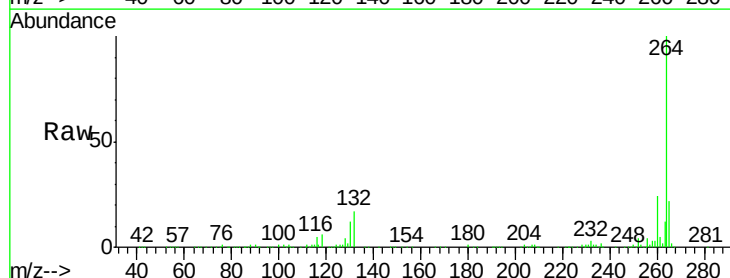
Instrument :
BNA_F
ClientSampleId :
PB85911BS

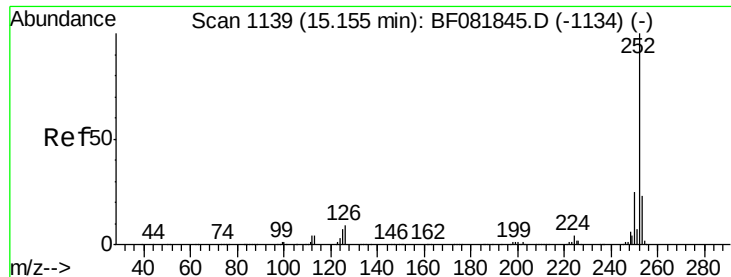
Tot Ion:276 Resp: 629184
Ion Ratio Lower Upper
276 100
138 24.0 25.7 38.5#
277 24.8 15.6 23.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF082081.D
Acq: 6 Oct 2015 13:35

Tgt Ion:264 Resp: 284405
Ion Ratio Lower Upper
264 100
260 24.3 16.7 25.1
265 21.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 48.58 ng

RT: 15.09 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

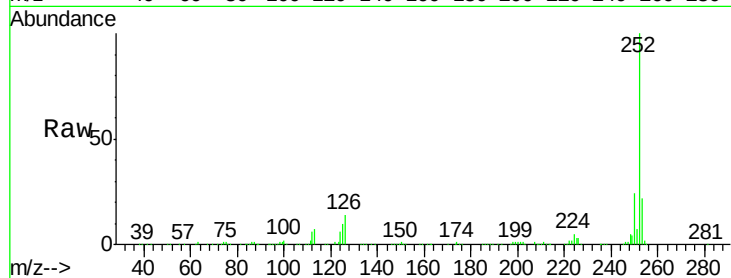
Tot Ion:252 Resp: 788898

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

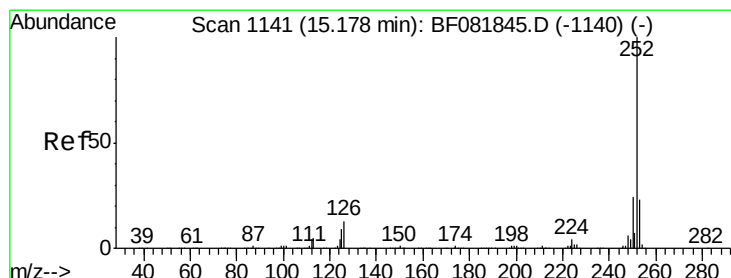
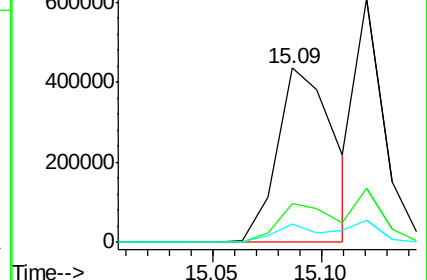
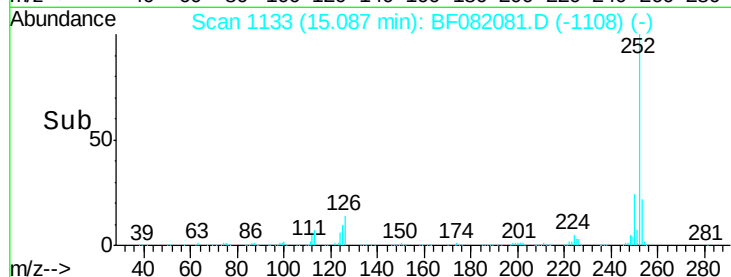
125 10.4 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 53.01 ng

RT: 15.09 min Scan# 1133

Delta R.T. -0.03 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

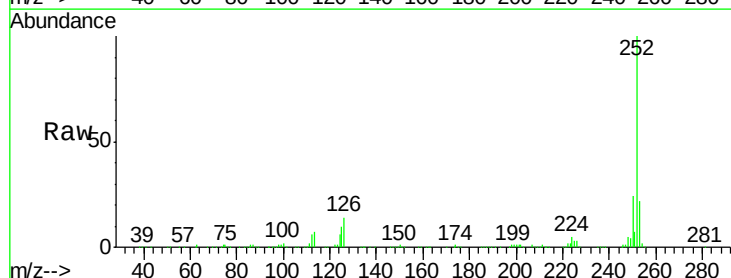
Tgt Ion:252 Resp: 788898

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

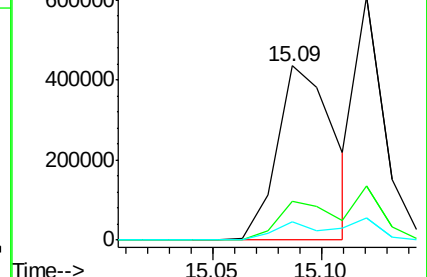
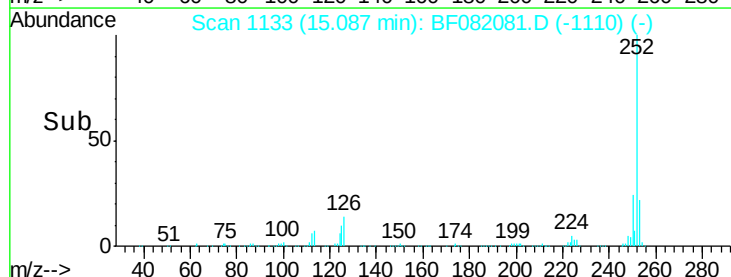
125 10.4 16.0 24.0#

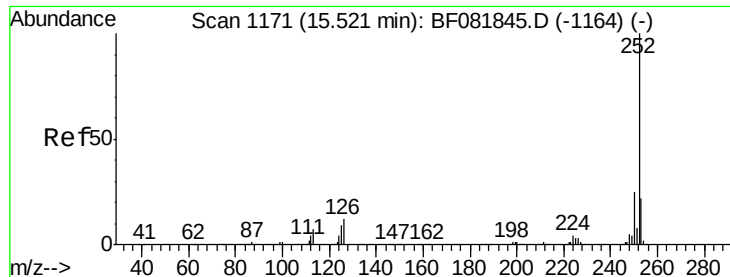


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.97 ng

RT: 15.45 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

Instrument :

BNA_F

ClientSampleId :

PB85911BS

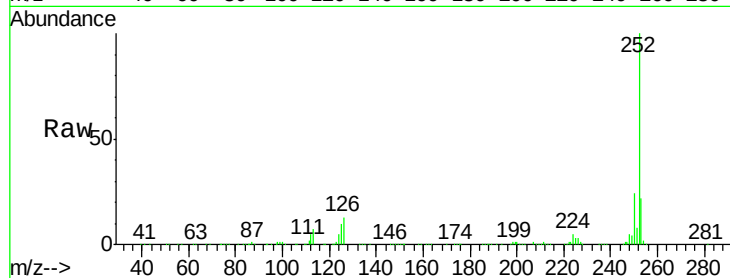
Tot Ion:252 Resp: 661542

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

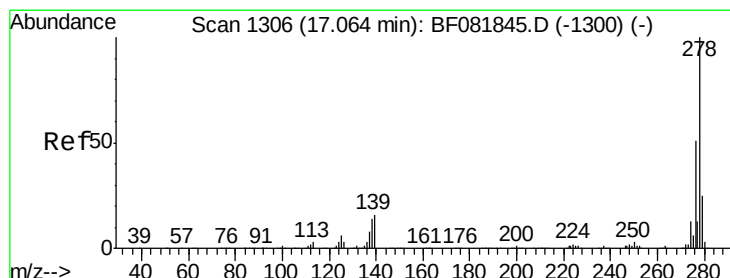
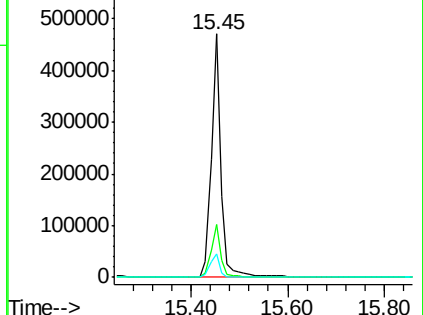
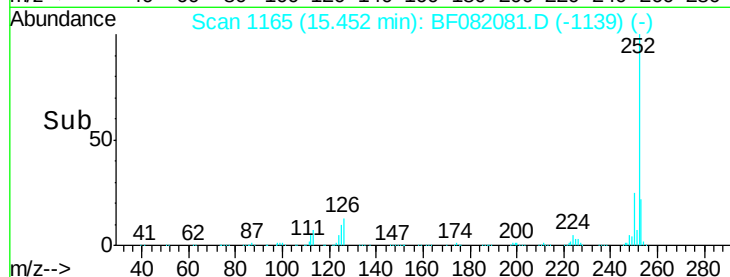
125 9.6 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.87 ng

RT: 16.96 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF082081.D

Acq: 6 Oct 2015 13:35

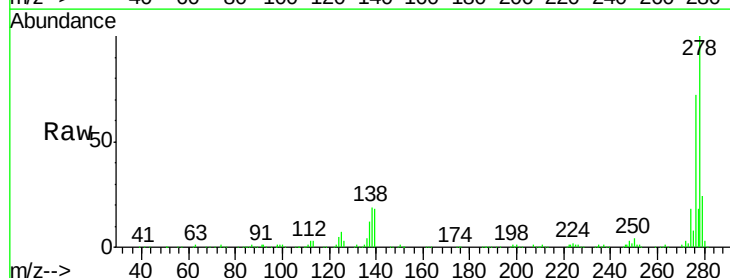
Tgt Ion:278 Resp: 518394

Ion Ratio Lower Upper

278 100

139 17.7 26.3 39.5#

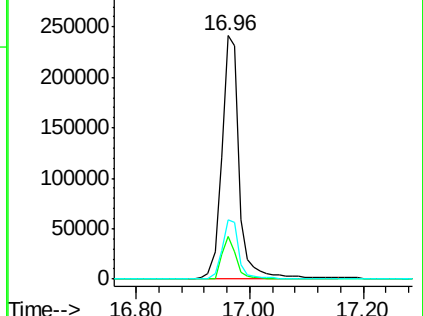
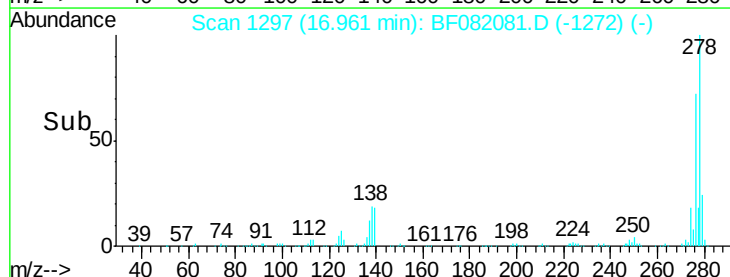
279 24.3 18.2 27.4

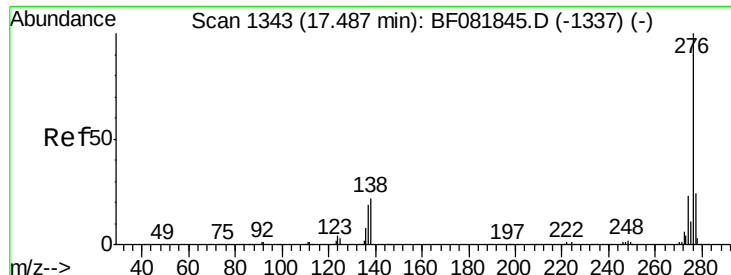


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 41.24 ng
 RT: 17.38 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF082081.D
 Acq: 6 Oct 2015 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB85911BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.8	26.6
138	21.1	34.6	51.8

