

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF081981.D
 Acq On : 2 Oct 2015 14:51
 Operator : UM/IZ
 Sample : PB85875BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85875BS

Quant Time: Oct 05 06:29:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	84472	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	324515	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	156635	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	324292	20.00	ng	-0.03
75) Chrysene-d12	14.08	240	316764	20.00	ng	-0.03
86) Perylene-d12	15.53	264	271410	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	470757	101.17	ng	-0.04
7) Phenol-d6	6.51	99	621990	106.23	ng	-0.05
23) Nitrobenzene-d5	7.45	82	372382	76.49	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	195226	123.07	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	842342	91.30	ng	-0.05
78) Terphenyl-d14	13.02	244	909012	96.13	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	54808	27.08	ng	94
3) Pyridine	3.23	79	160231	30.41	ng	# 84
4) n-Nitrosodimethylamine	3.19	42	74026	30.93	ng	93
6) Aniline	6.55	93	227479	28.92	ng	# 88
8) 2-Chlorophenol	6.67	128	189619	36.90	ng	96
9) Benzaldehyde	6.43	77	35691	9.31	ng	# 79
10) Phenol	6.53	94	246354	37.51	ng	69
11) bis(2-Chloroethyl)ether	6.63	93	197787	38.83	ng	89
12) 1,3-Dichlorobenzene	7.06	146	192559	31.72	ng	98
13) 1,4-Dichlorobenzene	7.06	146	199874	31.54	ng	98
14) 1,2-Dichlorobenzene	7.06	146	212054	37.55	ng	98
15) Benzyl Alcohol	7.03	79	140608	33.27	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.17	45	262095	36.40	ng	81
17) 2-Methylphenol	7.14	107	152462	36.60	ng	# 87
18) Hexachloroethane	7.39	117	71323	35.95	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	134489	37.79	ng	# 76
20) 3+4-Methylphenols	7.29	107	186438	35.43	ng	# 73
22) Acetophenone	7.30	105	263389	39.70	ng	# 84
24) Nitrobenzene	7.47	77	198345	37.52	ng	# 73
25) Isophorone	7.71	82	358998	37.21	ng	# 95
26) 2-Nitrophenol	7.79	139	103432	40.76	ng	# 82
27) 2,4-Dimethylphenol	7.83	122	173711	38.91	ng	# 84
28) bis(2-Chloroethoxy)methane	7.93	93	213169	37.20	ng	# 95
29) 2,4-Dichlorophenol	8.03	162	171894	39.71	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	185102	38.31	ng	98
31) Naphthalene	8.19	128	568169	39.51	ng	98
32) Benzoic acid	7.92	122	69499	29.39	ng	# 72
33) 4-Chloroaniline	8.25	127	160358	25.79	ng	# 95
34) Hexachlorobutadiene	8.31	225	105898	37.06	ng	99
35) Caprolactam	8.62	113	50318	41.99	ng	99
36) 4-Chloro-3-methylphenol	8.73	107	169110	39.96	ng	94
37) 2-Methylnaphthalene	8.89	142	379750	38.69	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	184013	38.27	ng	98
40) Hexachlorocyclopentadiene	9.04	237	213861	86.36	ng	97

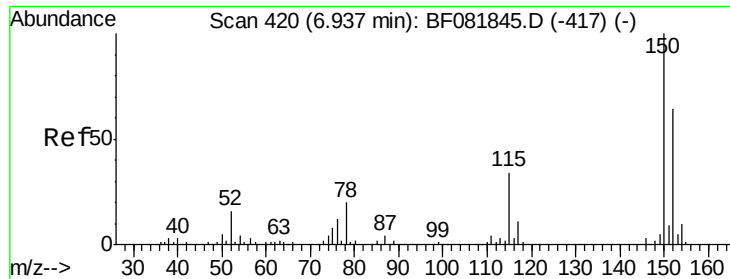
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF081981.D
 Acq On : 2 Oct 2015 14:51
 Operator : UM/IZ
 Sample : PB85875BS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	117508	35.64	ng	100
43) 2,4,5-Trichlorophenol	9.21	196	151361	44.65	ng	97
45) 1,1'-Biphenyl	9.36	154	483851	40.04	ng	94
46) 2-Chloronaphthalene	9.38	162	385336	40.61	ng	97
47) 2-Nitroaniline	9.49	65	107883	38.73	ng	90
48) Acenaphthylene	9.79	152	574067	37.80	ng	97
49) Dimethylphthalate	9.66	163	424188	39.23	ng	# 97
50) 2,6-Dinitrotoluene	9.73	165	101018	43.04	ng	# 84
51) Acenaphthene	9.97	154	378350	41.95	ng	90
52) 3-Nitroaniline	9.90	138	82962	30.55	ng	# 77
53) 2,4-Dinitrophenol	10.00	184	74538	70.84	ng	# 61
54) Dibenzofuran	10.15	168	521994	40.96	ng	94
55) 4-Nitrophenol	10.06	139	152380	77.66	ng	# 61
56) 2,4-Dinitrotoluene	10.13	165	133072	44.47	ng	# 80
57) Fluorene	10.49	166	418438	45.95	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.26	232	127762	47.51	ng	89
59) Diethylphthalate	10.37	149	448192	44.38	ng	98
60) 4-Chlorophenyl-phenylether	10.48	204	202457	43.39	ng	91
61) 4-Nitroaniline	10.51	138	108300	39.77	ng	# 50
62) Azobenzene	10.64	77	438072	44.45	ng	91
64) 4,6-Dinitro-2-methylphenol	10.54	198	59071	41.49	ng	# 73
65) n-Nitrosodiphenylamine	10.61	169	376896	38.41	ng	93
66) 4-Bromophenyl-phenylether	10.97	248	133464	40.82	ng	99
67) Hexachlorobenzene	11.03	284	129139	35.00	ng	# 87
68) Atrazine	11.13	200	128760	42.29	ng	83
69) Pentachlorophenol	11.23	266	149285	71.00	ng	98
70) Phenanthrene	11.45	178	658415	42.08	ng	96
71) Anthracene	11.51	178	690332	41.88	ng	97
72) Carbazole	11.67	167	624347	41.85	ng	97
73) Di-n-butylphthalate	11.99	149	693081	45.63	ng	# 98
74) Fluoranthene	12.64	202	690260	39.73	ng	92
76) Benzidine	12.78	184	359467	37.66	ng	98
77) Pyrene	12.87	202	714030	37.73	ng	96
79) Butylbenzylphthalate	13.50	149	328019	46.07	ng	97
80) Benzo(a)anthracene	14.07	228	663771	38.91	ng	96
81) 3,3'-Dichlorobenzidine	14.04	252	186899	32.44	ng	# 94
82) Chrysene	14.10	228	713077	52.24	ng	94
83) Bis(2-ethylhexyl)phthalate	14.06	149	433535	48.54	ng	# 93
84) Di-n-octyl phthalate	14.68	149	744044	51.19	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.98	276	532502	39.91	ng	# 88
87) Benzo(b)fluoranthene	15.14	252	1292495	83.41	ng	# 85
88) Benzo(k)fluoranthene	15.14	252	1294036	91.11	ng	# 86
89) Benzo(a)pyrene	15.48	252	595278	44.29	ng	# 85
90) Dibenzo(a,h)anthracene	17.01	278	447947	39.72	ng	# 81
91) Benzo(g,h,i)perylene	17.43	276	424152	36.70	ng	# 74

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

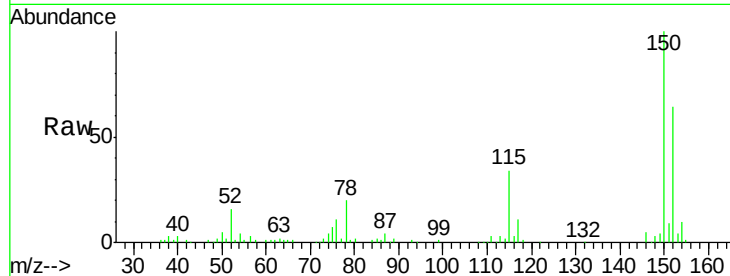


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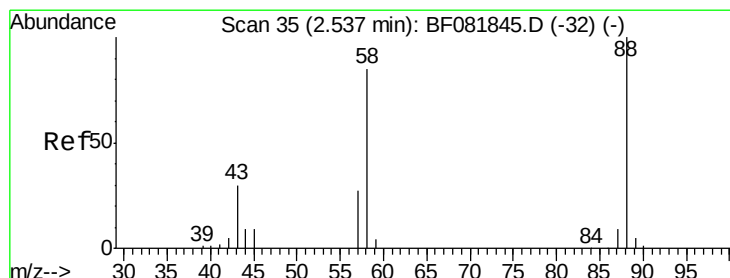
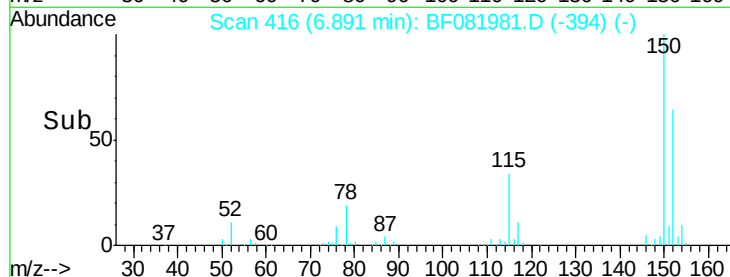
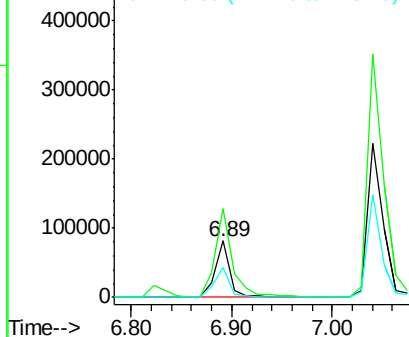
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. -0.05 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB85875BS

Tgt Ion: 152 Resp: 84472
Ion Ratio Lower Upper
152 100
150 155.8 124.7 187.1
115 52.3 39.0 58.4



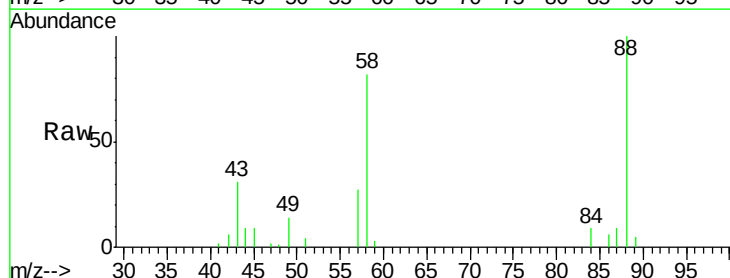
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



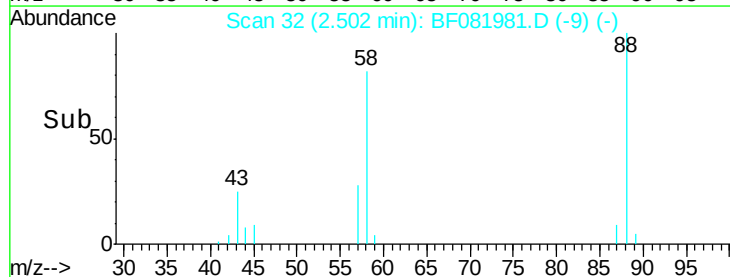
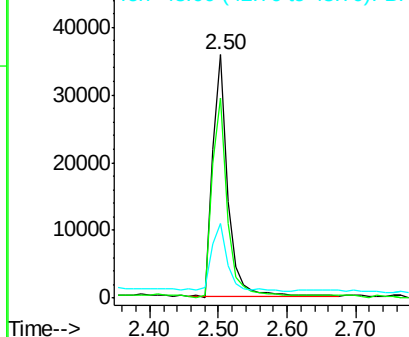
#2

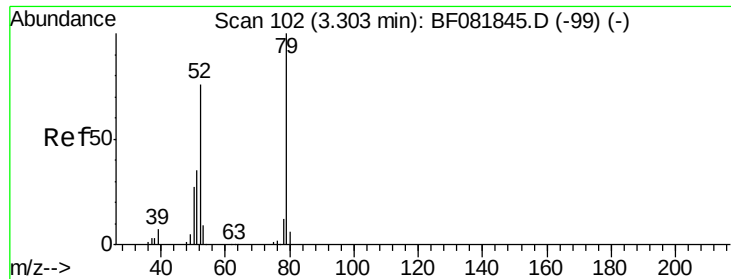
1,4-Dioxane
Concen: 27.08 ng
RT: 2.50 min Scan# 32
Delta R.T. -0.03 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

Tgt Ion: 88 Resp: 54808
Ion Ratio Lower Upper
88 100
58 91.7 77.7 116.5
43 29.8 26.6 40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.41 ng

RT: 3.23 min Scan# 96

Delta R.T. -0.07 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB85875BS

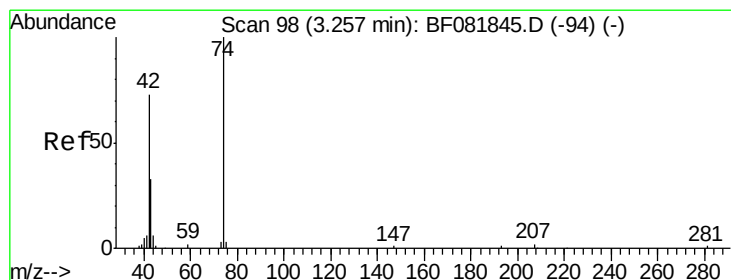
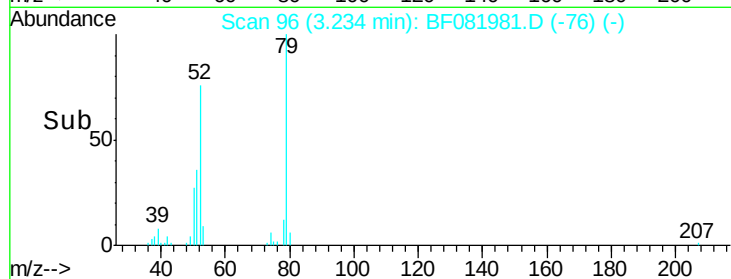
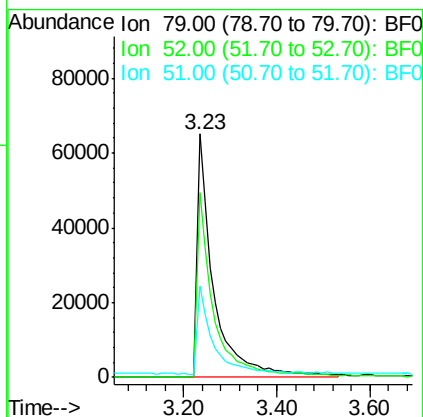
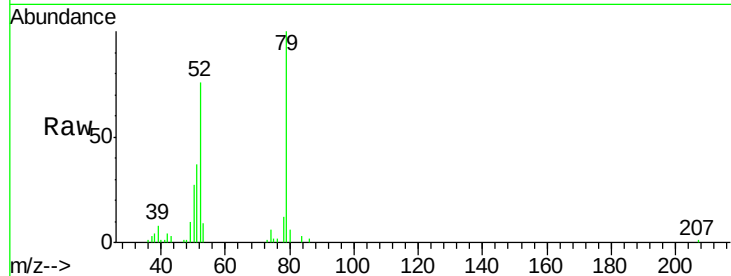
Tgt Ion: 79 Resp: 160231

Ion Ratio Lower Upper

79 100

52 75.6 76.8 115.2#

51 37.3 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 30.93 ng

RT: 3.19 min Scan# 92

Delta R.T. -0.07 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

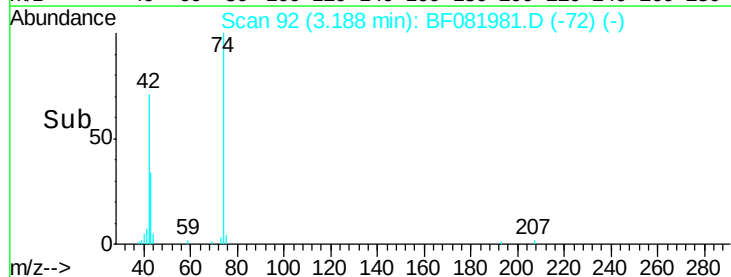
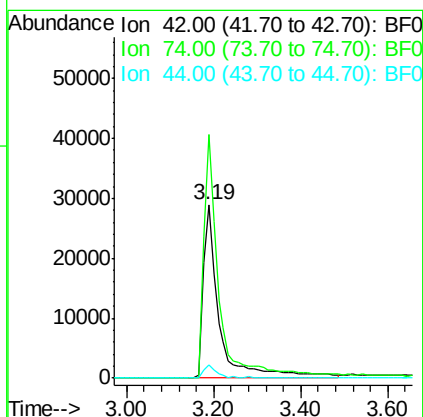
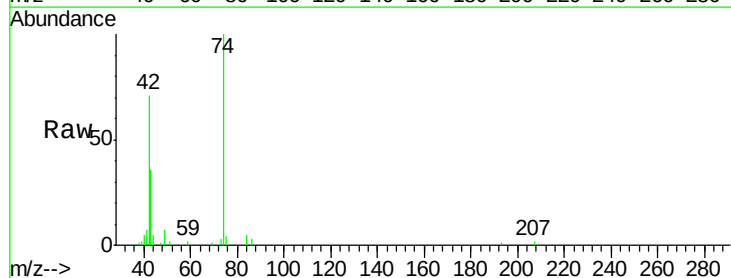
Tgt Ion: 42 Resp: 74026

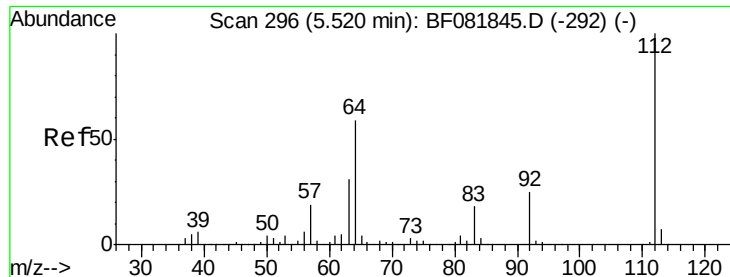
Ion Ratio Lower Upper

42 100

74 140.4 105.0 157.6

44 7.5 6.6 10.0





#5

2-Fluorophenol

Concen: 101.17 ng

RT: 5.47 min Scan# 292

Delta R.T. -0.04 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB85875BS

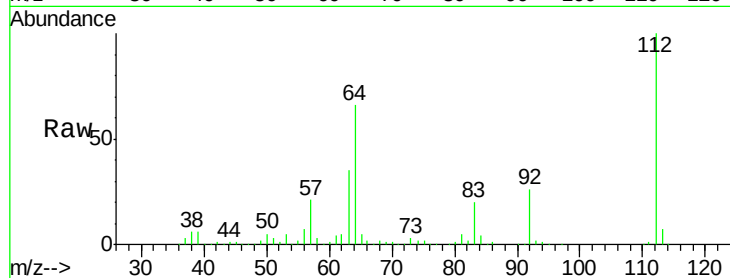
Tgt Ion: 112 Resp: 470757

Ion Ratio Lower Upper

112 100

64 65.8 39.7 59.5#

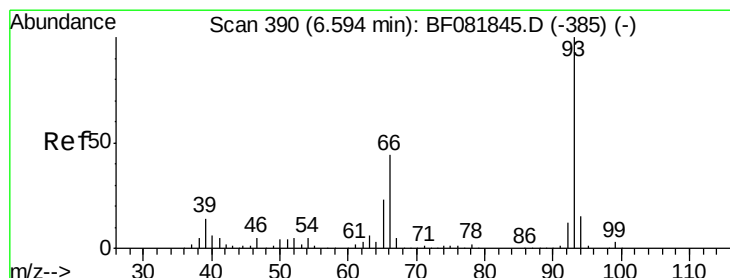
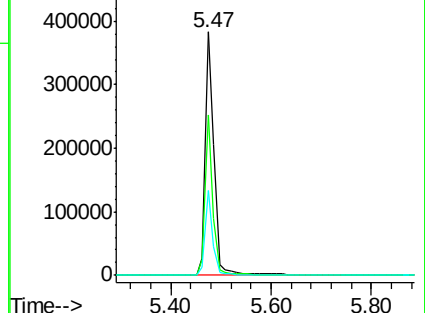
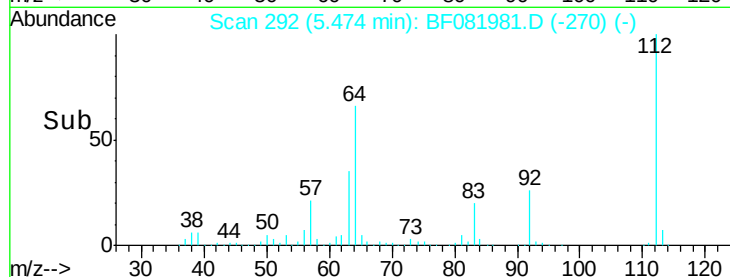
63 34.8 17.4 26.0#



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: 28.92 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

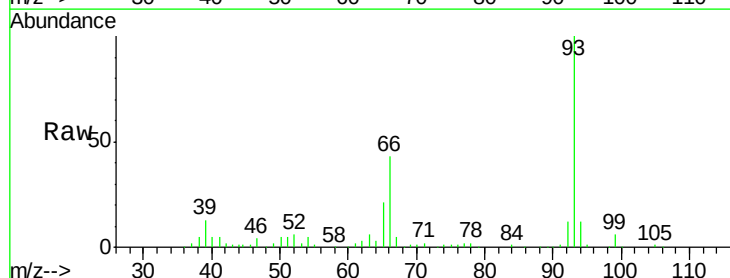
Tgt Ion: 93 Resp: 227479

Ion Ratio Lower Upper

93 100

66 42.6 27.2 40.8#

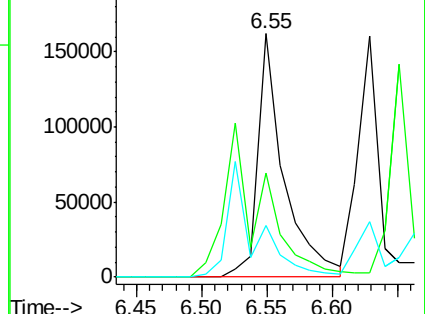
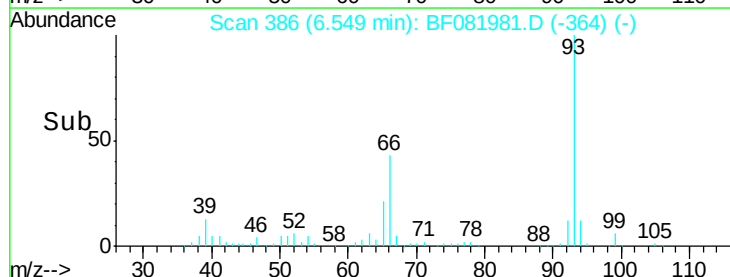
65 21.2 14.7 22.1

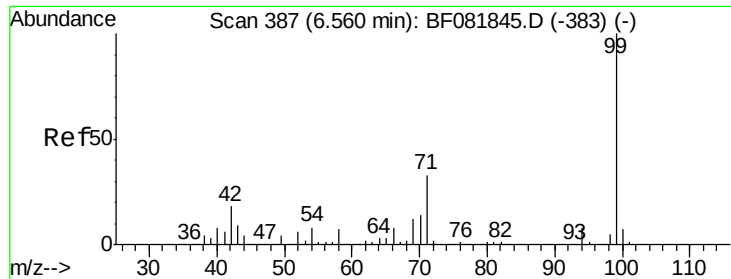


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 106.23 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB85875BS

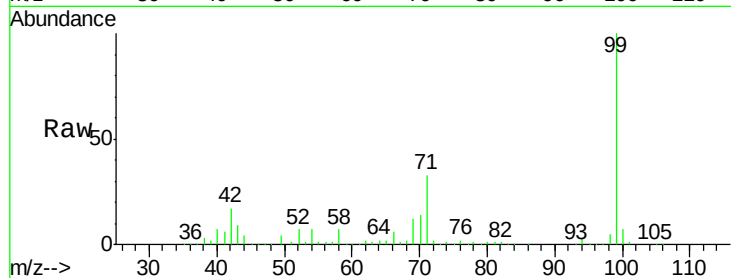
Tgt Ion: 99 Resp: 621990

Ion Ratio Lower Upper

99 100

42 17.4 13.7 20.5

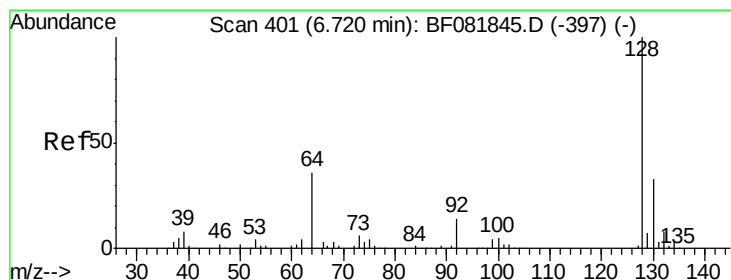
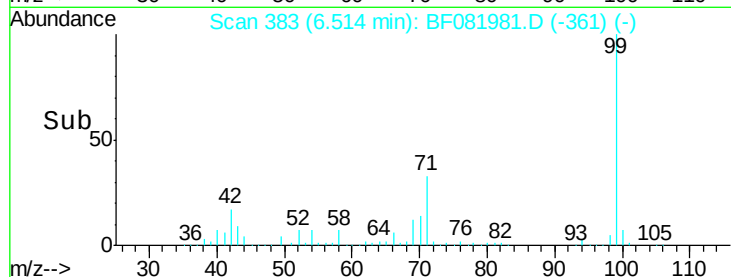
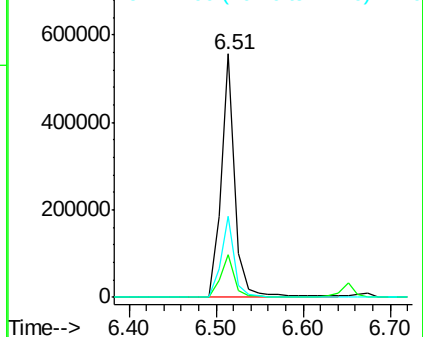
71 33.1 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.90 ng

RT: 6.67 min Scan# 397

Delta R.T. -0.05 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

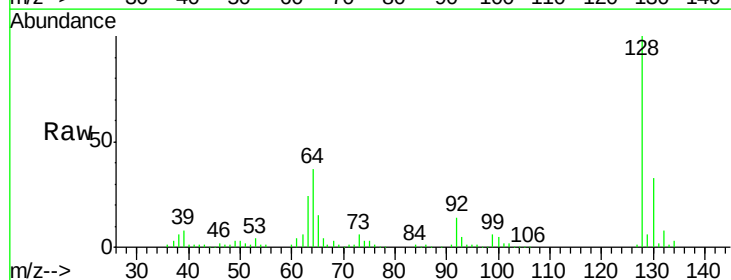
Tgt Ion: 128 Resp: 189619

Ion Ratio Lower Upper

128 100

130 33.0 12.2 52.2

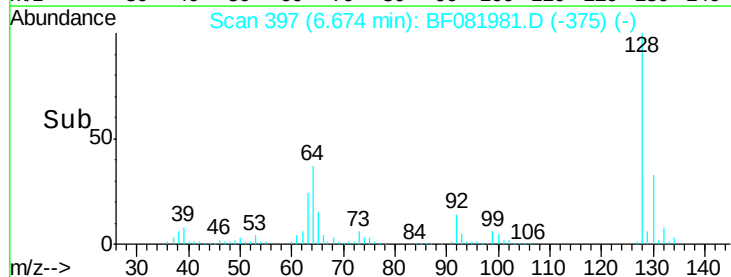
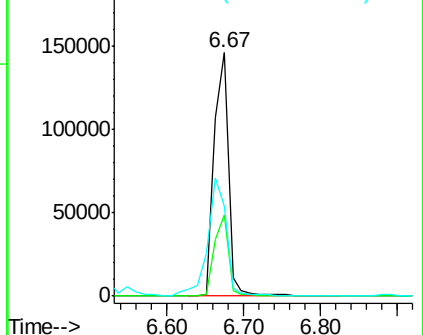
64 36.8 20.5 60.5

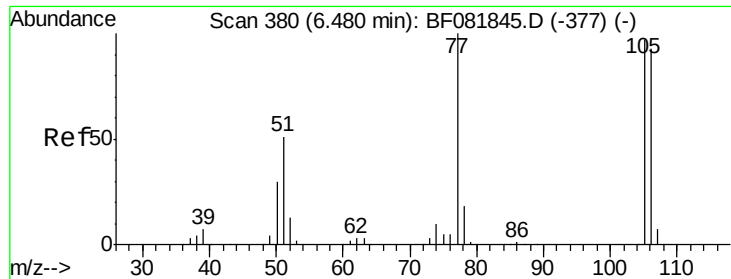


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.31 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB85875BS

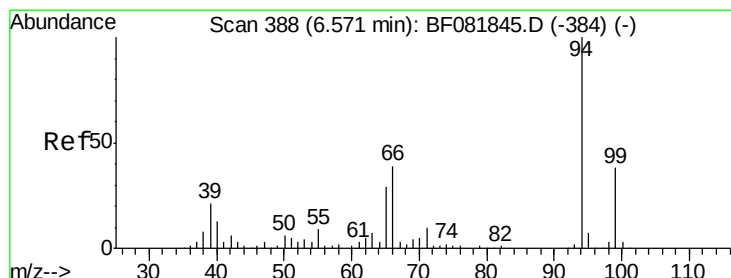
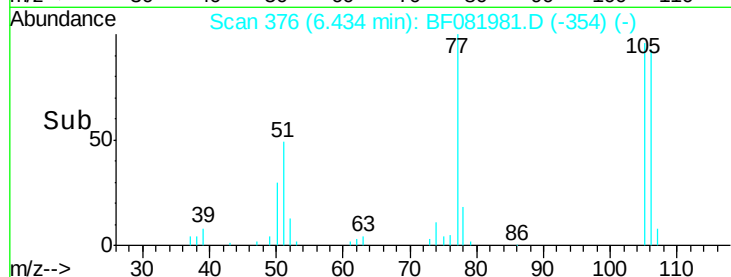
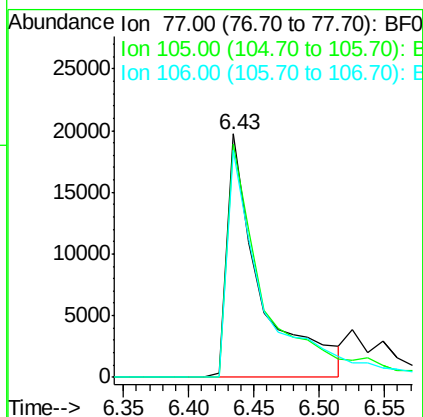
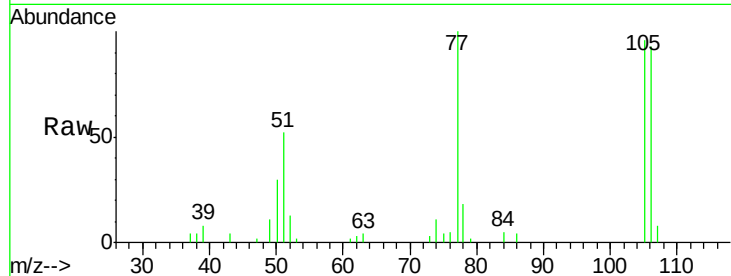
Tgt Ion: 77 Resp: 35691

Ion Ratio Lower Upper

77 100

105 95.8 91.6 131.6

106 93.2 102.6 142.6#



#10

Phenol

Concen: 37.51 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

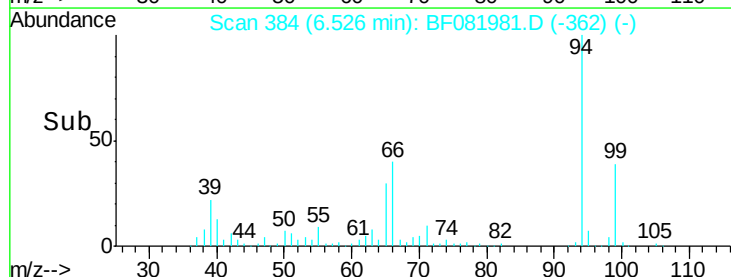
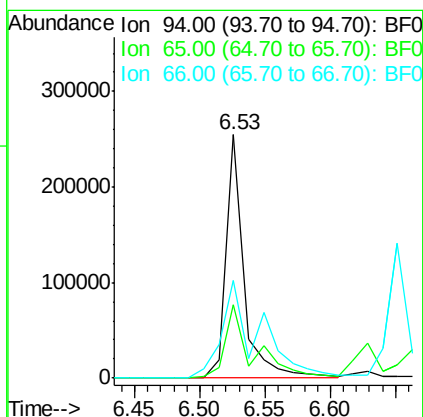
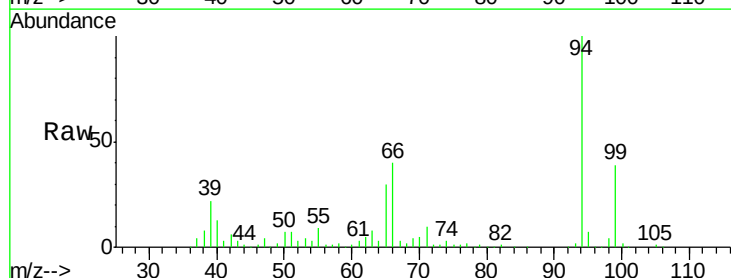
Tgt Ion: 94 Resp: 246354

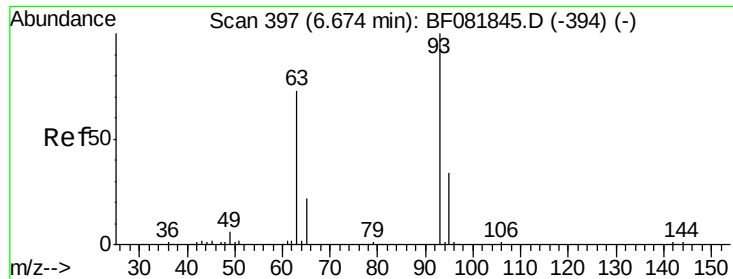
Ion Ratio Lower Upper

94 100

65 30.1 0.7 40.7

66 40.3 0.8 40.8

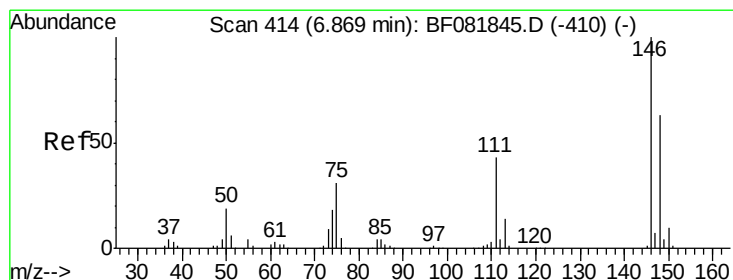
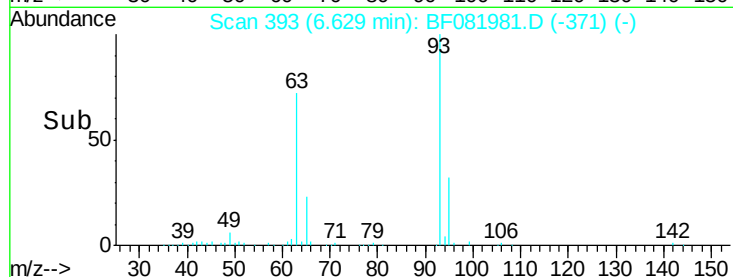
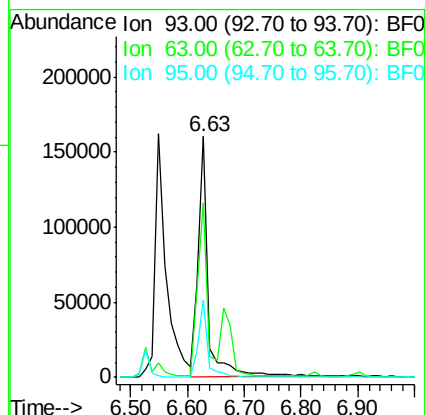
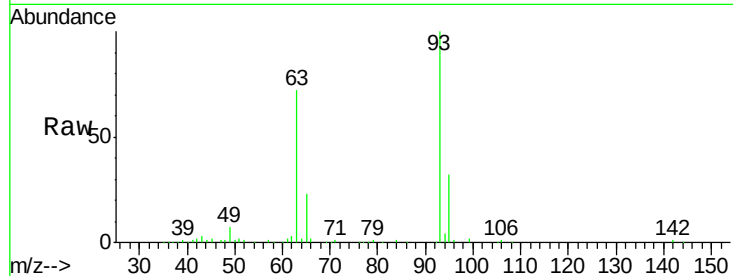




#11
 bis(2-Chloroethyl)ether
 Concen: 38.83 ng
 RT: 6.63 min Scan# 393
 Delta R.T. -0.05 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

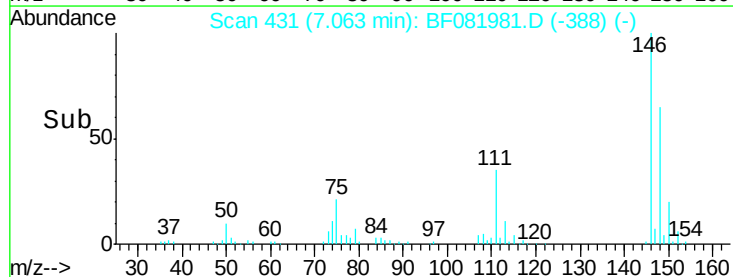
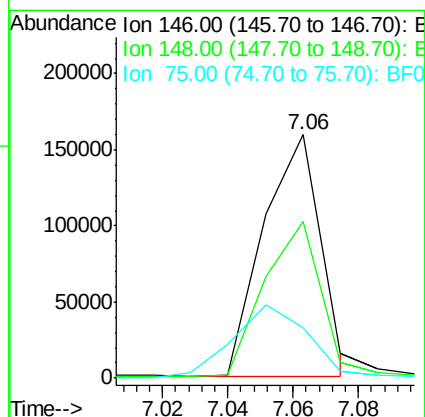
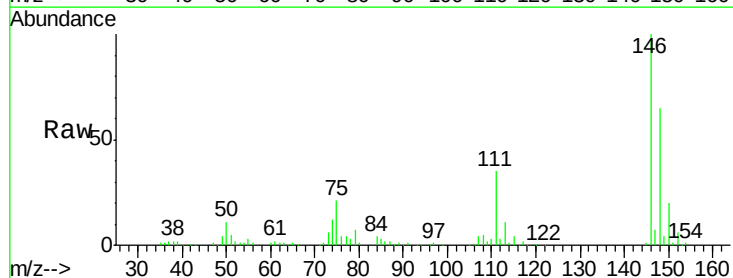
Instrument :
 BNA_F
 ClientSampleId :
 PB85875BS

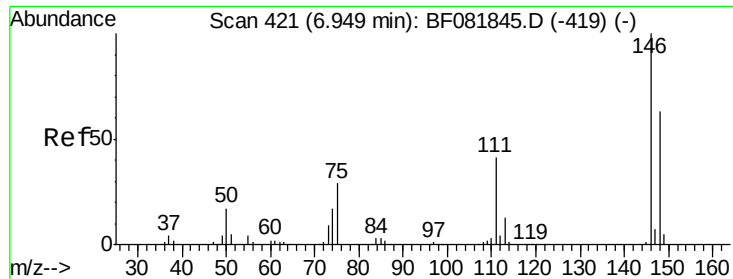
Tgt Ion: 93 Resp: 197787
 Ion Ratio Lower Upper
 93 100
 63 72.3 65.6 105.6
 95 32.3 13.6 53.6



#12
 1,3-Dichlorobenzene
 Concen: 31.72 ng
 RT: 7.06 min Scan# 431
 Delta R.T. 0.19 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

Tgt Ion: 146 Resp: 192559
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.0 76.4
 75 20.5 15.0 22.6

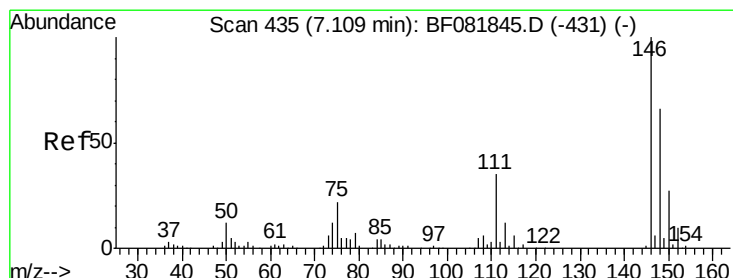
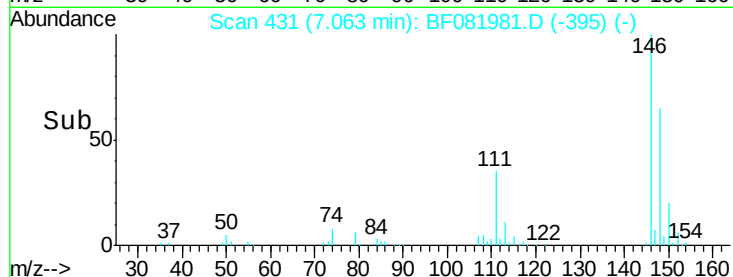
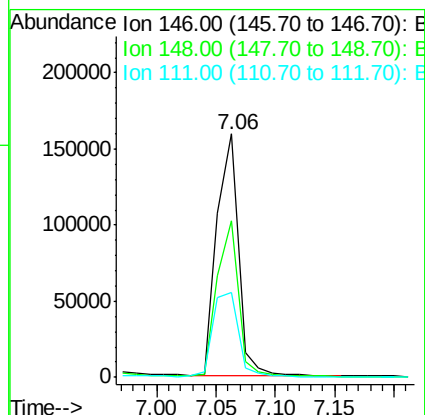
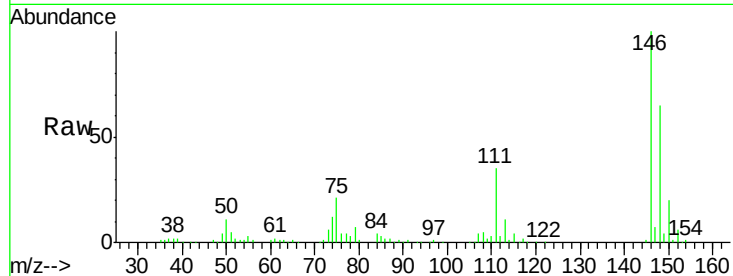




#13
 1,4-Dichlorobenzene
 Concen: 31.54 ng
 RT: 7.06 min Scan# 431
 Delta R.T. 0.11 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

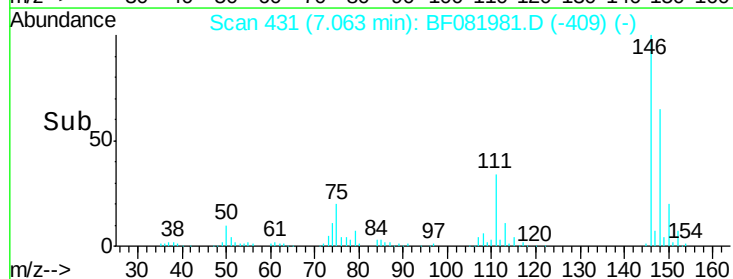
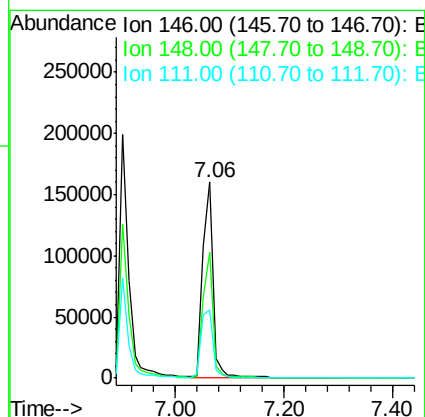
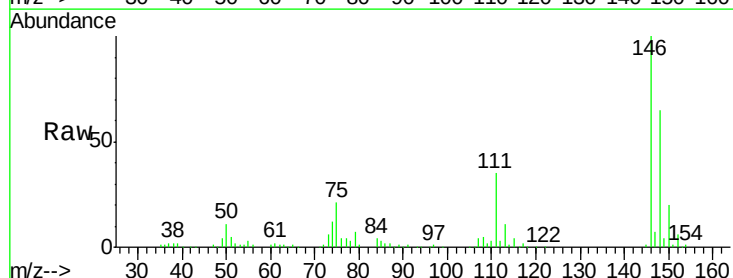
Instrument :
 BNA_F
 ClientSampleId :
 PB85875BS

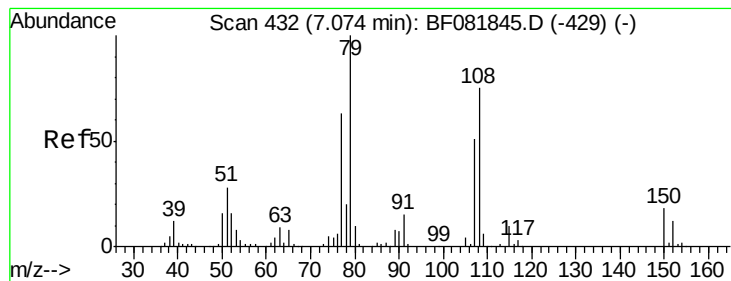
Tgt Ion:146 Resp: 199874
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.6
 111 34.9 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 37.55 ng
 RT: 7.06 min Scan# 431
 Delta R.T. -0.05 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

Tgt Ion:146 Resp: 212054
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.7 79.1
 111 34.9 28.8 43.2





#15

Benzyl Alcohol

Concen: 33.27 ng

RT: 7.03 min Scan# 428

Delta R.T. -0.05 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB85875BS

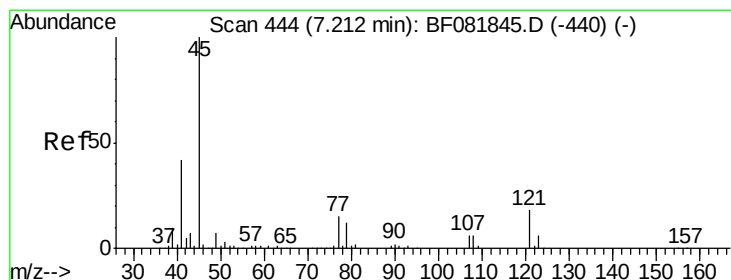
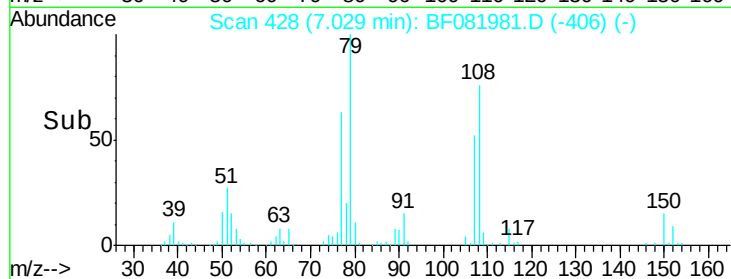
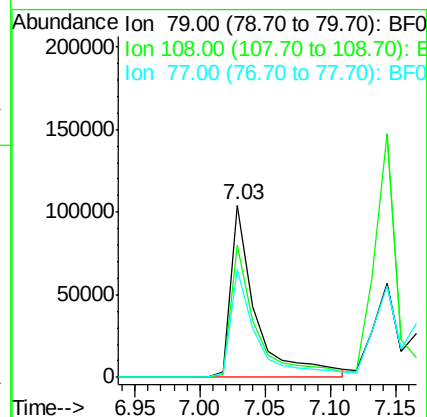
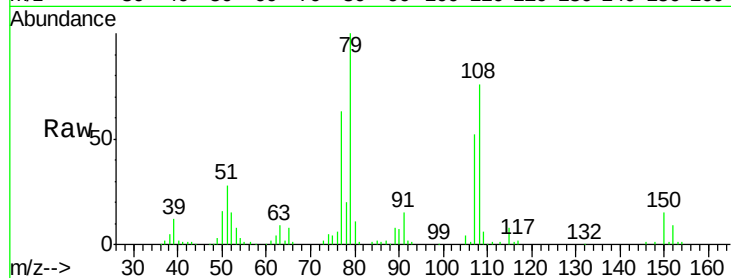
Tgt Ion: 79 Resp: 140608

Ion Ratio Lower Upper

79 100

108 76.5 88.6 132.8#

77 62.6 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.40 ng

RT: 7.17 min Scan# 440

Delta R.T. -0.05 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

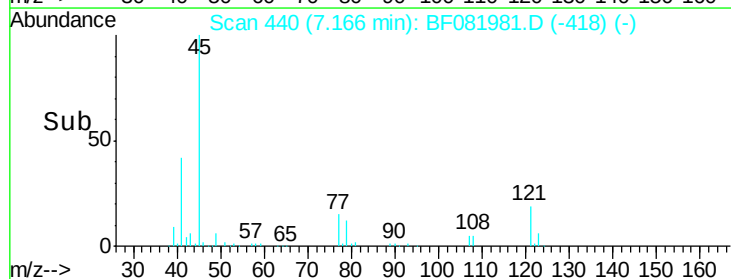
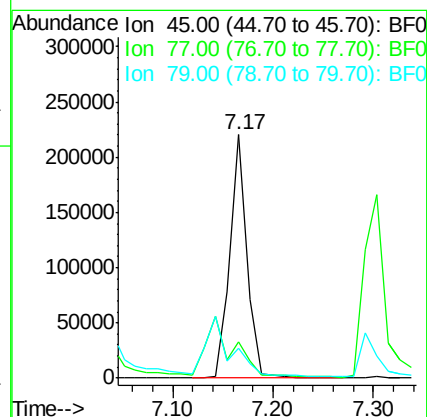
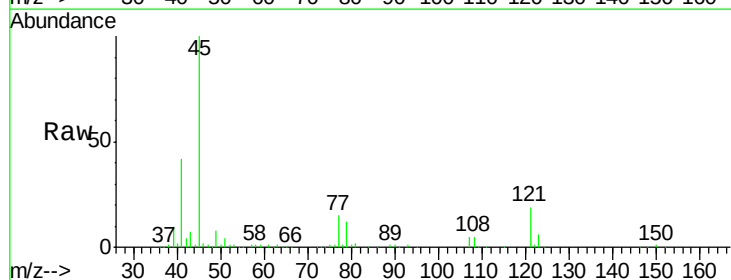
Tgt Ion: 45 Resp: 262095

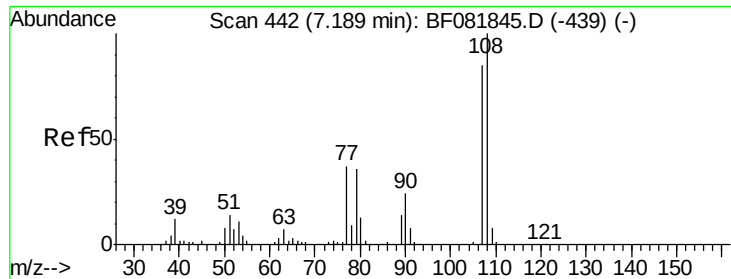
Ion Ratio Lower Upper

45 100

77 15.0 0.0 28.1

79 12.0 0.0 26.0

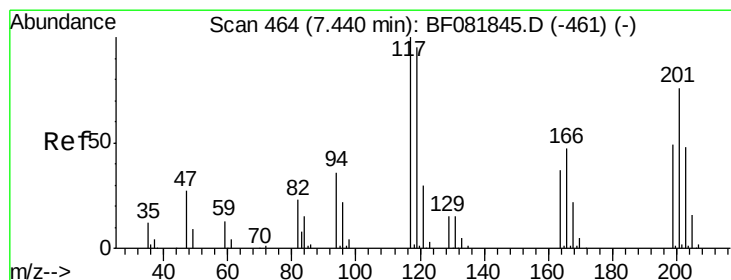
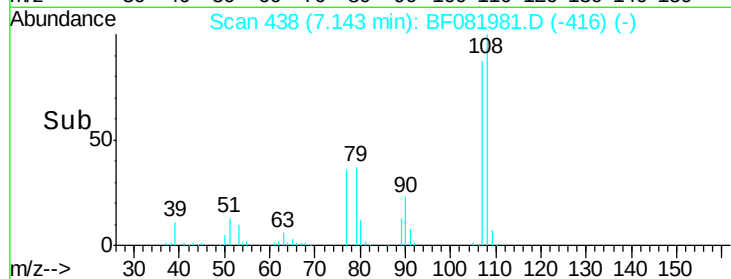
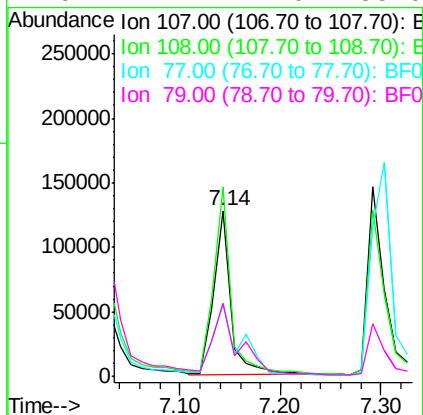
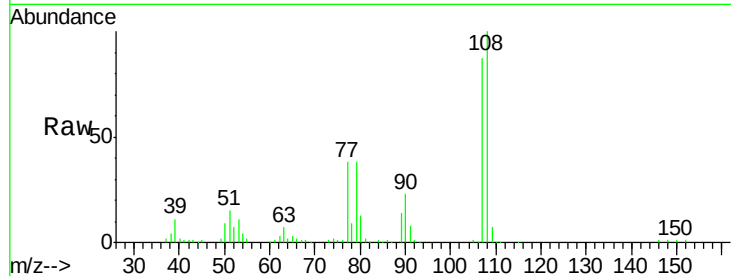




#17
2-Methylphenol
Concen: 36.60 ng
RT: 7.14 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

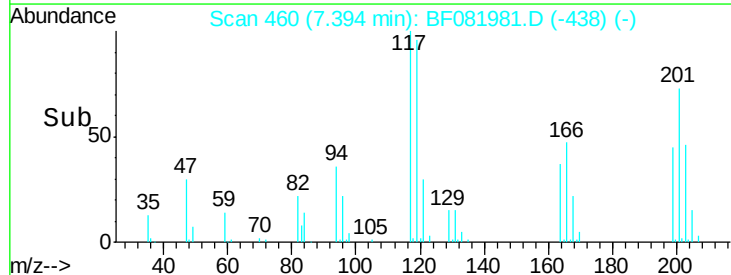
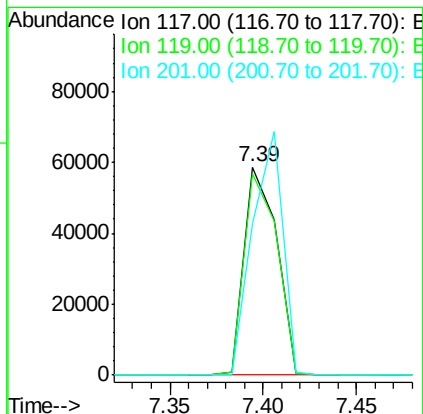
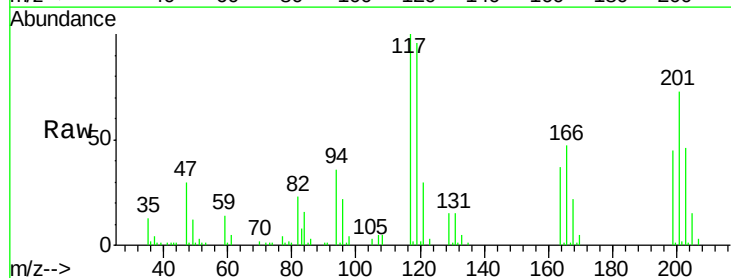
Instrument :
BNA_F
ClientSampleId :
PB85875BS

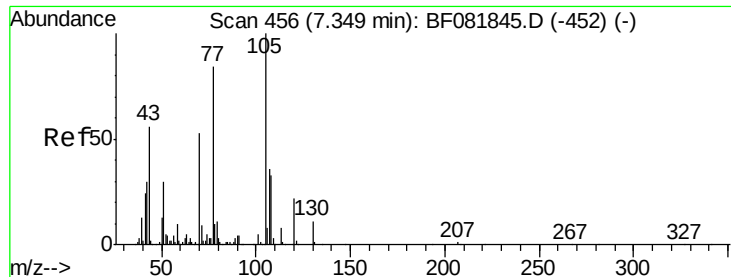
Tgt Ion:107 Resp: 152462
Ion Ratio Lower Upper
107 100
108 114.9 96.6 145.0
77 43.3 23.3 34.9#
79 44.1 22.0 33.0#



#18
Hexachloroethane
Concen: 35.95 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.05 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

Tgt Ion:117 Resp: 71323
Ion Ratio Lower Upper
117 100
119 96.5 83.8 125.6
201 73.0 55.1 82.7

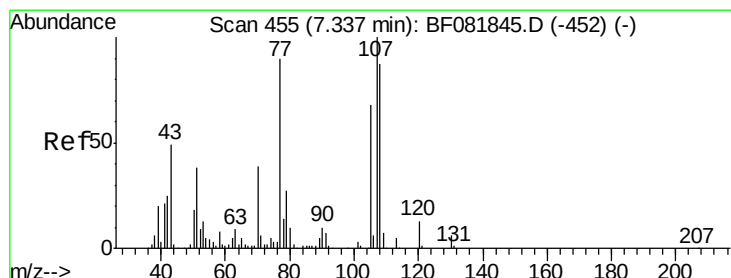
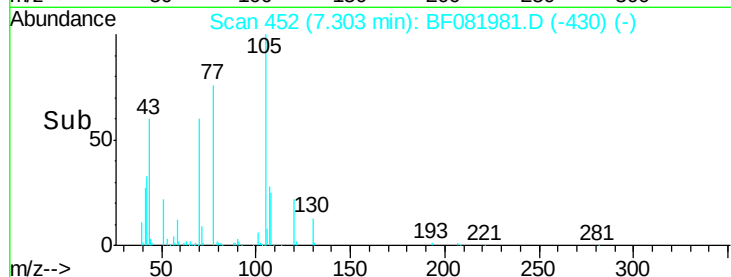
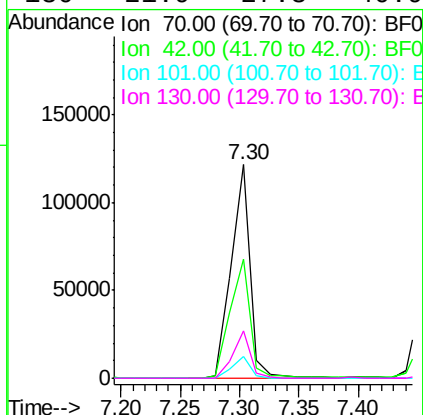
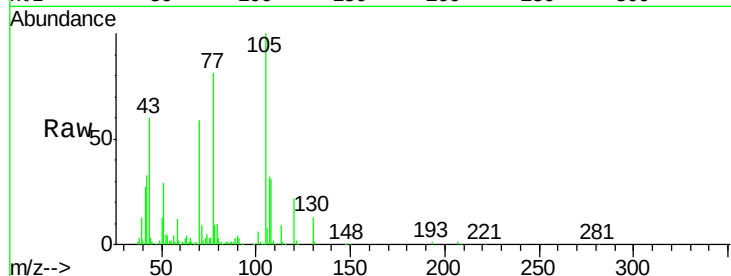




#19
n-Nitroso-di-n-propylamine
Concen: 37.79 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

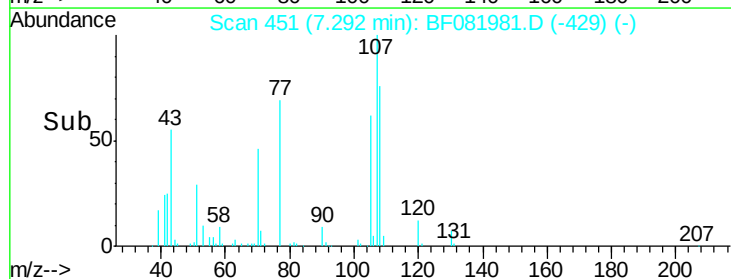
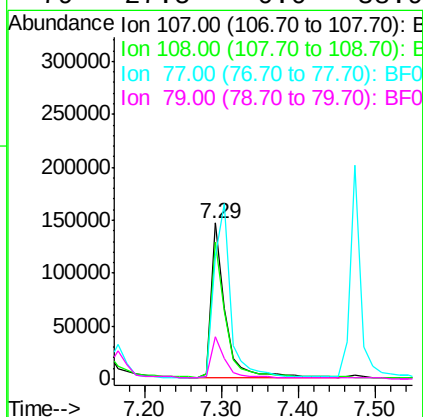
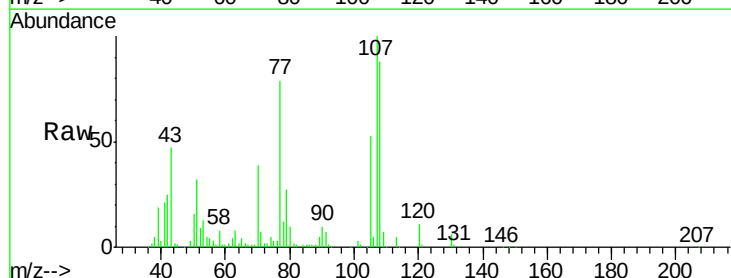
Instrument :
BNA_F
ClientSampleId :
PB85875BS

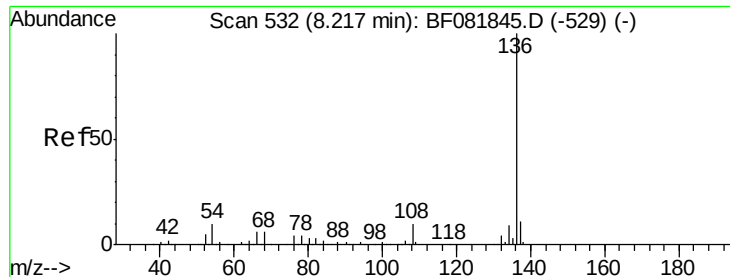
Tgt Ion:	70	Resp:	134489
Ion	Ratio	Lower	Upper
70	100		
42	55.5	63.8	95.6#
101	10.3	9.2	13.8
130	21.9	27.3	40.9#



#20
3+4-Methylphenols
Concen: 35.43 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

Tgt Ion:	107	Resp:	186438
Ion	Ratio	Lower	Upper
107	100		
108	87.5	74.6	114.6
77	78.6	0.7	40.7#
79	27.5	0.0	38.9

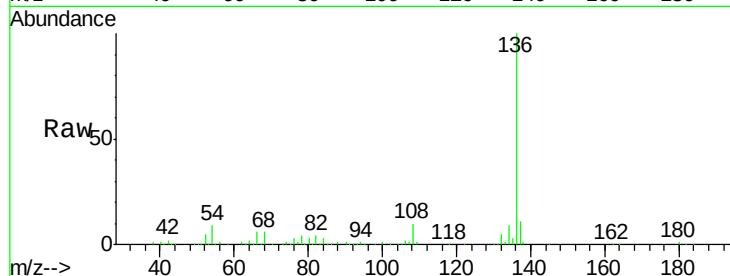




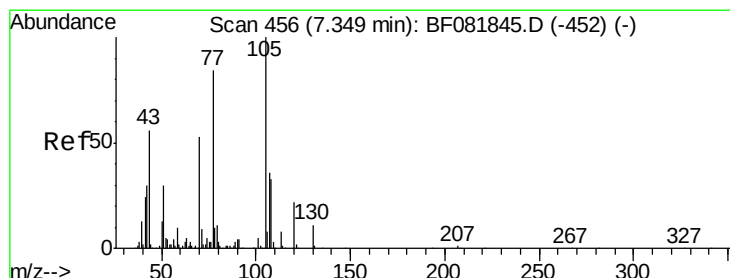
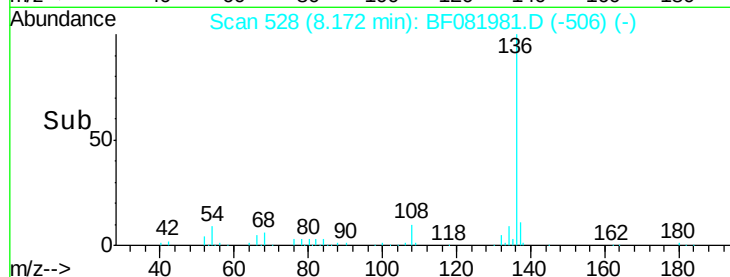
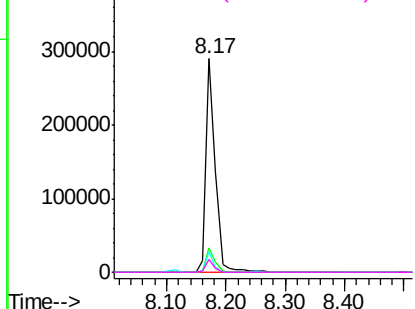
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB85875BS

Tgt Ion:	136	Resp:	324515
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.3	8.2	12.2
68	6.0	5.8	8.6

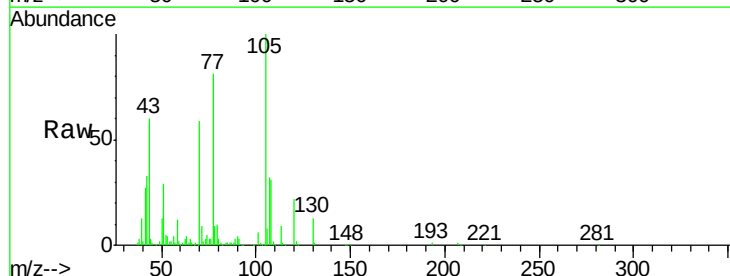


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

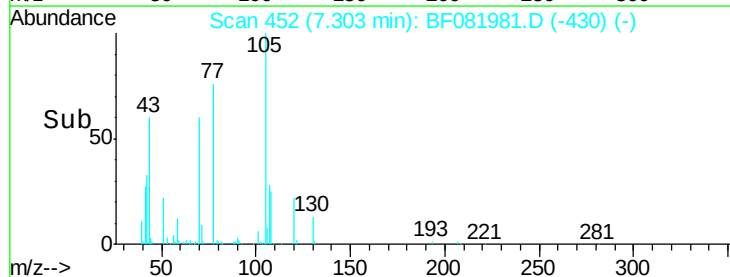
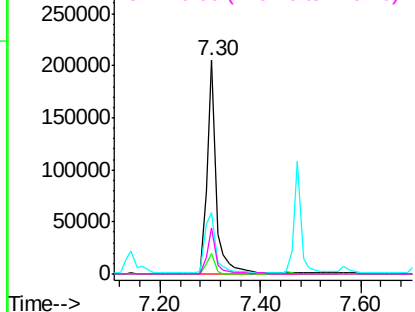


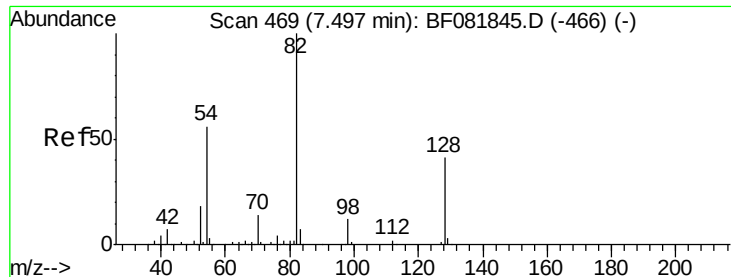
#22
Acetophenone
Concen: 39.70 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

Tgt Ion:	105	Resp:	263389
Ion	Ratio	Lower	Upper
105	100		
71	9.5	4.7	7.1#
51	28.7	22.0	33.0
120	21.7	30.1	45.1#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

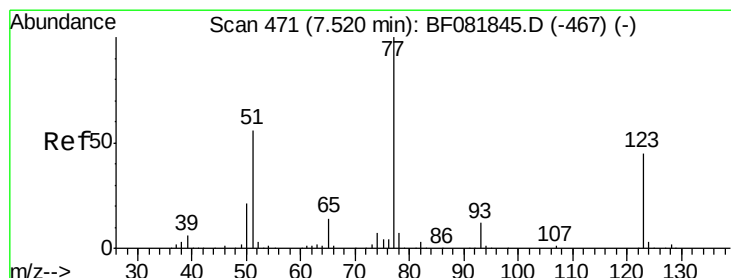
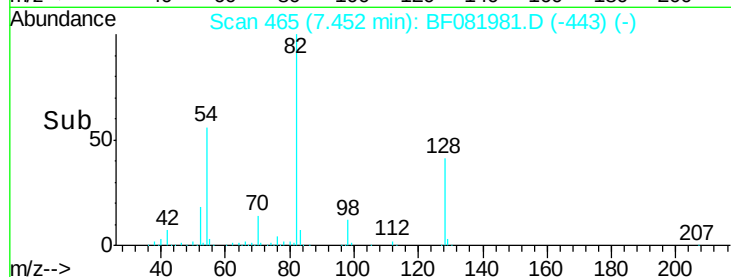
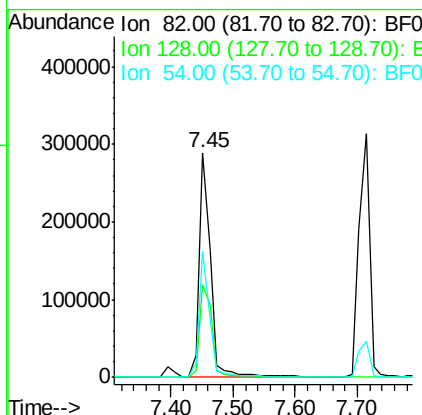
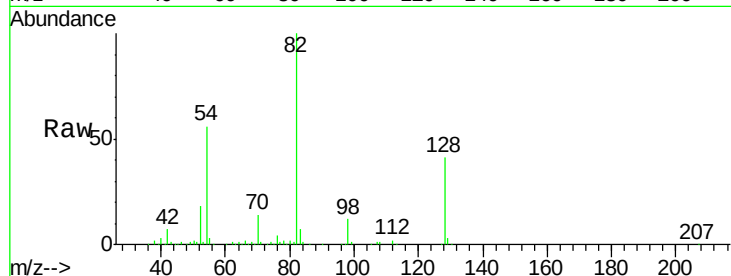




#23
 Nitrobenzene-d5
 Concen: 76.49 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.05 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

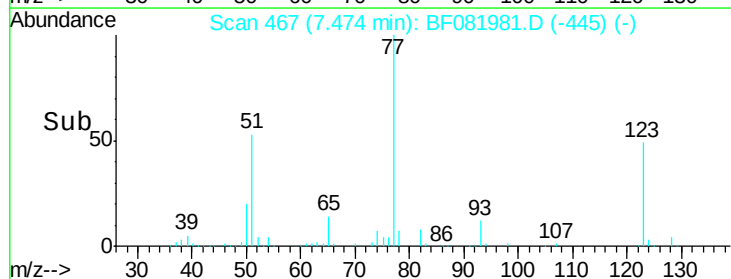
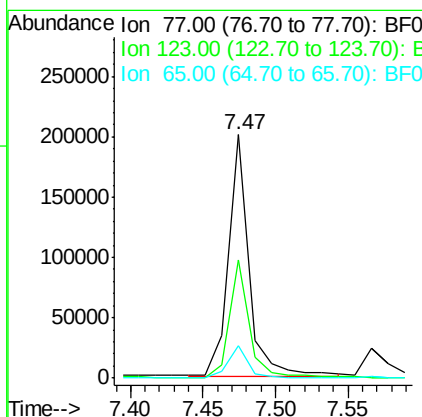
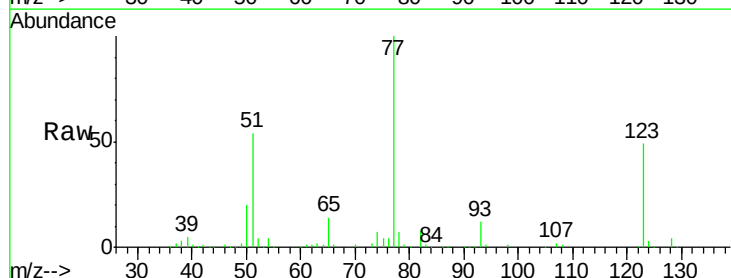
Instrument :
 BNA_F
 ClientSampleId :
 PB85875BS

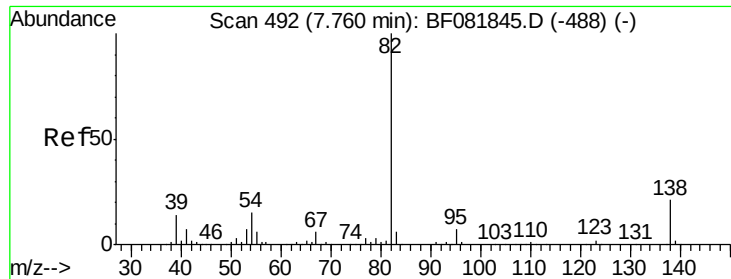
Tgt Ion: 82 Resp: 372382
 Ion Ratio Lower Upper
 82 100
 128 41.3 51.0 76.6#
 54 55.8 47.5 71.3



#24
 Nitrobenzene
 Concen: 37.52 ng
 RT: 7.47 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

Tgt Ion: 77 Resp: 198345
 Ion Ratio Lower Upper
 77 100
 123 48.7 59.8 89.8#
 65 13.5 10.2 15.4





#25

Isophorone

Concen: 37.21 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.05 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB85875BS

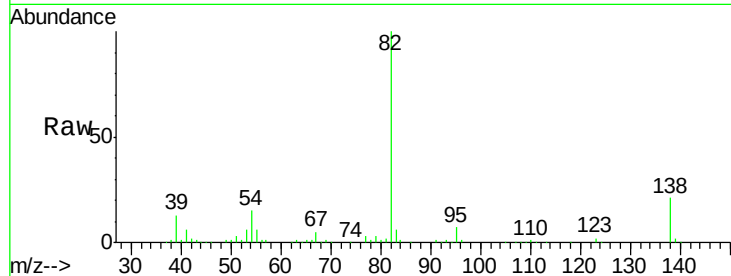
Tgt Ion: 82 Resp: 358998

Ion Ratio Lower Upper

82 100

95 7.4 4.0 6.0#

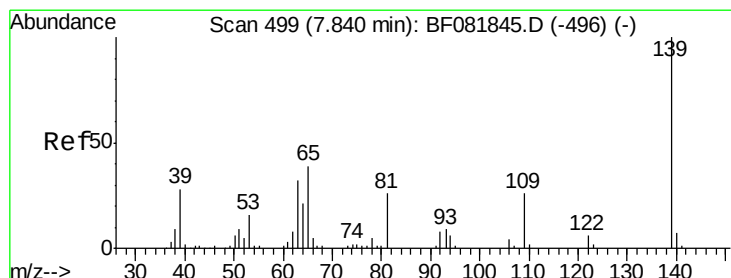
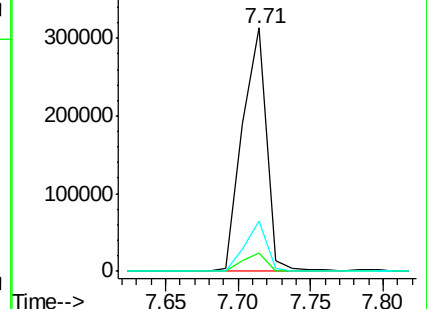
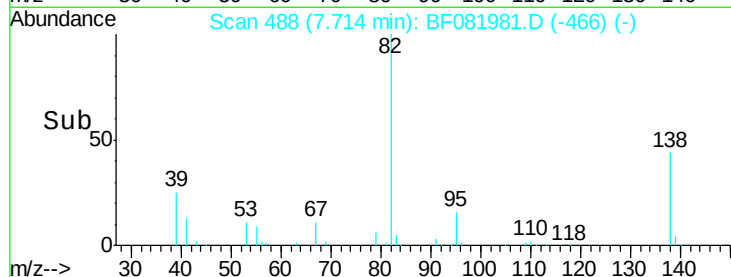
138 20.8 18.3 27.5



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: 40.76 ng

RT: 7.79 min Scan# 495

Delta R.T. -0.05 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

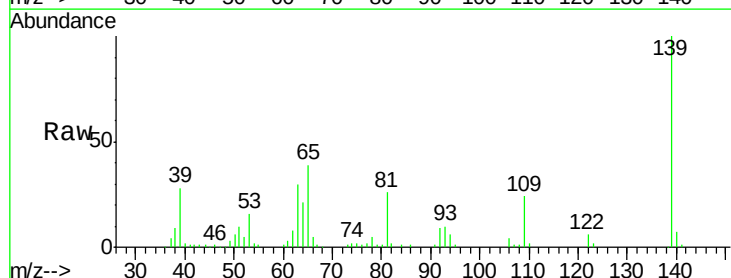
Tgt Ion: 139 Resp: 103432

Ion Ratio Lower Upper

139 100

109 24.0 11.0 16.4#

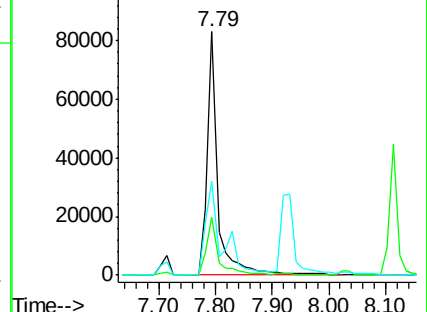
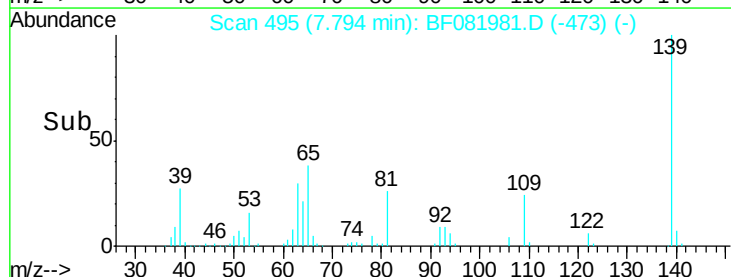
65 38.7 24.7 37.1#

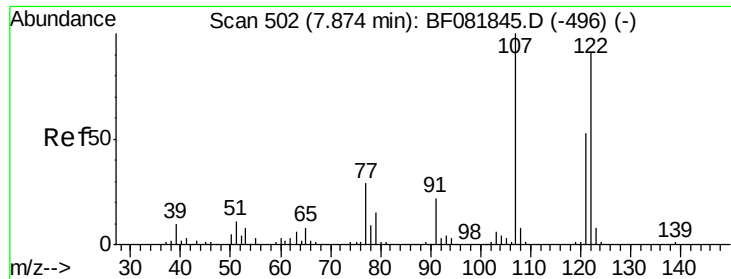


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.91 ng

RT: 7.83 min Scan# 498

Delta R.T. -0.05 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

Instrument :

BNA_F

ClientSampled :

PB85875BS

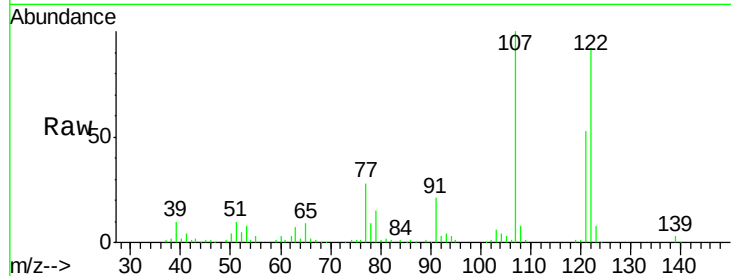
Tgt Ion:122 Resp: 173711

Ion Ratio Lower Upper

122 100

107 108.8 71.8 107.6#

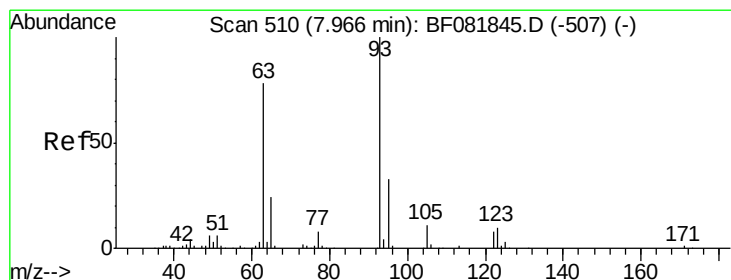
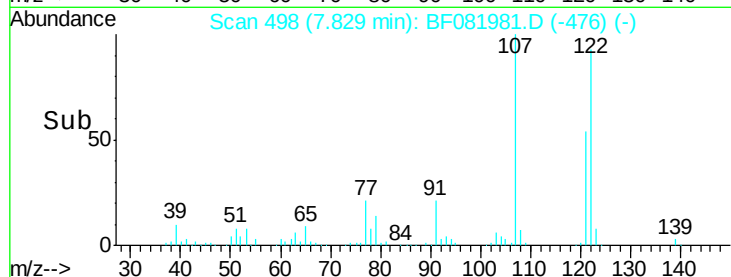
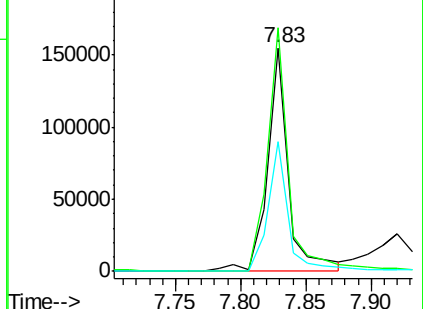
121 58.2 42.3 63.5



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: 37.20 ng

RT: 7.93 min Scan# 507

Delta R.T. -0.03 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

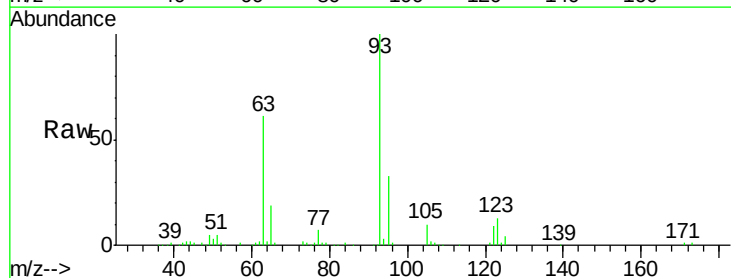
Tgt Ion: 93 Resp: 213169

Ion Ratio Lower Upper

93 100

95 32.6 27.5 41.3

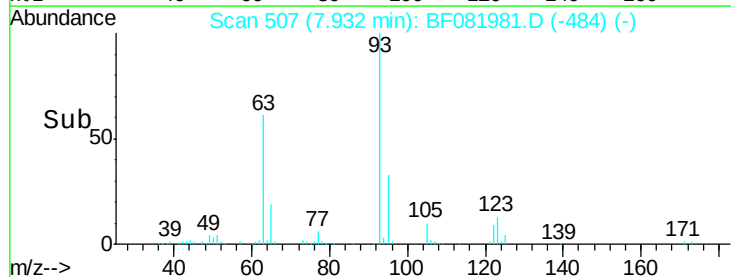
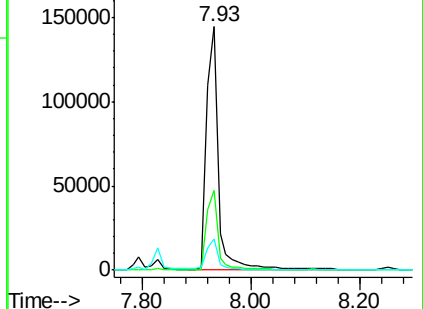
123 12.8 13.7 20.5#

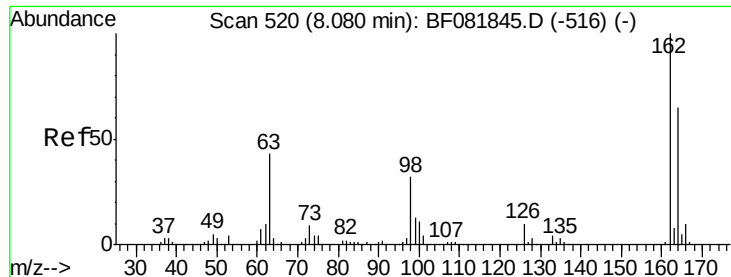


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

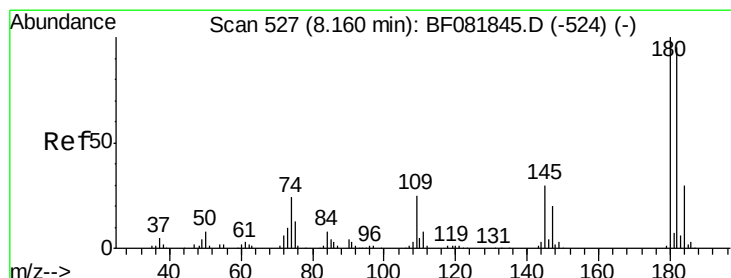
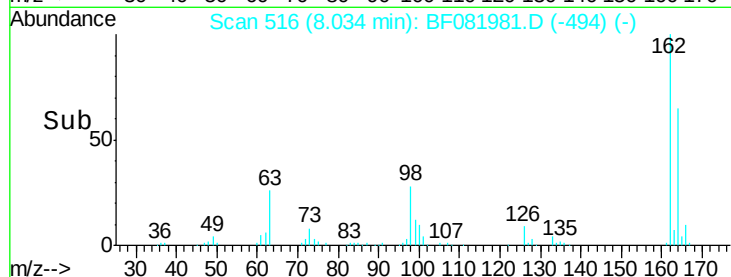
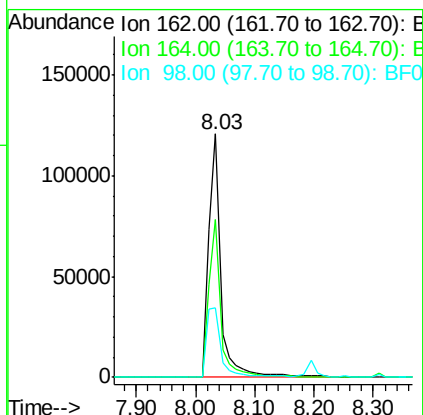
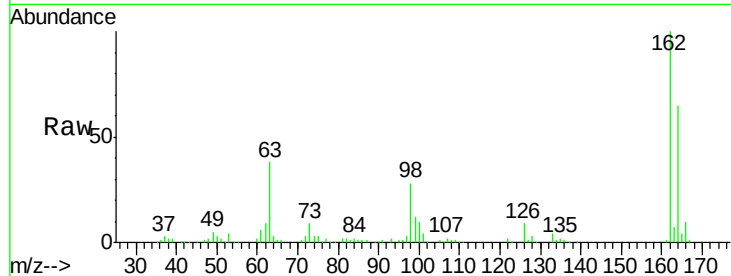




#29
 2,4-Dichlorophenol
 Concen: 39.71 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.05 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

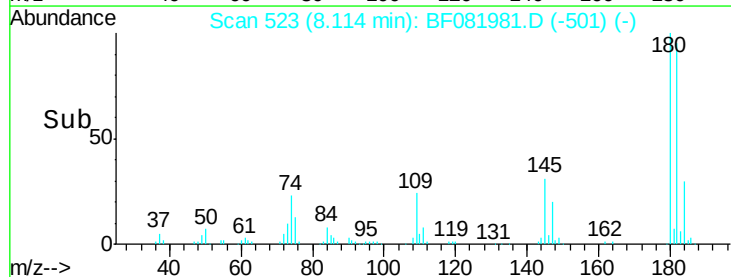
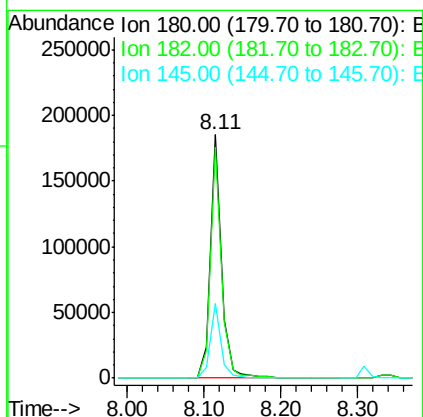
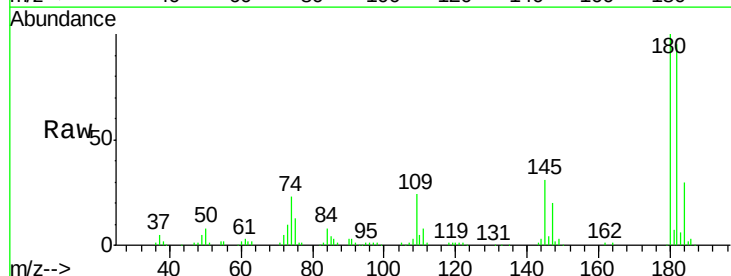
Instrument :
 BNA_F
 ClientSampleId :
 PB85875BS

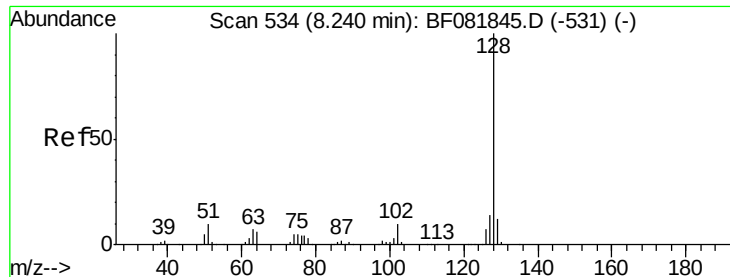
Tgt Ion:162 Resp: 171894
 Ion Ratio Lower Upper
 162 100
 164 64.9 44.9 84.9
 98 28.4 13.0 53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.31 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.05 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

Tgt Ion:180 Resp: 185102
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.1 115.7
 145 30.6 23.3 34.9

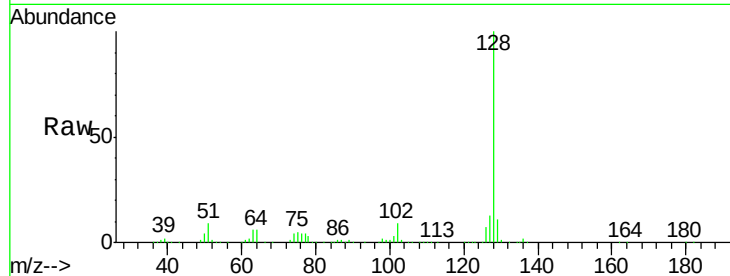




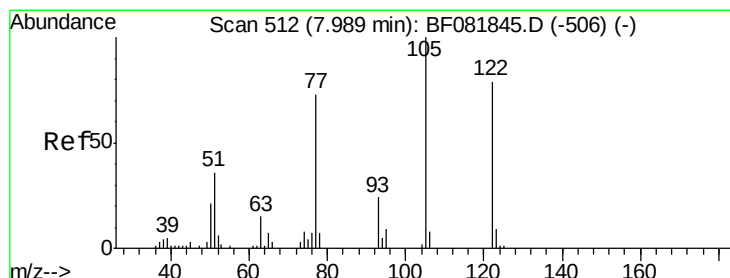
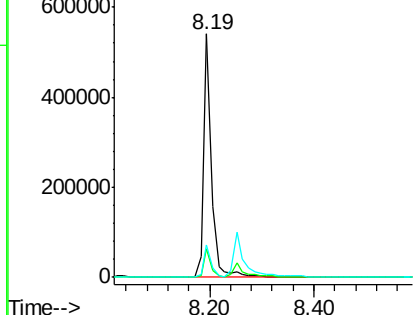
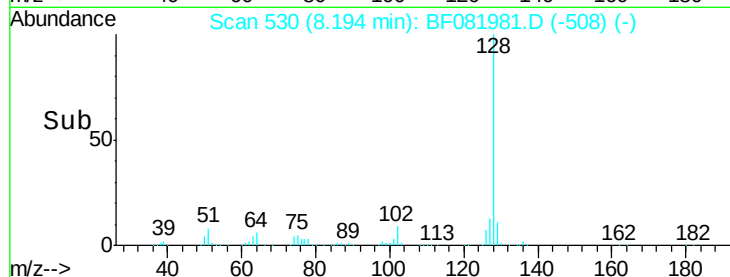
#31
Naphthalene
Concen: 39.51 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB85875BS

Tgt Ion:128 Resp: 568169
Ion Ratio Lower Upper
128 100
129 11.5 8.4 12.6
127 13.2 9.9 14.9

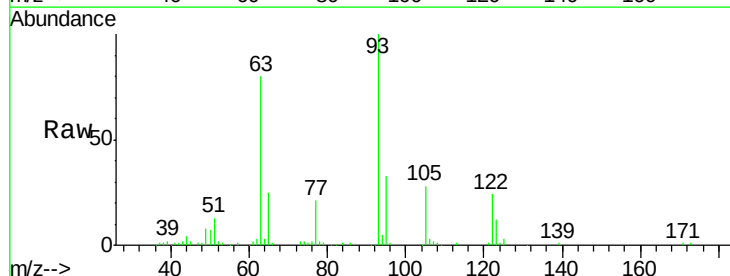


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

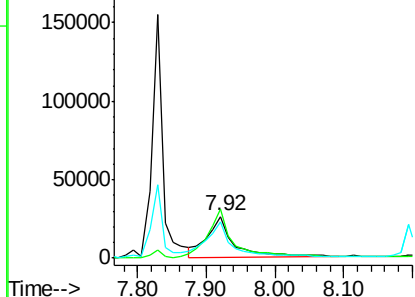
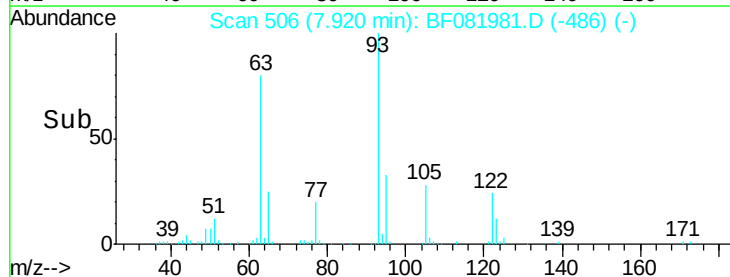


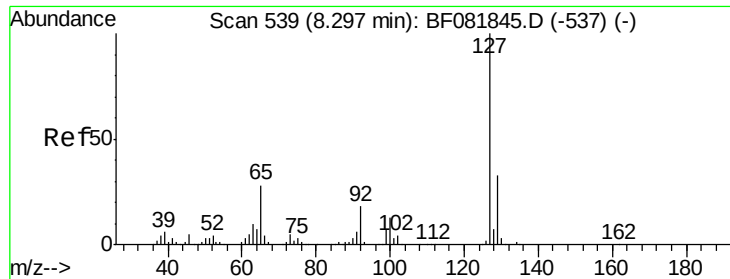
#32
Benzoic acid
Concen: 29.39 ng
RT: 7.92 min Scan# 506
Delta R.T. -0.07 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

Tgt Ion:122 Resp: 69499
Ion Ratio Lower Upper
122 100
105 117.5 76.1 116.1#
77 88.3 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: 25.79 ng

RT: 8.25 min Scan# 535

Delta R.T. -0.05 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB85875BS

Tgt Ion:127 Resp: 160358

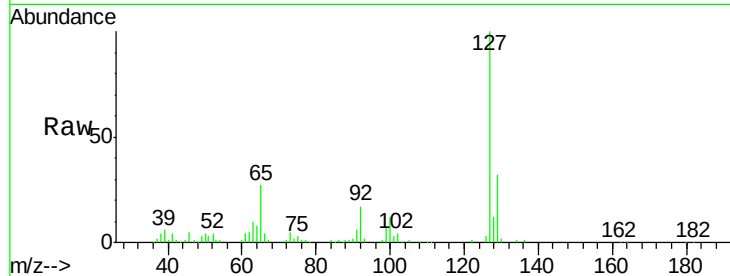
Ion Ratio Lower Upper

127 100

129 31.9 25.8 38.6

65 26.9 17.9 26.9#

92 17.2 10.5 15.7#

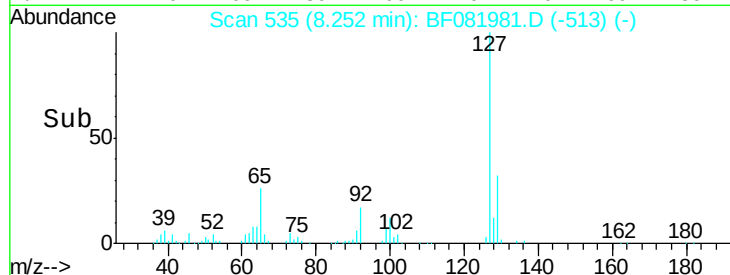


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

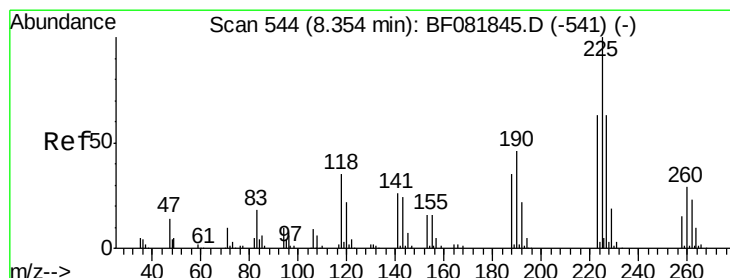
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->

8.25



#34

Hexachlorobutadiene

Concen: 37.06 ng

RT: 8.31 min Scan# 540

Delta R.T. -0.05 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

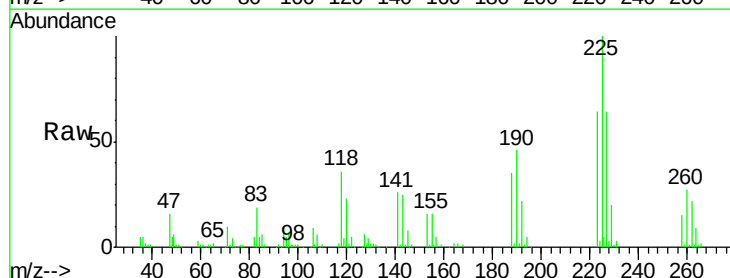
Tgt Ion:225 Resp: 105898

Ion Ratio Lower Upper

225 100

223 63.5 50.2 75.2

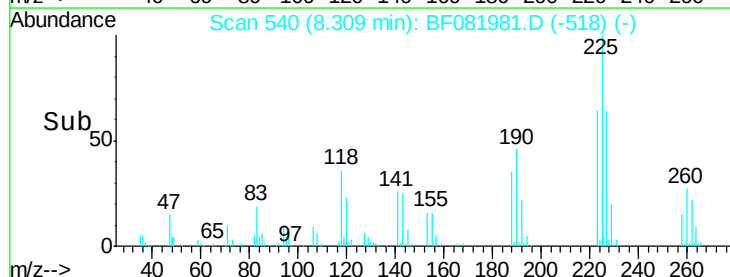
227 64.1 52.2 78.2



Abundance Ion 225.00 (224.70 to 225.70): E

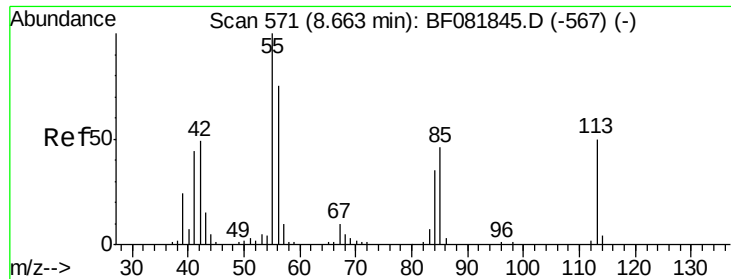
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

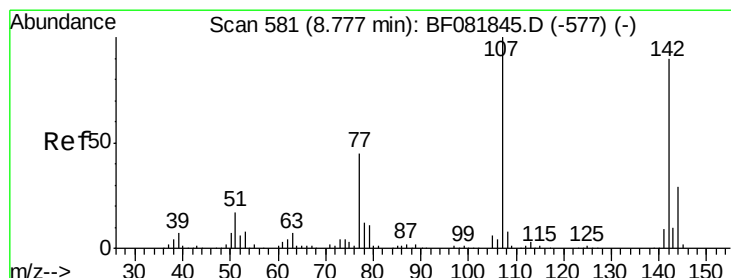
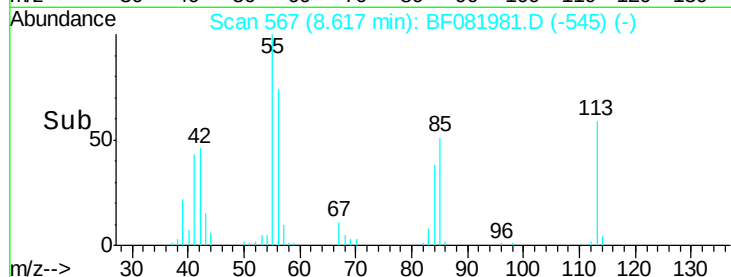
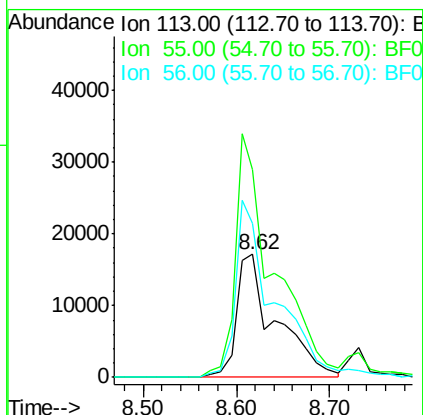
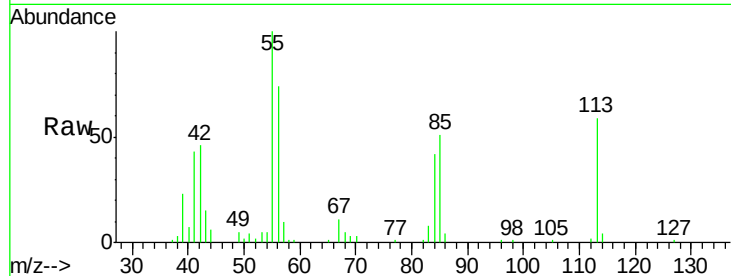
8.31



#35
 Caprolactam
 Concen: 41.99 ng
 RT: 8.62 min Scan# 567
 Delta R.T. -0.05 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

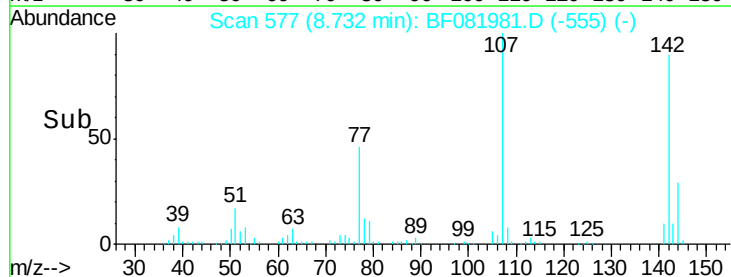
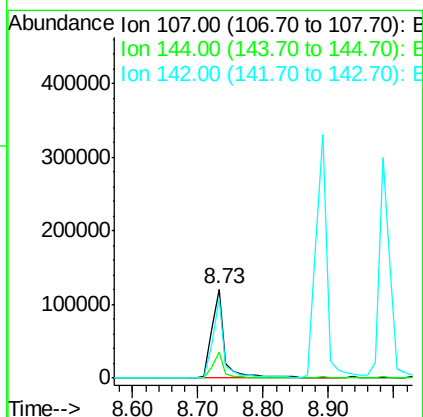
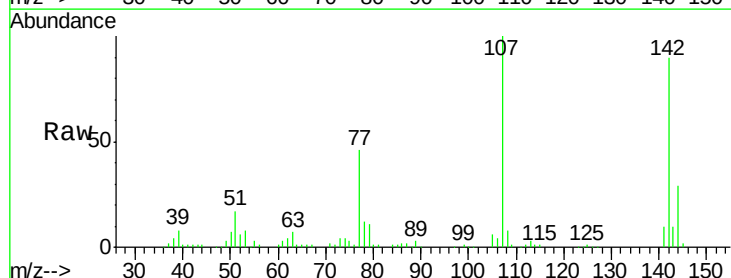
Instrument :
 BNA_F
 ClientSampleId :
 PB85875BS

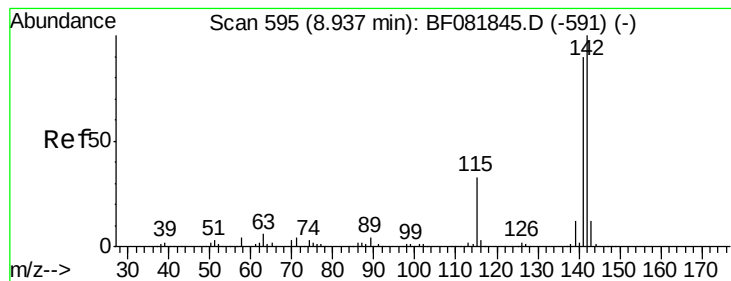
Tgt Ion:113 Resp: 50318
 Ion Ratio Lower Upper
 113 100
 55 169.2 152.4 192.4
 56 124.8 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 39.96 ng
 RT: 8.73 min Scan# 577
 Delta R.T. -0.05 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

Tgt Ion:107 Resp: 169110
 Ion Ratio Lower Upper
 107 100
 144 28.8 25.4 38.0
 142 90.0 77.3 115.9





#37

2-Methylnaphthalene

Concen: 38.69 ng

RT: 8.89 min Scan# 591

Delta R.T. -0.05 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB85875BS

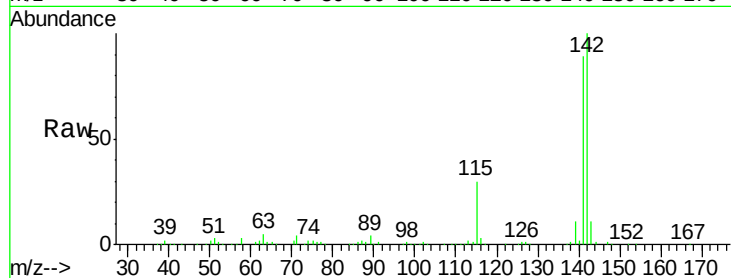
Tgt Ion:142 Resp: 379750

Ion Ratio Lower Upper

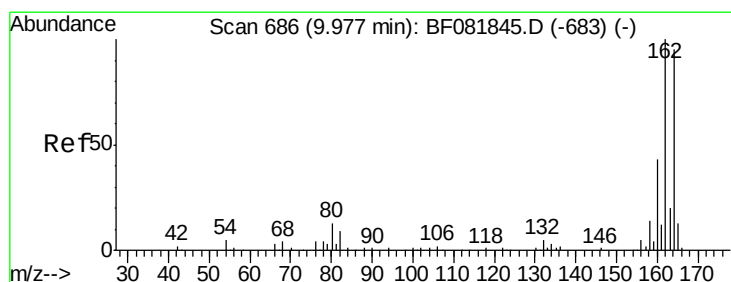
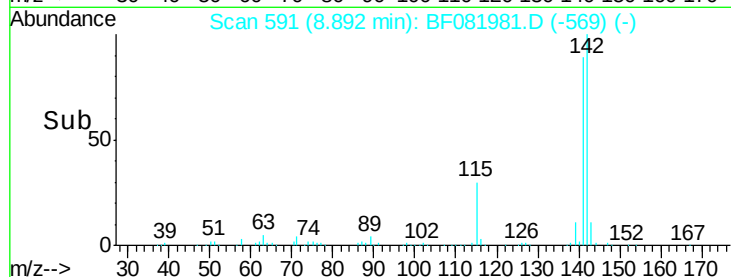
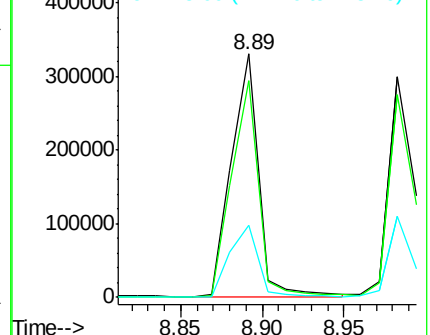
142 100

141 88.9 67.5 101.3

115 29.5 18.2 27.2#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

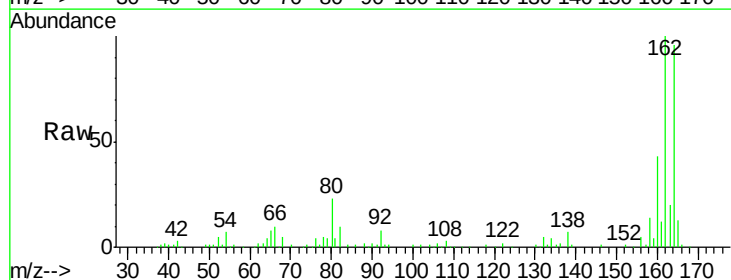
Tgt Ion:164 Resp: 156635

Ion Ratio Lower Upper

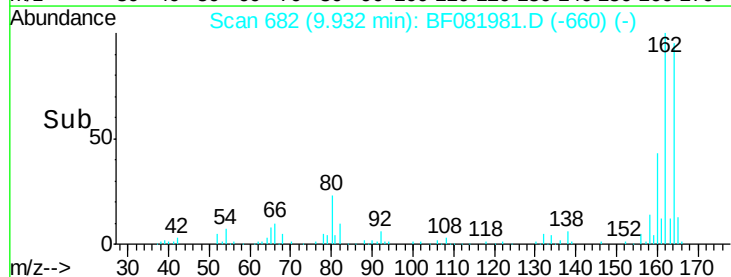
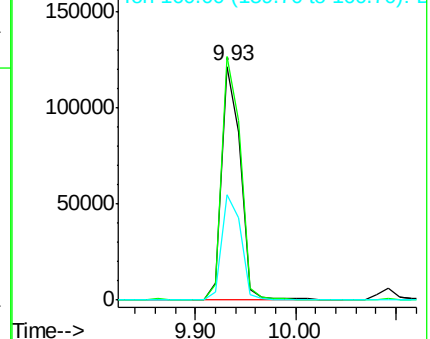
164 100

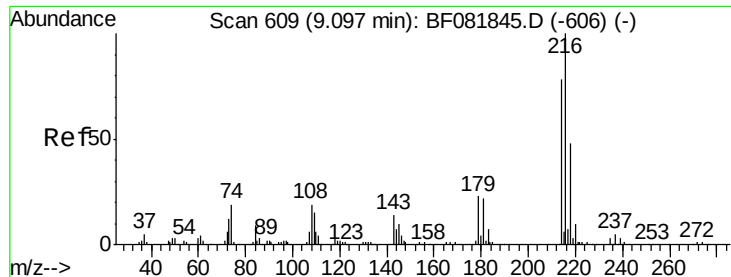
162 104.2 75.2 112.8

160 44.9 31.5 47.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.27 ng

RT: 9.05 min Scan# 605

Delta R.T. -0.05 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB85875BS

Tgt Ion:216 Resp: 184013

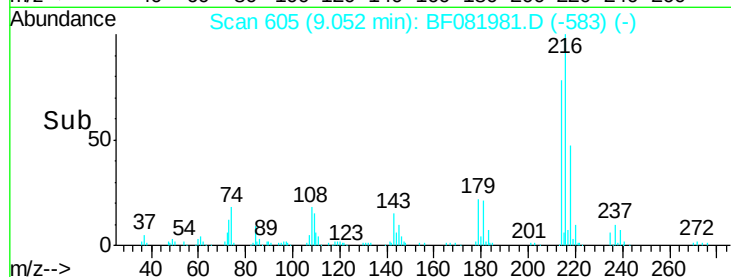
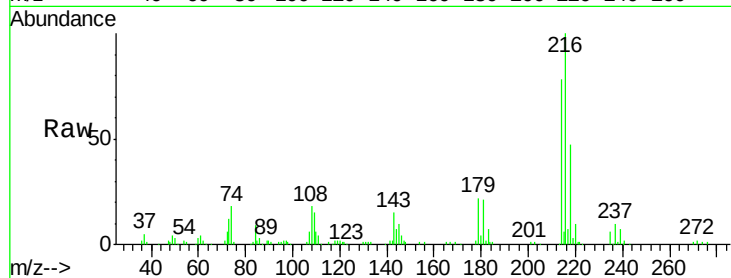
Ion Ratio Lower Upper

216 100

214 77.7 63.5 95.3

179 20.8 16.6 24.8

108 19.4 16.3 24.5

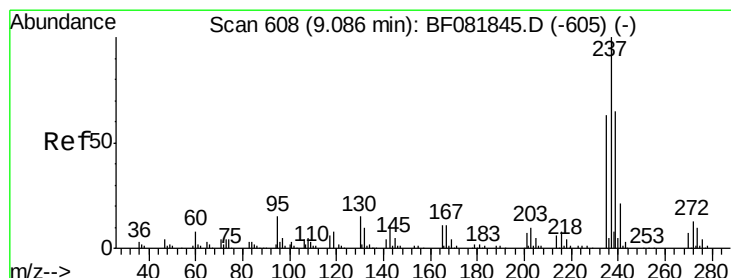
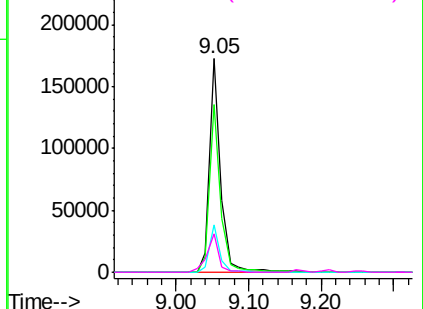


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.36 ng

RT: 9.04 min Scan# 604

Delta R.T. -0.04 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

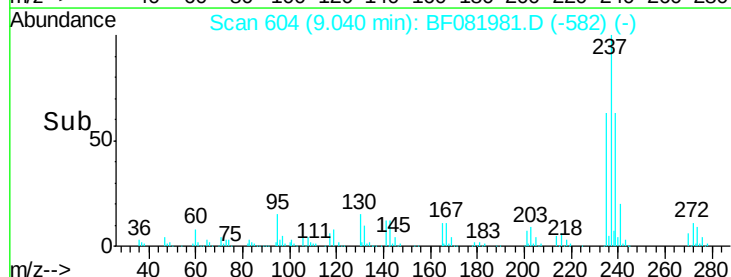
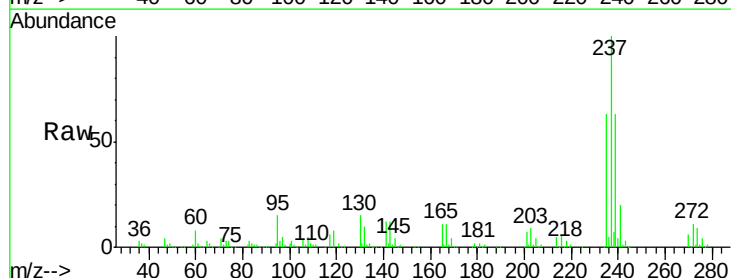
Tgt Ion:237 Resp: 213861

Ion Ratio Lower Upper

237 100

235 62.9 42.0 82.0

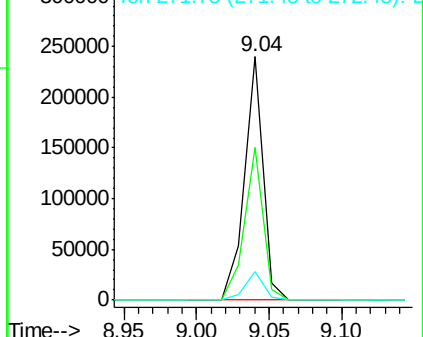
272 11.5 0.0 36.1

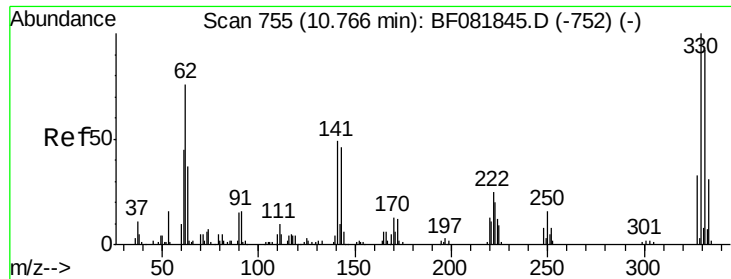


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

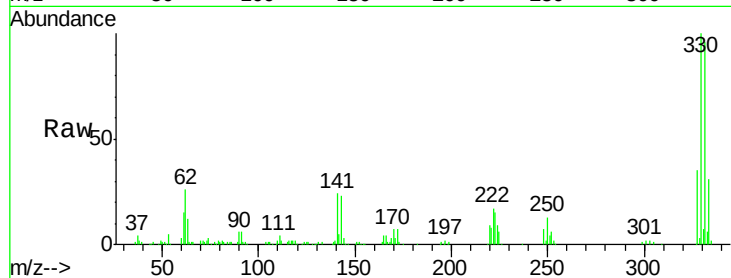




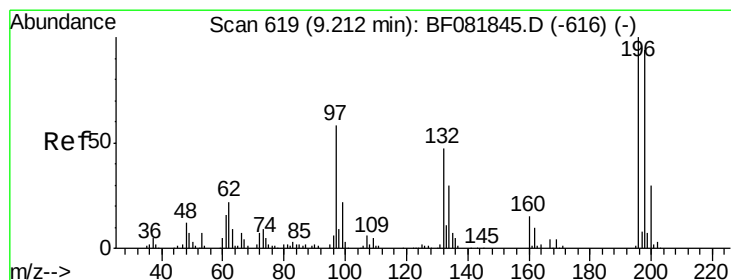
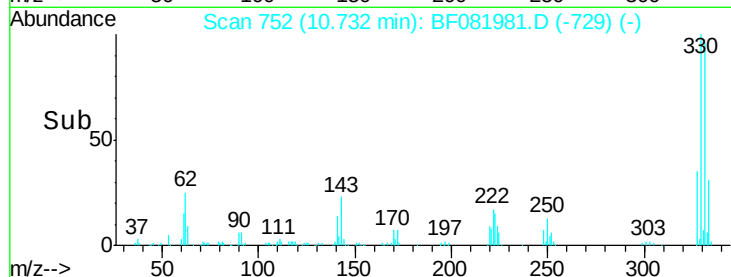
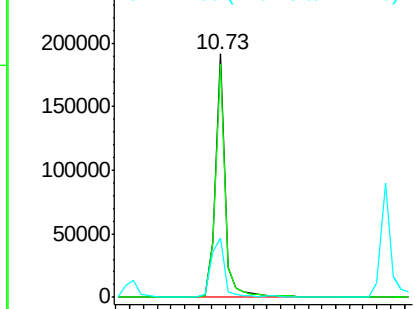
#41
 2,4,6-Tribromophenol
 Concen: 123.07 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB85875BS

Tgt Ion:330 Resp: 195226
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 33.1 29.7 44.5

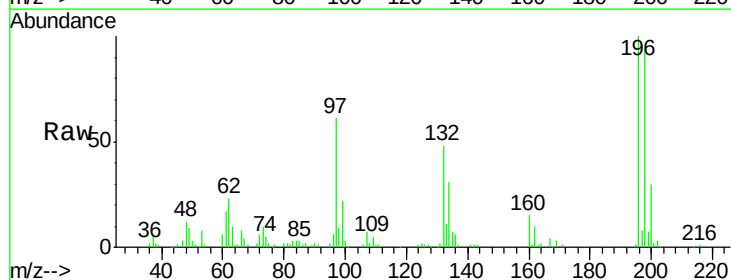


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

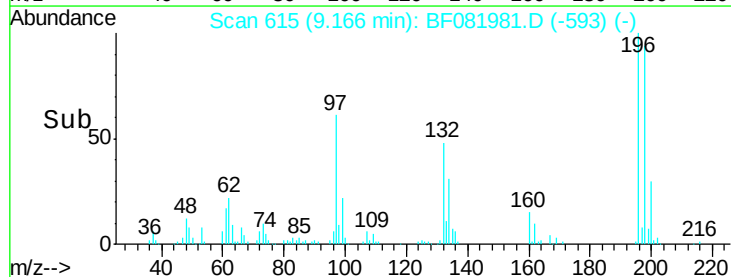
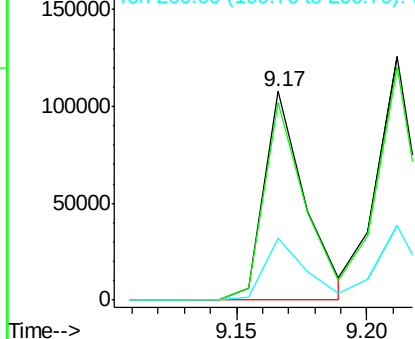


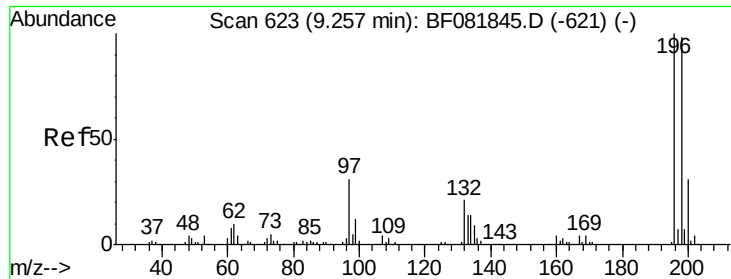
#42
 2,4,6-Trichlorophenol
 Concen: 35.64 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.05 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

Tgt Ion:196 Resp: 117508
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.7 113.5
 200 29.6 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

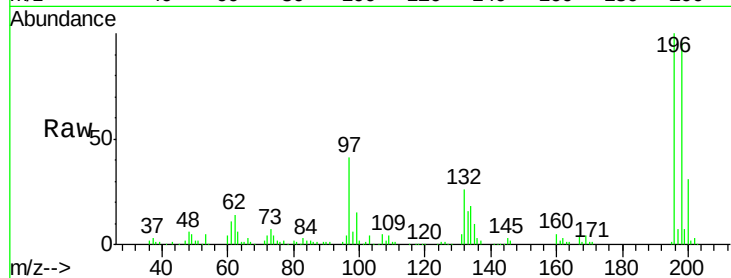




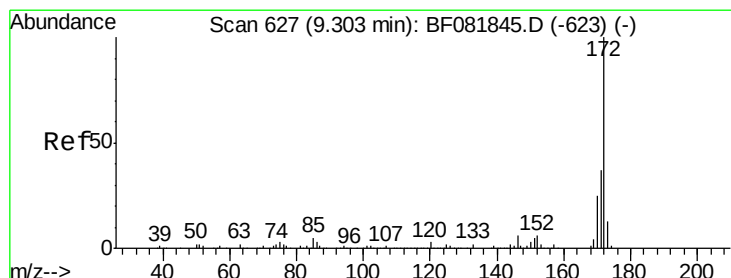
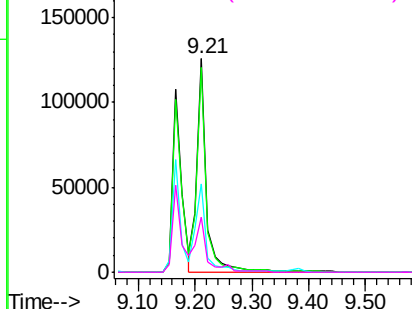
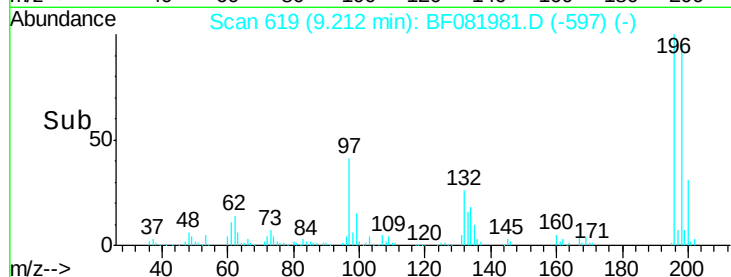
#43
 2,4,5-Trichlorophenol
 Concen: 44.65 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB85875BS

Tgt Ion:	196	Resp:	151361
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.4	113.0
97	41.5	33.3	49.9
132	25.5	24.6	37.0

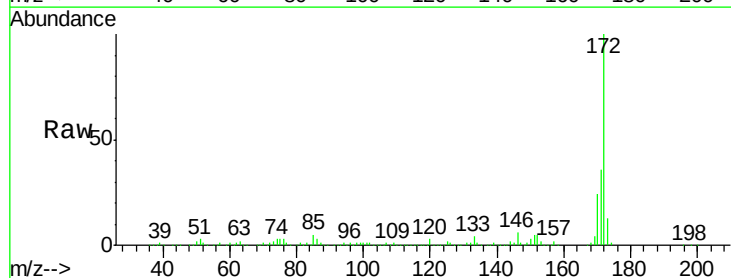


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

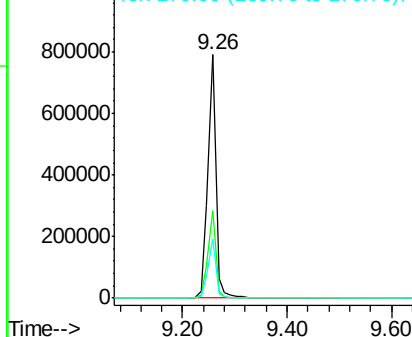
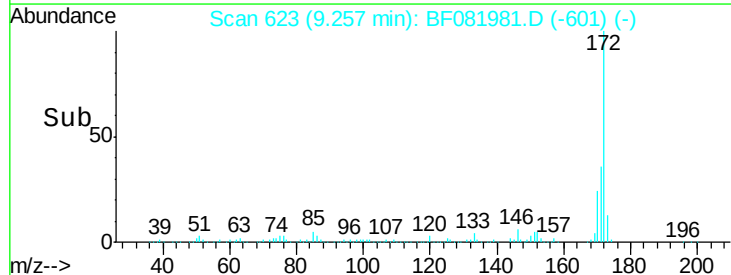


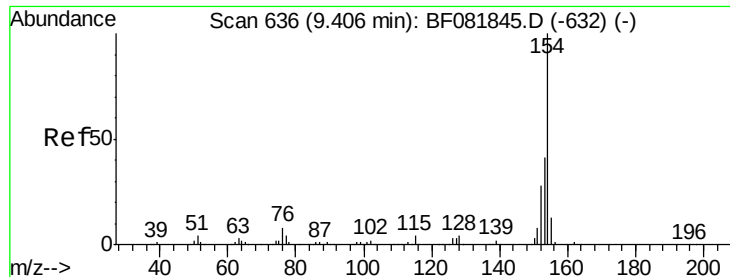
#44
 2-Fluorobiphenyl
 Concen: 91.30 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

Tgt Ion:	172	Resp:	842342
Ion Ratio	Lower	Upper	
172	100		
171	35.8	26.1	39.1
170	24.2	17.4	26.2



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

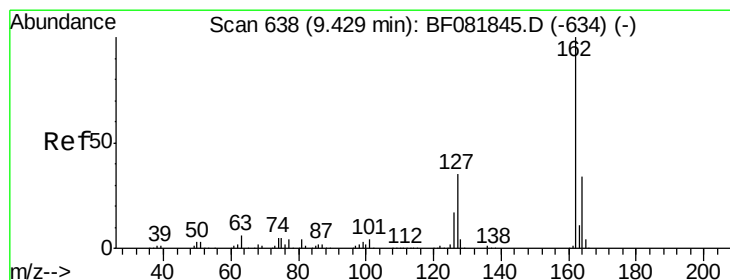
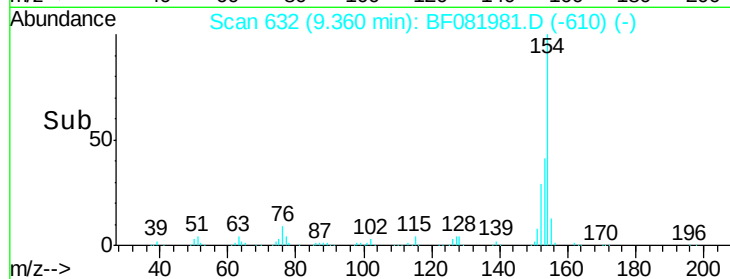
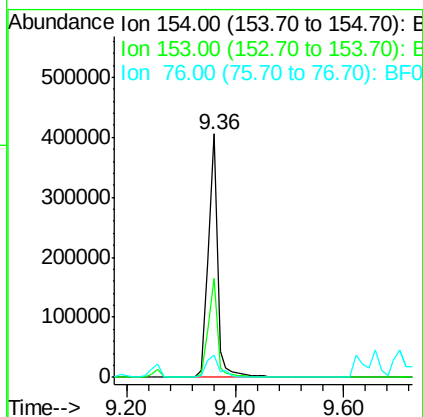
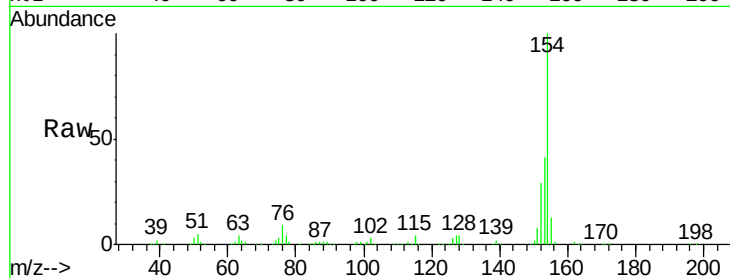




#45
 1,1'-Biphenyl
 Concen: 40.04 ng
 RT: 9.36 min Scan# 632
 Delta R.T. -0.05 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

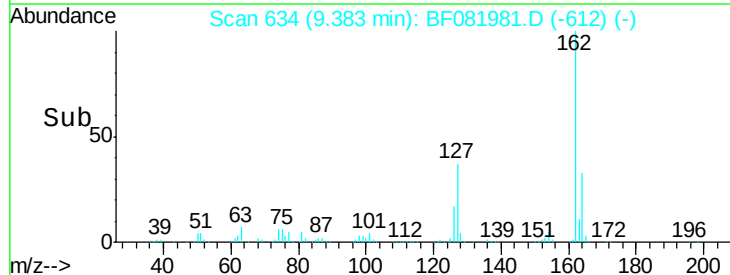
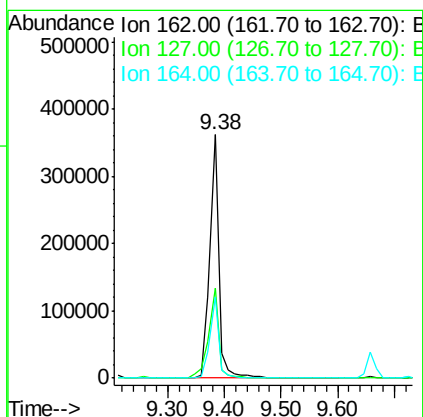
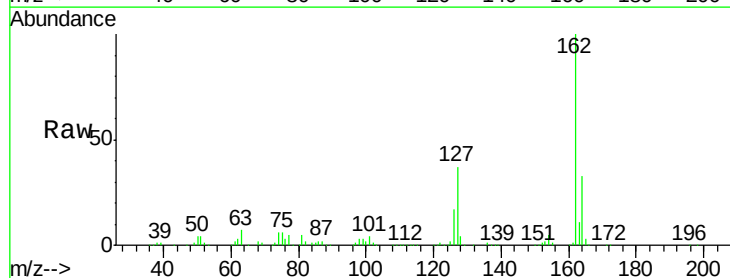
Instrument :
 BNA_F
 ClientSampled :
 PB85875BS

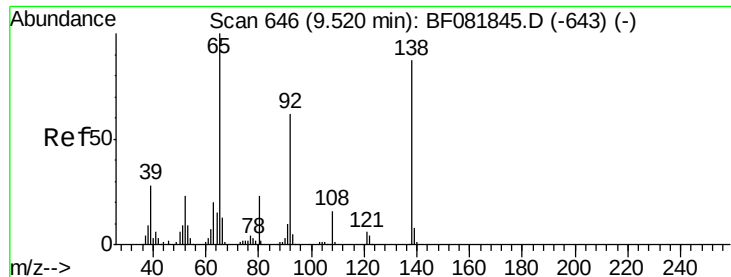
Tgt Ion:154 Resp: 483851
 Ion Ratio Lower Upper
 154 100
 153 40.7 17.1 57.1
 76 9.2 0.0 31.6



#46
 2-Chloronaphthalene
 Concen: 40.61 ng
 RT: 9.38 min Scan# 634
 Delta R.T. -0.05 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

Tgt Ion:162 Resp: 385336
 Ion Ratio Lower Upper
 162 100
 127 36.9 27.6 41.4
 164 33.1 25.4 38.2

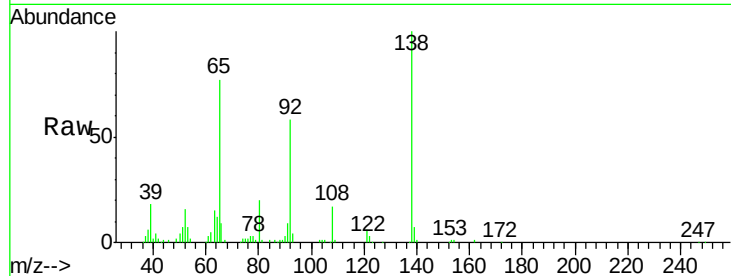




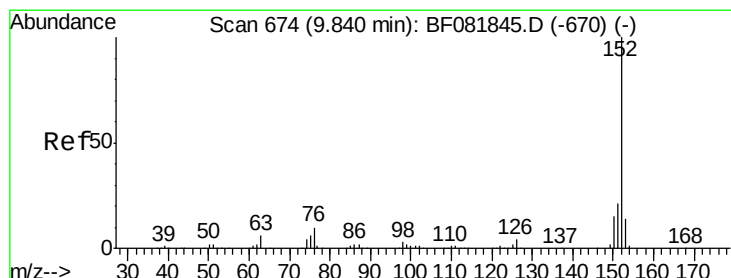
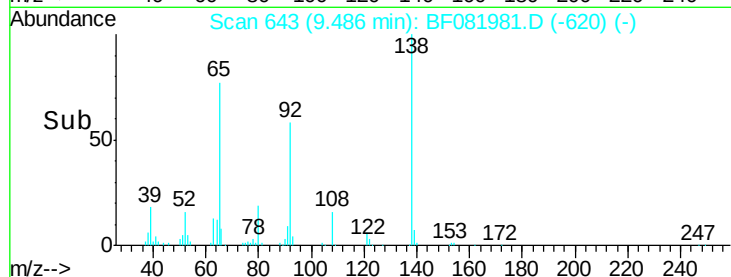
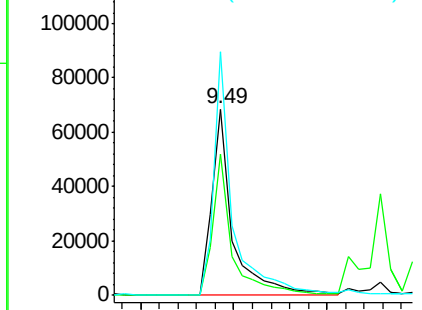
#47
2-Nitroaniline
Concen: 38.73 ng
RT: 9.49 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB85875BS

Tgt Ion: 65 Resp: 107883
Ion Ratio Lower Upper
65 100
92 75.8 55.4 83.0
138 130.5 115.5 173.3

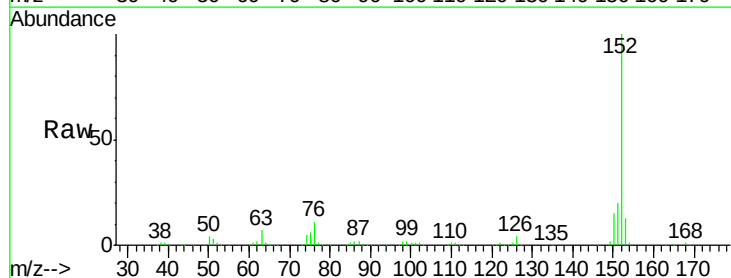


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

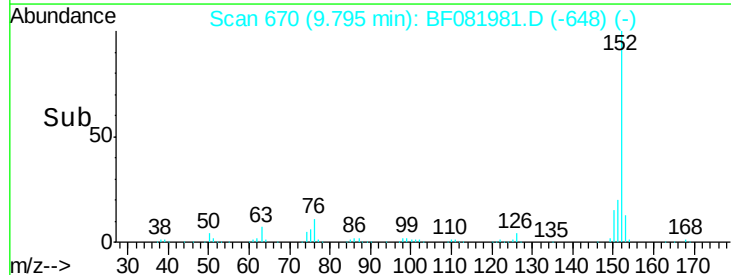
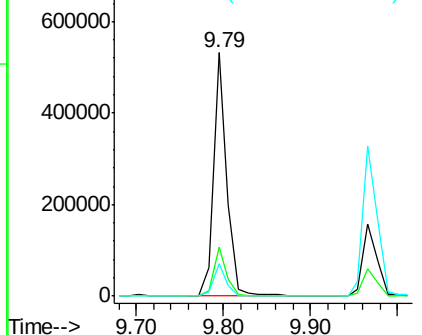


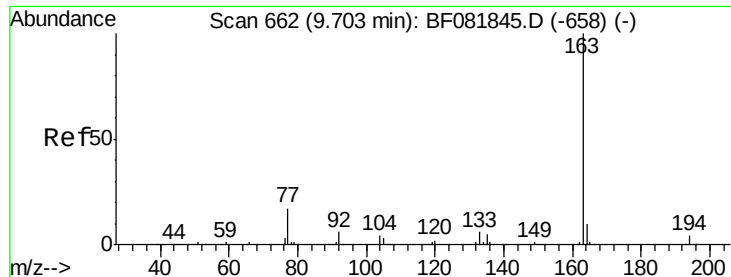
#48
Acenaphthylene
Concen: 37.80 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.05 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

Tgt Ion: 152 Resp: 574067
Ion Ratio Lower Upper
152 100
151 20.3 14.6 22.0
153 13.5 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

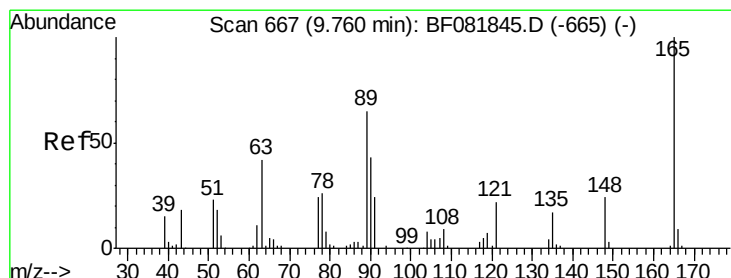
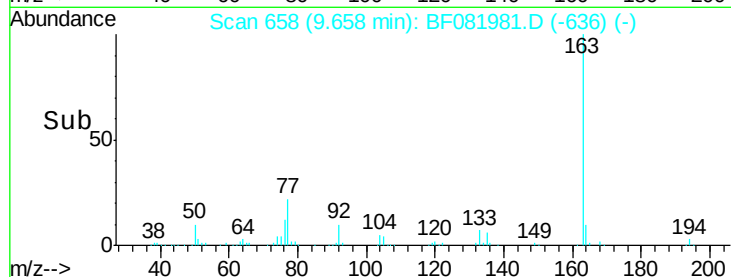
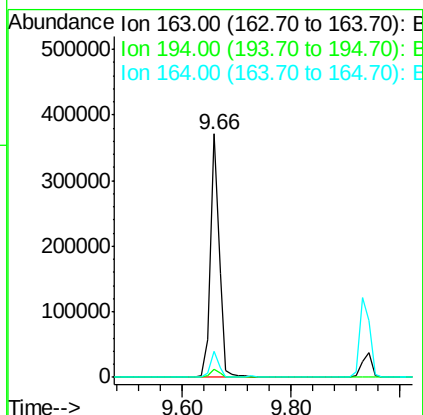
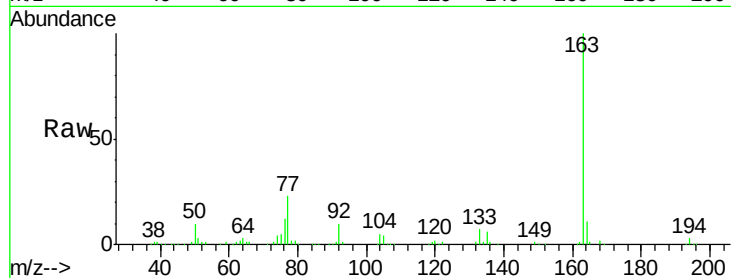




#49
Dimethylphthalate
Concen: 39.23 ng
RT: 9.66 min Scan# 658
Delta R.T. -0.05 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

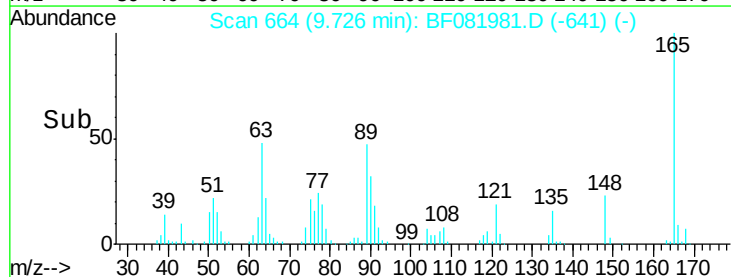
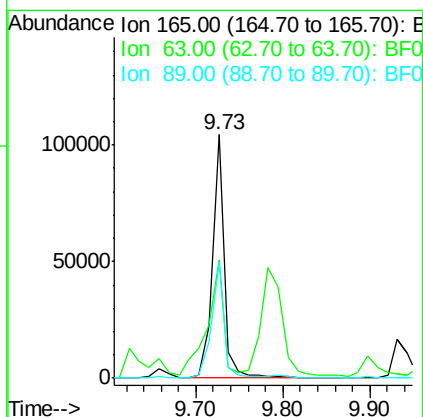
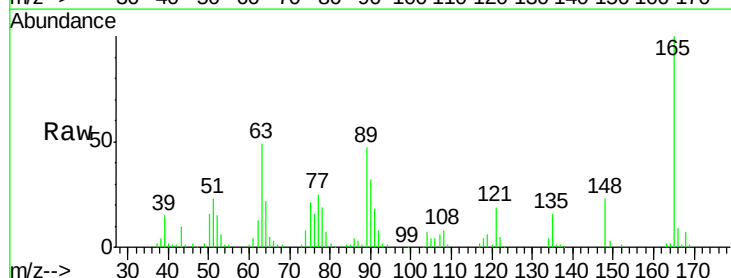
Instrument :
BNA_F
ClientSampleId :
PB85875BS

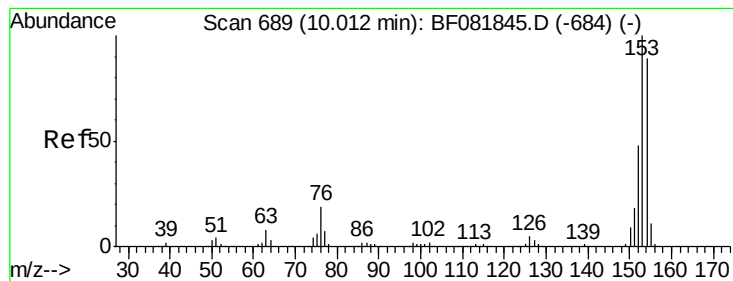
Tgt Ion:163 Resp: 424188
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 10.6 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 43.04 ng
RT: 9.73 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

Tgt Ion:165 Resp: 101018
Ion Ratio Lower Upper
165 100
63 48.7 32.3 48.5#
89 47.3 28.6 43.0#





#51

Acenaphthene

Concen: 41.95 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB85875BS

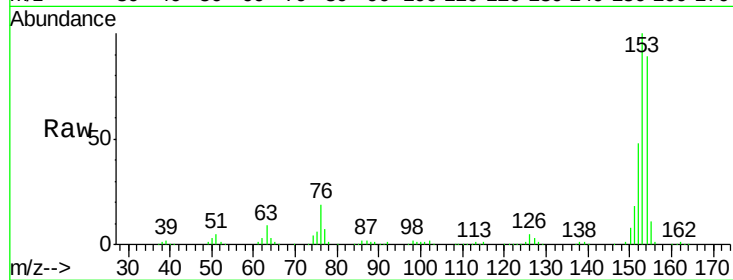
Tgt Ion:154 Resp: 378350

Ion Ratio Lower Upper

154 100

153 112.6 82.1 123.1

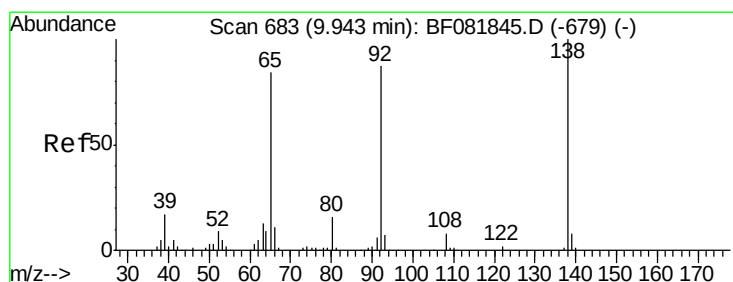
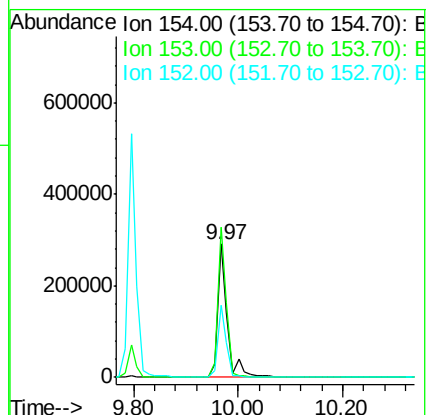
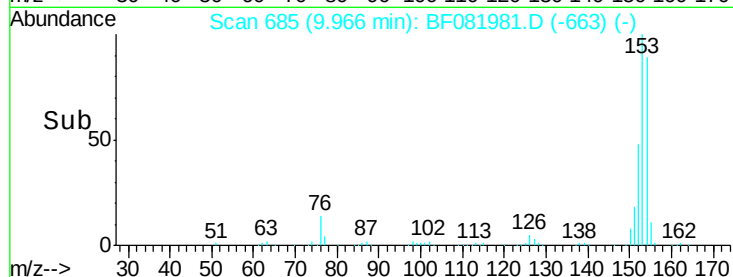
152 54.4 37.9 56.9



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: 30.55 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

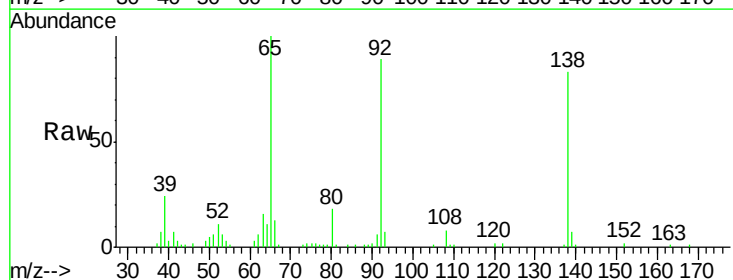
Tgt Ion:138 Resp: 82962

Ion Ratio Lower Upper

138 100

108 9.7 5.7 8.5#

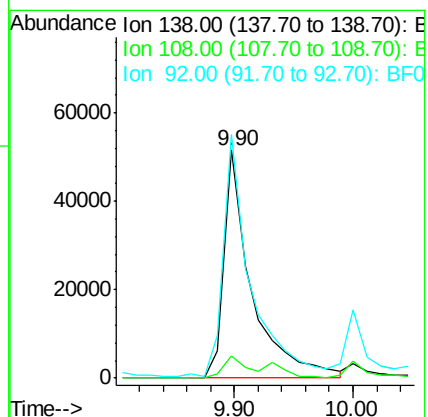
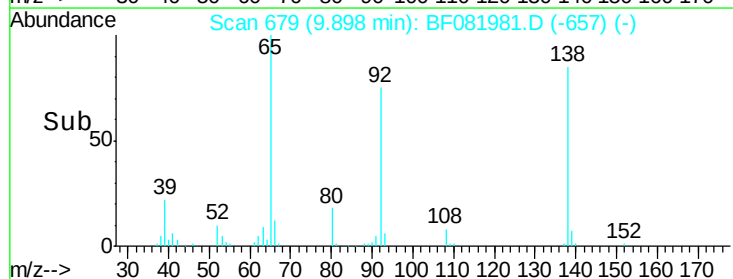
92 106.8 67.7 101.5#

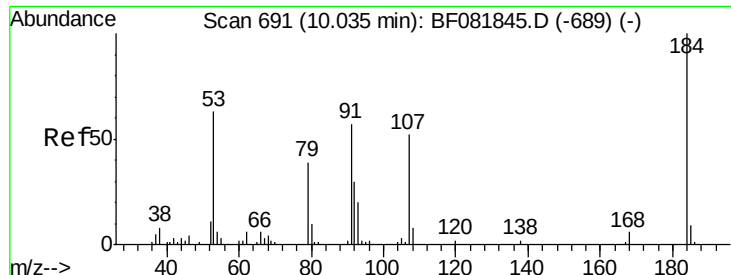


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

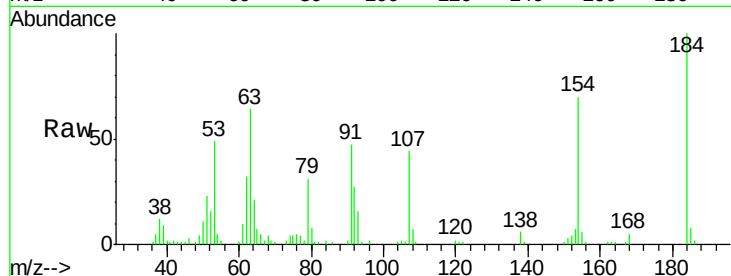




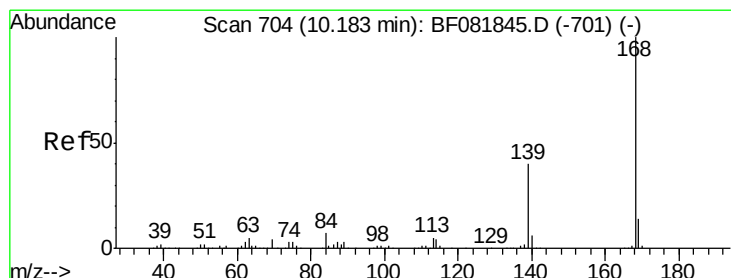
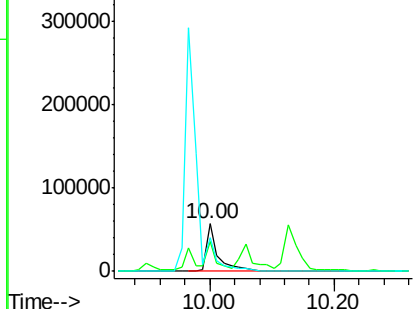
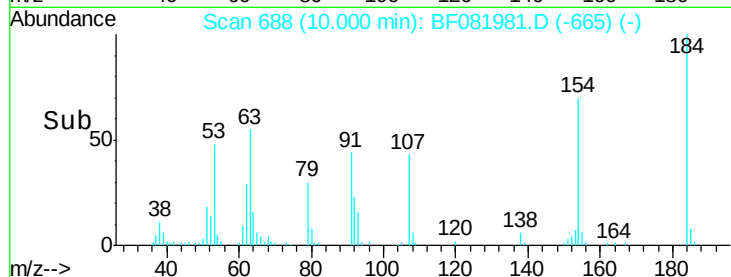
#53
2,4-Dinitrophenol
Concen: 70.84 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB85875BS

Tgt Ion:184 Resp: 74538
Ion Ratio Lower Upper
184 100
63 63.6 35.4 53.2#
154 70.3 32.2 48.4#

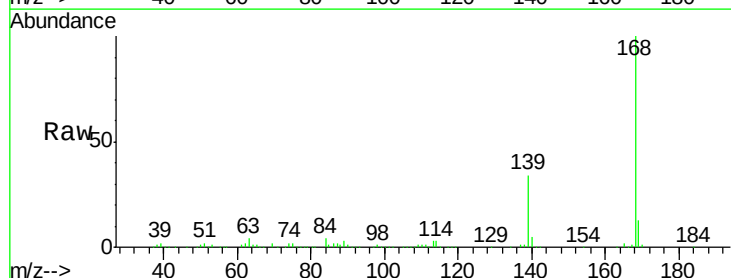


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

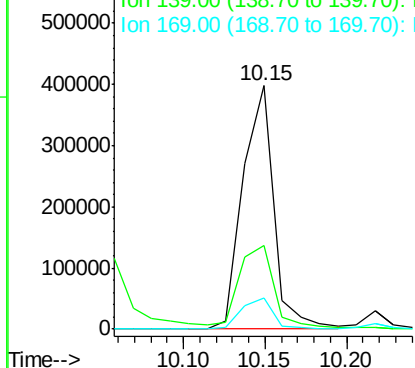
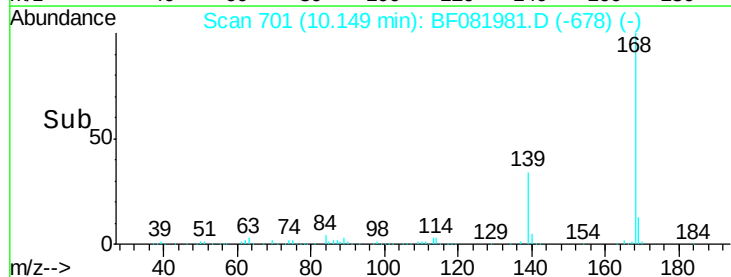


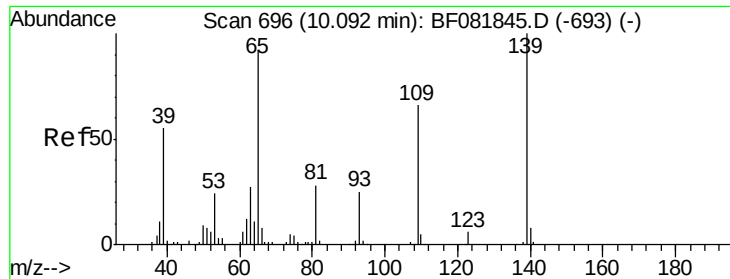
#54
Dibenzofuran
Concen: 40.96 ng
RT: 10.15 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

Tgt Ion:168 Resp: 521994
Ion Ratio Lower Upper
168 100
139 34.5 24.2 36.2
169 13.0 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

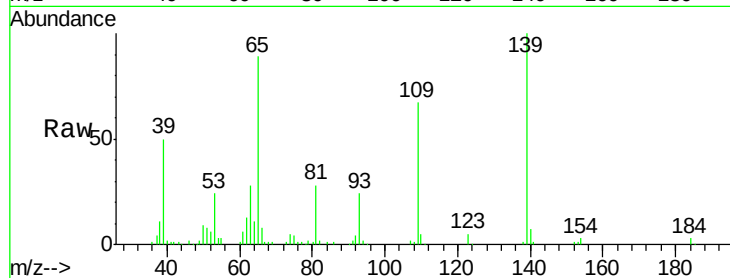




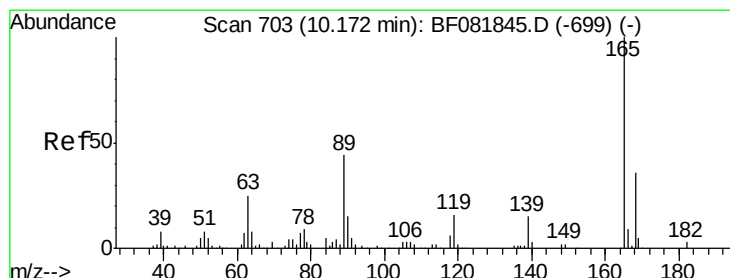
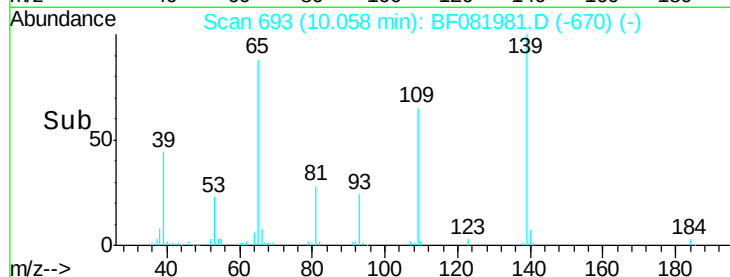
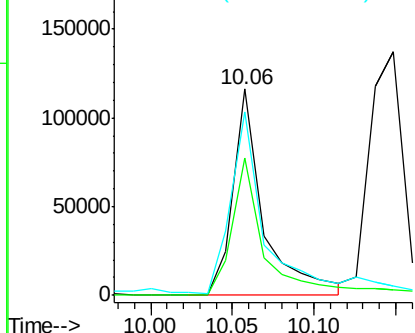
#55
4-Nitrophenol
Concen: 77.66 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

Instrument :
BNA_F
ClientSampleId :
PB85875BS

Tgt Ion:139 Resp: 152380
Ion Ratio Lower Upper
139 100
109 66.6 12.7 52.7#
65 89.0 45.9 85.9#

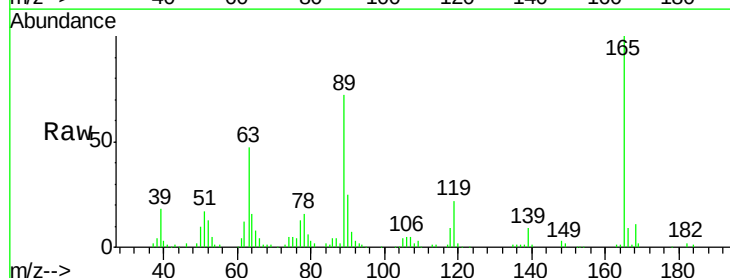


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

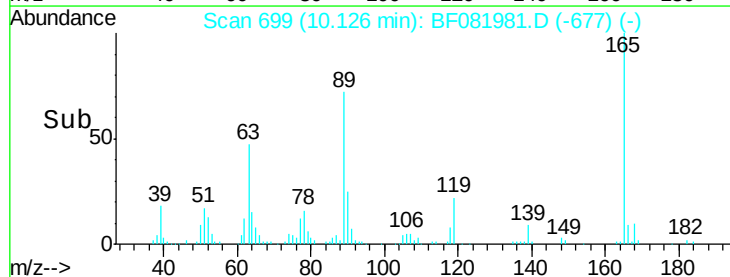
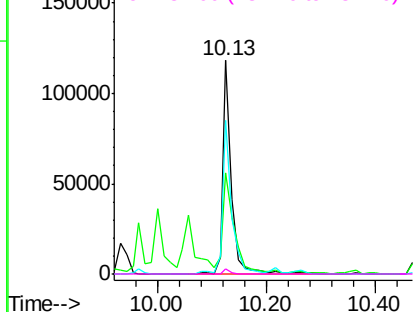


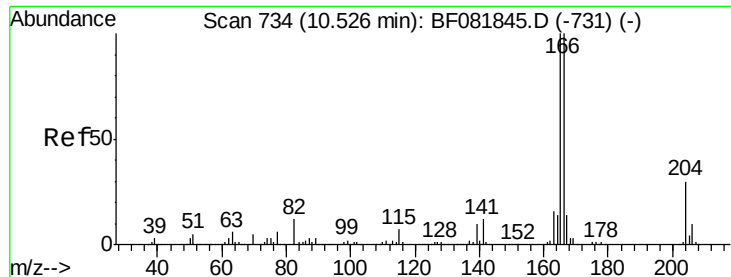
#56
2,4-Dinitrotoluene
Concen: 44.47 ng
RT: 10.13 min Scan# 699
Delta R.T. -0.05 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

Tgt Ion:165 Resp: 133072
Ion Ratio Lower Upper
165 100
63 47.3 29.8 44.6#
89 71.9 44.5 66.7#
182 2.3 3.0 4.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

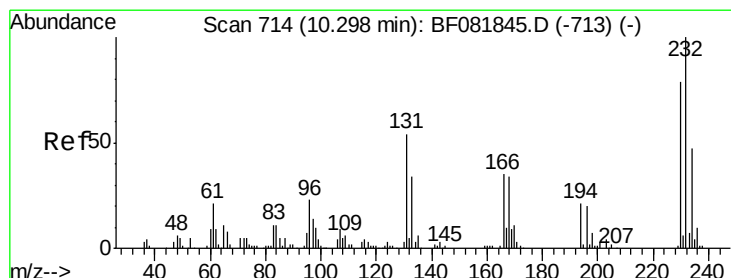
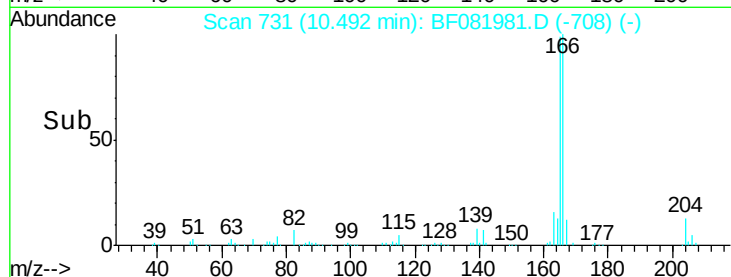
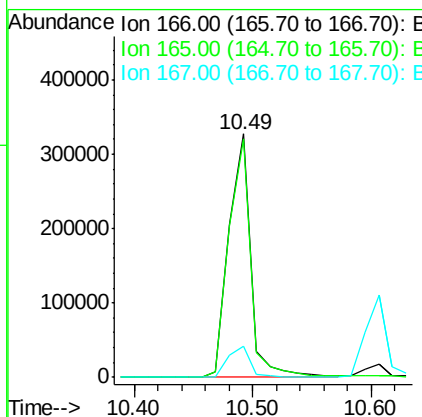
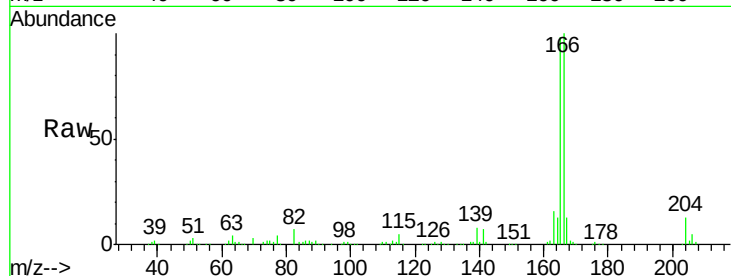




#57
Fluorene
 Concen: 45.95 ng
 RT: 10.49 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

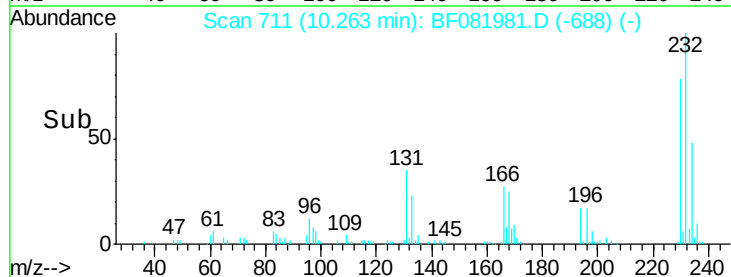
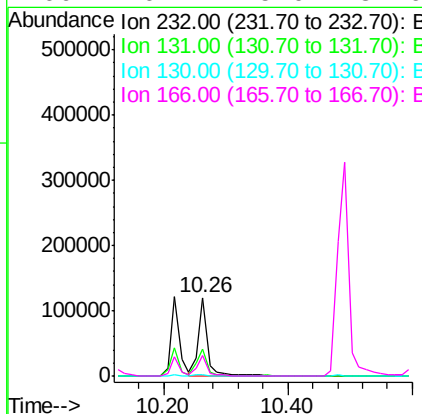
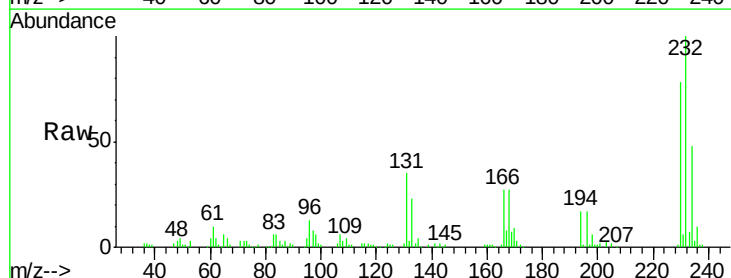
Instrument :
 BNA_F
 ClientSampleId :
 PB85875BS

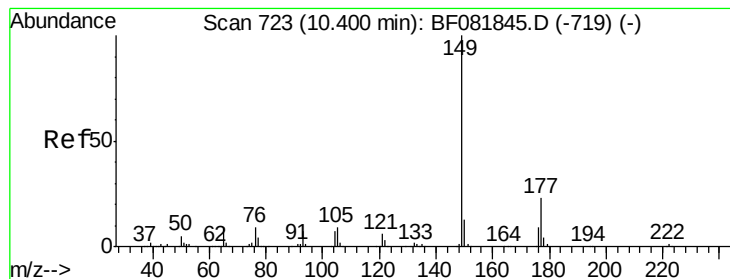
Tgt Ion:166 Resp: 418438
 Ion Ratio Lower Upper
 166 100
 165 97.9 72.6 109.0
 167 12.8 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.51 ng
 RT: 10.26 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

Tgt Ion:232 Resp: 127762
 Ion Ratio Lower Upper
 232 100
 131 39.5 38.5 57.7
 130 1.9 1.8 2.6
 166 26.4 25.0 37.6





#59

Diethylphthalate

Concen: 44.38 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB85875BS

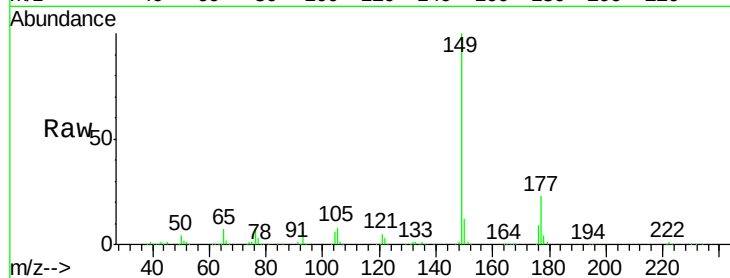
Tgt Ion:149 Resp: 448192

Ion Ratio Lower Upper

149 100

177 23.1 17.5 26.3

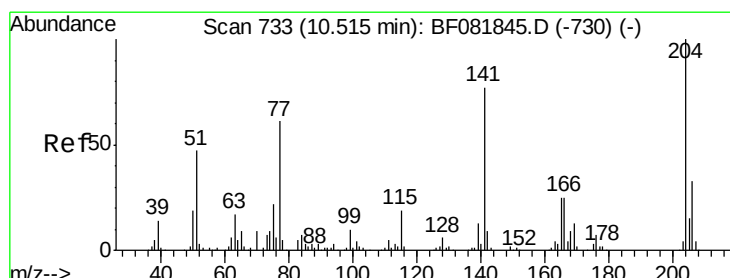
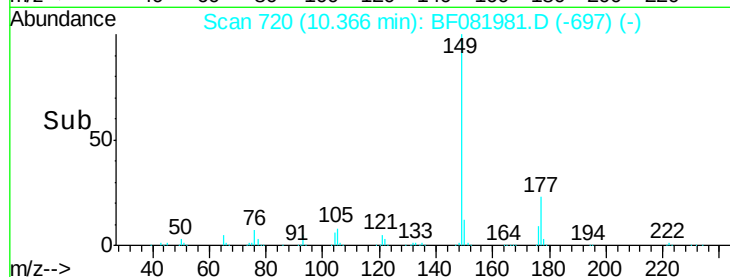
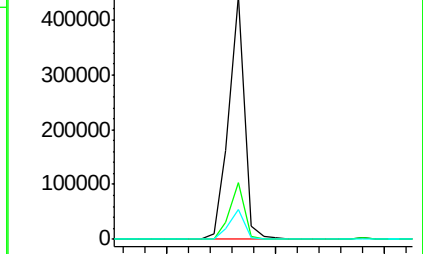
150 12.4 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.39 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

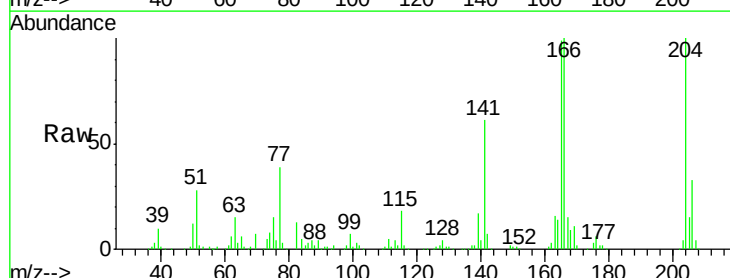
Tgt Ion:204 Resp: 202457

Ion Ratio Lower Upper

204 100

206 33.5 24.8 37.2

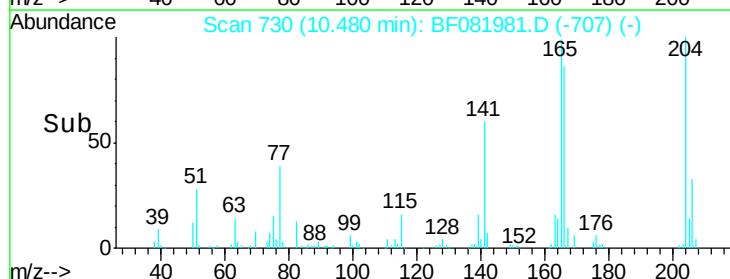
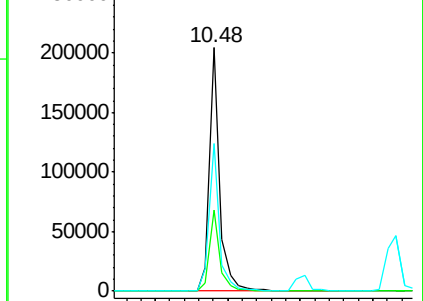
141 60.9 42.2 63.4

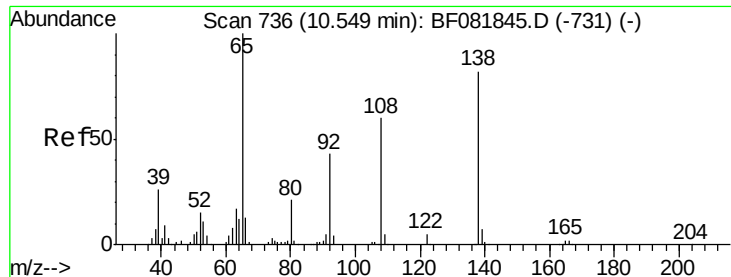


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

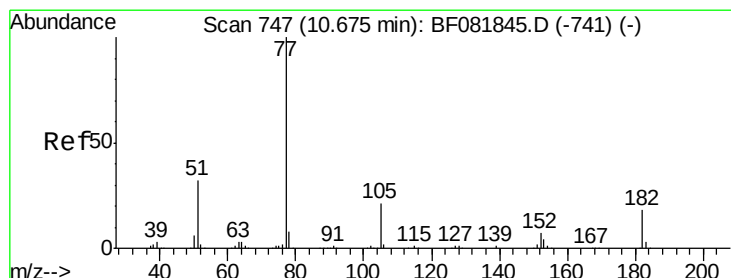
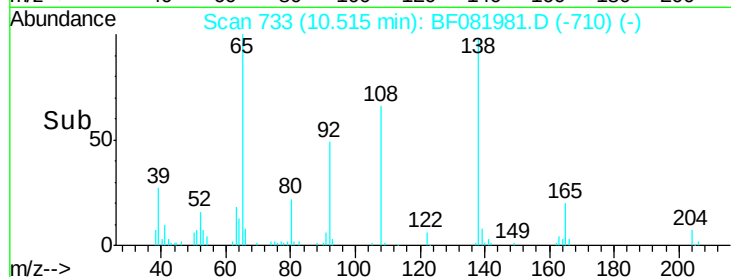
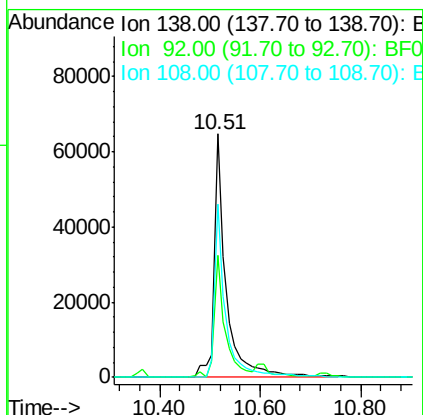
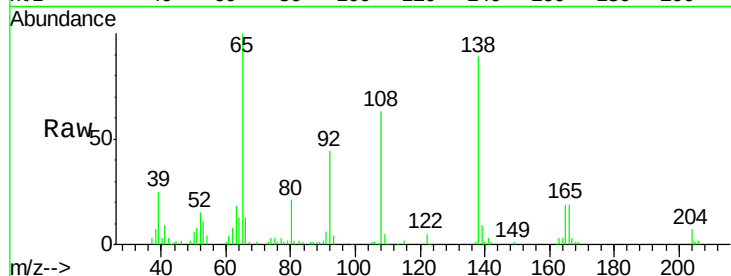




#61
4-Nitroaniline
Concen: 39.77 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

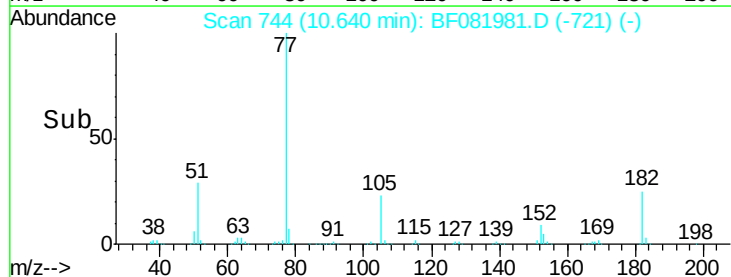
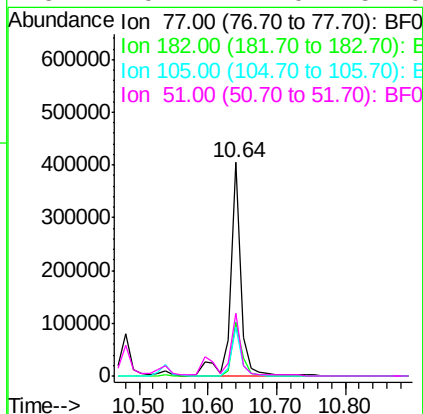
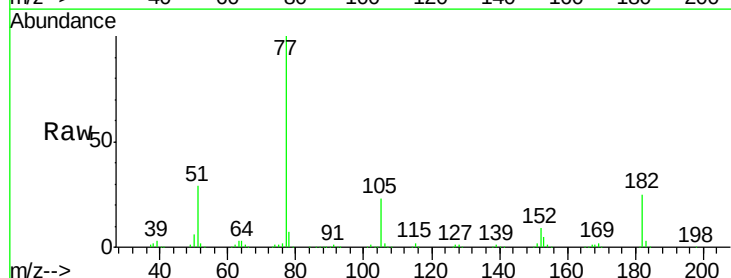
Instrument :
BNA_F
ClientSampleId :
PB85875BS

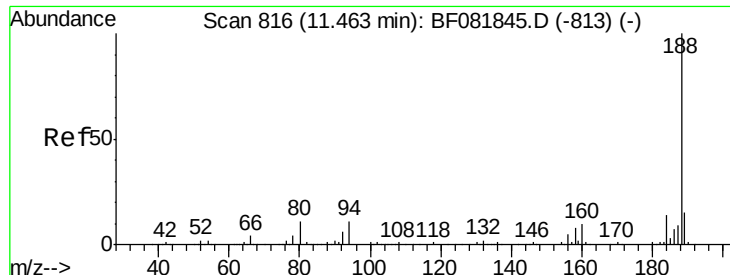
Tgt Ion:138 Resp: 108300
Ion Ratio Lower Upper
138 100
92 50.1 12.6 52.6
108 70.9 12.4 52.4#



#62
Azobenzene
Concen: 44.45 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

Tgt Ion: 77 Resp: 438072
Ion Ratio Lower Upper
77 100
182 25.0 15.1 55.1
105 22.9 3.4 43.4
51 29.4 12.0 52.0

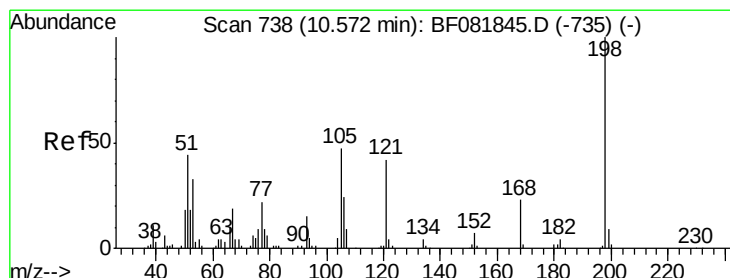
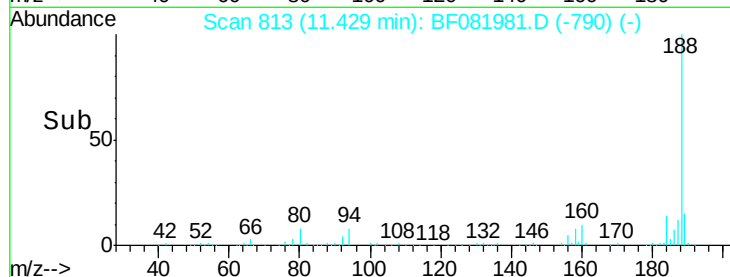
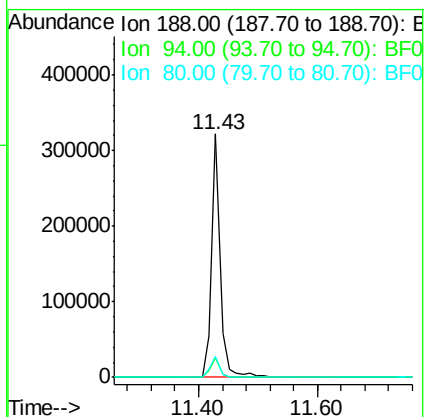
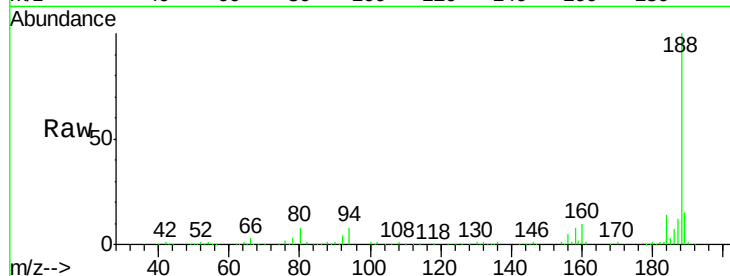




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

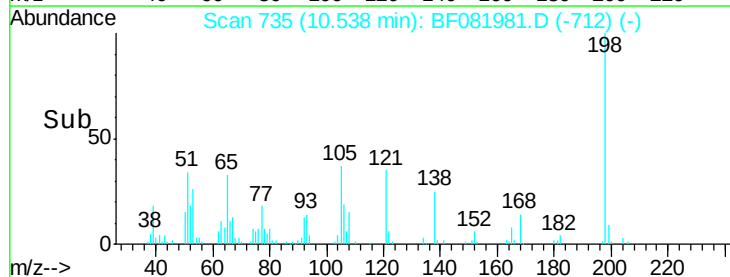
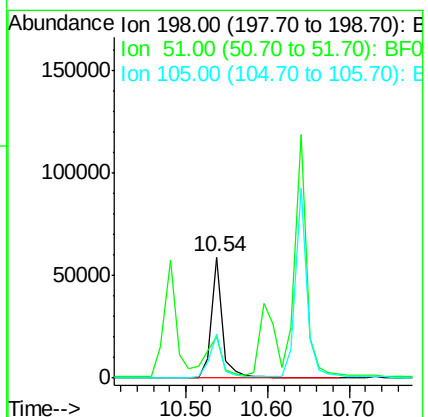
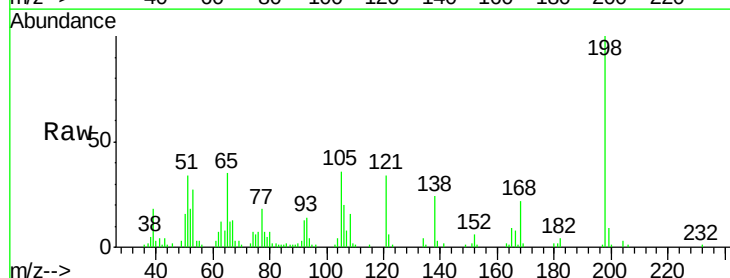
Instrument :
BNA_F
ClientSampleId :
PB85875BS

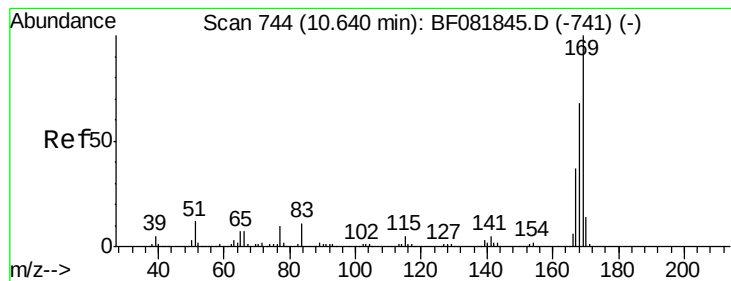
Tgt Ion:188 Resp: 324292
Ion Ratio Lower Upper
188 100
94 7.9 11.1 16.7#
80 8.4 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 41.49 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

Tgt Ion:198 Resp: 59071
Ion Ratio Lower Upper
198 100
51 34.4 39.6 79.6#
105 36.3 28.5 68.5

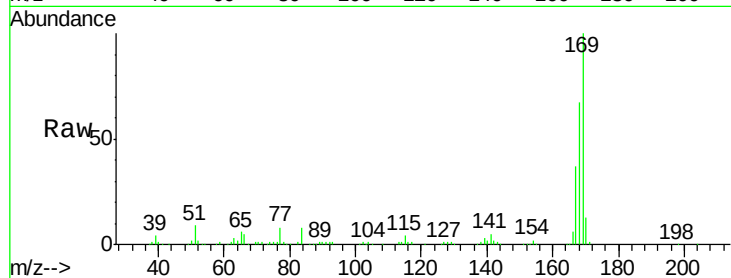




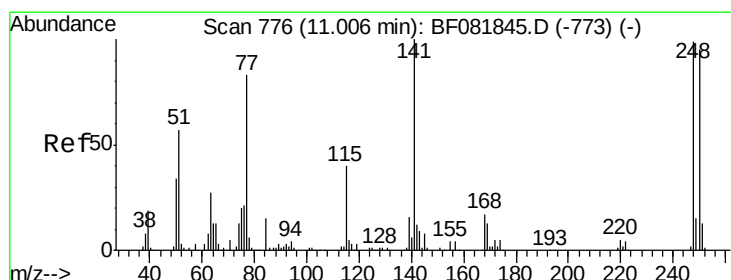
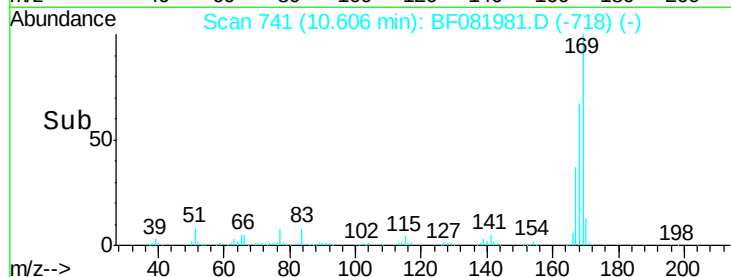
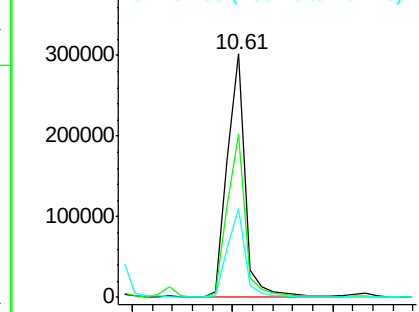
#65
 n-Nitrosodiphenylamine
 Concen: 38.41 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.03 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB85875BS

Tgt Ion:169 Resp: 376896
 Ion Ratio Lower Upper
 169 100
 168 67.0 48.9 73.3
 167 36.6 26.2 39.4

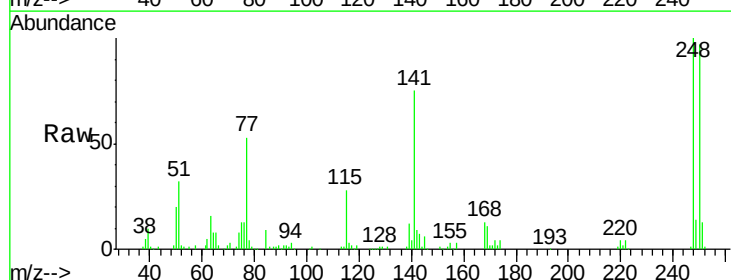


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

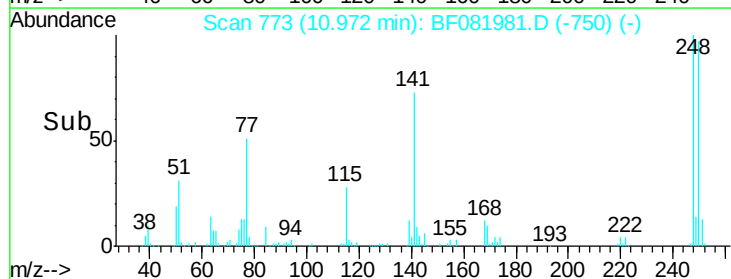
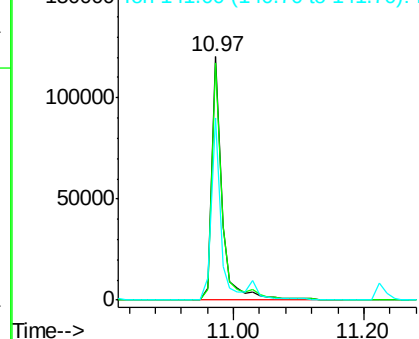


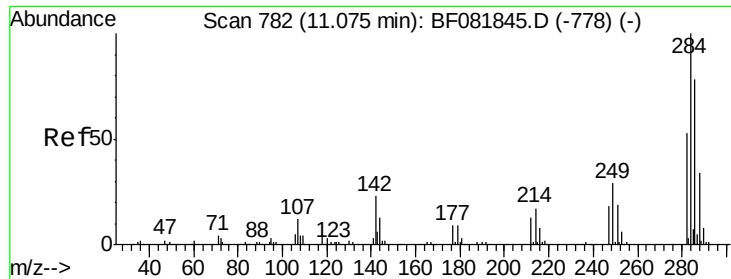
#66
 4-Bromophenyl-phenylether
 Concen: 40.82 ng
 RT: 10.97 min Scan# 773
 Delta R.T. -0.03 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

Tgt Ion:248 Resp: 133464
 Ion Ratio Lower Upper
 248 100
 250 97.2 78.5 117.7
 141 74.6 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: 35.00 ng

RT: 11.03 min Scan# 778

Delta R.T. -0.05 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB85875BS

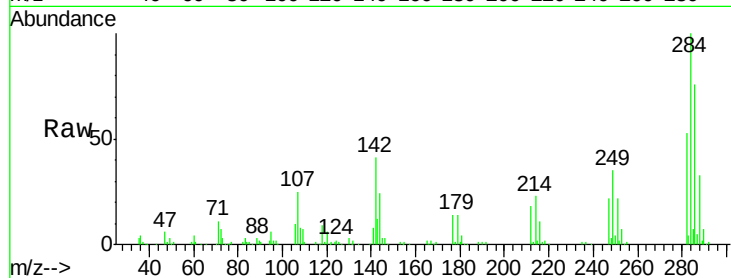
Tgt Ion:284 Resp: 129139

Ion Ratio Lower Upper

284 100

142 41.5 29.5 44.3

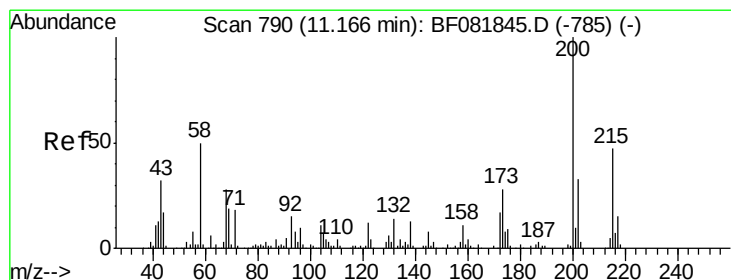
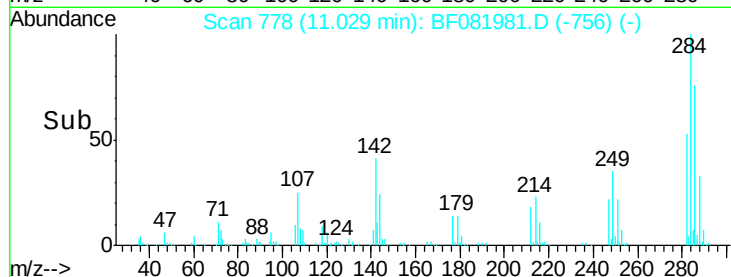
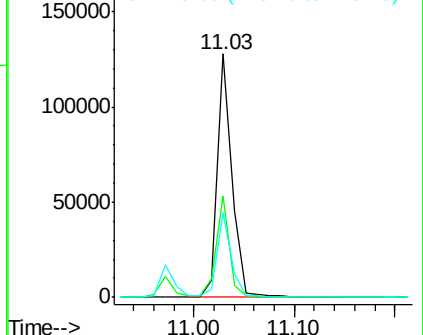
249 35.1 19.5 29.3#



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: 42.29 ng

RT: 11.13 min Scan# 787

Delta R.T. -0.03 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

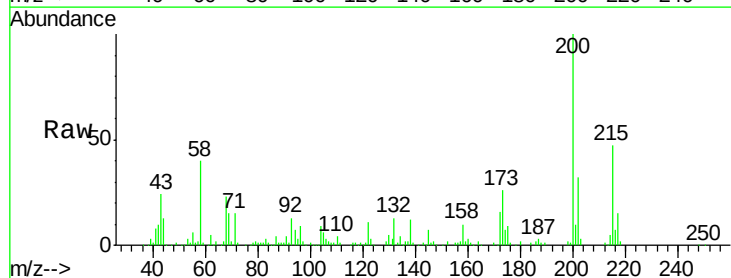
Tgt Ion:200 Resp: 128760

Ion Ratio Lower Upper

200 100

173 26.0 13.2 53.2

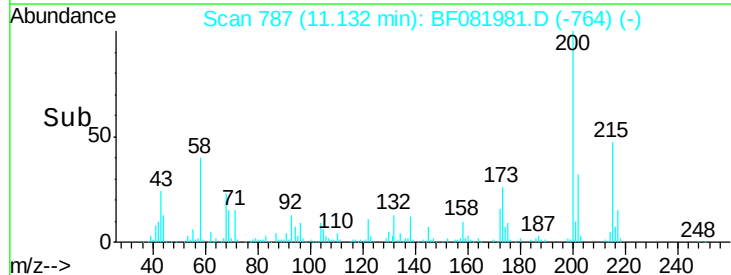
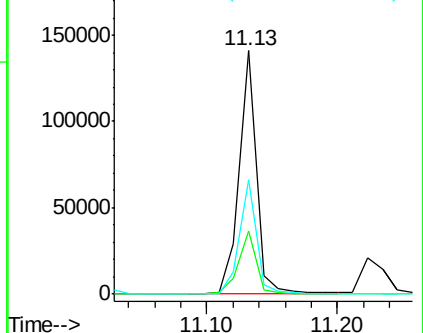
215 47.1 41.8 81.8

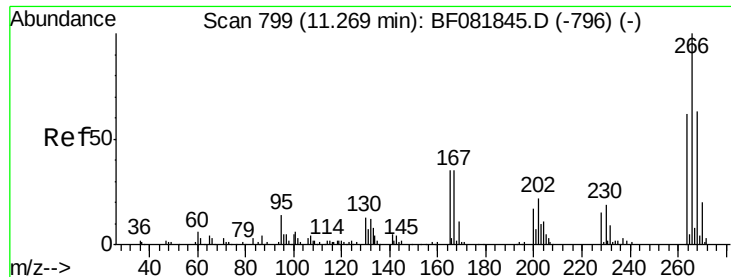


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

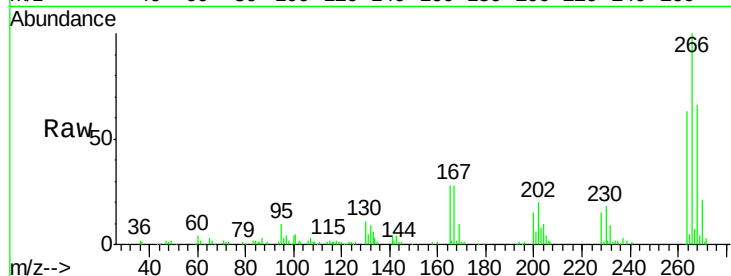




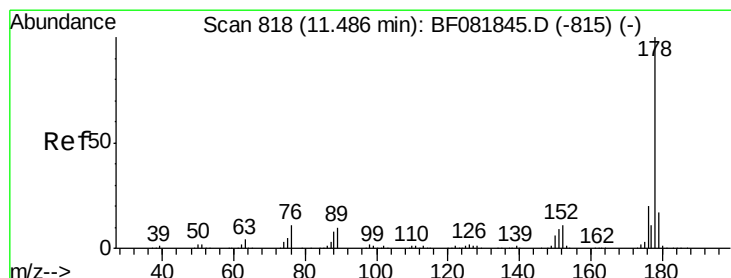
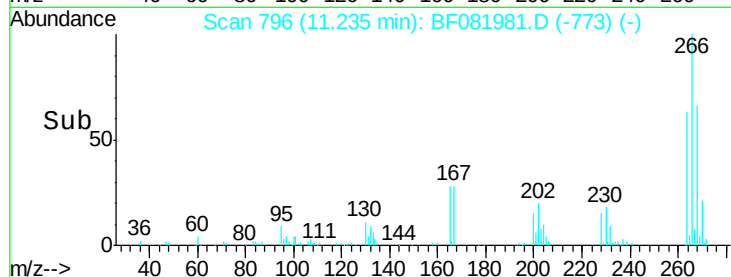
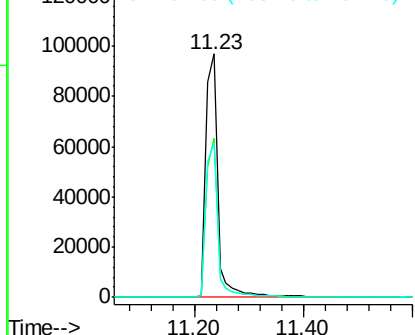
#69
 Pentachlorophenol
 Concen: 71.00 ng
 RT: 11.23 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB85875BS

Tgt Ion:266 Resp: 149285
 Ion Ratio Lower Upper
 266 100
 268 65.5 49.8 74.6
 264 63.2 50.2 75.2

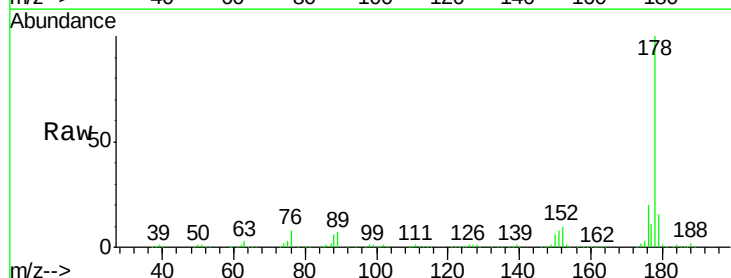


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

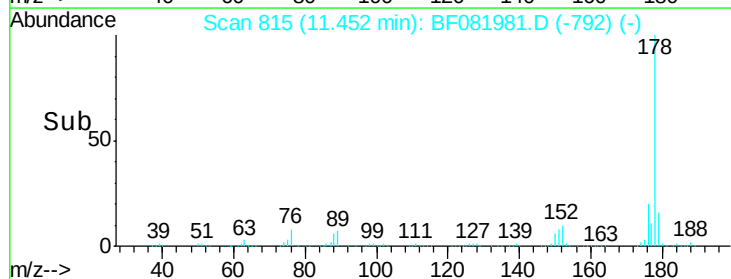
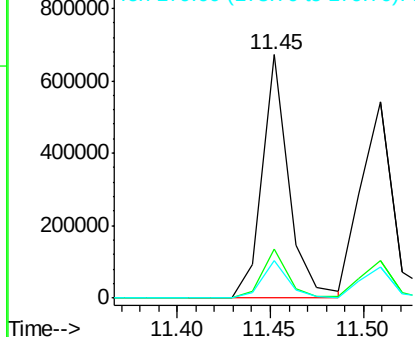


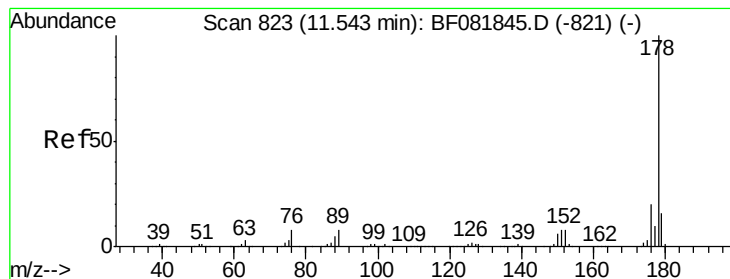
#70
 Phenanthrene
 Concen: 42.08 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

Tgt Ion:178 Resp: 658415
 Ion Ratio Lower Upper
 178 100
 176 20.1 13.8 20.8
 179 15.7 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: 41.88 ng

RT: 11.51 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB85875BS

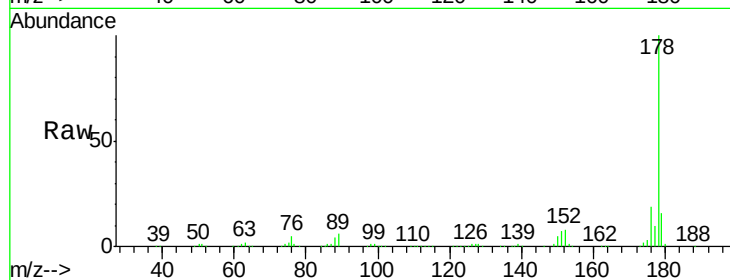
Tgt Ion:178 Resp: 690332

Ion Ratio Lower Upper

178 100

176 19.3 14.1 21.1

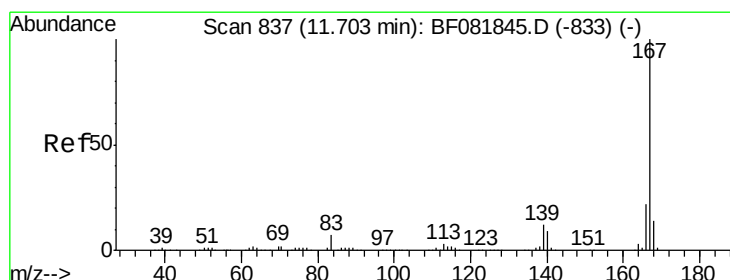
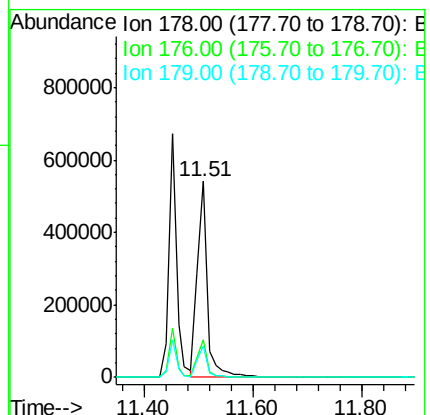
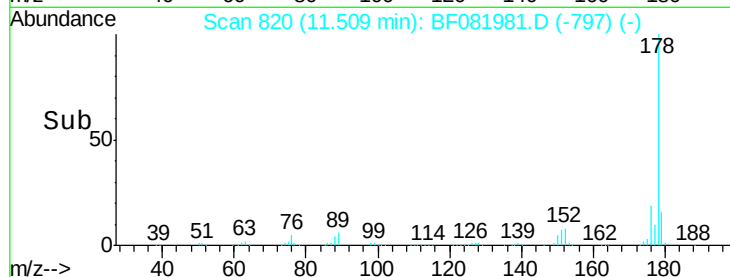
179 15.6 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.85 ng

RT: 11.67 min Scan# 834

Delta R.T. -0.03 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

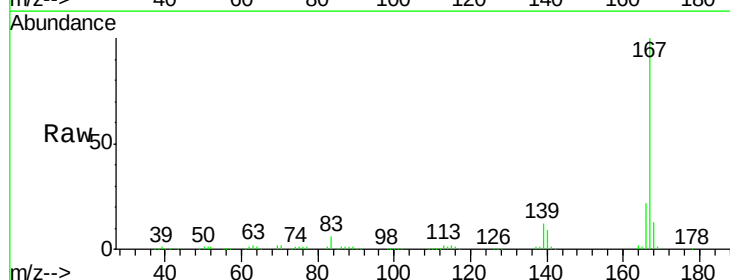
Tgt Ion:167 Resp: 624347

Ion Ratio Lower Upper

167 100

166 21.8 15.7 23.5

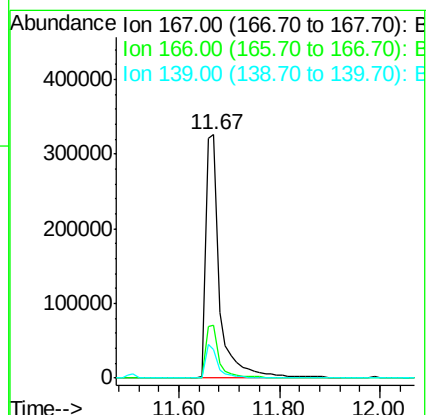
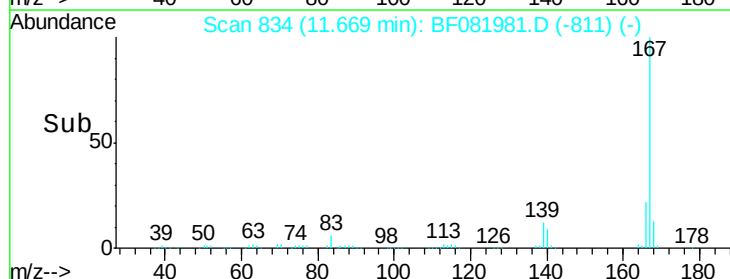
139 11.7 9.5 14.3

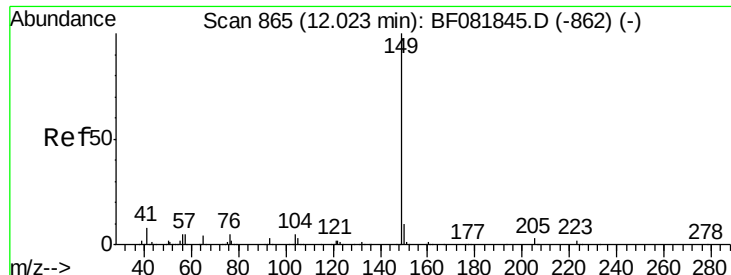


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.63 ng

RT: 11.99 min Scan# 862

Delta R.T. -0.03 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB85875BS

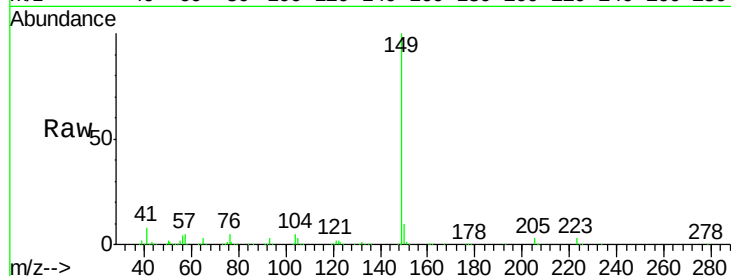
Tgt Ion:149 Resp: 693081

Ion Ratio Lower Upper

149 100

150 9.8 7.4 11.2

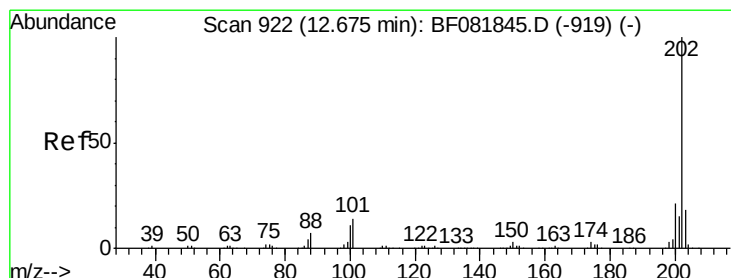
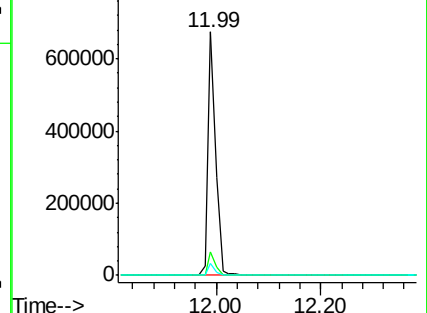
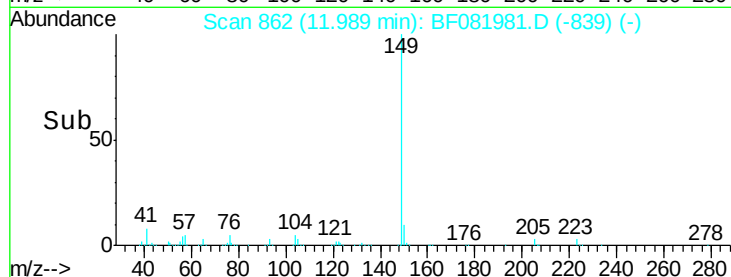
104 5.0 2.4 3.6#



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: 39.73 ng

RT: 12.64 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

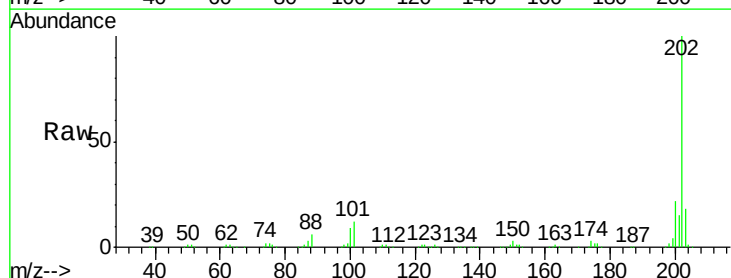
Tgt Ion:202 Resp: 690260

Ion Ratio Lower Upper

202 100

101 12.0 0.0 38.3

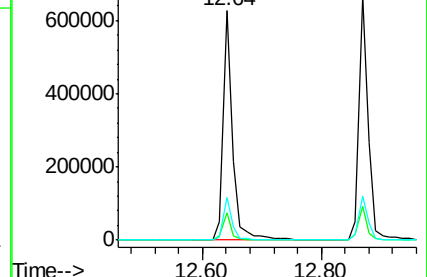
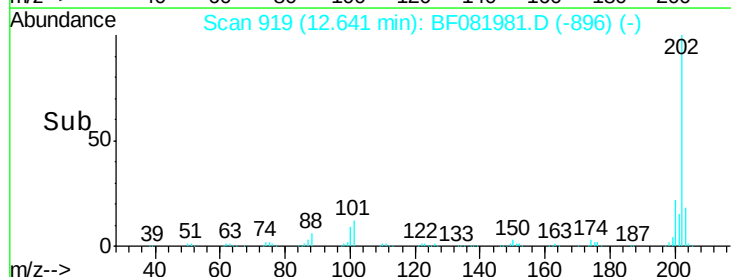
203 18.3 0.0 37.3

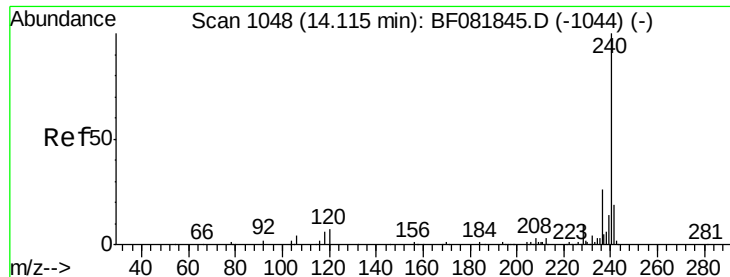


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.08 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB85875BS

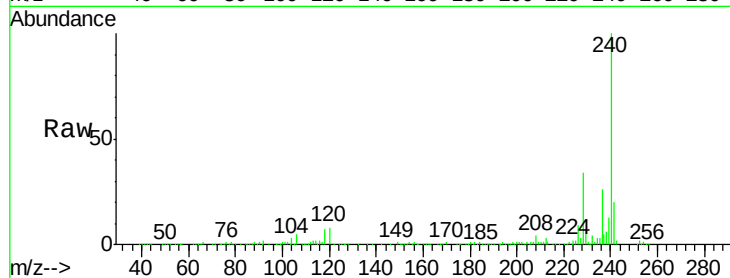
Tgt Ion:240 Resp: 316764

Ion Ratio Lower Upper

240 100

120 7.6 16.2 24.2#

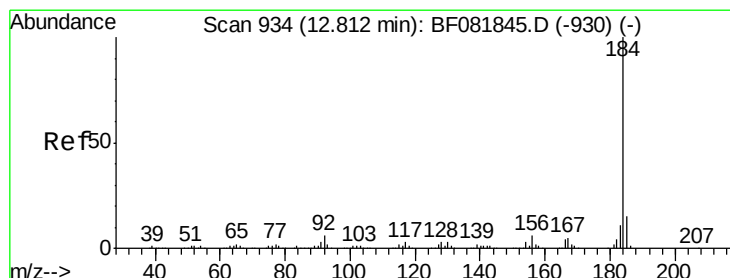
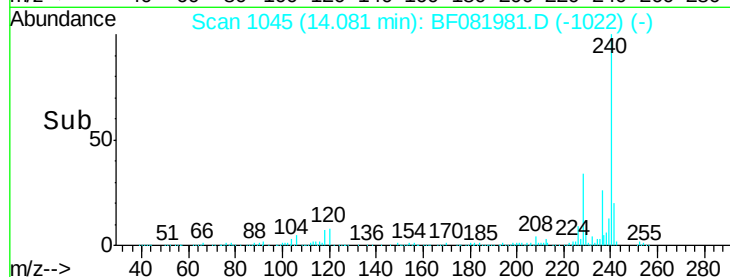
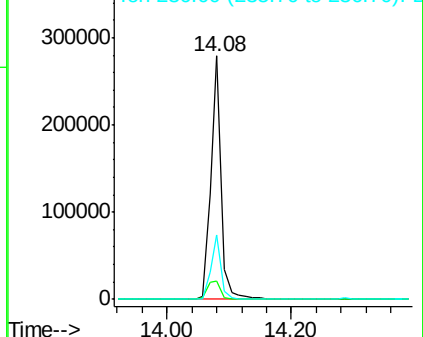
236 26.3 18.4 27.6



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: 37.66 ng

RT: 12.78 min Scan# 931

Delta R.T. -0.03 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

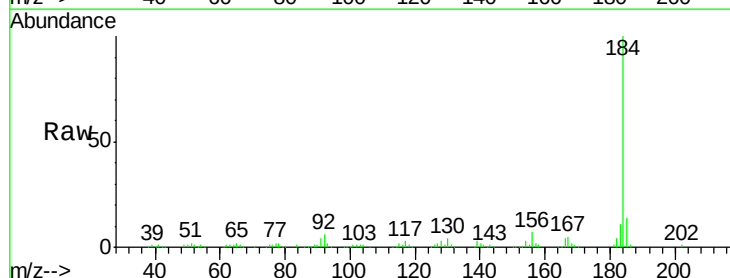
Tgt Ion:184 Resp: 359467

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

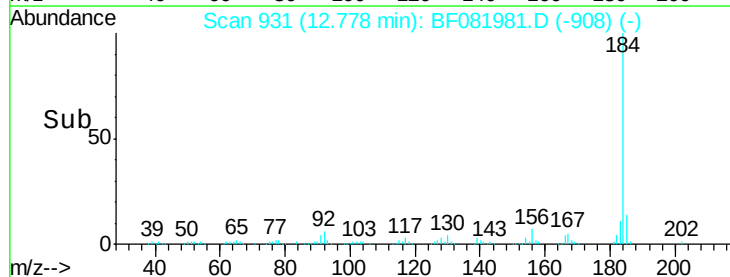
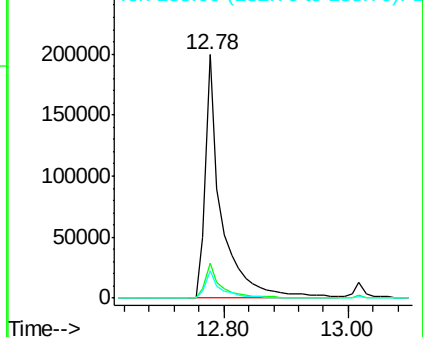
183 11.0 7.6 11.4

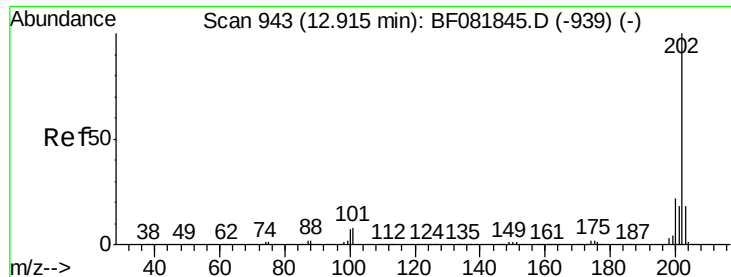


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

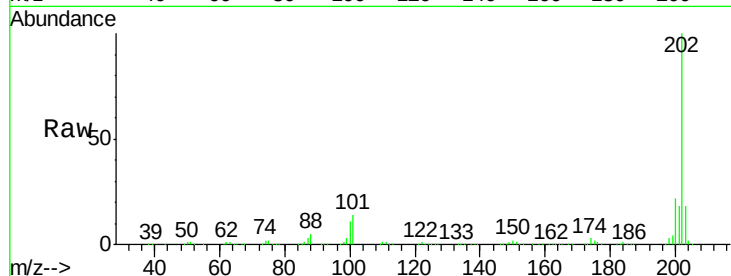




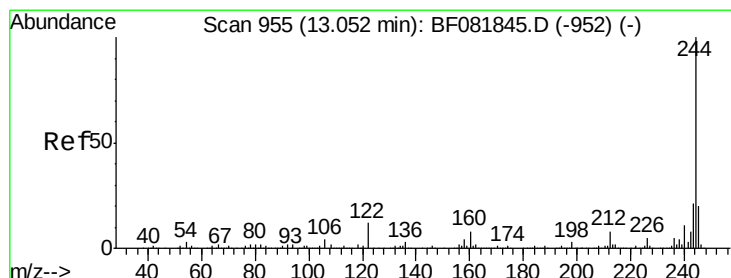
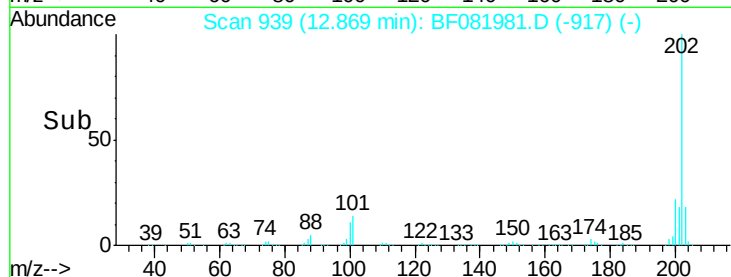
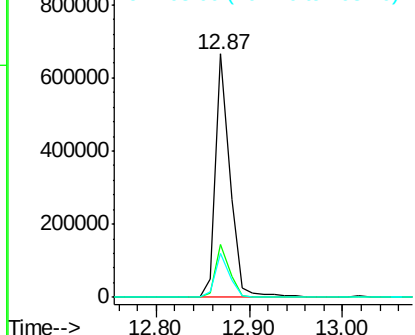
#77
 Pyrene
 Concen: 37.73 ng
 RT: 12.87 min Scan# 939
 Delta R.T. -0.05 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB85875BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	15.0	22.4
203	18.1	14.1	21.1

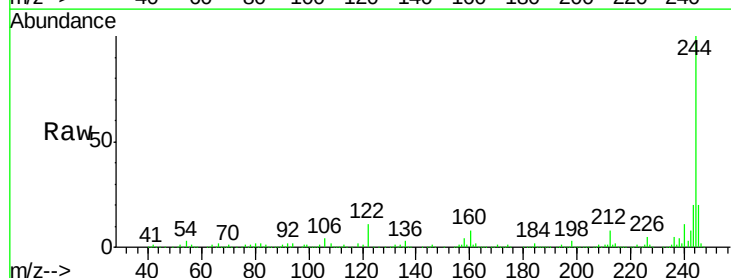


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

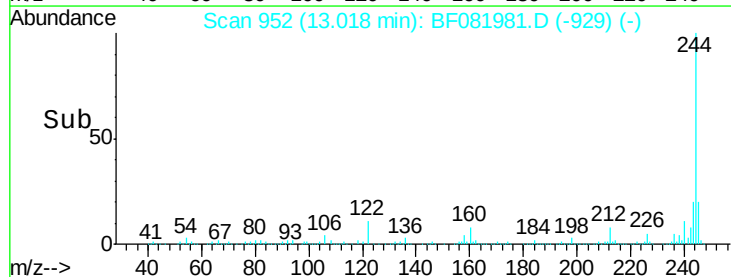
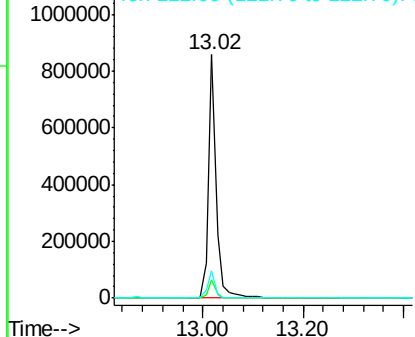


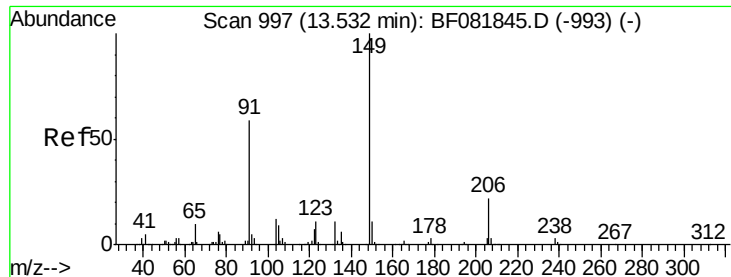
#78
 Terphenyl-d14
 Concen: 96.13 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	11.2	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

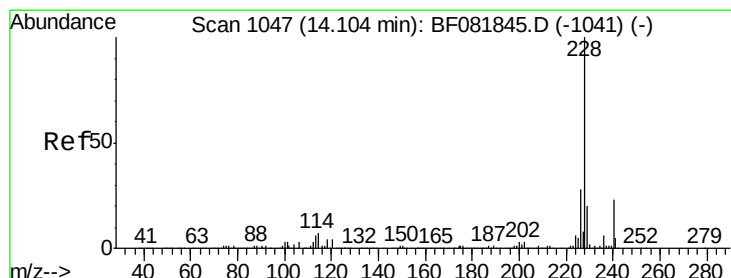
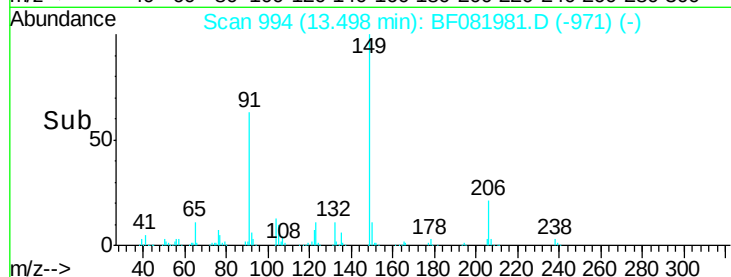
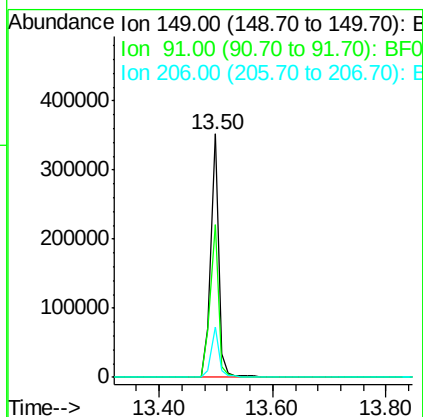
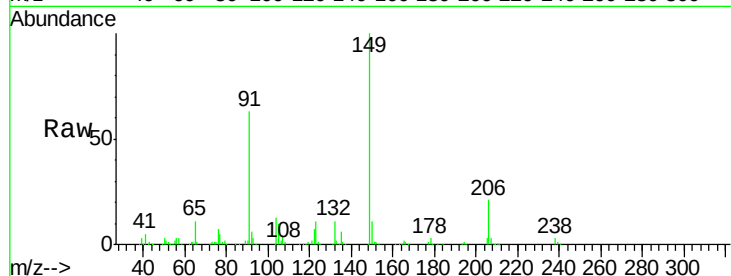




#79
Butylbenzylphthalate
Concen: 46.07 ng
RT: 13.50 min Scan# 994
Delta R.T. -0.03 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

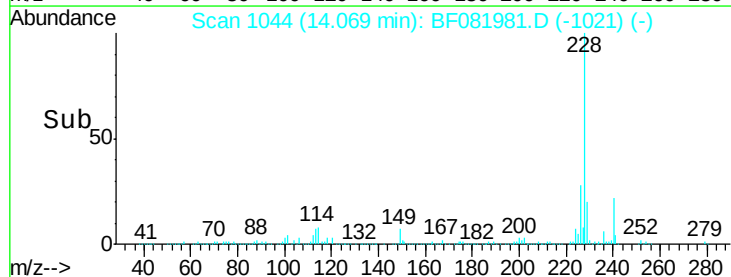
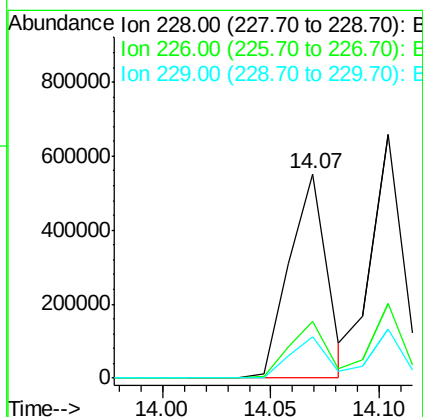
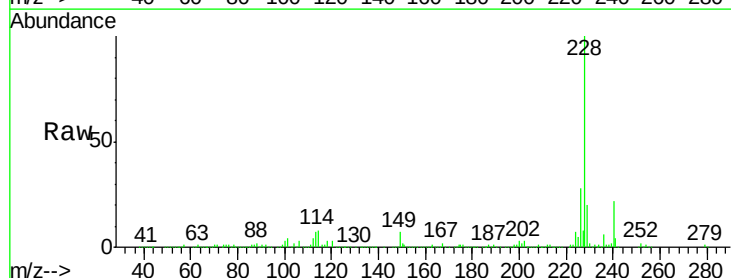
Instrument :
BNA_F
ClientSampleId :
PB85875BS

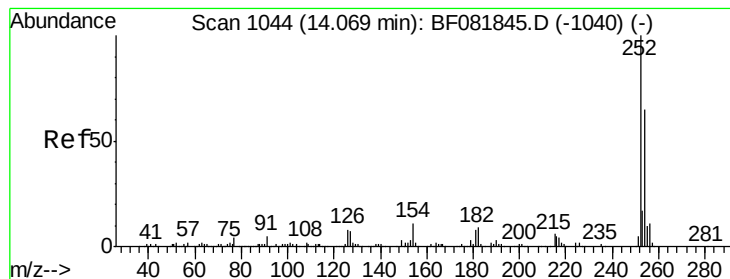
Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.8	48.6	72.8
206	20.5	14.9	22.3



#80
Benzo(a)anthracene
Concen: 38.91 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	20.0	30.0
229	20.0	15.4	23.2

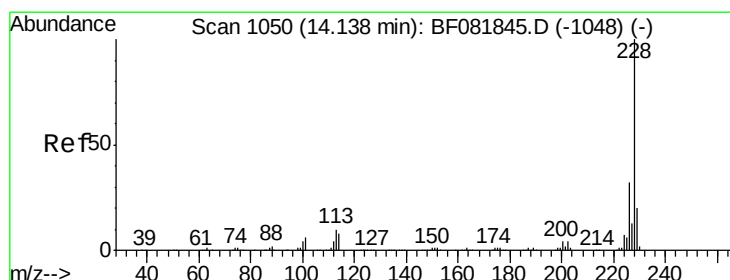
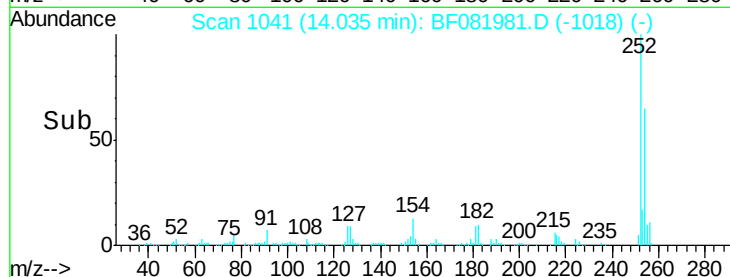
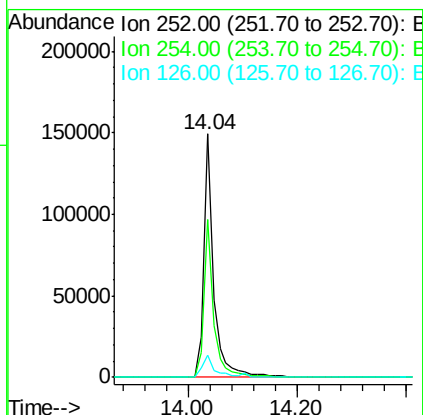
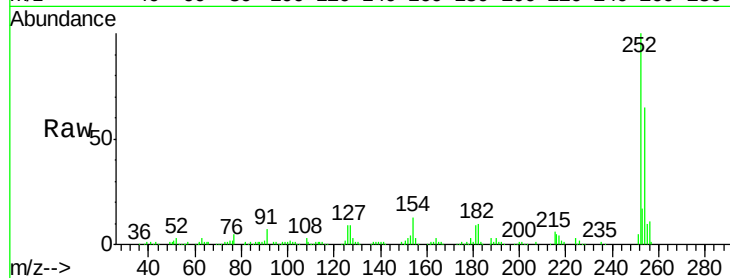




#81
 3,3'-Dichlorobenzidine
 Concen: 32.44 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

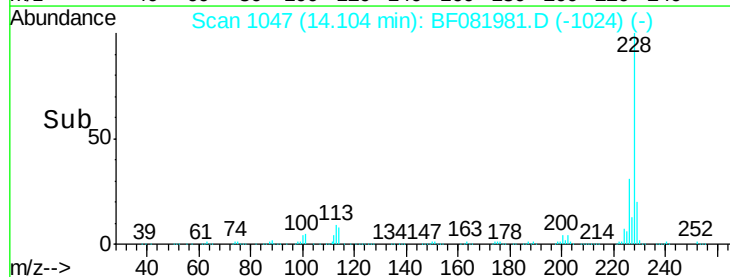
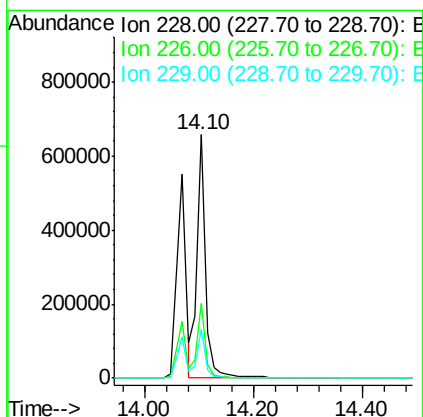
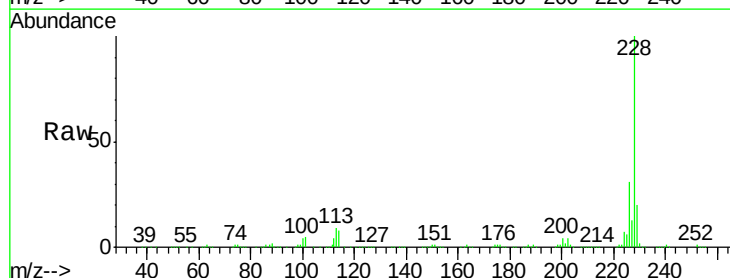
Instrument :
 BNA_F
 ClientSampleId :
 PB85875BS

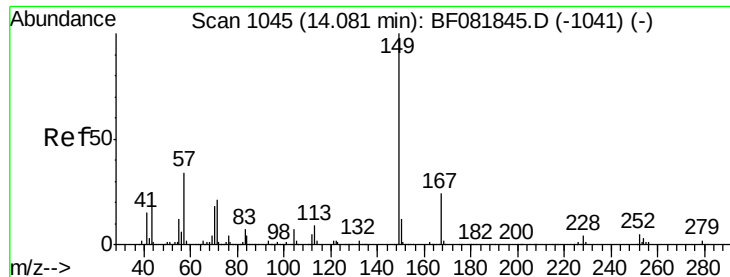
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.4	77.2
126	9.4	16.4	24.6#



#82
 Chrysene
 Concen: 52.24 ng
 RT: 14.10 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.0	31.4
229	20.1	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.54 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB85875BS

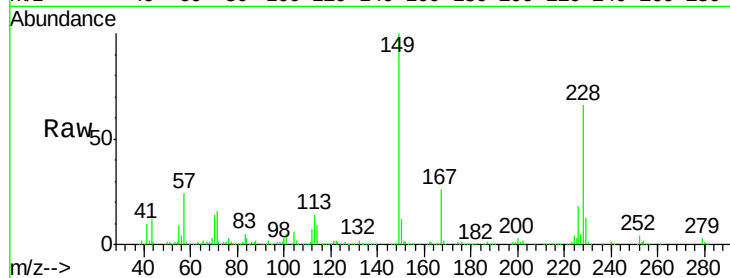
Tgt Ion:149 Resp: 433535

Ion Ratio Lower Upper

149 100

167 26.4 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

14.06

400000

300000

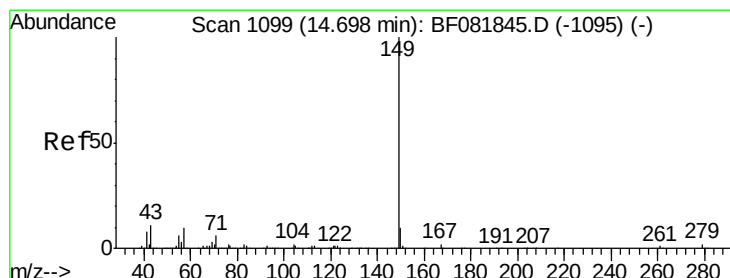
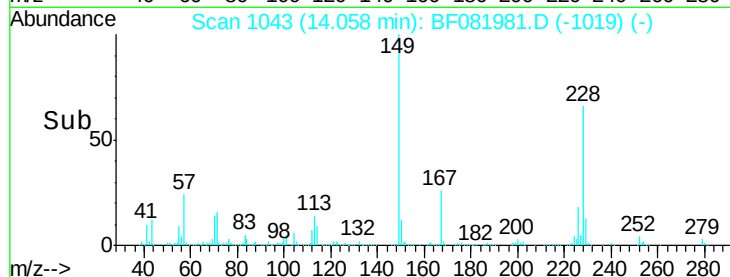
200000

100000

0

14.00 14.10 14.20

Time-->



#84

Di-n-octyl phthalate

Concen: 51.19 ng

RT: 14.68 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

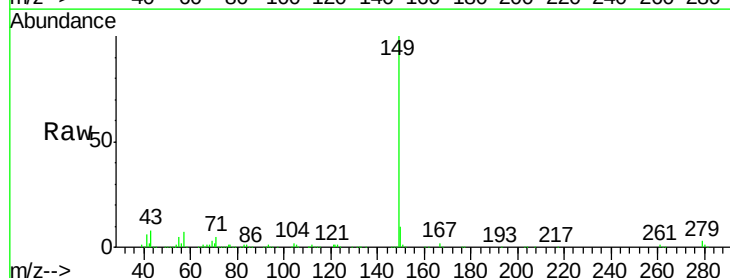
Tgt Ion:149 Resp: 744044

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

43 9.0 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

14.68

800000

600000

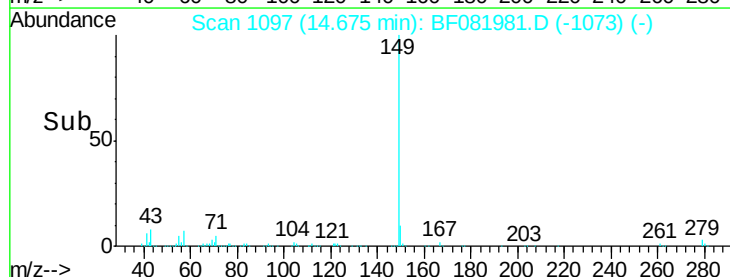
400000

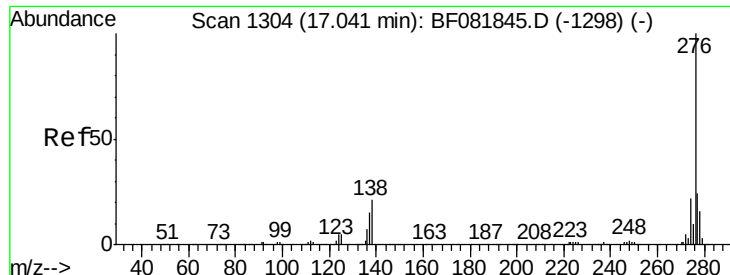
200000

0

14.60 14.70 14.80

Time-->

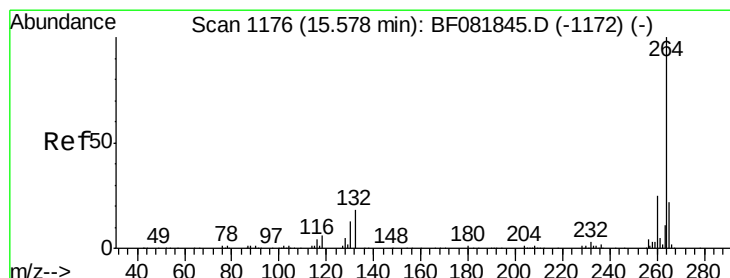
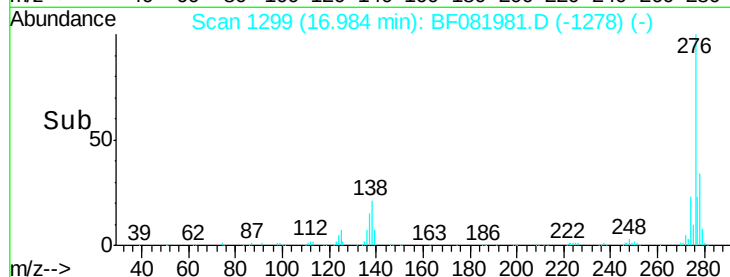
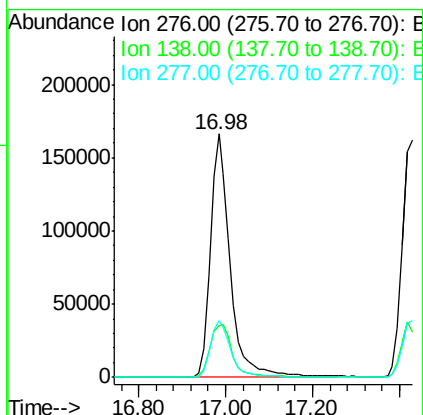
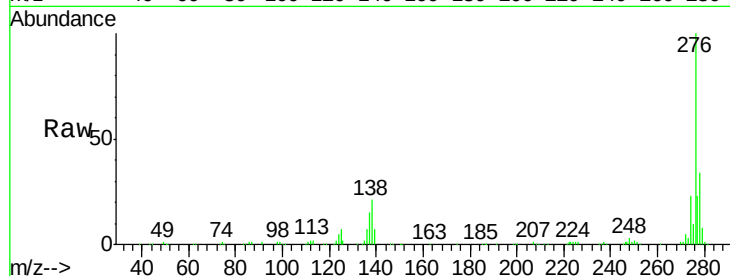




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.91 ng
 RT: 16.98 min Scan# 1299
 Delta R.T. -0.06 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

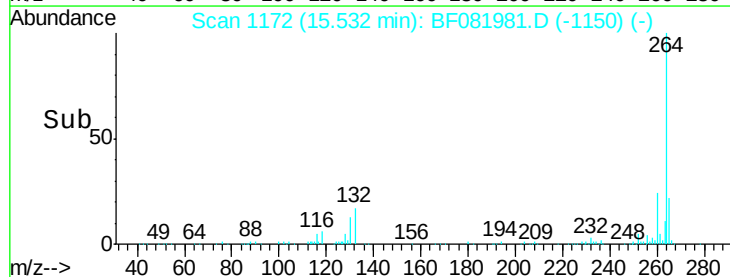
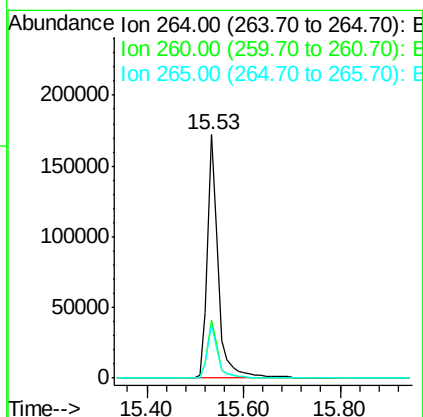
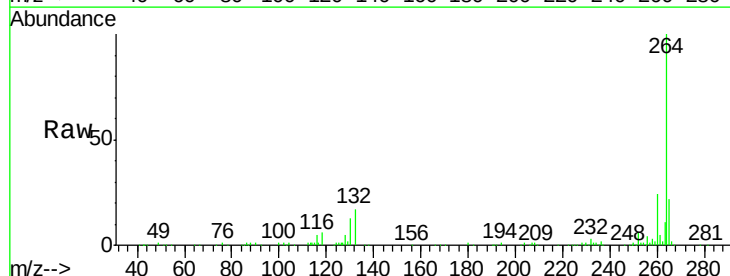
Instrument :
 BNA_F
 ClientSampleId :
 PB85875BS

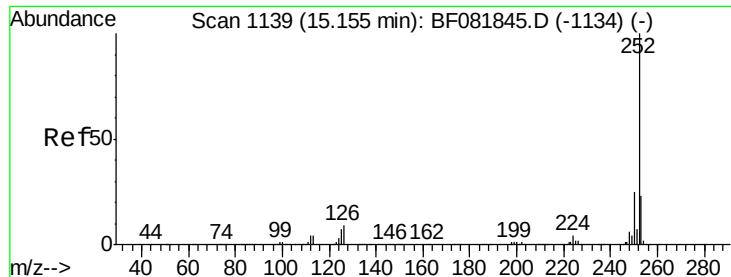
Tgt Ion: 276 Resp: 532502
 Ion Ratio Lower Upper
 276 100
 138 25.1 25.7 38.5#
 277 24.3 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF081981.D
 Acq: 2 Oct 2015 14:51

Tgt Ion: 264 Resp: 271410
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 21.9 17.2 25.8

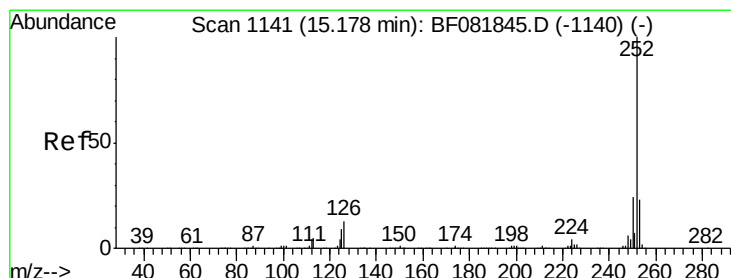
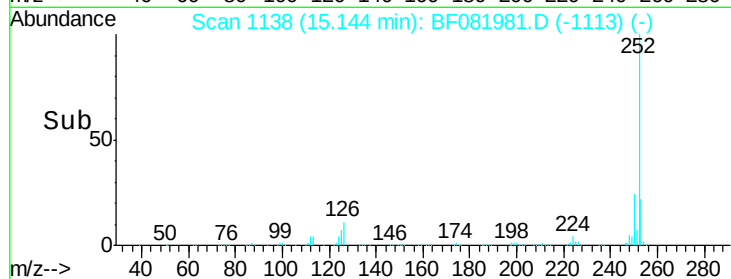
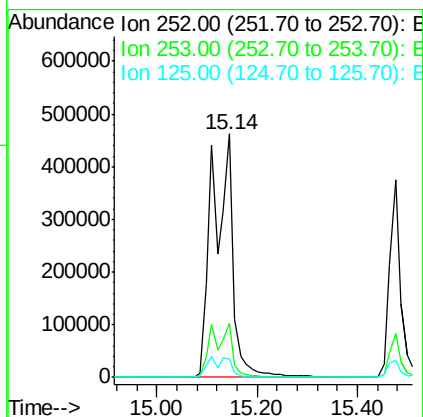
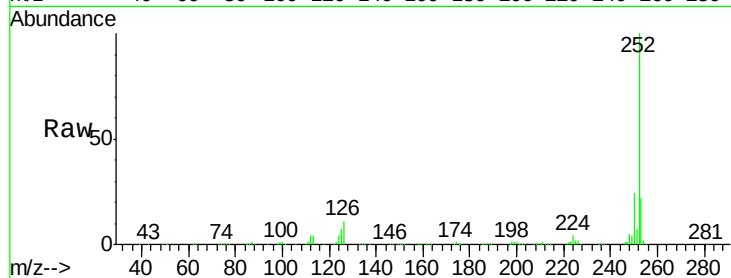




#87
Benzo(b)fluoranthene
Concen: 83.41 ng
RT: 15.14 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

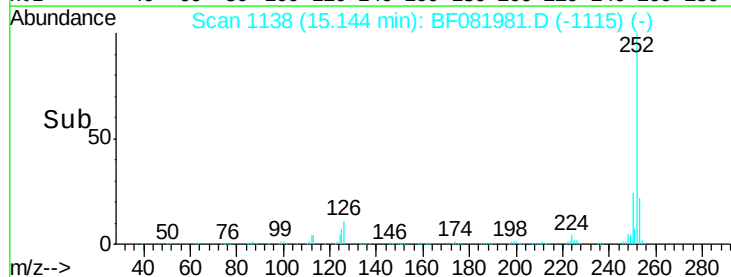
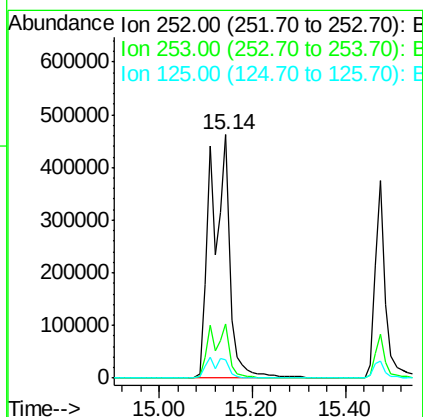
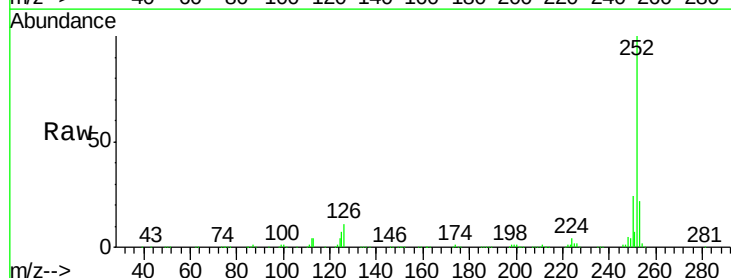
Instrument :
BNA_F
ClientSampleId :
PB85875BS

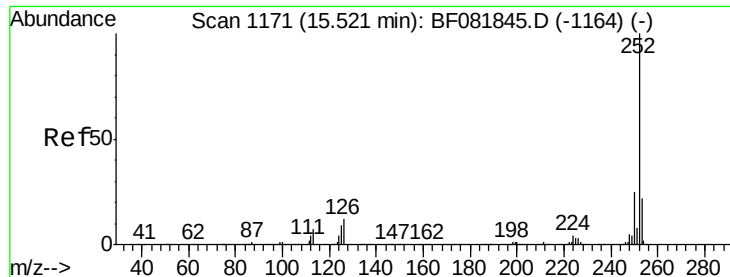
Tgt Ion:252 Resp: 1292495
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 7.3 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 91.11 ng
RT: 15.14 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF081981.D
Acq: 2 Oct 2015 14:51

Tgt Ion:252 Resp: 1294036
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 7.3 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 44.29 ng

RT: 15.48 min Scan# 1167

Delta R.T. -0.05 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB85875BS

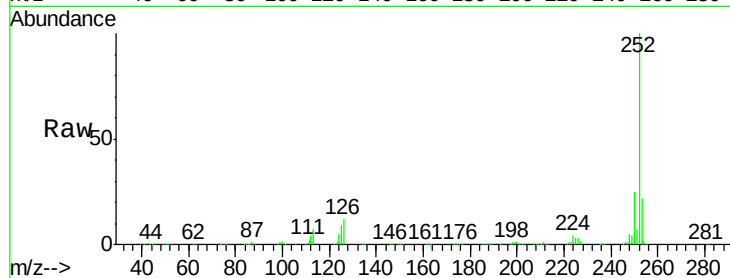
Tgt Ion:252 Resp: 595278

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

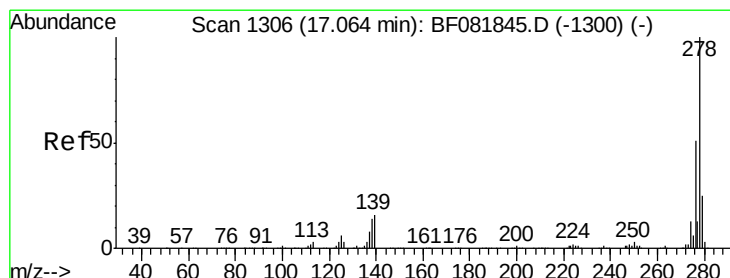
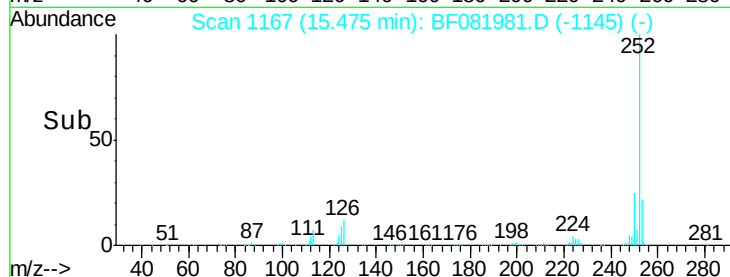
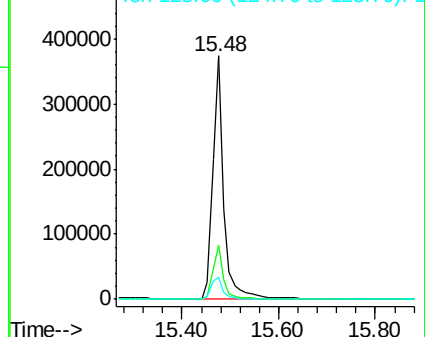
125 9.0 18.0 27.0#



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: 39.72 ng

RT: 17.01 min Scan# 1301

Delta R.T. -0.06 min

Lab File: BF081981.D

Acq: 2 Oct 2015 14:51

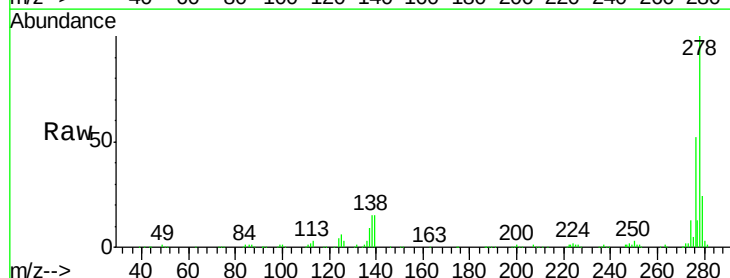
Tgt Ion:278 Resp: 447947

Ion Ratio Lower Upper

278 100

139 15.0 26.3 39.5#

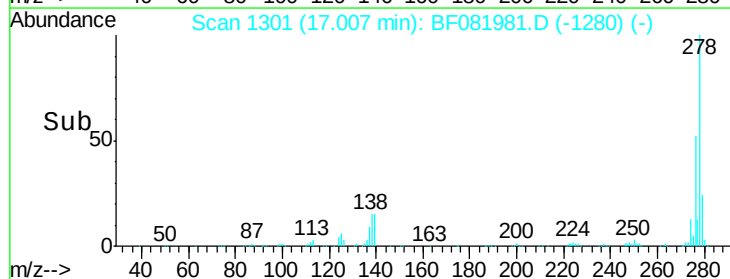
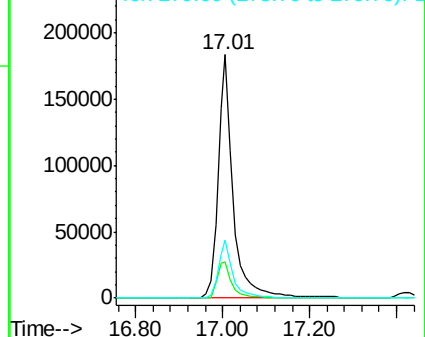
279 23.7 18.2 27.4

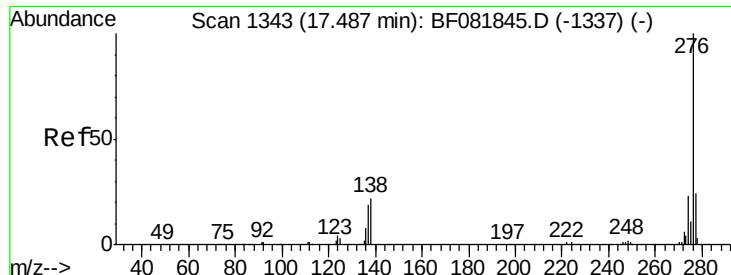


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.70 ng

RT: 17.43 min Scan# 1338

Delta R.T. -0.06 min

Lab File: BF081981.D

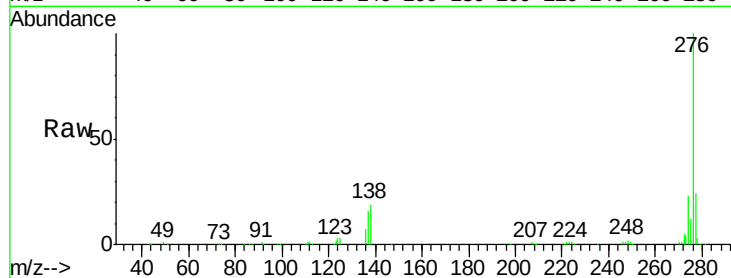
Acq: 2 Oct 2015 14:51

Instrument :

BNA_F

ClientSampleId :

PB85875BS



Tgt Ion:	276	Resp:	424152
Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.8	26.6
138	19.1	34.6	51.8#

