

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
 Data File : BF082043.D
 Acq On : 5 Oct 2015 13:51
 Operator : UM/IZ
 Sample : PB85905BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BS

Quant Time: Oct 05 18:24:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 18:00:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	102906	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	407799	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	200407	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	374973	20.00	ng	0.00
75) Chrysene-d12	14.06	240	324820	20.00	ng	0.00
86) Perylene-d12	15.51	264	289335	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	464079	81.87	ng	0.01
7) Phenol-d6	6.51	99	609905	85.50	ng	0.00
23) Nitrobenzene-d5	7.45	82	560469	91.62	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	175861	86.65	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1117012	95.56	ng	0.00
78) Terphenyl-d14	13.01	244	1164567	139.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	89219	36.19	ng	88
3) Pyridine	3.35	79	254216	39.61	ng	85
4) n-Nitrosodimethylamine	3.30	42	104114	35.71	ng	94
6) Aniline	6.55	93	274041	28.60	ng	# 90
8) 2-Chlorophenol	6.66	128	281397	44.95	ng	85
9) Benzaldehyde	6.43	77	54722	11.71	ng	# 84
10) Phenol	6.53	94	322941	40.36	ng	# 67
11) bis(2-Chloroethyl)ether	6.63	93	280267	45.17	ng	88
12) 1,3-Dichlorobenzene	6.82	146	316542	42.81	ng	# 95
13) 1,4-Dichlorobenzene	6.90	146	334461	43.32	ng	# 96
14) 1,2-Dichlorobenzene	6.90	146	338066	49.14	ng	98
15) Benzyl Alcohol	7.03	79	214949	41.74	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	380241	43.35	ng	81
17) 2-Methylphenol	7.14	107	229273	45.17	ng	# 85
18) Hexachloroethane	7.39	117	108170	44.75	ng	# 82
19) n-Nitroso-di-n-propylamine	7.30	70	185606	42.81	ng	# 77
20) 3+4-Methylphenols	7.29	107	267111	41.67	ng	# 65
22) Acetophenone	7.30	105	377926	45.33	ng	# 83
24) Nitrobenzene	7.47	77	294308	44.31	ng	# 73
25) Isophorone	7.71	82	531059	43.80	ng	# 93
26) 2-Nitrophenol	7.79	139	152731	47.90	ng	# 88
27) 2,4-Dimethylphenol	7.83	122	261098	46.55	ng	# 83
28) bis(2-Chloroethoxy)methane	7.92	93	311938	43.32	ng	# 93
29) 2,4-Dichlorophenol	8.03	162	251737	46.28	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	279397	46.01	ng	99
31) Naphthalene	8.19	128	829655	45.91	ng	97
32) Benzoic acid	7.95	122	161700	48.16	ng	# 71
33) 4-Chloroaniline	8.25	127	173656	22.23	ng	# 96
34) Hexachlorobutadiene	8.31	225	164367	45.77	ng	99
35) Caprolactam	8.66	113	31300	20.79	ng	88
36) 4-Chloro-3-methylphenol	8.73	107	264184	49.67	ng	91
37) 2-Methylnaphthalene	8.88	142	529381	42.92	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	278314	45.24	ng	99
40) Hexachlorocyclopentadiene	9.04	237	320989	101.31	ng	97

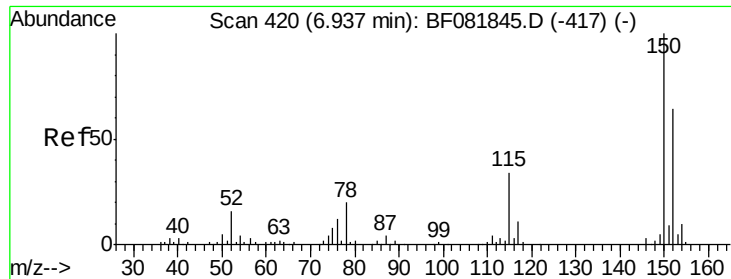
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
 Data File : BF082043.D
 Acq On : 5 Oct 2015 13:51
 Operator : UM/IZ
 Sample : PB85905BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BS

Quant Time: Oct 05 18:24:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 18:00:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	198145	46.98	ng	98
43) 2,4,5-Trichlorophenol	9.21	196	192897	44.47	ng #	93
45) 1,1'-Biphenyl	9.35	154	660037	42.69	ng	96
46) 2-Chloronaphthalene	9.37	162	520198	42.85	ng #	92
47) 2-Nitroaniline	9.47	65	156246	43.84	ng #	75
48) Acenaphthylene	9.79	152	873767	44.97	ng	96
49) Dimethylphthalate	9.66	163	639857	46.26	ng #	98
50) 2,6-Dinitrotoluene	9.71	165	132436	44.10	ng #	55
51) Acenaphthene	9.97	154	530666	45.99	ng	90
52) 3-Nitroaniline	9.89	138	96648	27.81	ng #	59
53) 2,4-Dinitrophenol	10.00	184	170427	99.46	ng #	84
54) Dibenzofuran	10.14	168	744767	45.67	ng #	88
55) 4-Nitrophenol	10.06	139	228918	91.18	ng #	64
56) 2,4-Dinitrotoluene	10.13	165	193770	50.61	ng #	91
57) Fluorene	10.48	166	603215	52.06	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.25	232	174113	50.60	ng	95
59) Diethylphthalate	10.35	149	601061	46.52	ng	99
60) 4-Chlorophenyl-phenylether	10.47	204	259296	43.43	ng #	83
61) 4-Nitroaniline	10.51	138	150191	43.11	ng #	60
62) Azobenzene	10.63	77	572445	45.39	ng	90
64) 4,6-Dinitro-2-methylphenol	10.53	198	95120	54.24	ng	87
65) n-Nitrosodiphenylamine	10.59	169	532579	46.94	ng	93
66) 4-Bromophenyl-phenylether	10.96	248	179669	47.52	ng	96
67) Hexachlorobenzene	11.03	284	185863	43.56	ng #	74
68) Atrazine	11.12	200	160737	45.66	ng	82
69) Pentachlorophenol	11.22	266	230638	94.87	ng	98
70) Phenanthrene	11.44	178	805878	44.65	ng	96
71) Anthracene	11.50	178	969182	50.85	ng	97
72) Carbazole	11.66	167	830130	48.13	ng	97
73) Di-n-butylphthalate	11.98	149	908778	51.93	ng #	98
74) Fluoranthene	12.63	202	882856	43.95	ng	91
76) Benzidine	12.75	184	370126	37.82	ng	97
77) Pyrene	12.86	202	880338	45.37	ng	95
79) Butylbenzylphthalate	13.48	149	369893	50.66	ng #	85
80) Benzo(a)anthracene	14.05	228	809363	46.27	ng	96
81) 3,3'-Dichlorobenzidine	14.01	252	198036	33.52	ng #	96
82) Chrysene	14.09	228	844205	Below Cal		95
83) Bis(2-ethylhexyl)phthalate	14.04	149	523512	57.16	ng #	93
84) Di-n-octyl phthalate	14.65	149	901399	60.47	ng #	92
85) Indeno(1,2,3-cd)pyrene	16.94	276	665606	48.64	ng #	87
87) Benzo(b)fluoranthene	15.12	252	1521168	92.08	ng #	86
88) Benzo(k)fluoranthene	15.12	252	1525053	100.73	ng #	86
89) Benzo(a)pyrene	15.45	252	723305	50.48	ng #	84
90) Dibenzo(a,h)anthracene	16.96	278	550592	45.80	ng #	81
91) Benzo(g,h,i)perylene	17.37	276	527868	42.85	ng #	77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB85905BS

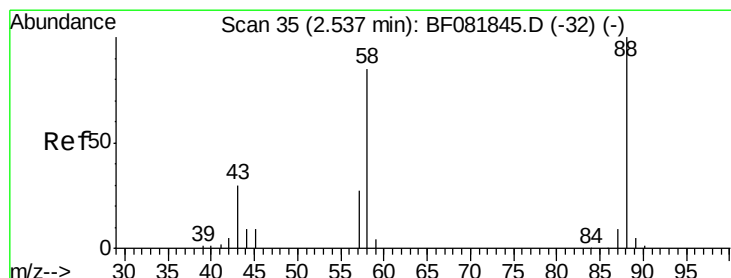
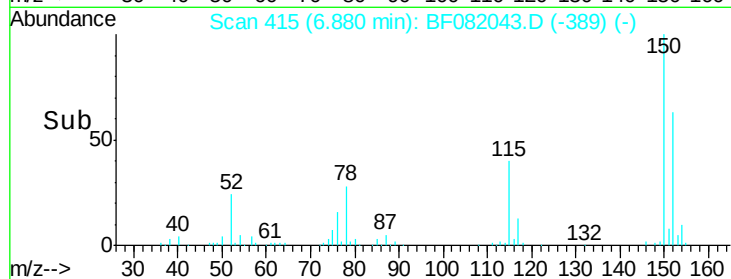
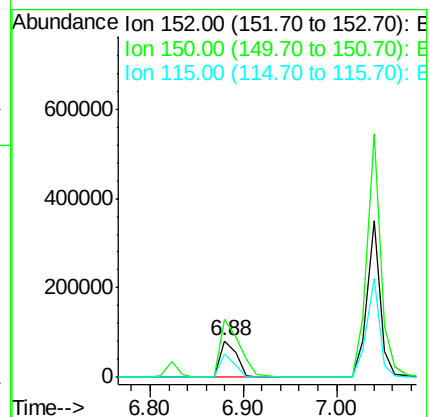
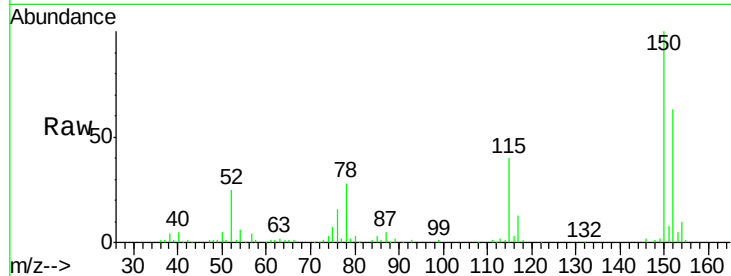
Tgt Ion:152 Resp: 102906

Ion Ratio Lower Upper

152 100

150 158.6 124.7 187.1

115 62.9 39.0 58.4#



#2

1,4-Dioxane

Concen: 36.19 ng

RT: 2.62 min Scan# 42

Delta R.T. 0.11 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

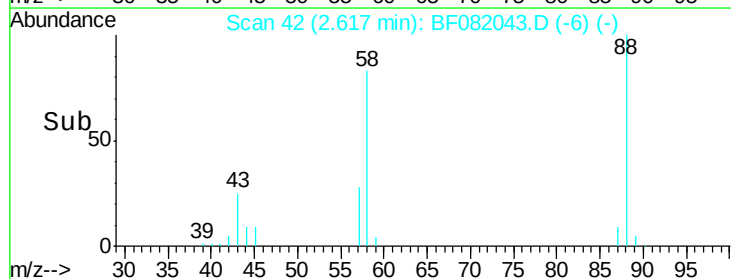
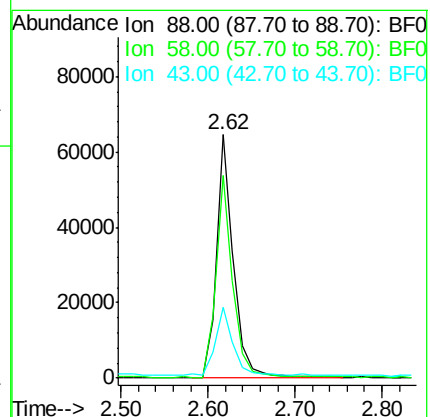
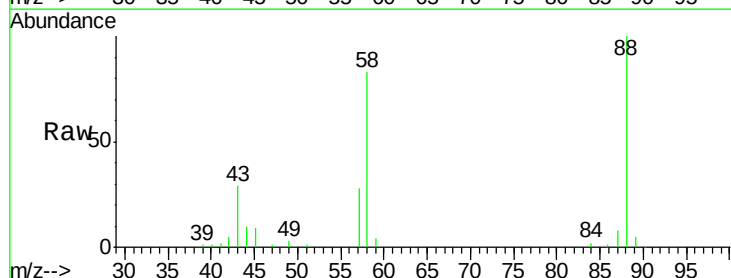
Tgt Ion: 88 Resp: 89219

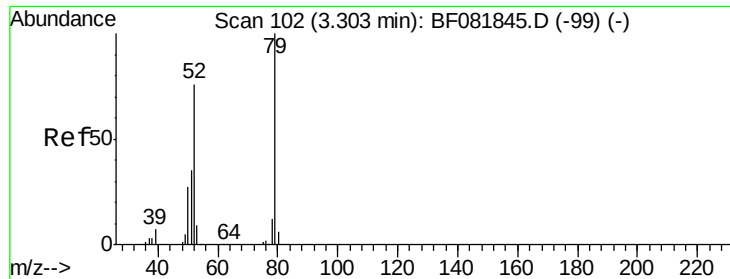
Ion Ratio Lower Upper

88 100

58 83.4 77.7 116.5

43 29.1 26.6 40.0





#3

Pyridine

Concen: 39.61 ng

RT: 3.35 min Scan# 106

Delta R.T. 0.11 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB85905BS

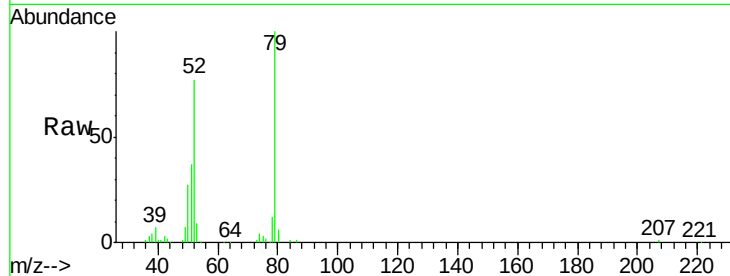
Tgt Ion: 79 Resp: 254216

Ion Ratio Lower Upper

79 100

52 77.0 76.8 115.2

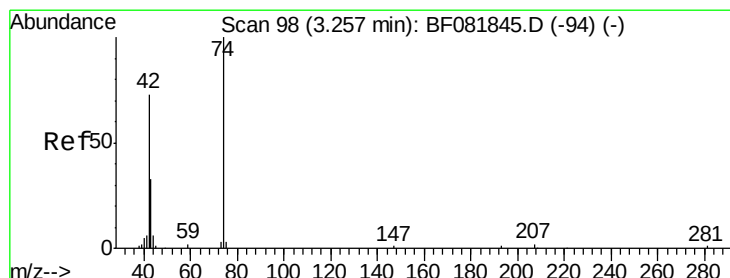
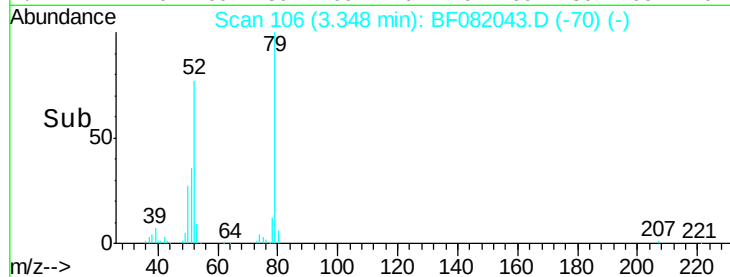
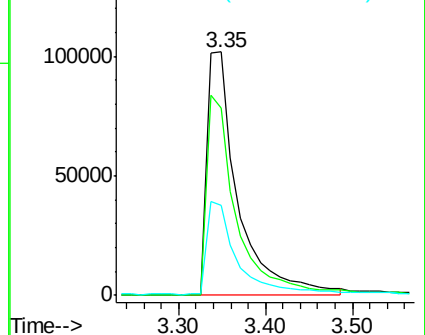
51 37.0 32.2 48.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.71 ng

RT: 3.30 min Scan# 102

Delta R.T. 0.10 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

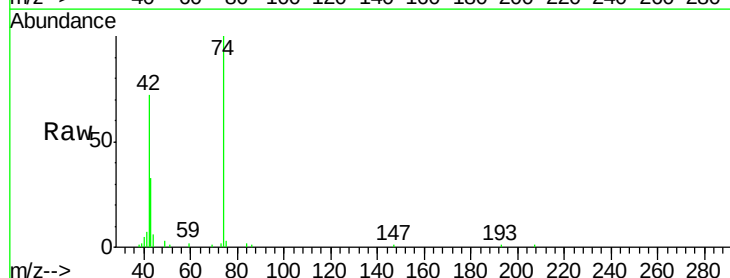
Tgt Ion: 42 Resp: 104114

Ion Ratio Lower Upper

42 100

74 138.1 105.0 157.6

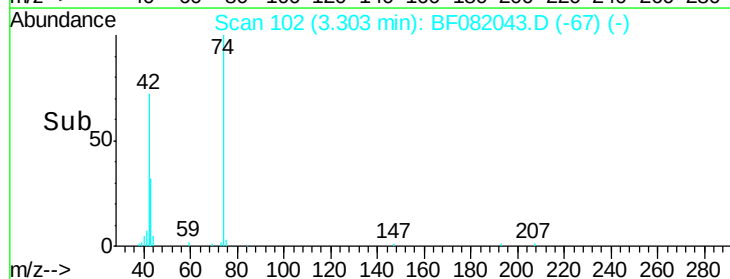
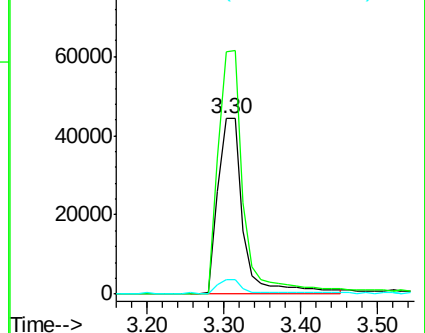
44 8.0 6.6 10.0

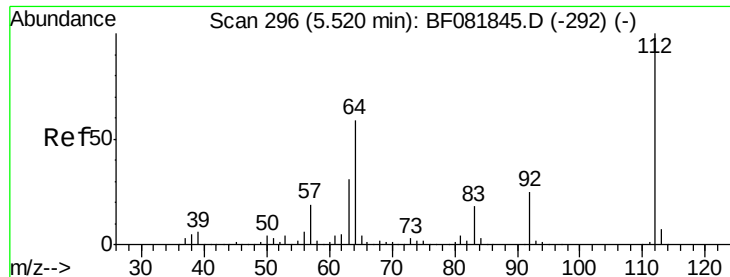


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 81.87 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB85905BS

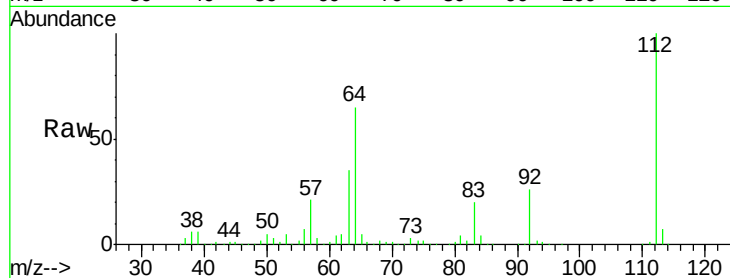
Tgt Ion: 112 Resp: 464079

Ion Ratio Lower Upper

112 100

64 65.5 39.7 59.5#

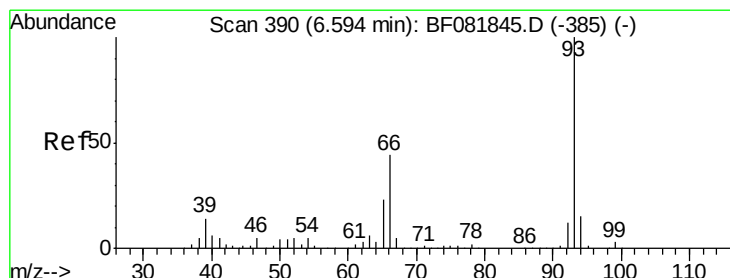
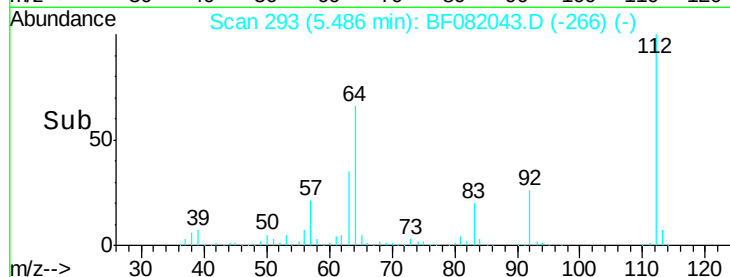
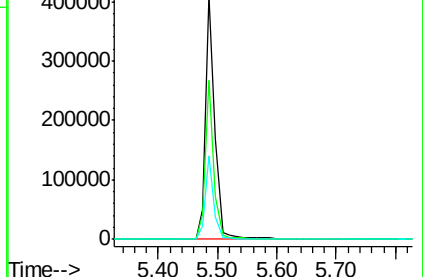
63 34.5 17.4 26.0#



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: 28.60 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

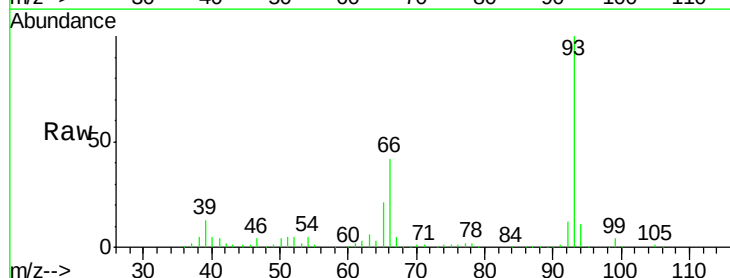
Tgt Ion: 93 Resp: 274041

Ion Ratio Lower Upper

93 100

66 41.5 27.2 40.8#

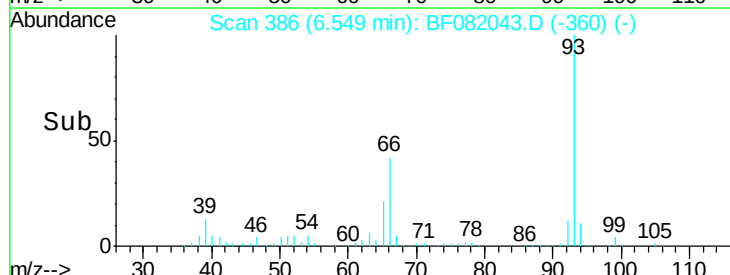
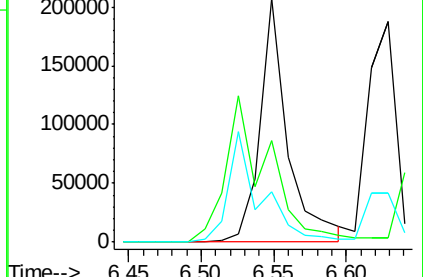
65 20.8 14.7 22.1

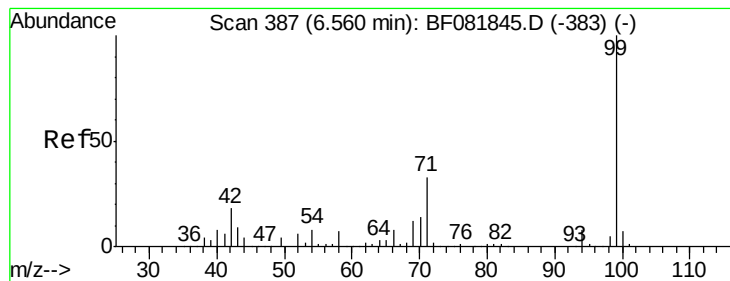


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.50 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB85905BS

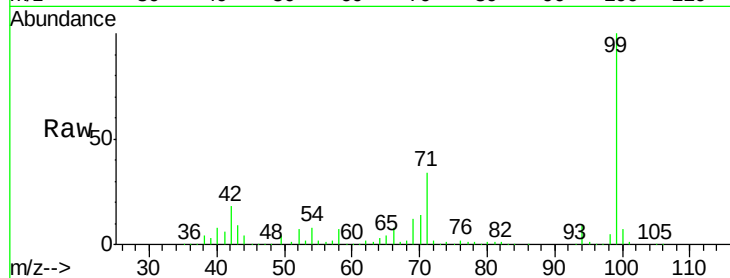
Tgt Ion: 99 Resp: 609905

Ion Ratio Lower Upper

99 100

42 18.2 13.7 20.5

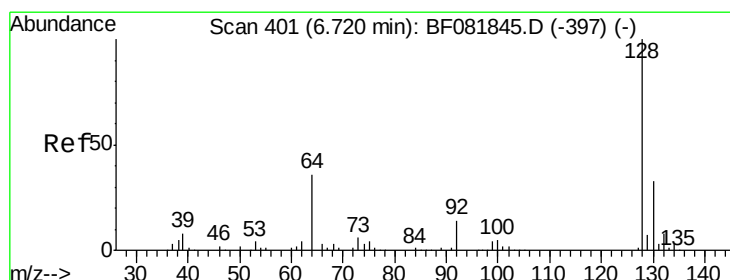
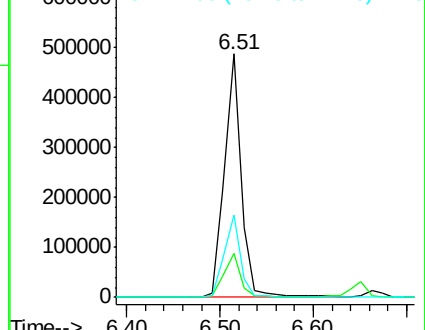
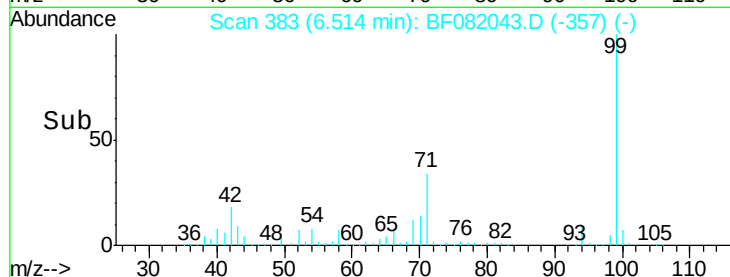
71 33.7 14.2 21.2#



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: 44.95 ng

RT: 6.66 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

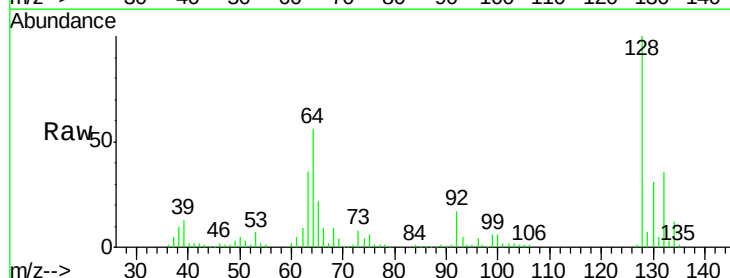
Tgt Ion: 128 Resp: 281397

Ion Ratio Lower Upper

128 100

130 30.8 12.2 52.2

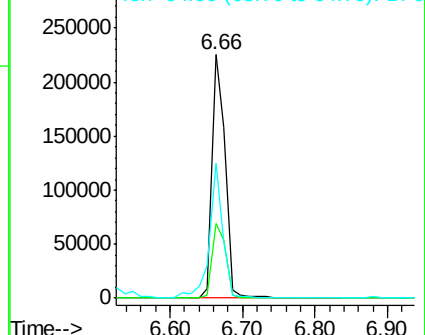
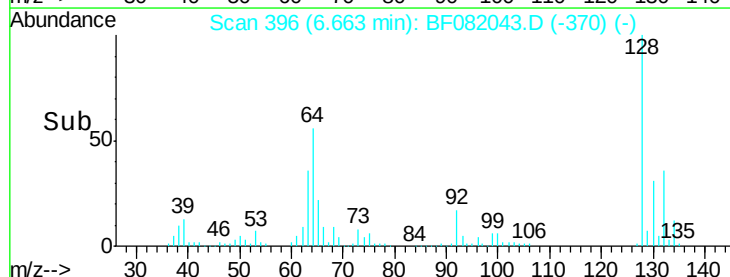
64 55.6 20.5 60.5

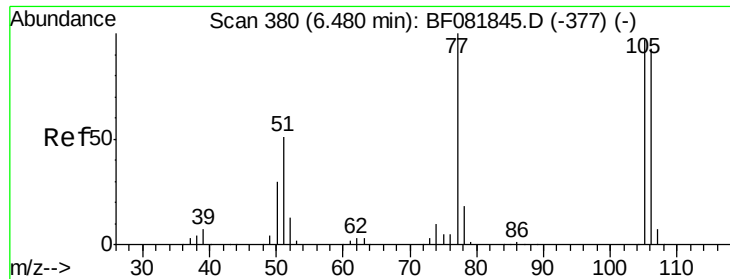


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.71 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB85905BS

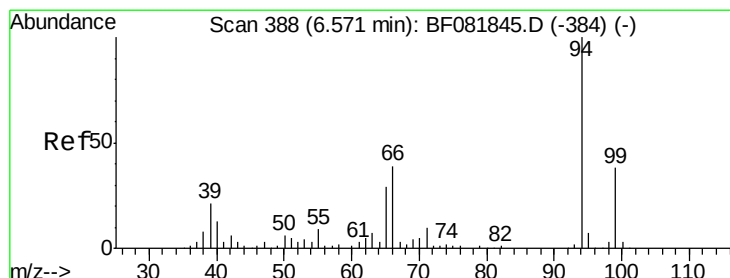
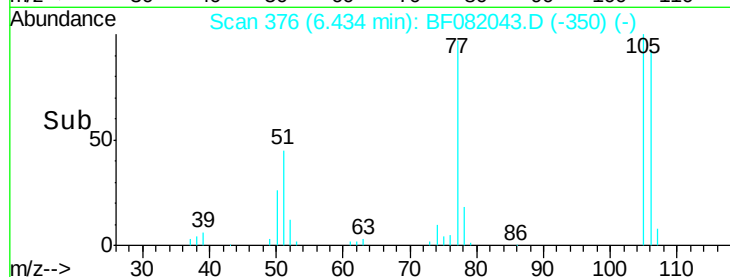
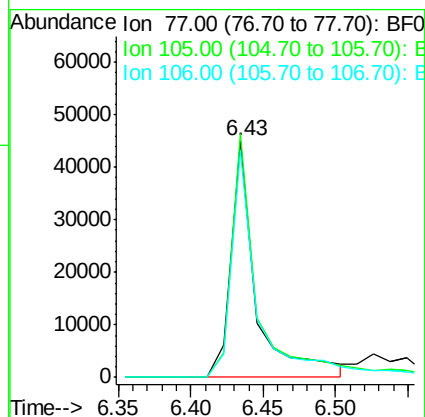
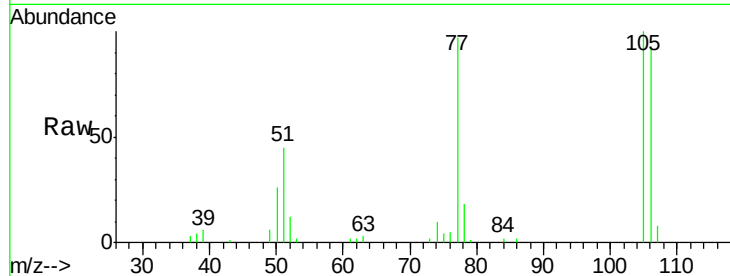
Tgt Ion: 77 Resp: 54722

Ion Ratio Lower Upper

77 100

105 103.1 91.6 131.6

106 96.2 102.6 142.6#



#10

Phenol

Concen: 40.36 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

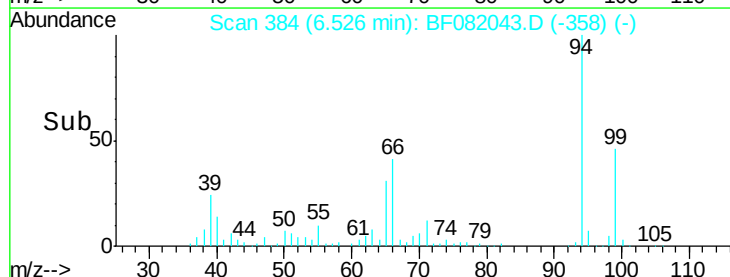
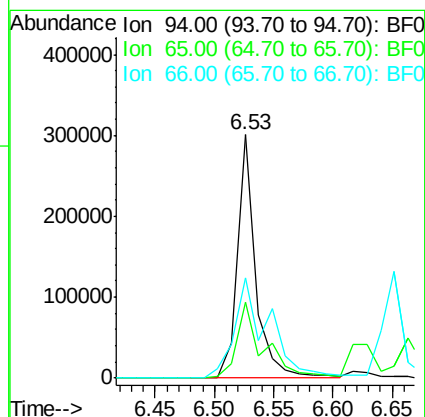
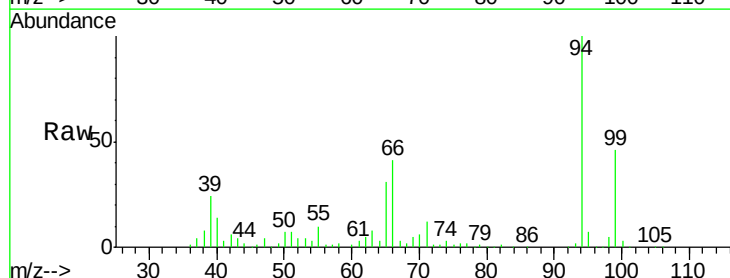
Tgt Ion: 94 Resp: 322941

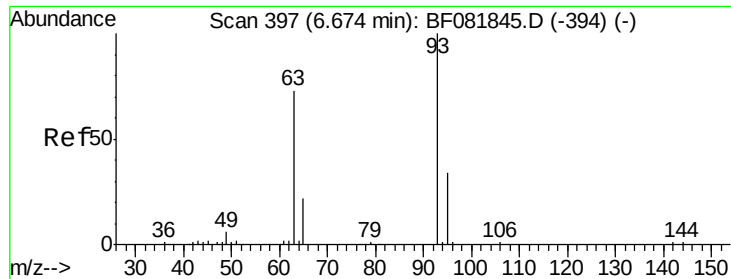
Ion Ratio Lower Upper

94 100

65 31.2 0.7 40.7

66 41.3 0.8 40.8#

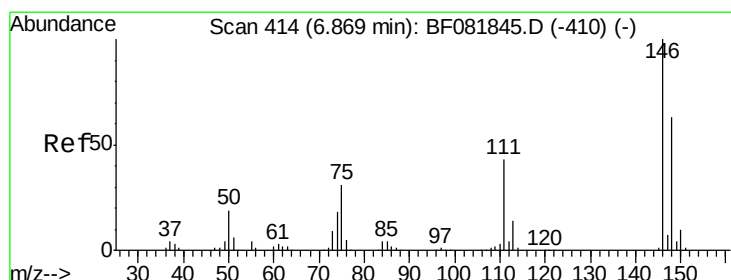
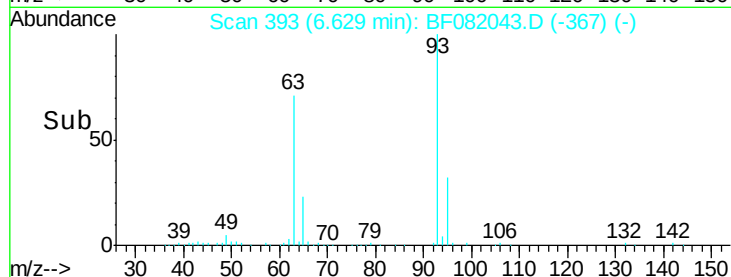
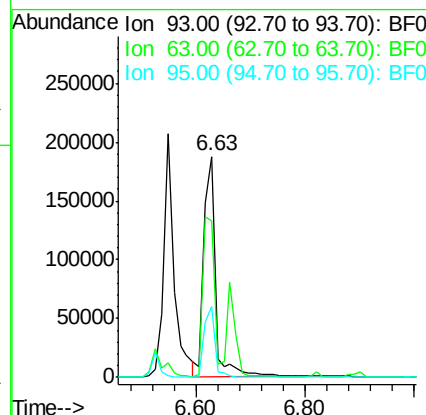
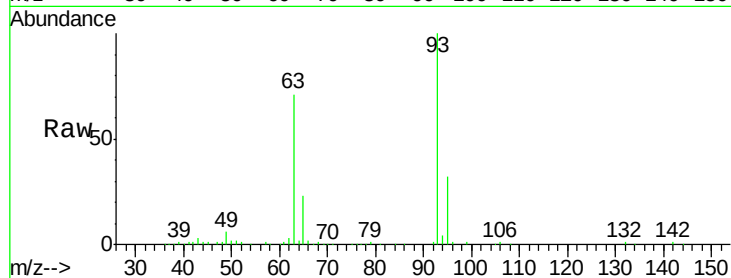




#11
bis(2-Chloroethyl)ether
Concen: 45.17 ng
RT: 6.63 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

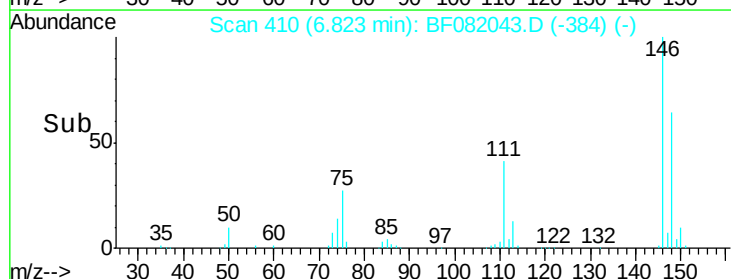
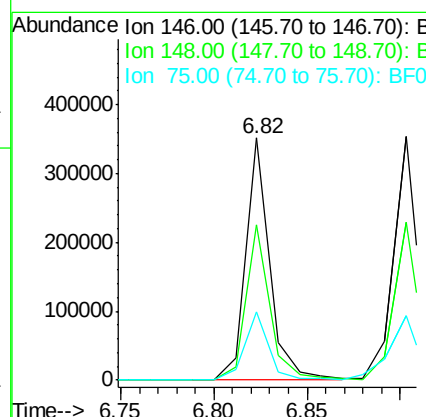
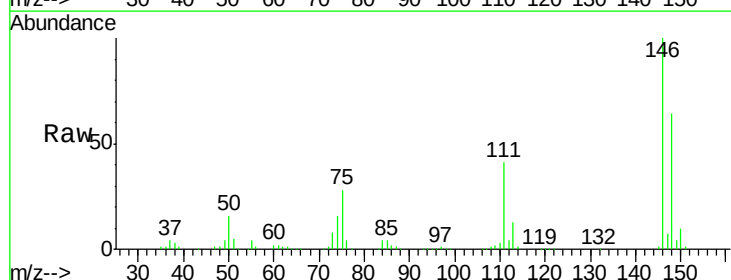
Instrument :
BNA_F
ClientSampleId :
PB85905BS

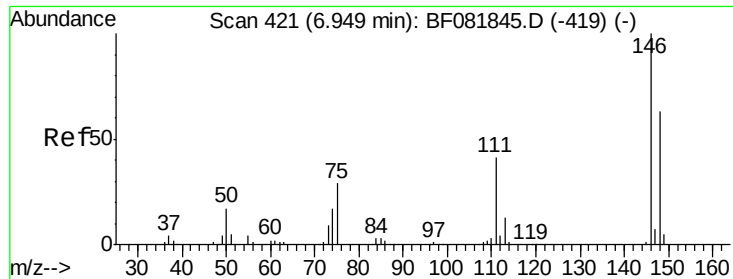
Tgt Ion: 93 Resp: 280267
Ion Ratio Lower Upper
93 100
63 70.7 65.6 105.6
95 32.3 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 42.81 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

Tgt Ion: 146 Resp: 316542
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
75 28.0 15.0 22.6#

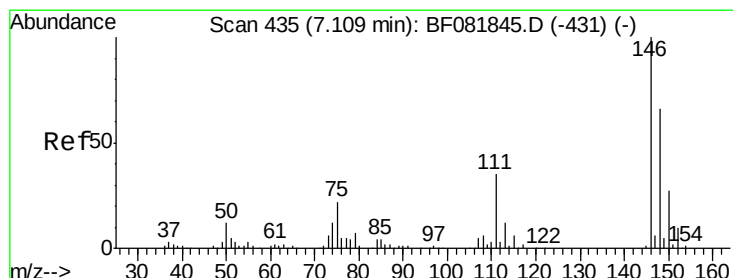
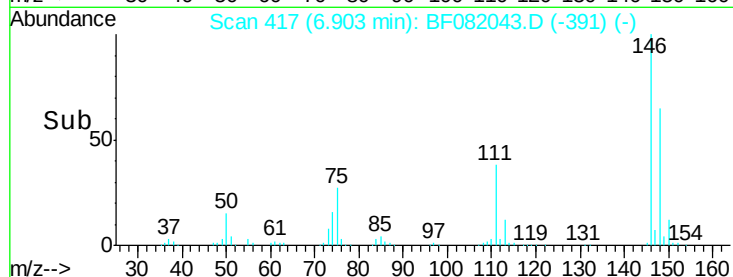
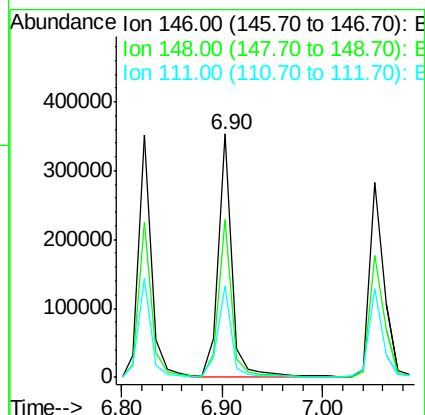
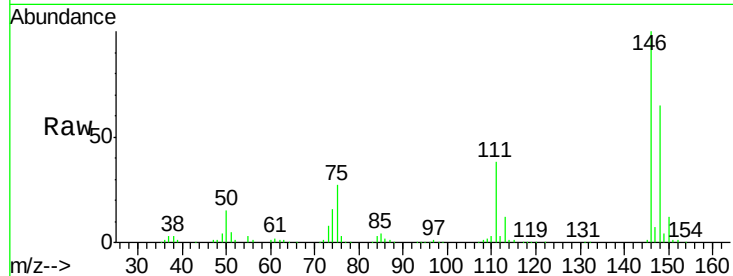




#13
 1,4-Dichlorobenzene
 Concen: 43.32 ng
 RT: 6.90 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

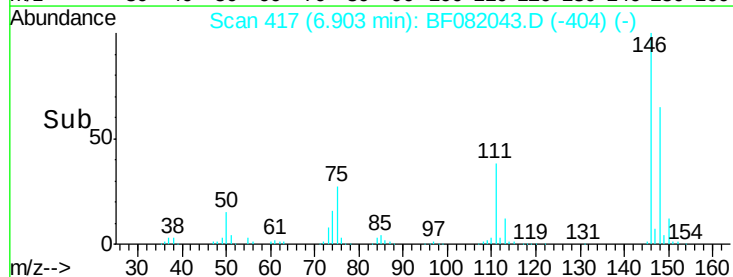
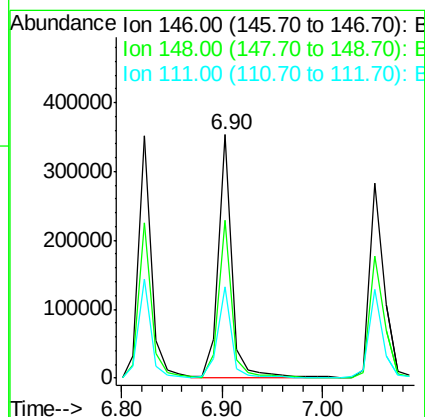
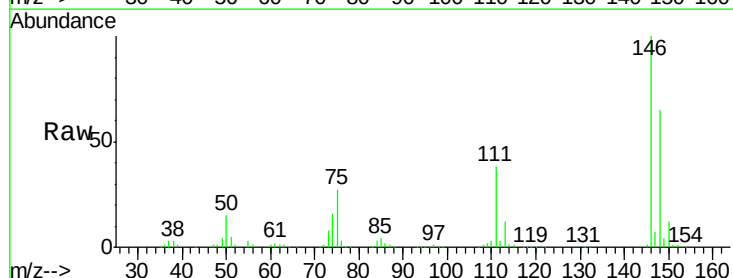
Instrument :
 BNA_F
 ClientSampleId :
 PB85905BS

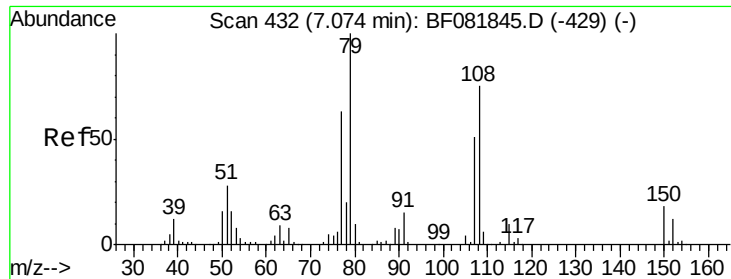
Tgt Ion:146 Resp: 334461
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.8 77.6
 111 37.8 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 49.14 ng
 RT: 6.90 min Scan# 417
 Delta R.T. -0.15 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

Tgt Ion:146 Resp: 338066
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.7 79.1
 111 37.8 28.8 43.2

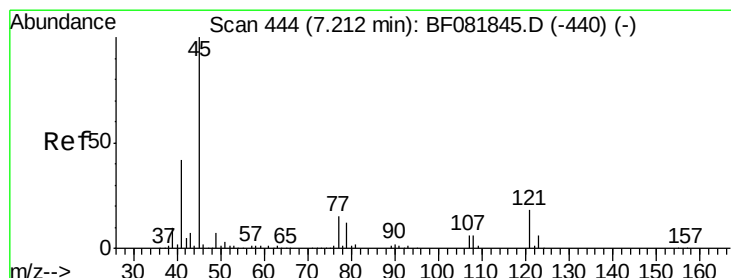
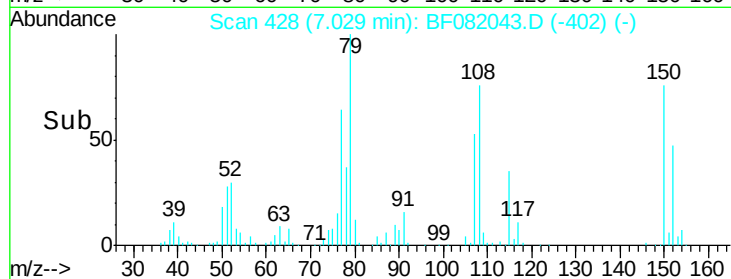
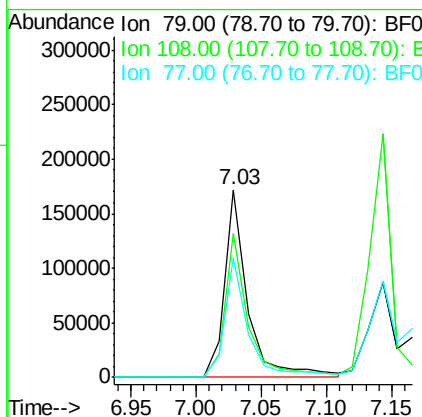
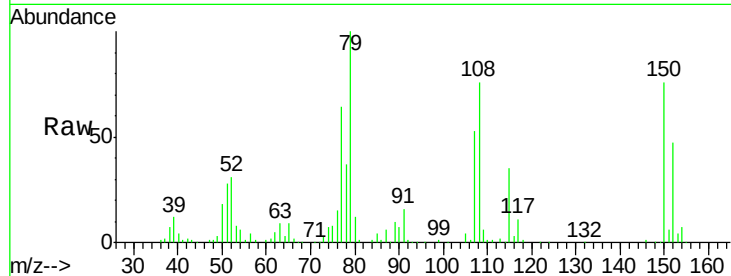




#15
Benzyl Alcohol
Concen: 41.74 ng
RT: 7.03 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

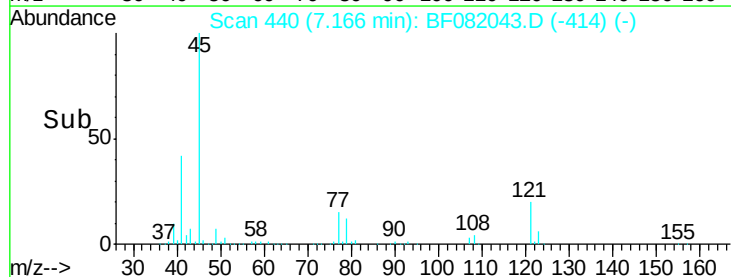
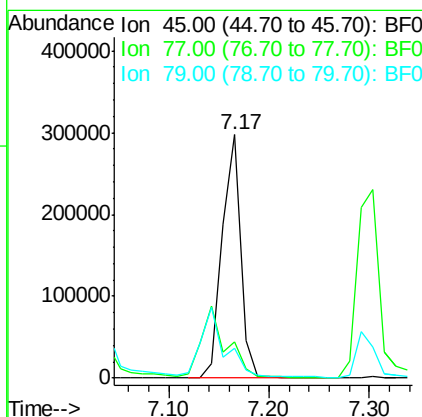
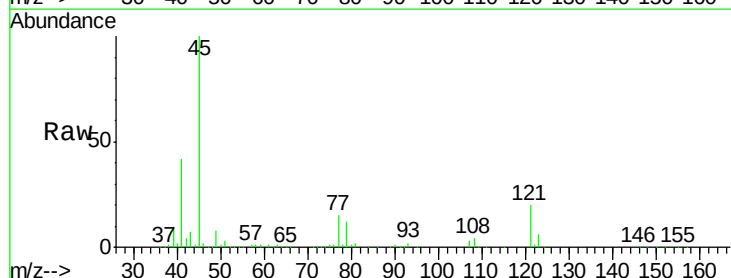
Instrument :
BNA_F
ClientSampleId :
PB85905BS

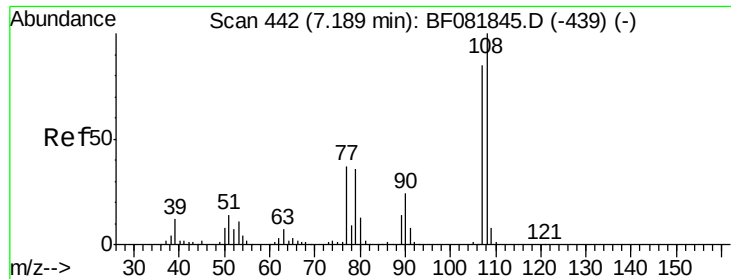
Tgt Ion: 79 Resp: 214949
Ion Ratio Lower Upper
79 100
108 76.4 88.6 132.8#
77 63.9 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.35 ng
RT: 7.17 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

Tgt Ion: 45 Resp: 380241
Ion Ratio Lower Upper
45 100
77 14.9 0.0 28.1
79 12.5 0.0 26.0

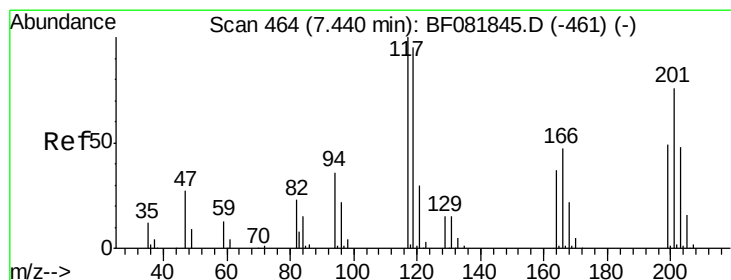
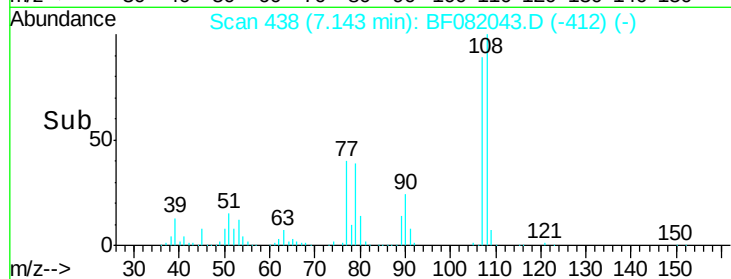
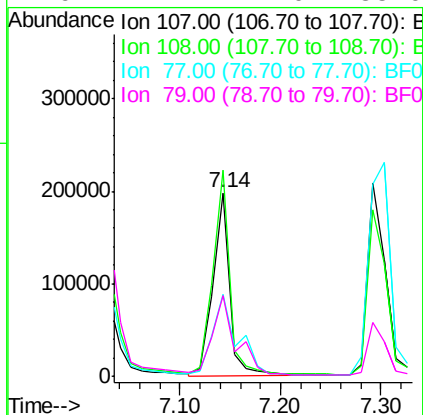
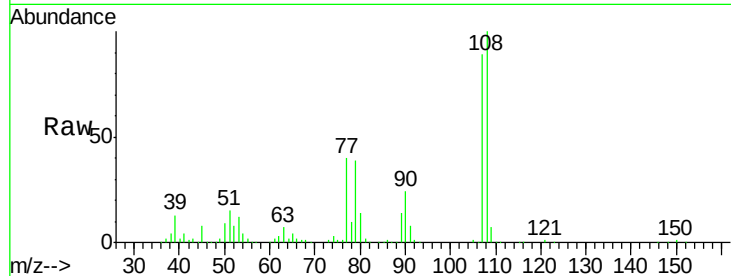




#17
2-Methylphenol
Concen: 45.17 ng
RT: 7.14 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

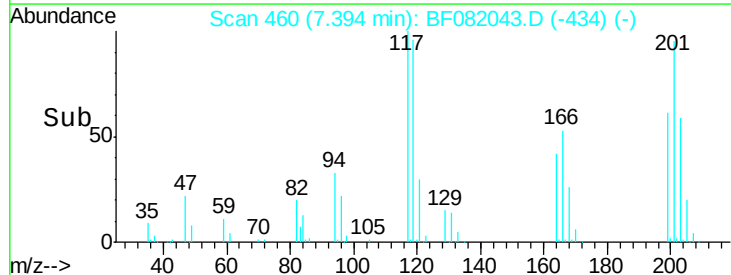
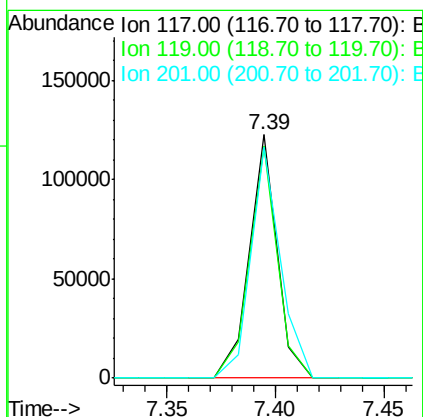
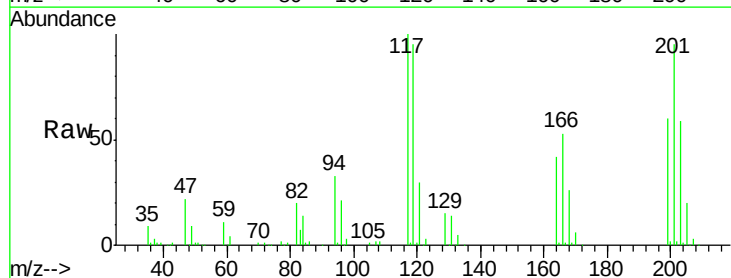
Instrument :
BNA_F
ClientSampleId :
PB85905BS

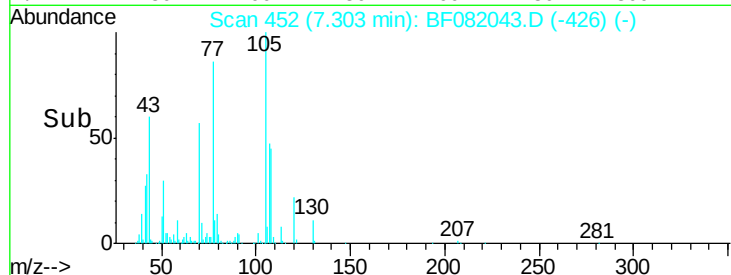
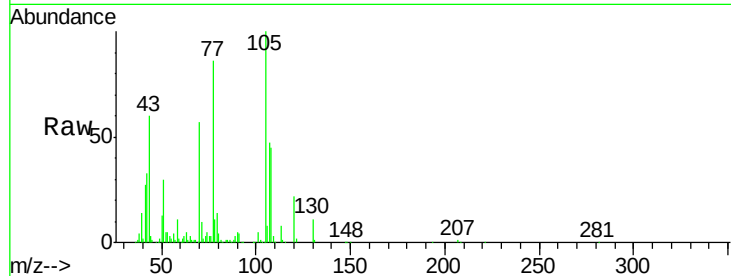
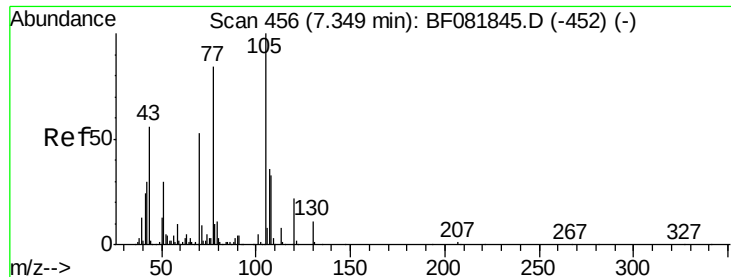
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.8	96.6	145.0
77	44.6	23.3	34.9#
79	44.1	22.0	33.0#



#18
Hexachloroethane
Concen: 44.75 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	83.8	125.6
201	94.9	55.1	82.7#

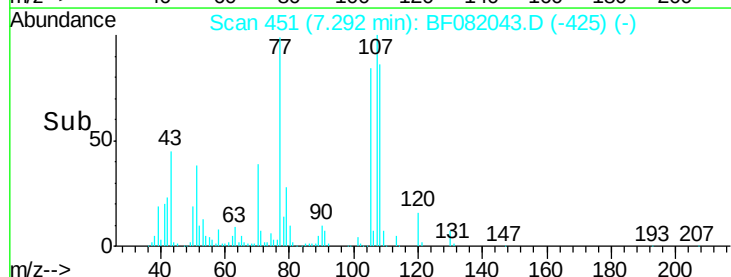
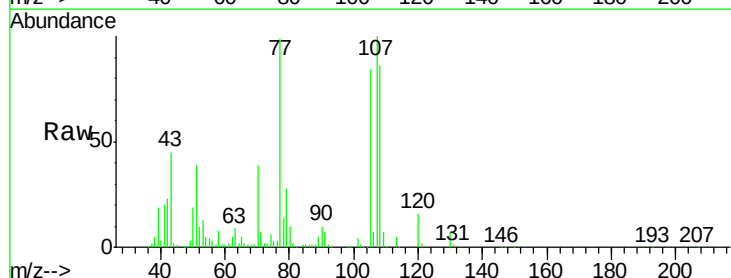
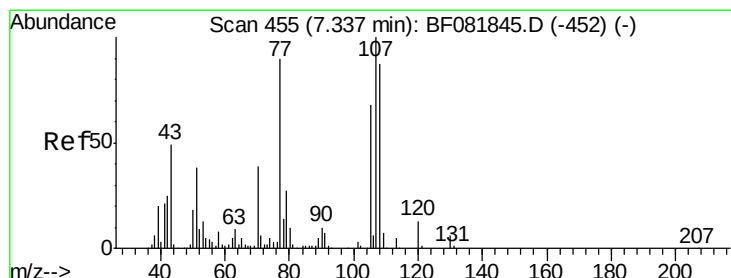
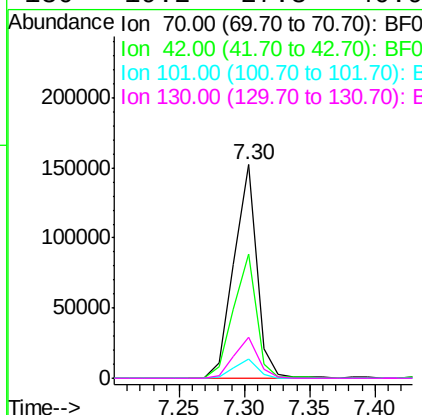




#19
n-Nitroso-di-n-propylamine
Concen: 42.81 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

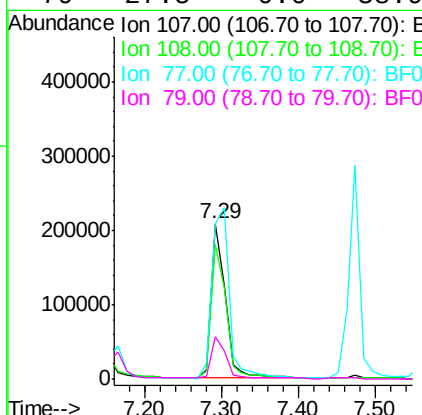
Instrument :
BNA_F
ClientSampleId :
PB85905BS

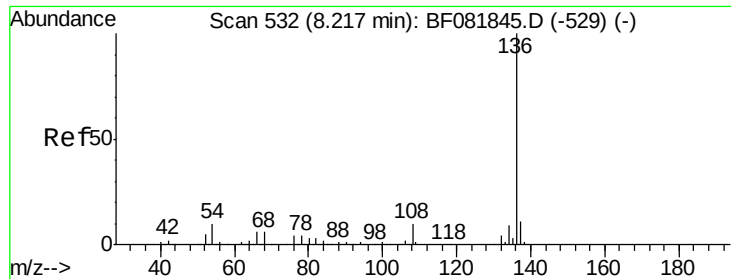
Tgt Ion:	70	Resp:	185606
Ion	Ratio	Lower	Upper
70	100		
42	58.3	63.8	95.6#
101	9.2	9.2	13.8
130	19.2	27.3	40.9#



#20
3+4-Methylphenols
Concen: 41.67 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

Tgt Ion:	107	Resp:	267111
Ion	Ratio	Lower	Upper
107	100		
108	86.3	74.6	114.6
77	99.4	0.7	40.7#
79	27.5	0.0	38.9

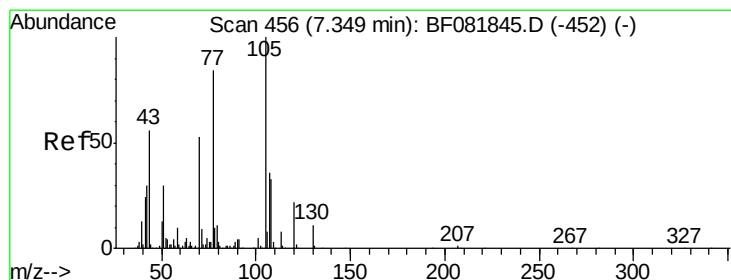
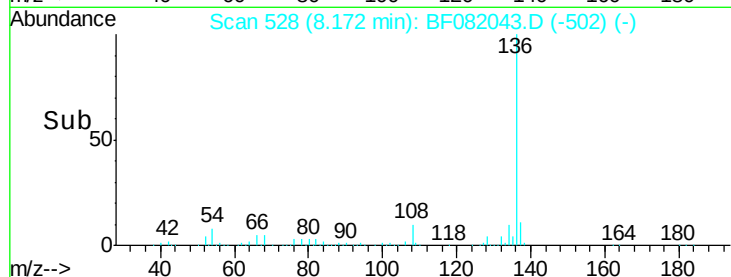
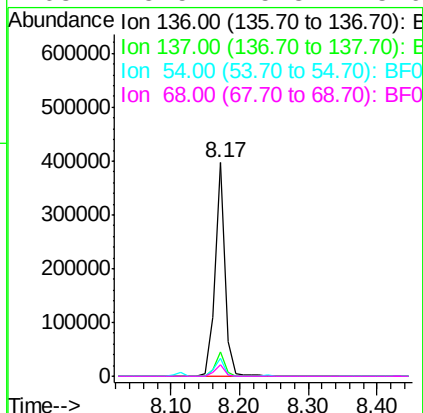
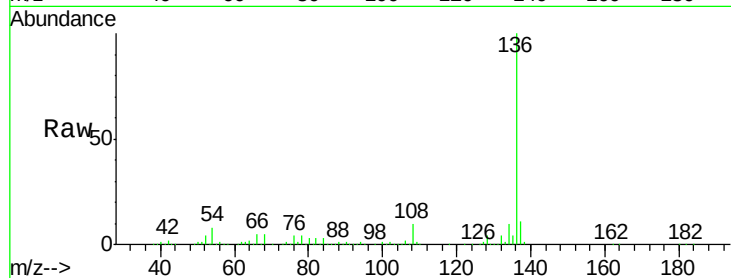




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

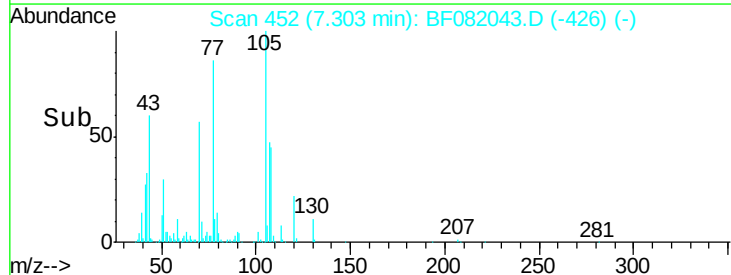
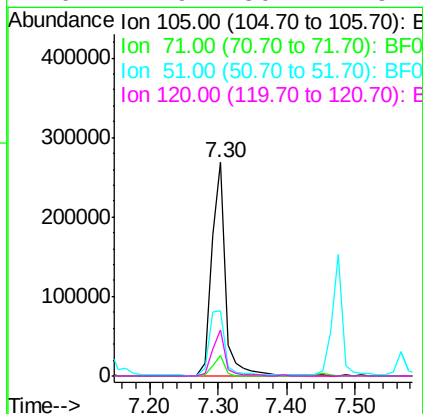
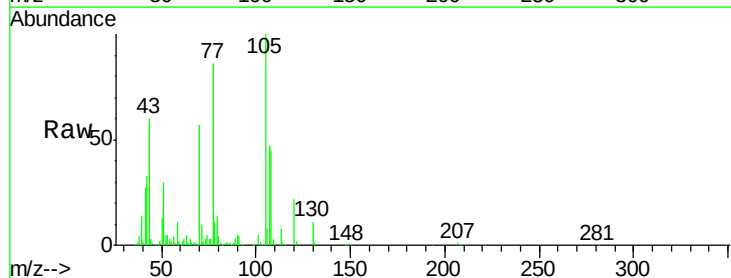
Instrument :
BNA_F
ClientSampleId :
PB85905BS

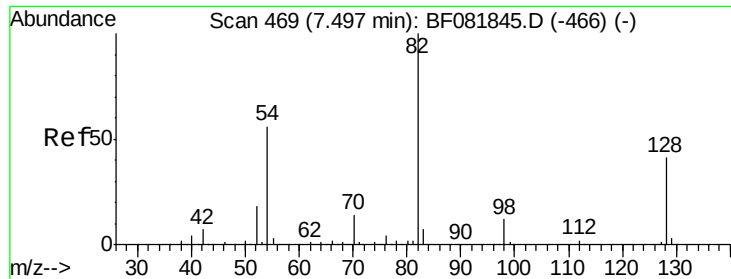
Tgt Ion:	136	Resp:	407799
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.4	8.2	12.2
68	5.5	5.8	8.6#



#22
Acetophenone
Concen: 45.33 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

Tgt Ion:	105	Resp:	377926
Ion	Ratio	Lower	Upper
105	100		
71	9.5	4.7	7.1#
51	30.3	22.0	33.0
120	21.9	30.1	45.1#

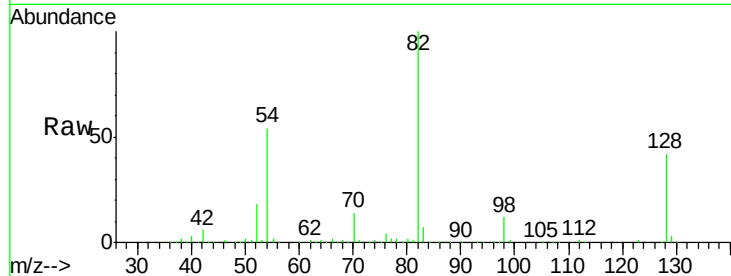




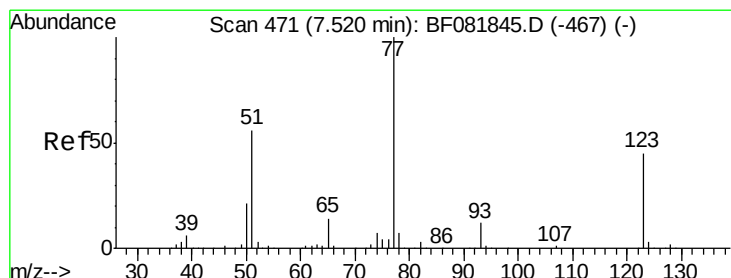
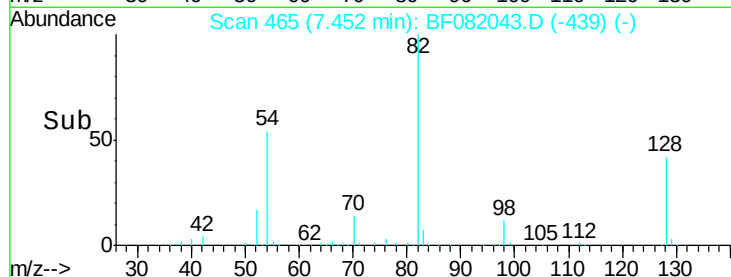
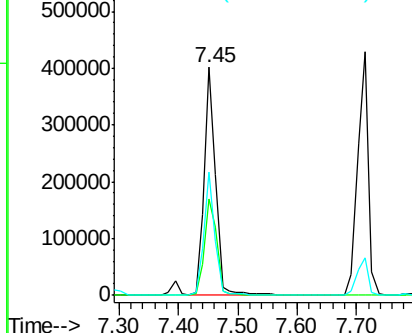
#23
 Nitrobenzene-d5
 Concen: 91.62 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BS

Tgt Ion: 82 Resp: 560469
 Ion Ratio Lower Upper
 82 100
 128 42.4 51.0 76.6#
 54 54.2 47.5 71.3

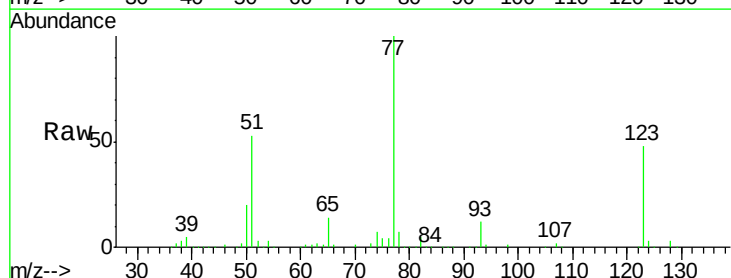


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

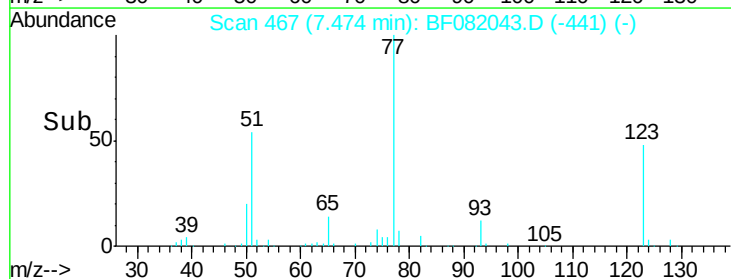
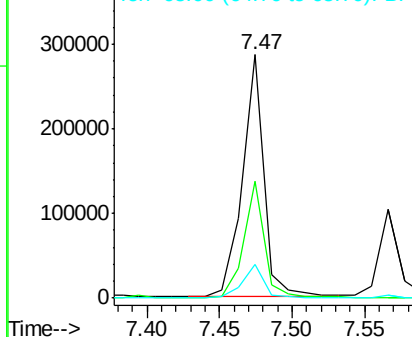


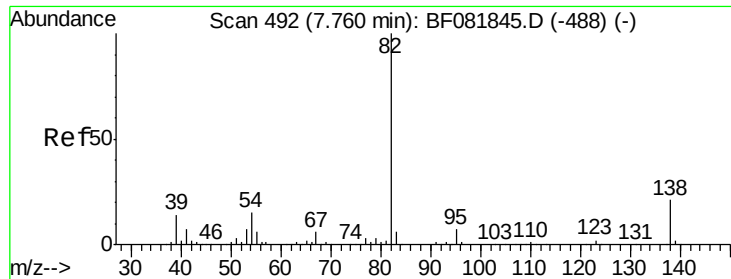
#24
 Nitrobenzene
 Concen: 44.31 ng
 RT: 7.47 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

Tgt Ion: 77 Resp: 294308
 Ion Ratio Lower Upper
 77 100
 123 47.9 59.8 89.8#
 65 13.6 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.80 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB85905BS

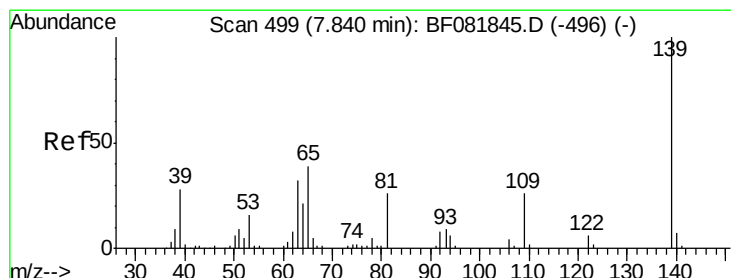
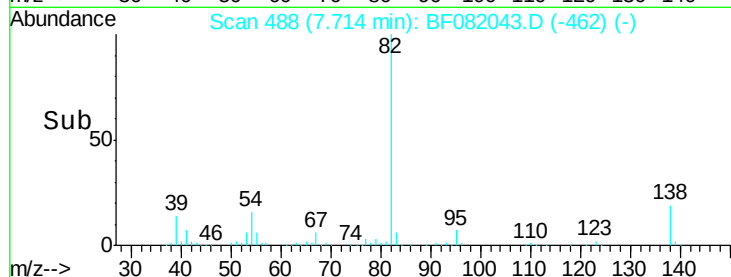
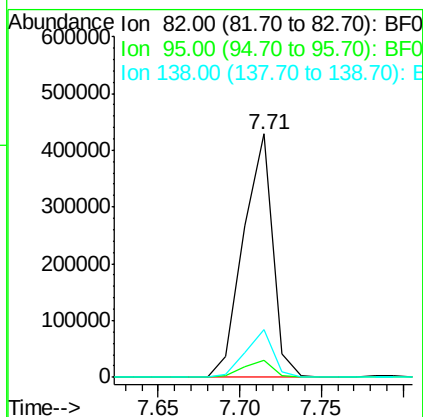
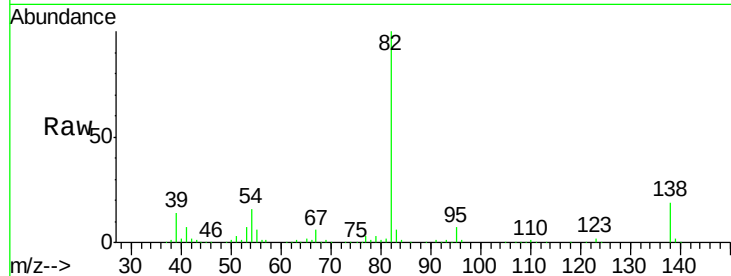
Tgt Ion: 82 Resp: 531059

Ion Ratio Lower Upper

82 100

95 7.2 4.0 6.0#

138 19.4 18.3 27.5



#26

2-Nitrophenol

Concen: 47.90 ng

RT: 7.79 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

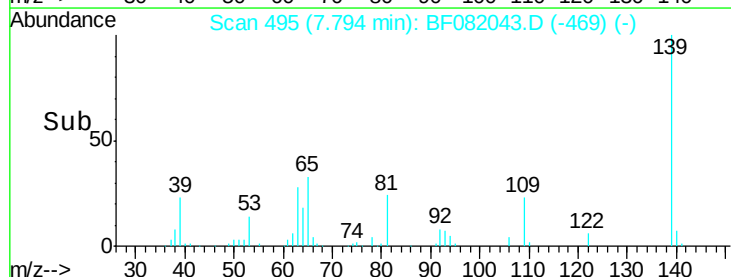
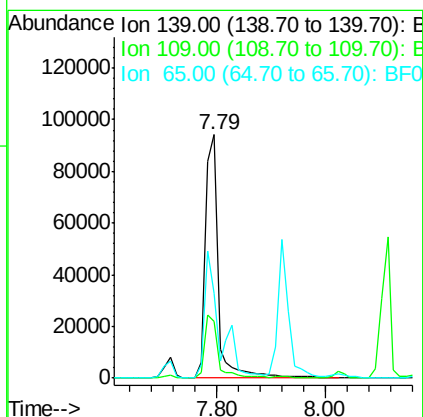
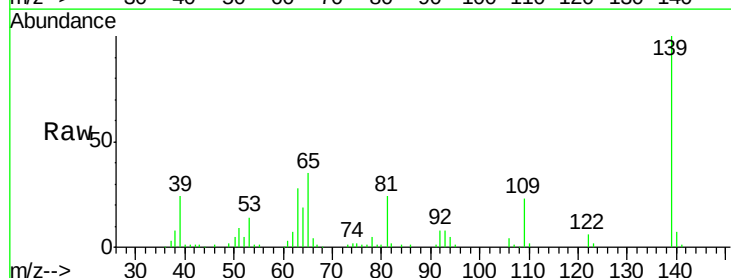
Tgt Ion: 139 Resp: 152731

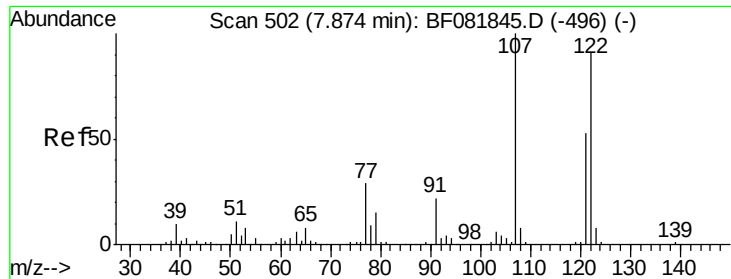
Ion Ratio Lower Upper

139 100

109 23.3 11.0 16.4#

65 34.8 24.7 37.1





#27

2,4-Dimethylphenol

Concen: 46.55 ng

RT: 7.83 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB85905BS

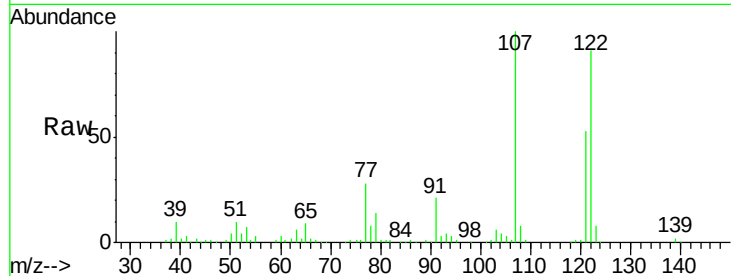
Tgt Ion:122 Resp: 261098

Ion Ratio Lower Upper

122 100

107 109.9 71.8 107.6#

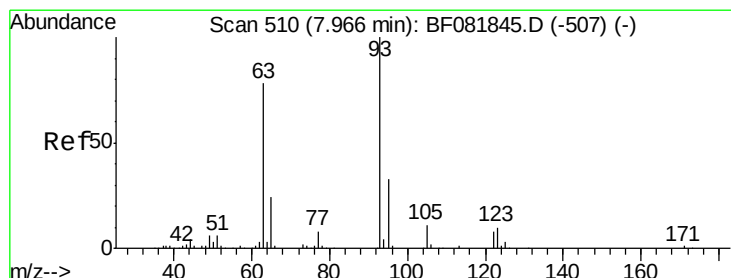
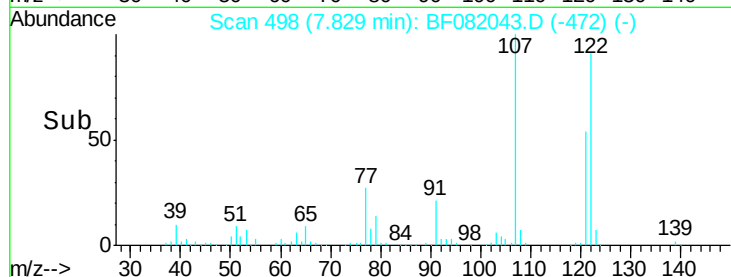
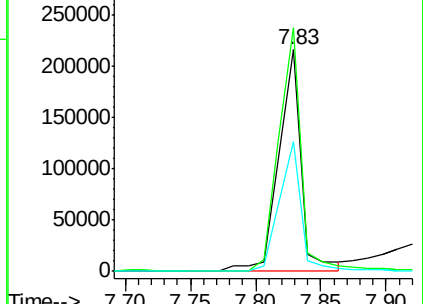
121 58.7 42.3 63.5



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: 43.32 ng

RT: 7.92 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

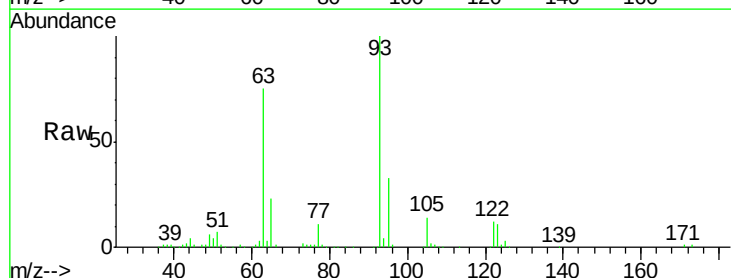
Tgt Ion: 93 Resp: 311938

Ion Ratio Lower Upper

93 100

95 32.6 27.5 41.3

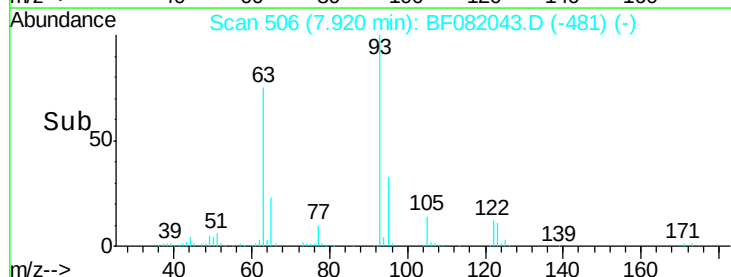
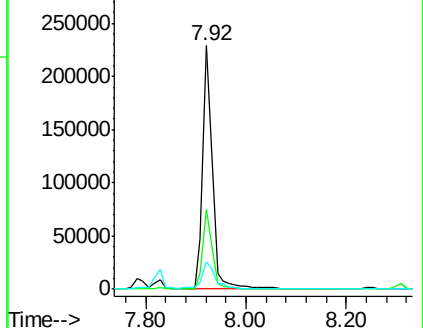
123 11.2 13.7 20.5#

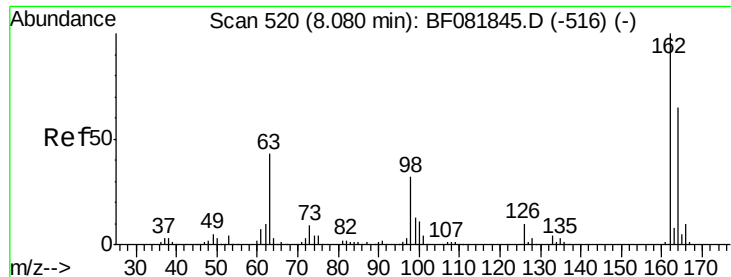


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

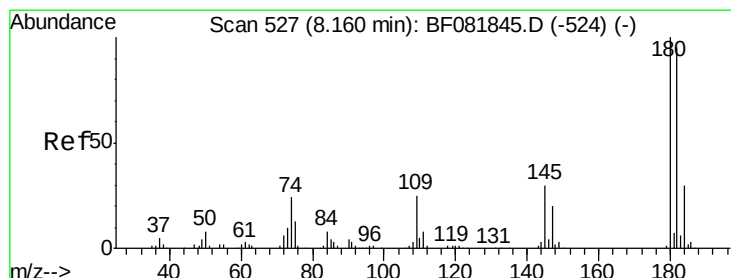
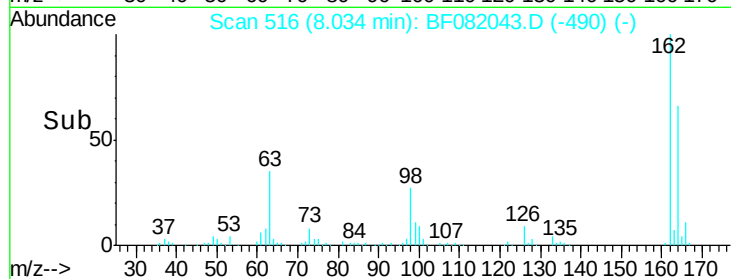
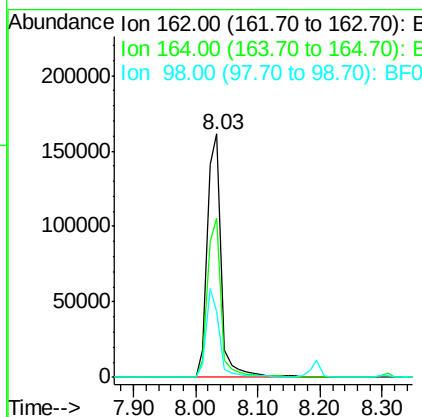
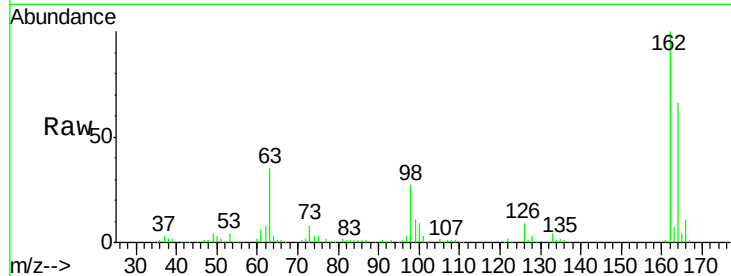




#29
 2,4-Dichlorophenol
 Concen: 46.28 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

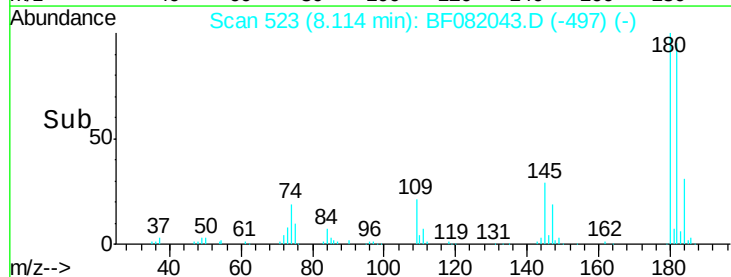
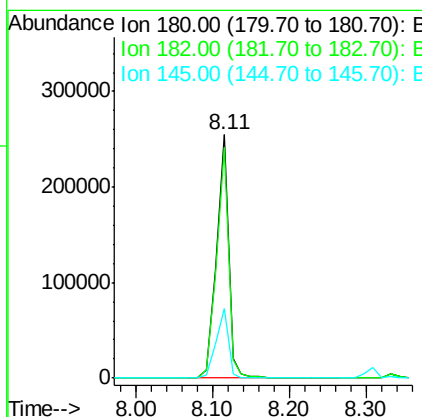
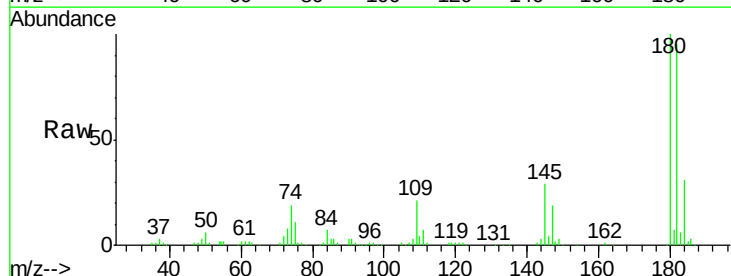
Instrument :
 BNA_F
 ClientSampleId :
 PB85905BS

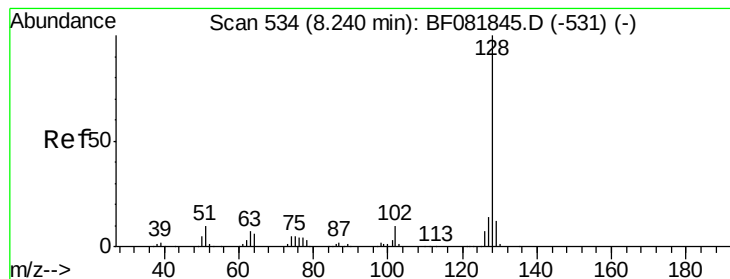
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.9	84.9
98	27.1	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 46.01 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.1	115.7
145	28.7	23.3	34.9





#31

Naphthalene

Concen: 45.91 ng

RT: 8.19 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB85905BS

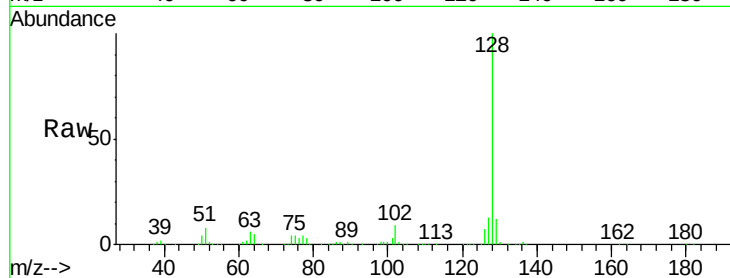
Tgt Ion:128 Resp: 829655

Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

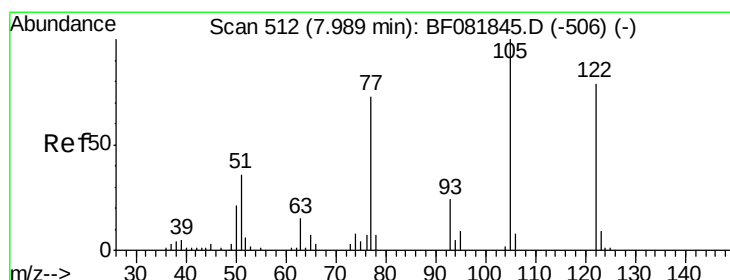
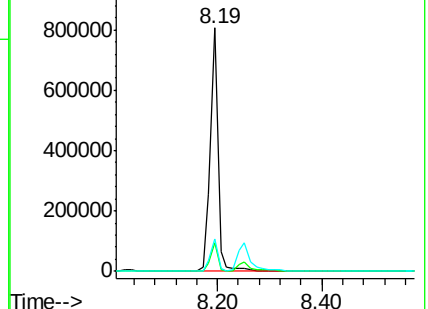
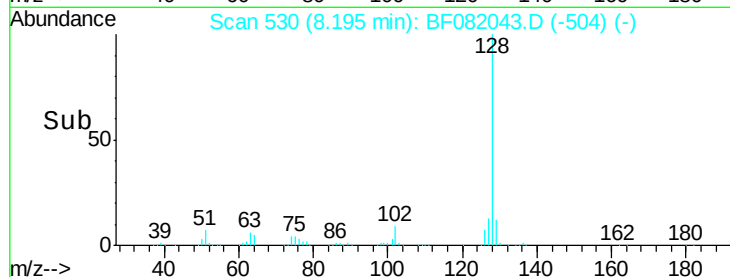
127 13.4 9.9 14.9



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: 48.16 ng

RT: 7.95 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

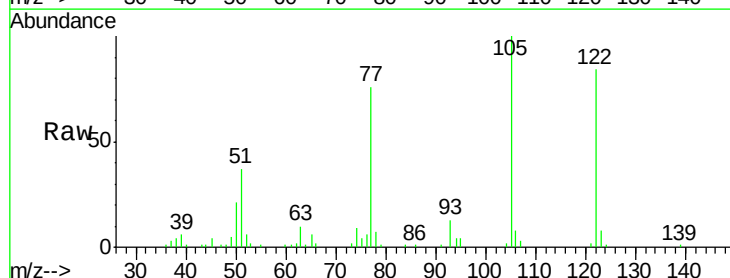
Tgt Ion:122 Resp: 161700

Ion Ratio Lower Upper

122 100

105 118.8 76.1 116.1#

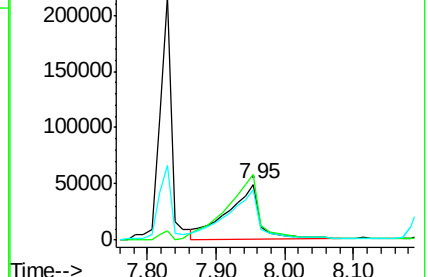
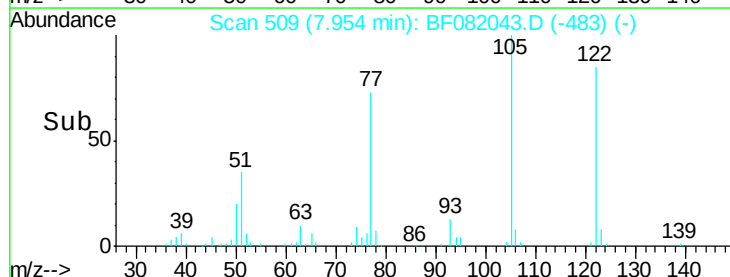
77 90.3 40.5 80.5#

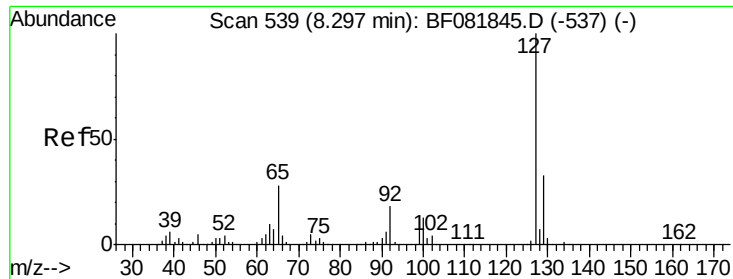


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

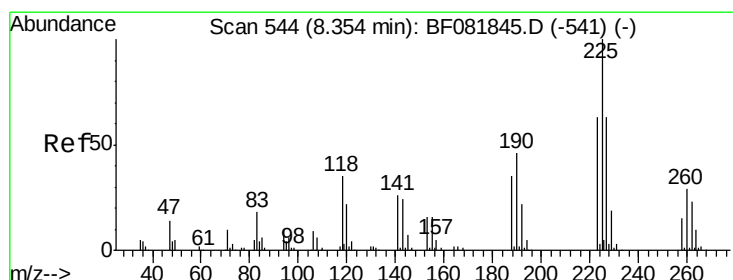
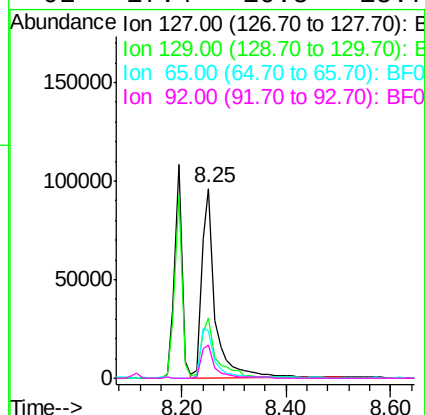
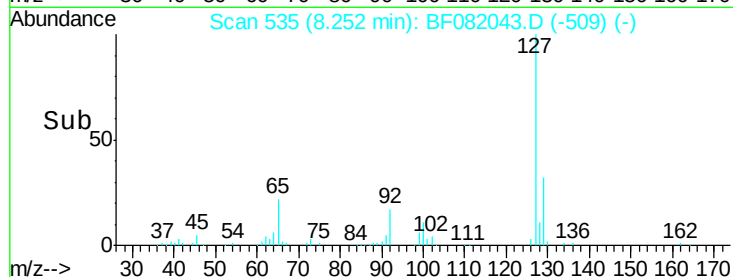
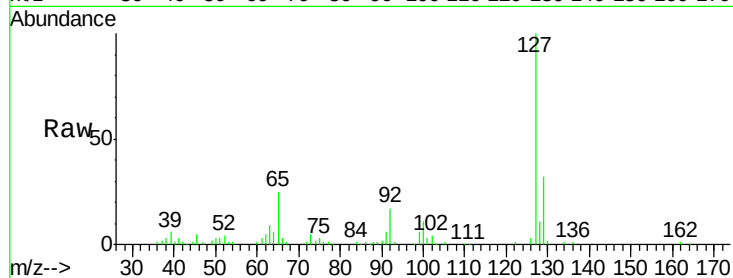




#33
4-Chloroaniline
Concen: 22.23 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

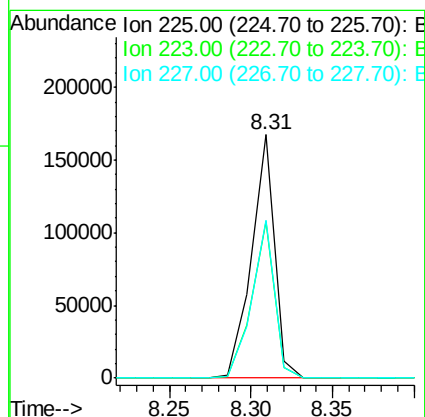
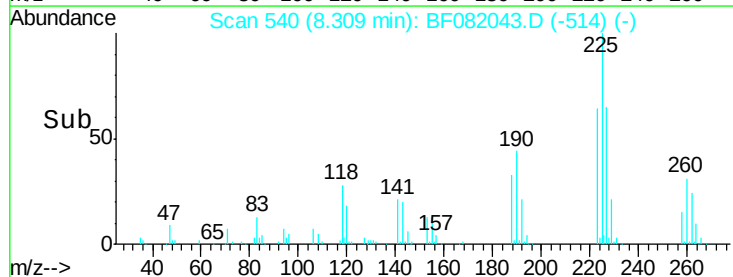
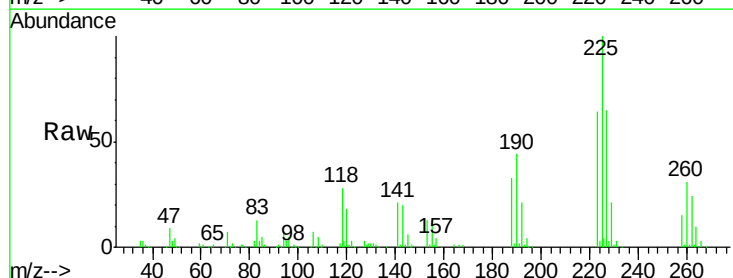
Instrument :
BNA_F
ClientSampleId :
PB85905BS

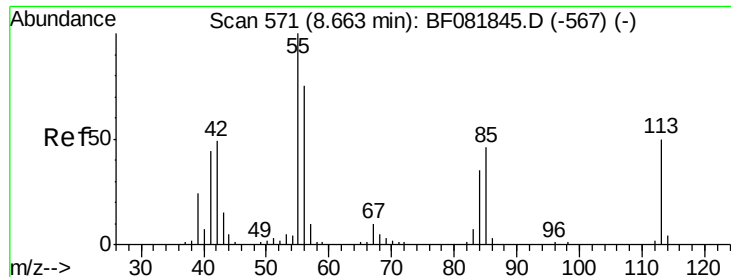
Tgt Ion:	127	Resp:	173656
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.6
65	25.3	17.9	26.9
92	17.4	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 45.77 ng
RT: 8.31 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

Tgt Ion:	225	Resp:	164367
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.2	75.2
227	64.6	52.2	78.2

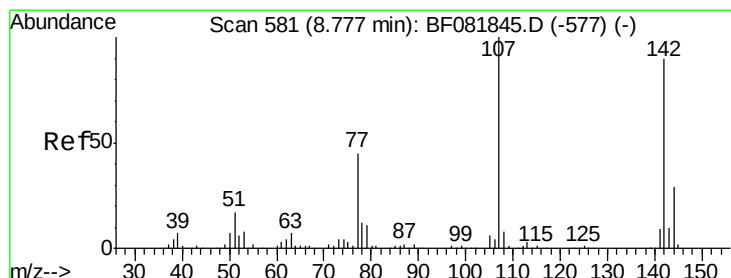
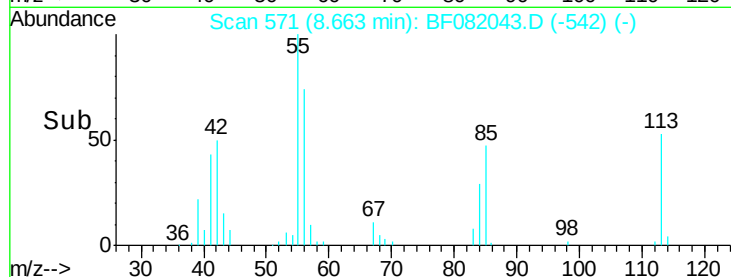
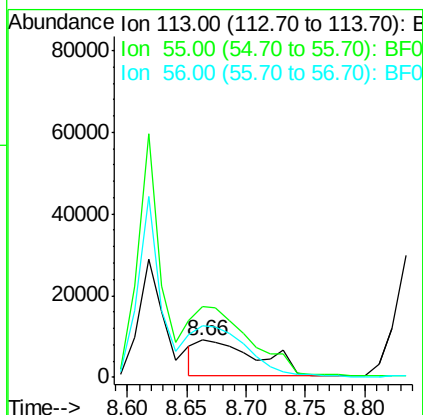
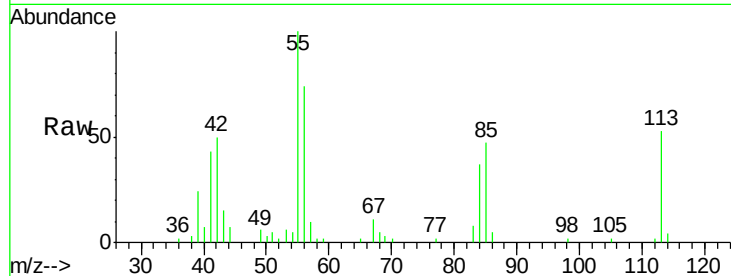




#35
 Caprolactam
 Concen: 20.79 ng
 RT: 8.66 min Scan# 571
 Delta R.T. 0.03 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

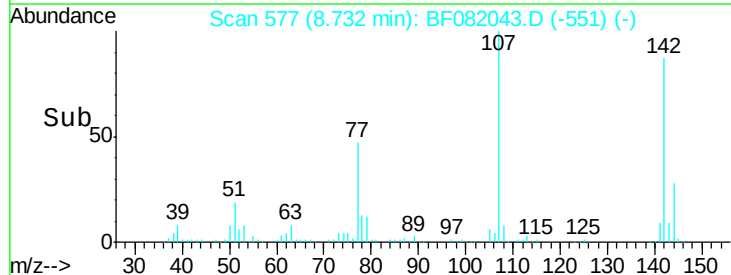
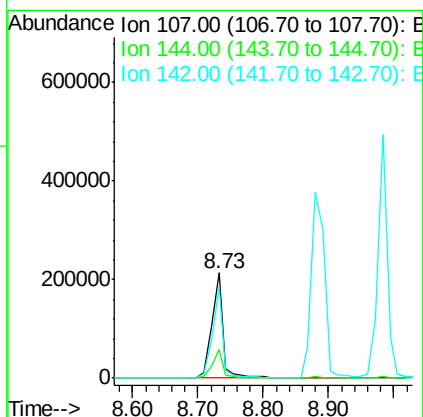
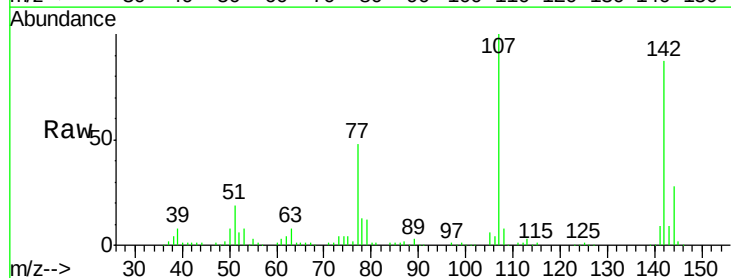
Instrument :
 BNA_F
 ClientSampleId :
 PB85905BS

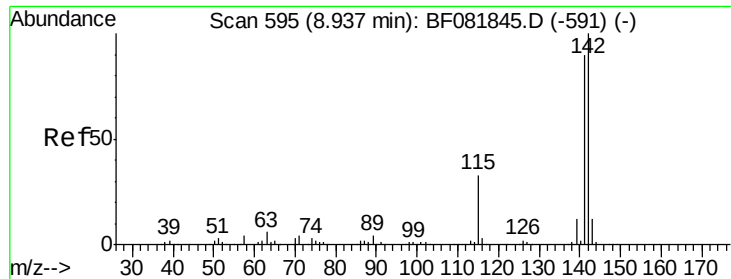
Tgt Ion:113 Resp: 31300
 Ion Ratio Lower Upper
 113 100
 55 188.3 152.4 192.4
 56 140.0 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 49.67 ng
 RT: 8.73 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

Tgt Ion:107 Resp: 264184
 Ion Ratio Lower Upper
 107 100
 144 27.6 25.4 38.0
 142 86.7 77.3 115.9

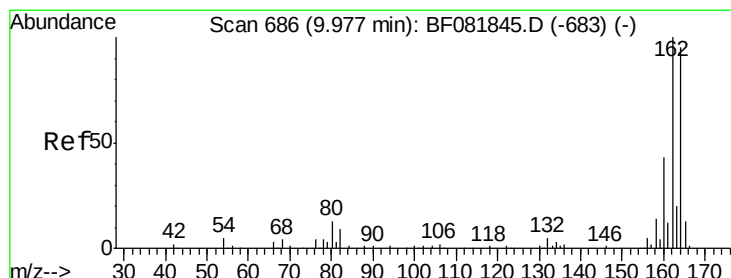
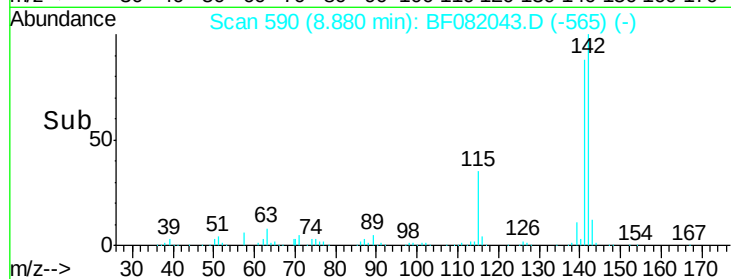
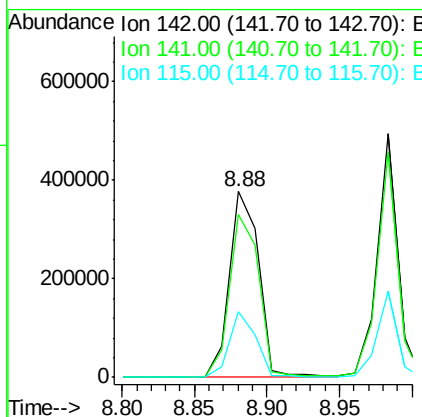
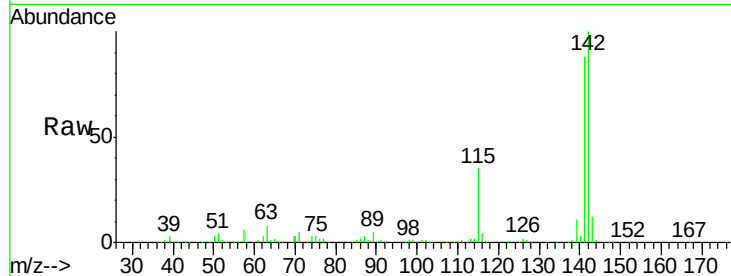




#37
 2-Methylnaphthalene
 Concen: 42.92 ng
 RT: 8.88 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

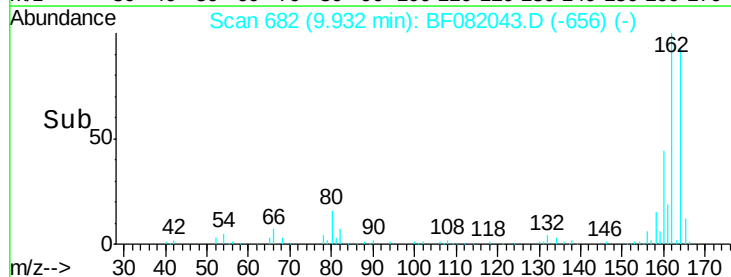
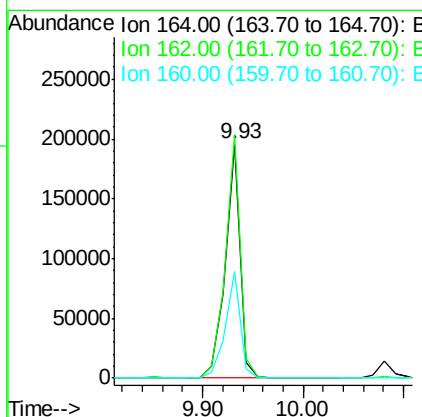
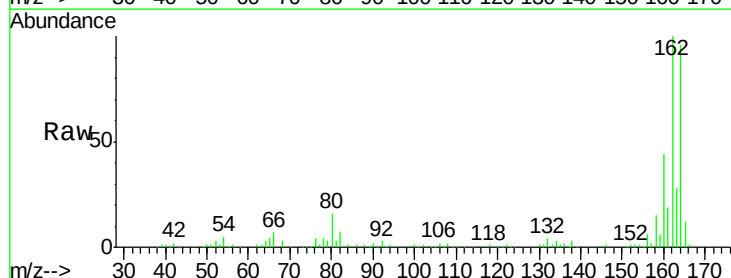
Instrument :
 BNA_F
 ClientSampleId :
 PB85905BS

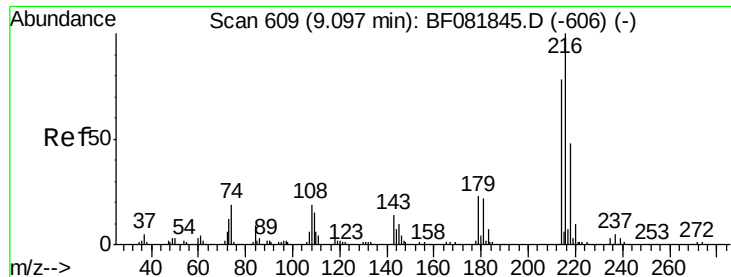
Tgt Ion:142 Resp: 529381
 Ion Ratio Lower Upper
 142 100
 141 88.1 67.5 101.3
 115 35.2 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

Tgt Ion:164 Resp: 200407
 Ion Ratio Lower Upper
 164 100
 162 104.3 75.2 112.8
 160 45.7 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.24 ng

RT: 9.05 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB85905BS

Tgt Ion:216 Resp: 278314

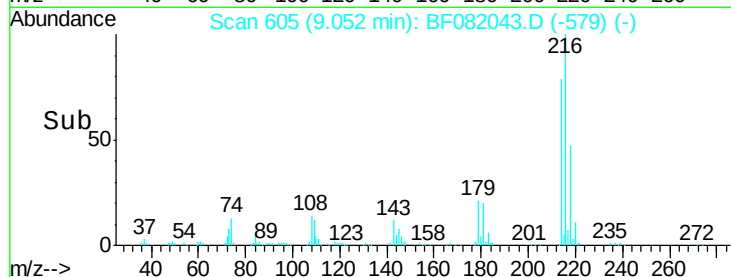
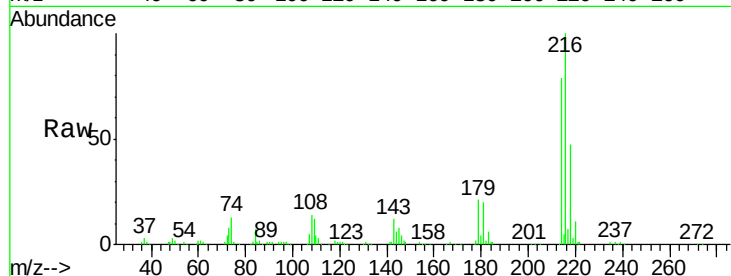
Ion Ratio Lower Upper

216 100

214 78.8 63.5 95.3

179 21.2 16.6 24.8

108 18.5 16.3 24.5

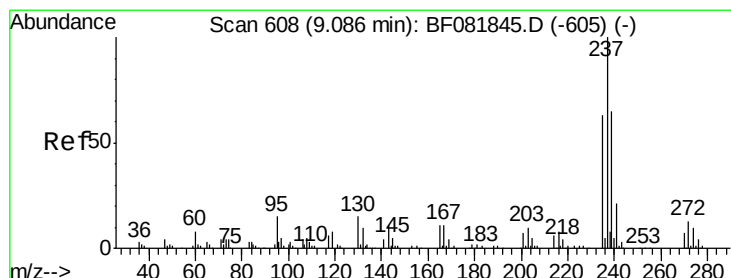
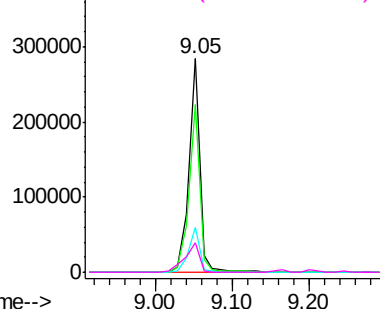


Abundance Ion 216.00 (215.70 to 216.70): E

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: 101.31 ng

RT: 9.04 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

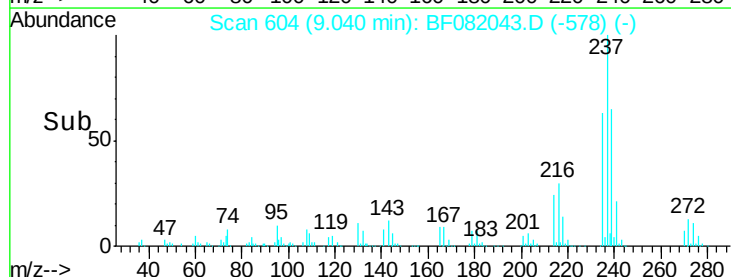
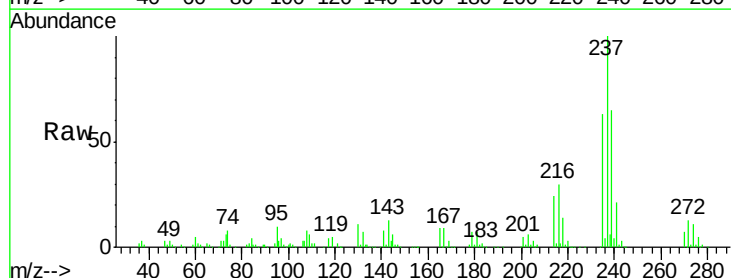
Tgt Ion:237 Resp: 320989

Ion Ratio Lower Upper

237 100

235 63.2 42.0 82.0

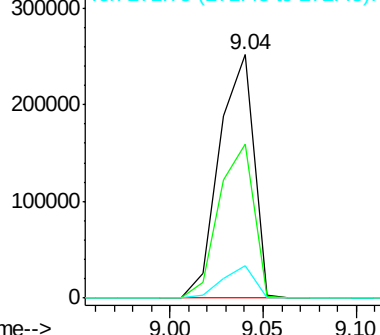
272 13.4 0.0 36.1

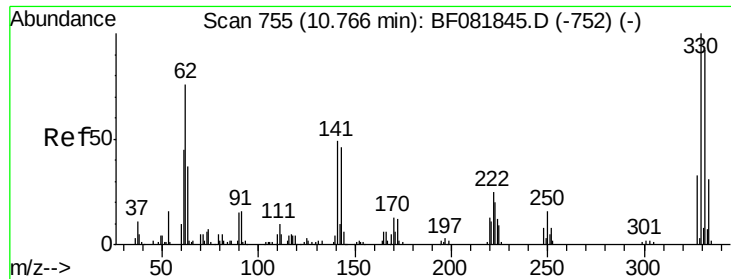


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

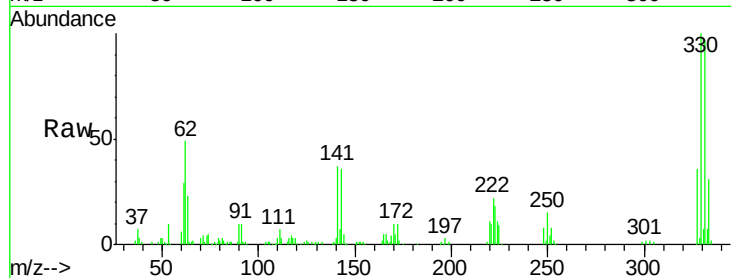




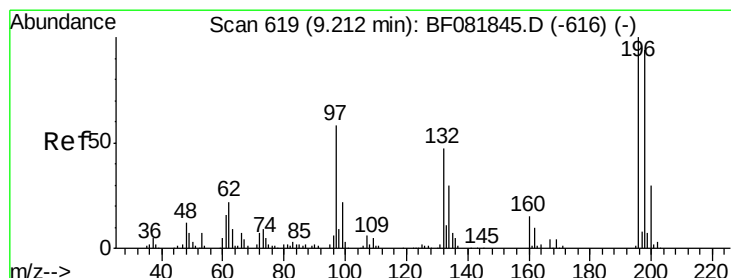
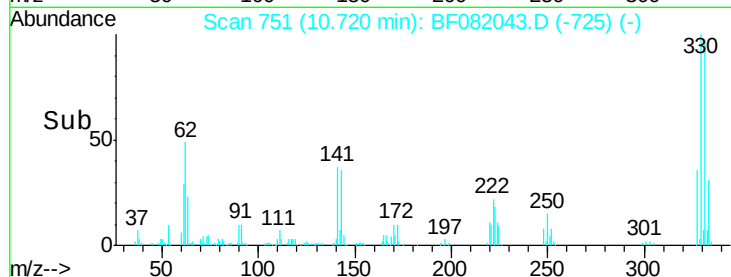
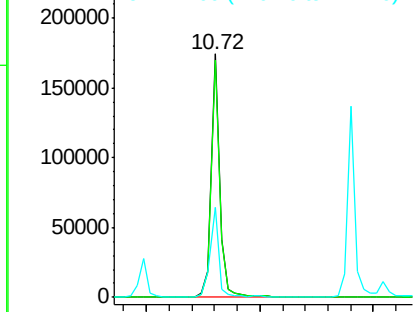
#41
 2,4,6-Tribromophenol
 Concen: 86.65 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BS

Tgt Ion:330 Resp: 175861
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 36.9 29.7 44.5

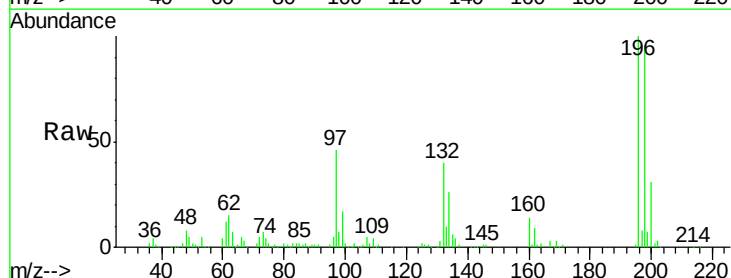


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

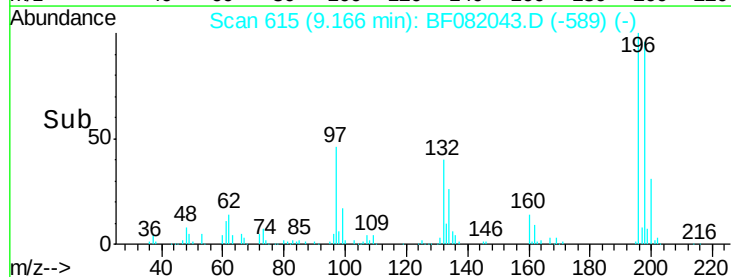
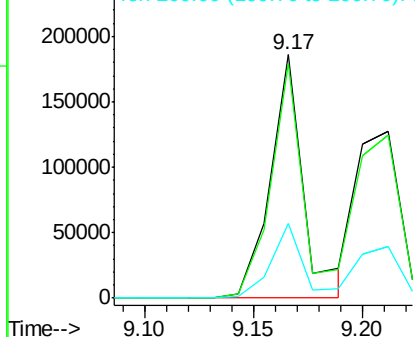


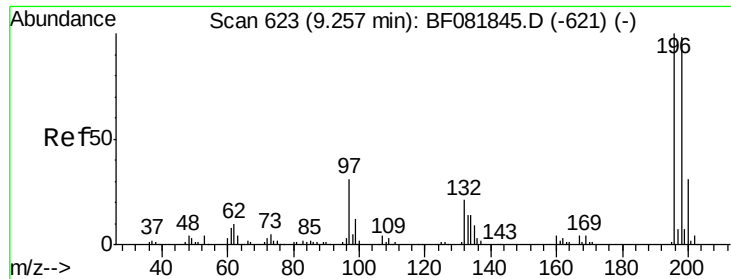
#42
 2,4,6-Trichlorophenol
 Concen: 46.98 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

Tgt Ion:196 Resp: 198145
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.7 113.5
 200 30.7 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

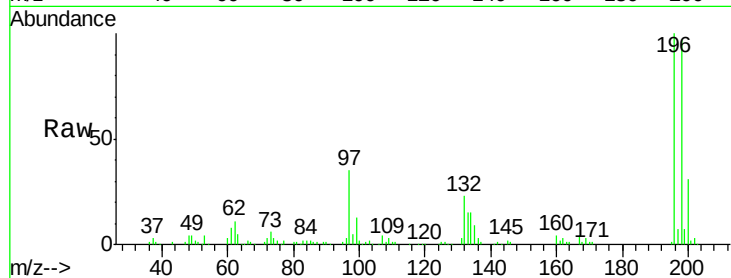




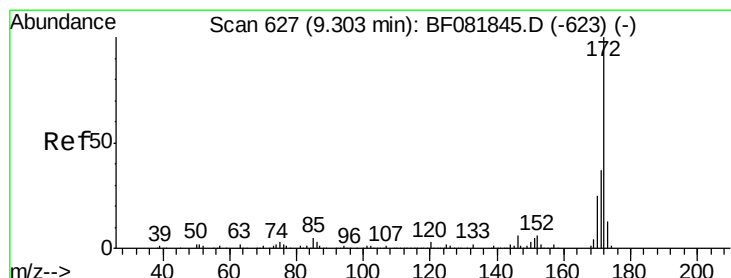
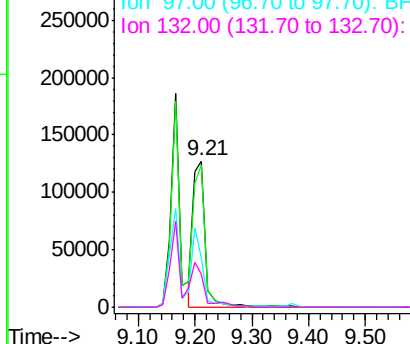
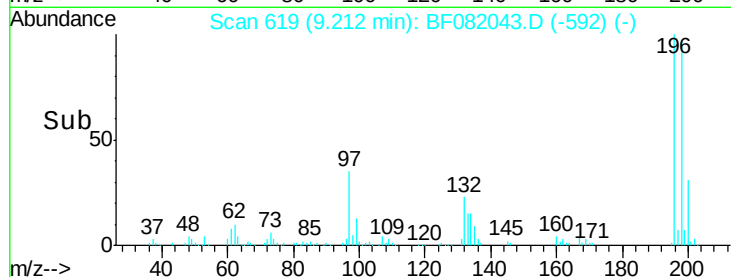
#43
2,4,5-Trichlorophenol
Concen: 44.47 ng
RT: 9.21 min Scan# 619
Delta R.T. 0.01 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

Instrument :
BNA_F
ClientSampleId :
PB85905BS

Tgt Ion:196 Resp: 192897
Ion Ratio Lower Upper
196 100
198 97.4 75.4 113.0
97 34.5 33.3 49.9
132 23.2 24.6 37.0#

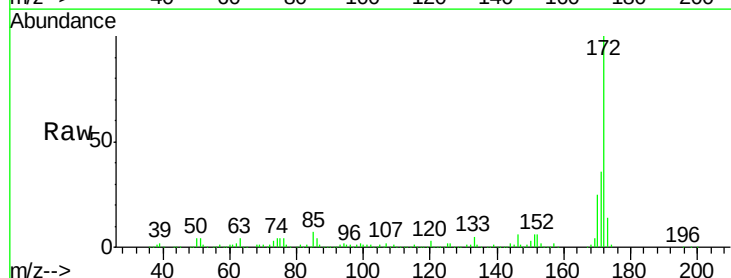


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

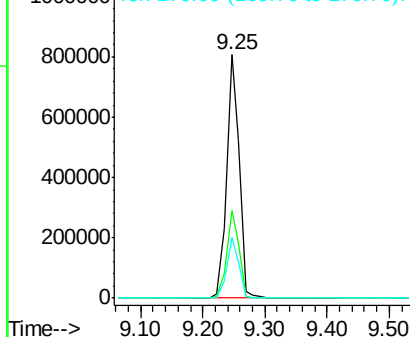
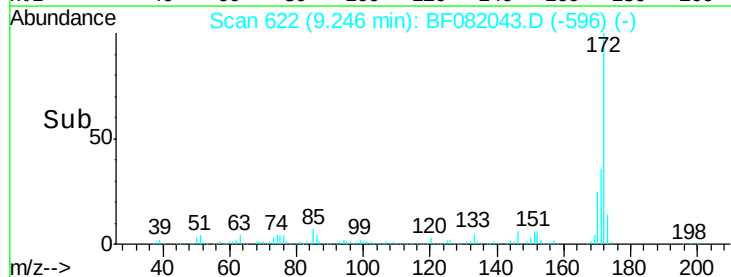


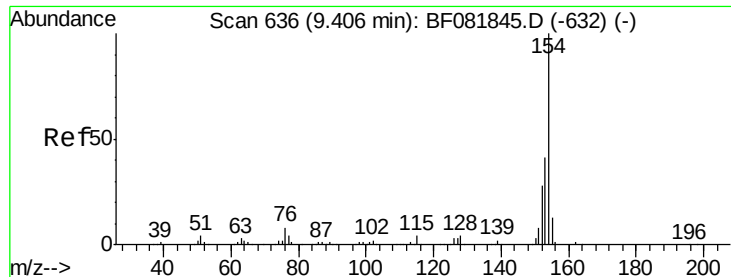
#44
2-Fluorobiphenyl
Concen: 95.56 ng
RT: 9.25 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

Tgt Ion:172 Resp: 1117012
Ion Ratio Lower Upper
172 100
171 36.0 26.1 39.1
170 24.7 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

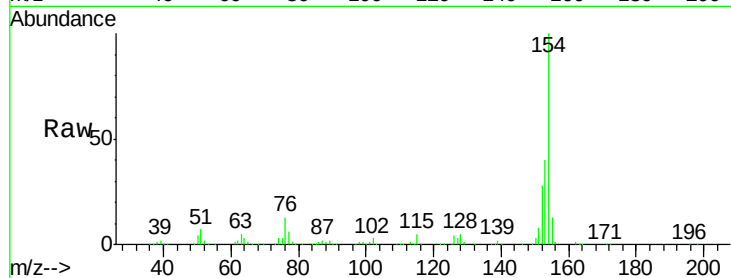




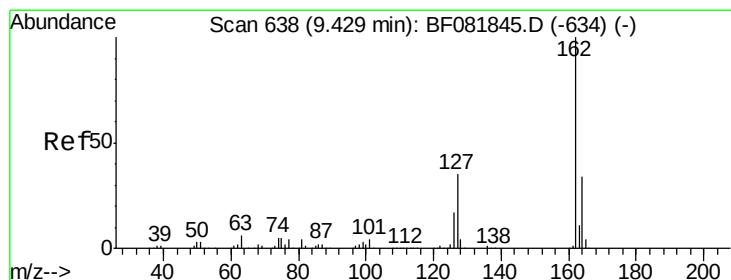
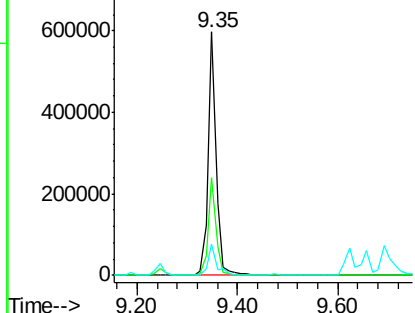
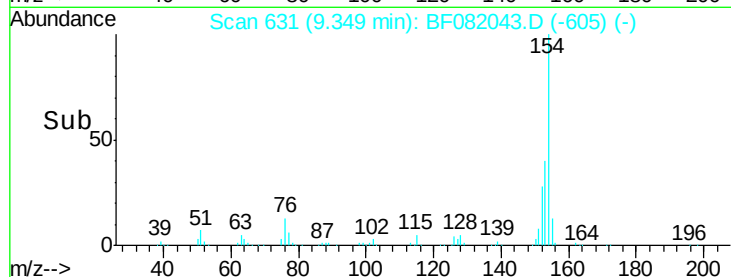
#45
 1,1'-Biphenyl
 Concen: 42.69 ng
 RT: 9.35 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BS

Tgt Ion:154 Resp: 660037
 Ion Ratio Lower Upper
 154 100
 153 40.1 17.1 57.1
 76 12.6 0.0 31.6

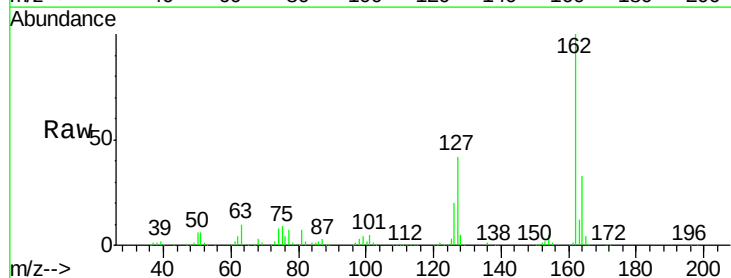


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

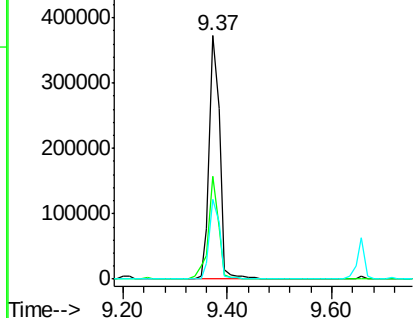
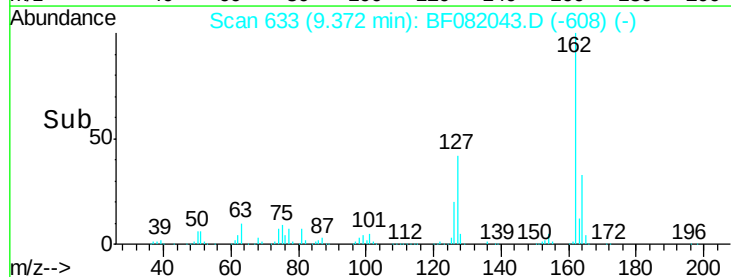


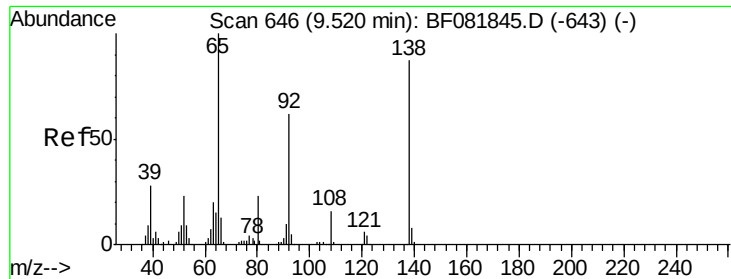
#46
 2-Chloronaphthalene
 Concen: 42.85 ng
 RT: 9.37 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

Tgt Ion:162 Resp: 520198
 Ion Ratio Lower Upper
 162 100
 127 42.3 27.6 41.4#
 164 33.0 25.4 38.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

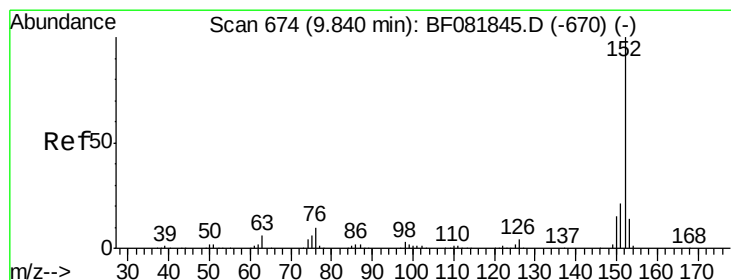
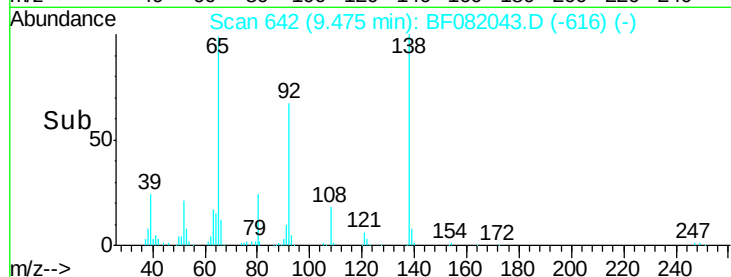
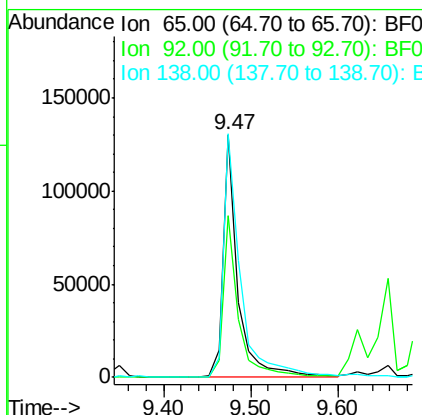
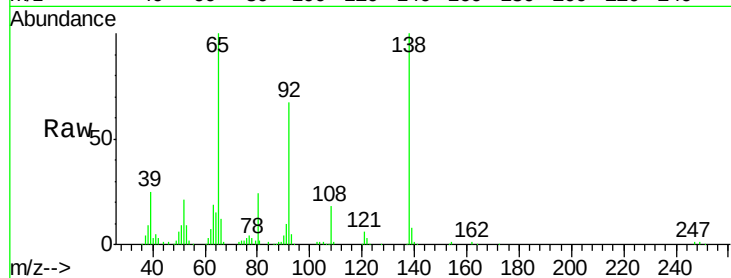




#47
2-Nitroaniline
Concen: 43.84 ng
RT: 9.47 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

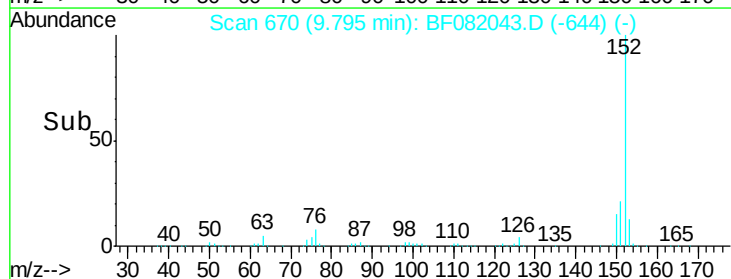
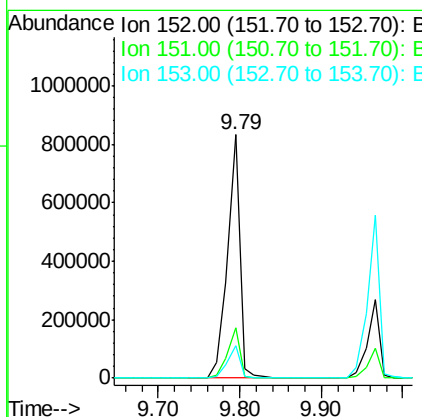
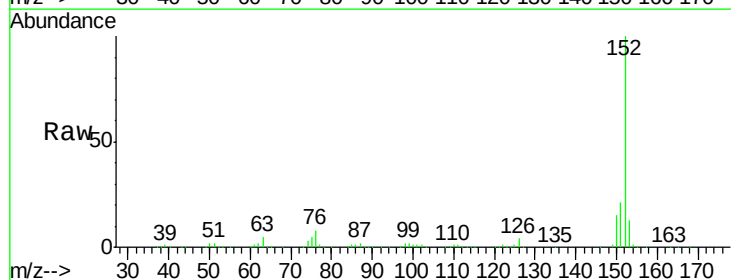
Instrument :
BNA_F
ClientSampleId :
PB85905BS

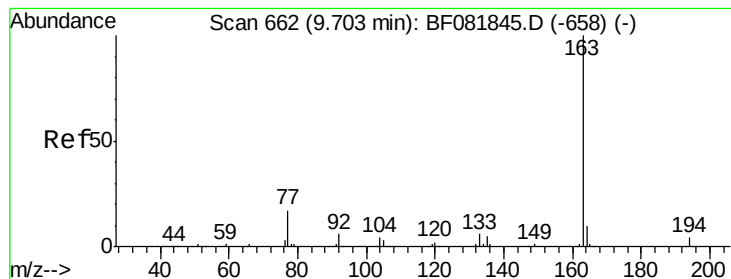
Tgt Ion: 65 Resp: 156246
Ion Ratio Lower Upper
65 100
92 66.9 55.4 83.0
138 100.5 115.5 173.3#



#48
Acenaphthylene
Concen: 44.97 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

Tgt Ion: 152 Resp: 873767
Ion Ratio Lower Upper
152 100
151 20.7 14.6 22.0
153 13.3 10.3 15.5





#49

Dimethylphthalate

Concen: 46.26 ng

RT: 9.66 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB85905BS

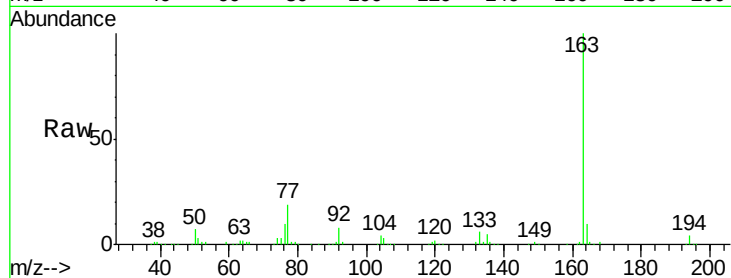
Tgt Ion:163 Resp: 639857

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

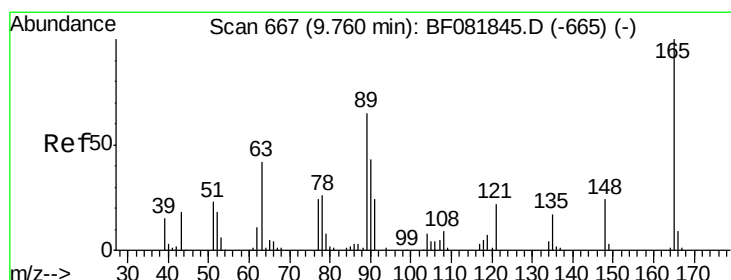
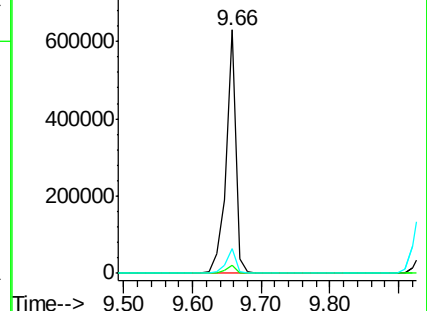
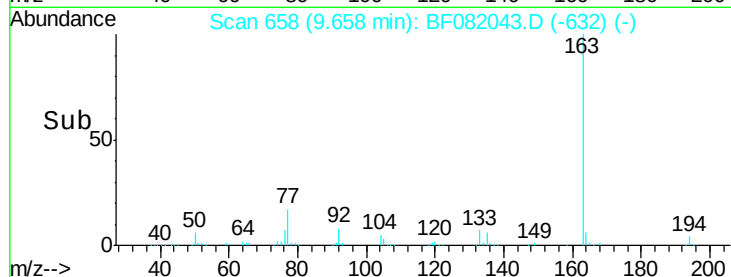
164 10.2 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.10 ng

RT: 9.71 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

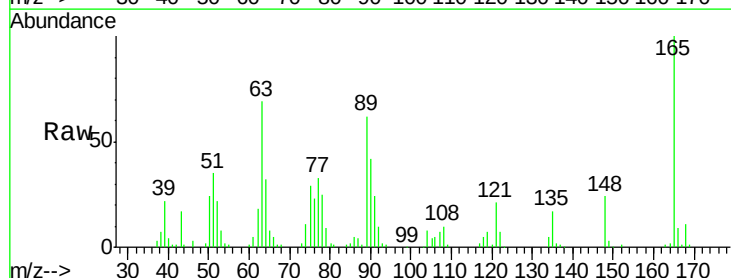
Tgt Ion:165 Resp: 132436

Ion Ratio Lower Upper

165 100

63 69.3 32.3 48.5#

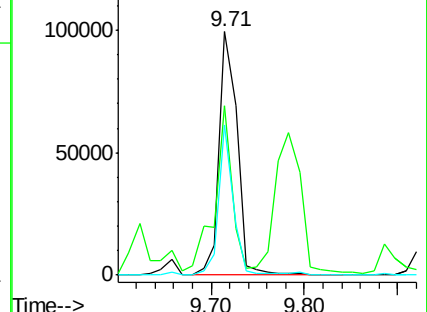
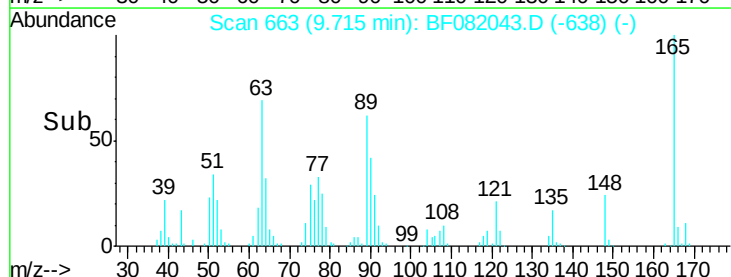
89 61.7 28.6 43.0#

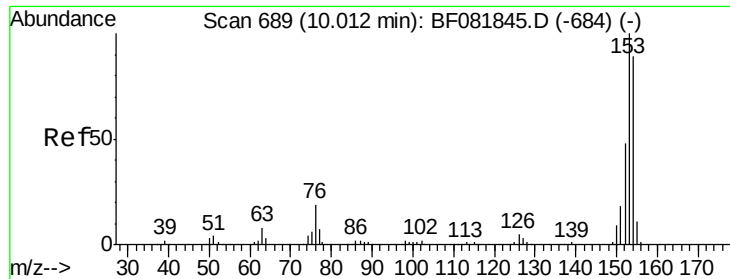


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

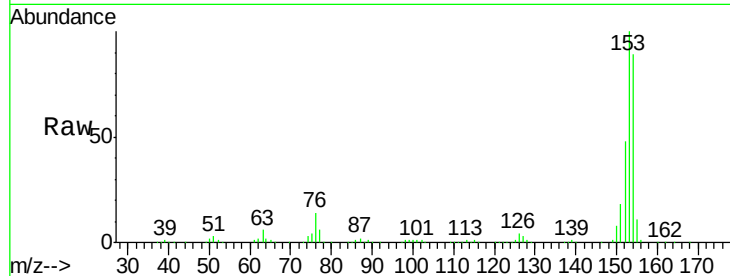




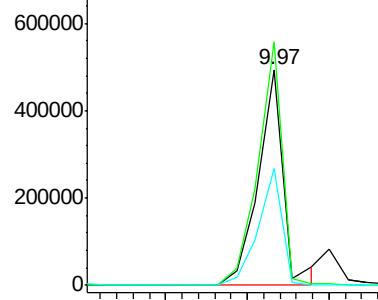
#51
Acenaphthene
Concen: 45.99 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

Instrument :
BNA_F
ClientSampleId :
PB85905BS

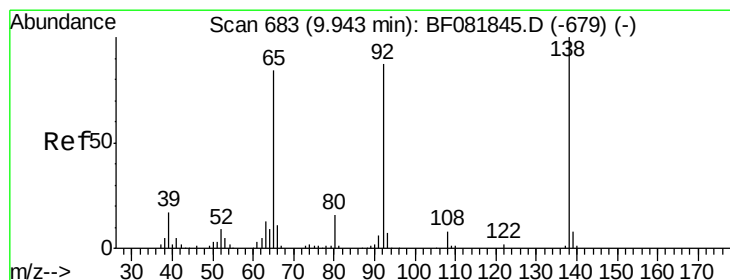
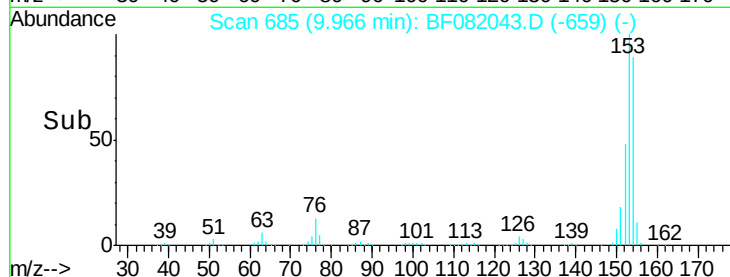
Tgt Ion:154 Resp: 530666
Ion Ratio Lower Upper
154 100
153 112.9 82.1 123.1
152 54.1 37.9 56.9



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

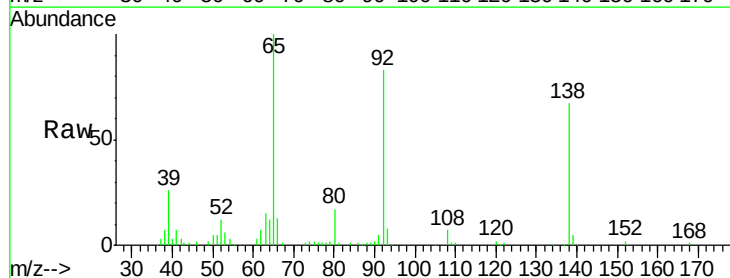


Time-->

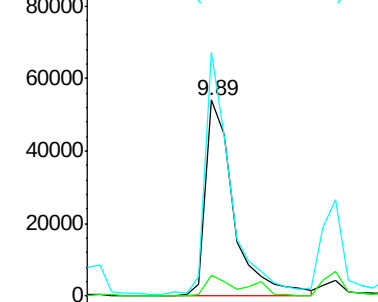


#52
3-Nitroaniline
Concen: 27.81 ng
RT: 9.89 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

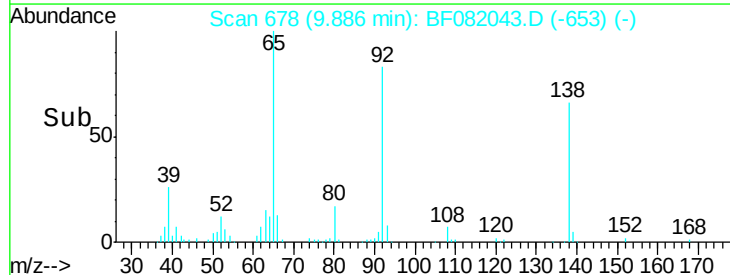
Tgt Ion:138 Resp: 96648
Ion Ratio Lower Upper
138 100
108 10.9 5.7 8.5#
92 124.1 67.7 101.5#

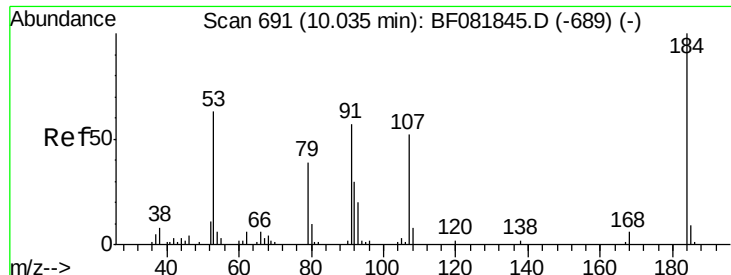


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0



Time-->

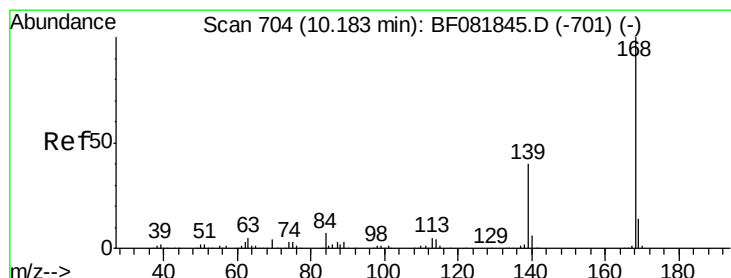
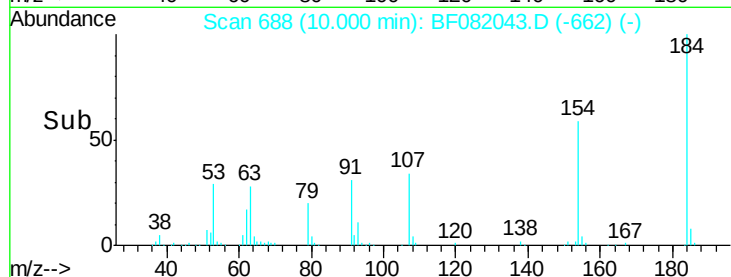
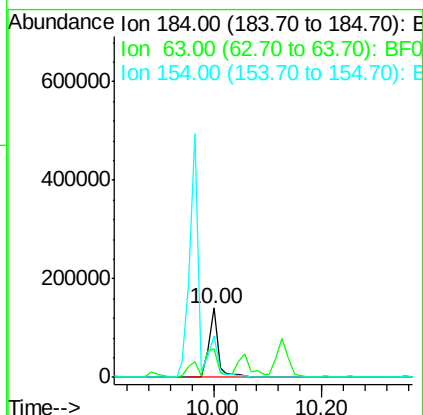
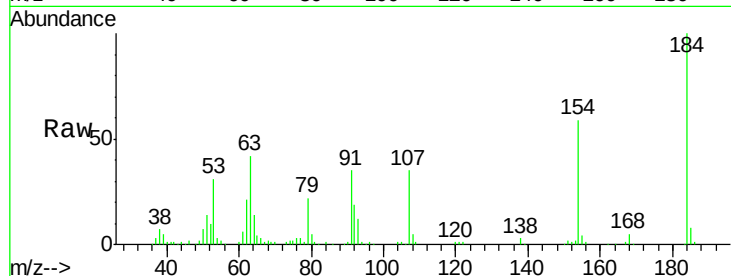




#53
2,4-Dinitrophenol
Concen: 99.46 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

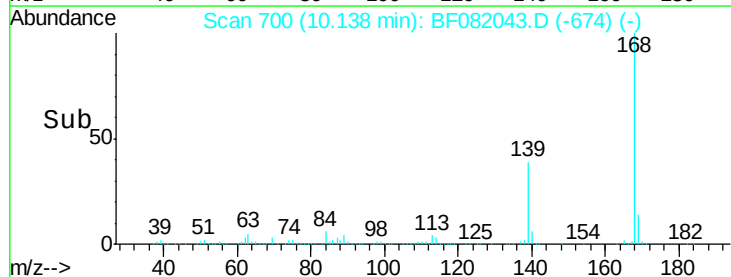
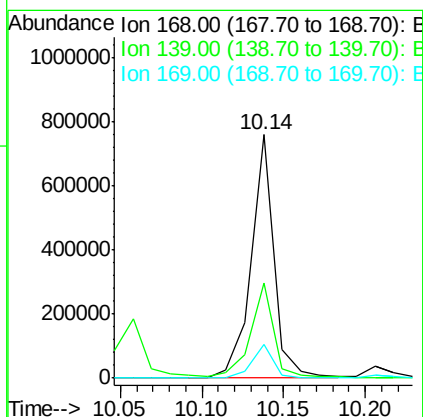
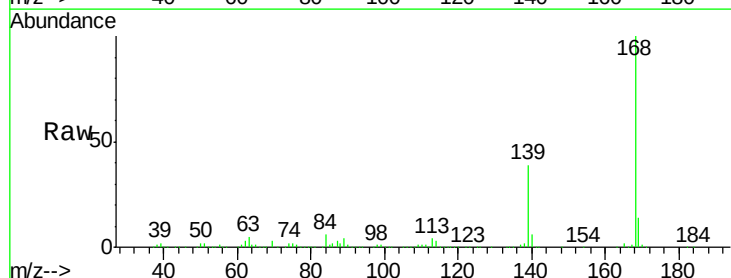
Instrument :
BNA_F
ClientSampleId :
PB85905BS

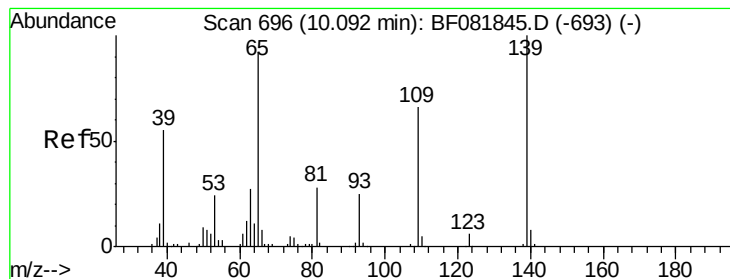
Tgt Ion:184 Resp: 170427
Ion Ratio Lower Upper
184 100
63 41.8 35.4 53.2
154 58.8 32.2 48.4#



#54
Dibenzofuran
Concen: 45.67 ng
RT: 10.14 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

Tgt Ion:168 Resp: 744767
Ion Ratio Lower Upper
168 100
139 39.2 24.2 36.2#
169 14.0 10.6 15.8





#55

4-Nitrophenol

Concen: 91.18 ng

RT: 10.06 min Scan# 693

Delta R.T. 0.01 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB85905BS

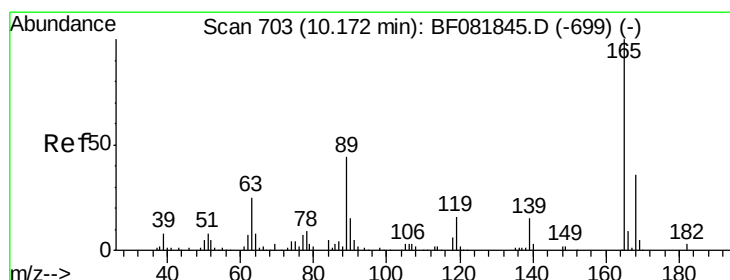
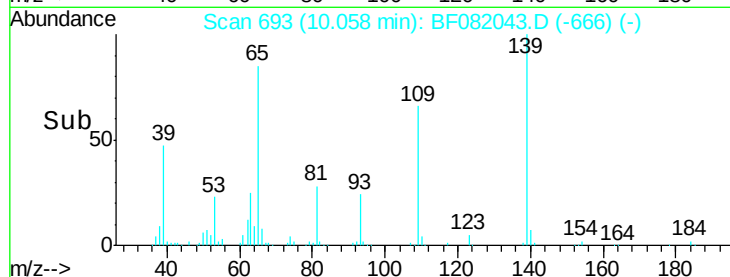
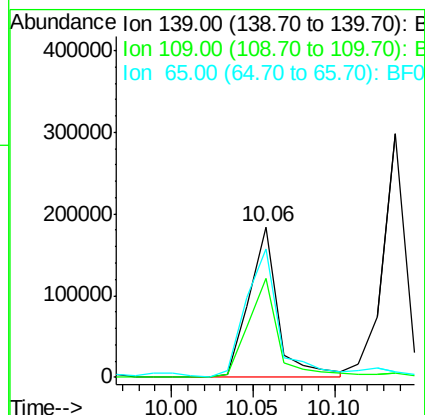
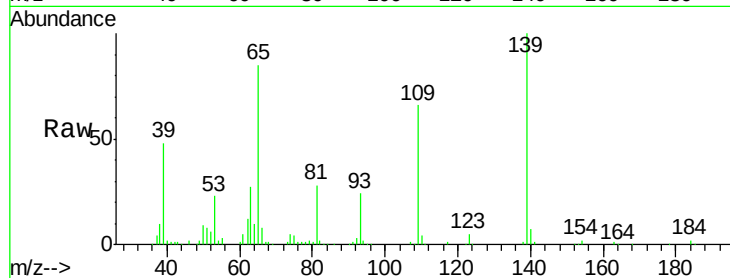
Tgt Ion:139 Resp: 228918

Ion Ratio Lower Upper

139 100

109 65.9 12.7 52.7#

65 85.0 45.9 85.9



#56

2,4-Dinitrotoluene

Concen: 50.61 ng

RT: 10.13 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

Tgt Ion:165 Resp: 193770

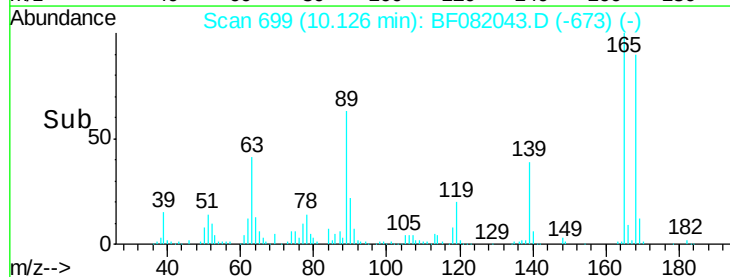
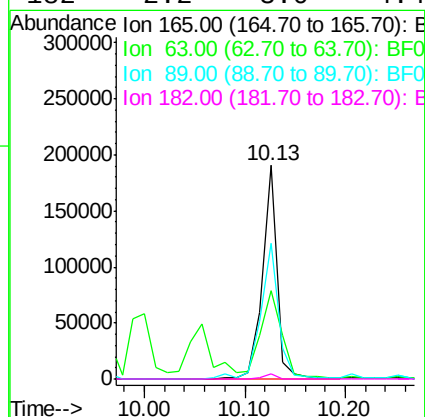
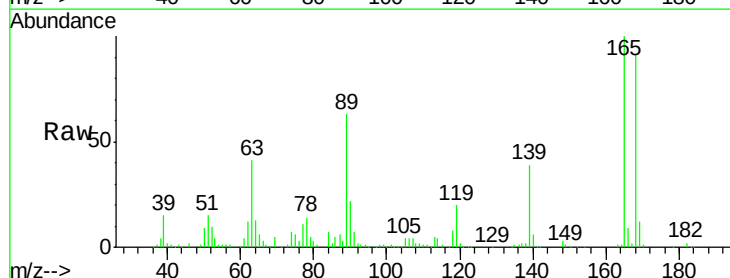
Ion Ratio Lower Upper

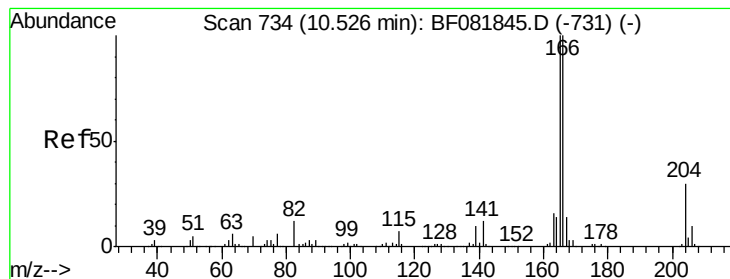
165 100

63 41.4 29.8 44.6

89 63.2 44.5 66.7

182 2.2 3.0 4.4#





#57

Fluorene

Concen: 52.06 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB85905BS

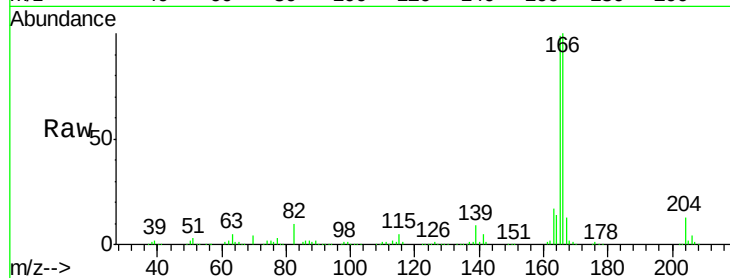
Tgt Ion:166 Resp: 603215

Ion Ratio Lower Upper

166 100

165 99.1 72.6 109.0

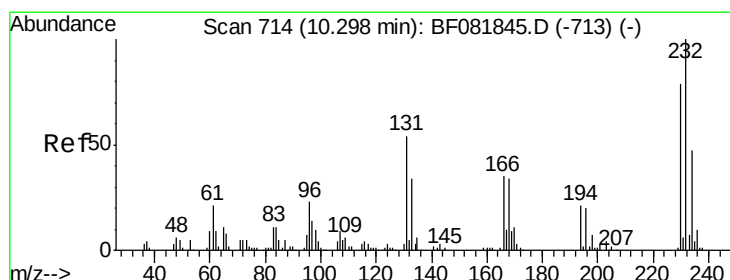
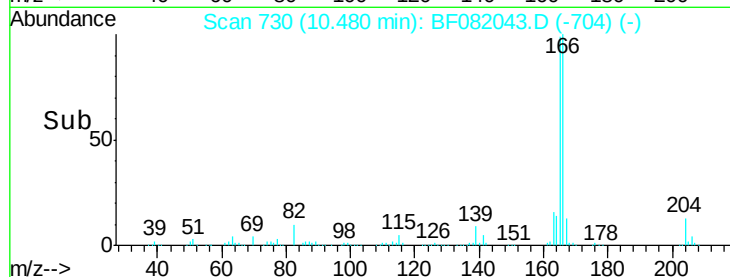
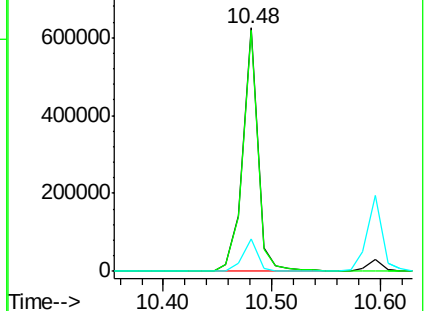
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.60 ng

RT: 10.25 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

Tgt Ion:232 Resp: 174113

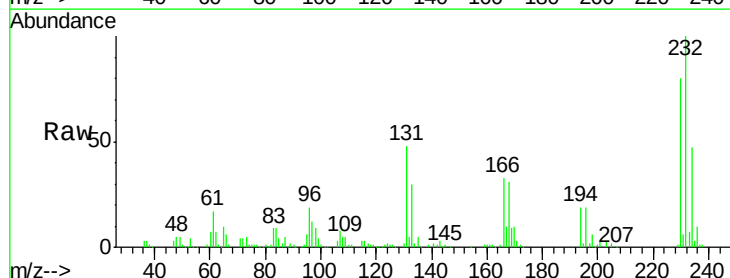
Ion Ratio Lower Upper

232 100

131 43.5 38.5 57.7

130 2.0 1.8 2.6

166 29.2 25.0 37.6

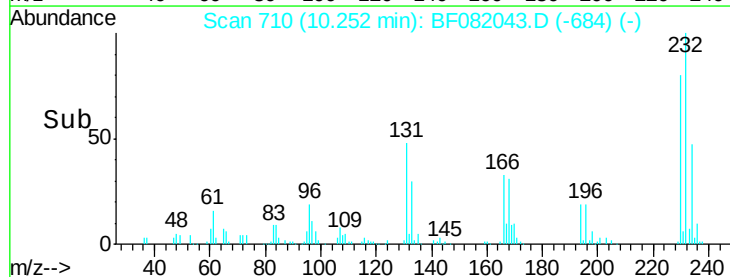
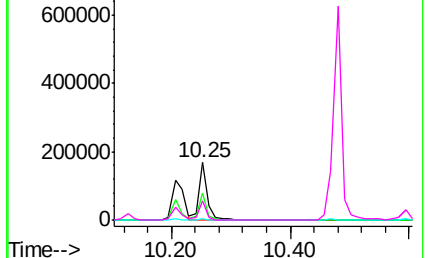


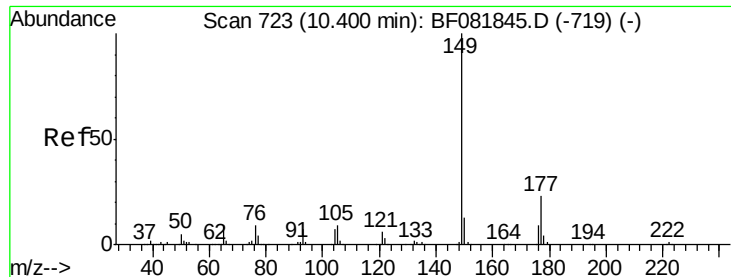
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

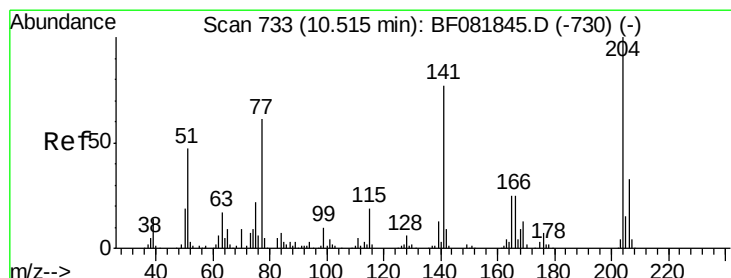
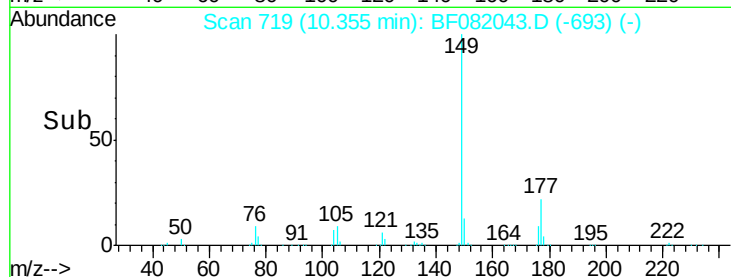
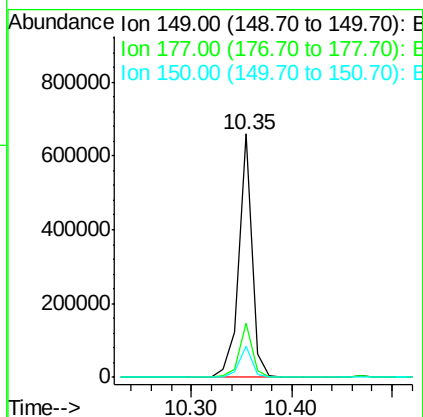
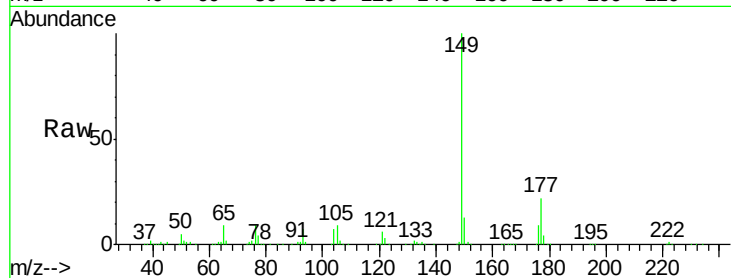




#59
Diethylphthalate
Concen: 46.52 ng
RT: 10.35 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

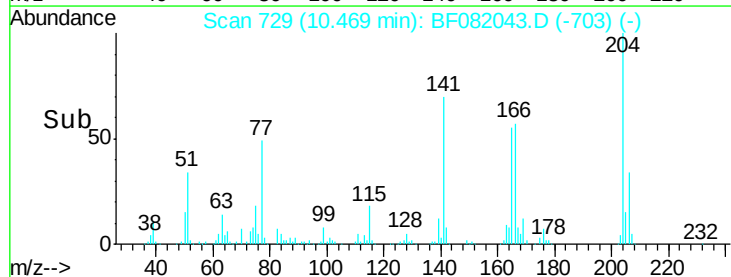
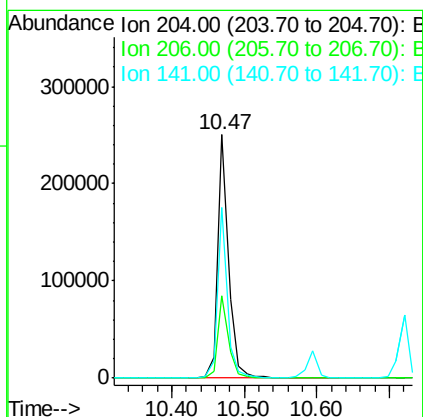
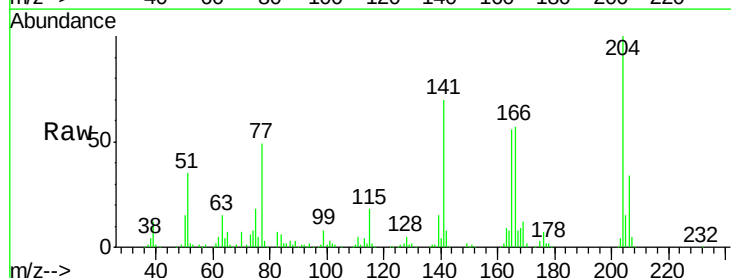
Instrument :
BNA_F
ClientSampleId :
PB85905BS

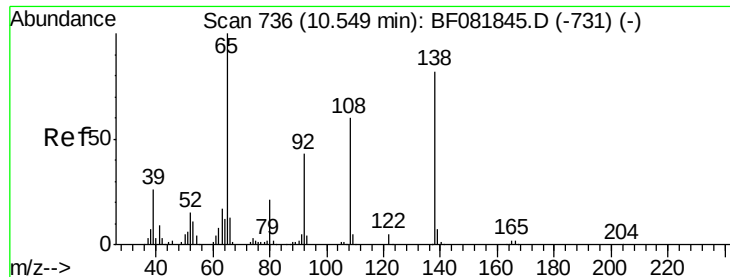
Tgt Ion:149 Resp: 601061
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 13.0 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 43.43 ng
RT: 10.47 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

Tgt Ion:204 Resp: 259296
Ion Ratio Lower Upper
204 100
206 34.1 24.8 37.2
141 70.1 42.2 63.4#

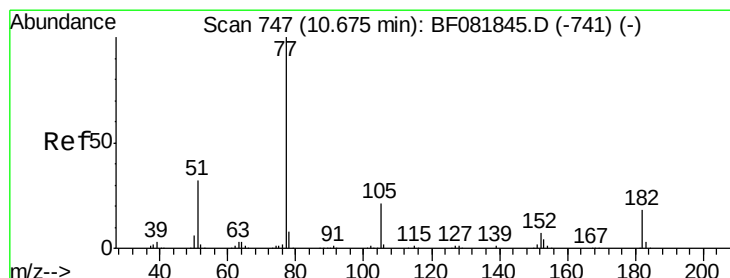
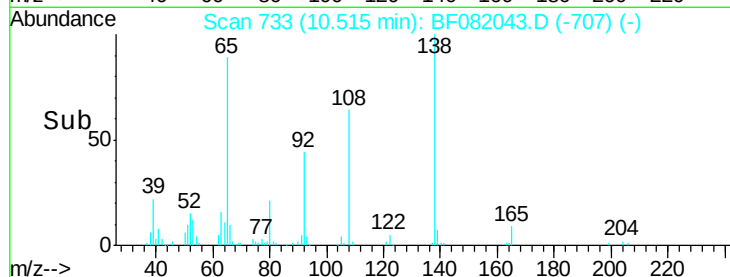
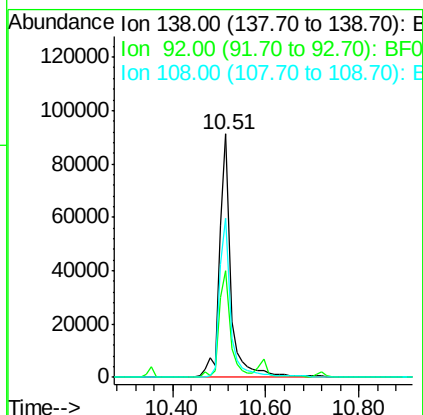
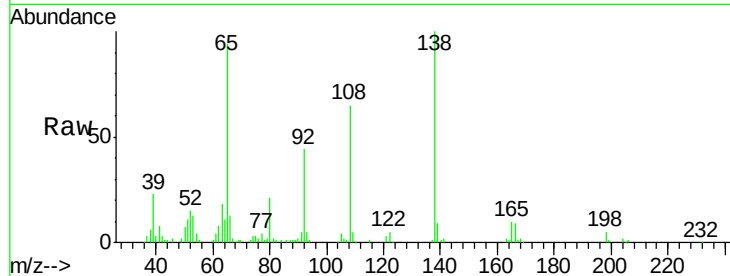




#61
4-Nitroaniline
Concen: 43.11 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

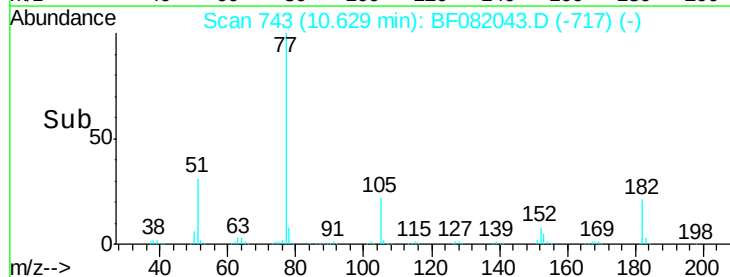
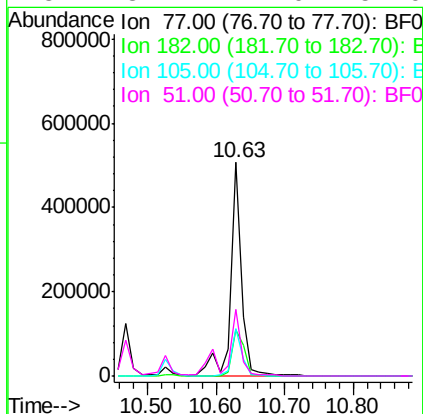
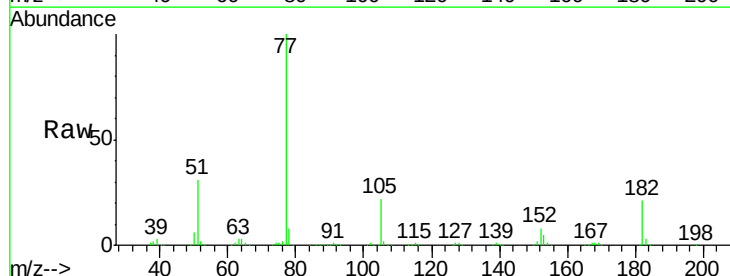
Instrument :
BNA_F
ClientSampleId :
PB85905BS

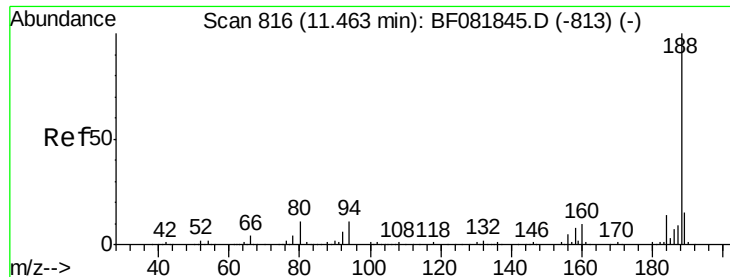
Tgt Ion:138 Resp: 150191
Ion Ratio Lower Upper
138 100
92 44.1 12.6 52.6
108 65.4 12.4 52.4#



#62
Azobenzene
Concen: 45.39 ng
RT: 10.63 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

Tgt Ion: 77 Resp: 572445
Ion Ratio Lower Upper
77 100
182 21.3 15.1 55.1
105 22.0 3.4 43.4
51 31.2 12.0 52.0

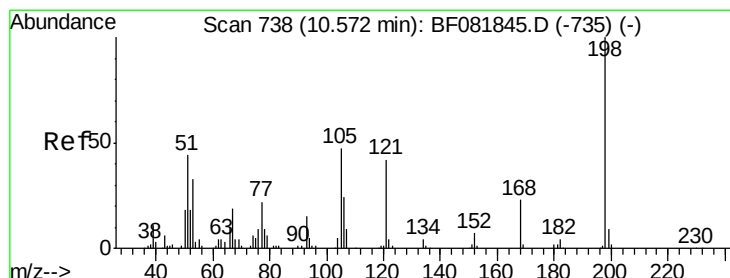
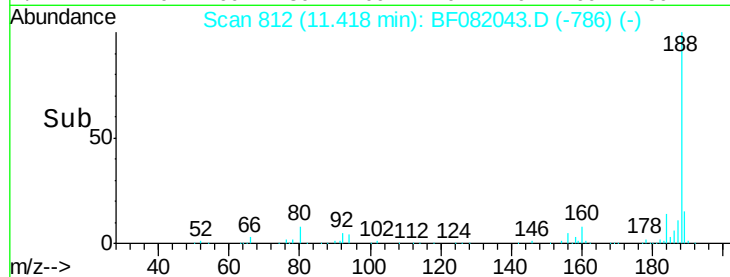
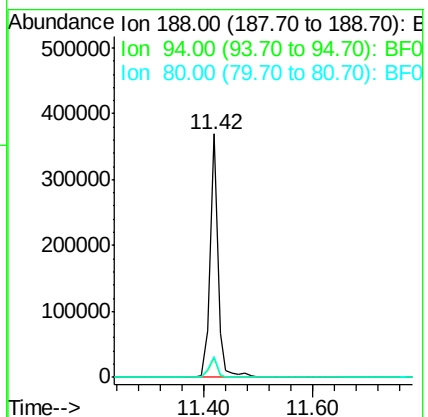
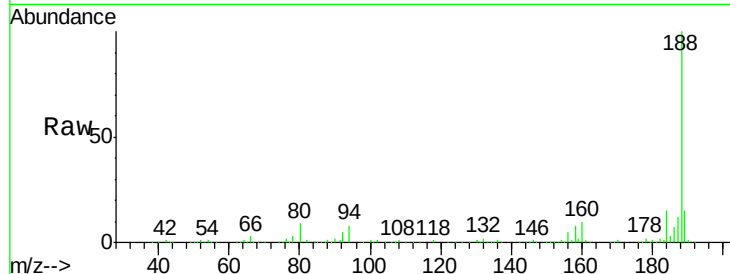




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

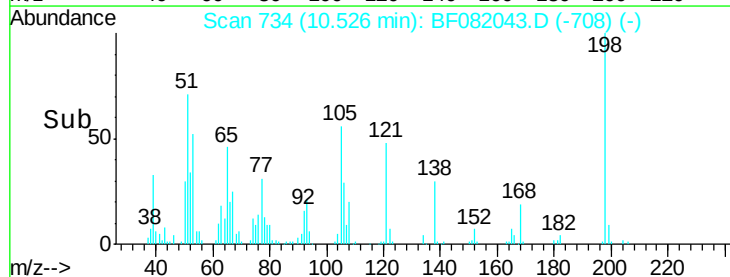
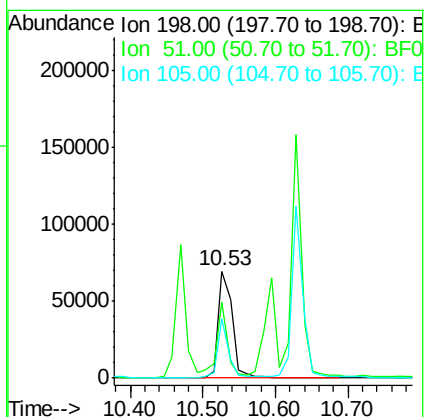
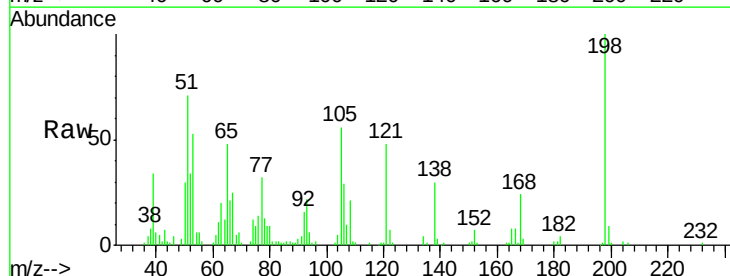
Instrument :
BNA_F
ClientSampleId :
PB85905BS

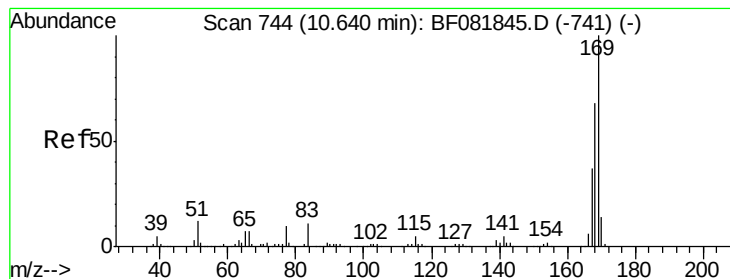
Tgt Ion:188 Resp: 374973
Ion Ratio Lower Upper
188 100
94 8.1 11.1 16.7#
80 8.7 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 54.24 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

Tgt Ion:198 Resp: 95120
Ion Ratio Lower Upper
198 100
51 70.9 39.6 79.6
105 55.7 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 46.94 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB85905BS

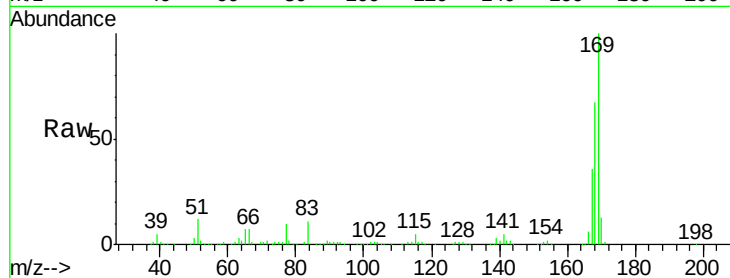
Tgt Ion:169 Resp: 532579

Ion Ratio Lower Upper

169 100

168 66.9 48.9 73.3

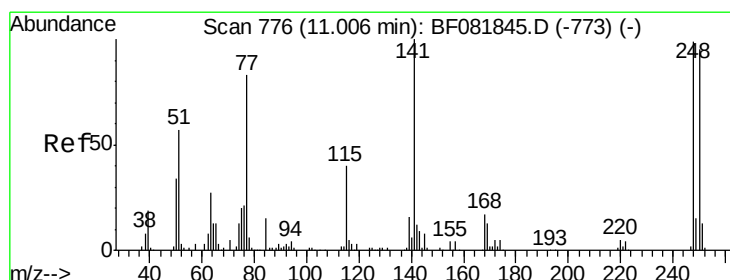
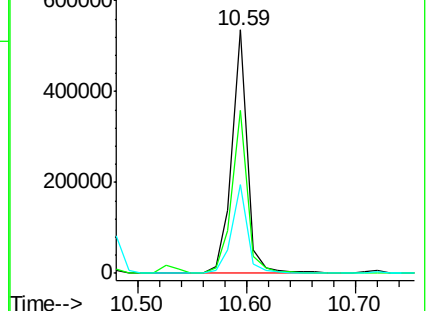
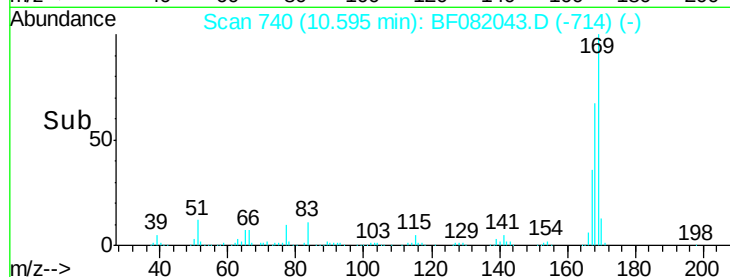
167 36.4 26.2 39.4



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: 47.52 ng

RT: 10.96 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

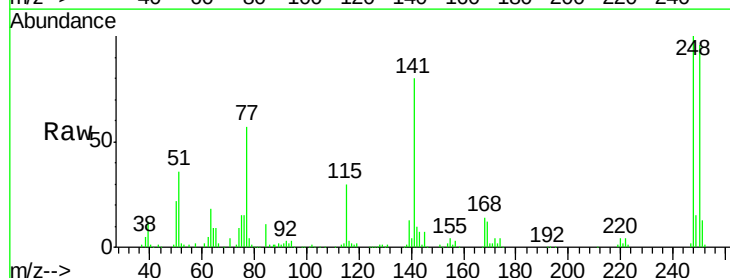
Tgt Ion:248 Resp: 179669

Ion Ratio Lower Upper

248 100

250 95.6 78.5 117.7

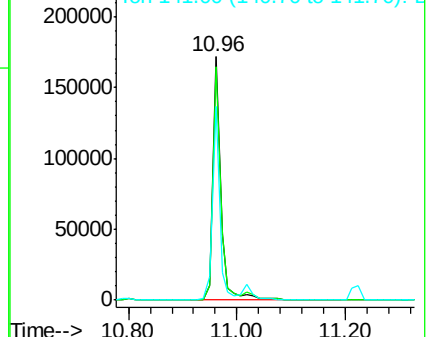
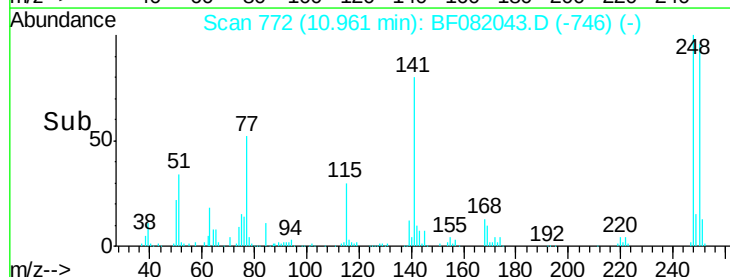
141 79.7 59.0 88.6

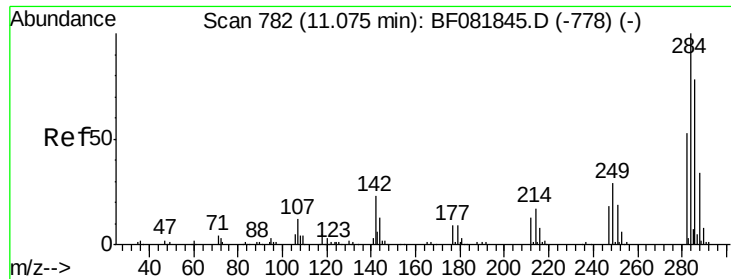


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

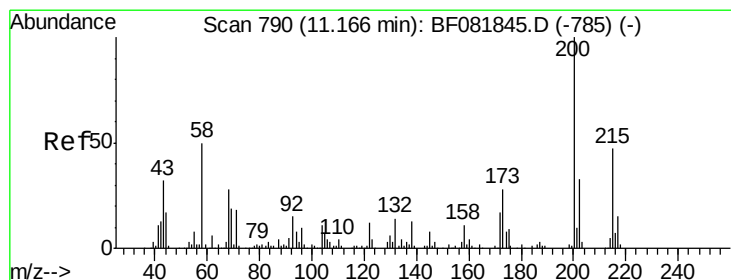
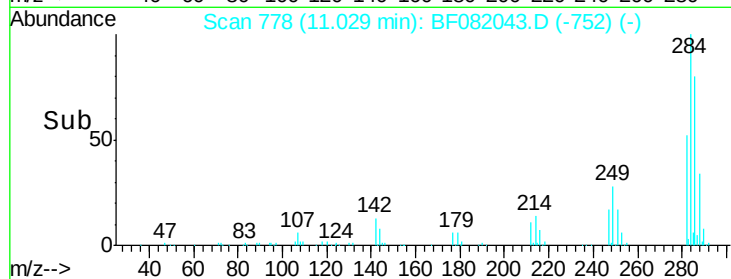
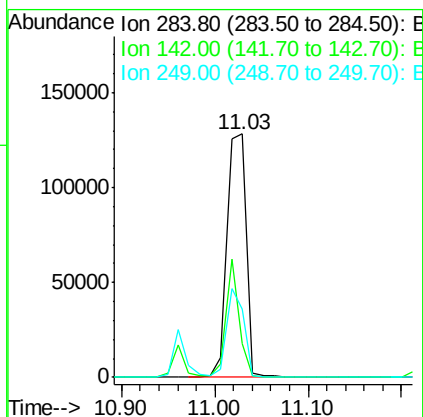
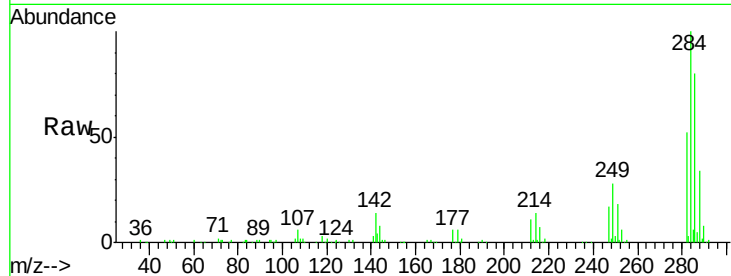




#67
Hexachlorobenzene
Concen: 43.56 ng
RT: 11.03 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

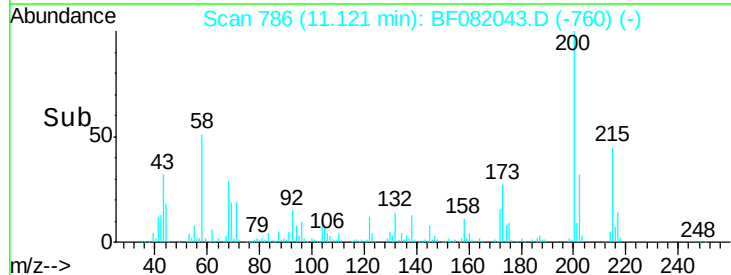
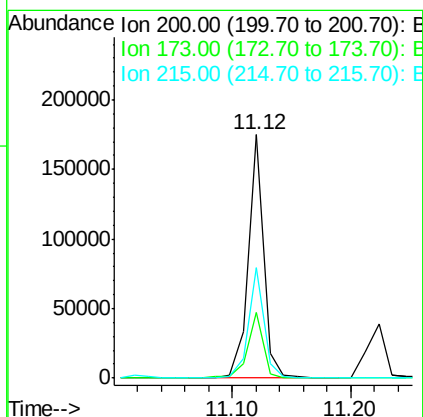
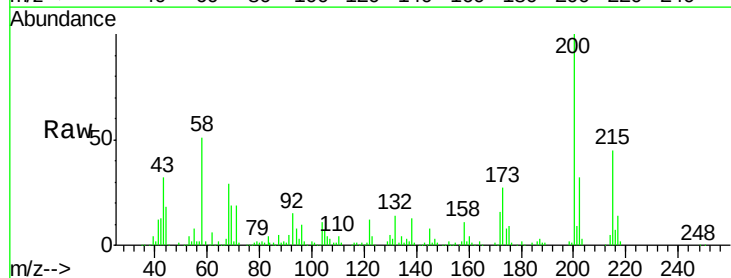
Instrument :
BNA_F
ClientSampleId :
PB85905BS

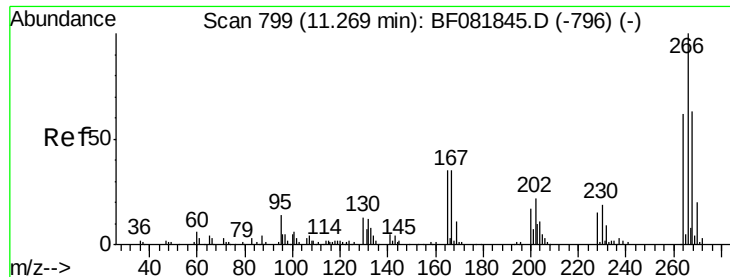
Tgt Ion:284 Resp: 185863
Ion Ratio Lower Upper
284 100
142 13.8 29.5 44.3#
249 28.1 19.5 29.3



#68
Atrazine
Concen: 45.66 ng
RT: 11.12 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

Tgt Ion:200 Resp: 160737
Ion Ratio Lower Upper
200 100
173 27.1 13.2 53.2
215 45.2 41.8 81.8

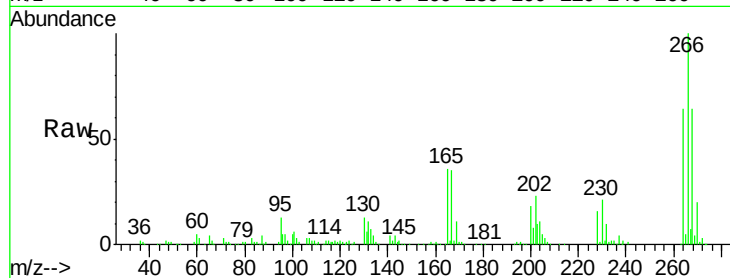




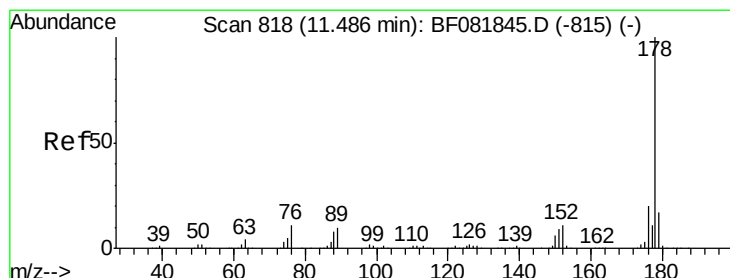
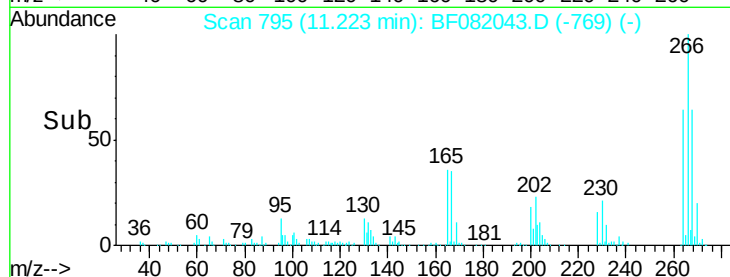
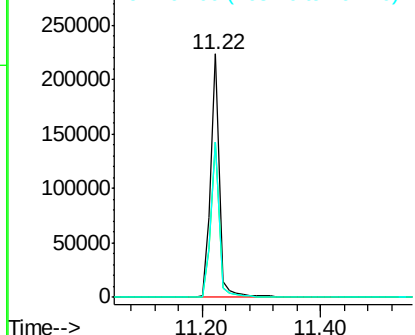
#69
 Pentachlorophenol
 Concen: 94.87 ng
 RT: 11.22 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BS

Tgt Ion:266 Resp: 230638
 Ion Ratio Lower Upper
 266 100
 268 63.9 49.8 74.6
 264 63.7 50.2 75.2

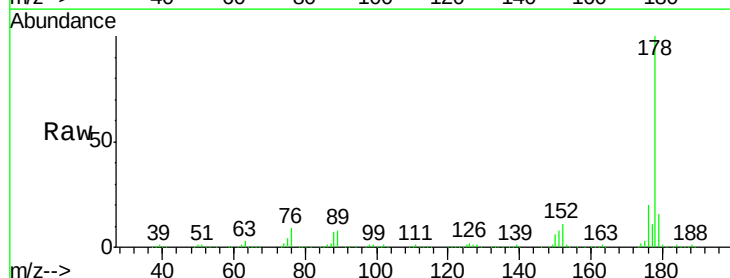


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

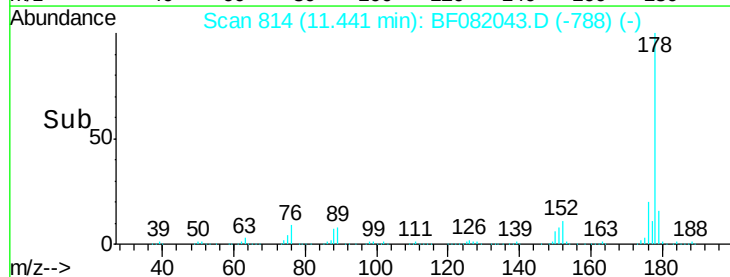
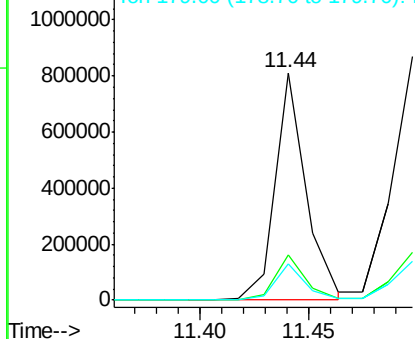


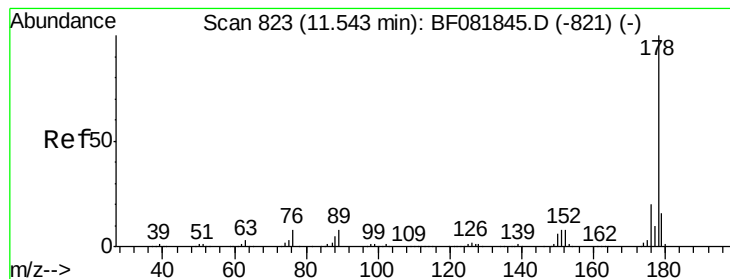
#70
 Phenanthrene
 Concen: 44.65 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

Tgt Ion:178 Resp: 805878
 Ion Ratio Lower Upper
 178 100
 176 20.2 13.8 20.8
 179 16.0 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: 50.85 ng

RT: 11.50 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB85905BS

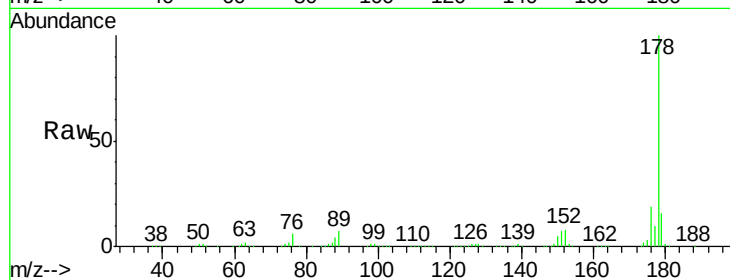
Tgt Ion:178 Resp: 969182

Ion Ratio Lower Upper

178 100

176 19.5 14.1 21.1

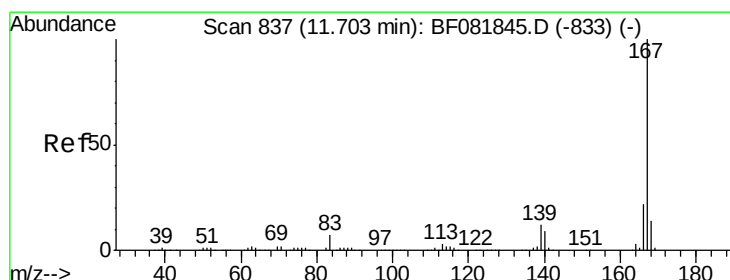
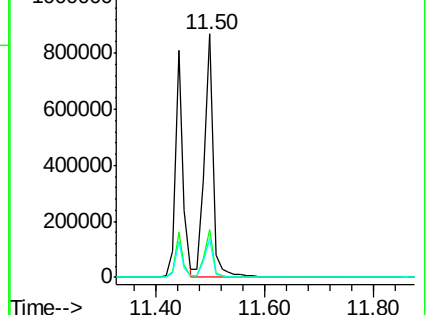
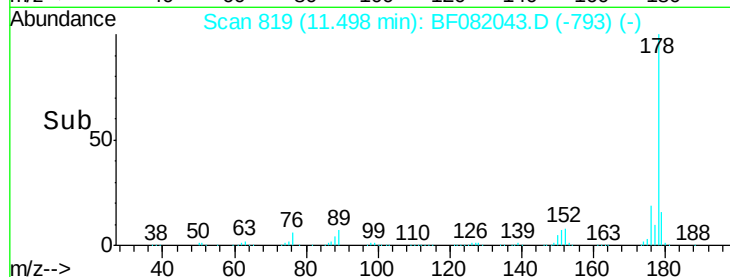
179 15.8 12.2 18.2



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: 48.13 ng

RT: 11.66 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

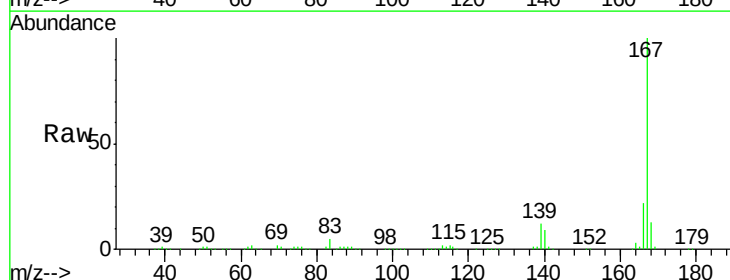
Tgt Ion:167 Resp: 830130

Ion Ratio Lower Upper

167 100

166 21.9 15.7 23.5

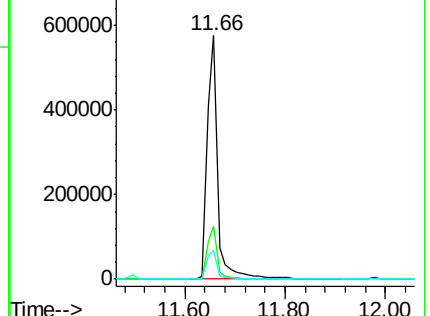
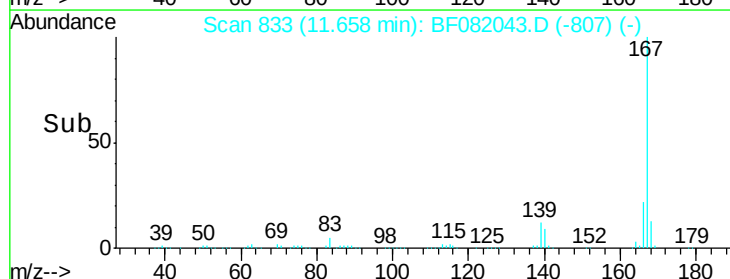
139 11.8 9.5 14.3

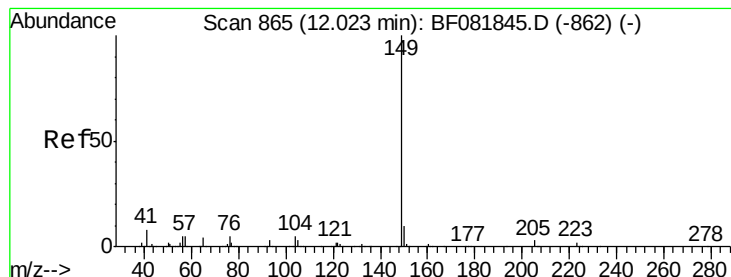


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 51.93 ng

RT: 11.98 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

Instrument :

BNA_F

ClientSampled :

PB85905BS

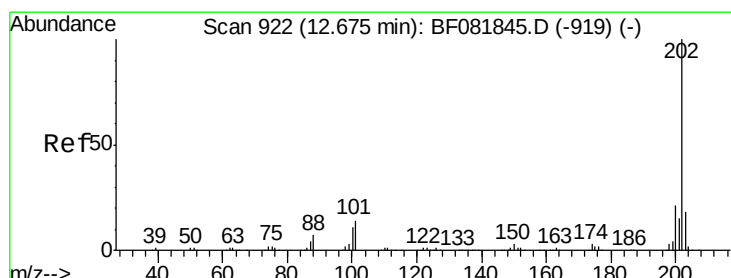
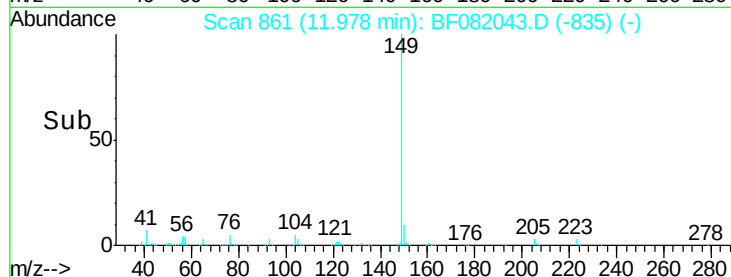
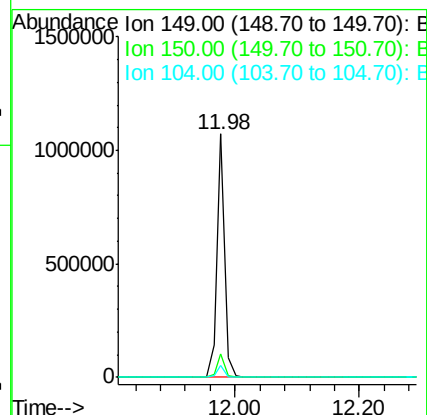
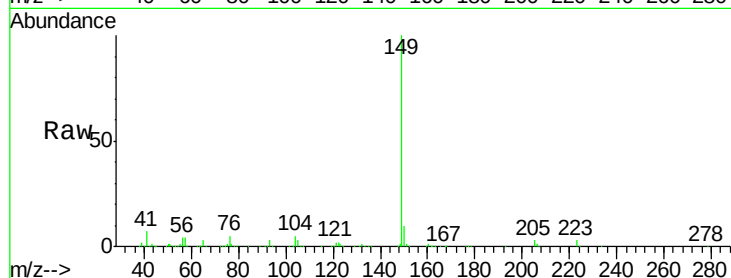
Tgt Ion:149 Resp: 908778

Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.2

104 4.8 2.4 3.6#



#74

Fluoranthene

Concen: 43.95 ng

RT: 12.63 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

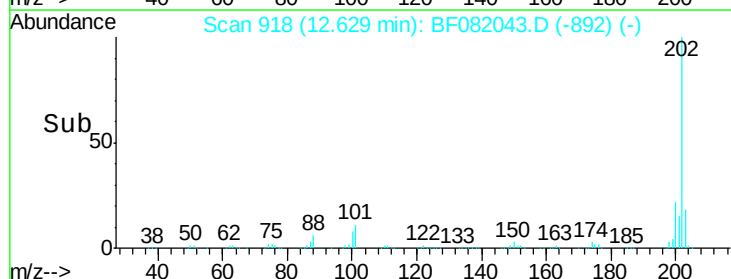
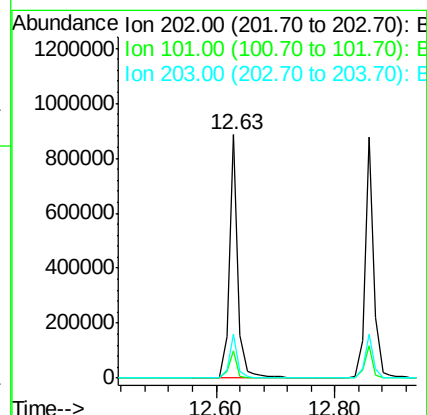
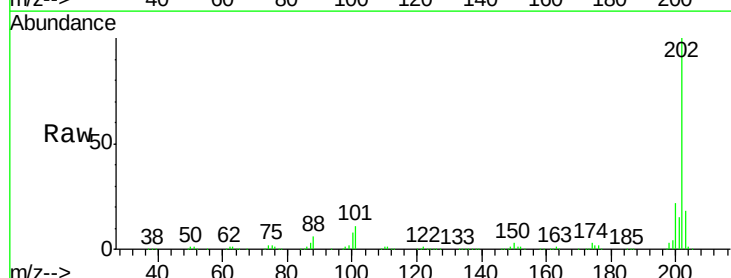
Tgt Ion:202 Resp: 882856

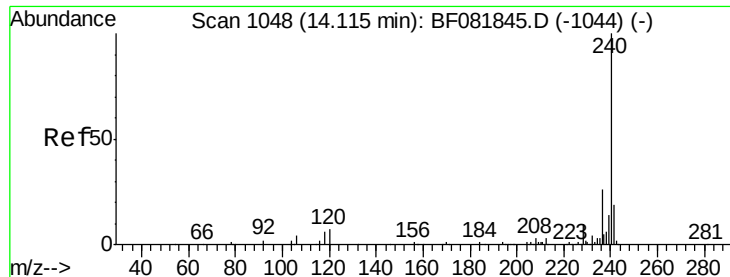
Ion Ratio Lower Upper

202 100

101 11.0 0.0 38.3

203 18.1 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB85905BS

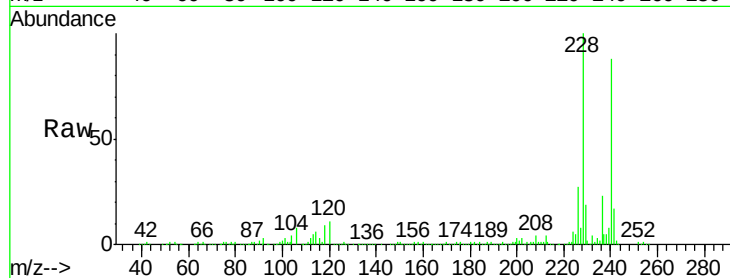
Tgt Ion:240 Resp: 324820

Ion Ratio Lower Upper

240 100

120 12.1 16.2 24.2#

236 26.3 18.4 27.6

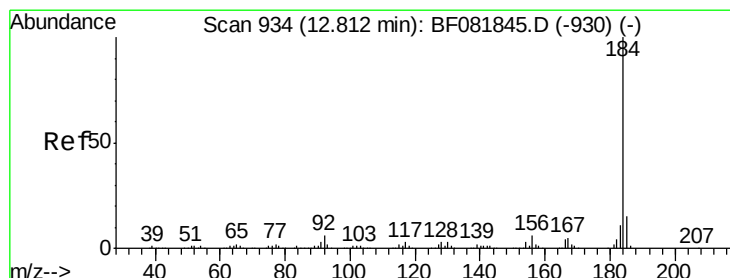
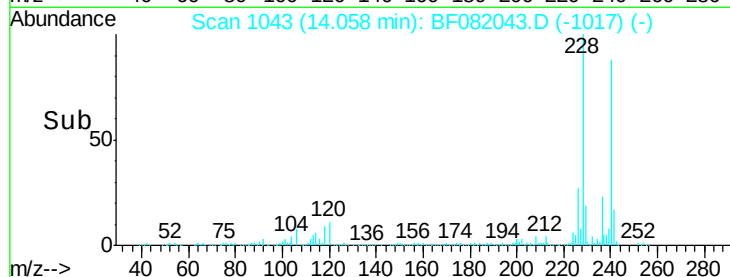
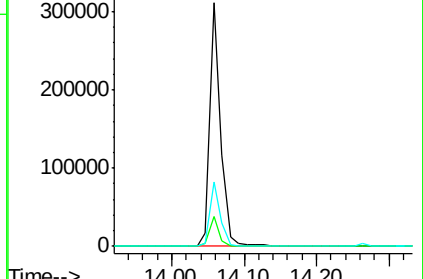


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.06



#76

Benzidine

Concen: 37.82 ng

RT: 12.75 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

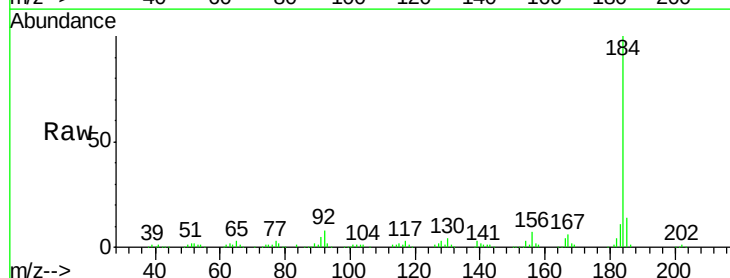
Tgt Ion:184 Resp: 370126

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

183 11.1 7.6 11.4

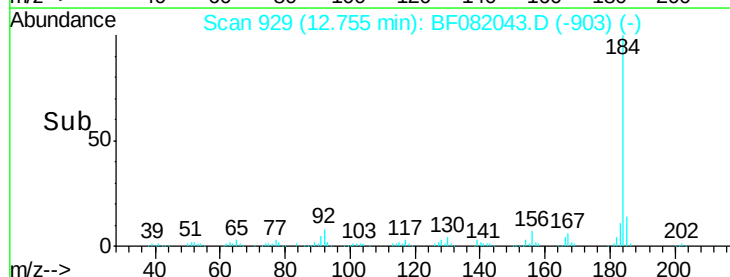
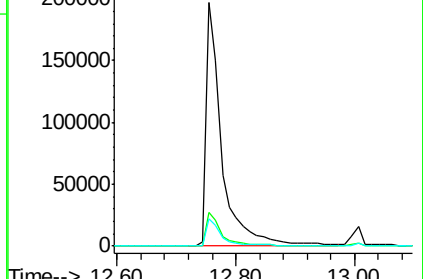


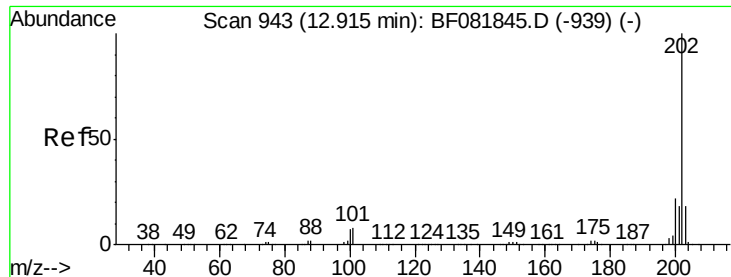
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.75

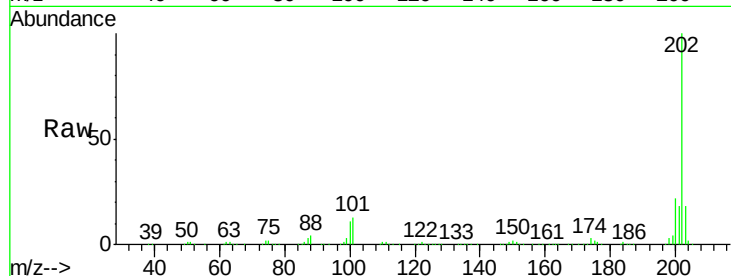




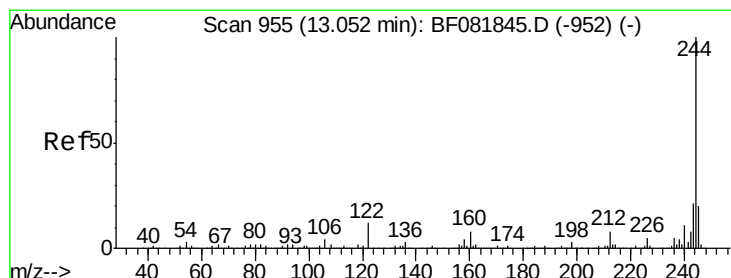
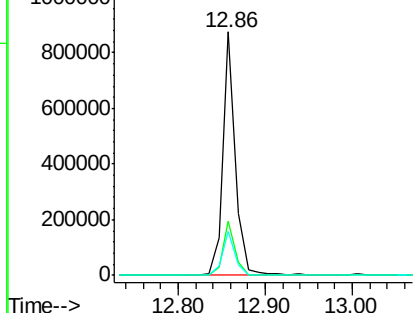
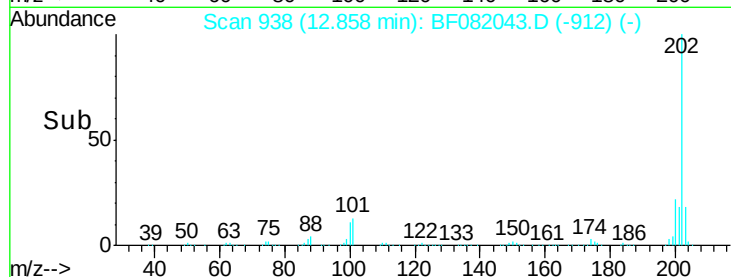
#77
Pyrene
 Concen: 45.37 ng
 RT: 12.86 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	15.0	22.4
203	18.3	14.1	21.1

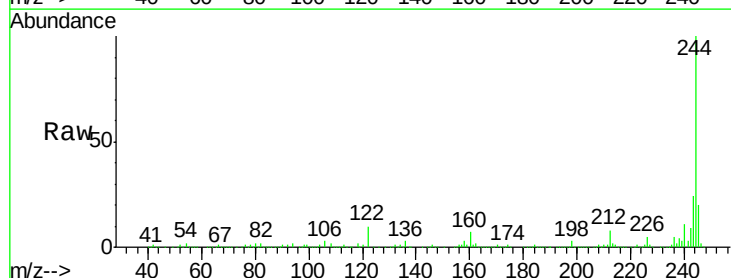


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

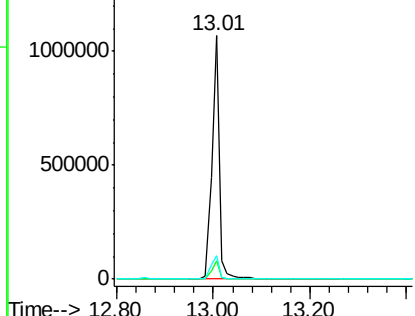
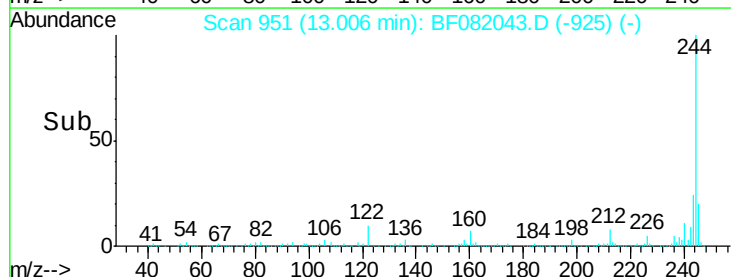


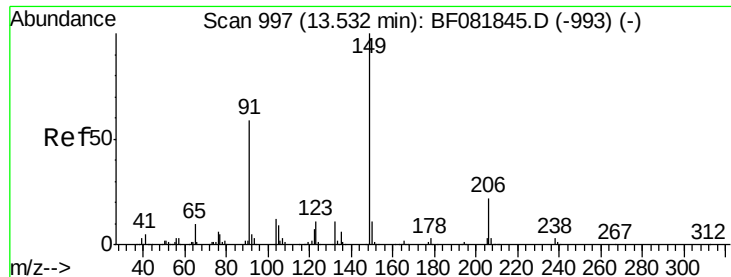
#78
Terphenyl-d14
 Concen: 139.70 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	9.7	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: 50.66 ng

RT: 13.48 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB85905BS

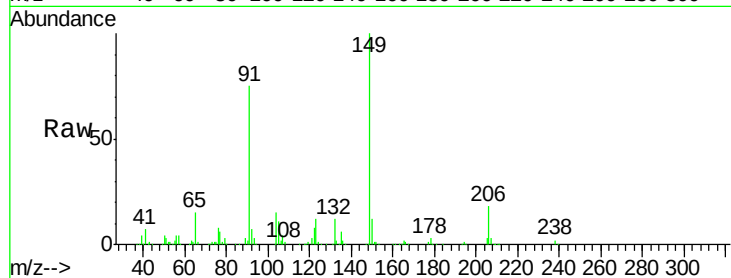
Tgt Ion:149 Resp: 369893

Ion Ratio Lower Upper

149 100

91 74.9 48.6 72.8#

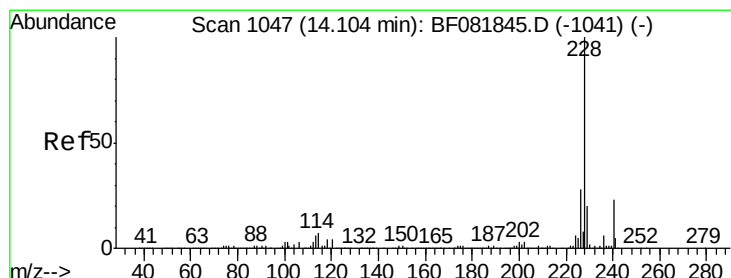
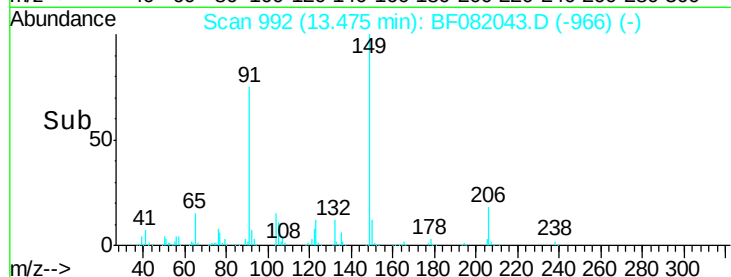
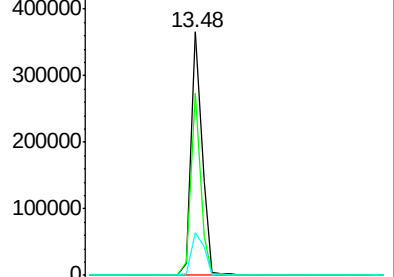
206 17.6 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.27 ng

RT: 14.05 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

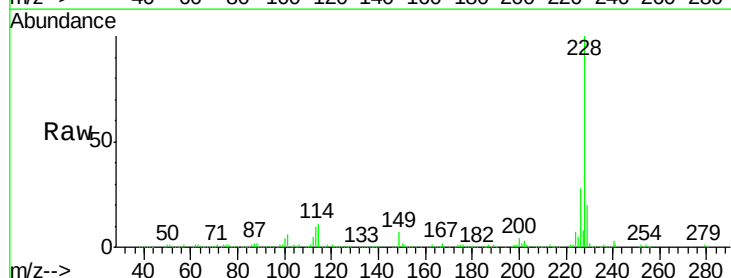
Tgt Ion:228 Resp: 809363

Ion Ratio Lower Upper

228 100

226 27.6 20.0 30.0

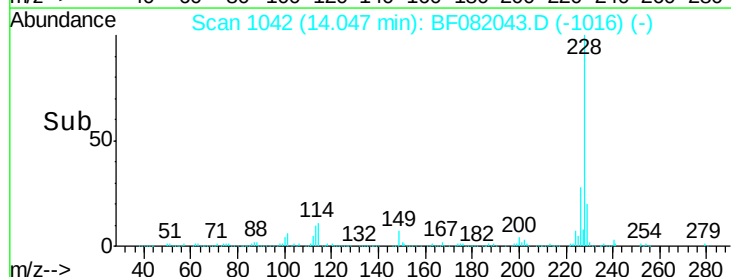
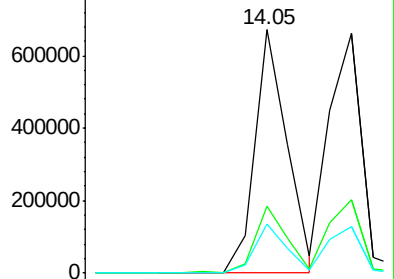
229 20.0 15.4 23.2

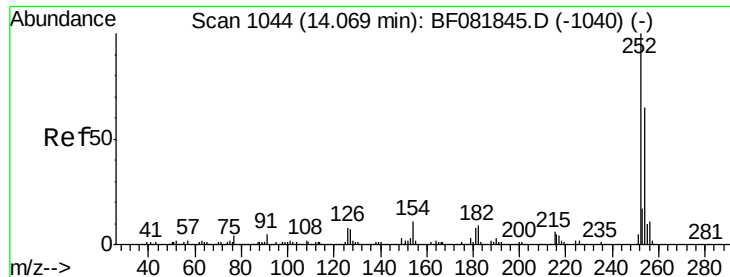


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

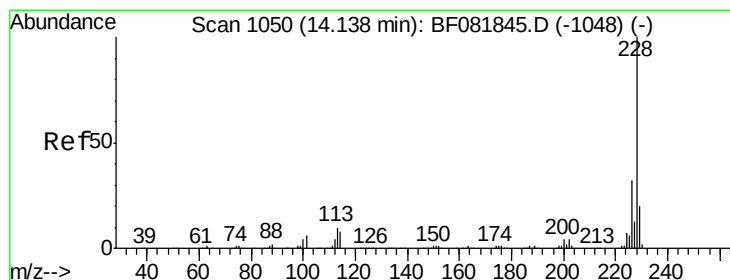
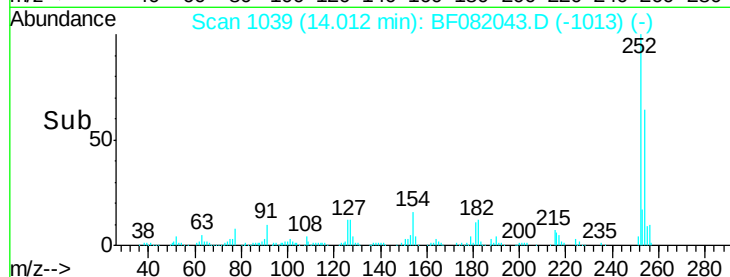
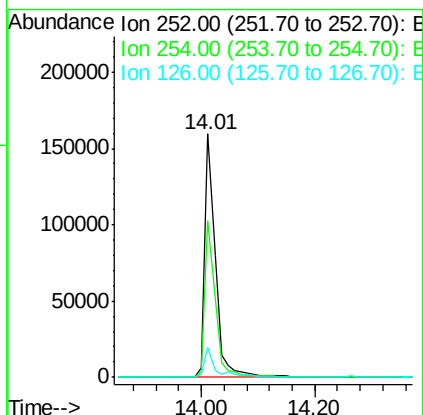
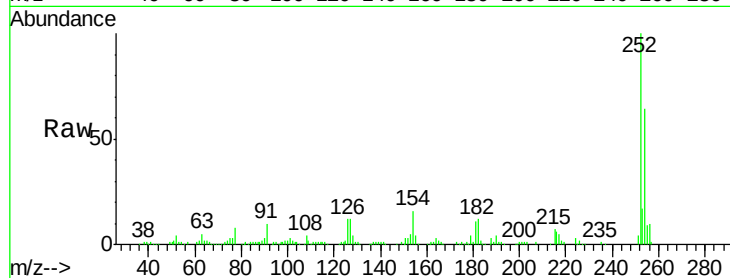




#81
 3,3'-Dichlorobenzidine
 Concen: 33.52 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

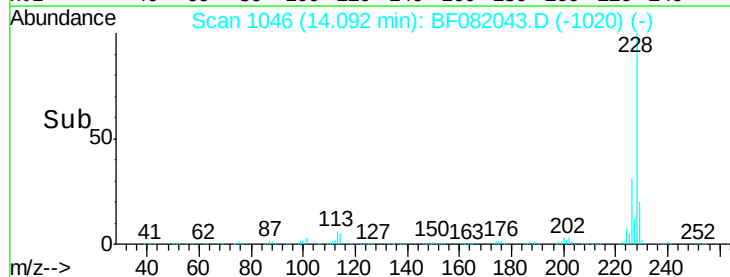
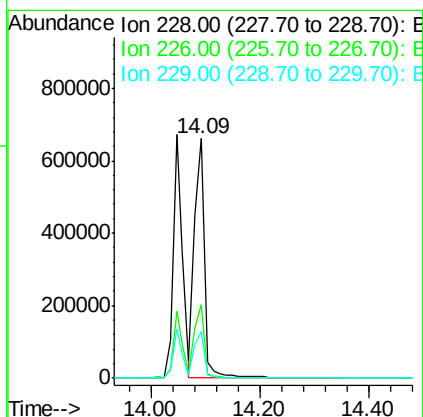
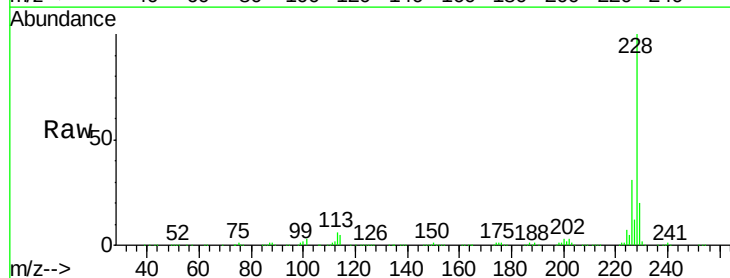
Instrument :
 BNA_F
 ClientSampleId :
 PB85905BS

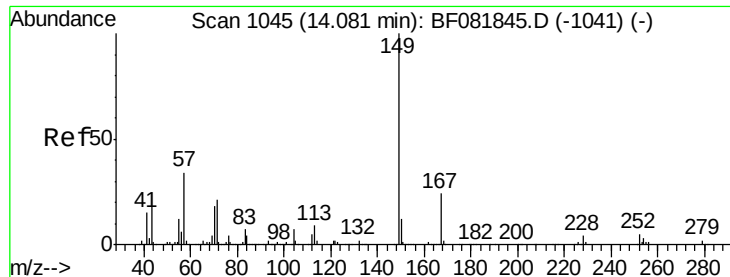
Tgt Ion:252 Resp: 198036
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.4 77.2
 126 12.3 16.4 24.6#



#82
 Chrysene
 Concen: Below Cal
 RT: 14.09 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

Tgt Ion:228 Resp: 844205
 Ion Ratio Lower Upper
 228 100
 226 30.9 21.0 31.4
 229 19.7 15.6 23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 57.16 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB85905BS

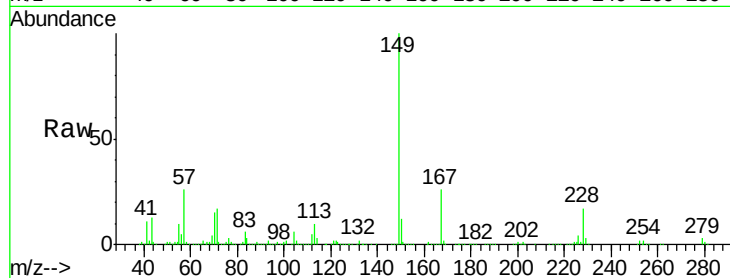
Tgt Ion:149 Resp: 523512

Ion Ratio Lower Upper

149 100

167 26.1 24.2 36.2

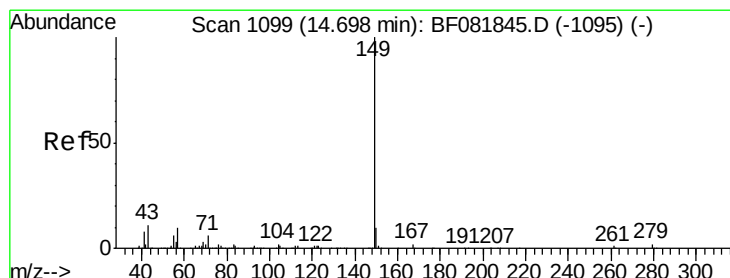
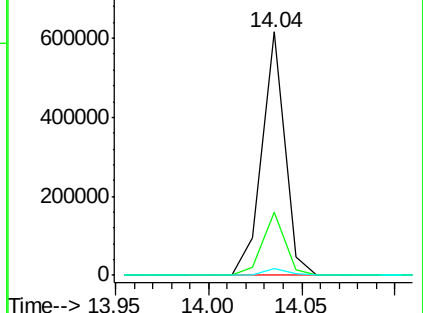
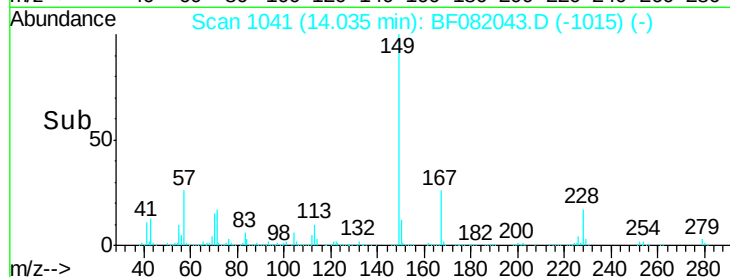
279 2.9 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 60.47 ng

RT: 14.65 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

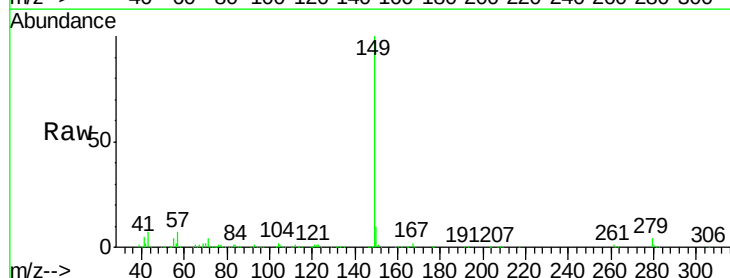
Tgt Ion:149 Resp: 901399

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

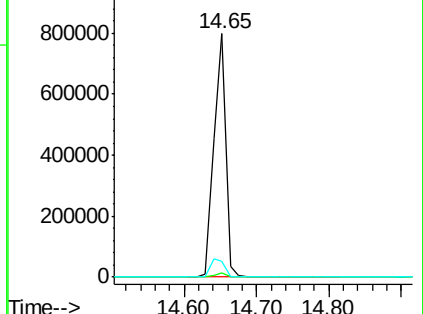
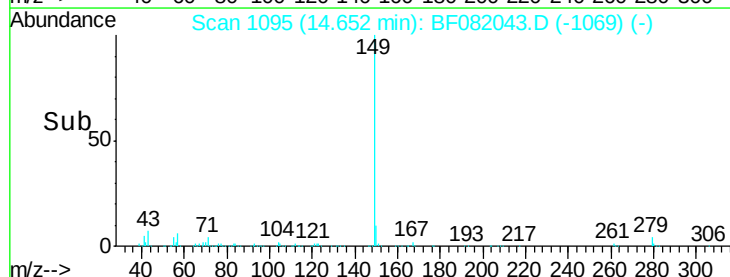
43 9.1 10.2 15.2#

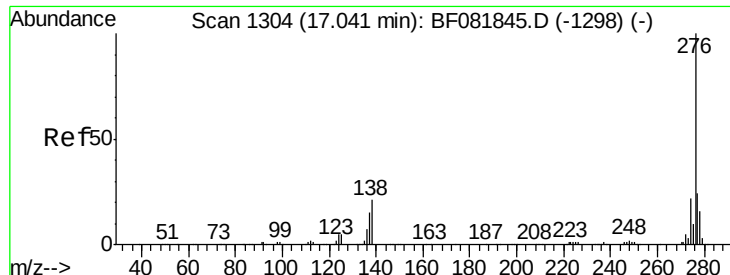


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

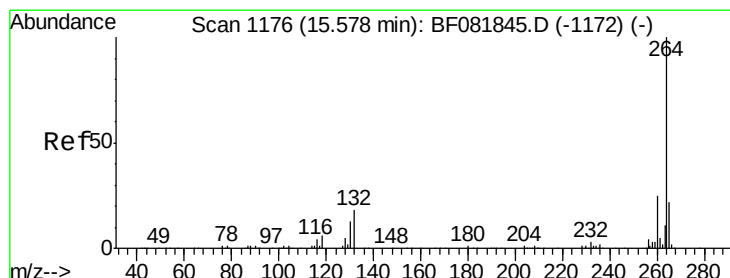
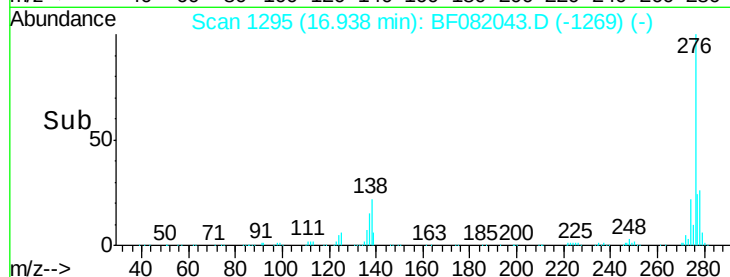
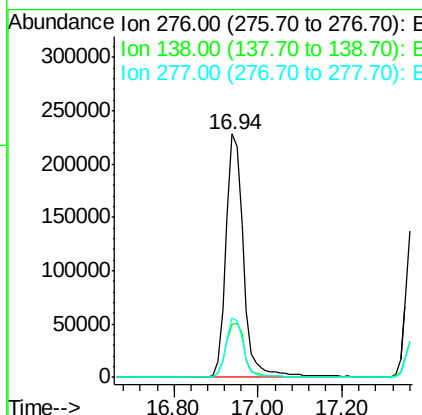
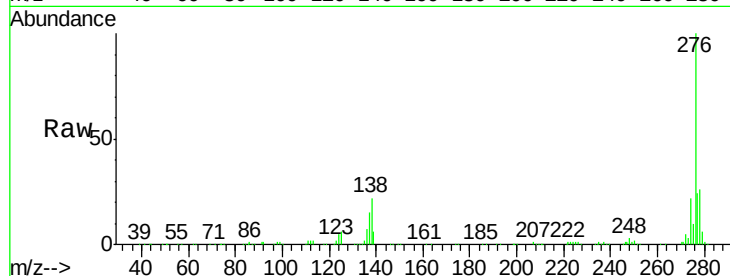




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.64 ng
 RT: 16.94 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

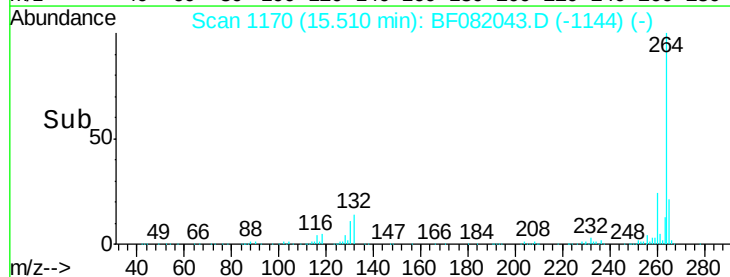
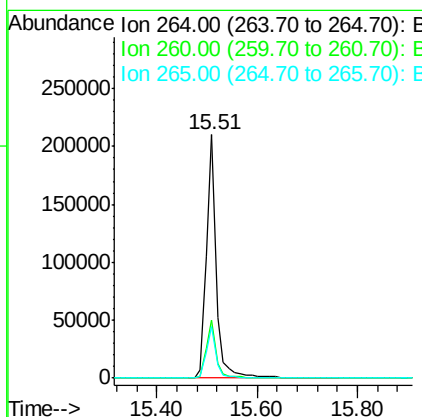
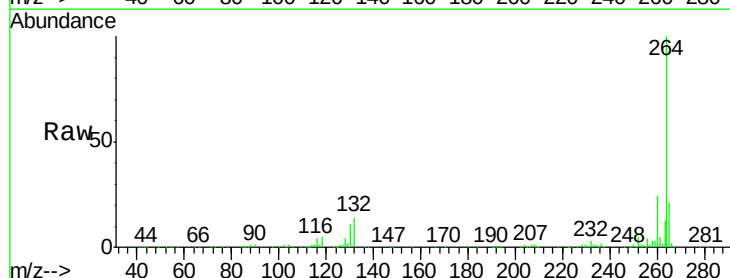
Instrument :
 BNA_F
 ClientSampleId :
 PB85905BS

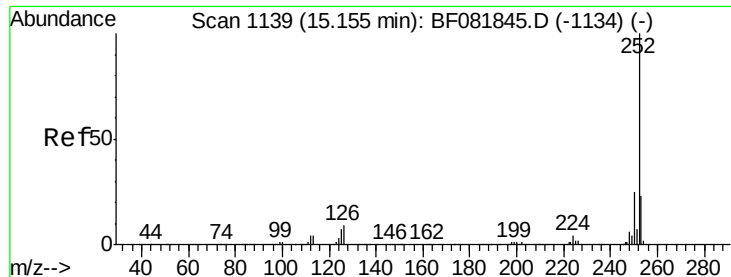
Tgt Ion: 276 Resp: 665606
 Ion Ratio Lower Upper
 276 100
 138 24.1 25.7 38.5#
 277 24.8 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF082043.D
 Acq: 5 Oct 2015 13:51

Tgt Ion: 264 Resp: 289335
 Ion Ratio Lower Upper
 264 100
 260 23.7 16.7 25.1
 265 21.1 17.2 25.8

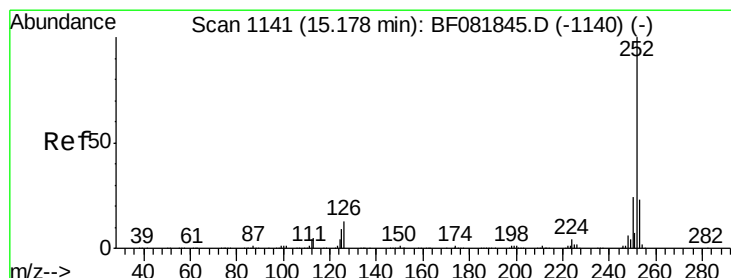
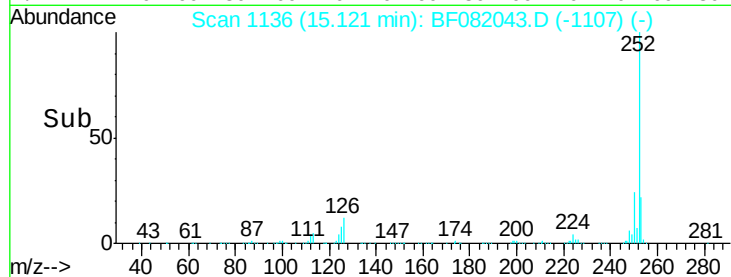
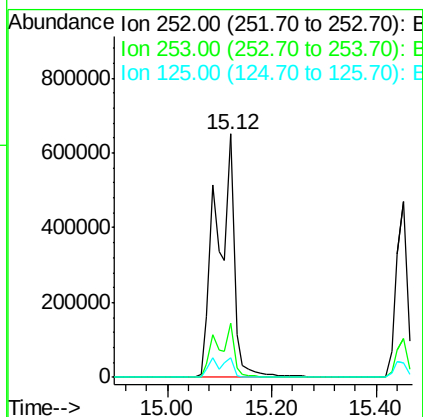
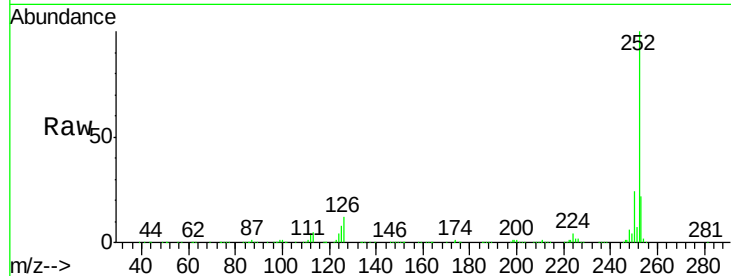




#87
Benzo(b)fluoranthene
Concen: 92.08 ng
RT: 15.12 min Scan# 1136
Delta R.T. 0.03 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

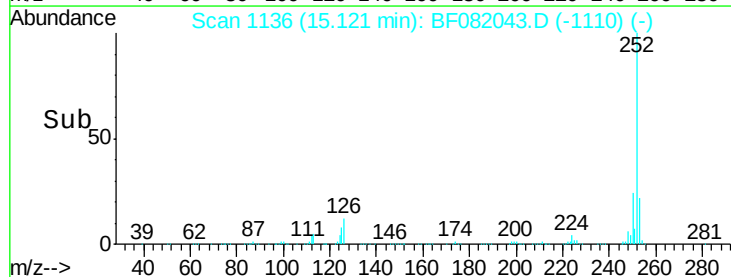
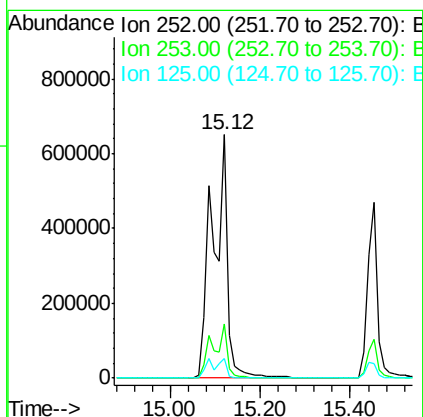
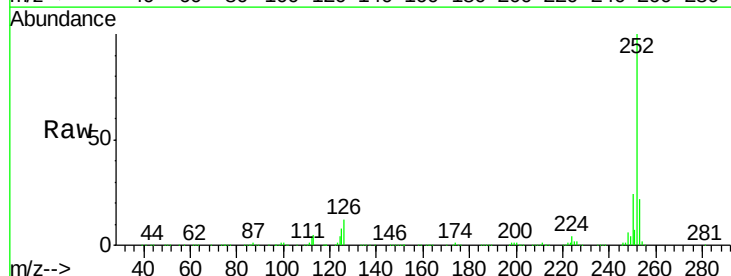
Instrument :
BNA_F
ClientSampleId :
PB85905BS

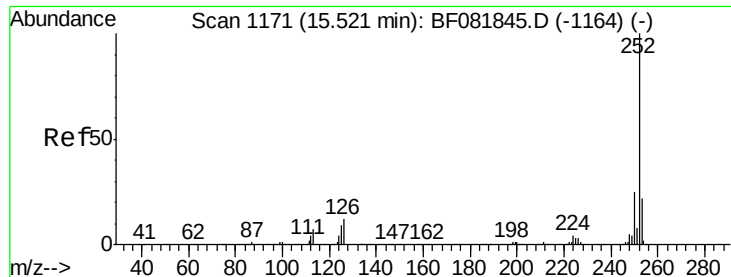
Tgt Ion:252 Resp: 1521168
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 7.9 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 100.73 ng
RT: 15.12 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF082043.D
Acq: 5 Oct 2015 13:51

Tgt Ion:252 Resp: 1525053
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 7.9 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 50.48 ng

RT: 15.45 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB85905BS

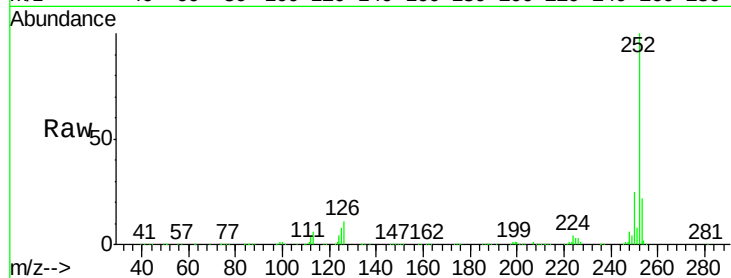
Tgt Ion:252 Resp: 723305

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

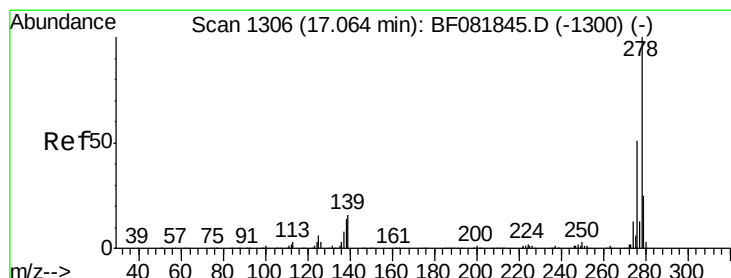
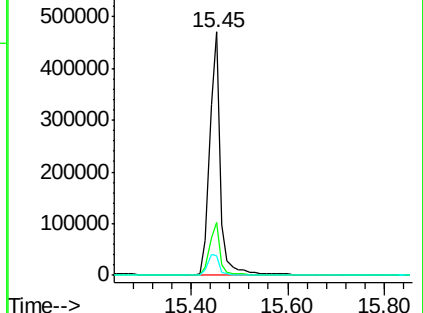
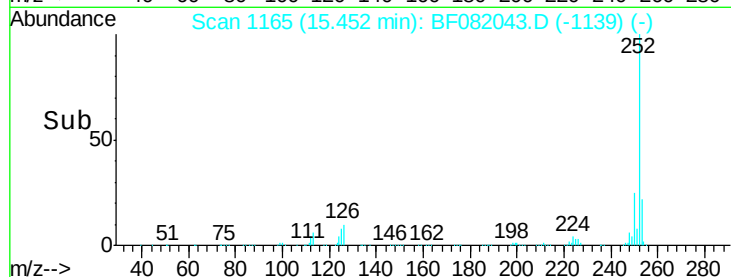
125 8.2 18.0 27.0#



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: 45.80 ng

RT: 16.96 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF082043.D

Acq: 5 Oct 2015 13:51

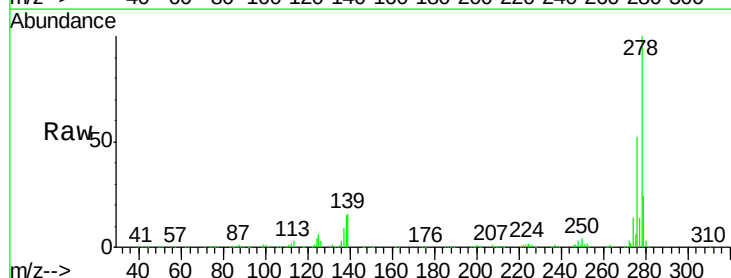
Tgt Ion:278 Resp: 550592

Ion Ratio Lower Upper

278 100

139 15.6 26.3 39.5#

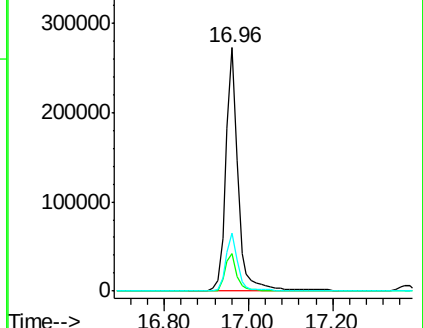
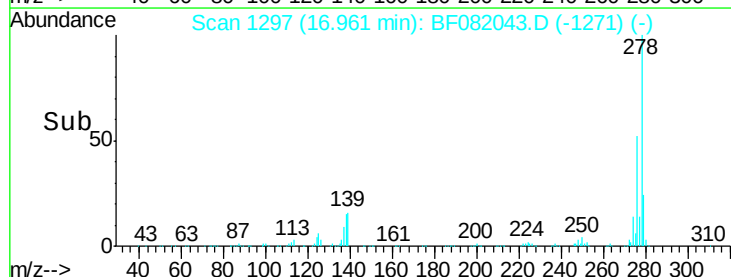
279 23.6 18.2 27.4

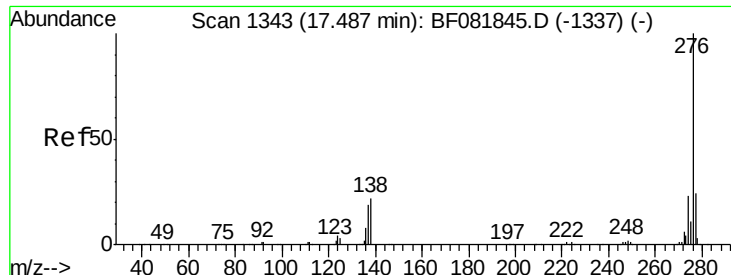


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.85 ng

RT: 17.37 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF082043.D

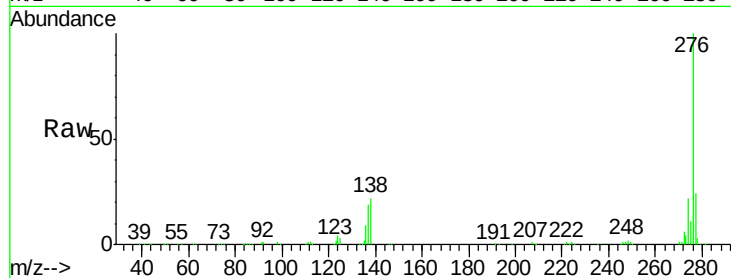
Acq: 5 Oct 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB85905BS



Tgt Ion:	276	Resp:	527868
Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.8	26.6
138	22.2	34.6	51.8#

