

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
 Data File : BF081853.D
 Acq On : 28 Sep 2015 20:14
 Operator : UM/IZ
 Sample : PB85767BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

Quant Time: Sep 29 02:18:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	118594	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	468190	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	225609	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	421469	20.00	ng	0.00
75) Chrysene-d12	14.12	240	370658	20.00	ng	0.00
86) Perylene-d12	15.58	264	320467	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	476176	72.89	ng	0.01
7) Phenol-d6	6.56	99	602644	73.31	ng	0.00
23) Nitrobenzene-d5	7.50	82	501505	71.40	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	169129	74.02	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1059658	77.21	ng	0.00
78) Terphenyl-d14	13.05	244	911592	77.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	85583	30.12	ng	91
3) Pyridine	3.37	79	221592	29.96	ng	84
4) n-Nitrosodimethylamine	3.33	42	109390	32.56	ng	96
6) Aniline	6.59	93	240737	21.80	ng	# 83
8) 2-Chlorophenol	6.71	128	265379	36.79	ng	83
9) Benzaldehyde	6.48	77	80639	14.98	ng	# 84
10) Phenol	6.57	94	342137	37.10	ng	73
11) bis(2-Chloroethyl)ether	6.66	93	258586	36.16	ng	97
12) 1,3-Dichlorobenzene	6.87	146	304252	35.70	ng	# 94
13) 1,4-Dichlorobenzene	6.95	146	316697	35.59	ng	# 94
14) 1,2-Dichlorobenzene	6.95	146	318701	40.19	ng	96
15) Benzyl Alcohol	7.07	79	220028	37.08	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.21	45	386023	38.18	ng	79
17) 2-Methylphenol	7.19	107	218662	37.38	ng	# 87
18) Hexachloroethane	7.44	117	99692	35.79	ng	# 86
19) n-Nitroso-di-n-propylamine	7.35	70	179758	35.98	ng	# 77
20) 3+4-Methylphenols	7.34	107	275435	37.28	ng	# 59
22) Acetophenone	7.35	105	358726	37.47	ng	# 83
24) Nitrobenzene	7.52	77	283844	37.22	ng	# 74
25) Isophorone	7.75	82	494810	35.54	ng	# 86
26) 2-Nitrophenol	7.84	139	141399	38.62	ng	# 81
27) 2,4-Dimethylphenol	7.87	122	245454	38.11	ng	# 85
28) bis(2-Chloroethoxy)methane	7.97	93	299099	36.18	ng	# 92
29) 2,4-Dichlorophenol	8.08	162	239951	38.42	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	256331	36.77	ng	99
31) Naphthalene	8.24	128	754653	36.38	ng	97
32) Benzoic acid	7.99	122	117190	33.11	ng	# 68
33) 4-Chloroaniline	8.30	127	127324	14.19	ng	# 93
34) Hexachlorobutadiene	8.35	225	149070	36.15	ng	99
35) Caprolactam	8.66	113	68759	39.77	ng	97
36) 4-Chloro-3-methylphenol	8.78	107	246647	40.39	ng	87
37) 2-Methylnaphthalene	8.94	142	536233	37.87	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	251353	36.29	ng	99
40) Hexachlorocyclopentadiene	9.09	237	311930	87.45	ng	97

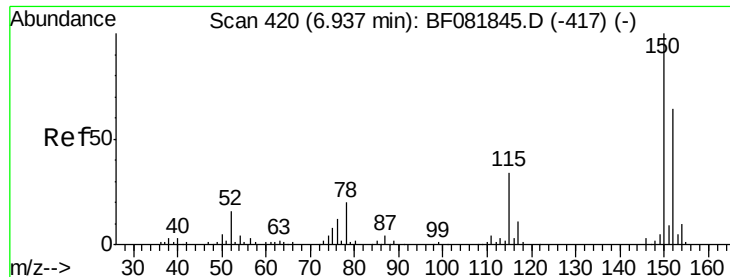
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	170529	35.91	ng	100
43) 2,4,5-Trichlorophenol	9.26	196	188136	38.53	ng	96
45) 1,1'-Biphenyl	9.41	154	625396	35.93	ng	95
46) 2-Chloronaphthalene	9.43	162	512145	37.47	ng	98
47) 2-Nitroaniline	9.52	65	145717	36.32	ng	# 65
48) Acenaphthylene	9.84	152	785567	35.91	ng	96
49) Dimethylphthalate	9.70	163	611465	39.26	ng	# 98
50) 2,6-Dinitrotoluene	9.76	165	127341	37.66	ng	# 52
51) Acenaphthene	10.01	154	522751	40.24	ng	89
52) 3-Nitroaniline	9.94	138	83479	21.34	ng	# 93
53) 2,4-Dinitrophenol	10.05	184	104740	69.80	ng	# 78
54) Dibenzofuran	10.18	168	690336	37.61	ng	# 88
55) 4-Nitrophenol	10.09	139	210689	74.55	ng	# 43
56) 2,4-Dinitrotoluene	10.17	165	182064	42.24	ng	# 94
57) Fluorene	10.53	166	515892	39.01	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.30	232	153325	39.58	ng	95
59) Diethylphthalate	10.40	149	556128	38.23	ng	99
60) 4-Chlorophenyl-phenylether	10.53	204	251611	37.44	ng	92
61) 4-Nitroaniline	10.55	138	134184	34.21	ng	# 44
62) Azobenzene	10.67	77	537202	37.84	ng	87
64) 4,6-Dinitro-2-methylphenol	10.57	198	76600	41.42	ng	95
65) n-Nitrosodiphenylamine	10.64	169	479275	37.58	ng	92
66) 4-Bromophenyl-phenylether	11.02	248	164028	38.60	ng	# 82
67) Hexachlorobenzene	11.07	284	187448	39.08	ng	# 80
68) Atrazine	11.17	200	154167	38.96	ng	84
69) Pentachlorophenol	11.27	266	212562	77.79	ng	100
70) Phenanthrene	11.50	178	841213	41.34	ng	96
71) Anthracene	11.54	178	817362	38.16	ng	97
72) Carbazole	11.70	167	777044	40.08	ng	96
73) Di-n-butylphthalate	12.02	149	806376	40.71	ng	# 98
74) Fluoranthene	12.68	202	835148	36.99	ng	94
76) Benzidine	12.81	184	256397	22.96	ng	98
77) Pyrene	12.92	202	906146	40.92	ng	96
79) Butylbenzylphthalate	13.53	149	336565	40.39	ng	# 93
80) Benzo(a)anthracene	14.10	228	762149	38.18	ng	95
81) 3,3'-Dichlorobenzidine	14.07	252	141728	21.02	ng	# 90
82) Chrysene	14.10	228	762149	42.59	ng	97
83) Bis(2-ethylhexyl)phthalate	14.08	149	424967	40.66	ng	# 89
84) Di-n-octyl phthalate	14.70	149	670280	39.41	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.04	276	604622	38.72	ng	# 86
87) Benzo(b)fluoranthene	15.16	252	730162	39.91	ng	# 85
88) Benzo(k)fluoranthene	15.16	252	730162	43.54	ng	# 85
89) Benzo(a)pyrene	15.52	252	632761	39.87	ng	# 84
90) Dibenzo(a,h)anthracene	17.06	278	487438	36.61	ng	# 80
91) Benzo(g,h,i)perylene	17.49	276	504127	36.94	ng	# 77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. 0.00 min

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PB85767BS

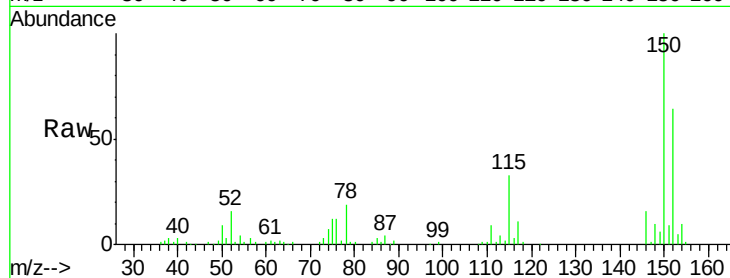
Tgt Ion:152 Resp: 118594

Ion Ratio Lower Upper

152 100

150 157.0 124.7 187.1

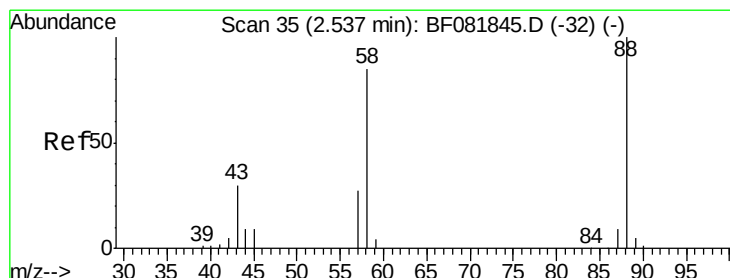
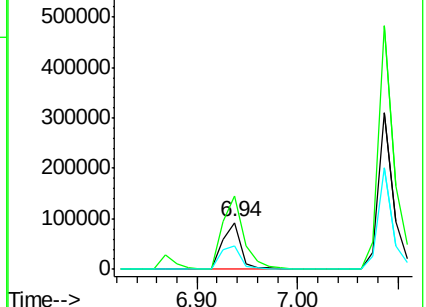
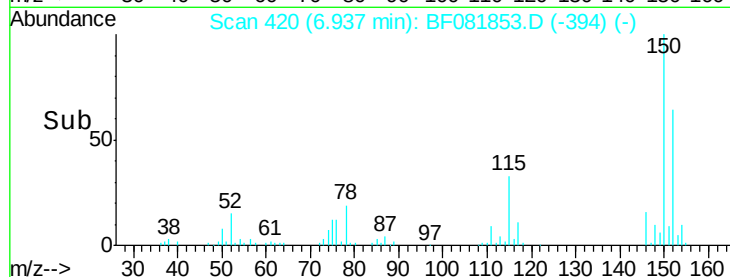
115 51.3 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.12 ng

RT: 2.62 min Scan# 42

Delta R.T. 0.08 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

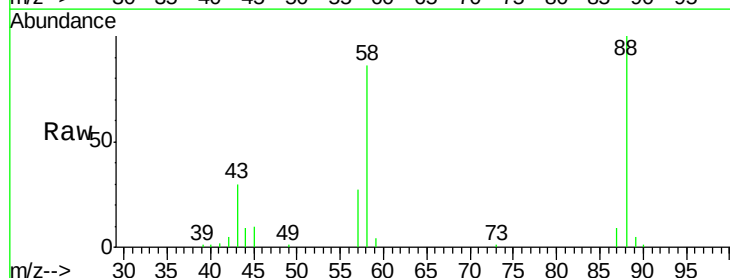
Tgt Ion: 88 Resp: 85583

Ion Ratio Lower Upper

88 100

58 86.5 77.7 116.5

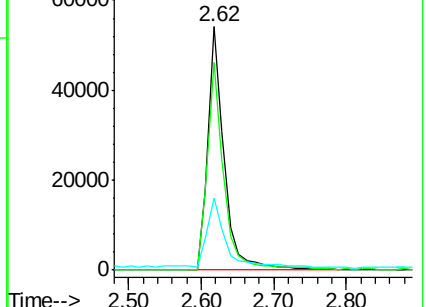
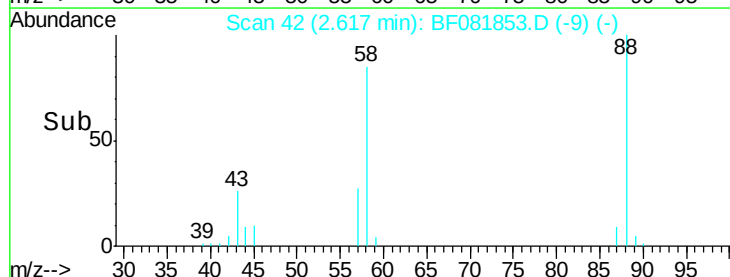
43 31.6 26.6 40.0

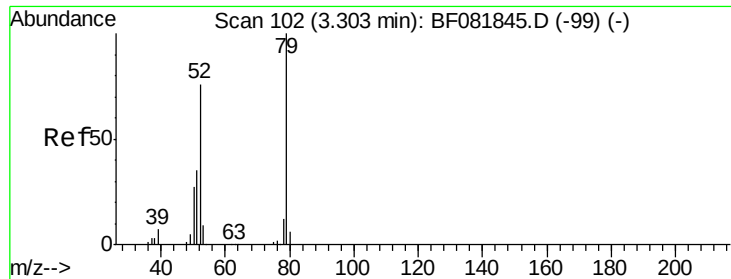


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.96 ng

RT: 3.37 min Scan# 108

Delta R.T. 0.07 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

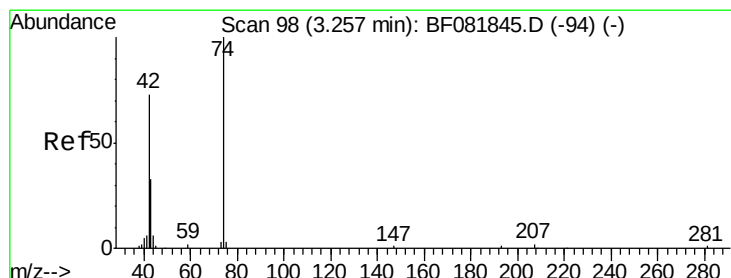
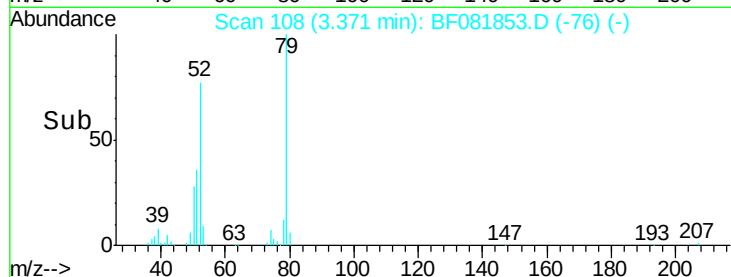
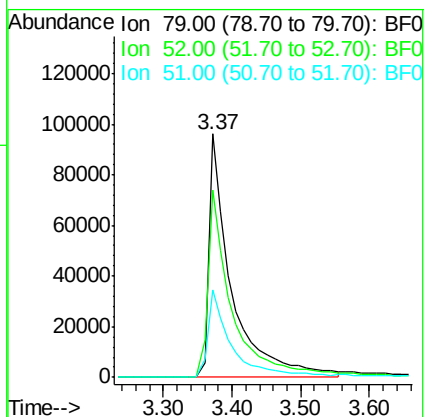
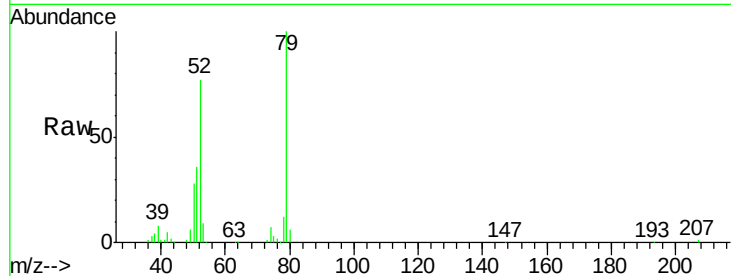
Tgt Ion: 79 Resp: 221592

Ion Ratio Lower Upper

79 100

52 77.0 76.8 115.2

51 36.2 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 32.56 ng

RT: 3.33 min Scan# 104

Delta R.T. 0.07 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

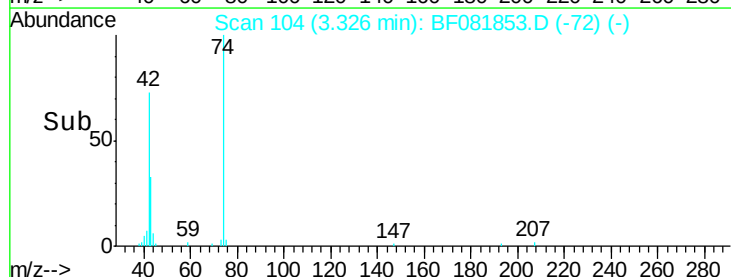
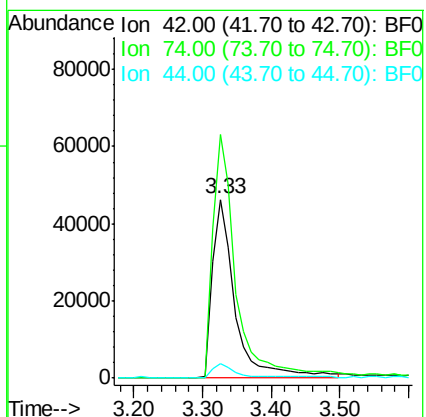
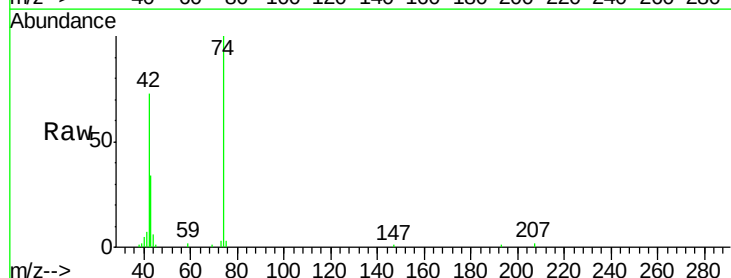
Tgt Ion: 42 Resp: 109390

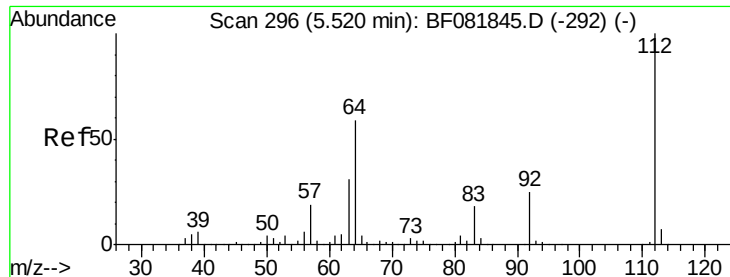
Ion Ratio Lower Upper

42 100

74 136.1 105.0 157.6

44 7.9 6.6 10.0





#5

2-Fluorophenol

Concen: 72.89 ng

RT: 5.53 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

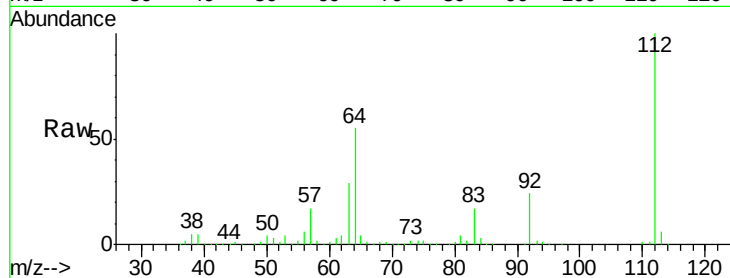
Tgt Ion: 112 Resp: 476176

Ion Ratio Lower Upper

112 100

64 54.7 39.7 59.5

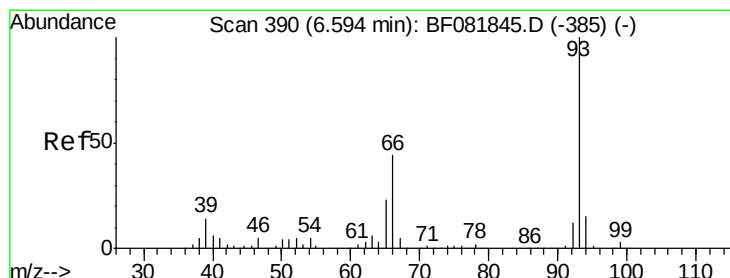
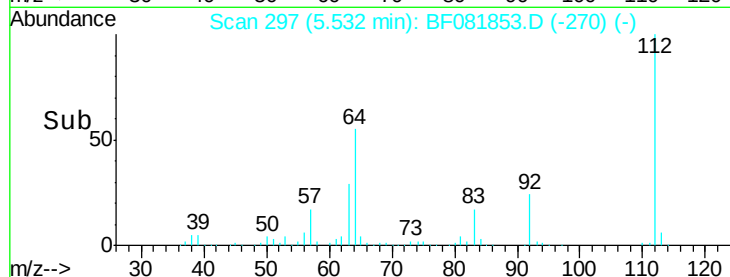
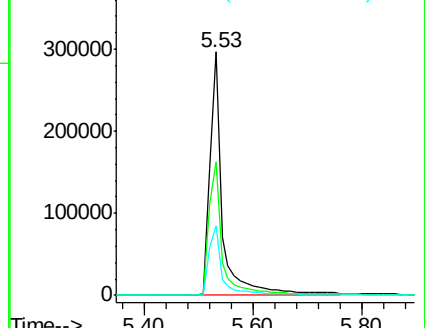
63 28.5 17.4 26.0#



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: 21.80 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

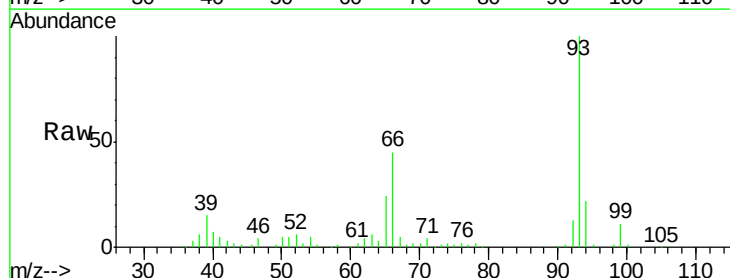
Tgt Ion: 93 Resp: 240737

Ion Ratio Lower Upper

93 100

66 45.4 27.2 40.8#

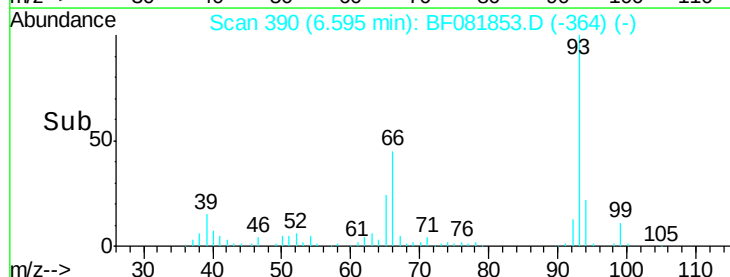
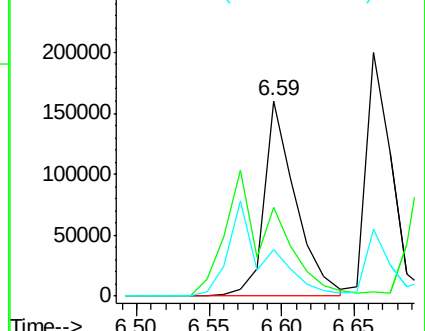
65 24.0 14.7 22.1#

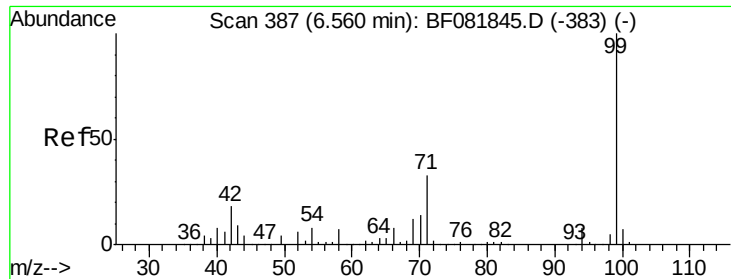


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 73.31 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.00 min

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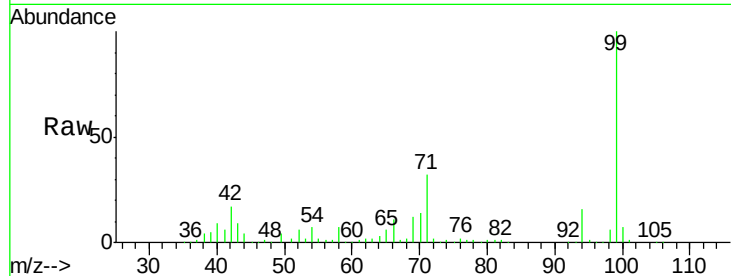
Tgt Ion: 99 Resp: 602644

Ion Ratio Lower Upper

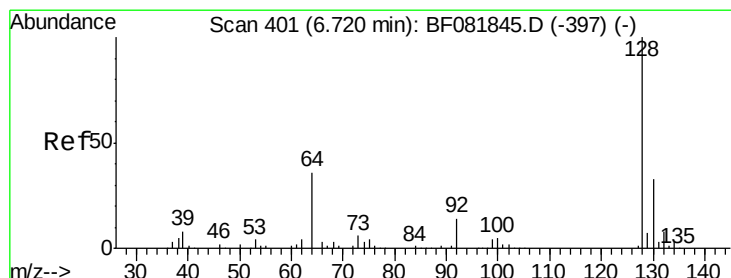
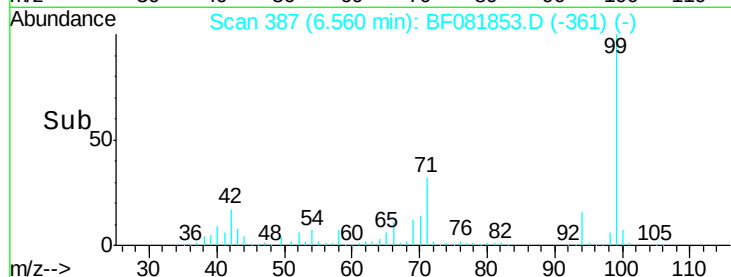
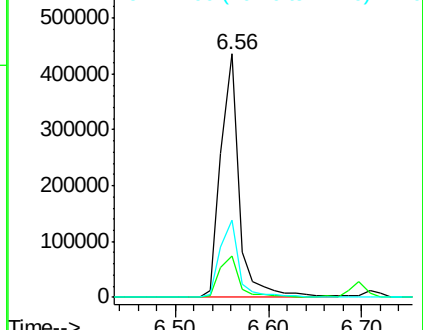
99 100

42 17.0 13.7 20.5

71 31.8 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.79 ng

RT: 6.71 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

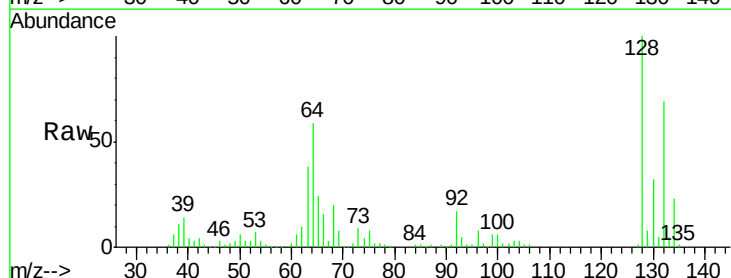
Tgt Ion: 128 Resp: 265379

Ion Ratio Lower Upper

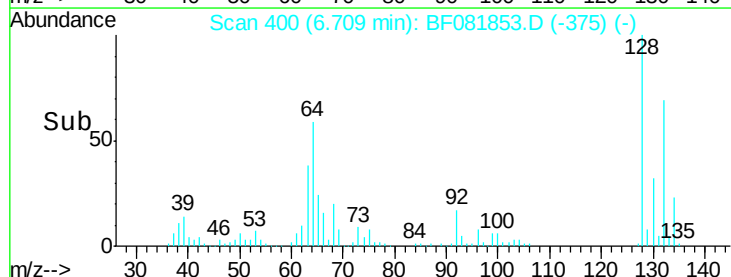
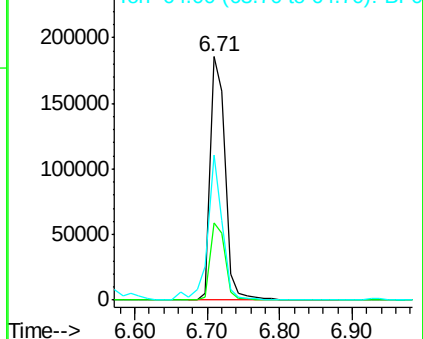
128 100

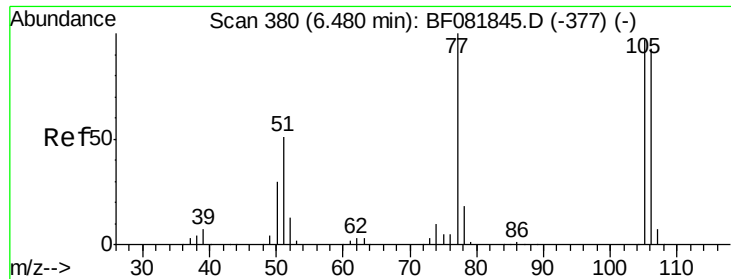
130 32.0 12.2 52.2

64 59.3 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: 14.98 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

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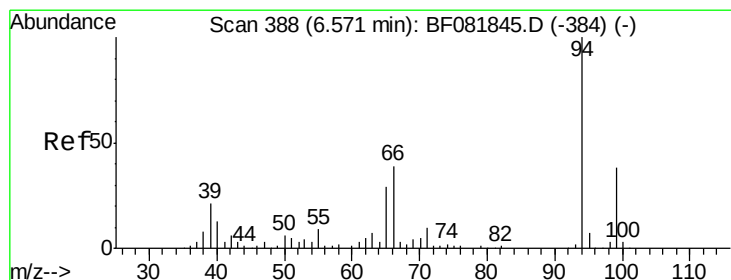
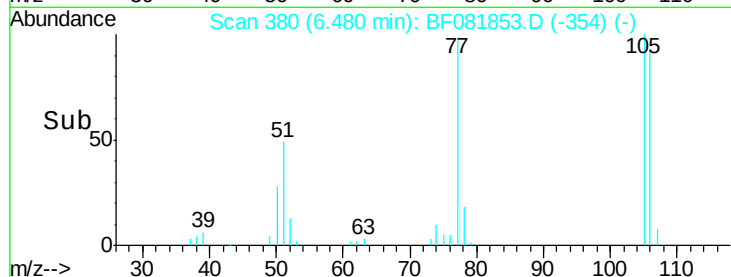
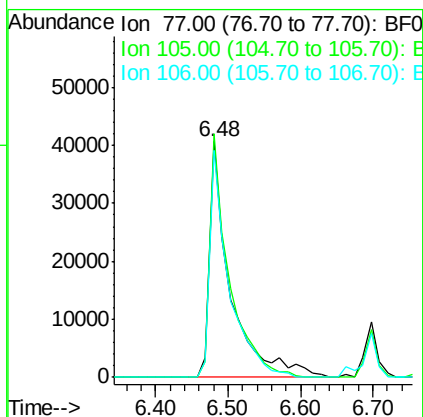
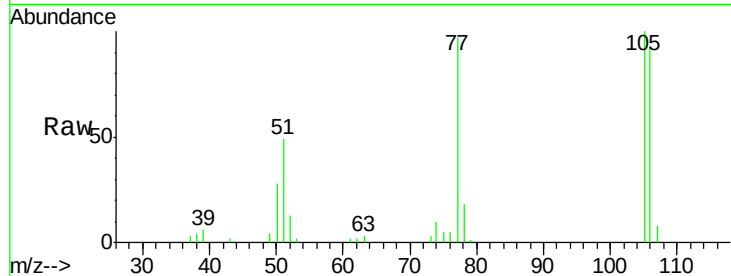
Tgt Ion: 77 Resp: 80639

Ion Ratio Lower Upper

77 100

105 103.2 91.6 131.6

106 96.4 102.6 142.6#



#10

Phenol

Concen: 37.10 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

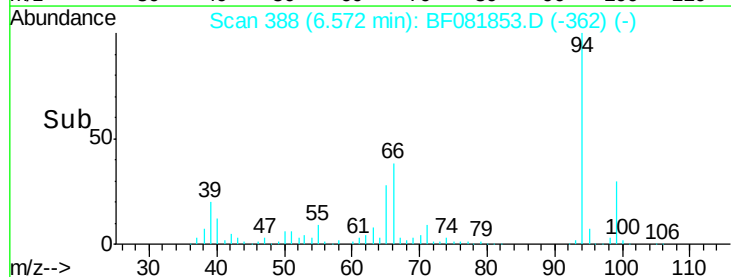
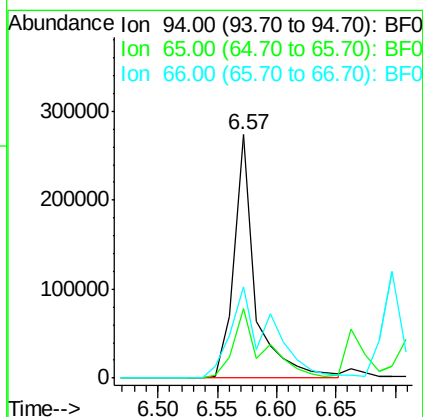
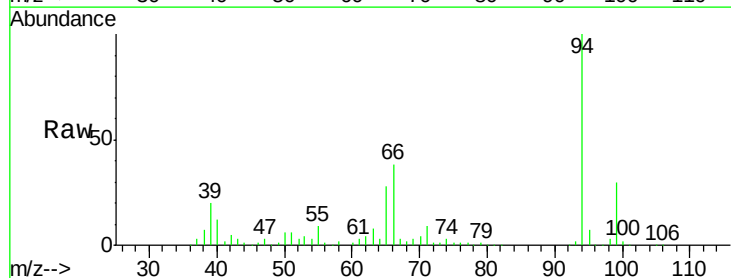
Tgt Ion: 94 Resp: 342137

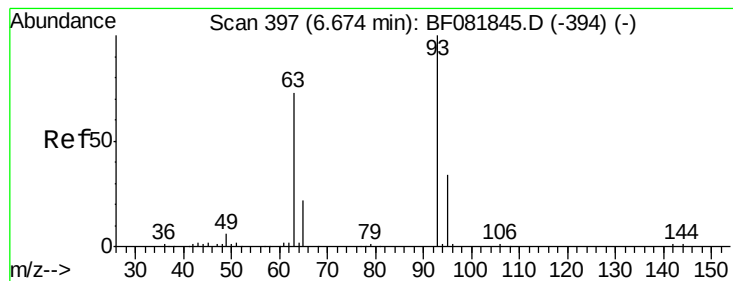
Ion Ratio Lower Upper

94 100

65 28.5 0.7 40.7

66 37.7 0.8 40.8

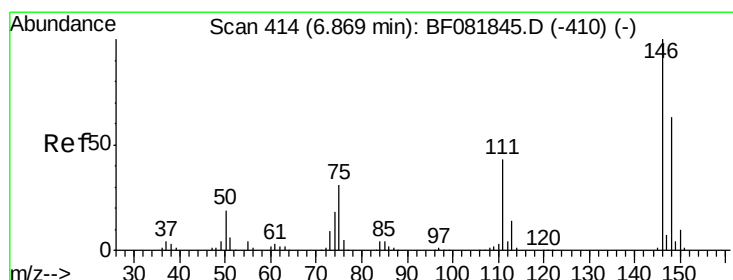
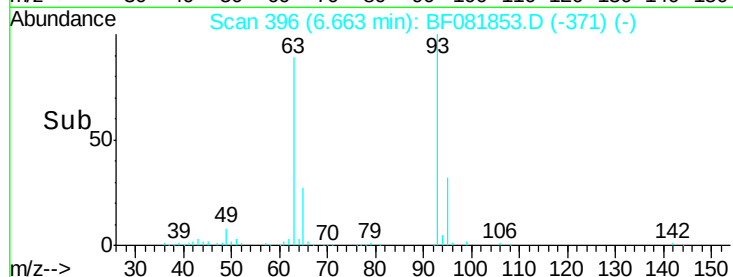
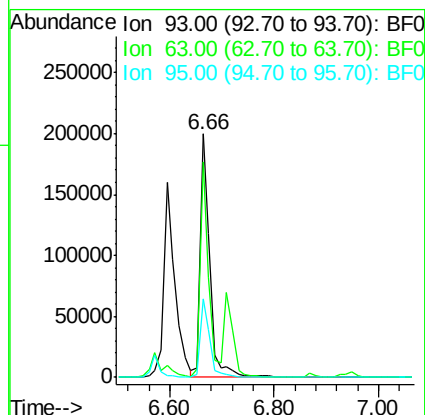
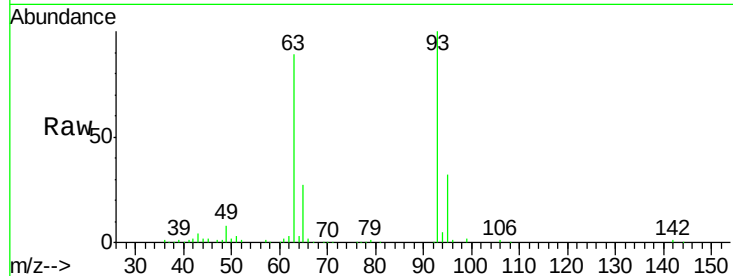




#11
 bis(2-Chloroethyl)ether
 Concen: 36.16 ng
 RT: 6.66 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

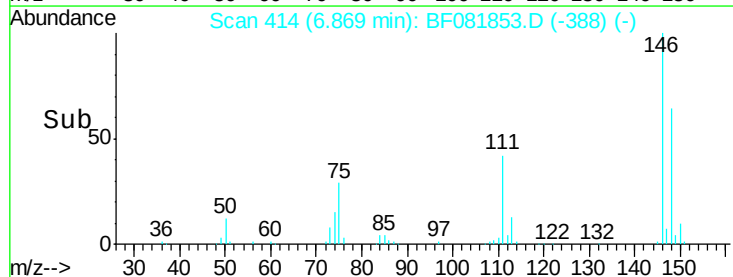
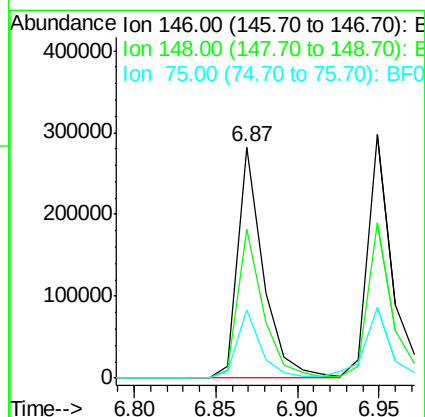
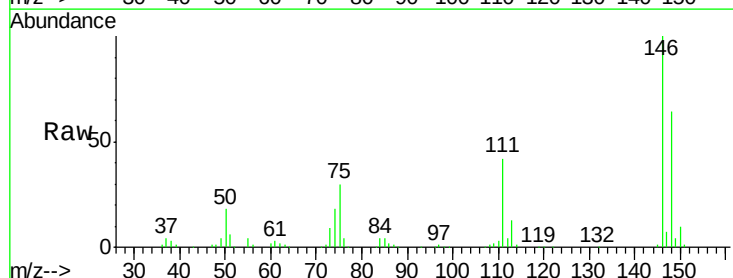
Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

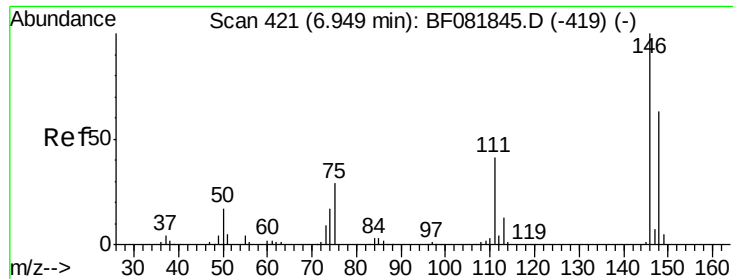
Tgt Ion: 93 Resp: 258586
 Ion Ratio Lower Upper
 93 100
 63 88.7 65.6 105.6
 95 32.1 13.6 53.6



#12
 1,3-Dichlorobenzene
 Concen: 35.70 ng
 RT: 6.87 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion: 146 Resp: 304252
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.0 76.4
 75 29.7 15.0 22.6#

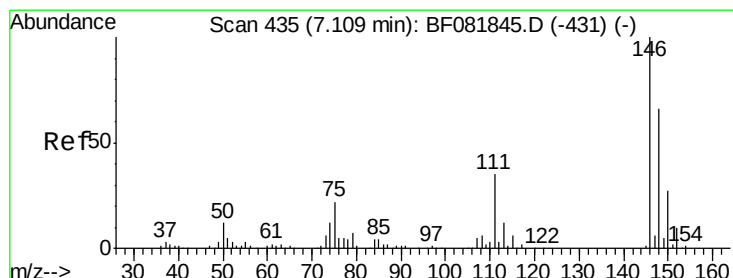
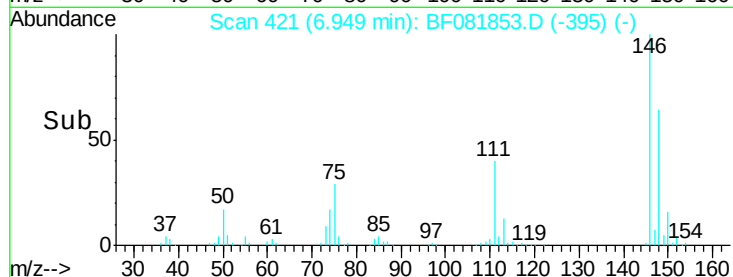
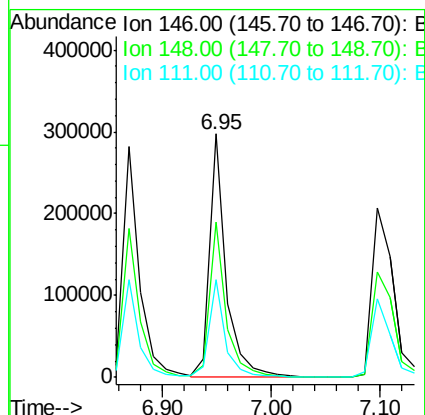
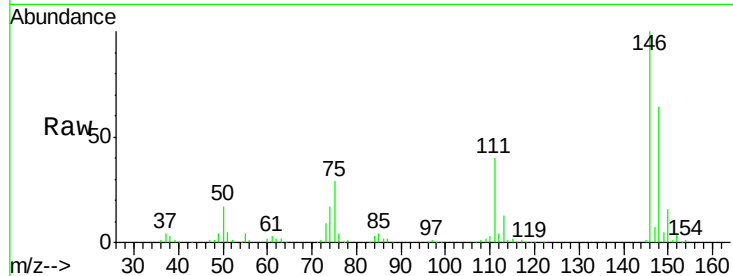




#13
 1,4-Dichlorobenzene
 Concen: 35.59 ng
 RT: 6.95 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

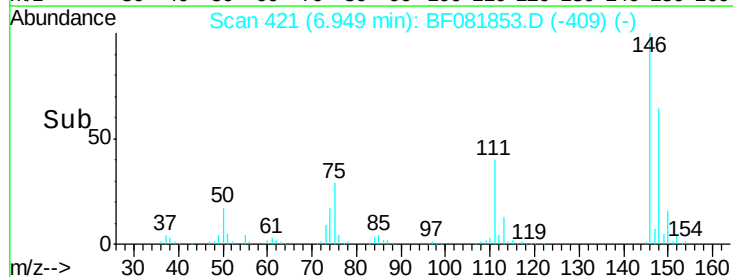
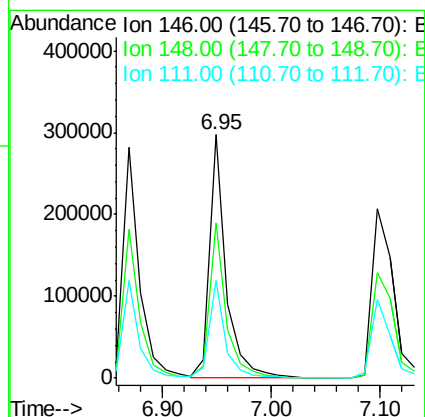
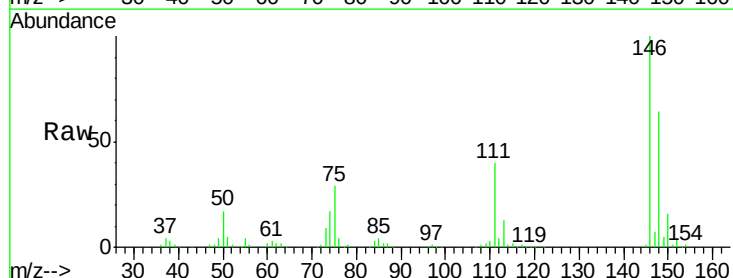
Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

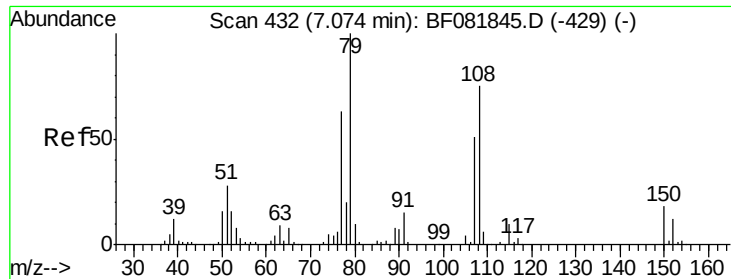
Tgt Ion:146 Resp: 316697
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.8 77.6
 111 40.2 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 40.19 ng
 RT: 6.95 min Scan# 421
 Delta R.T. -0.16 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion:146 Resp: 318701
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.7 79.1
 111 40.2 28.8 43.2

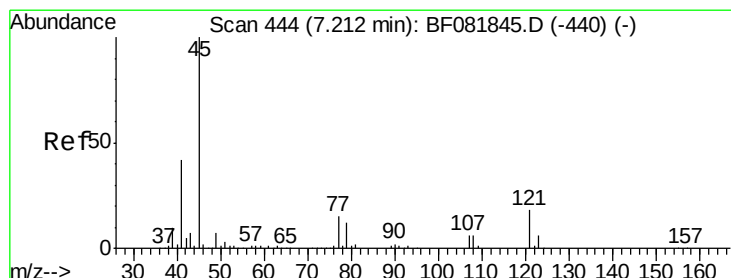
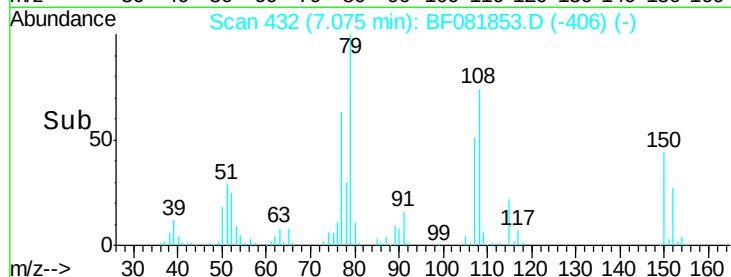
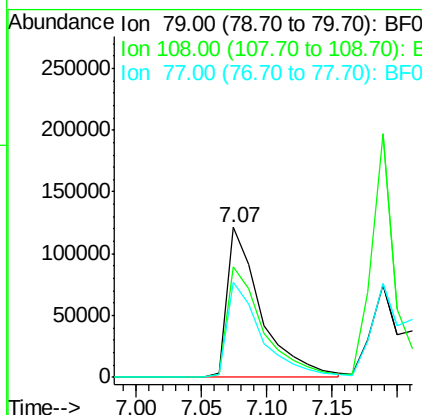
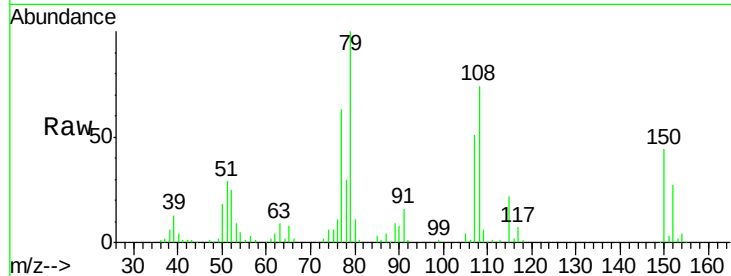




#15
Benzyl Alcohol
Concen: 37.08 ng
RT: 7.07 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

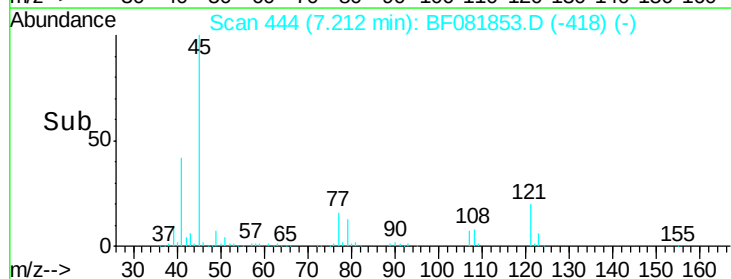
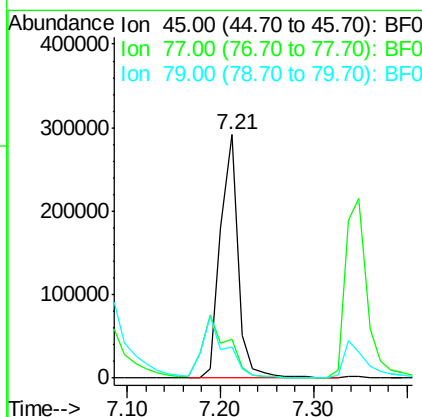
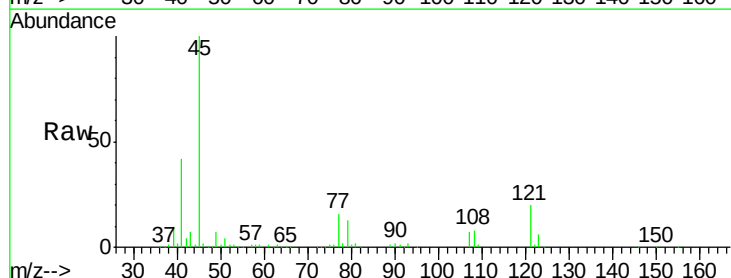
Instrument :
BNA_F
ClientSampleId :
PB85767BS

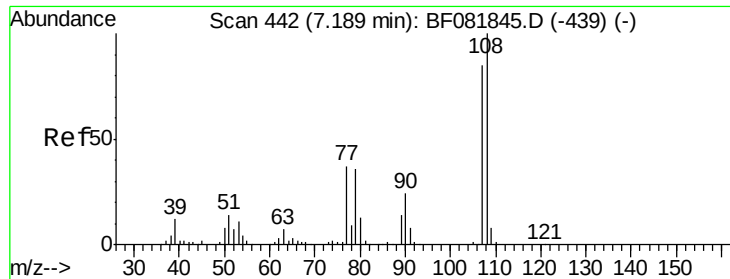
Tgt Ion: 79 Resp: 220028
Ion Ratio Lower Upper
79 100
108 73.8 88.6 132.8#
77 63.5 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.18 ng
RT: 7.21 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion: 45 Resp: 386023
Ion Ratio Lower Upper
45 100
77 15.9 0.0 28.1
79 12.9 0.0 26.0

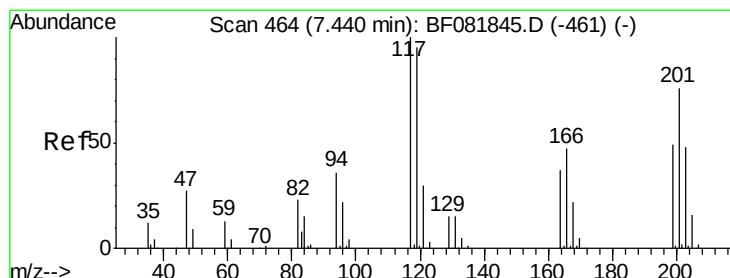
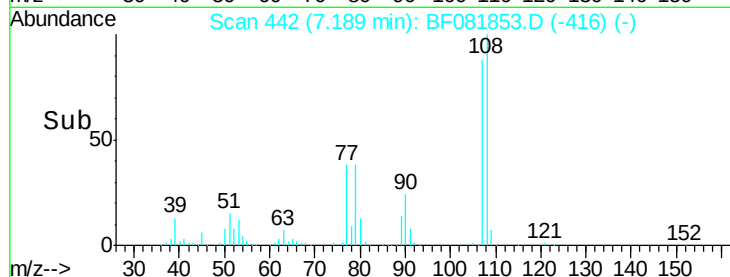
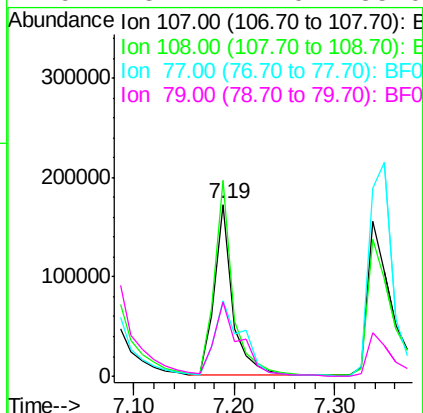
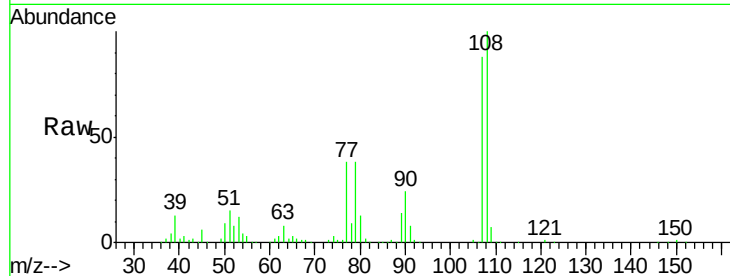




#17
2-Methylphenol
Concen: 37.38 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

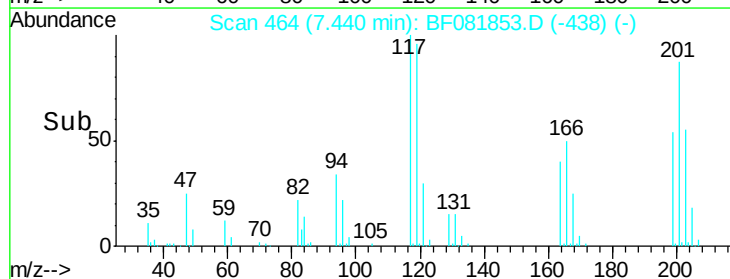
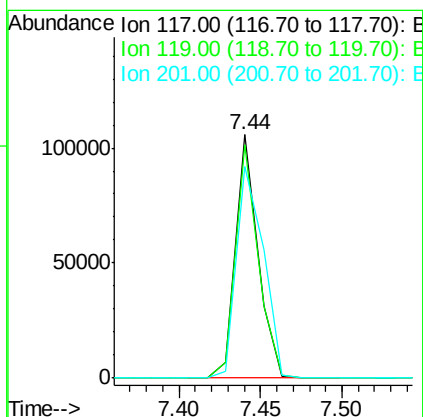
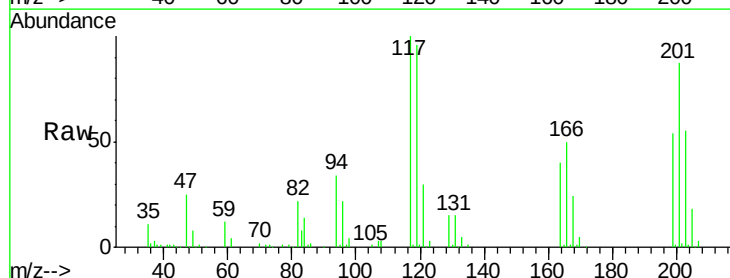
Instrument :
BNA_F
ClientSampleId :
PB85767BS

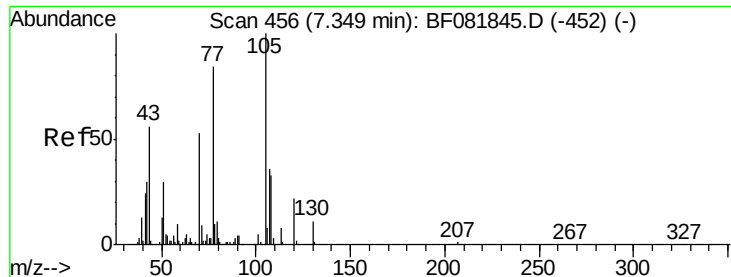
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.9	96.6	145.0
77	43.7	23.3	34.9#
79	43.1	22.0	33.0#



#18
Hexachloroethane
Concen: 35.79 ng
RT: 7.44 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	83.8	125.6
201	86.9	55.1	82.7#

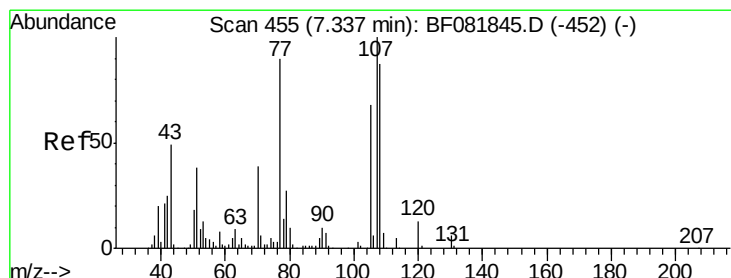
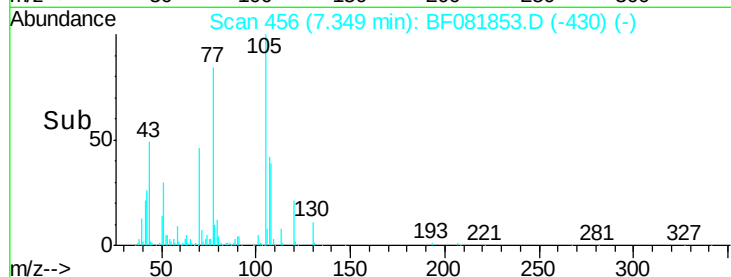
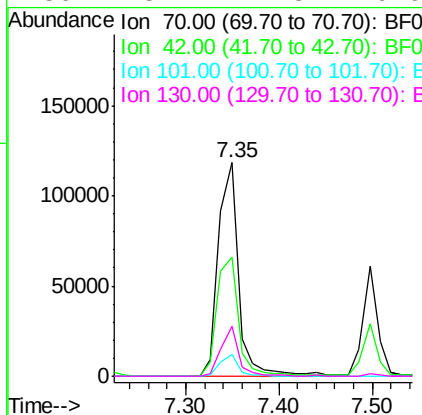
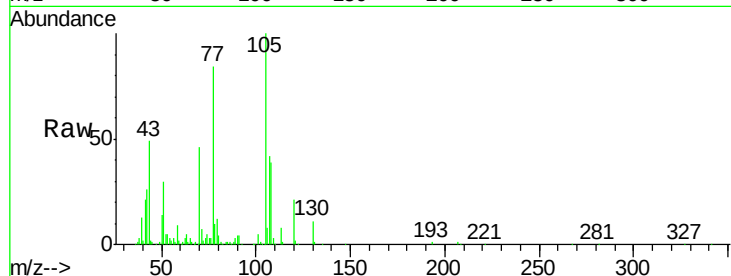




#19
 n-Nitroso-di-n-propylamine
 Concen: 35.98 ng
 RT: 7.35 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

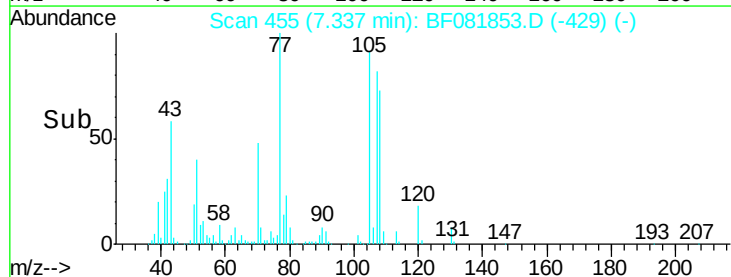
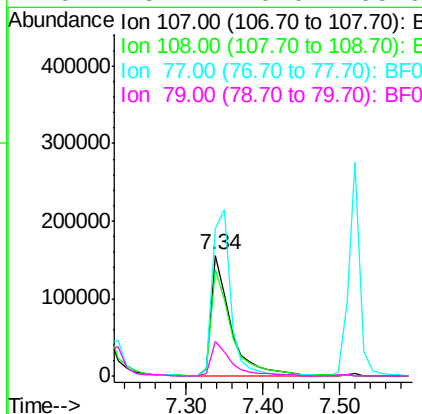
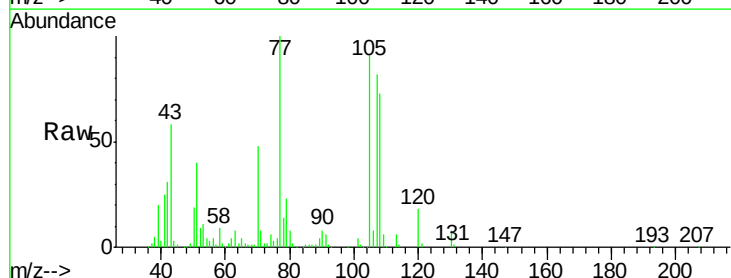
Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

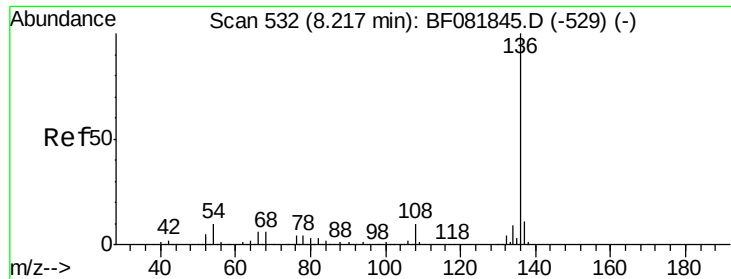
Tgt Ion:	70	Resp:	179758
Ion	Ratio	Lower	Upper
70	100		
42	55.5	63.8	95.6#
101	10.3	9.2	13.8
130	23.1	27.3	40.9#



#20
 3+4-Methylphenols
 Concen: 37.28 ng
 RT: 7.34 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion:	107	Resp:	275435
Ion	Ratio	Lower	Upper
107	100		
108	88.2	74.6	114.6
77	121.2	0.7	40.7#
79	28.4	0.0	38.9

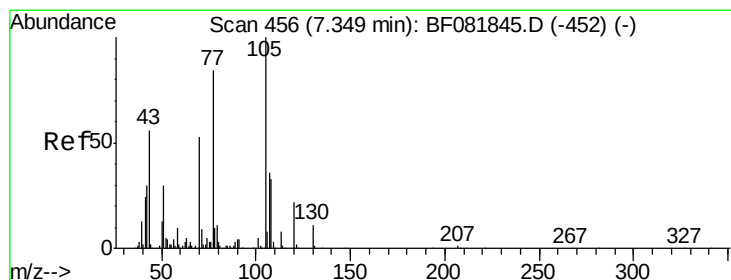
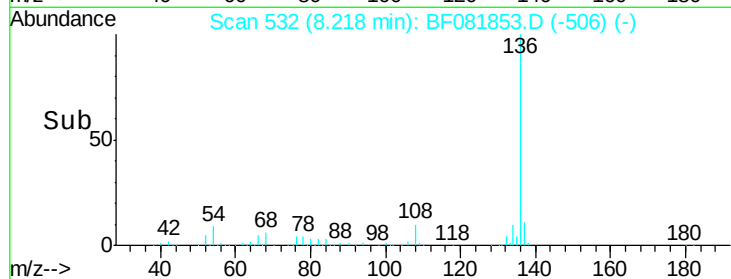
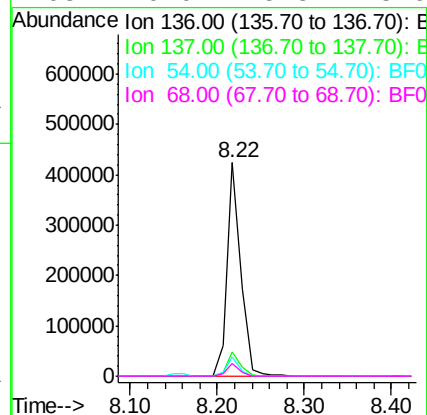
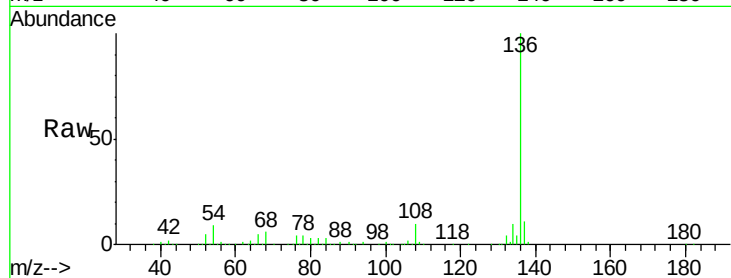




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

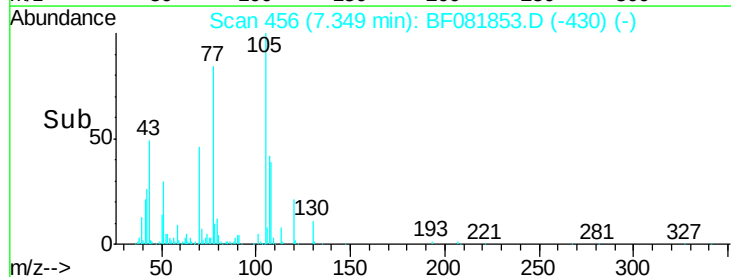
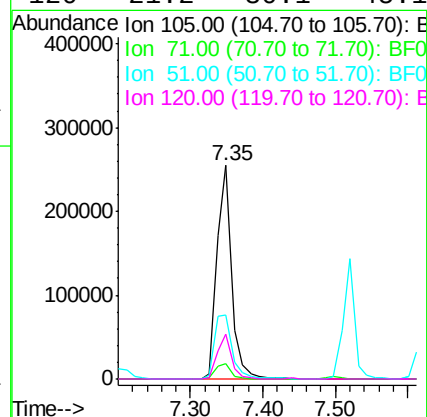
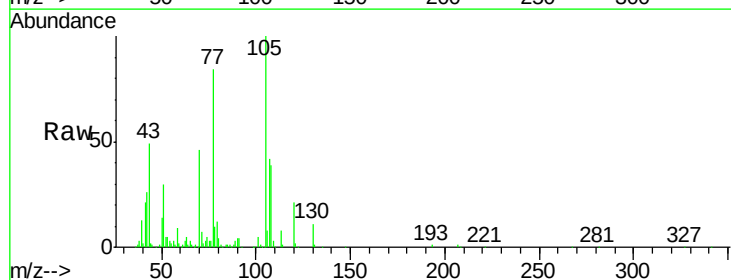
Instrument :
BNA_F
ClientSampleId :
PB85767BS

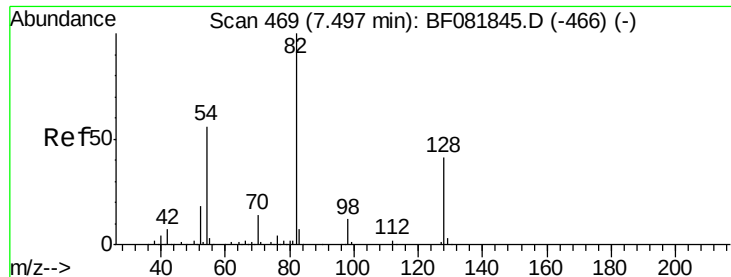
Tgt Ion:	136	Resp:	468190
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.2	8.2	12.2
68	6.0	5.8	8.6



#22
Acetophenone
Concen: 37.47 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion:	105	Resp:	358726
Ion	Ratio	Lower	Upper
105	100		
71	7.5	4.7	7.1#
51	30.0	22.0	33.0
120	21.2	30.1	45.1#

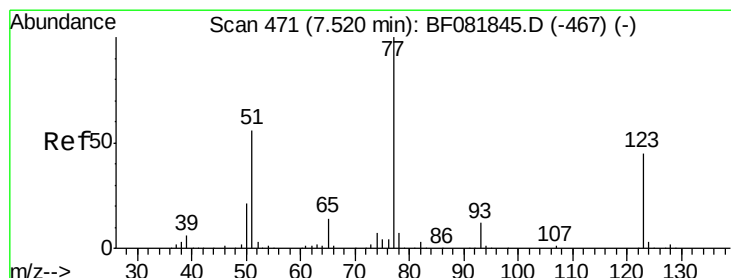
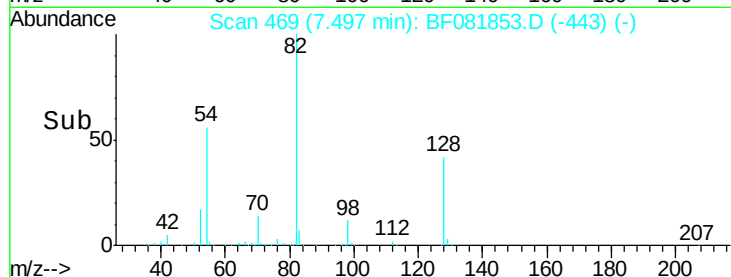
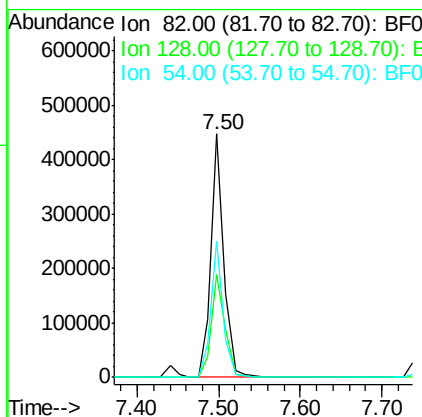
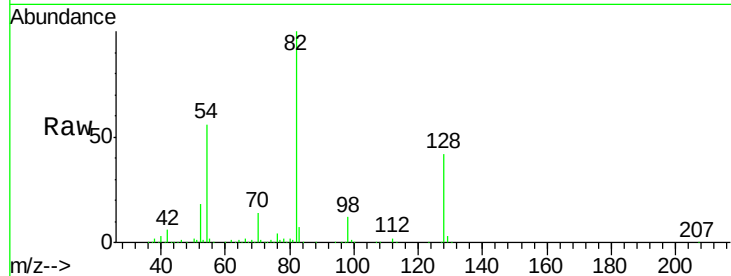




#23
 Nitrobenzene-d5
 Concen: 71.40 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

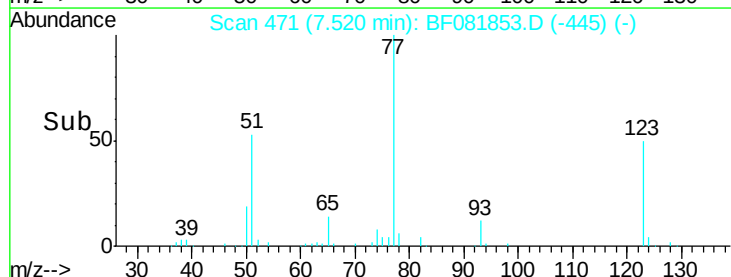
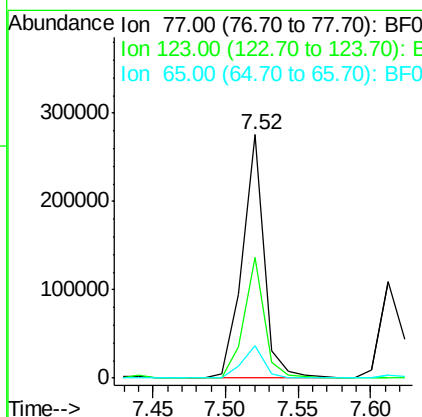
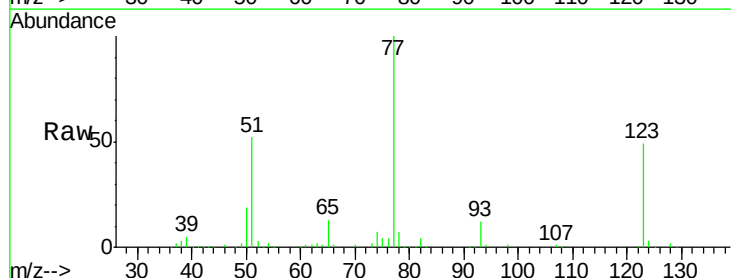
Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

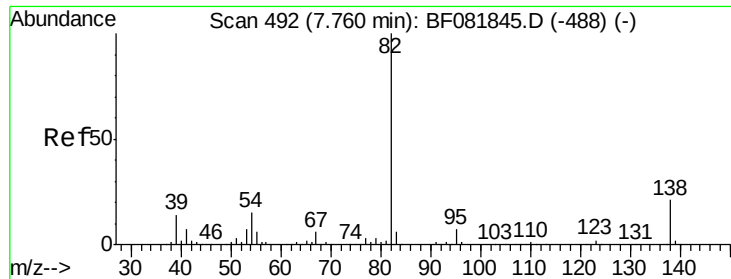
Tgt Ion: 82 Resp: 501505
 Ion Ratio Lower Upper
 82 100
 128 42.1 51.0 76.6#
 54 56.0 47.5 71.3



#24
 Nitrobenzene
 Concen: 37.22 ng
 RT: 7.52 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion: 77 Resp: 283844
 Ion Ratio Lower Upper
 77 100
 123 49.4 59.8 89.8#
 65 13.4 10.2 15.4





#25

Isophorone

Concen: 35.54 ng

RT: 7.75 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

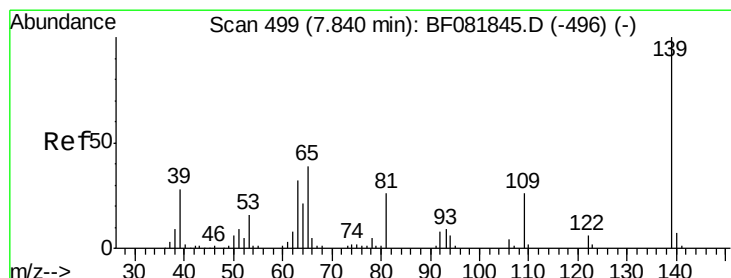
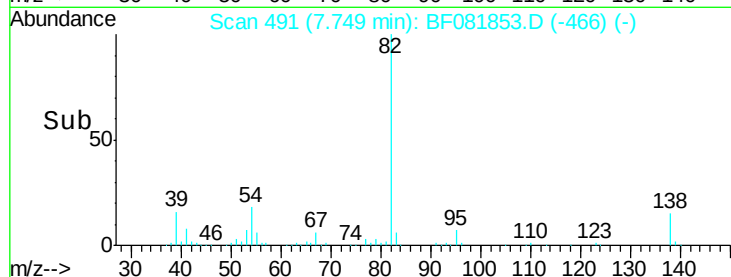
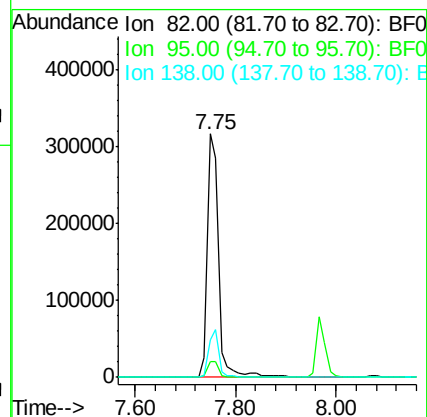
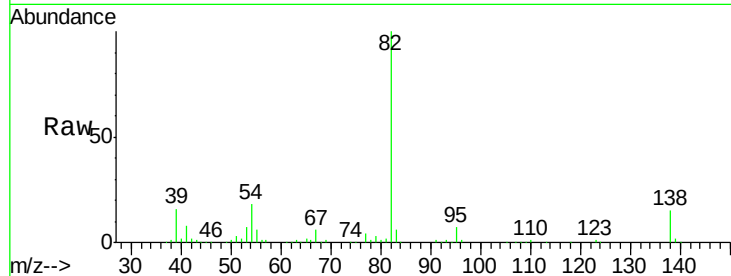
Tgt Ion: 82 Resp: 494810

Ion Ratio Lower Upper

82 100

95 6.6 4.0 6.0#

138 15.3 18.3 27.5#



#26

2-Nitrophenol

Concen: 38.62 ng

RT: 7.84 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

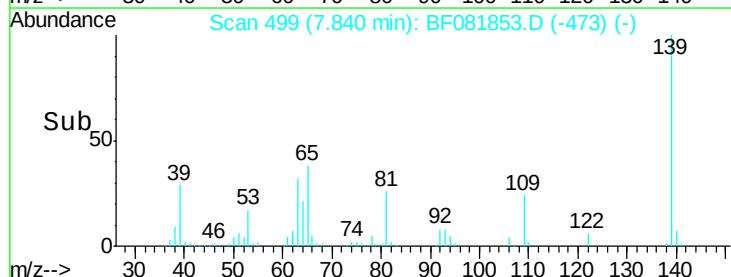
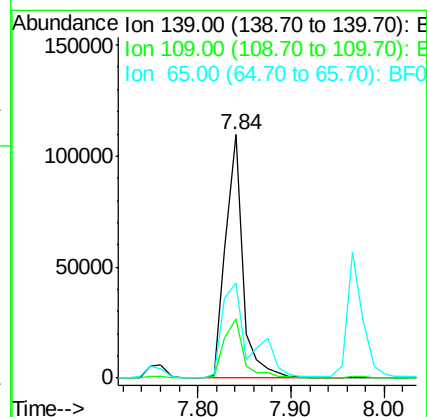
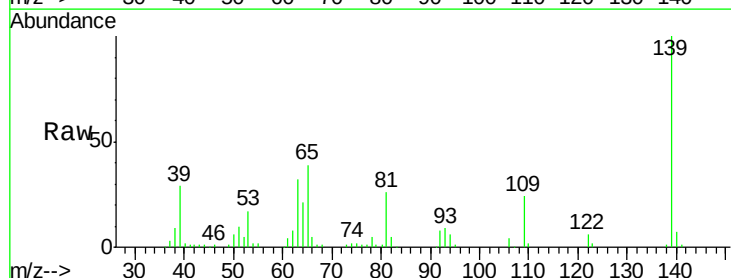
Tgt Ion: 139 Resp: 141399

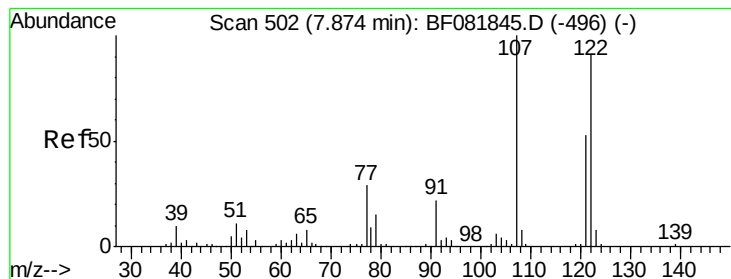
Ion Ratio Lower Upper

139 100

109 24.3 11.0 16.4#

65 39.2 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 38.11 ng

RT: 7.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

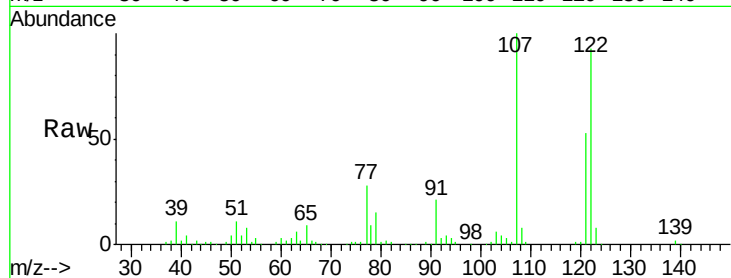
Tgt Ion:122 Resp: 245454

Ion Ratio Lower Upper

122 100

107 108.0 71.8 107.6#

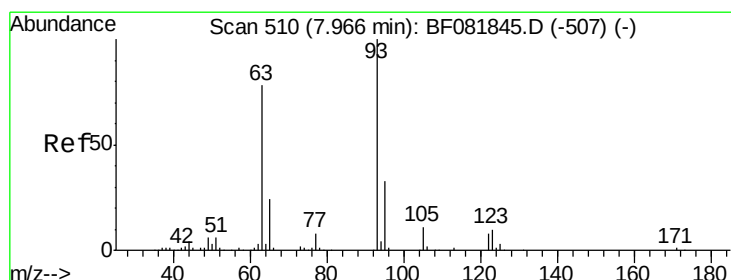
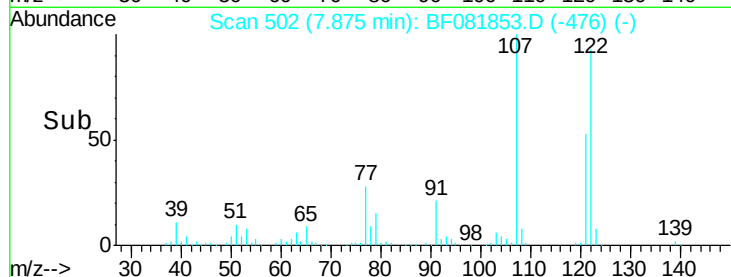
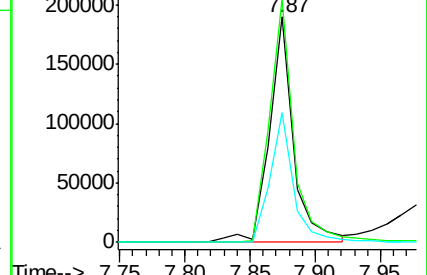
121 57.6 42.3 63.5



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: 36.18 ng

RT: 7.97 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

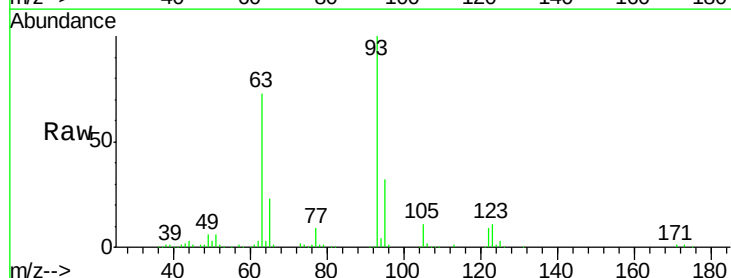
Tgt Ion: 93 Resp: 299099

Ion Ratio Lower Upper

93 100

95 32.1 27.5 41.3

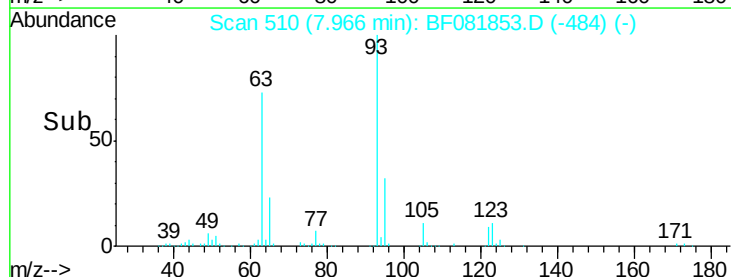
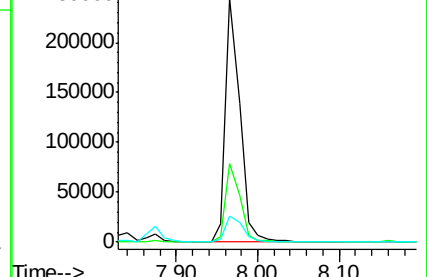
123 10.6 13.7 20.5#

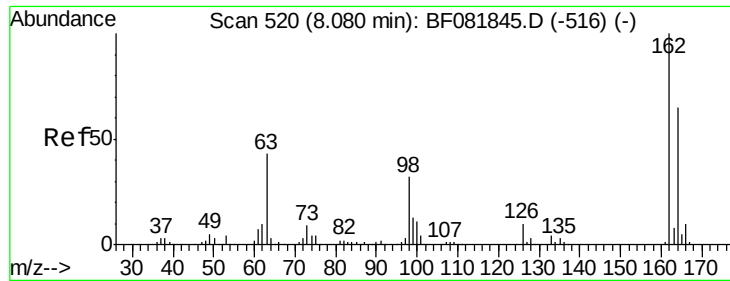


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

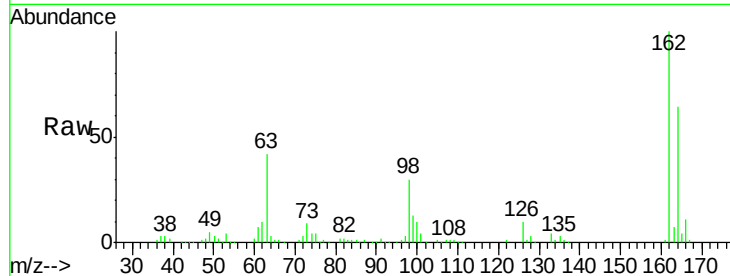




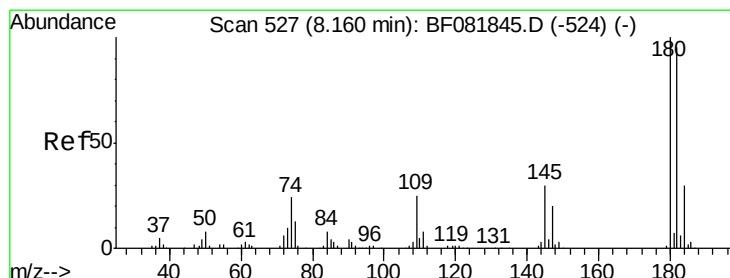
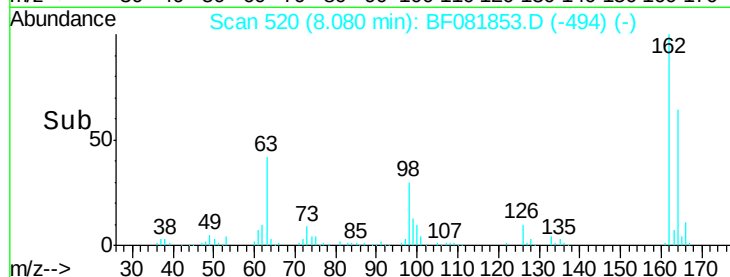
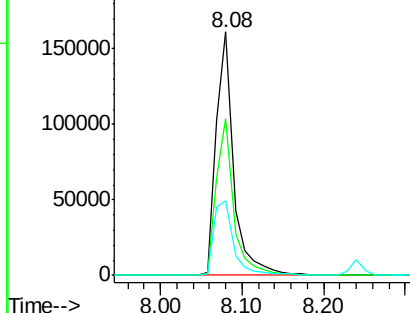
#29
 2,4-Dichlorophenol
 Concen: 38.42 ng
 RT: 8.08 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

Tgt Ion:	162	Resp:	239951
Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.9	84.9
98	30.4	13.0	53.0

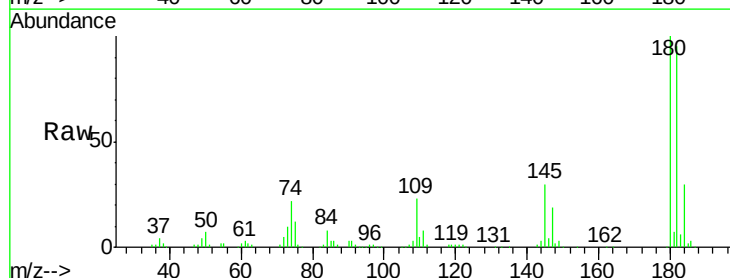


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

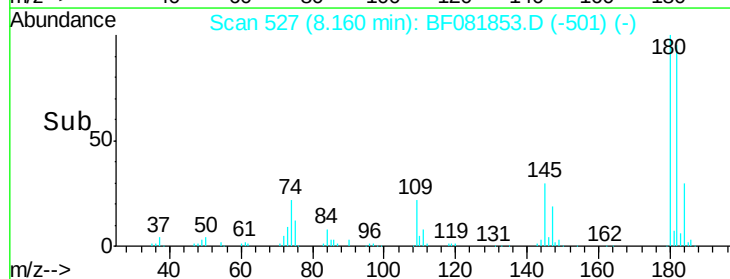
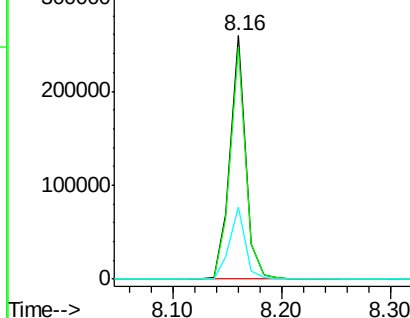


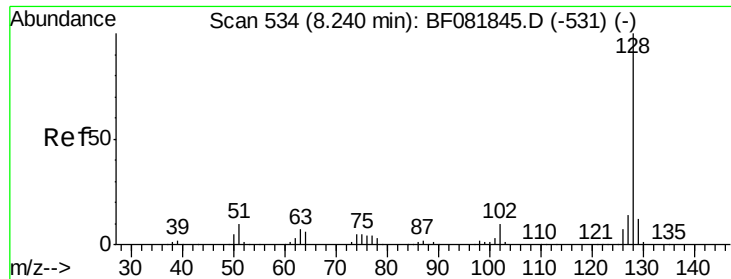
#30
 1,2,4-Trichlorobenzene
 Concen: 36.77 ng
 RT: 8.16 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion:	180	Resp:	256331
Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.1	115.7
145	29.8	23.3	34.9



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

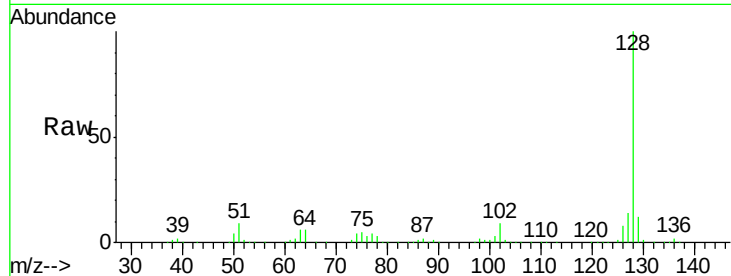




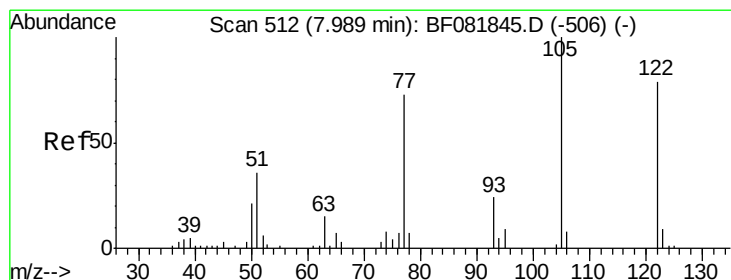
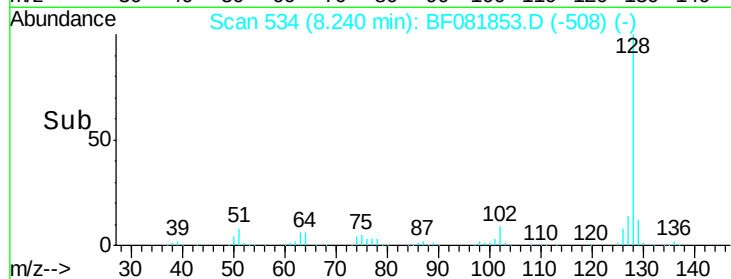
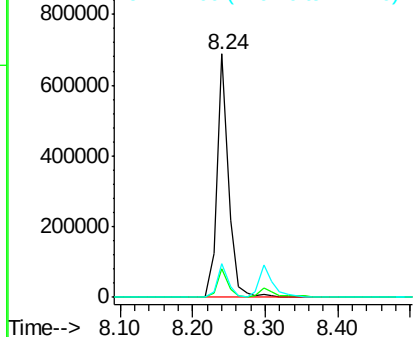
#31
Naphthalene
Concen: 36.38 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB85767BS

Tgt Ion:128 Resp: 754653
Ion Ratio Lower Upper
128 100
129 11.5 8.4 12.6
127 13.6 9.9 14.9

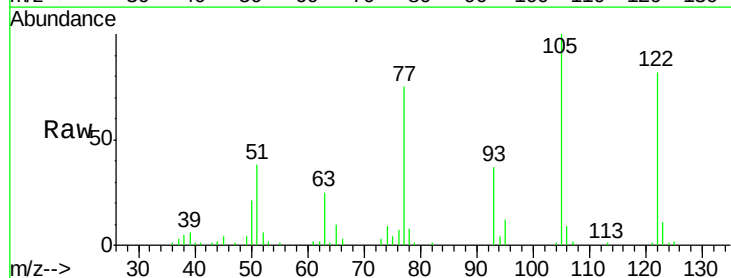


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

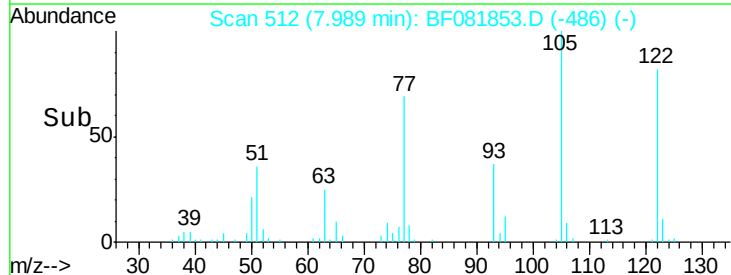
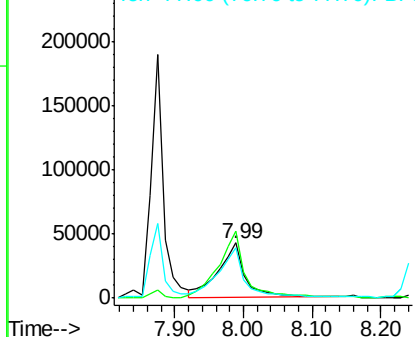


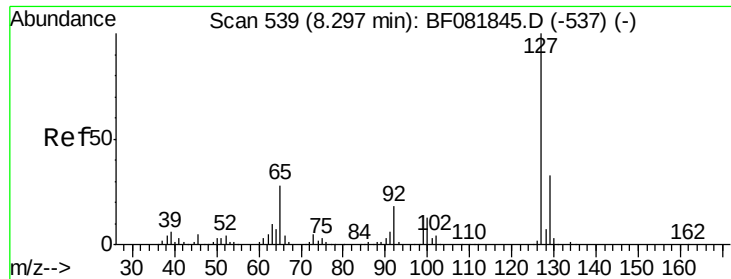
#32
Benzoic acid
Concen: 33.11 ng
RT: 7.99 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion:122 Resp: 117190
Ion Ratio Lower Upper
122 100
105 121.5 76.1 116.1#
77 91.3 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

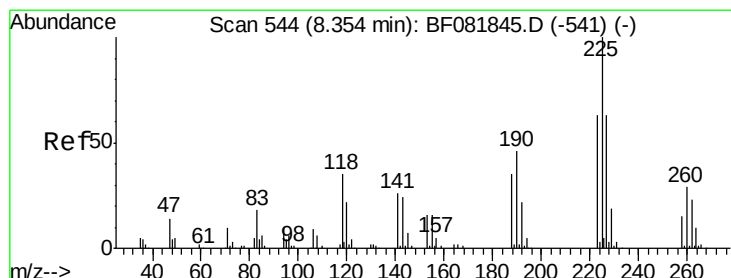
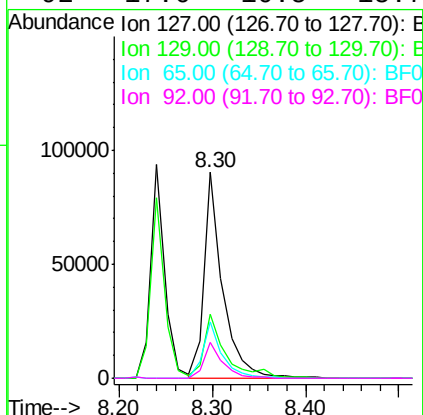
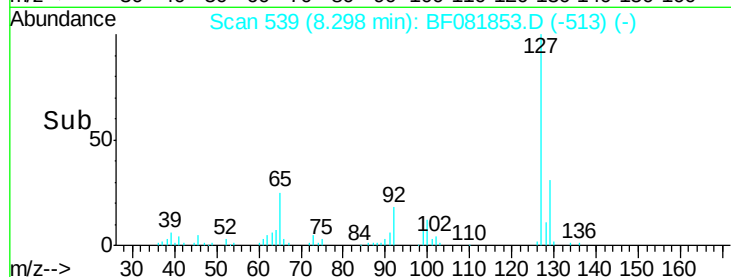
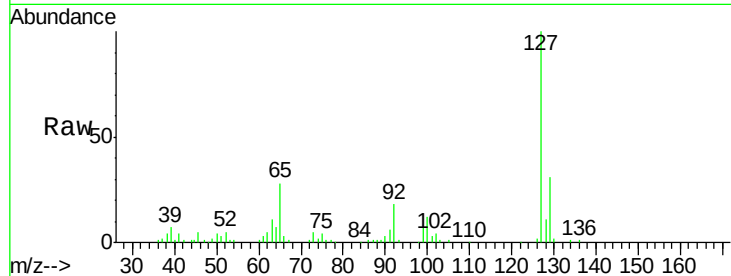




#33
4-Chloroaniline
Concen: 14.19 ng
RT: 8.30 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

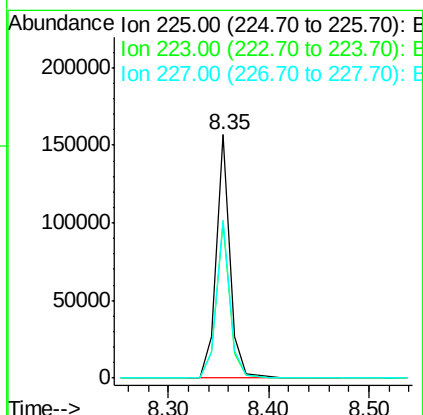
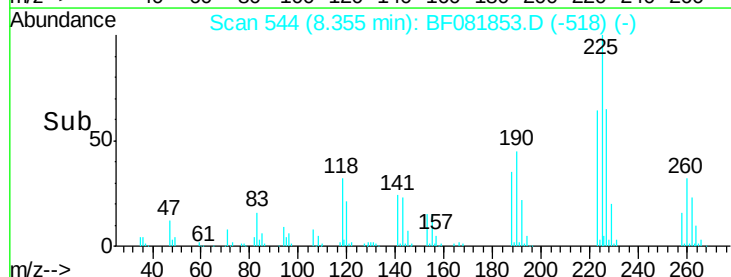
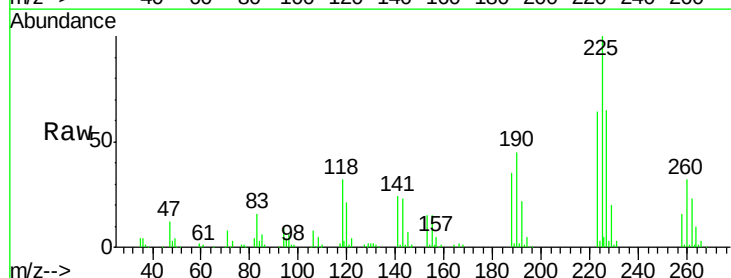
Instrument :
BNA_F
ClientSampleId :
PB85767BS

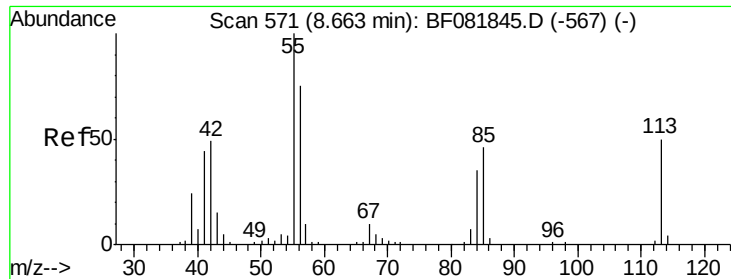
Tgt Ion:	127	Resp:	127324
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.8	38.6
65	27.7	17.9	26.9#
92	17.6	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 36.15 ng
RT: 8.35 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion:	225	Resp:	149070
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.2	75.2
227	64.7	52.2	78.2

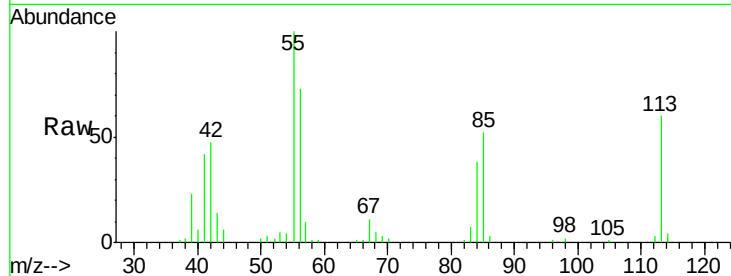




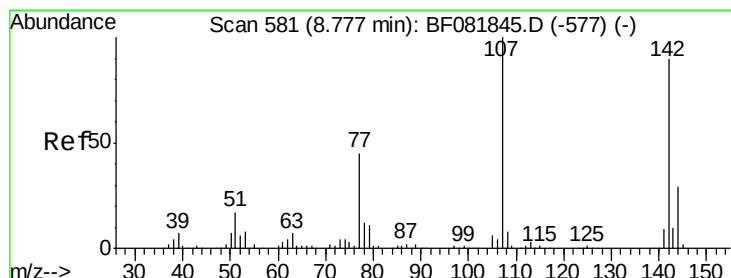
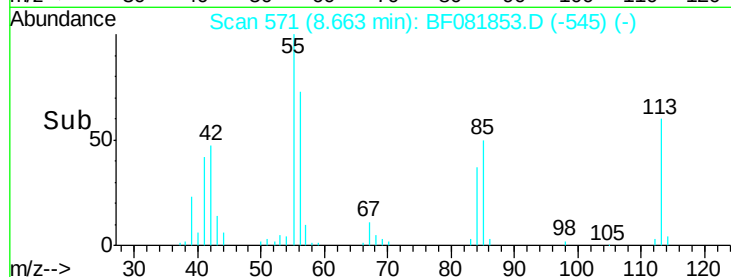
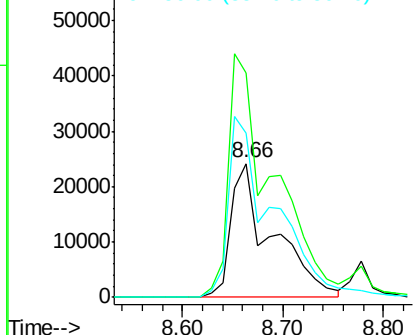
#35
 Caprolactam
 Concen: 39.77 ng
 RT: 8.66 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Instrument :
 BNA_F
 ClientSampleID :
 PB85767BS

Tgt Ion:113 Resp: 68759
 Ion Ratio Lower Upper
 113 100
 55 167.8 152.4 192.4
 56 122.3 104.6 144.6

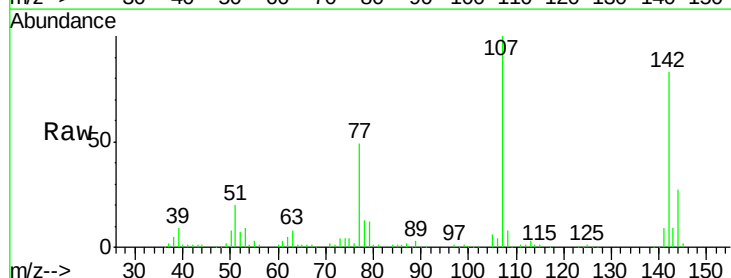


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

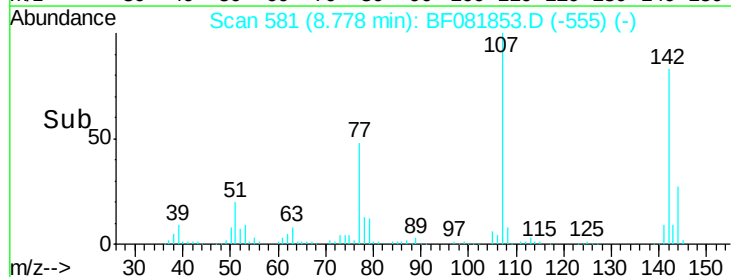
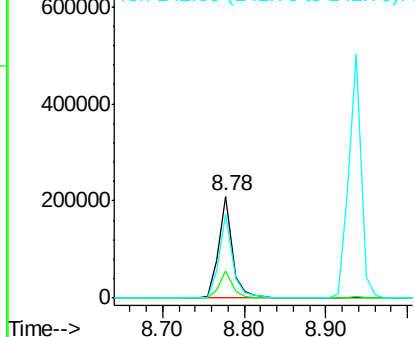


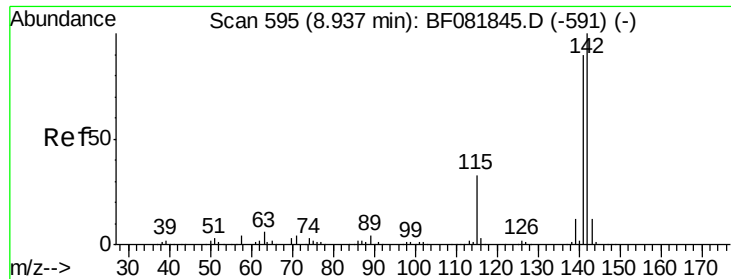
#36
 4-Chloro-3-methylphenol
 Concen: 40.39 ng
 RT: 8.78 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion:107 Resp: 246647
 Ion Ratio Lower Upper
 107 100
 144 26.8 25.4 38.0
 142 82.8 77.3 115.9



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.87 ng

RT: 8.94 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

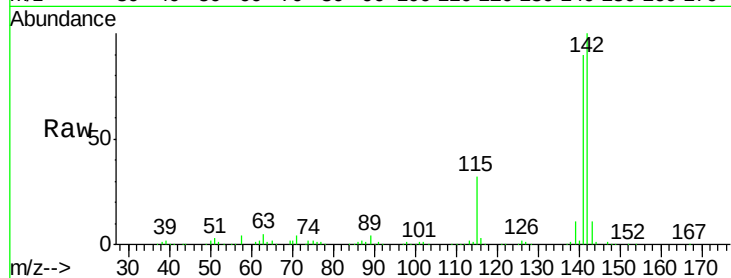
Tgt Ion:142 Resp: 536233

Ion Ratio Lower Upper

142 100

141 89.8 67.5 101.3

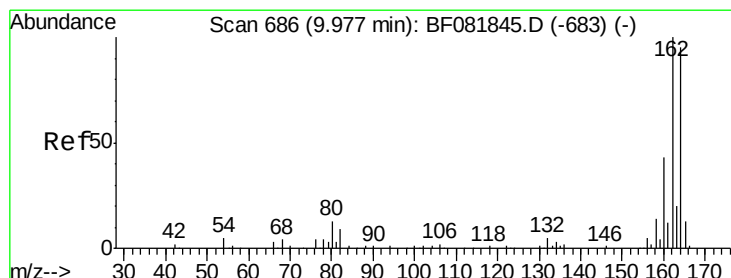
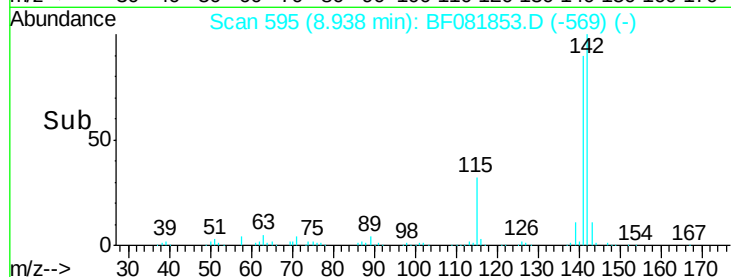
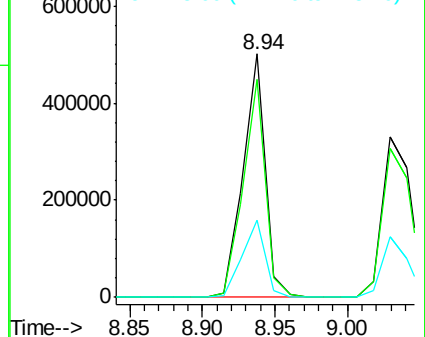
115 31.9 18.2 27.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

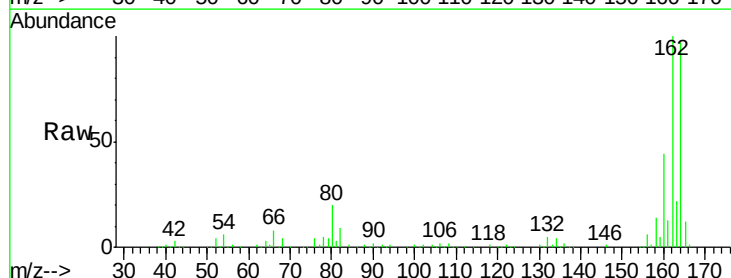
Tgt Ion:164 Resp: 225609

Ion Ratio Lower Upper

164 100

162 103.2 75.2 112.8

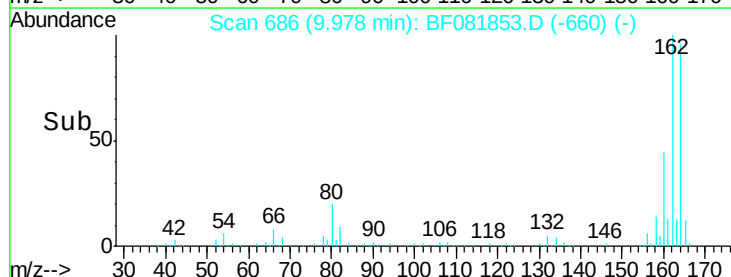
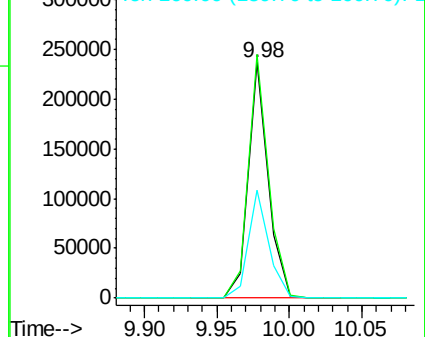
160 45.5 31.5 47.3

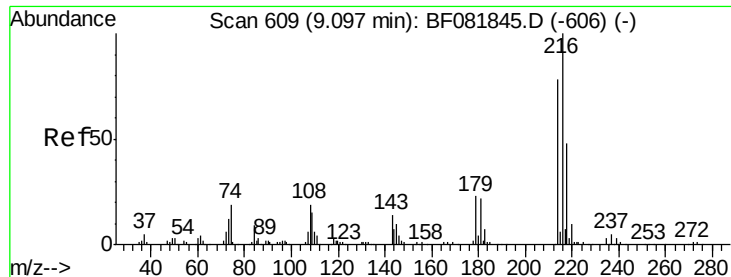


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.29 ng

RT: 9.10 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

Tgt Ion:216 Resp: 251353

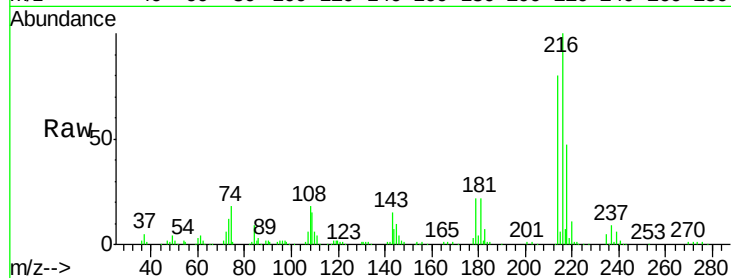
Ion Ratio Lower Upper

216 100

214 78.7 63.5 95.3

179 21.0 16.6 24.8

108 19.8 16.3 24.5

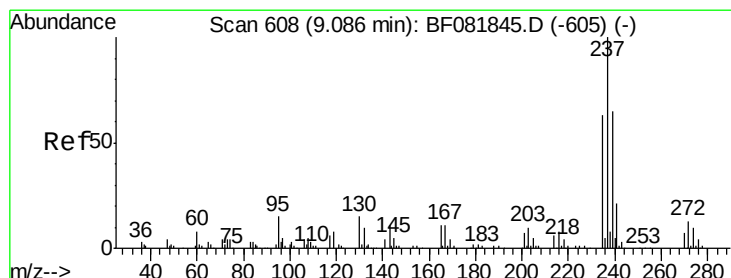
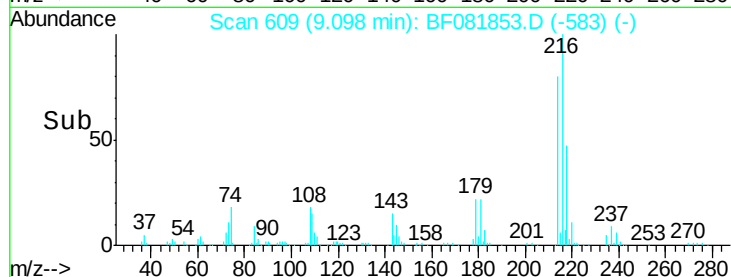
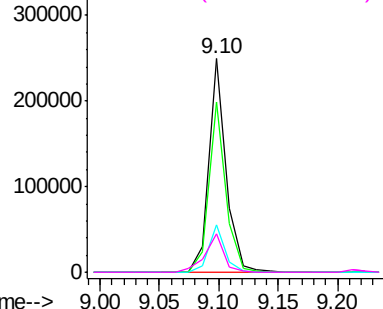


Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.45 ng

RT: 9.09 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

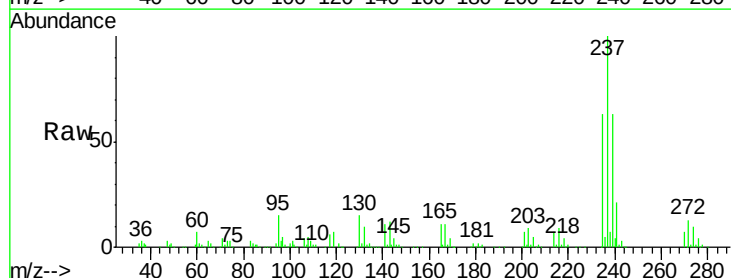
Tgt Ion:237 Resp: 311930

Ion Ratio Lower Upper

237 100

235 63.1 42.0 82.0

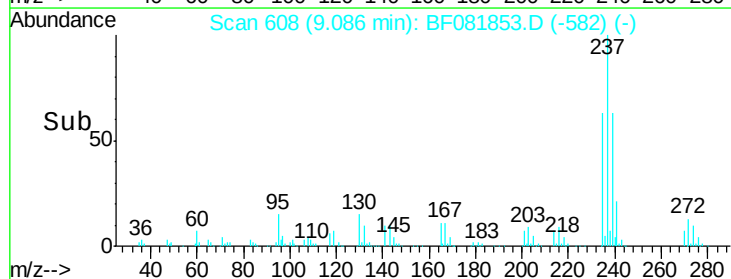
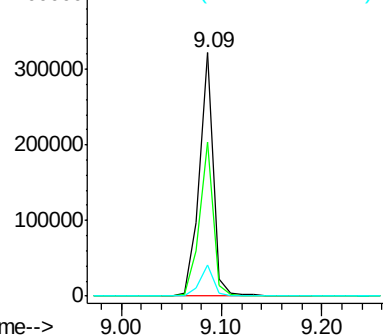
272 12.9 0.0 36.1

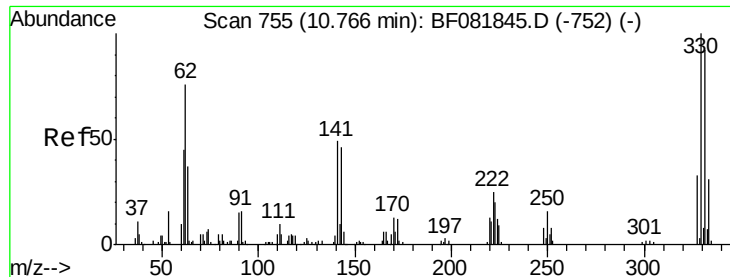


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

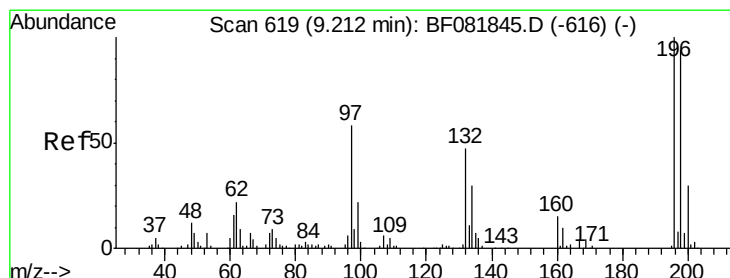
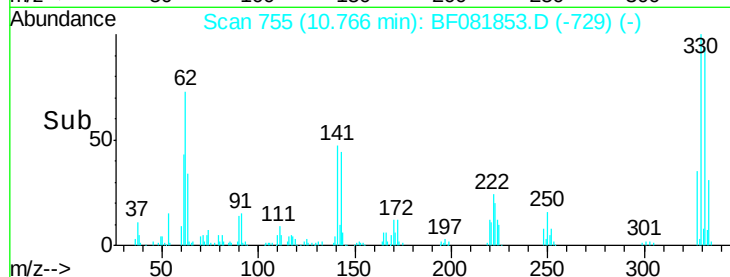
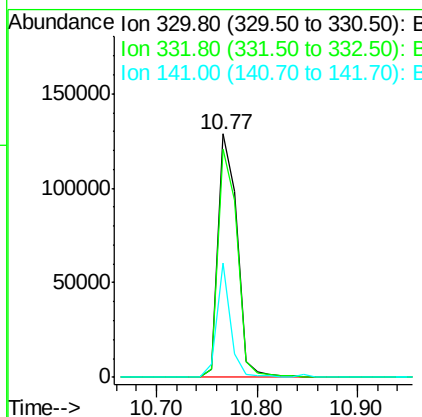
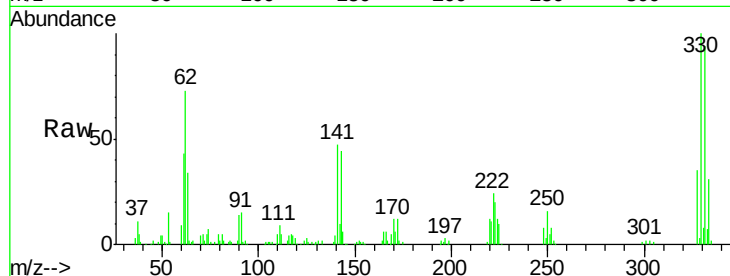




#41
 2,4,6-Tribromophenol
 Concen: 74.02 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

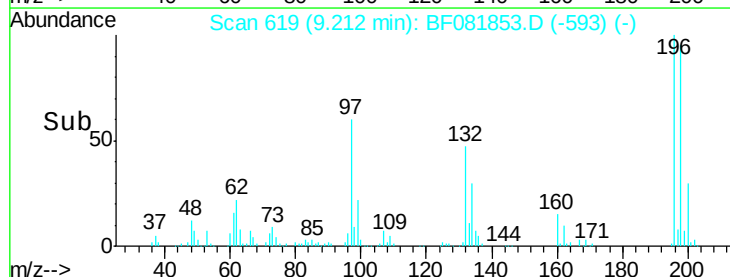
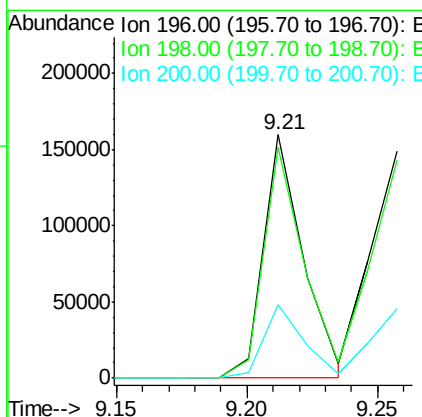
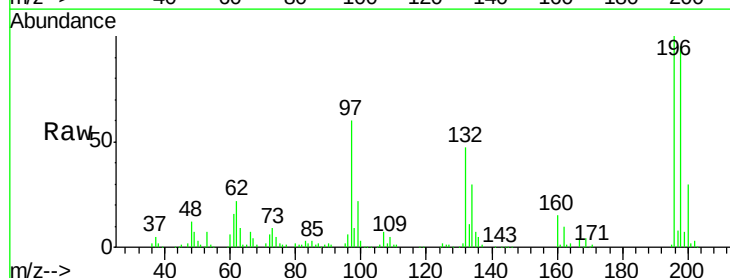
Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

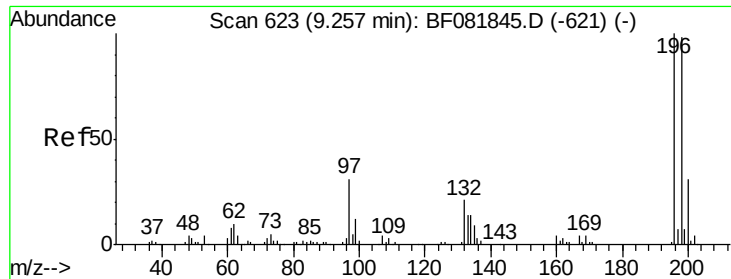
Tgt Ion:330 Resp: 169129
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 33.7 29.7 44.5



#42
 2,4,6-Trichlorophenol
 Concen: 35.91 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion:196 Resp: 170529
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.7 113.5
 200 30.2 23.9 35.9

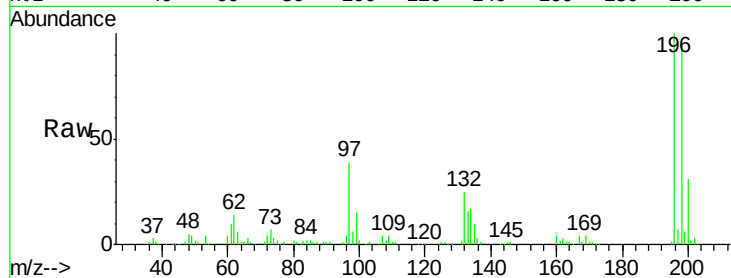




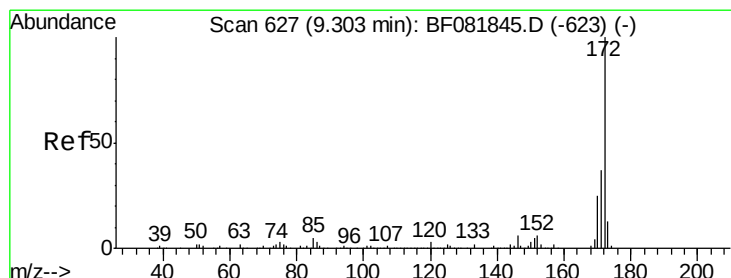
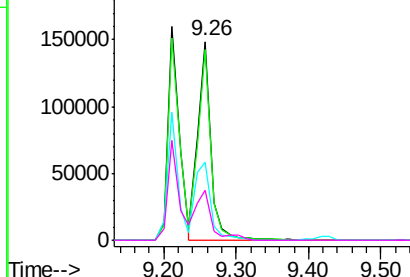
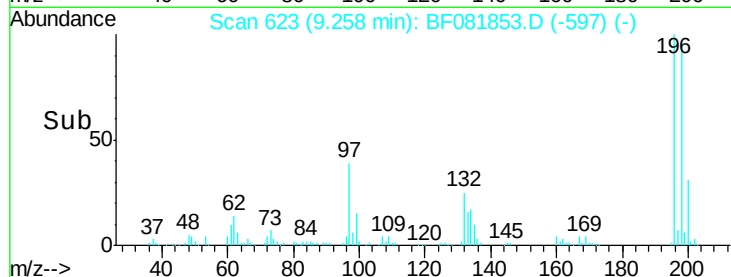
#43
 2,4,5-Trichlorophenol
 Concen: 38.53 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

Tgt Ion	Resp	Lower	Upper
196	188136		
198	96.0	75.4	113.0
97	39.4	33.3	49.9
132	25.0	24.6	37.0

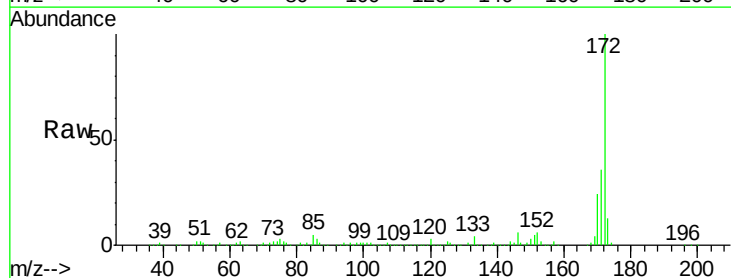


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

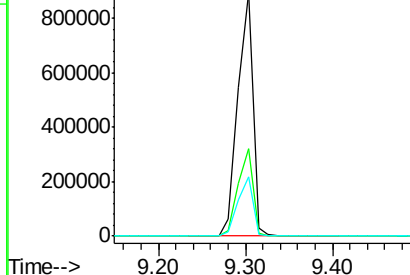
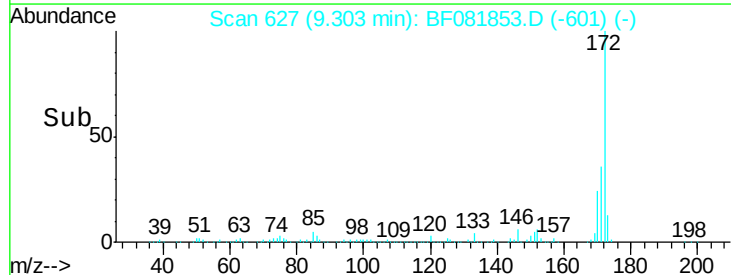


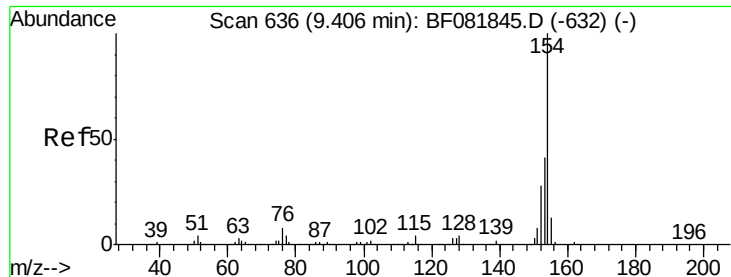
#44
 2-Fluorobiphenyl
 Concen: 77.21 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion	Resp	Lower	Upper
172	1059658		
171	36.0	26.1	39.1
170	24.5	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

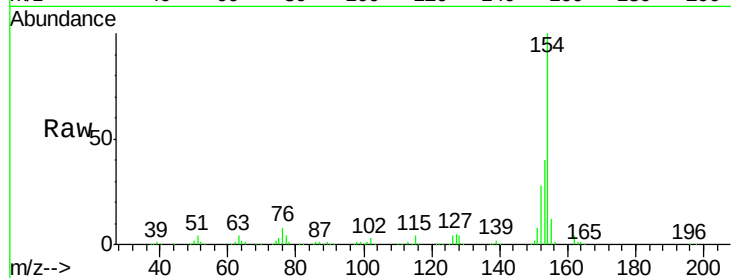




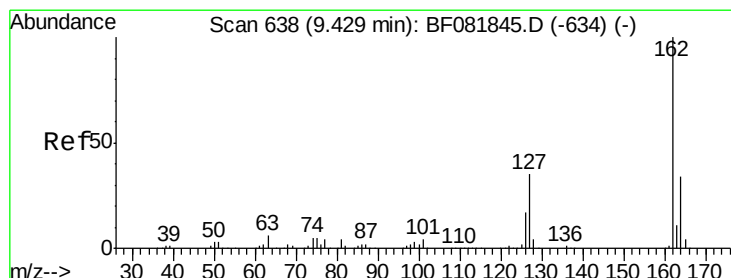
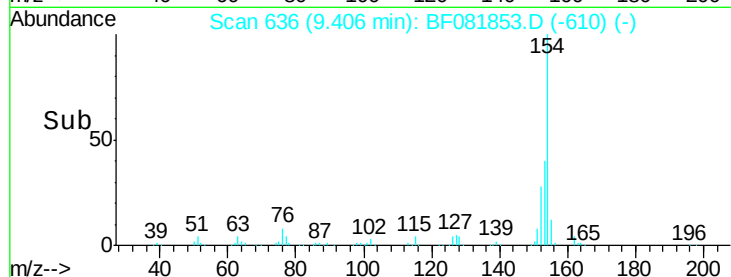
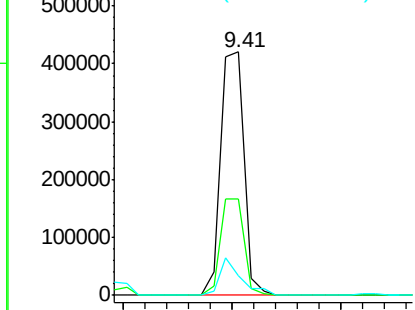
#45
 1,1'-Biphenyl
 Concen: 35.93 ng
 RT: 9.41 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Instrument :
 BNA_F
 ClientSampled :
 PB85767BS

Tgt Ion:154 Resp: 625396
 Ion Ratio Lower Upper
 154 100
 153 39.6 17.1 57.1
 76 8.2 0.0 31.6

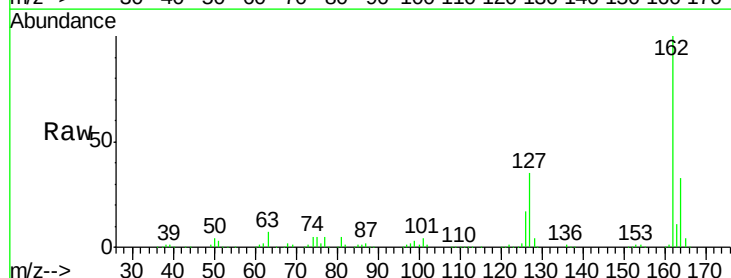


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

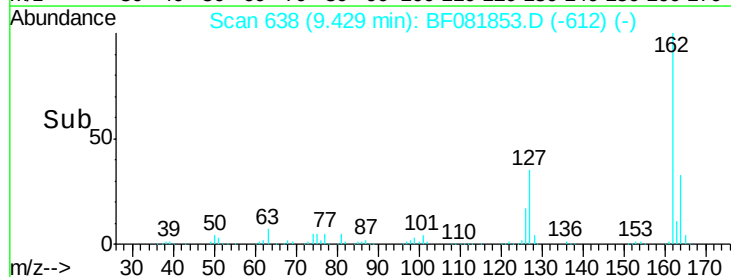
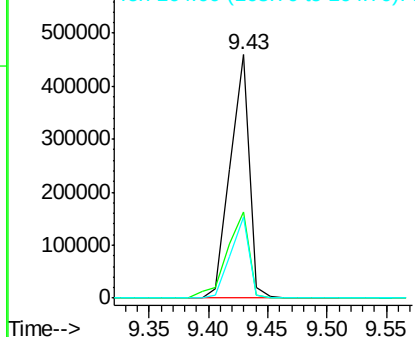


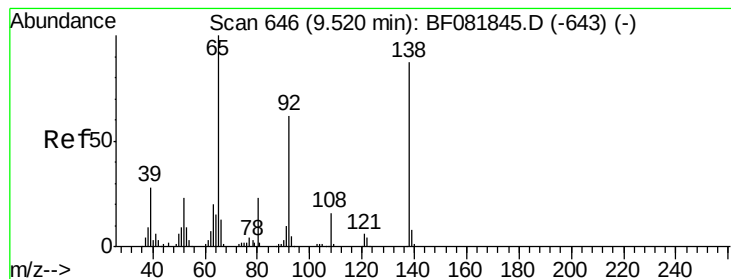
#46
 2-Chloronaphthalene
 Concen: 37.47 ng
 RT: 9.43 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion:162 Resp: 512145
 Ion Ratio Lower Upper
 162 100
 127 35.3 27.6 41.4
 164 33.3 25.4 38.2



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





#47

2-Nitroaniline

Concen: 36.32 ng

RT: 9.52 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

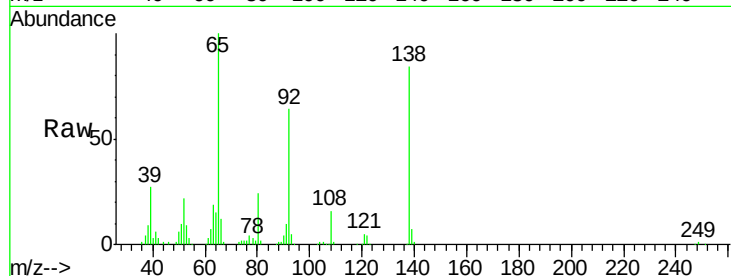
Tgt Ion: 65 Resp: 145717

Ion Ratio Lower Upper

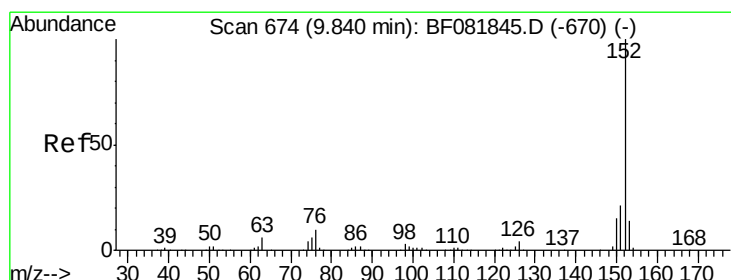
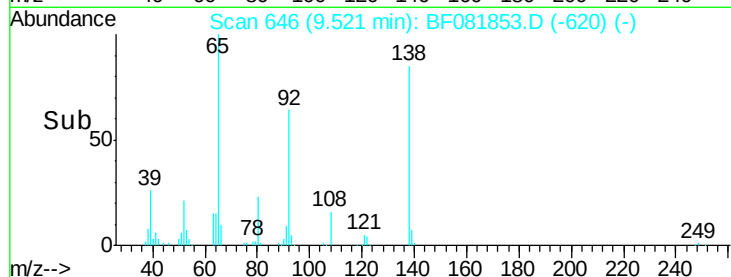
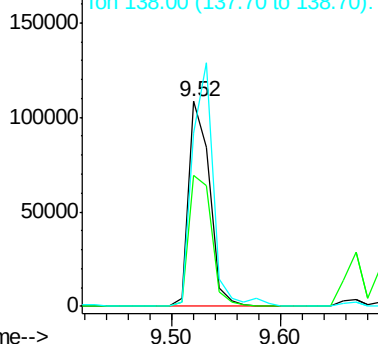
65 100

92 63.8 55.4 83.0

138 84.4 115.5 173.3#



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



#48

Acenaphthylene

Concen: 35.91 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

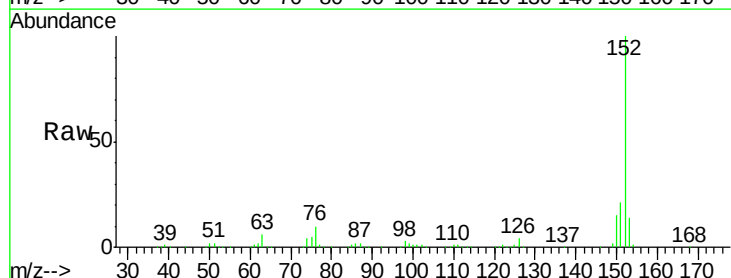
Tgt Ion: 152 Resp: 785567

Ion Ratio Lower Upper

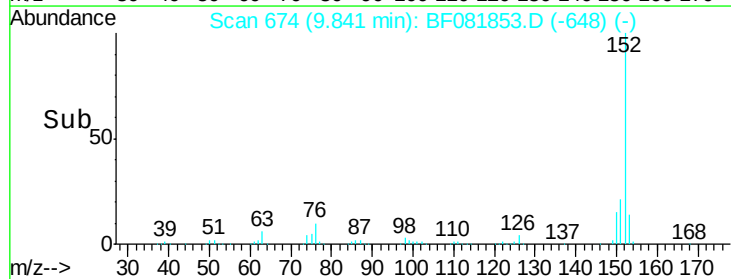
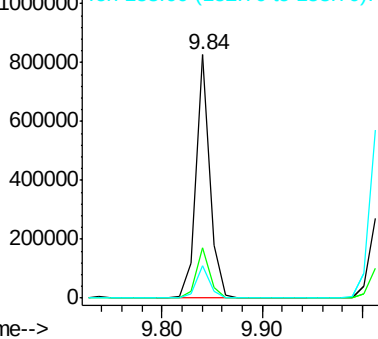
152 100

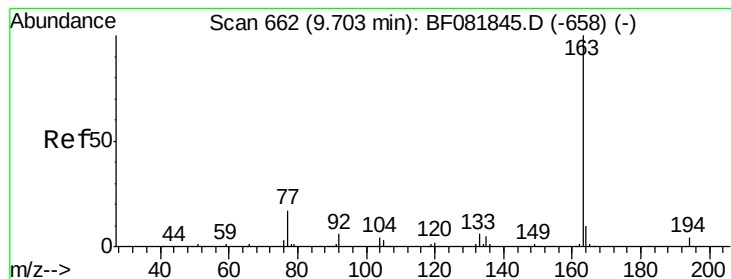
151 20.9 14.6 22.0

153 13.5 10.3 15.5



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





#49

Dimethylphthalate

Concen: 39.26 ng

RT: 9.70 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

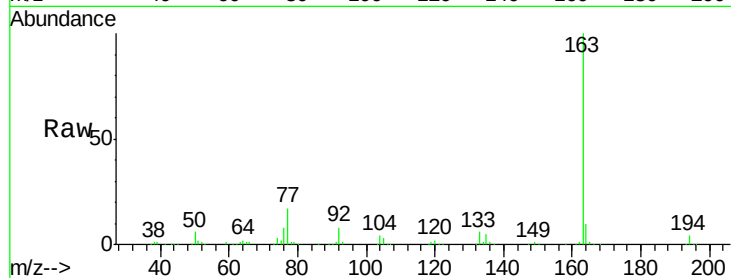
Tgt Ion:163 Resp: 611465

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

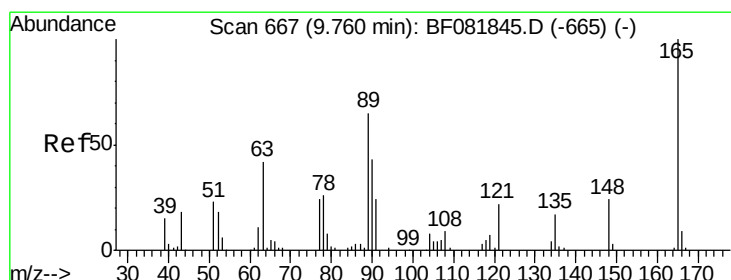
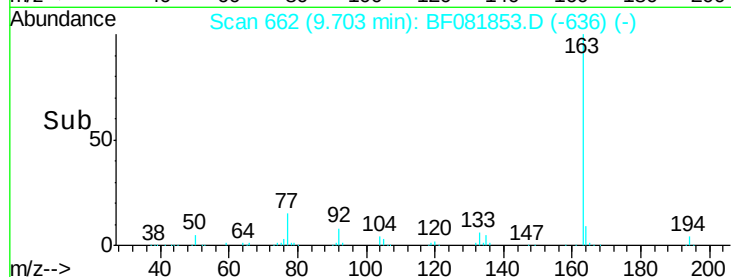
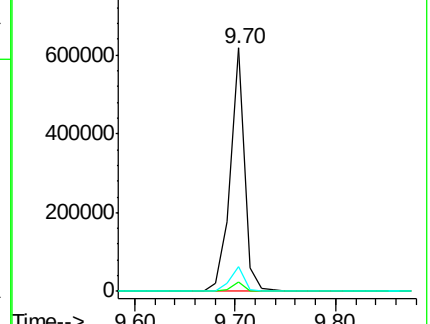
164 10.1 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.66 ng

RT: 9.76 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

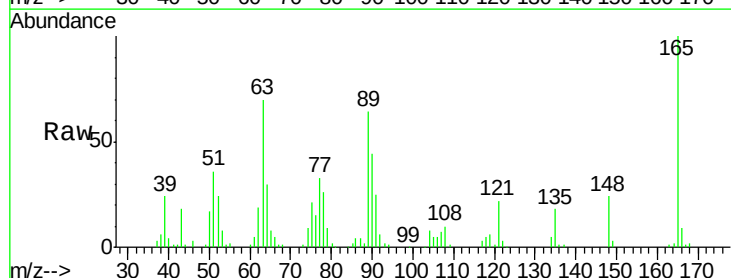
Tgt Ion:165 Resp: 127341

Ion Ratio Lower Upper

165 100

63 69.9 32.3 48.5#

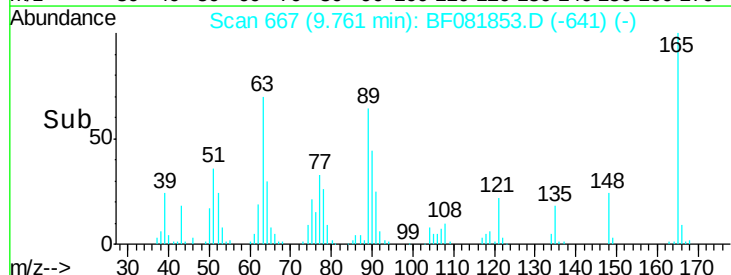
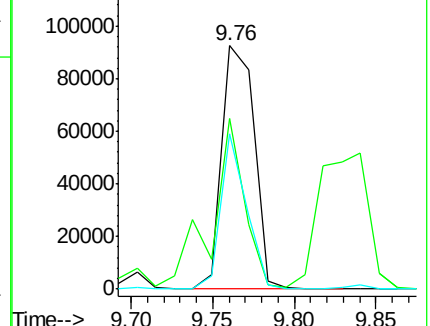
89 64.0 28.6 43.0#

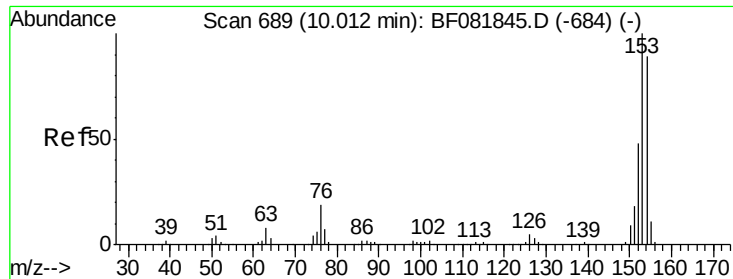


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.24 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

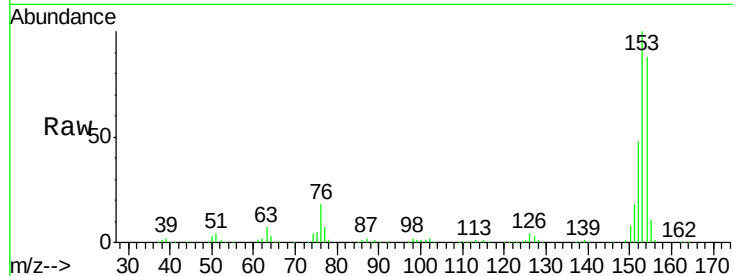
Tgt Ion:154 Resp: 522751

Ion Ratio Lower Upper

154 100

153 114.1 82.1 123.1

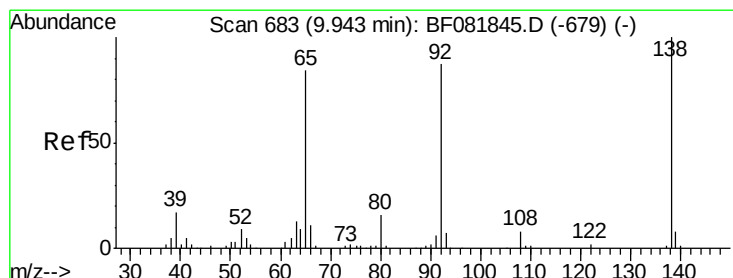
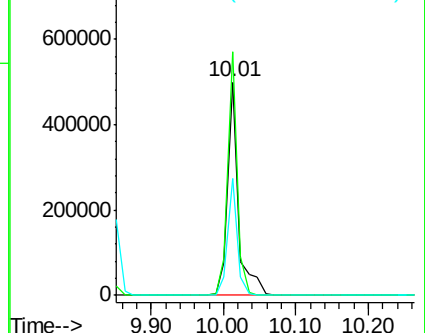
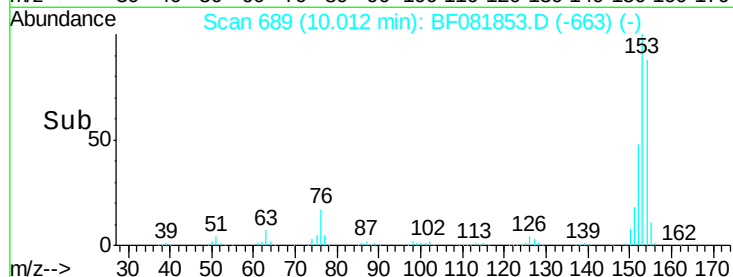
152 54.6 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.34 ng

RT: 9.94 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

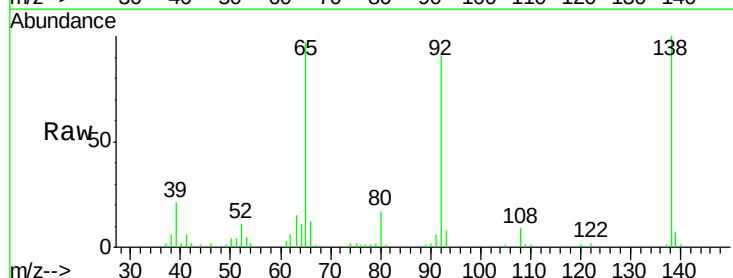
Tgt Ion:138 Resp: 83479

Ion Ratio Lower Upper

138 100

108 9.2 5.7 8.5#

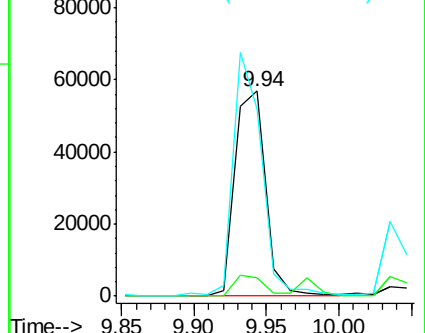
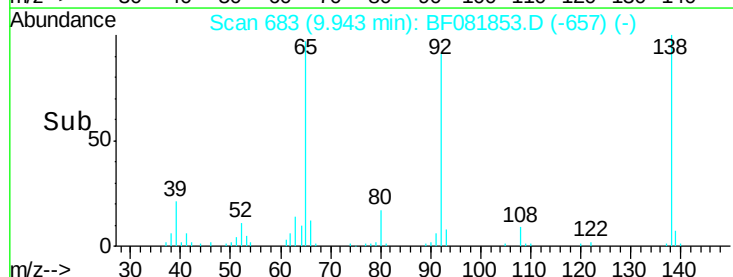
92 91.3 67.7 101.5

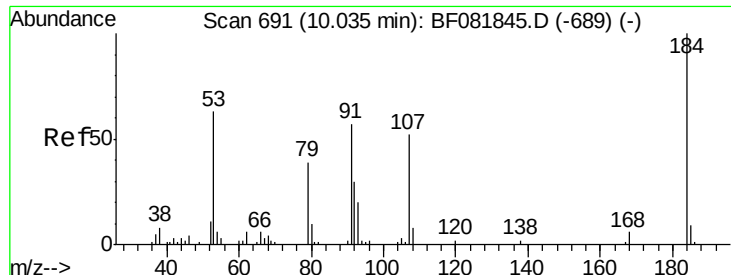


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

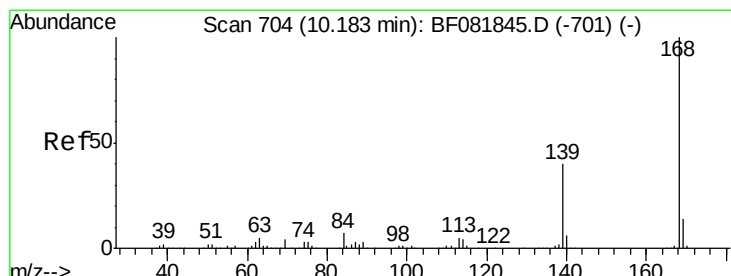
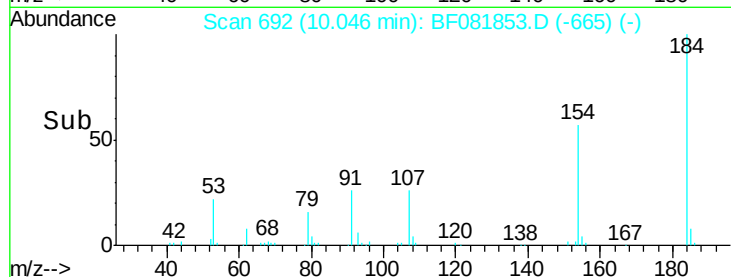
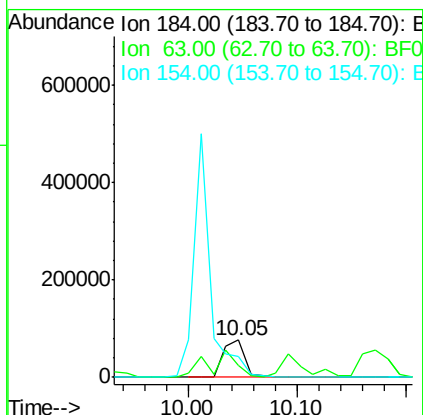
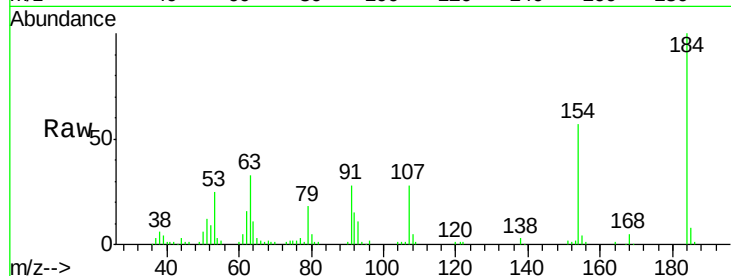




#53
 2,4-Dinitrophenol
 Concen: 69.80 ng
 RT: 10.05 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

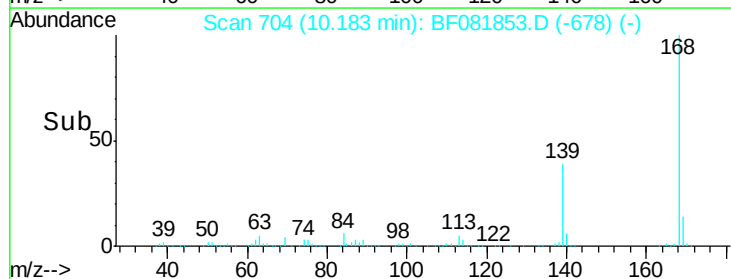
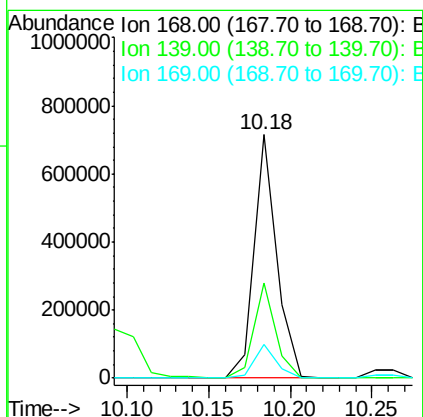
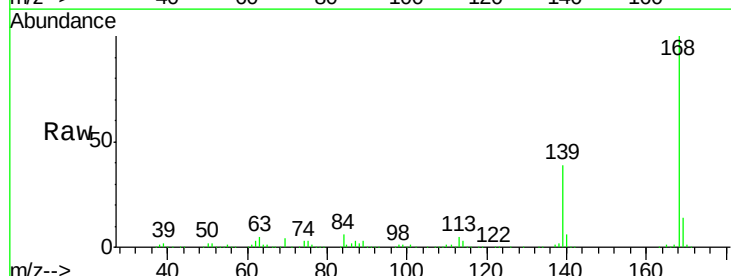
Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

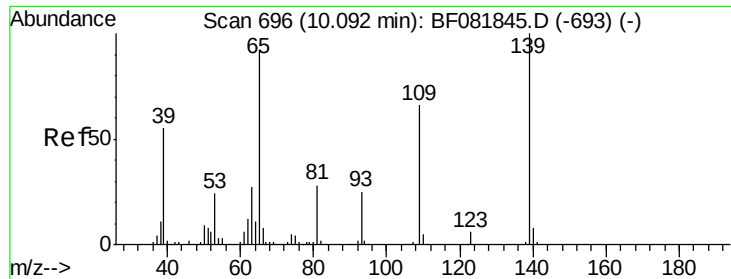
Tgt Ion:184 Resp: 104740
 Ion Ratio Lower Upper
 184 100
 63 33.4 35.4 53.2#
 154 56.9 32.2 48.4#



#54
 Dibenzofuran
 Concen: 37.61 ng
 RT: 10.18 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion:168 Resp: 690336
 Ion Ratio Lower Upper
 168 100
 139 39.2 24.2 36.2#
 169 13.7 10.6 15.8

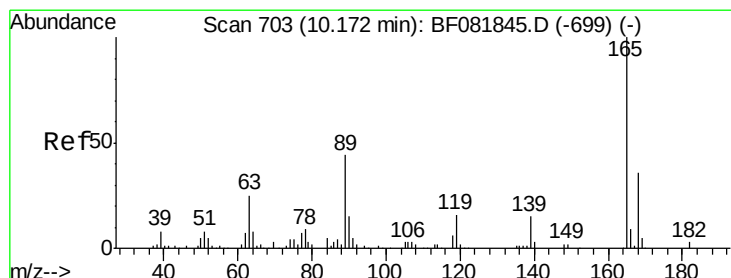
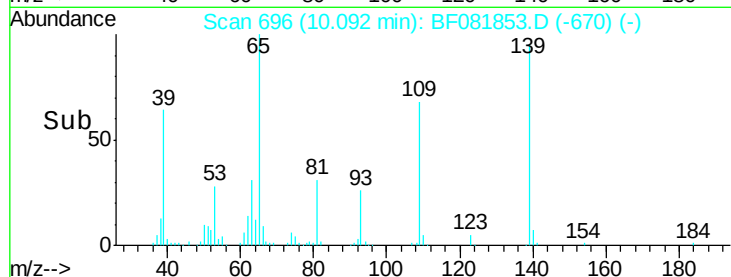
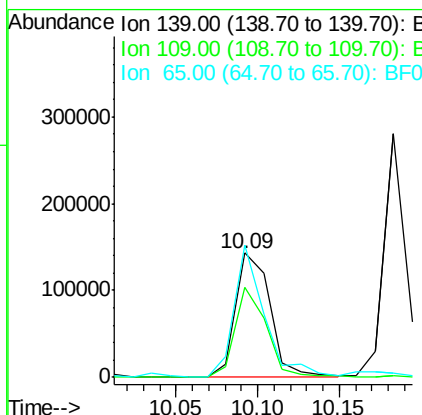
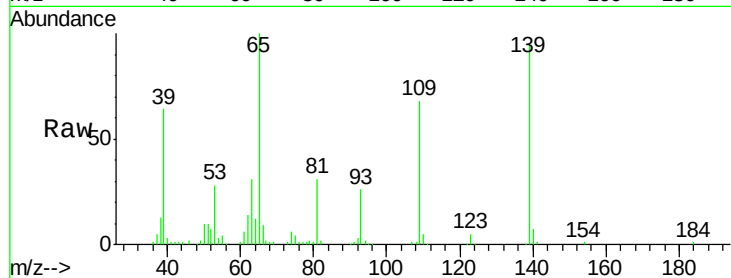




#55
4-Nitrophenol
Concen: 74.55 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

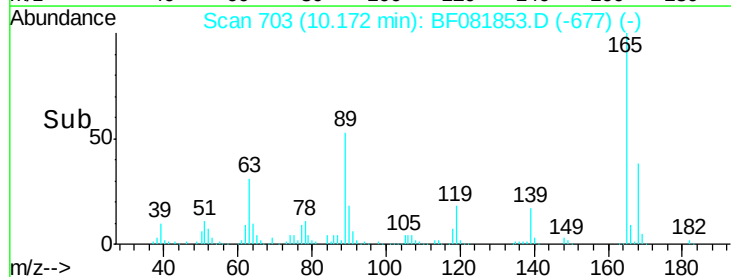
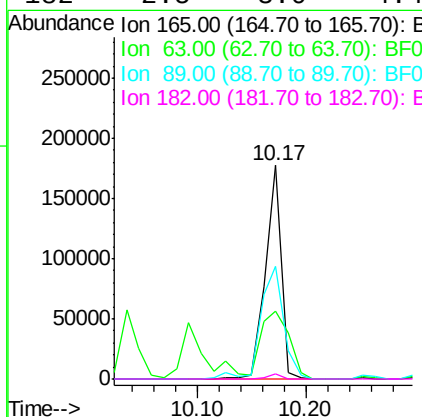
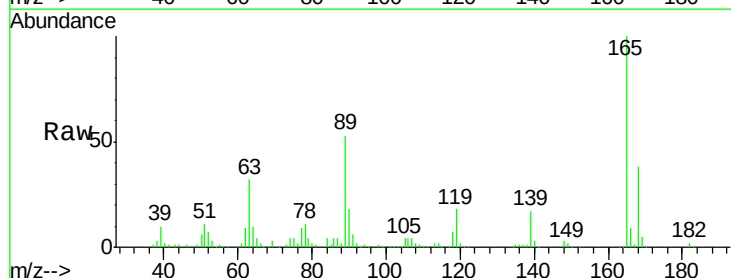
Instrument :
BNA_F
ClientSampleId :
PB85767BS

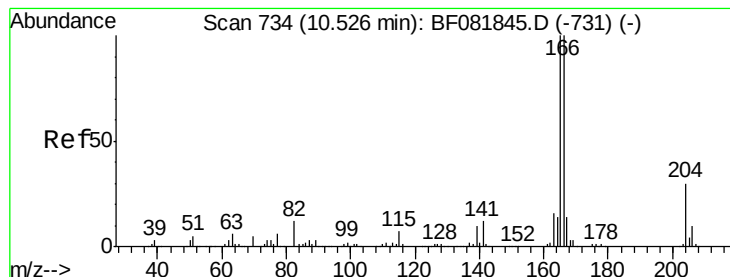
Tgt Ion:139 Resp: 210689
Ion Ratio Lower Upper
139 100
109 71.9 12.7 52.7#
65 105.8 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 42.24 ng
RT: 10.17 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion:165 Resp: 182064
Ion Ratio Lower Upper
165 100
63 31.6 29.8 44.6
89 52.9 44.5 66.7
182 2.5 3.0 4.4#





#57

Fluorene

Concen: 39.01 ng

RT: 10.53 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

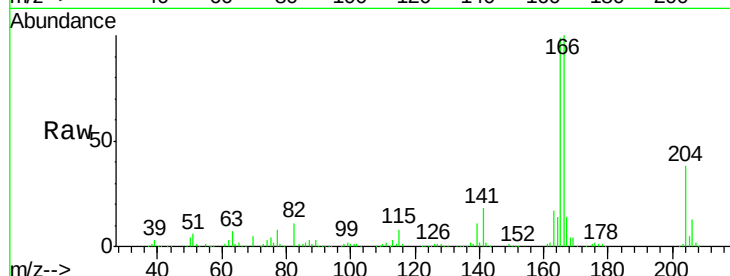
Tgt Ion:166 Resp: 515892

Ion Ratio Lower Upper

166 100

165 99.2 72.6 109.0

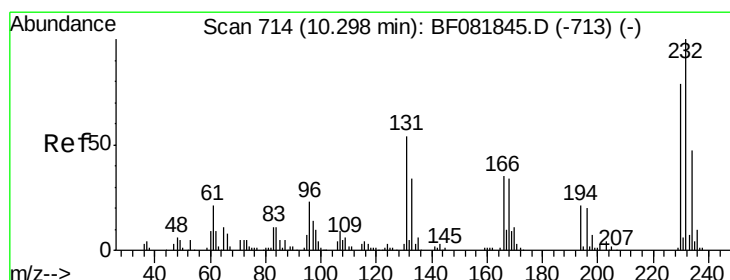
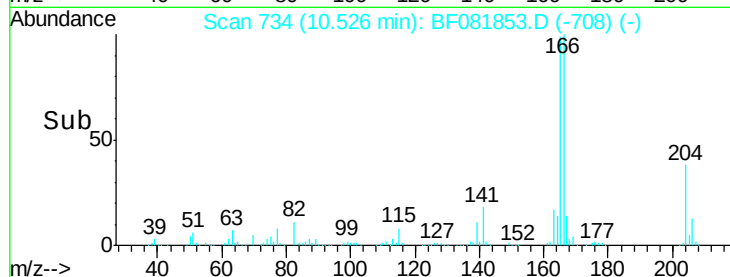
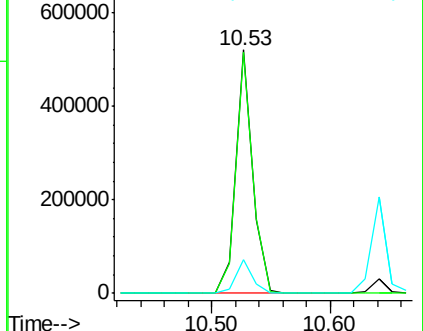
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.58 ng

RT: 10.30 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Tgt Ion:232 Resp: 153325

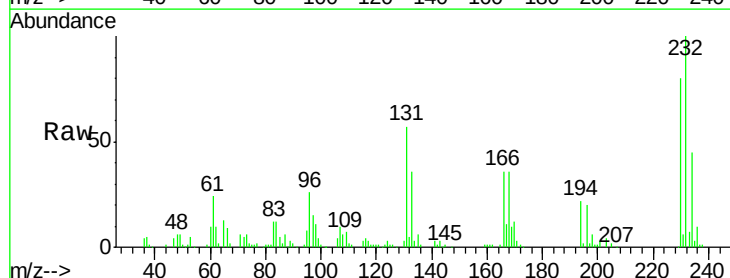
Ion Ratio Lower Upper

232 100

131 44.6 38.5 57.7

130 1.9 1.8 2.6

166 29.0 25.0 37.6

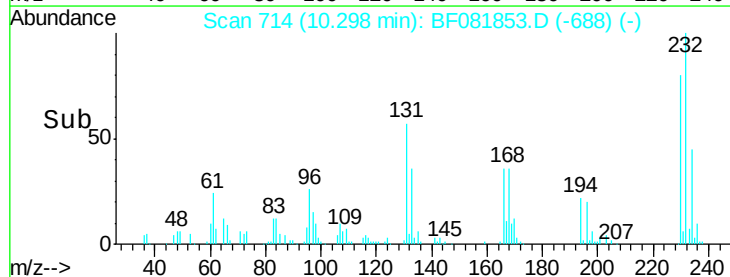
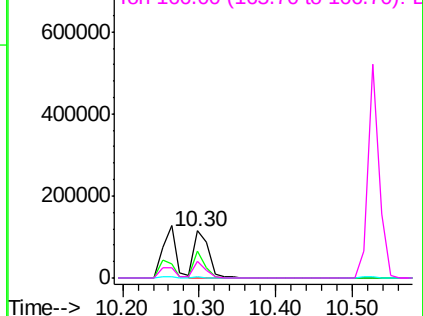


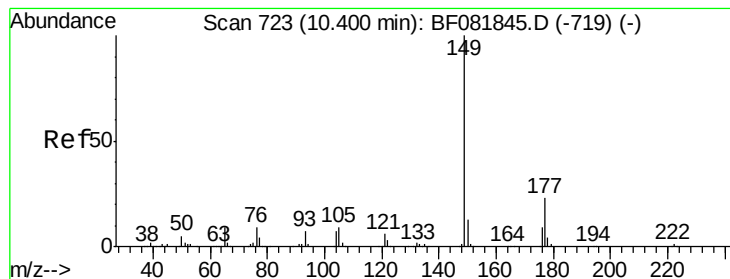
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.23 ng

RT: 10.40 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

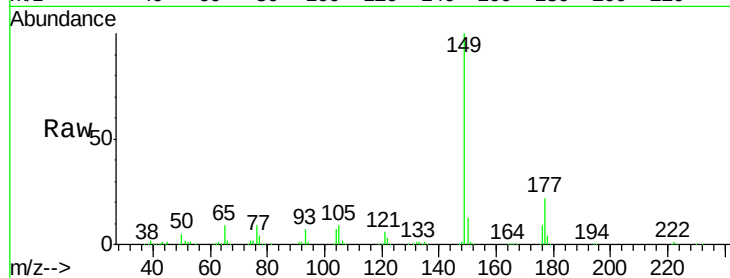
Tgt Ion:149 Resp: 556128

Ion Ratio Lower Upper

149 100

177 22.2 17.5 26.3

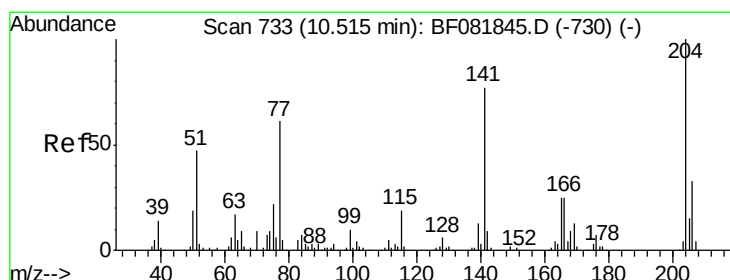
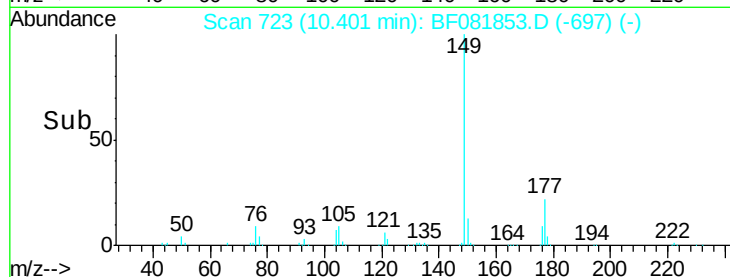
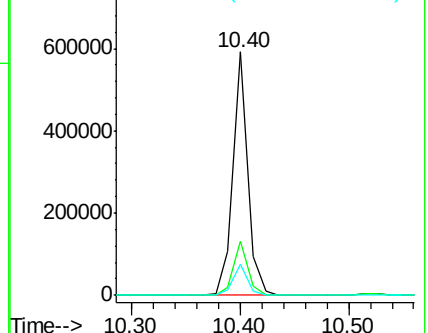
150 12.8 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.44 ng

RT: 10.53 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

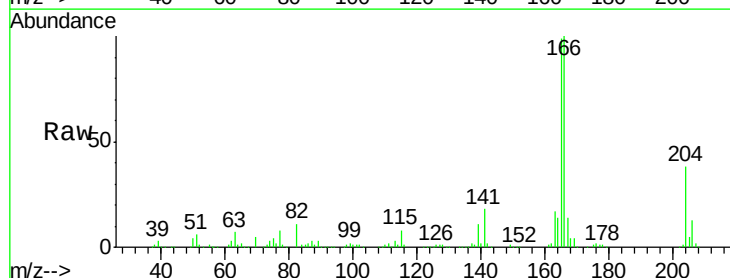
Tgt Ion:204 Resp: 251611

Ion Ratio Lower Upper

204 100

206 34.2 24.8 37.2

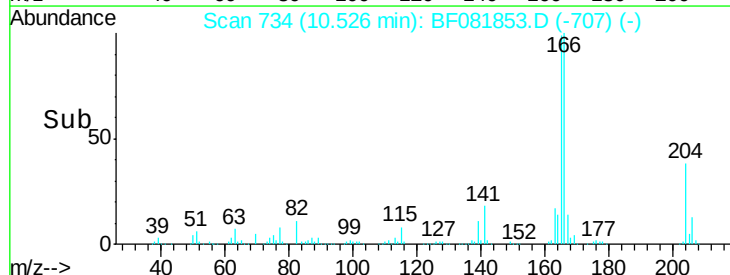
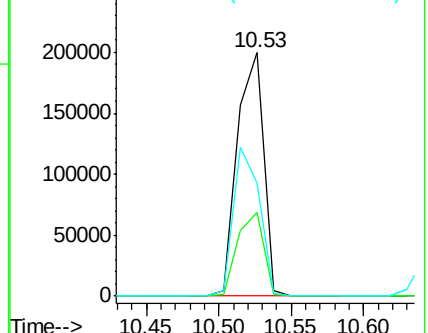
141 46.6 42.2 63.4

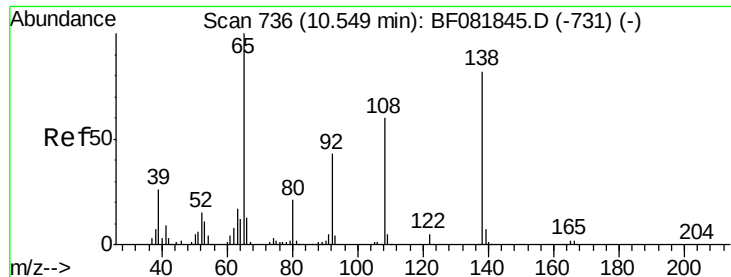


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

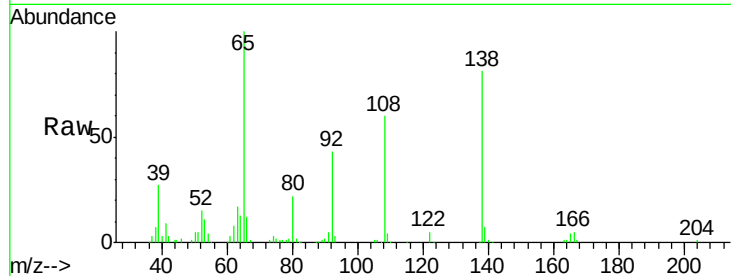




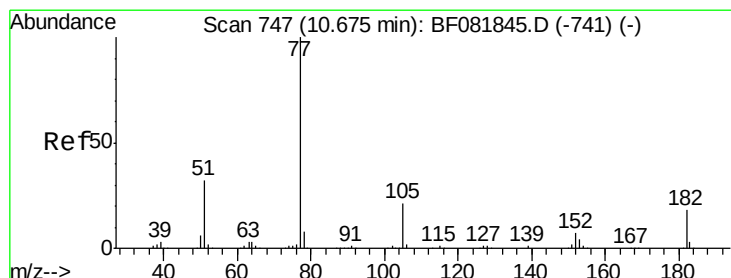
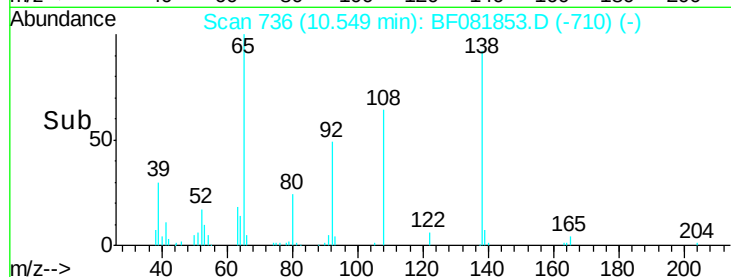
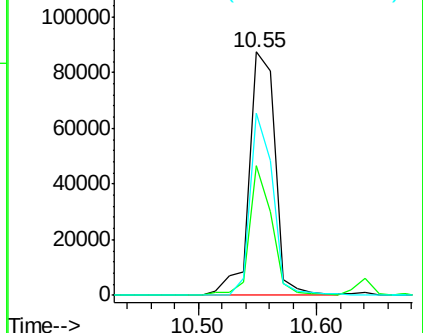
#61
4-Nitroaniline
Concen: 34.21 ng
RT: 10.55 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB85767BS

Tgt Ion:138 Resp: 134184
Ion Ratio Lower Upper
138 100
92 53.4 12.6 52.6#
108 74.6 12.4 52.4#

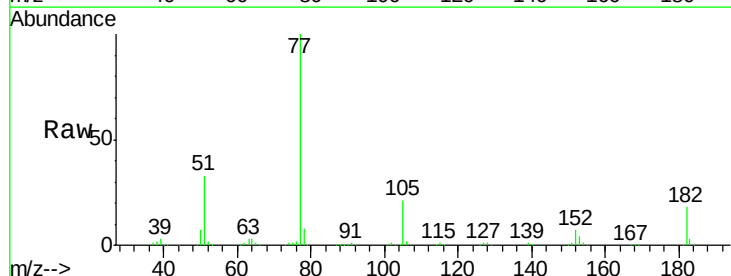


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

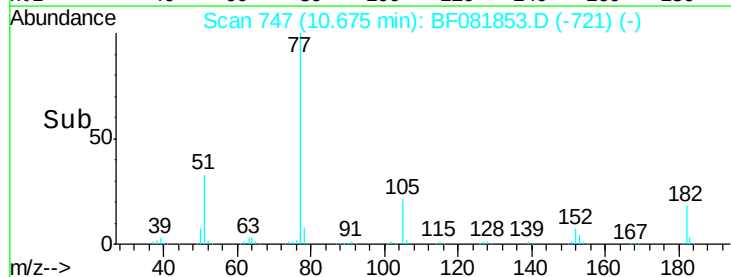
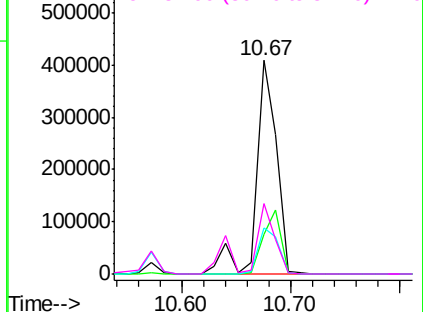


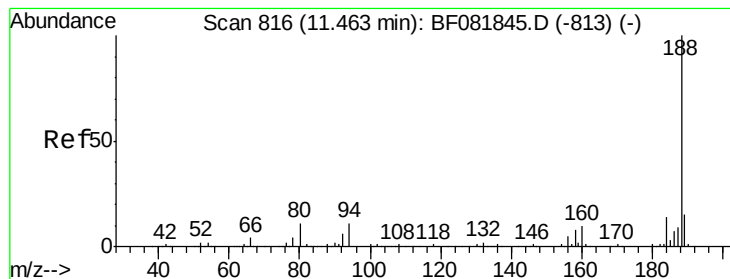
#62
Azobenzene
Concen: 37.84 ng
RT: 10.67 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion: 77 Resp: 537202
Ion Ratio Lower Upper
77 100
182 18.3 15.1 55.1
105 21.4 3.4 43.4
51 33.2 12.0 52.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

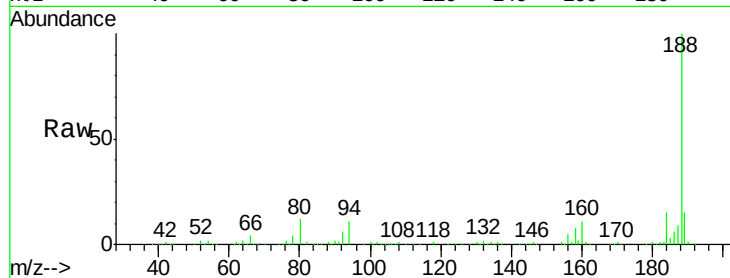
Tgt Ion:188 Resp: 421469

Ion Ratio Lower Upper

188 100

94 10.8 11.1 16.7#

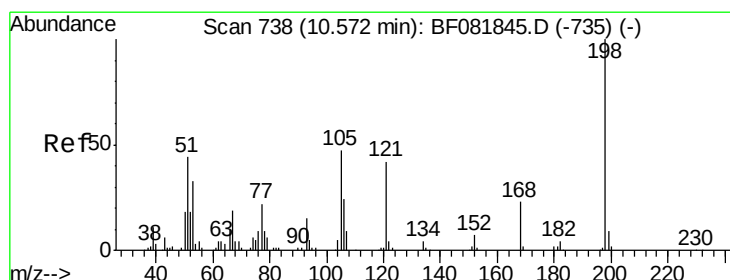
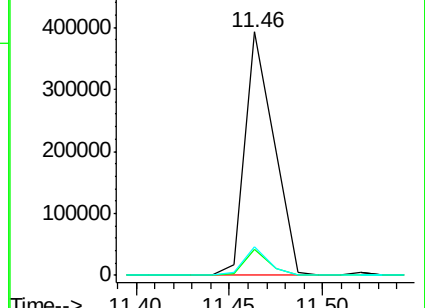
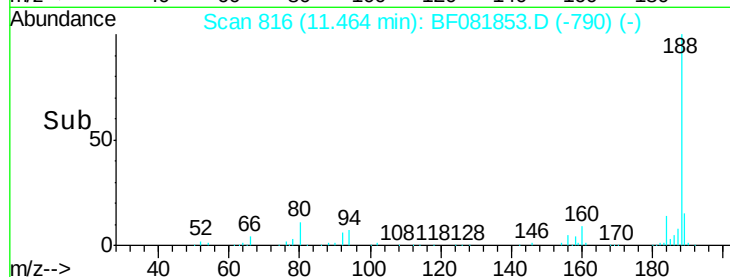
80 11.8 11.0 16.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 41.42 ng

RT: 10.57 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

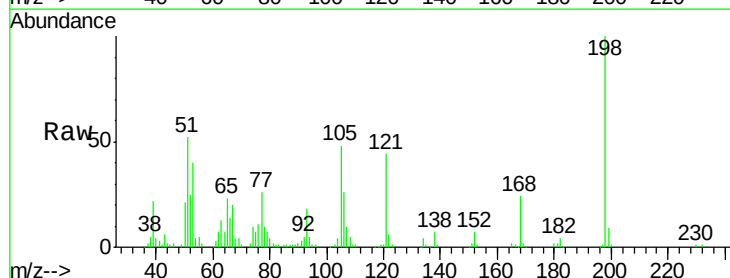
Tgt Ion:198 Resp: 76600

Ion Ratio Lower Upper

198 100

51 52.5 39.6 79.6

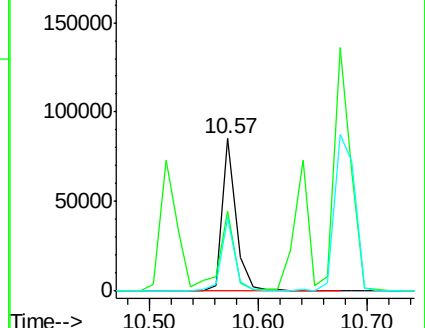
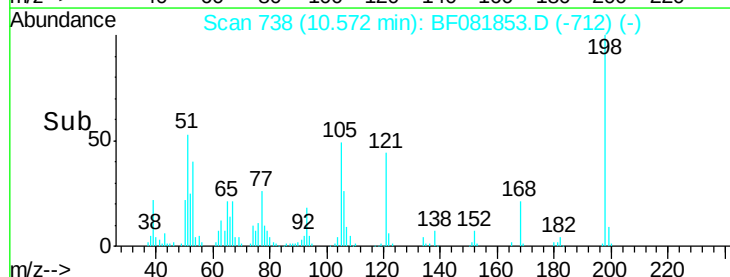
105 48.2 28.5 68.5

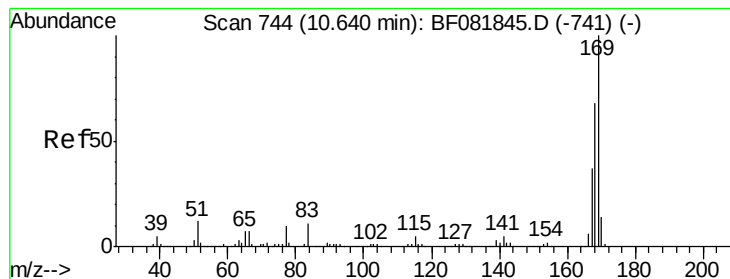


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.58 ng

RT: 10.64 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

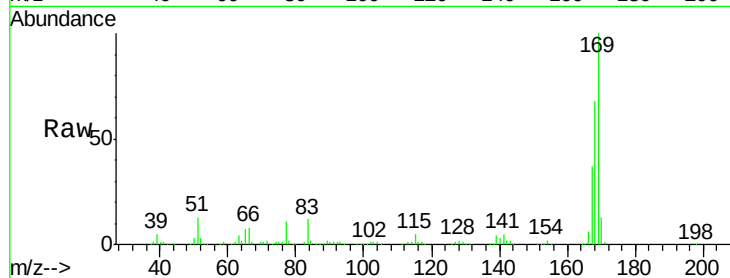
Tgt Ion:169 Resp: 479275

Ion Ratio Lower Upper

169 100

168 67.5 48.9 73.3

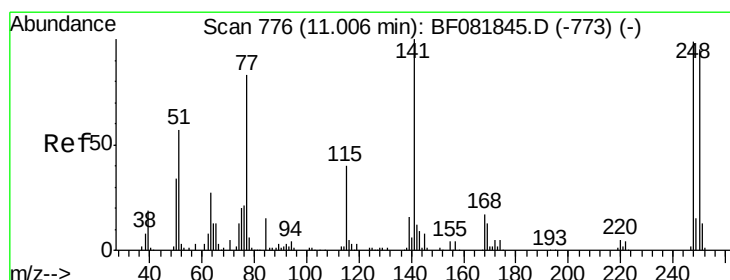
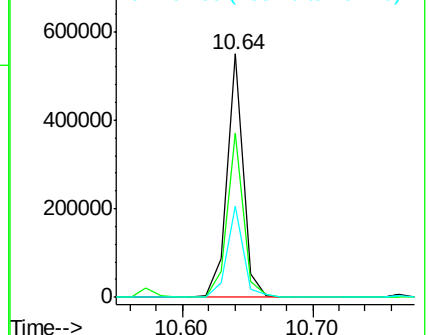
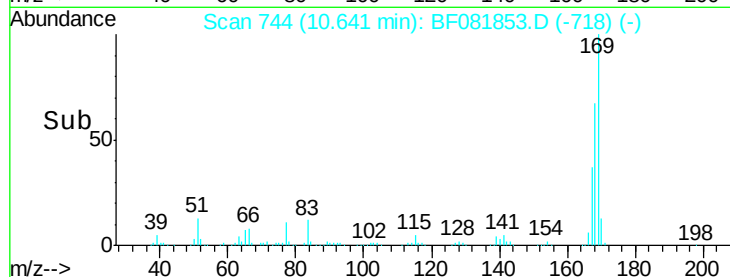
167 37.4 26.2 39.4



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: 38.60 ng

RT: 11.02 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

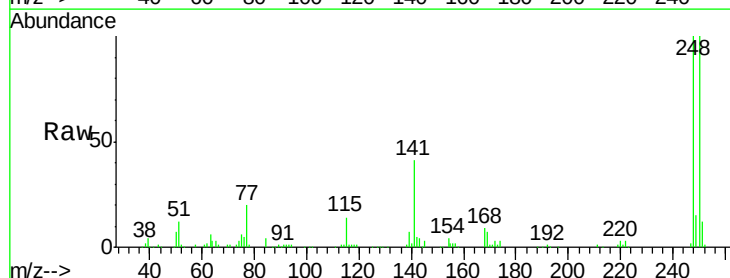
Tgt Ion:248 Resp: 164028

Ion Ratio Lower Upper

248 100

250 100.2 78.5 117.7

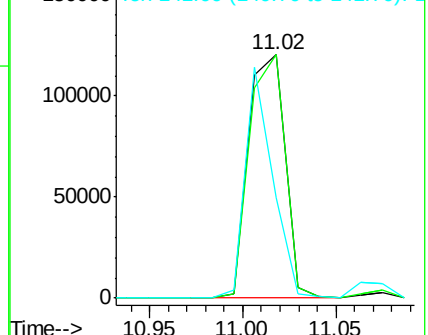
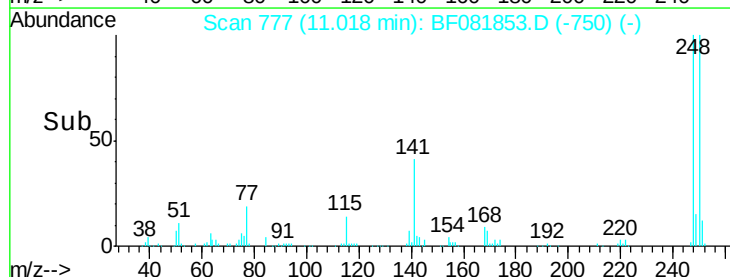
141 41.3 59.0 88.6#

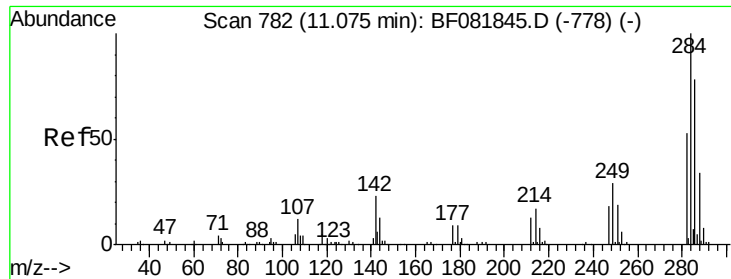


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.08 ng

RT: 11.07 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

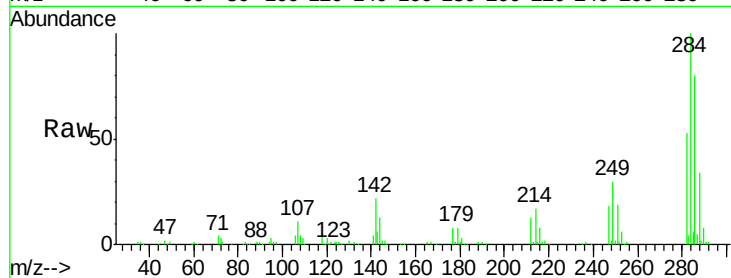
Tgt Ion:284 Resp: 187448

Ion Ratio Lower Upper

284 100

142 21.6 29.5 44.3#

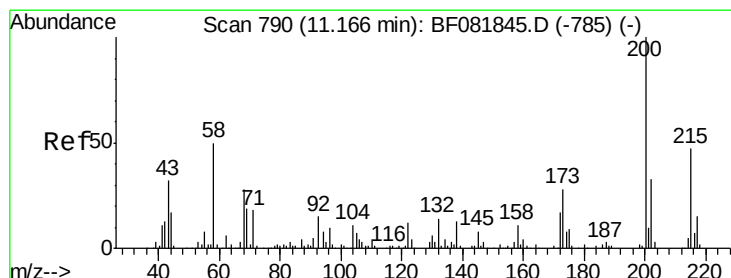
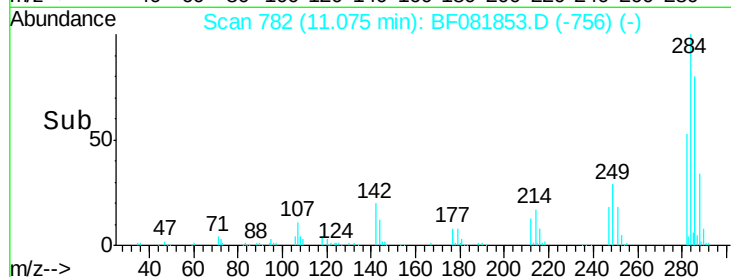
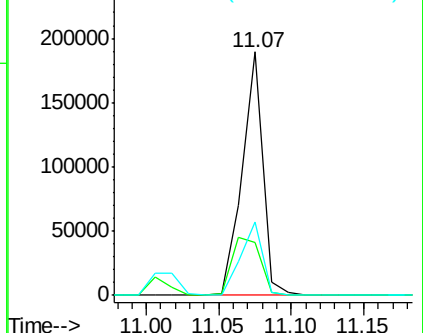
249 30.1 19.5 29.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.96 ng

RT: 11.17 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

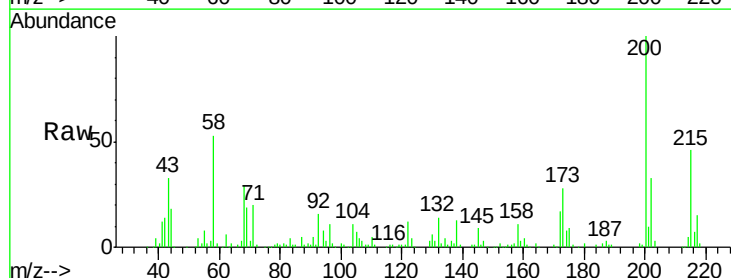
Tgt Ion:200 Resp: 154167

Ion Ratio Lower Upper

200 100

173 27.9 13.2 53.2

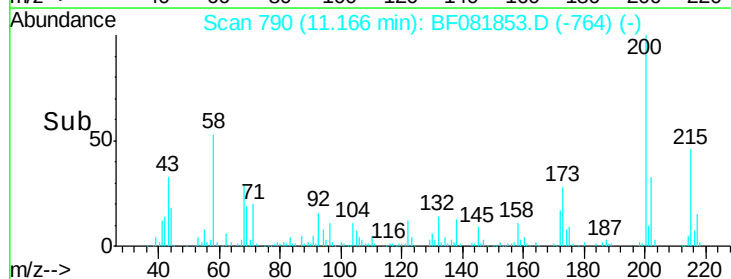
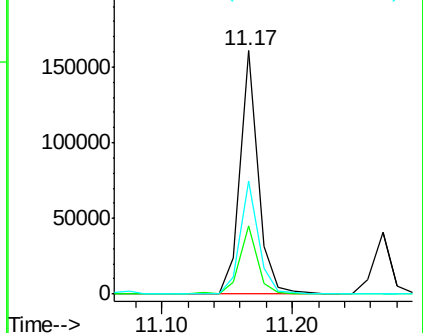
215 46.3 41.8 81.8

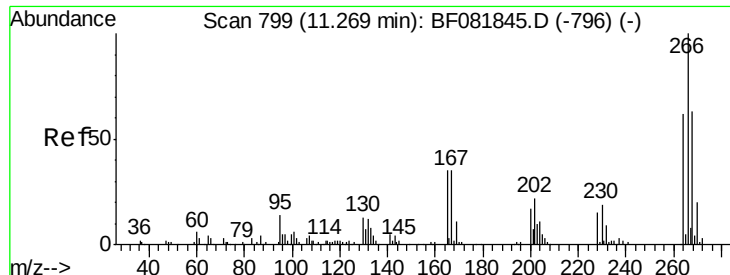


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

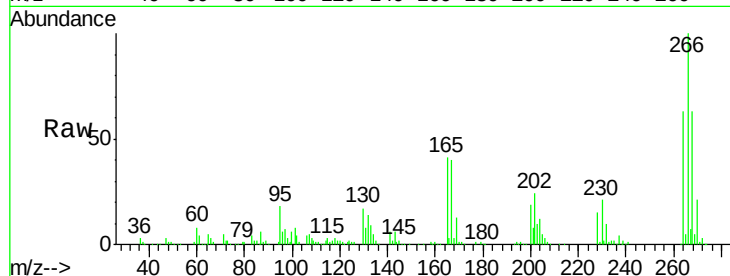




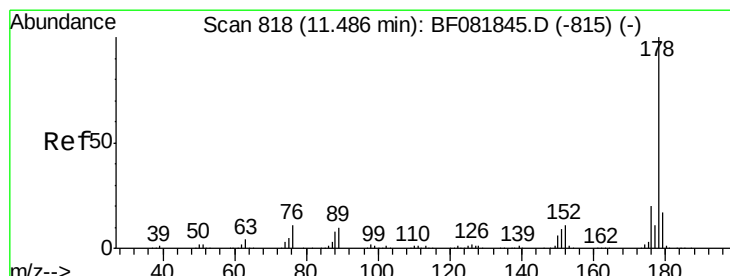
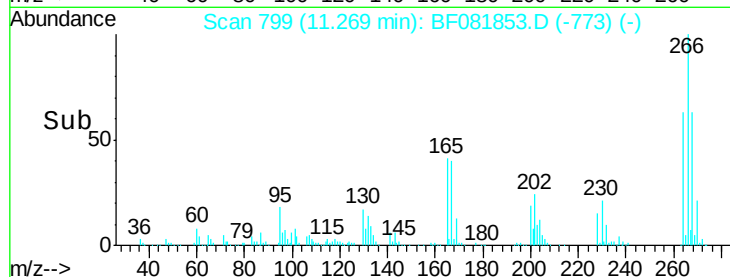
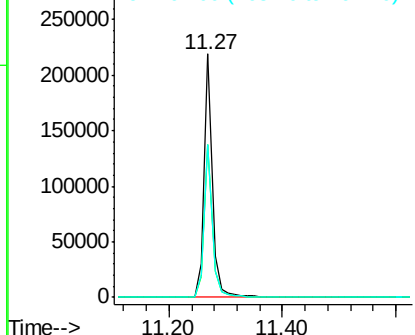
#69
 Pentachlorophenol
 Concen: 77.79 ng
 RT: 11.27 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

Tgt Ion: 266 Resp: 212562
 Ion Ratio Lower Upper
 266 100
 268 62.7 49.8 74.6
 264 62.8 50.2 75.2

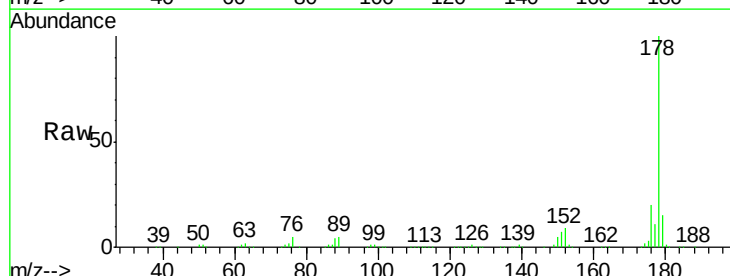


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

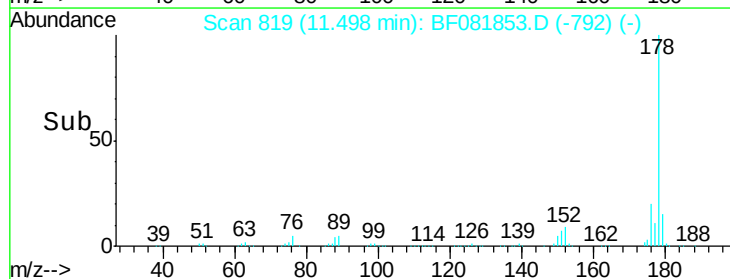
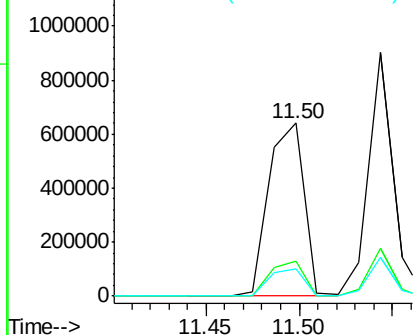


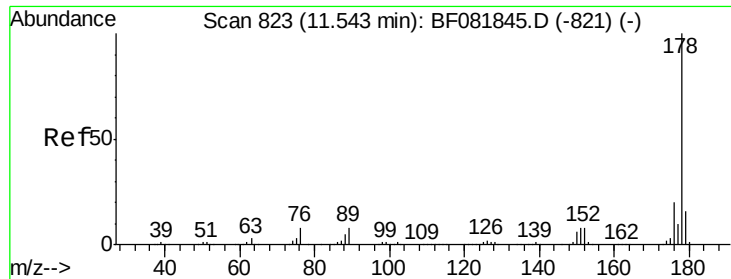
#70
 Phenanthrene
 Concen: 41.34 ng
 RT: 11.50 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion: 178 Resp: 841213
 Ion Ratio Lower Upper
 178 100
 176 20.1 13.8 20.8
 179 15.5 12.2 18.2



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

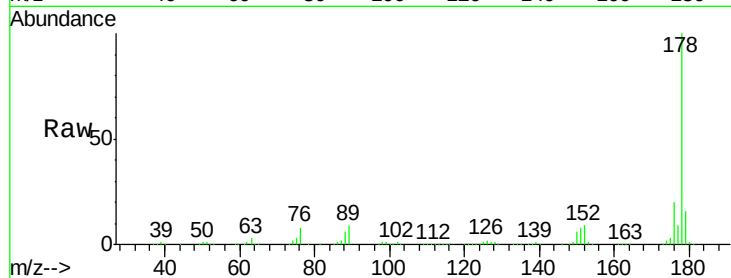




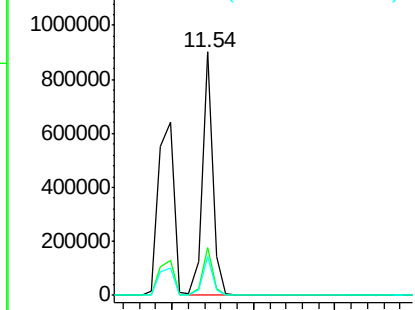
#71
 Anthracene
 Concen: 38.16 ng
 RT: 11.54 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

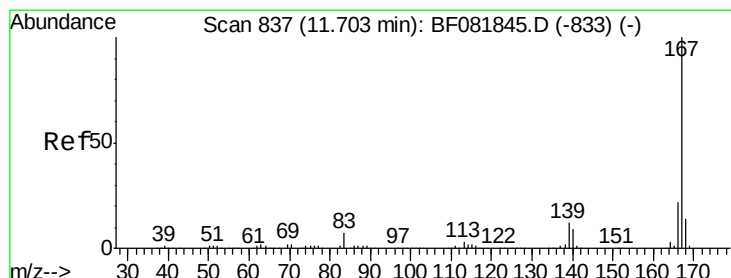
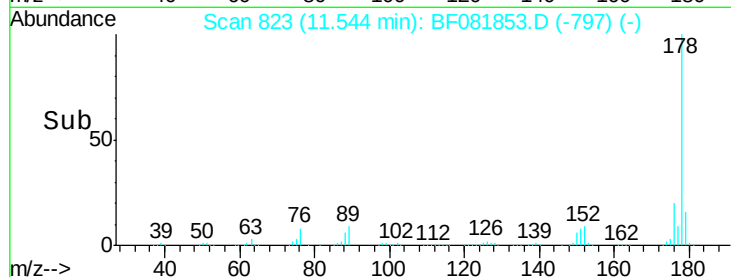
Tgt Ion:178 Resp: 817362
 Ion Ratio Lower Upper
 178 100
 176 19.5 14.1 21.1
 179 15.9 12.2 18.2



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

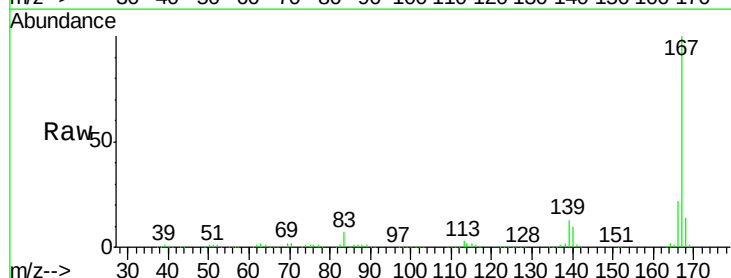


Time-->

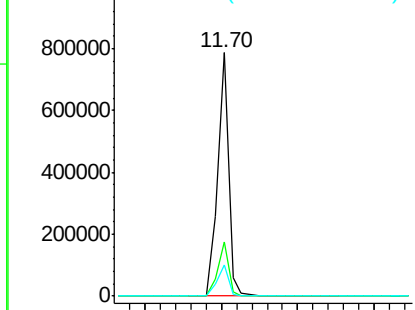


#72
 Carbazole
 Concen: 40.08 ng
 RT: 11.70 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

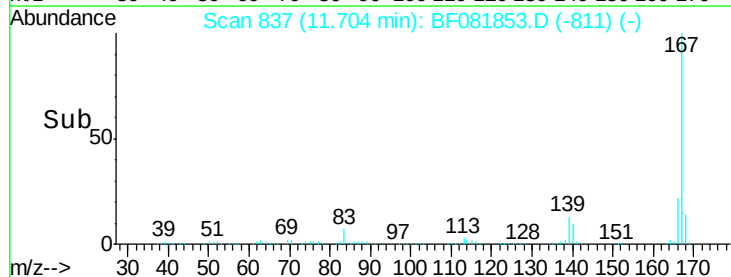
Tgt Ion:167 Resp: 777044
 Ion Ratio Lower Upper
 167 100
 166 22.3 15.7 23.5
 139 12.6 9.5 14.3

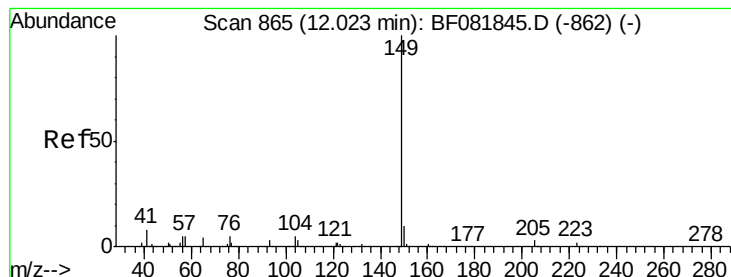


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 40.71 ng

RT: 12.02 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

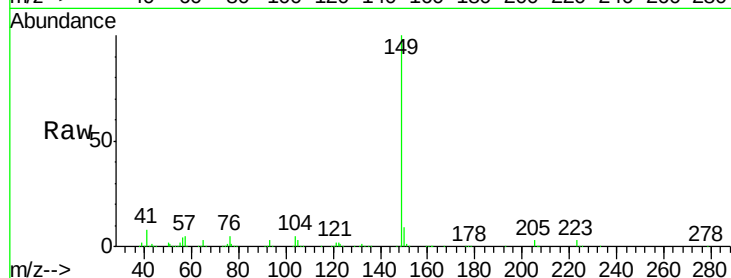
Tgt Ion:149 Resp: 806376

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

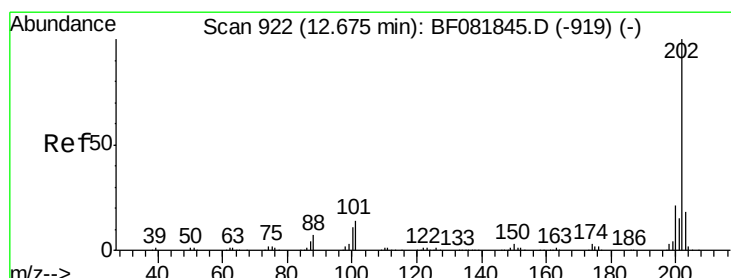
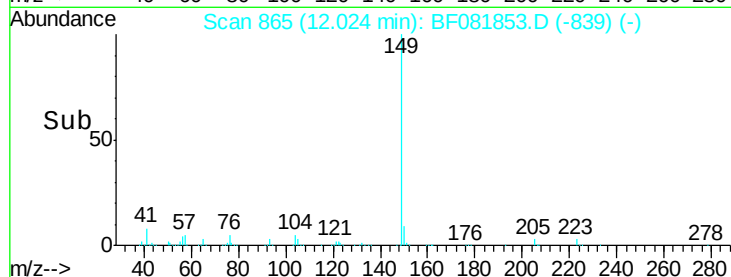
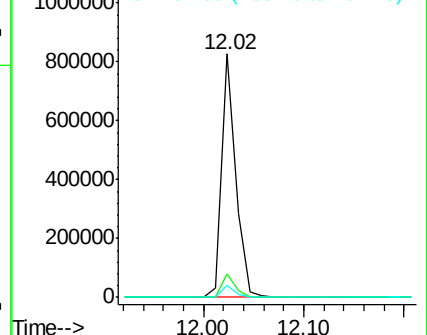
104 4.9 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.99 ng

RT: 12.68 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

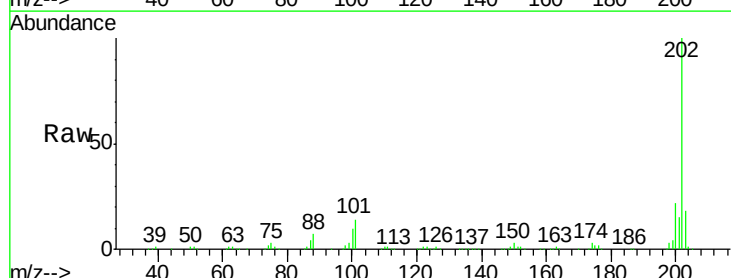
Tgt Ion:202 Resp: 835148

Ion Ratio Lower Upper

202 100

101 13.9 0.0 38.3

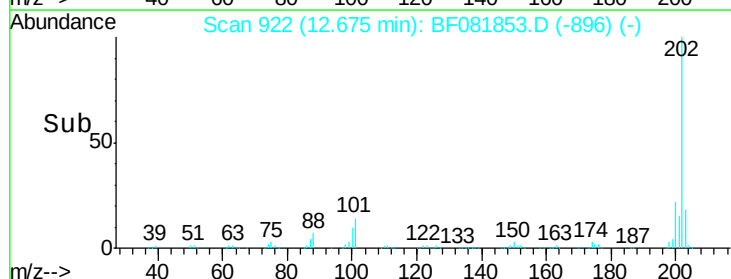
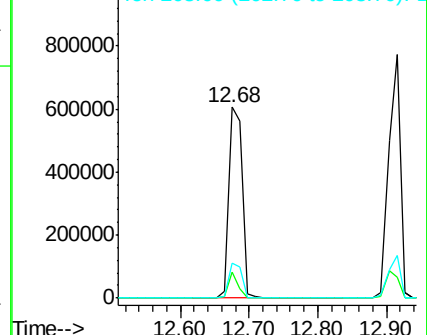
203 18.4 0.0 37.3

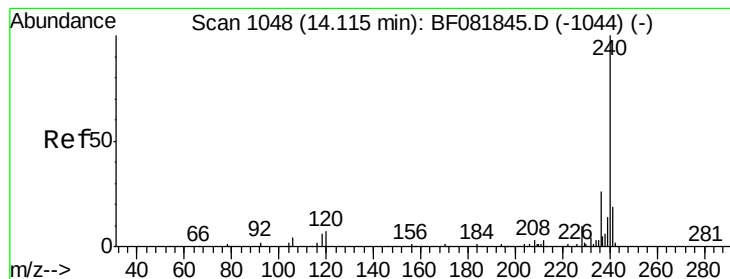


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

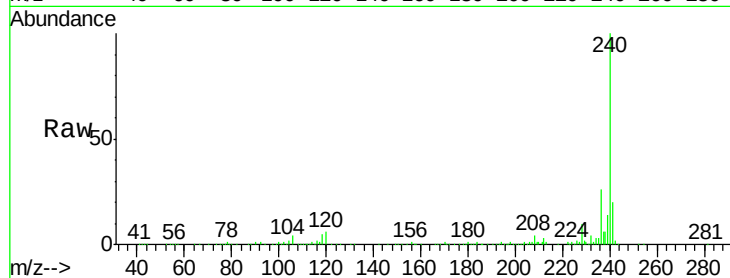
Tgt Ion:240 Resp: 370658

Ion Ratio Lower Upper

240 100

120 6.2 16.2 24.2#

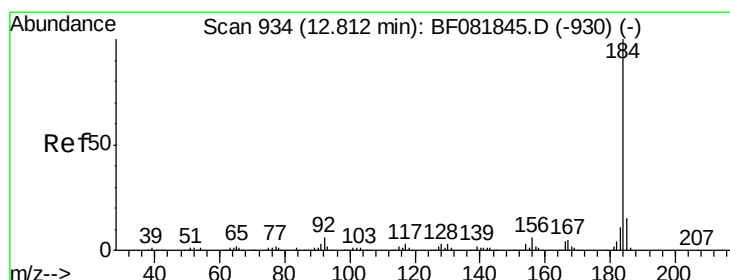
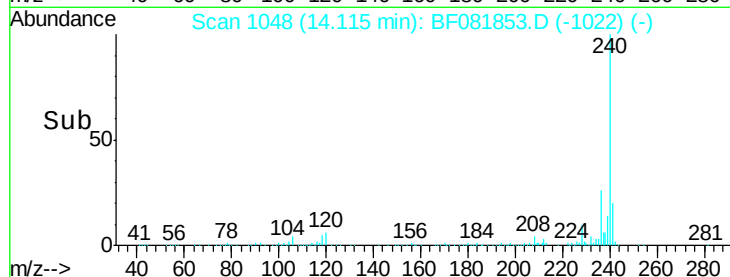
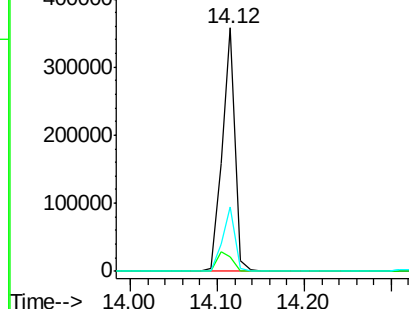
236 26.4 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.96 ng

RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

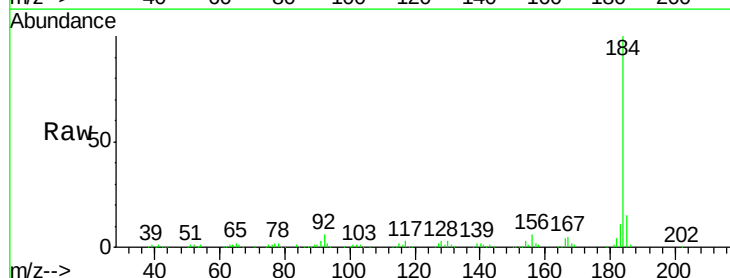
Tgt Ion:184 Resp: 256397

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.6

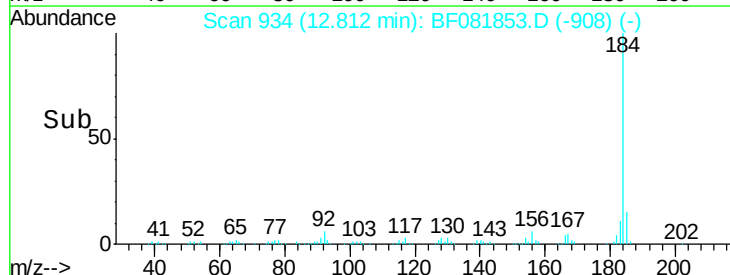
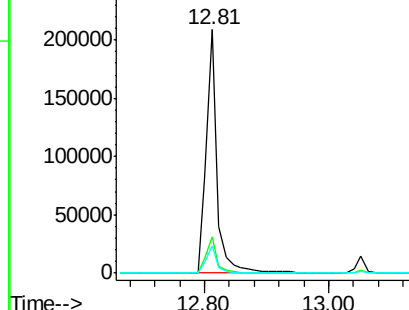
183 11.0 7.6 11.4

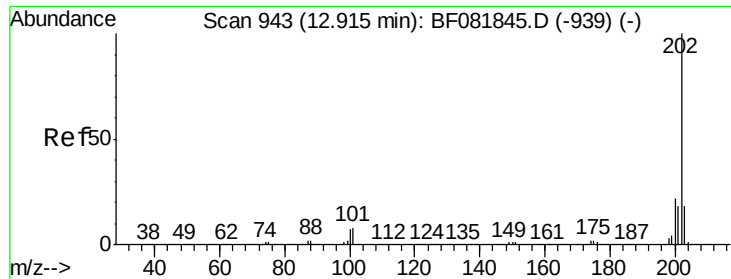


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

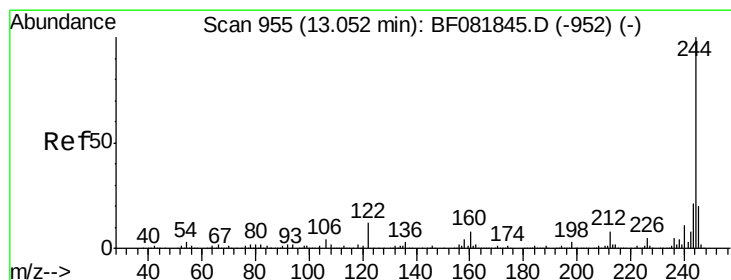
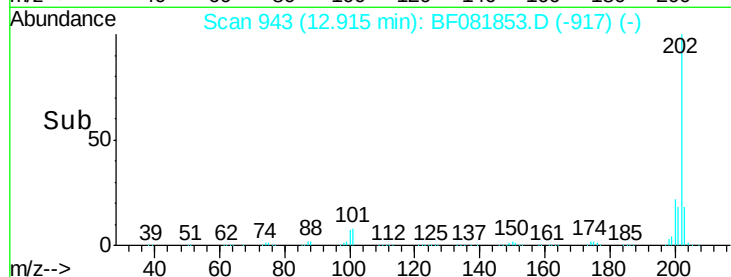
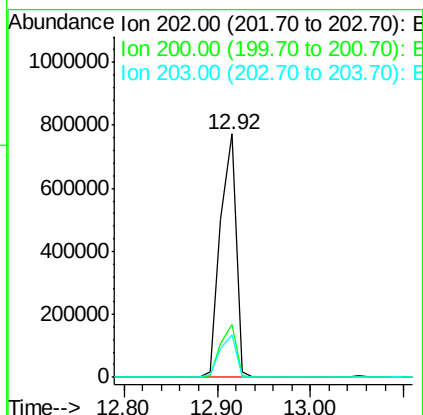
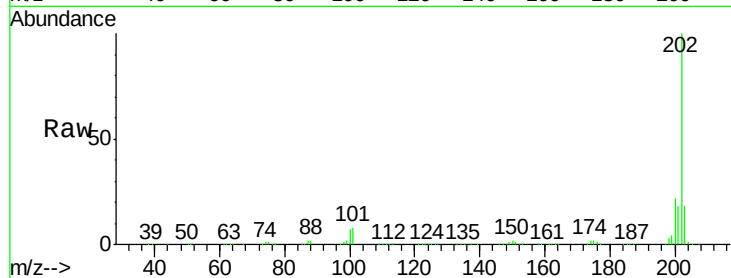




#77
Pyrene
 Concen: 40.92 ng
 RT: 12.92 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

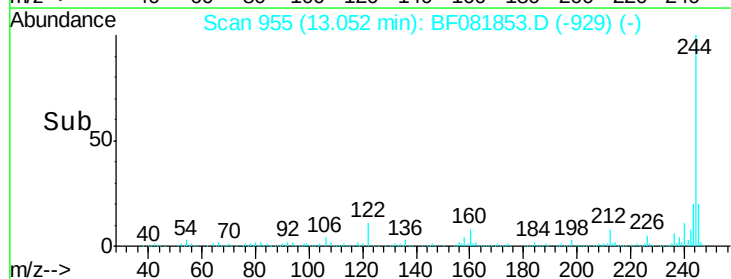
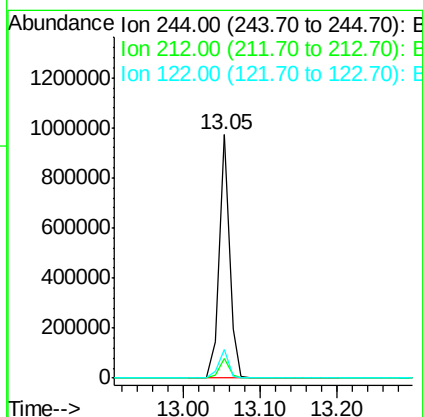
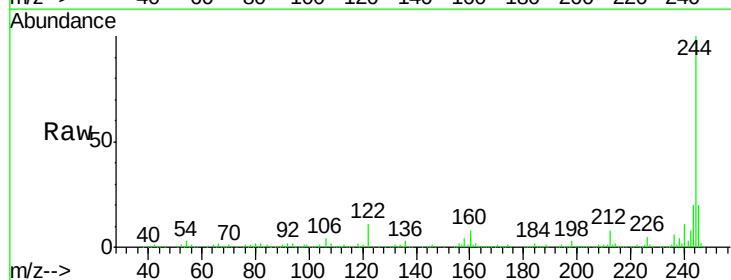
Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

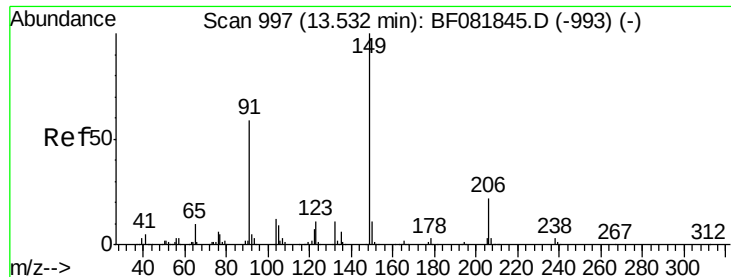
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	15.0	22.4
203	17.6	14.1	21.1



#78
Terphenyl-d14
 Concen: 77.53 ng
 RT: 13.05 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	11.5	17.4	26.2#

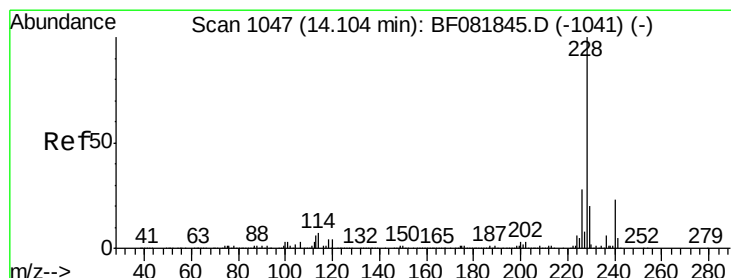
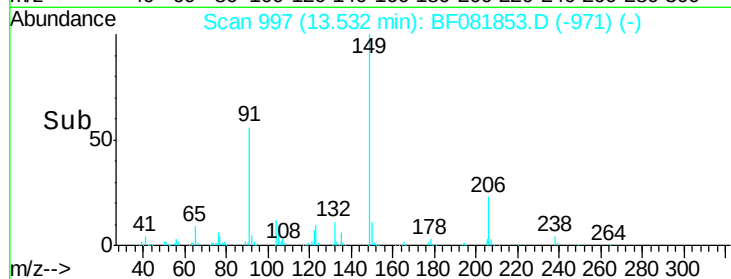
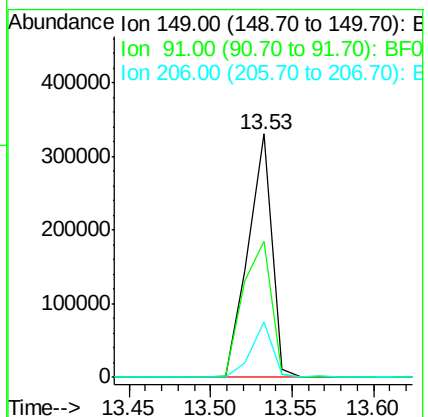
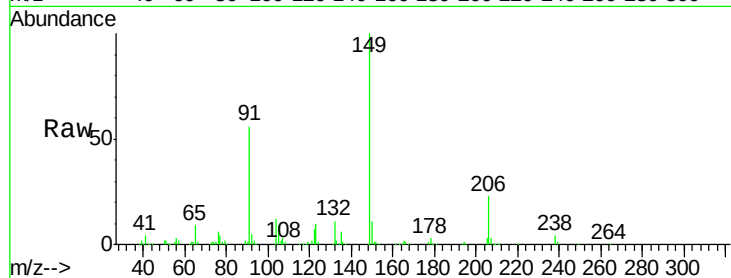




#79
Butylbenzylphthalate
Concen: 40.39 ng
RT: 13.53 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

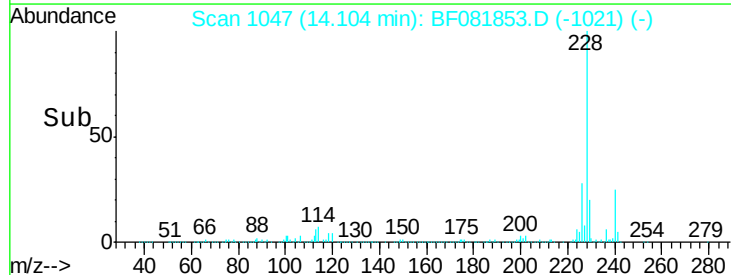
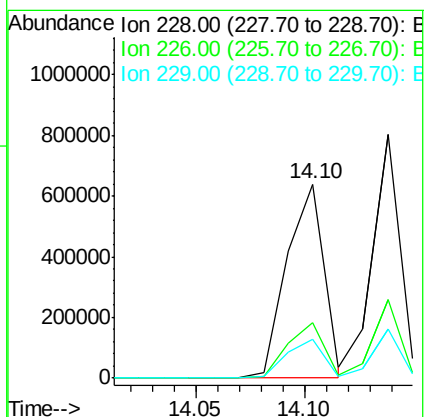
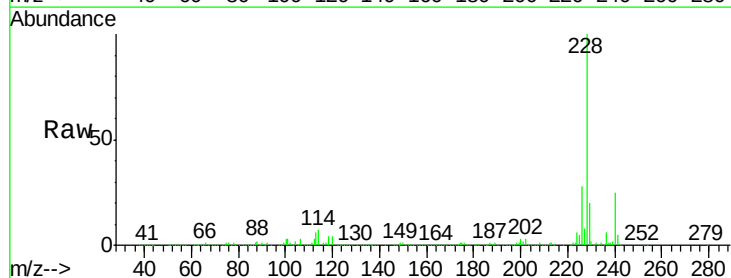
Instrument :
BNA_F
ClientSampleId :
PB85767BS

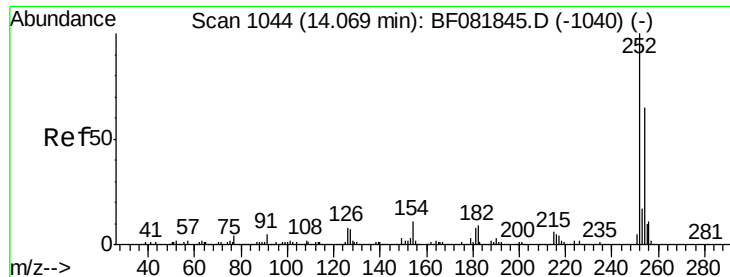
Tgt Ion	Ratio	Lower	Upper
149	100		
91	55.9	48.6	72.8
206	22.9	14.9	22.3#



#80
Benzo(a)anthracene
Concen: 38.18 ng
RT: 14.10 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	20.0	30.0
229	19.9	15.4	23.2

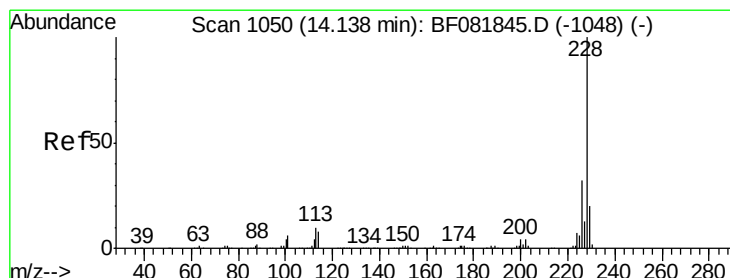
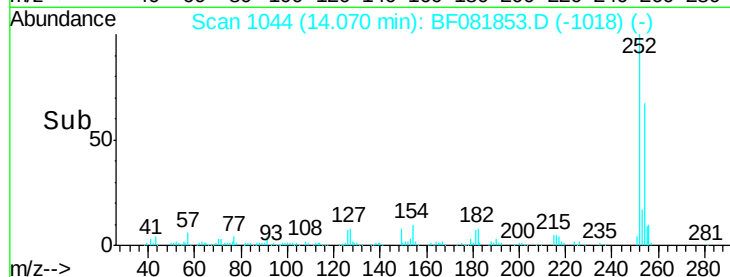
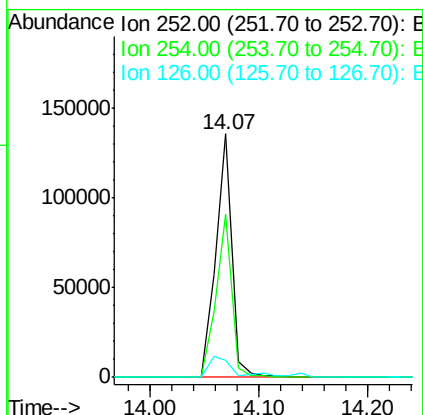
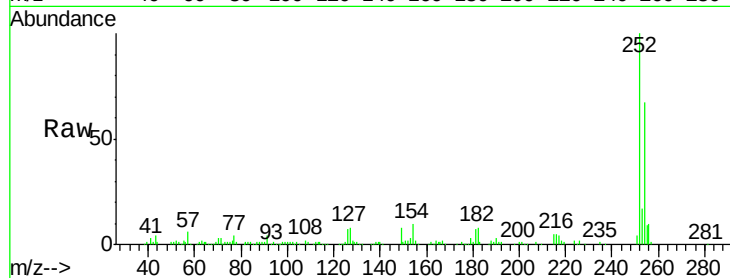




#81
 3,3'-Dichlorobenzidine
 Concen: 21.02 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

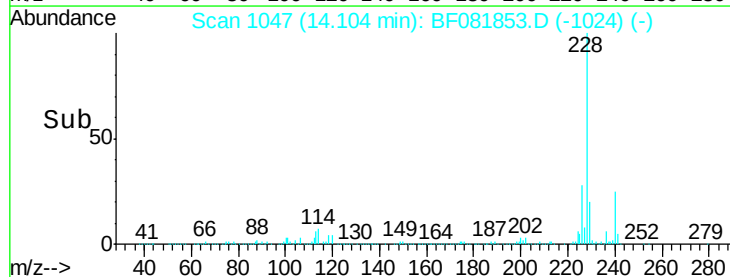
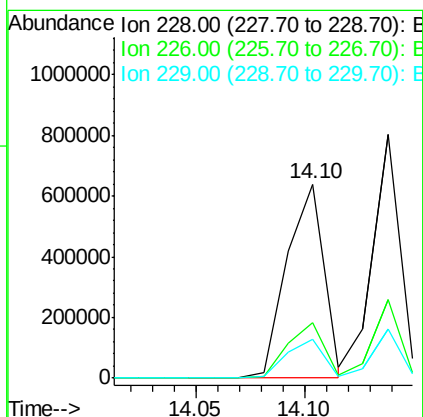
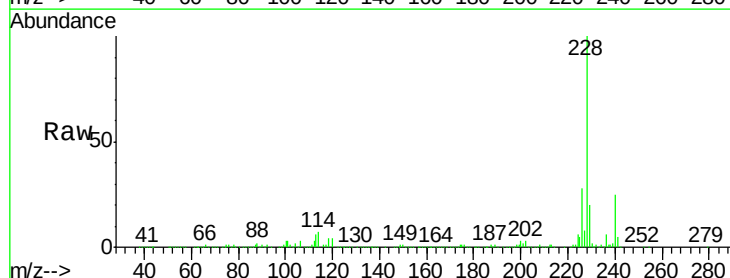
Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

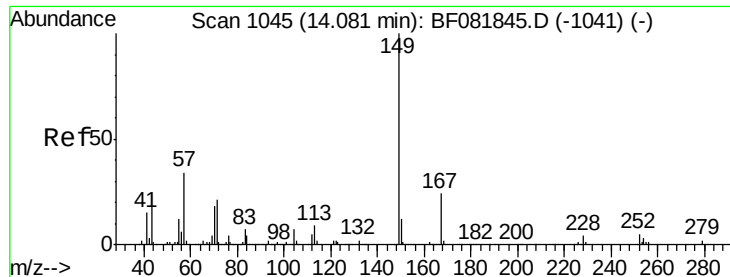
Tgt Ion: 252 Resp: 141728
 Ion Ratio Lower Upper
 252 100
 254 67.1 51.4 77.2
 126 6.9 16.4 24.6#



#82
 Chrysene
 Concen: 42.59 ng
 RT: 14.10 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion: 228 Resp: 762149
 Ion Ratio Lower Upper
 228 100
 226 28.5 21.0 31.4
 229 19.9 15.6 23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.66 ng

RT: 14.08 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

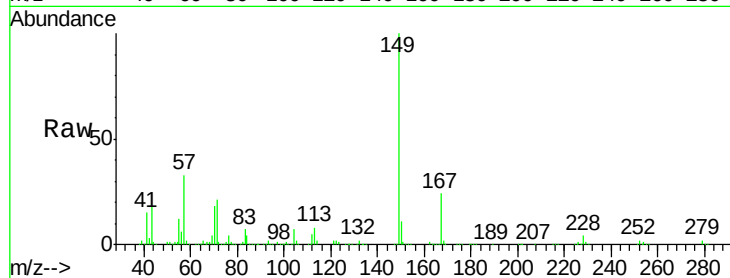
Tgt Ion:149 Resp: 424967

Ion Ratio Lower Upper

149 100

167 24.2 24.2 36.2

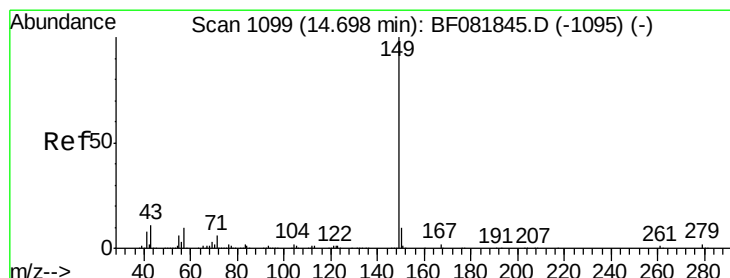
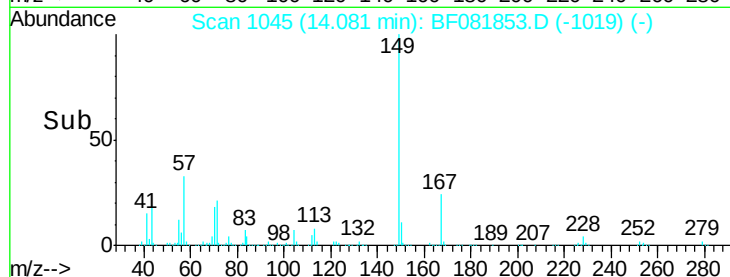
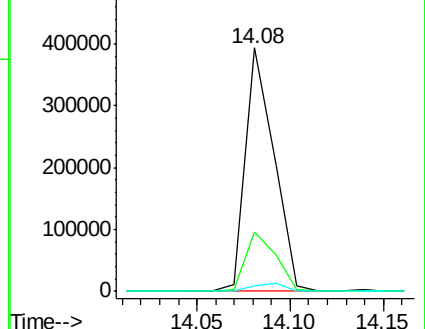
279 2.1 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.41 ng

RT: 14.70 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

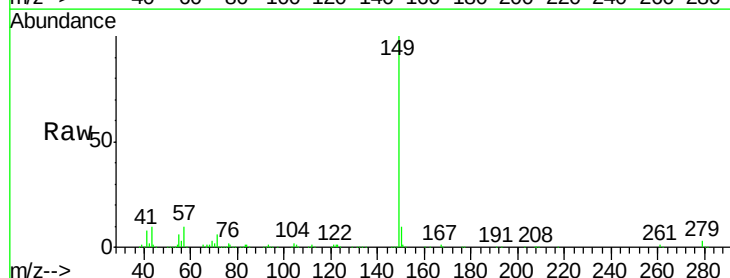
Tgt Ion:149 Resp: 670280

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

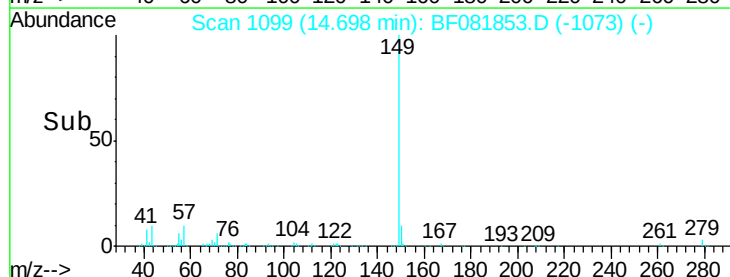
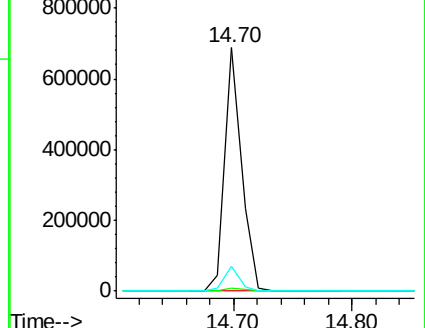
43 9.7 10.2 15.2#

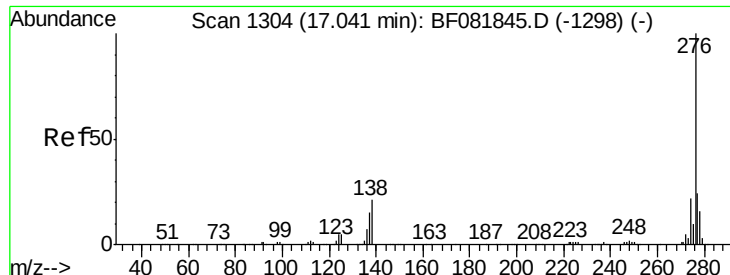


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

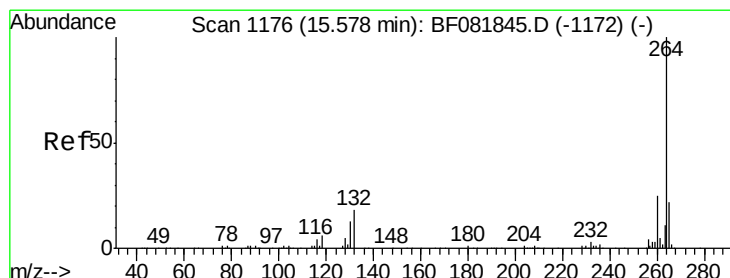
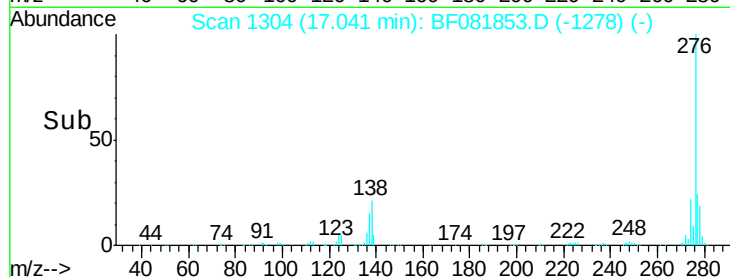
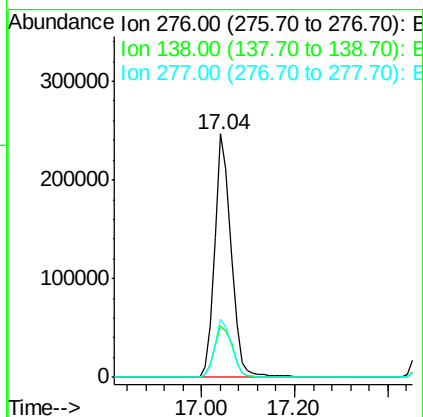
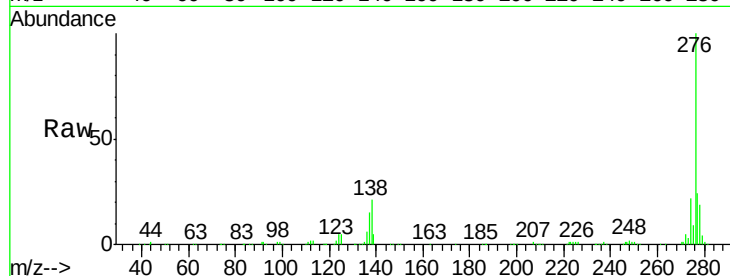




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.72 ng
 RT: 17.04 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

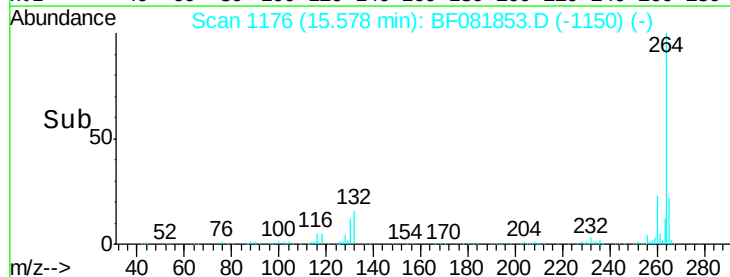
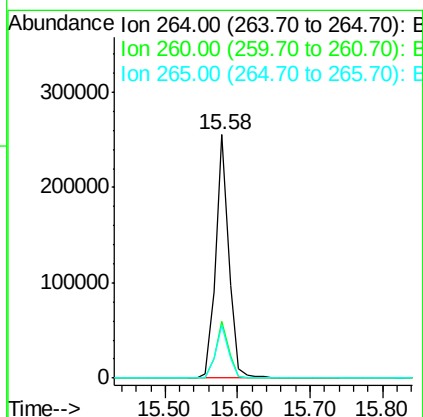
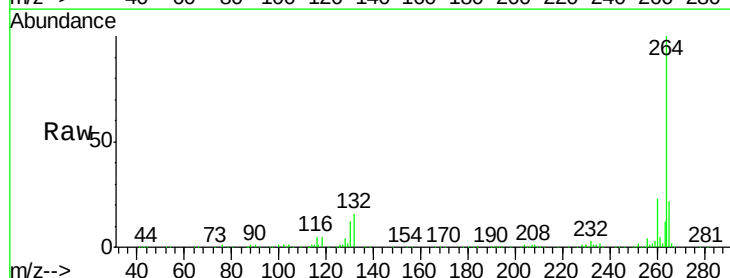
Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

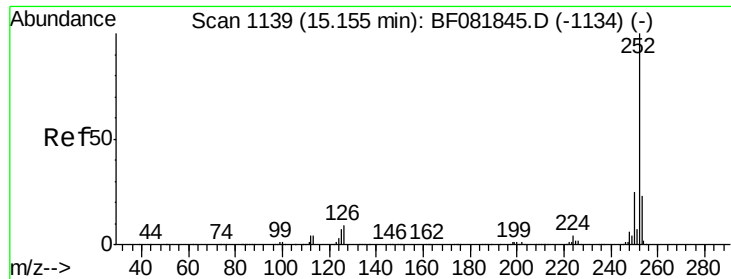
Tgt Ion: 276 Resp: 604622
 Ion Ratio Lower Upper
 276 100
 138 23.6 25.7 38.5#
 277 24.5 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion: 264 Resp: 320467
 Ion Ratio Lower Upper
 264 100
 260 23.5 16.7 25.1
 265 22.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 39.91 ng

RT: 15.16 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

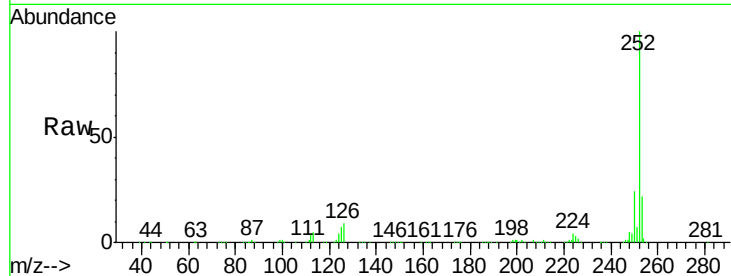
Tgt Ion:252 Resp: 730162

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

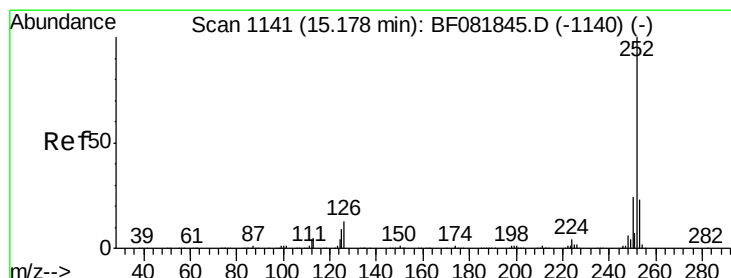
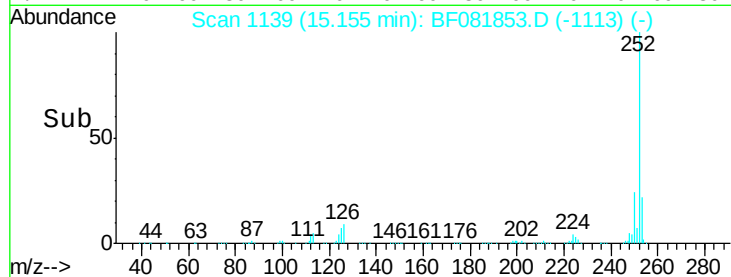
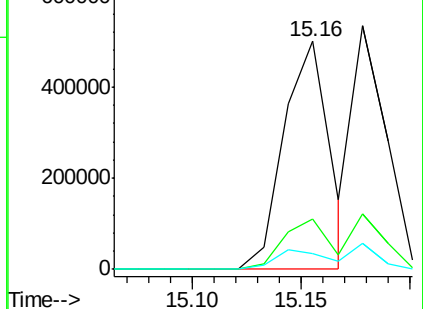
125 6.9 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.54 ng

RT: 15.16 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

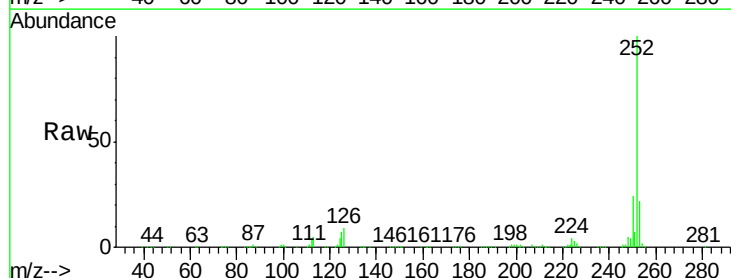
Tgt Ion:252 Resp: 730162

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

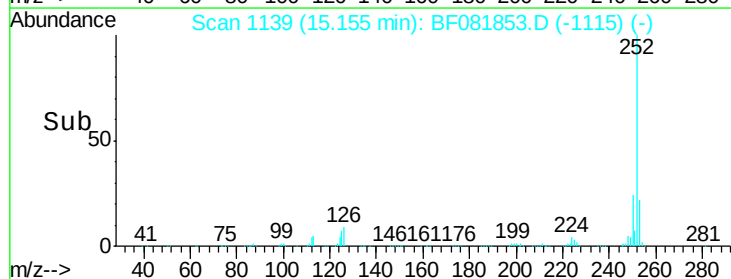
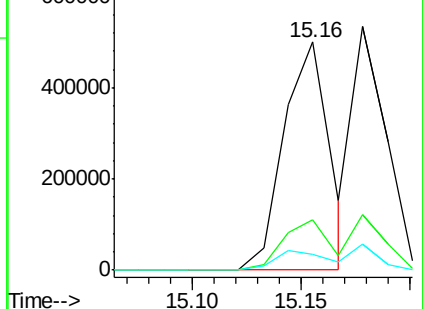
125 6.9 16.0 24.0#

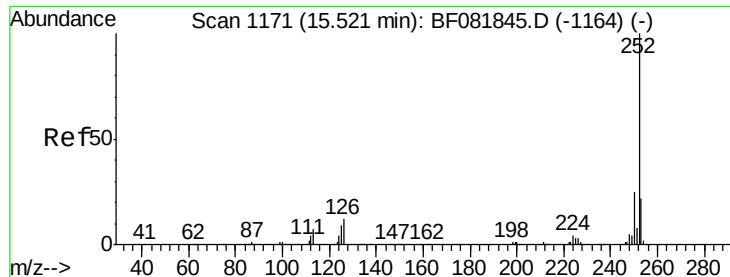


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

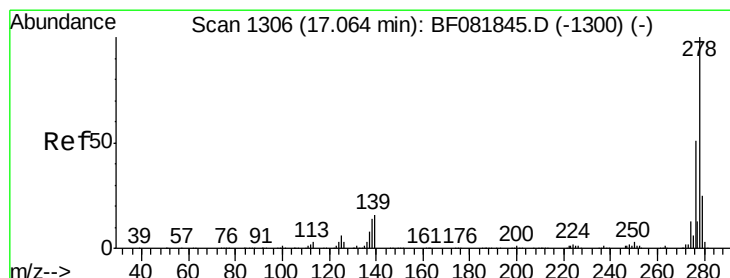
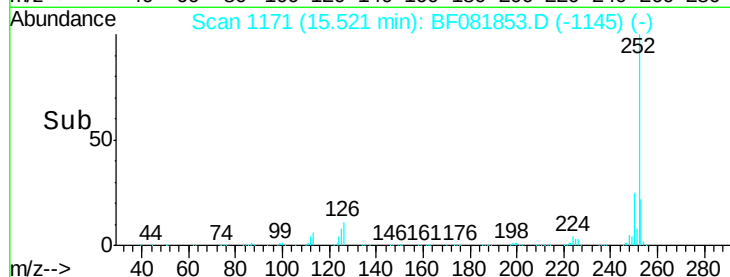
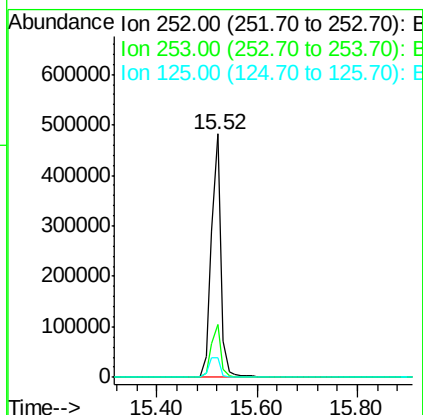
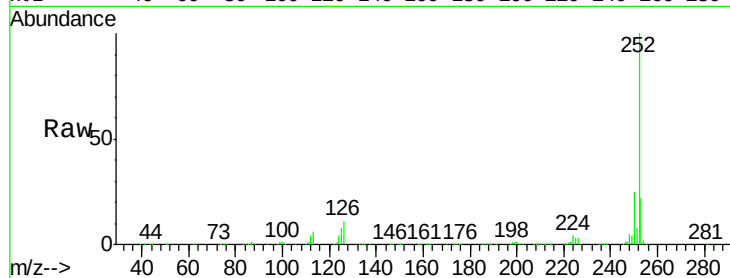




#89
Benzo(a)pyrene
Concen: 39.87 ng
RT: 15.52 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

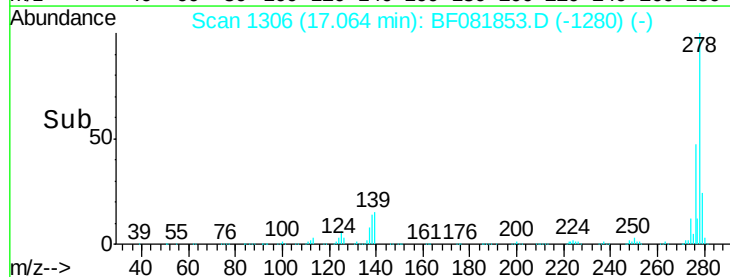
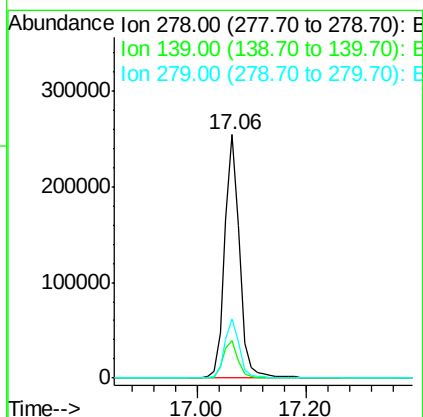
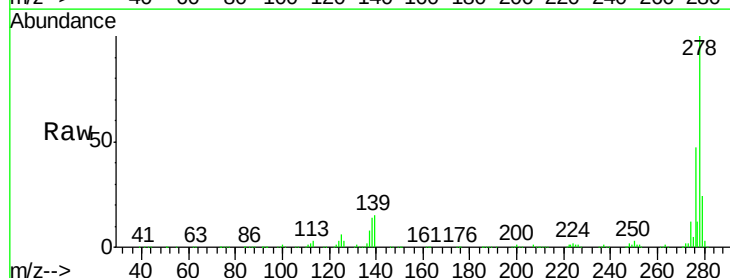
Instrument :
BNA_F
ClientSampleId :
PB85767BS

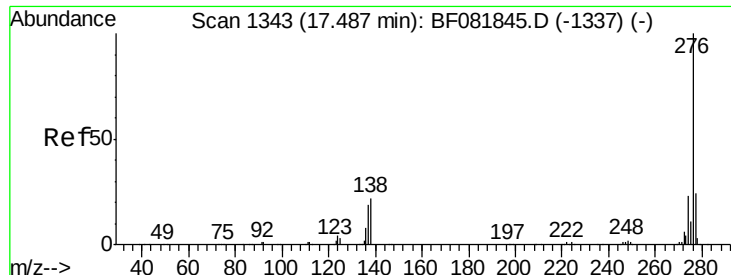
Tgt Ion:252 Resp: 632761
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 8.3 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 36.61 ng
RT: 17.06 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion:278 Resp: 487438
Ion Ratio Lower Upper
278 100
139 15.2 26.3 39.5#
279 24.2 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 36.94 ng

RT: 17.49 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF081853.D

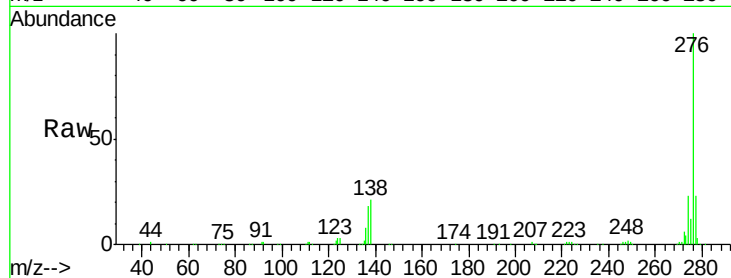
Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS



Tgt Ion:	276	Resp:	504127
Ion Ratio		Lower	Upper
276	100		
277	23.2	17.8	26.6
138	21.4	34.6	51.8#

