

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
 Data File : BF081850.D
 Acq On : 28 Sep 2015 18:42
 Operator : UM/IZ
 Sample : PB85617BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Quant Time: Sep 29 02:15:40 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	95178	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	388607	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	189440	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	366442	20.00	ng	0.00
75) Chrysene-d12	14.12	240	354787	20.00	ng	0.00
86) Perylene-d12	15.58	264	289293	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	450369	85.90	ng	0.01
7) Phenol-d6	6.56	99	582741	88.33	ng	0.00
23) Nitrobenzene-d5	7.50	82	484626	83.13	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	163918	85.44	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1008612	90.15	ng	0.00
78) Terphenyl-d14	13.05	244	950774	87.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	81442	35.72	ng	89
3) Pyridine	3.36	79	210897	35.53	ng	85
4) n-Nitrosodimethylamine	3.31	42	106271	39.41	ng	96
6) Aniline	6.59	93	231896	26.16	ng	# 84
8) 2-Chlorophenol	6.72	128	251530	43.44	ng	97
9) Benzaldehyde	6.48	77	84349	19.52	ng	# 81
10) Phenol	6.57	94	333367	45.05	ng	74
11) bis(2-Chloroethyl)ether	6.66	93	246059	42.87	ng	97
12) 1,3-Dichlorobenzene	6.87	146	291071	42.56	ng	# 94
13) 1,4-Dichlorobenzene	6.95	146	297960	41.72	ng	# 94
14) 1,2-Dichlorobenzene	6.95	146	299532	47.07	ng	96
15) Benzyl Alcohol	7.07	79	210951	44.29	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.21	45	367813	45.33	ng	79
17) 2-Methylphenol	7.19	107	206257	43.94	ng	# 87
18) Hexachloroethane	7.44	117	93537	41.84	ng	# 88
19) n-Nitroso-di-n-propylamine	7.35	70	172587	43.04	ng	# 78
20) 3+4-Methylphenols	7.34	107	264891	44.68	ng	# 61
22) Acetophenone	7.35	105	345311	43.46	ng	# 85
24) Nitrobenzene	7.52	77	272913	43.11	ng	# 74
25) Isophorone	7.75	82	471335	40.79	ng	# 86
26) 2-Nitrophenol	7.84	139	133956	44.08	ng	# 81
27) 2,4-Dimethylphenol	7.87	122	236338	44.21	ng	# 85
28) bis(2-Chloroethoxy)methane	7.97	93	289307	42.16	ng	# 93
29) 2,4-Dichlorophenol	8.08	162	230560	44.48	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	242017	41.82	ng	99
31) Naphthalene	8.24	128	725578	42.14	ng	97
32) Benzoic acid	7.99	122	125682	40.64	ng	# 67
33) 4-Chloroaniline	8.30	127	124211	16.68	ng	# 93
34) Hexachlorobutadiene	8.35	225	144542	42.24	ng	98
35) Caprolactam	8.66	113	66893	46.62	ng	98
36) 4-Chloro-3-methylphenol	8.78	107	240898	47.53	ng	89
37) 2-Methylnaphthalene	8.94	142	515348	43.84	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	239546	41.19	ng	99
40) Hexachlorocyclopentadiene	9.09	237	289258	96.58	ng	97

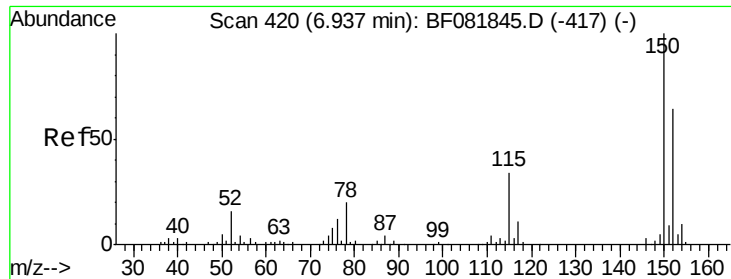
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	169564	42.53	ng	99
43) 2,4,5-Trichlorophenol	9.26	196	182406	44.49	ng #	94
45) 1,1'-Biphenyl	9.39	154	604239	41.34	ng	94
46) 2-Chloronaphthalene	9.43	162	499122	43.49	ng	98
47) 2-Nitroaniline	9.52	65	143350	42.55	ng #	65
48) Acenaphthylene	9.84	152	773080	42.09	ng	96
49) Dimethylphthalate	9.70	163	598496	45.77	ng #	98
50) 2,6-Dinitrotoluene	9.76	165	124458	43.84	ng #	55
51) Acenaphthene	10.01	154	516369	47.34	ng	88
52) 3-Nitroaniline	9.93	138	84506	25.73	ng #	62
53) 2,4-Dinitrophenol	10.05	184	109574	79.54	ng #	79
54) Dibenzofuran	10.18	168	673459	43.69	ng #	87
55) 4-Nitrophenol	10.09	139	207813	87.57	ng #	41
56) 2,4-Dinitrotoluene	10.17	165	184870	51.08	ng #	89
57) Fluorene	10.53	166	515617	46.86	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.30	232	147896	45.47	ng	97
59) Diethylphthalate	10.40	149	571711	46.81	ng	99
60) 4-Chlorophenyl-phenylether	10.53	204	239981	42.53	ng	88
61) 4-Nitroaniline	10.55	138	133818	40.64	ng #	45
62) Azobenzene	10.67	77	548013	45.97	ng	87
64) 4,6-Dinitro-2-methylphenol	10.57	198	80649	48.40	ng	90
65) n-Nitrosodiphenylamine	10.64	169	481730	43.45	ng	91
66) 4-Bromophenyl-phenylether	11.01	248	161582	43.73	ng #	85
67) Hexachlorobenzene	11.07	284	189790	45.51	ng #	80
68) Atrazine	11.17	200	156585	45.52	ng	83
69) Pentachlorophenol	11.27	266	214594	90.32	ng	99
70) Phenanthrene	11.50	178	819283	46.52	ng	97
71) Anthracene	11.54	178	821090	44.09	ng	96
72) Carbazole	11.70	167	793500	47.07	ng	96
73) Di-n-butylphthalate	12.02	149	838612	48.96	ng #	98
74) Fluoranthene	12.69	202	872324	44.44	ng	86
76) Benzidine	12.81	184	252897	23.66	ng	98
77) Pyrene	12.92	202	932397	43.99	ng	96
79) Butylbenzylphthalate	13.53	149	383486	48.08	ng	96
80) Benzo(a)anthracene	14.10	228	803156	42.04	ng	95
81) 3,3'-Dichlorobenzidine	14.07	252	164123	25.44	ng #	92
82) Chrysene	14.14	228	769078	47.46	ng	94
83) Bis(2-ethylhexyl)phthalate	14.08	149	464015	46.38	ng #	90
84) Di-n-octyl phthalate	14.70	149	780768	47.96	ng #	92
85) Indeno(1,2,3-cd)pyrene	17.05	276	654364	43.78	ng #	86
87) Benzo(b)fluoranthene	15.16	252	780969	47.28	ng #	85
88) Benzo(k)fluoranthene	15.16	252	780969	51.59	ng #	85
89) Benzo(a)pyrene	15.52	252	671204	46.85	ng #	86
90) Dibenzo(a,h)anthracene	17.06	278	535721	44.57	ng #	81
91) Benzo(g,h,i)perylene	17.50	276	547469	44.44	ng #	74

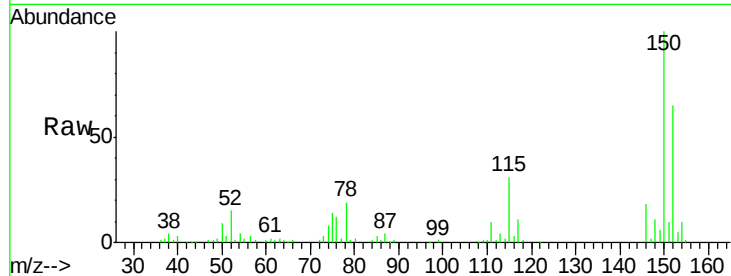
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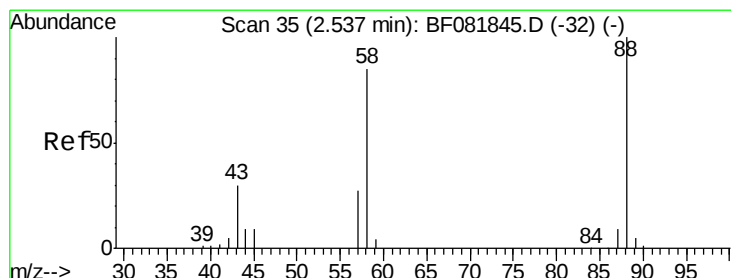
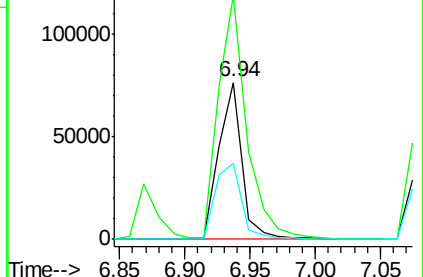
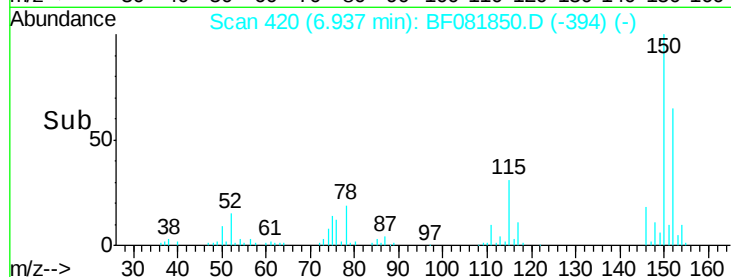
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Tgt Ion:152 Resp: 95178
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.7 187.1
 115 48.6 39.0 58.4

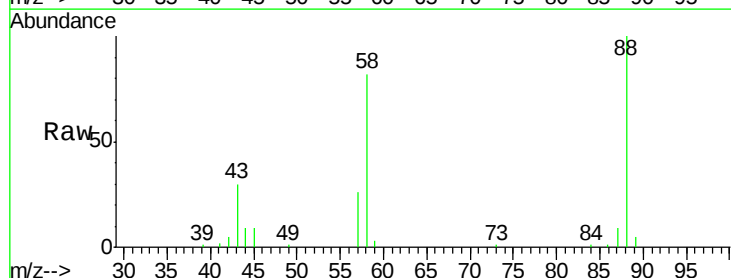


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

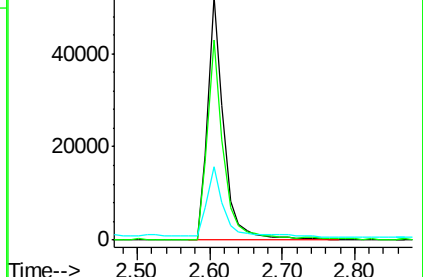
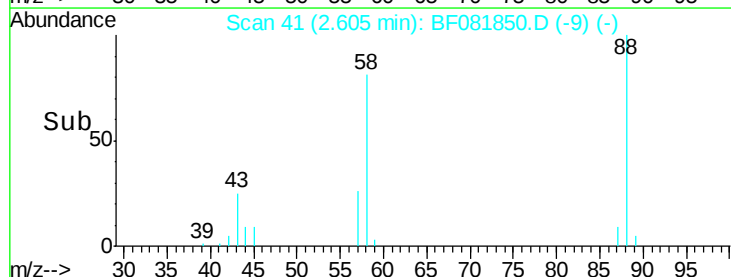


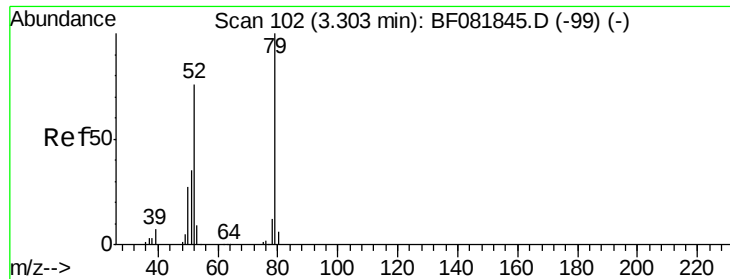
#2
 1,4-Dioxane
 Concen: 35.72 ng
 RT: 2.61 min Scan# 41
 Delta R.T. 0.07 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion: 88 Resp: 81442
 Ion Ratio Lower Upper
 88 100
 58 82.2 77.7 116.5
 43 33.5 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: 35.53 ng

RT: 3.36 min Scan# 107

Delta R.T. 0.06 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

ClientSampleId :

PB85617BS

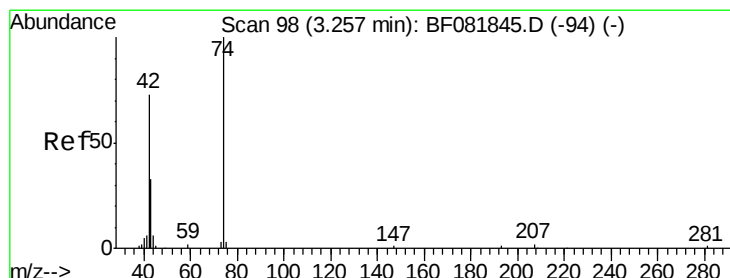
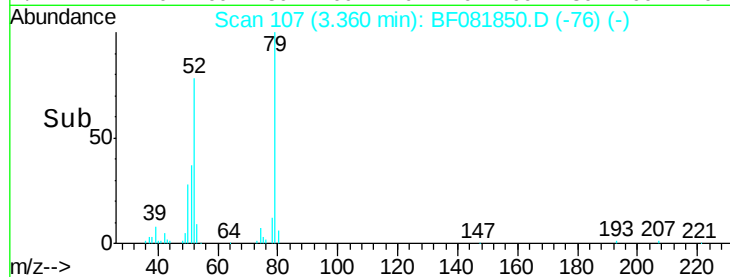
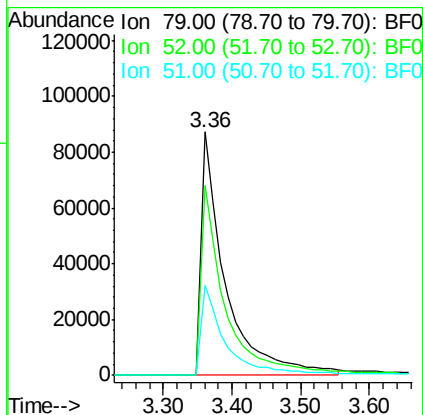
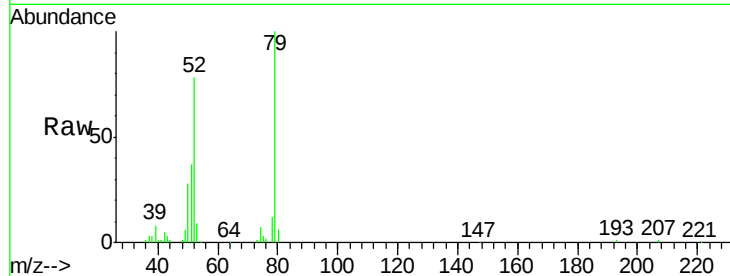
Tgt Ion: 79 Resp: 210897

Ion Ratio Lower Upper

79 100

52 78.2 76.8 115.2

51 36.7 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 39.41 ng

RT: 3.31 min Scan# 103

Delta R.T. 0.06 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

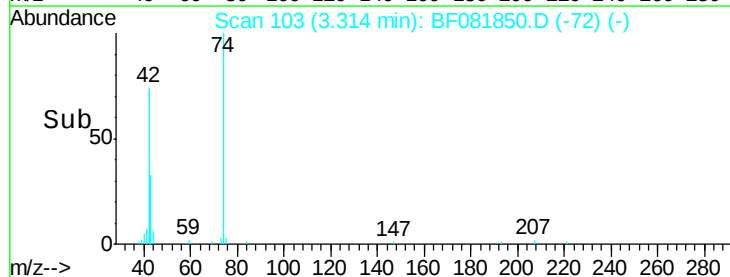
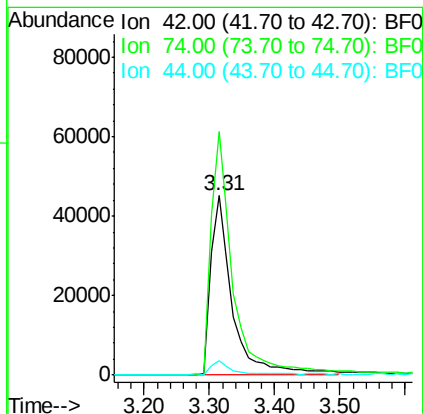
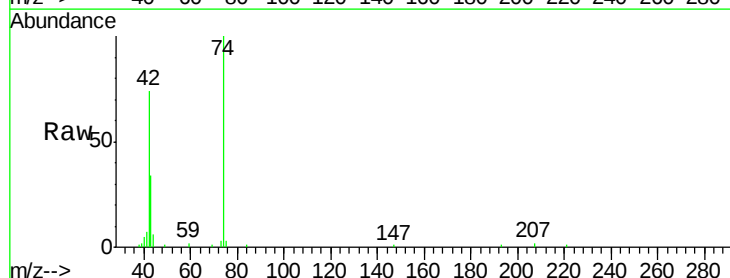
Tgt Ion: 42 Resp: 106271

Ion Ratio Lower Upper

42 100

74 135.8 105.0 157.6

44 7.9 6.6 10.0





#5

2-Fluorophenol

Concen: 85.90 ng

RT: 5.53 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

ClientSampleId :

PB85617BS

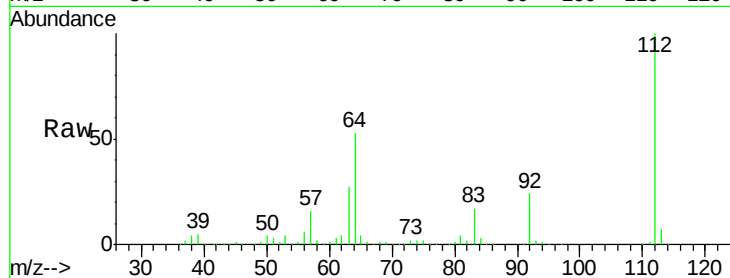
Tgt Ion: 112 Resp: 450369

Ion Ratio Lower Upper

112 100

64 53.0 39.7 59.5

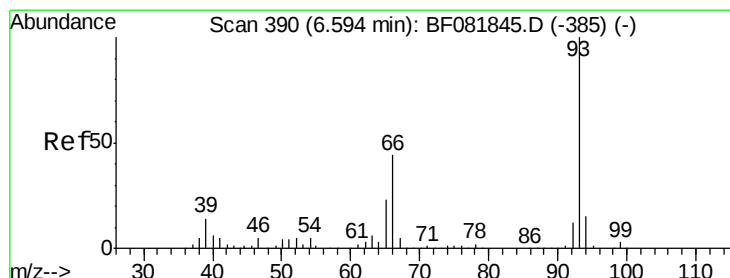
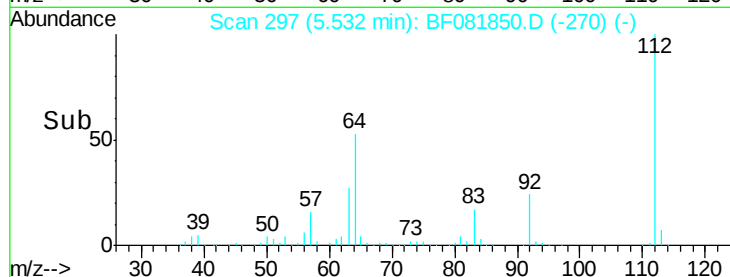
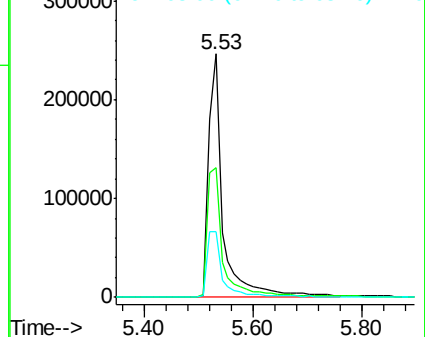
63 27.2 17.4 26.0#



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: 26.16 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

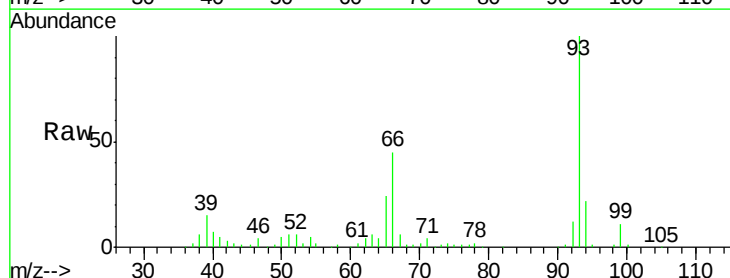
Tgt Ion: 93 Resp: 231896

Ion Ratio Lower Upper

93 100

66 44.8 27.2 40.8#

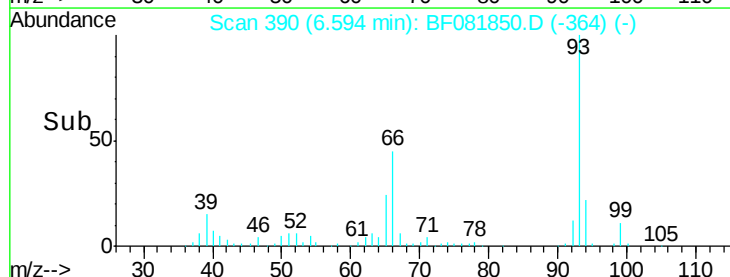
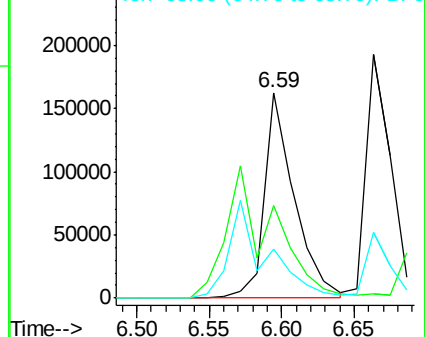
65 23.8 14.7 22.1#

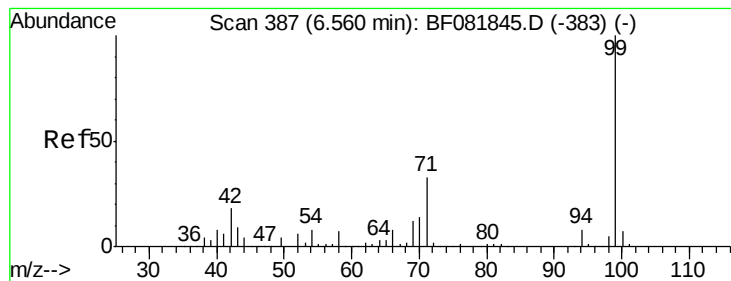


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 88.33 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

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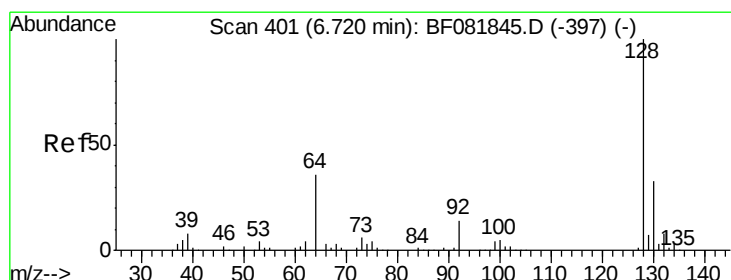
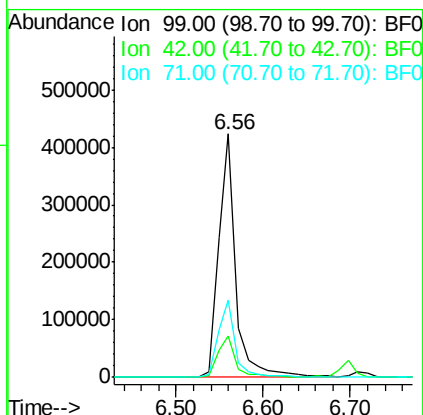
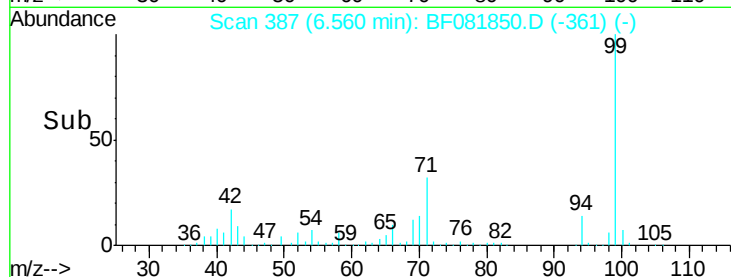
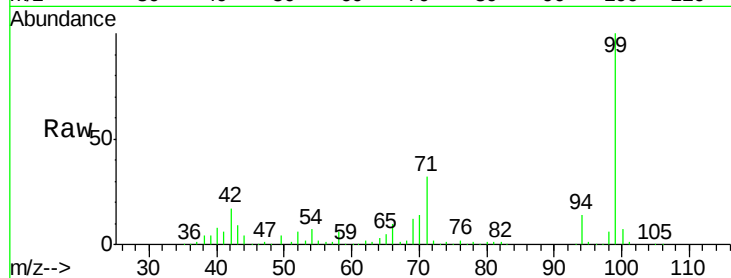
Tgt Ion: 99 Resp: 582741

Ion Ratio Lower Upper

99 100

42 17.0 13.7 20.5

71 31.6 14.2 21.2#



#8

2-Chlorophenol

Concen: 43.44 ng

RT: 6.72 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

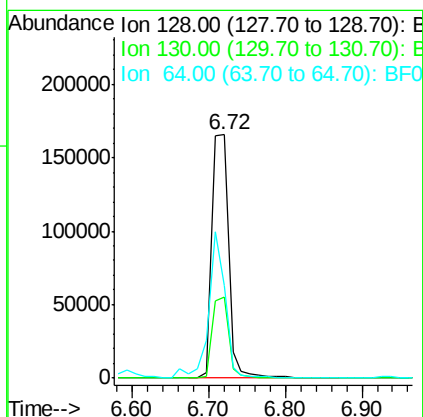
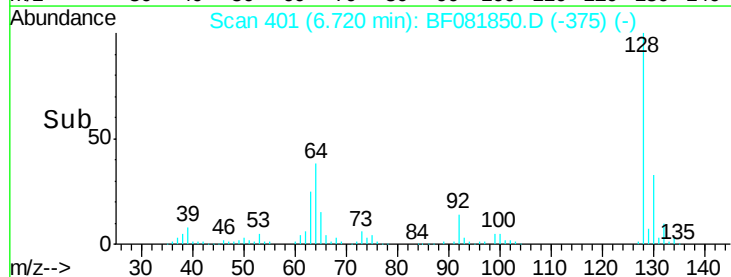
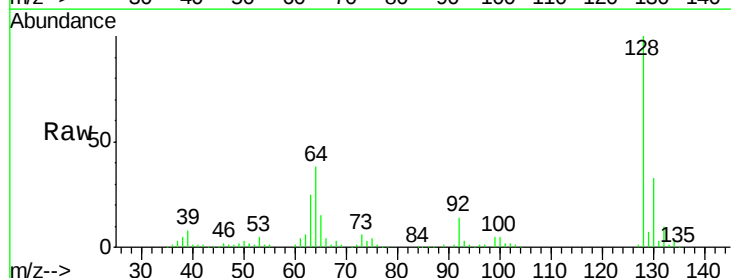
Tgt Ion: 128 Resp: 251530

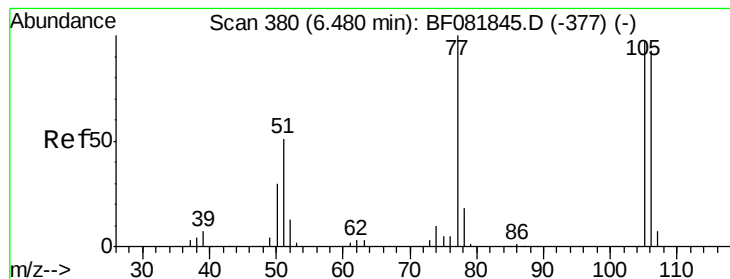
Ion Ratio Lower Upper

128 100

130 33.4 12.2 52.2

64 37.9 20.5 60.5





#9

Benzaldehyde

Concen: 19.52 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

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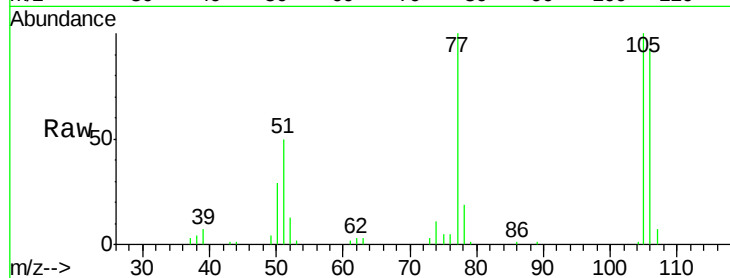
Tgt Ion: 77 Resp: 84349

Ion Ratio Lower Upper

77 100

105 100.1 91.6 131.6

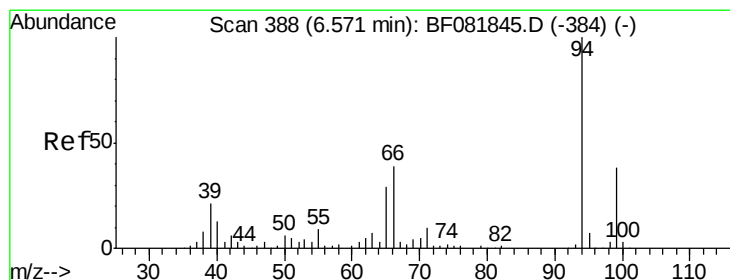
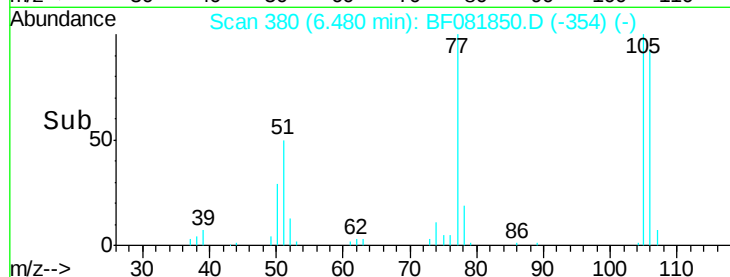
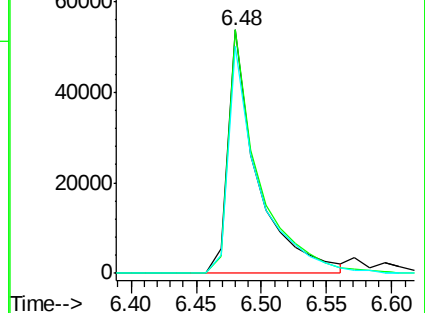
106 93.3 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.05 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

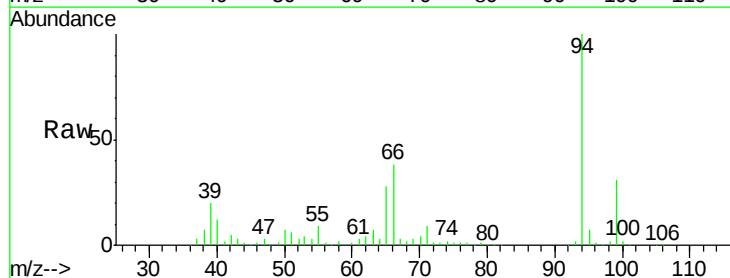
Tgt Ion: 94 Resp: 333367

Ion Ratio Lower Upper

94 100

65 28.1 0.7 40.7

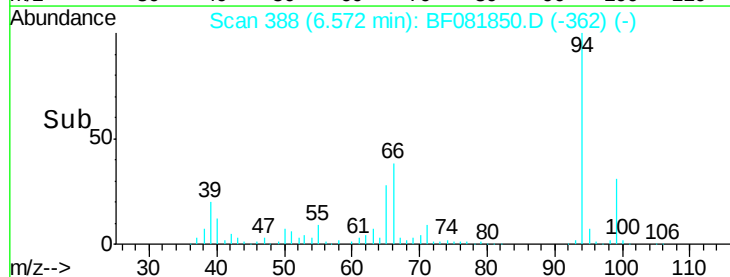
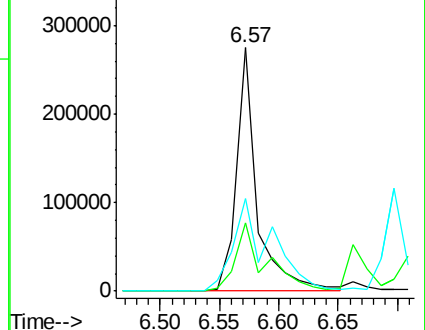
66 38.0 0.8 40.8



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

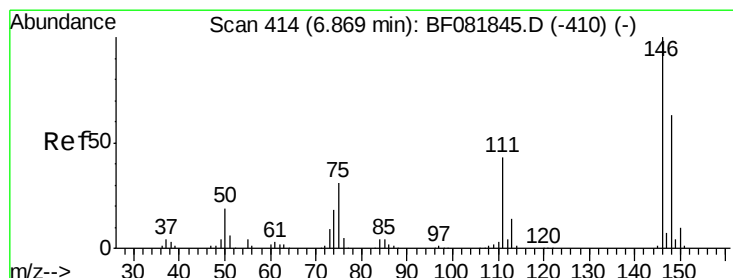
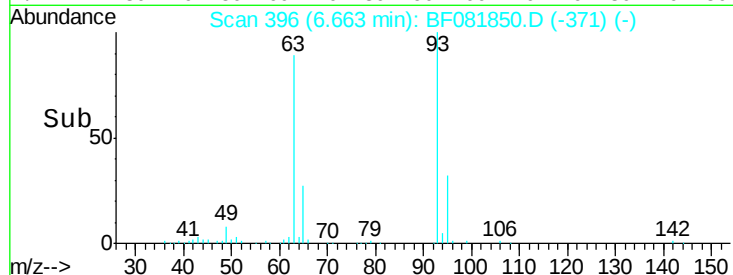
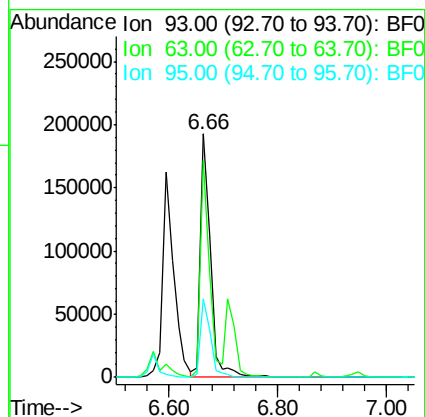
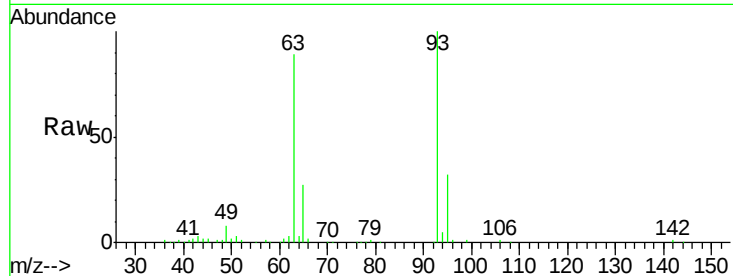




#11
bis(2-Chloroethyl)ether
Concen: 42.87 ng
RT: 6.66 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

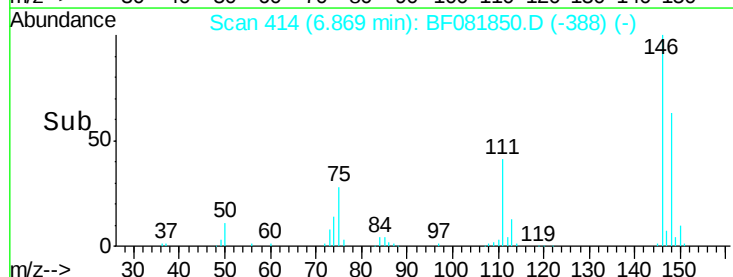
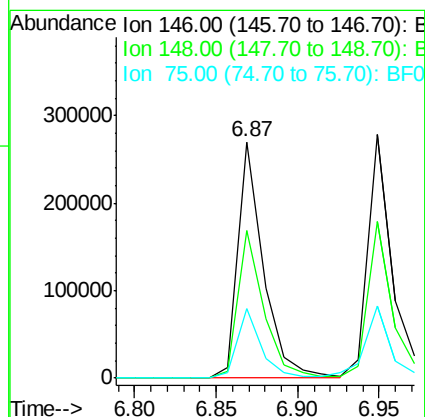
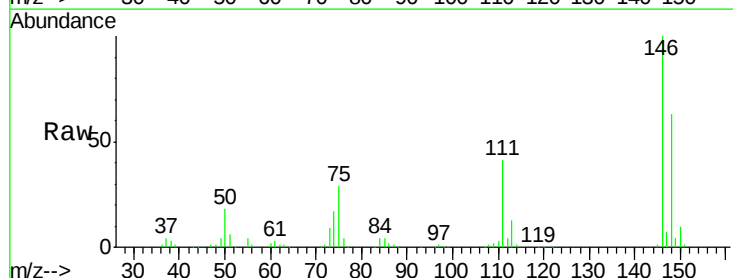
Instrument :
BNA_F
ClientSampleId :
PB85617BS

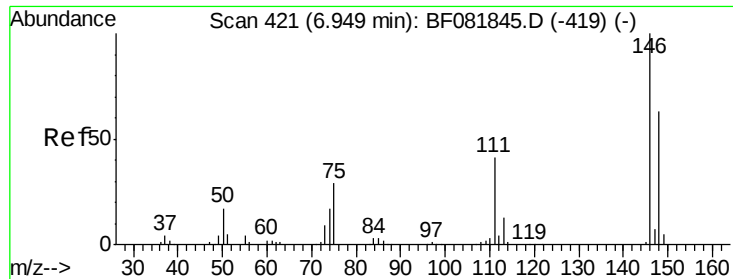
Tgt Ion: 93 Resp: 246059
Ion Ratio Lower Upper
93 100
63 89.1 65.6 105.6
95 32.5 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 42.56 ng
RT: 6.87 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion: 146 Resp: 291071
Ion Ratio Lower Upper
146 100
148 62.6 51.0 76.4
75 29.5 15.0 22.6#

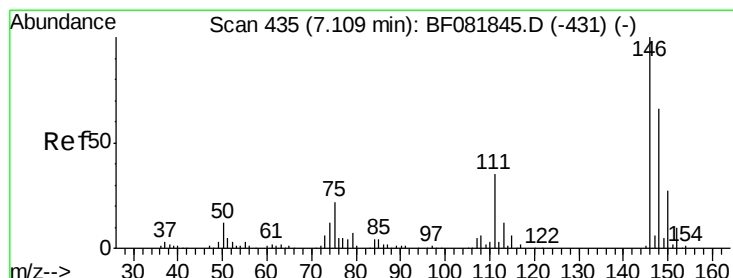
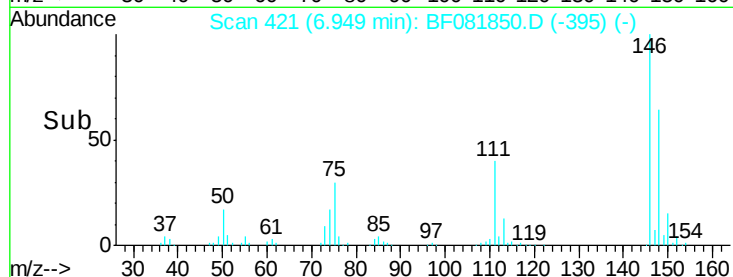
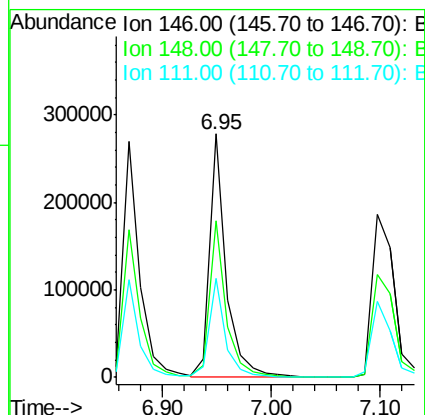
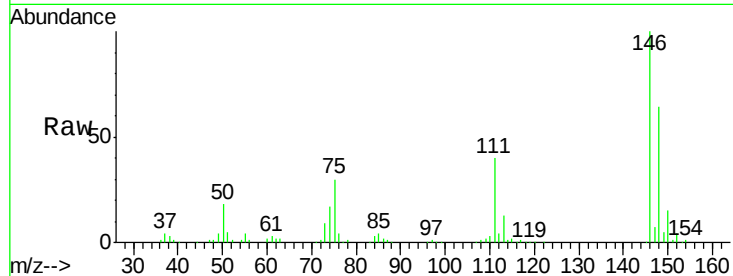




#13
 1,4-Dichlorobenzene
 Concen: 41.72 ng
 RT: 6.95 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

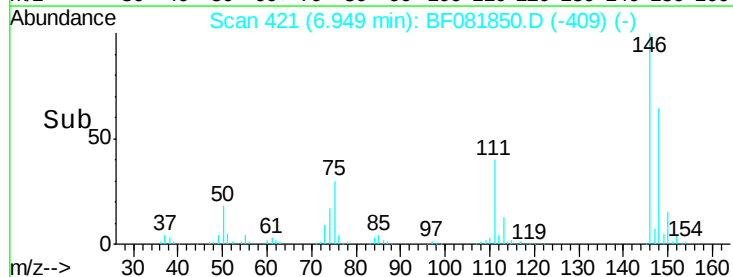
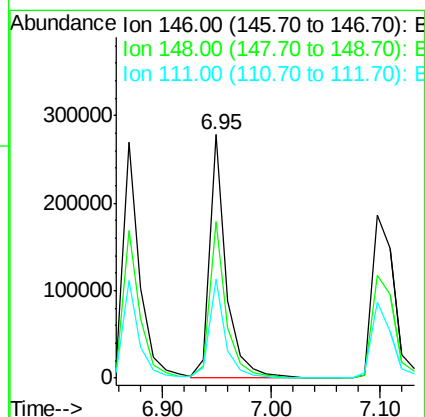
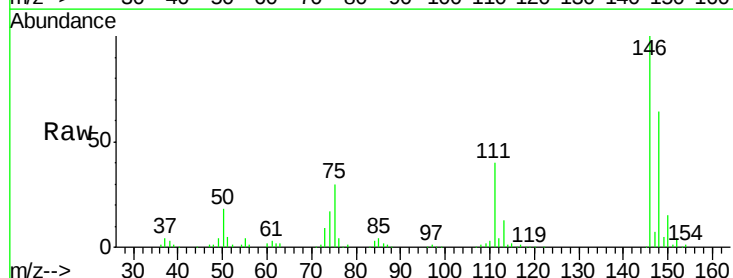
Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

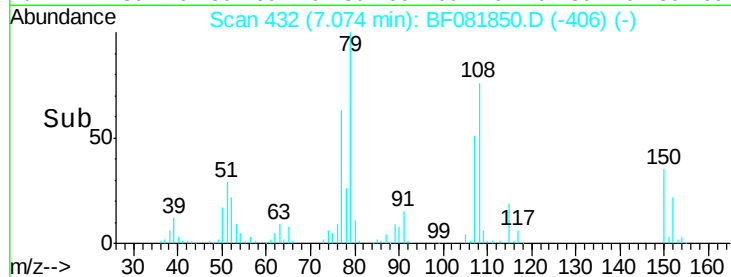
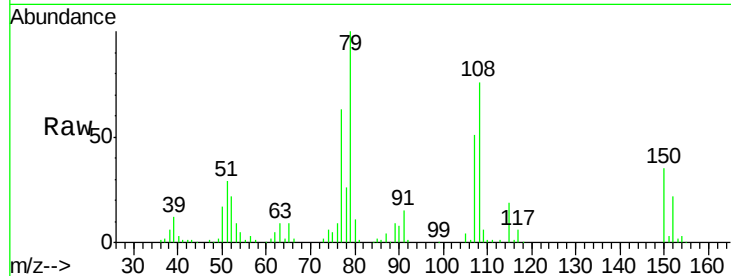
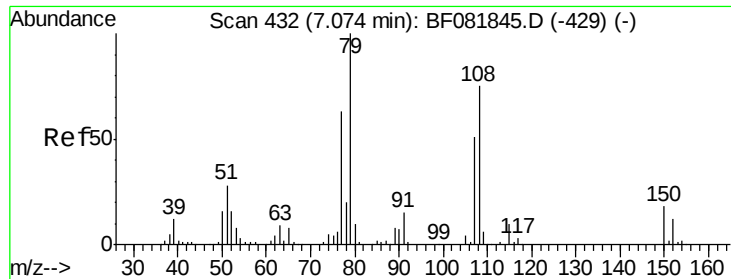
Tgt Ion:146 Resp: 297960
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.8 77.6
 111 40.5 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 47.07 ng
 RT: 6.95 min Scan# 421
 Delta R.T. -0.16 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion:146 Resp: 299532
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.7 79.1
 111 40.5 28.8 43.2





#15

Benzyl Alcohol

Concen: 44.29 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

ClientSampleId :

PB85617BS

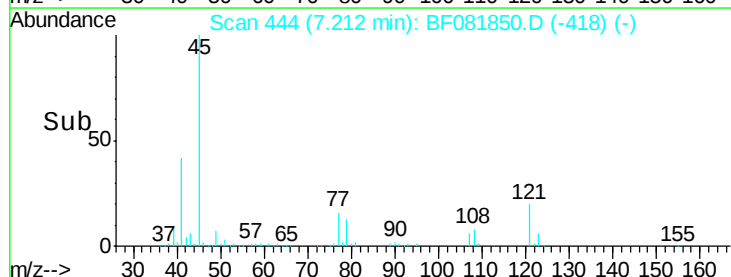
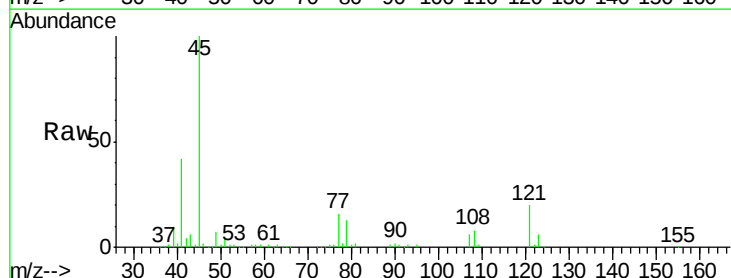
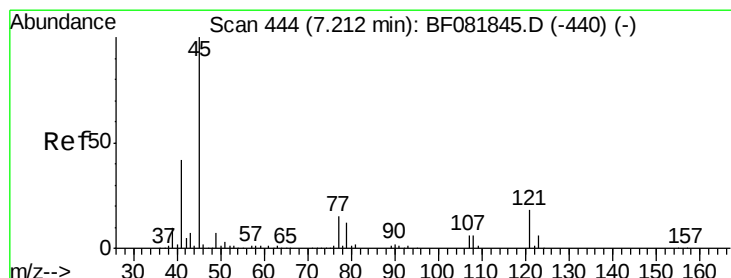
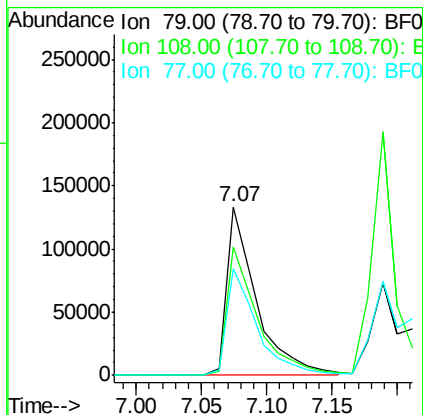
Tgt Ion: 79 Resp: 210951

Ion Ratio Lower Upper

79 100

108 76.0 88.6 132.8#

77 63.1 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.33 ng

RT: 7.21 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

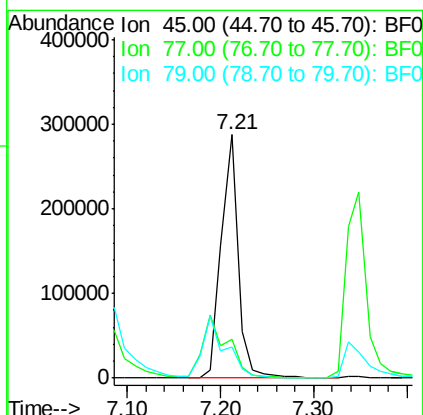
Tgt Ion: 45 Resp: 367813

Ion Ratio Lower Upper

45 100

77 15.7 0.0 28.1

79 12.9 0.0 26.0

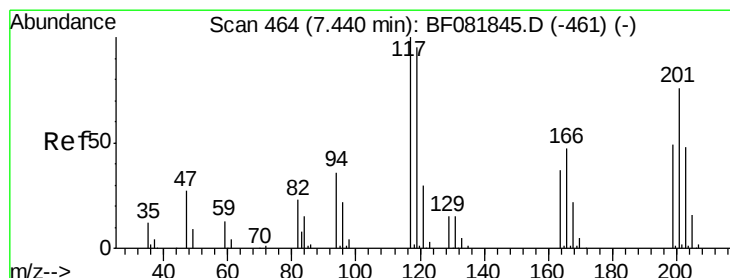
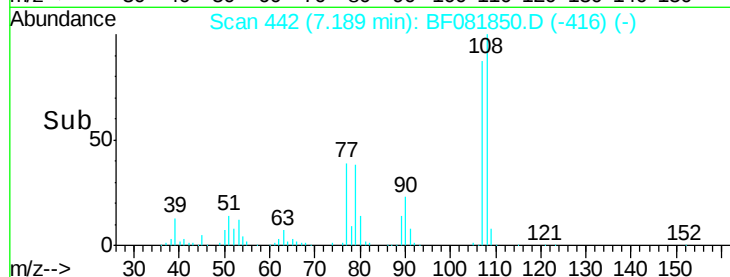
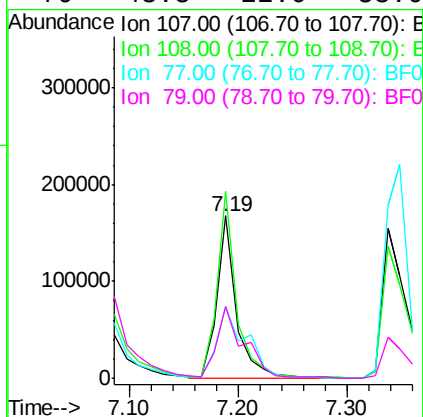
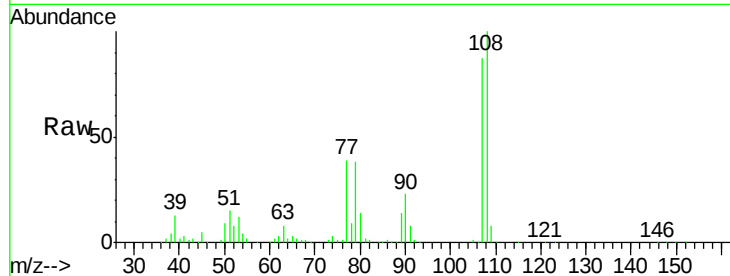




#17
2-Methylphenol
Concen: 43.94 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

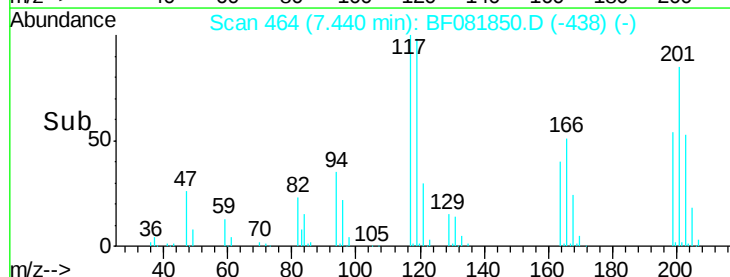
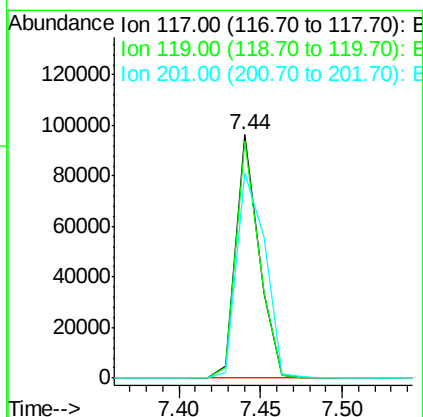
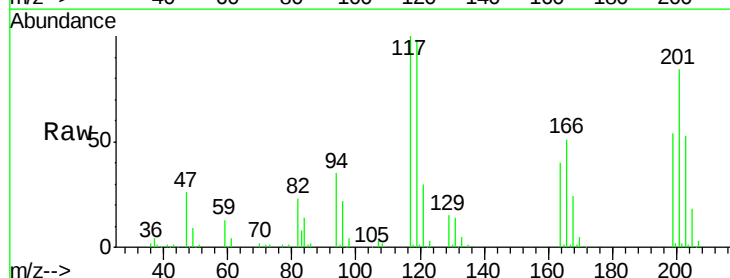
Instrument :
BNA_F
ClientSampleId :
PB85617BS

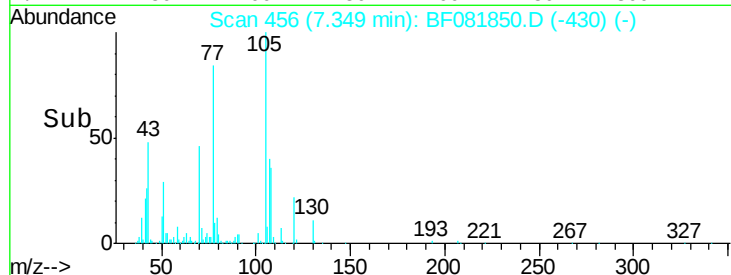
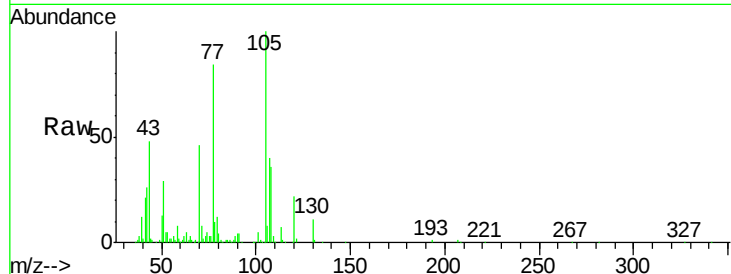
Tgt Ion:	107	Resp:	206257
Ion Ratio	Lower	Upper	
107	100		
108	114.9	96.6	145.0
77	44.3	23.3	34.9#
79	43.8	22.0	33.0#



#18
Hexachloroethane
Concen: 41.84 ng
RT: 7.44 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion:	117	Resp:	93537
Ion Ratio	Lower	Upper	
117	100		
119	97.6	83.8	125.6
201	84.3	55.1	82.7#

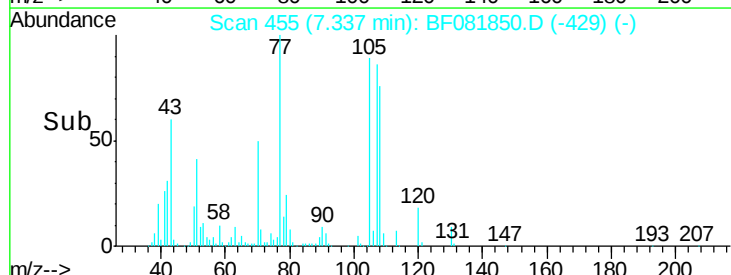
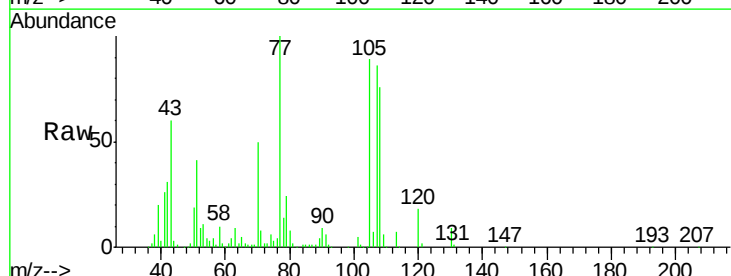
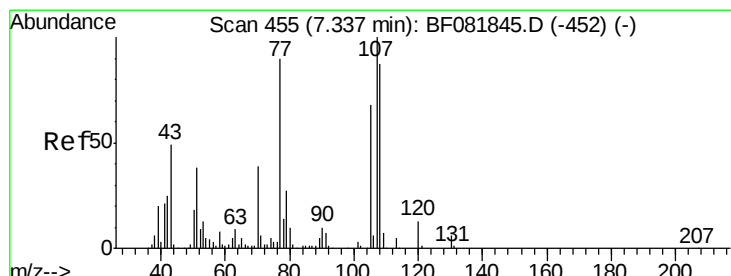
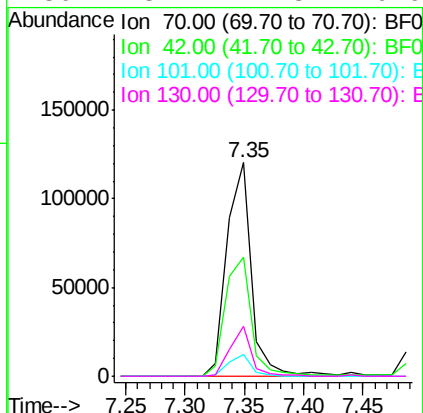




#19
n-Nitroso-di-n-propylamine
Concen: 43.04 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

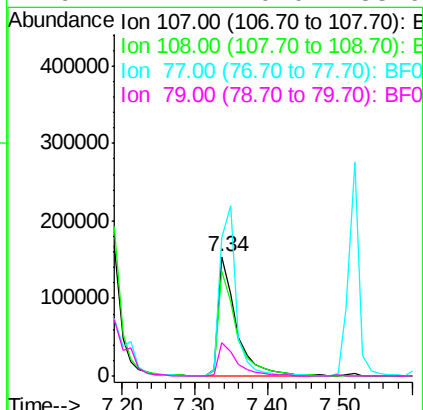
Instrument :
BNA_F
ClientSampleId :
PB85617BS

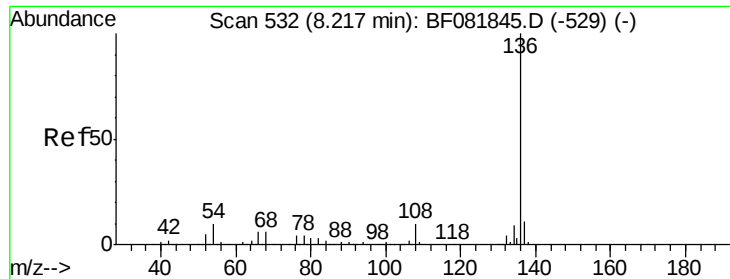
Tgt Ion:	70	Resp:	172587
Ion	Ratio	Lower	Upper
70	100		
42	55.9	63.8	95.6#
101	10.3	9.2	13.8
130	23.7	27.3	40.9#



#20
3+4-Methylphenols
Concen: 44.68 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion:	107	Resp:	264891
Ion	Ratio	Lower	Upper
107	100		
108	88.0	74.6	114.6
77	116.1	0.7	40.7#
79	27.7	0.0	38.9

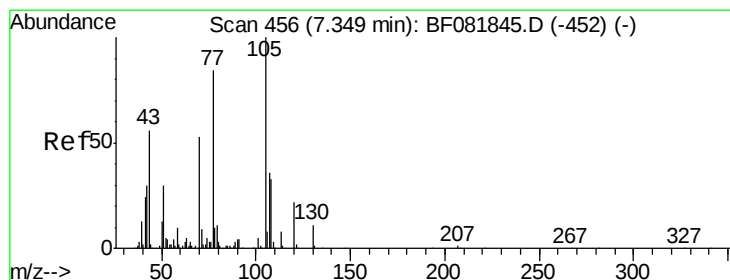
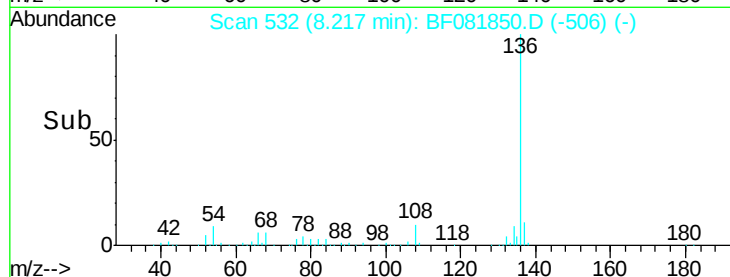
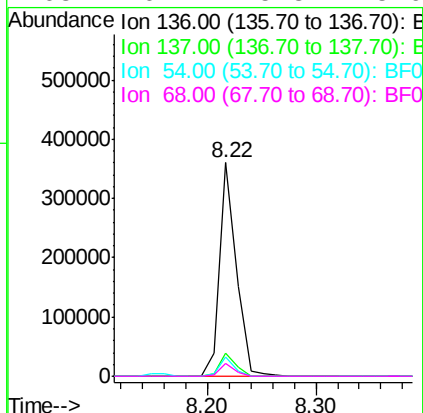
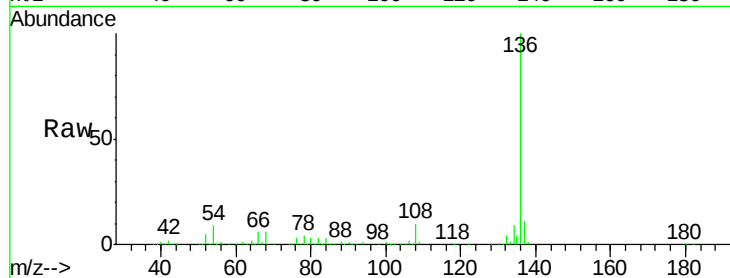




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

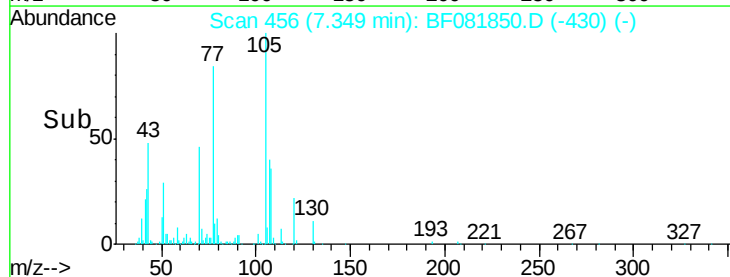
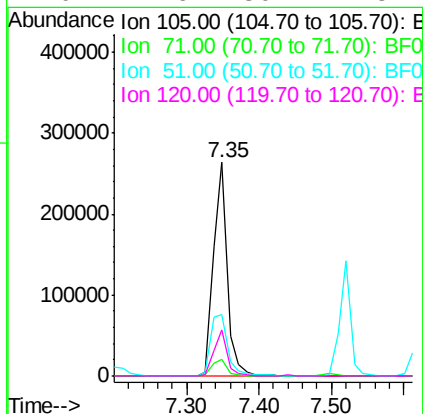
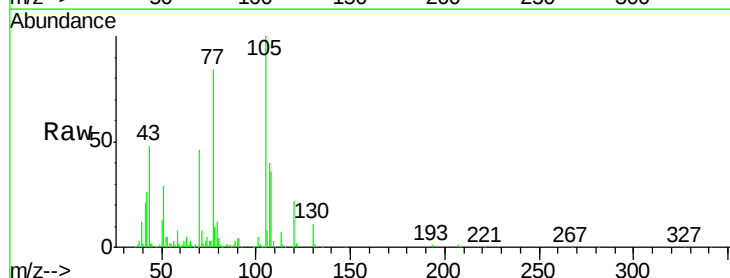
Instrument :
BNA_F
ClientSampleId :
PB85617BS

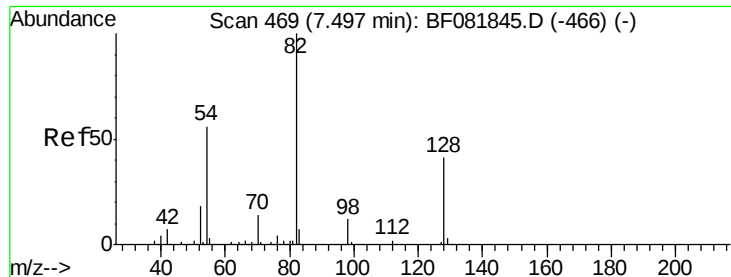
Tgt Ion:	136	Resp:	388607
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	9.1	8.2	12.2
68	6.2	5.8	8.6



#22
Acetophenone
Concen: 43.46 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion:	105	Resp:	345311
Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.7	7.1#
51	28.7	22.0	33.0
120	21.6	30.1	45.1#

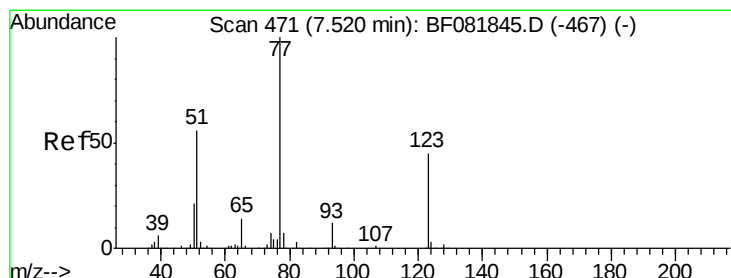
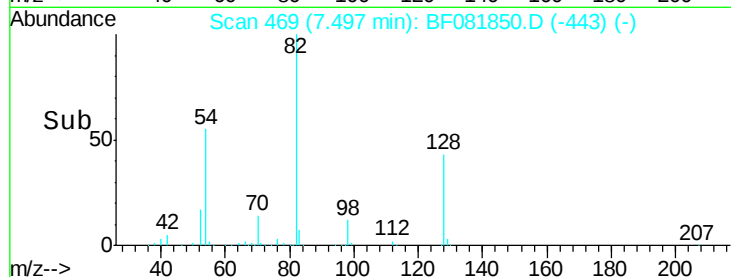
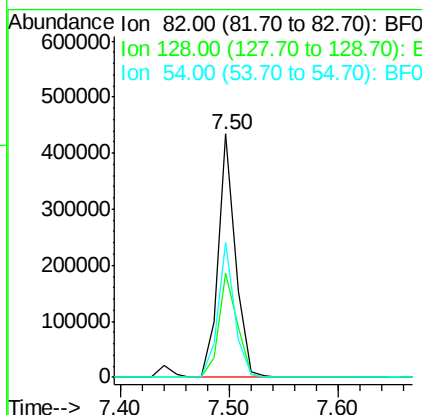
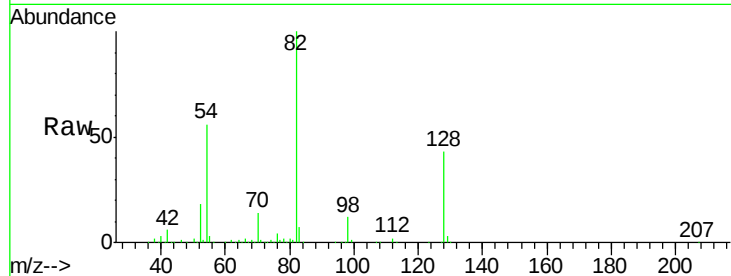




#23
 Nitrobenzene-d5
 Concen: 83.13 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

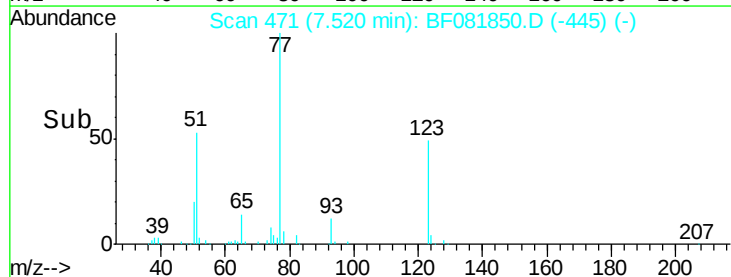
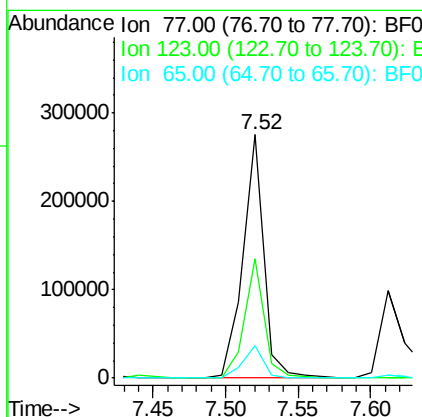
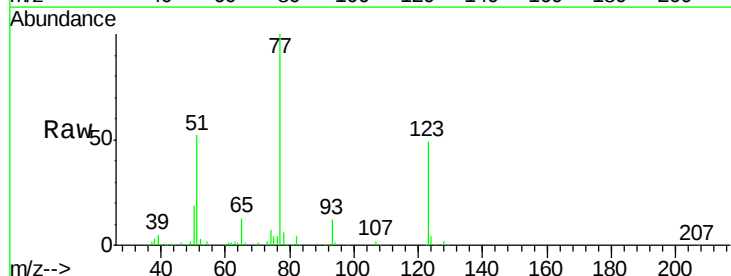
Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Tgt Ion: 82 Resp: 484626
 Ion Ratio Lower Upper
 82 100
 128 42.6 51.0 76.6#
 54 55.5 47.5 71.3



#24
 Nitrobenzene
 Concen: 43.11 ng
 RT: 7.52 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion: 77 Resp: 272913
 Ion Ratio Lower Upper
 77 100
 123 49.1 59.8 89.8#
 65 13.4 10.2 15.4





#25

Isophorone

Concen: 40.79 ng

RT: 7.75 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

ClientSampleId :

PB85617BS

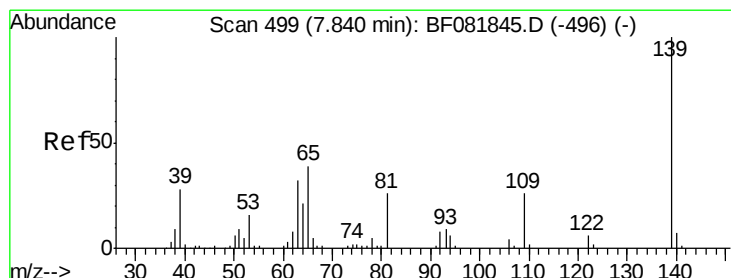
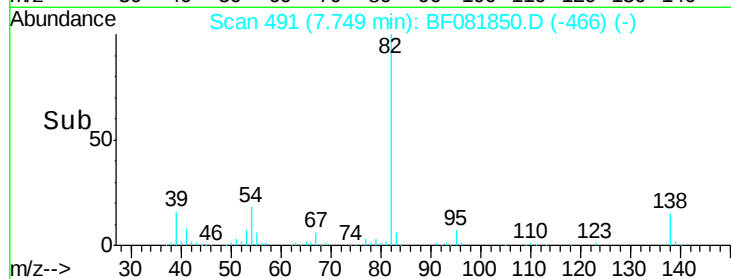
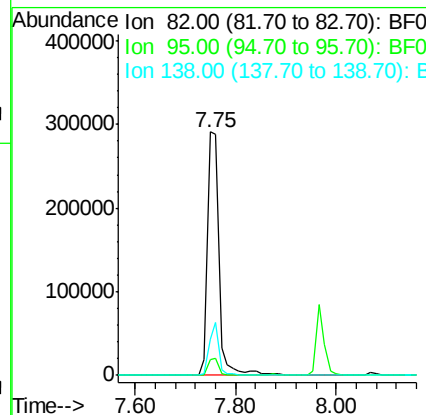
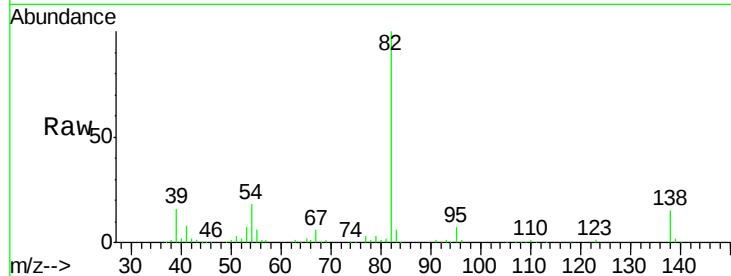
Tgt Ion: 82 Resp: 471335

Ion Ratio Lower Upper

82 100

95 6.6 4.0 6.0#

138 15.0 18.3 27.5#



#26

2-Nitrophenol

Concen: 44.08 ng

RT: 7.84 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

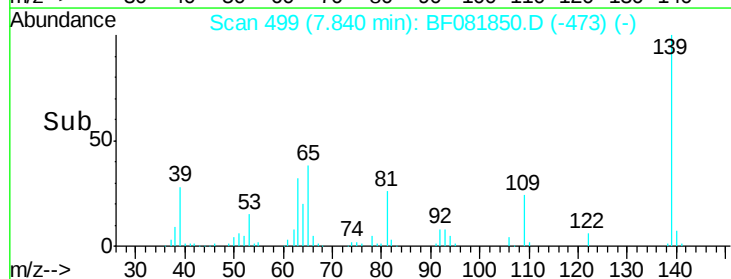
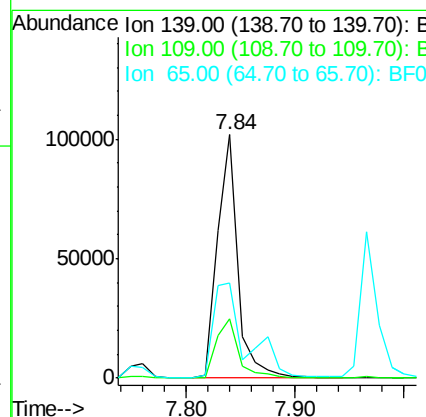
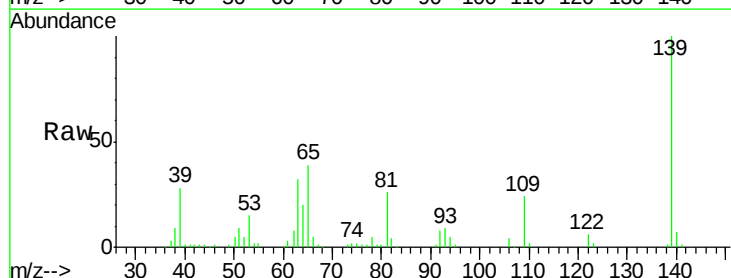
Tgt Ion: 139 Resp: 133956

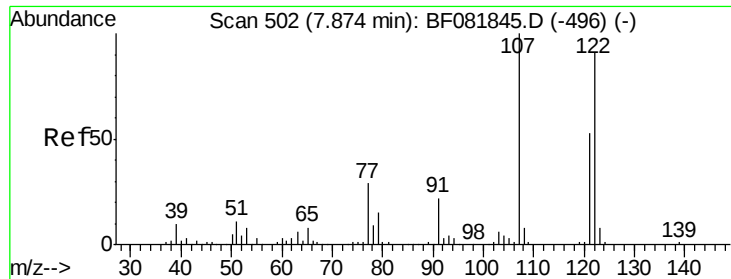
Ion Ratio Lower Upper

139 100

109 24.3 11.0 16.4#

65 39.2 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 44.21 ng

RT: 7.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

ClientSampled :

PB85617BS

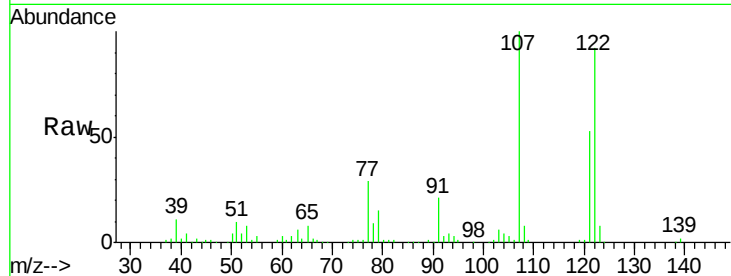
Tgt Ion:122 Resp: 236338

Ion Ratio Lower Upper

122 100

107 108.5 71.8 107.6#

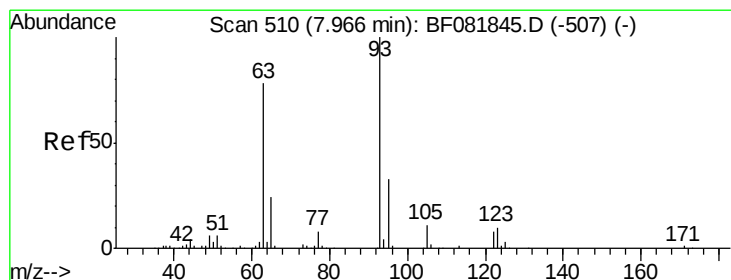
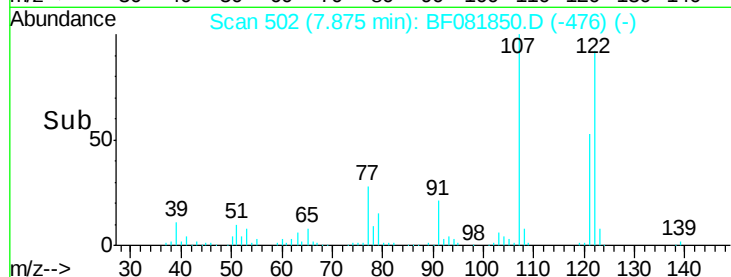
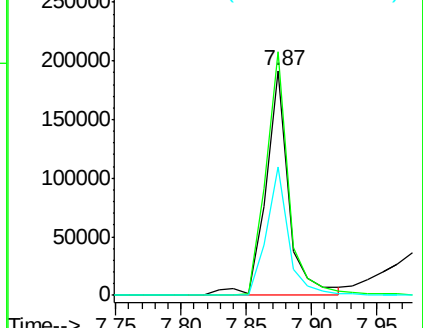
121 57.5 42.3 63.5



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: 42.16 ng

RT: 7.97 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

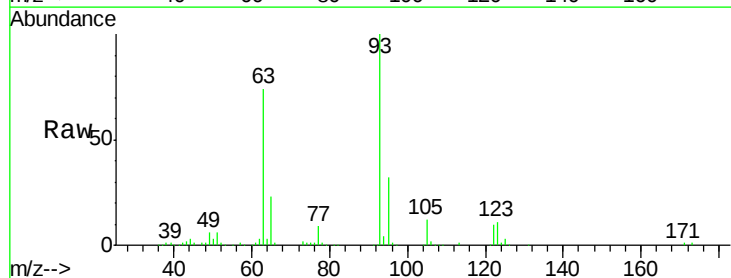
Tgt Ion: 93 Resp: 289307

Ion Ratio Lower Upper

93 100

95 32.1 27.5 41.3

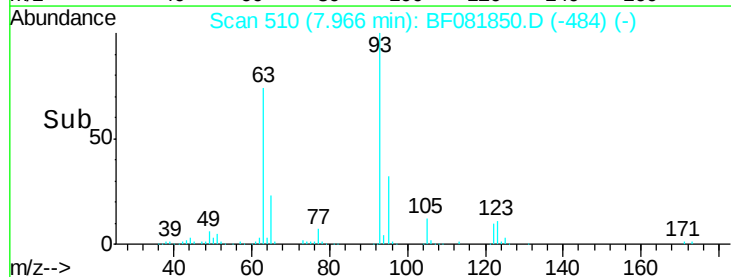
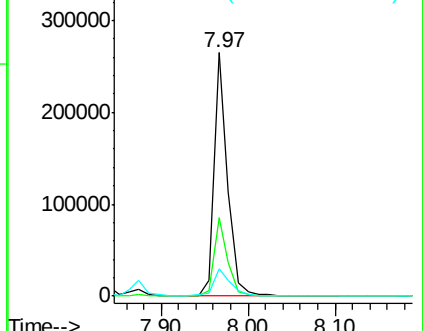
123 11.0 13.7 20.5#

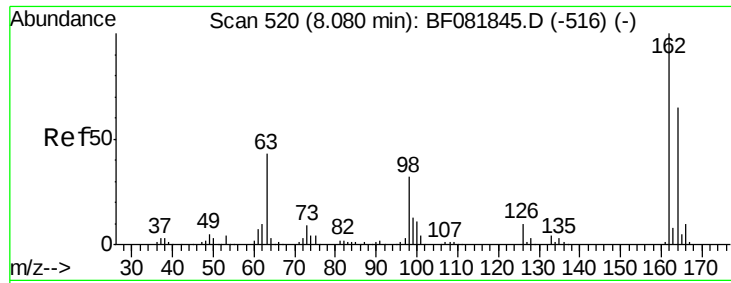


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

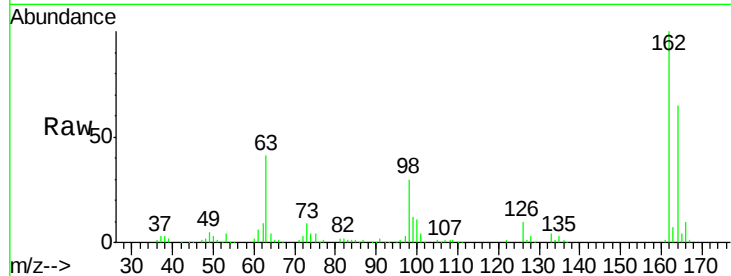




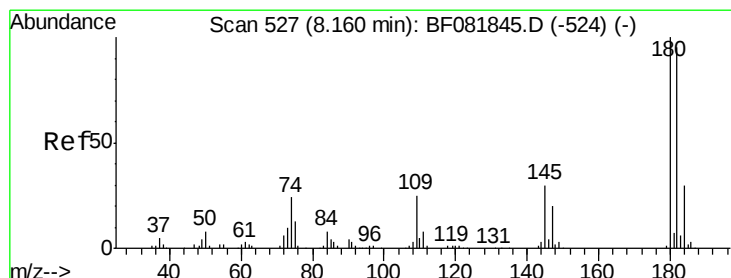
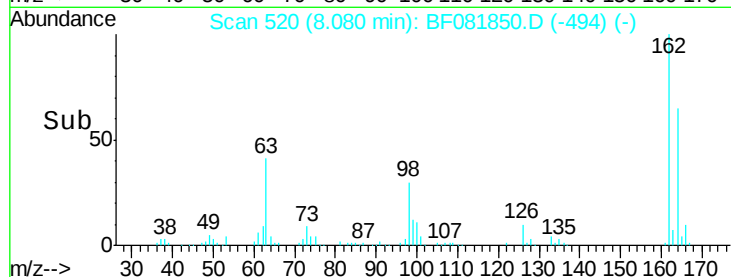
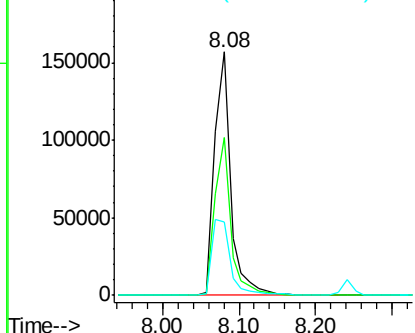
#29
 2,4-Dichlorophenol
 Concen: 44.48 ng
 RT: 8.08 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.9	84.9
98	29.9	13.0	53.0

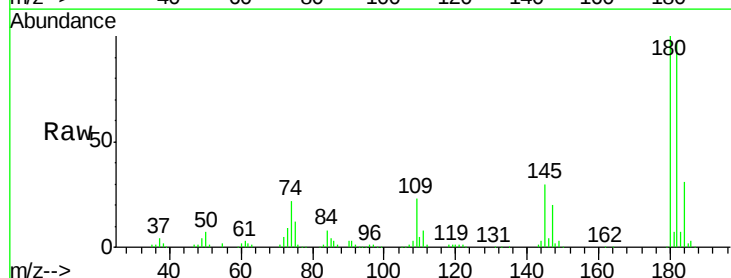


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

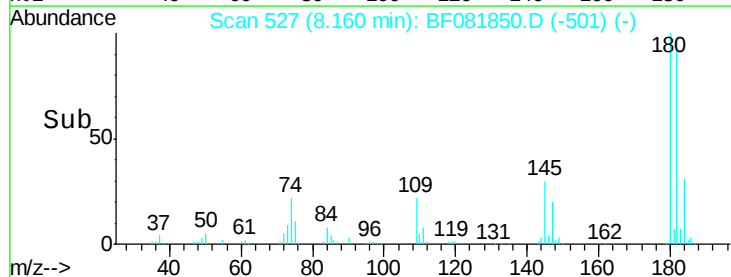
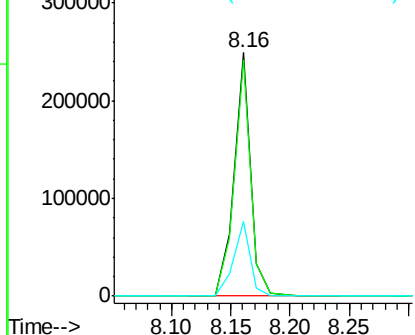


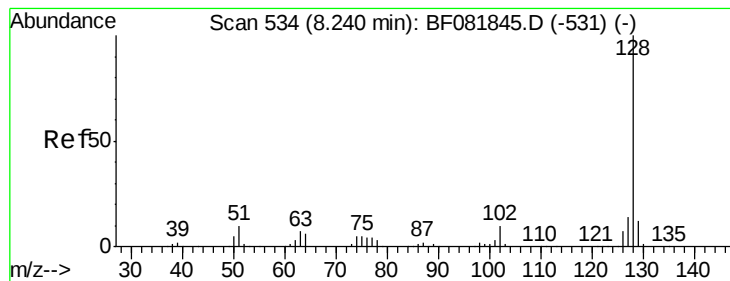
#30
 1,2,4-Trichlorobenzene
 Concen: 41.82 ng
 RT: 8.16 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.1	115.7
145	30.4	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: 42.14 ng

RT: 8.24 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

ClientSampleId :

PB85617BS

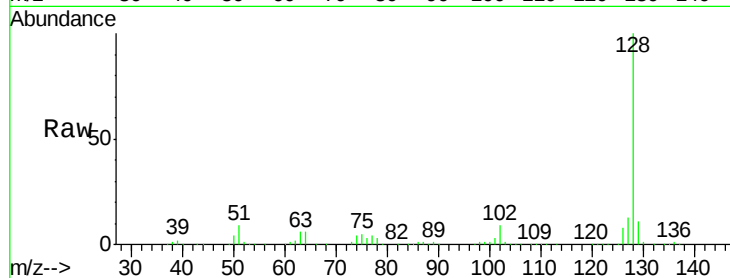
Tgt Ion:128 Resp: 725578

Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

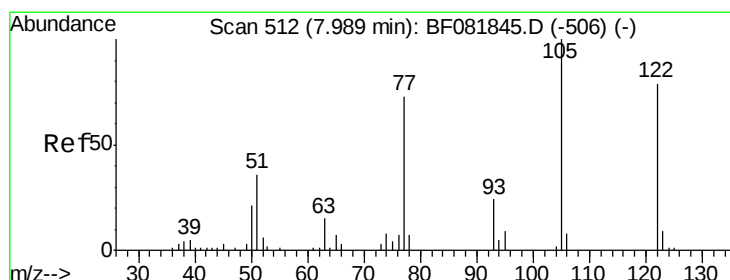
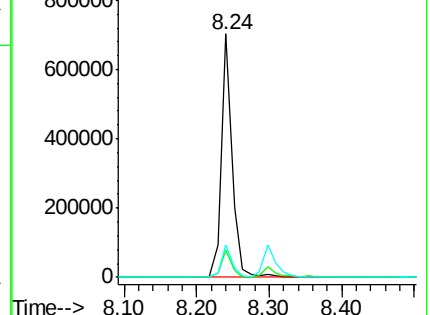
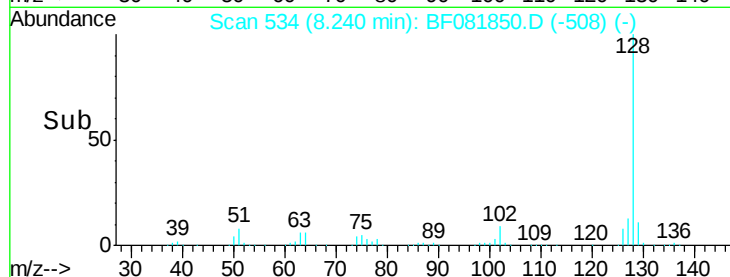
127 13.5 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.64 ng

RT: 7.99 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

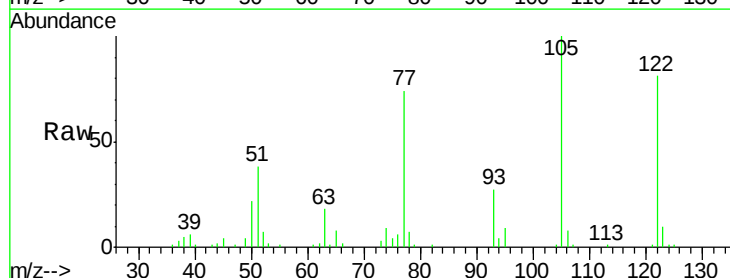
Tgt Ion:122 Resp: 125682

Ion Ratio Lower Upper

122 100

105 123.2 76.1 116.1#

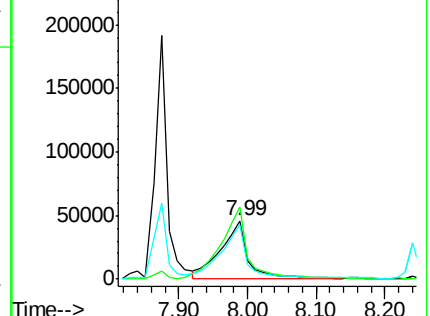
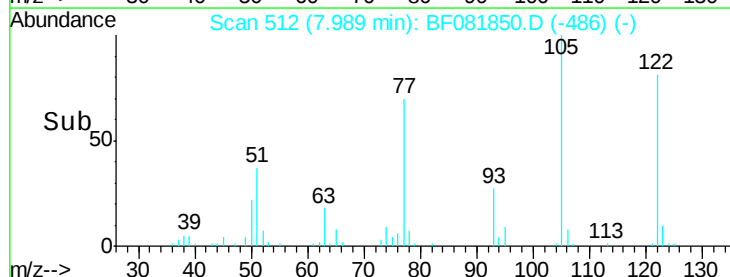
77 91.7 40.5 80.5#

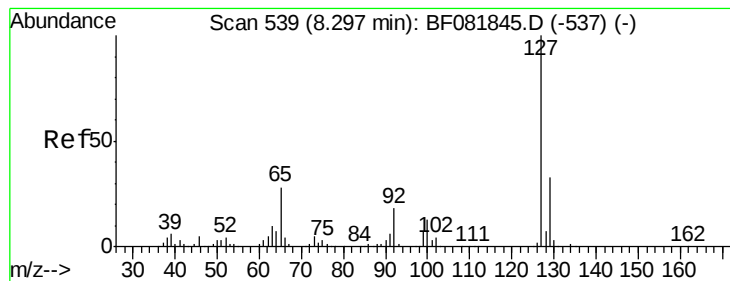


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 16.68 ng

RT: 8.30 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

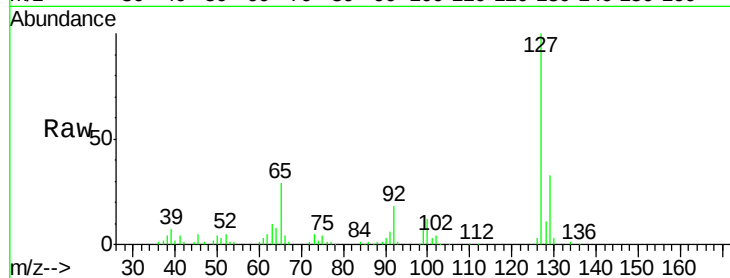
Instrument :

BNA_F

ClientSampleId :

PB85617BS

Tgt Ion:	127	Resp:	124211
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	28.7	17.9	26.9#
92	18.2	10.5	15.7#

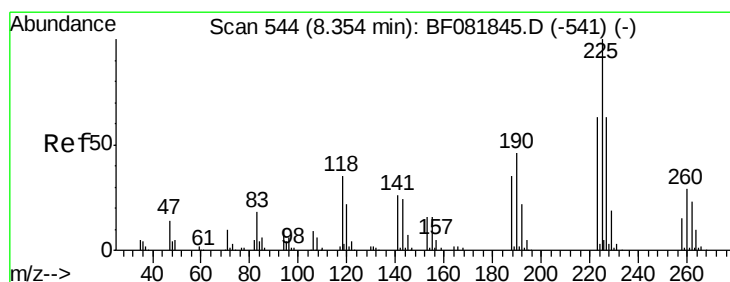
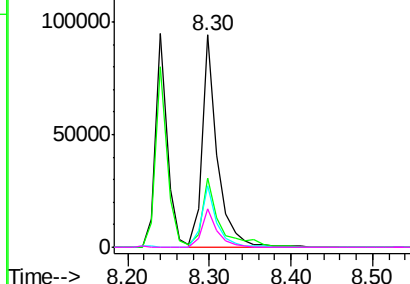
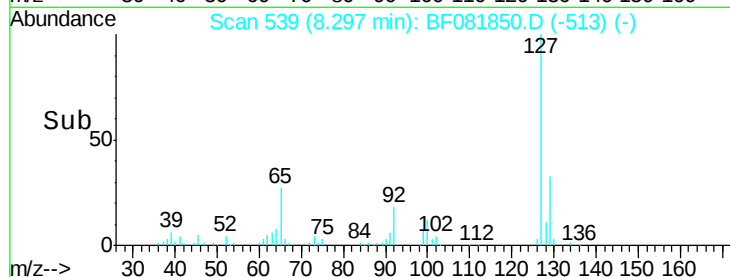


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 42.24 ng

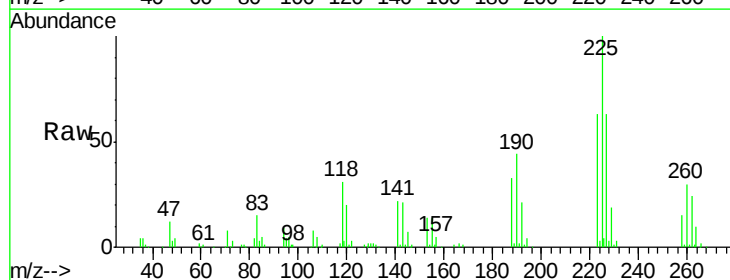
RT: 8.35 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

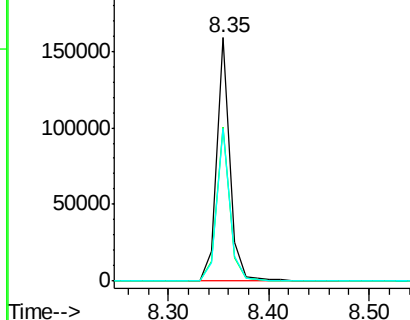
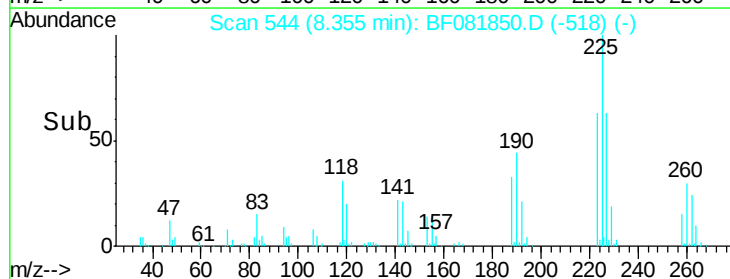
Tgt Ion:	225	Resp:	144542
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.2	75.2
227	62.6	52.2	78.2

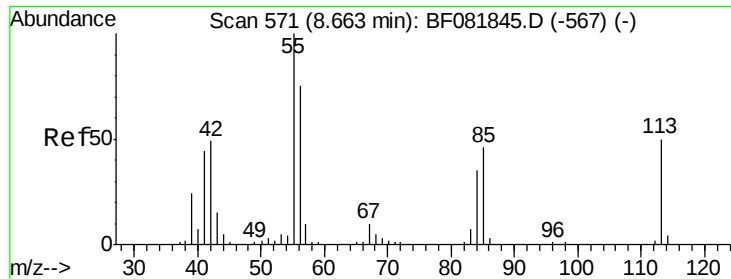


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

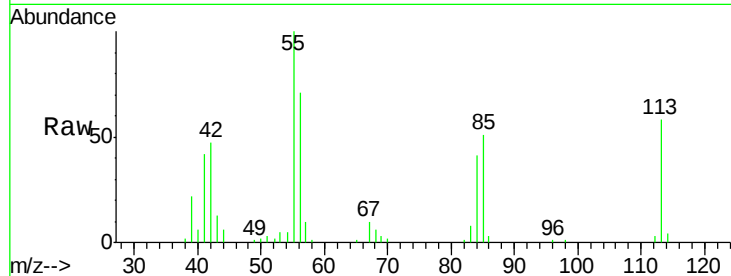




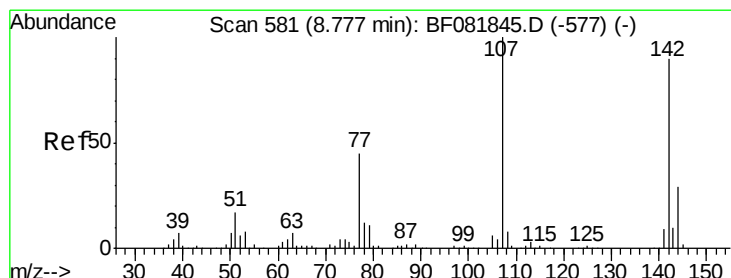
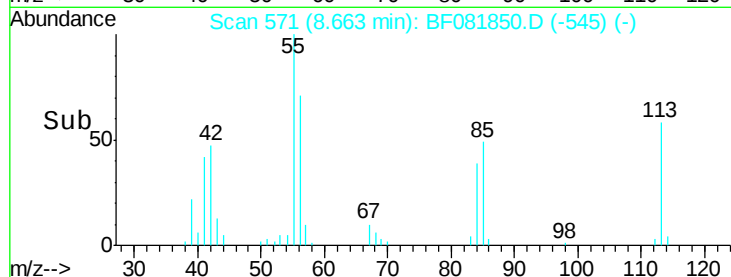
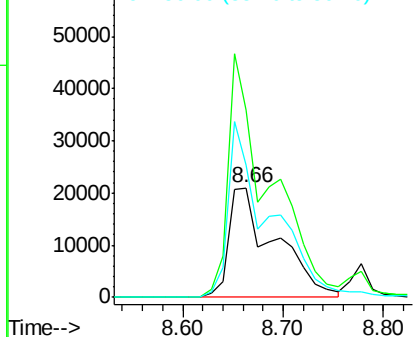
#35
 Caprolactam
 Concen: 46.62 ng
 RT: 8.66 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Tgt Ion:113 Resp: 66893
 Ion Ratio Lower Upper
 113 100
 55 171.0 152.4 192.4
 56 121.5 104.6 144.6

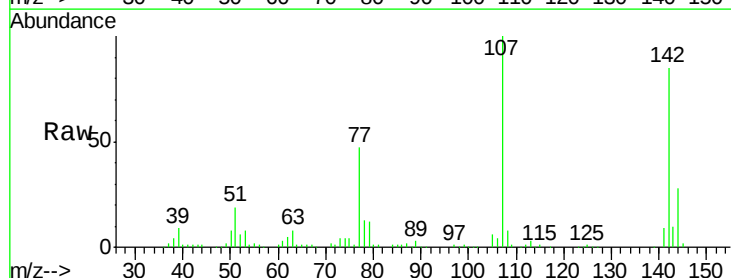


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

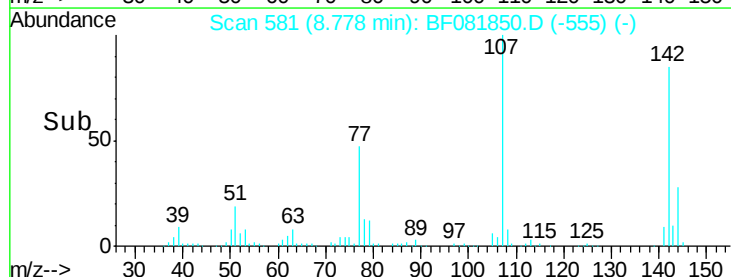
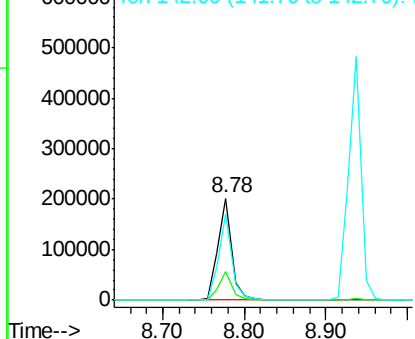


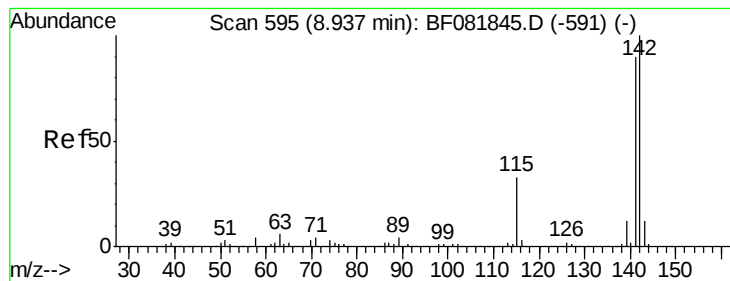
#36
 4-Chloro-3-methylphenol
 Concen: 47.53 ng
 RT: 8.78 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion:107 Resp: 240898
 Ion Ratio Lower Upper
 107 100
 144 27.6 25.4 38.0
 142 84.9 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

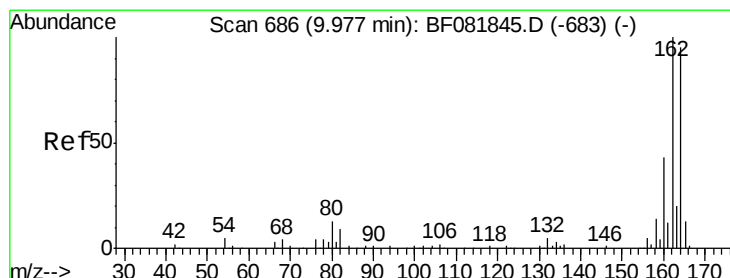
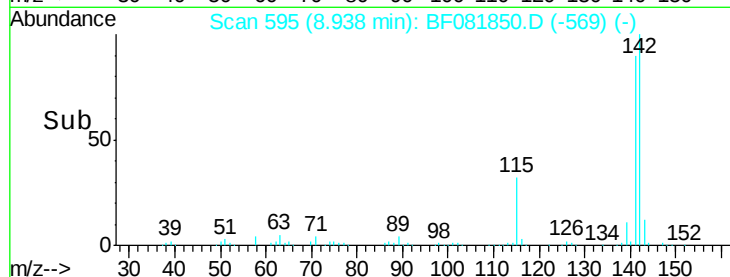
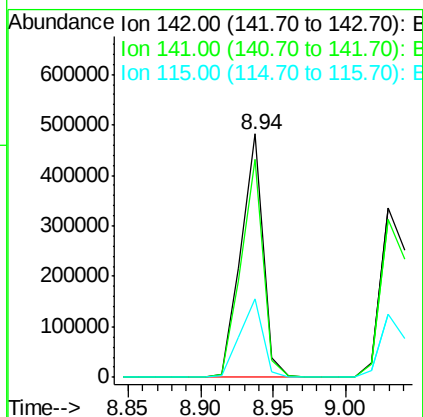
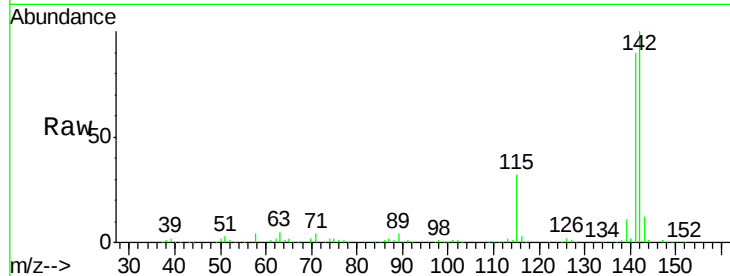




#37
 2-Methylnaphthalene
 Concen: 43.84 ng
 RT: 8.94 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

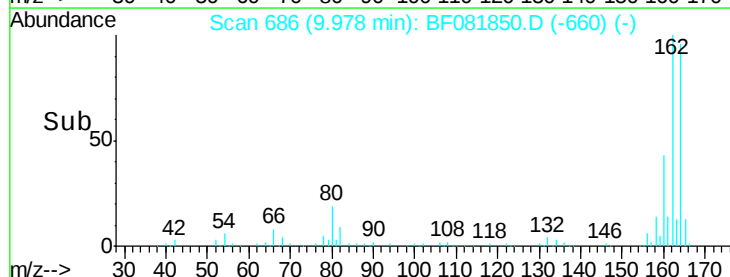
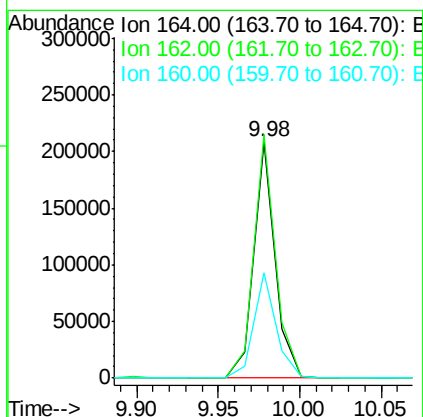
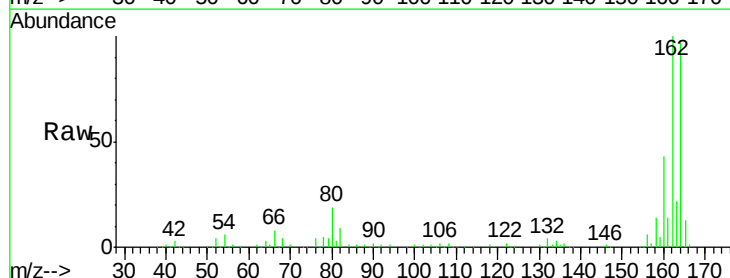
Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Tgt Ion:142 Resp: 515348
 Ion Ratio Lower Upper
 142 100
 141 89.8 67.5 101.3
 115 32.3 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion:164 Resp: 189440
 Ion Ratio Lower Upper
 164 100
 162 103.1 75.2 112.8
 160 44.7 31.5 47.3

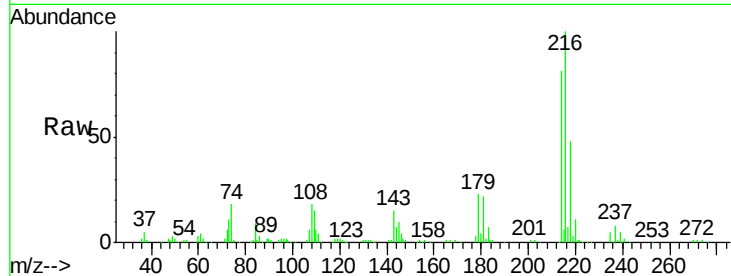




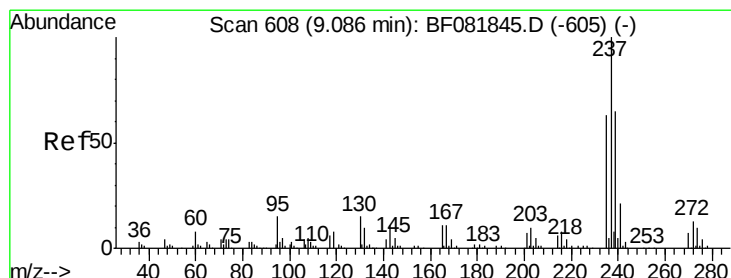
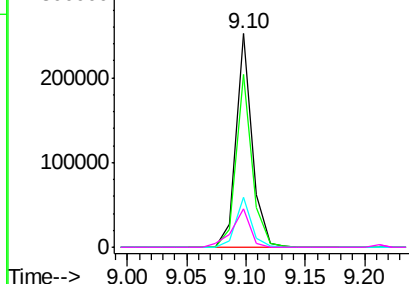
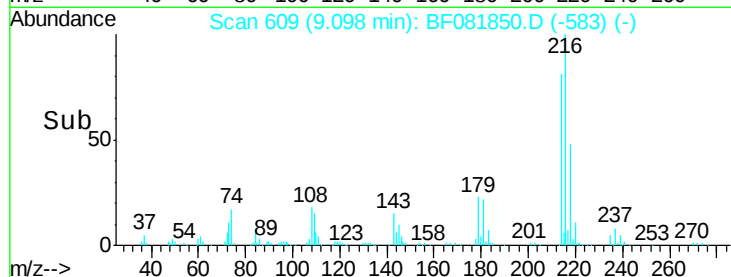
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.19 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Tgt Ion:	216	Resp:	239546
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.5	95.3
179	22.0	16.6	24.8
108	20.4	16.3	24.5

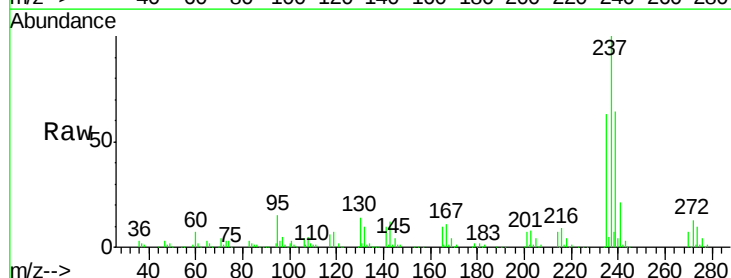


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

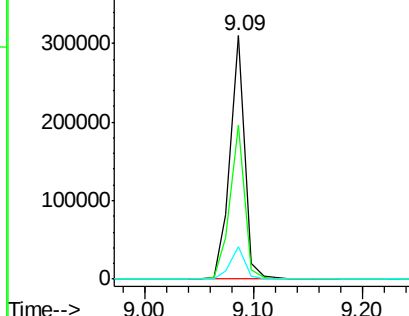
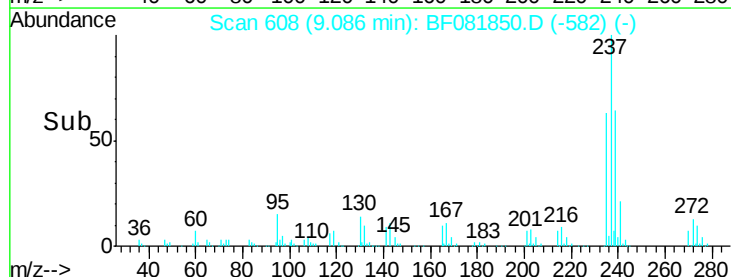


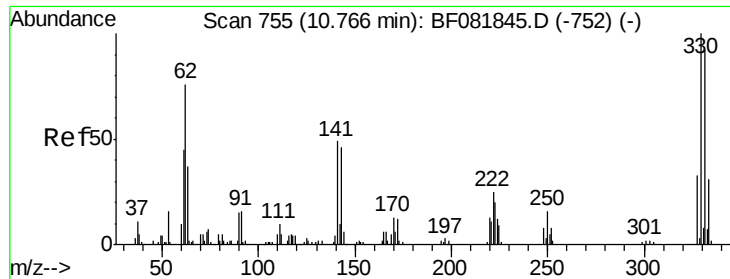
#40
 Hexachlorocyclopentadiene
 Concen: 96.58 ng
 RT: 9.09 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion:	237	Resp:	289258
Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.0	82.0
272	13.1	0.0	36.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

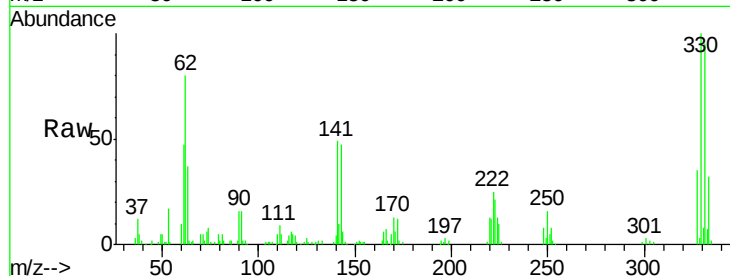




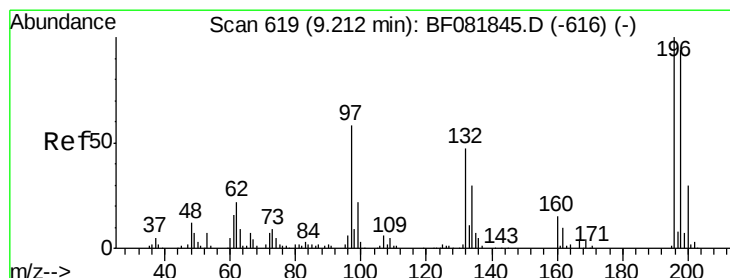
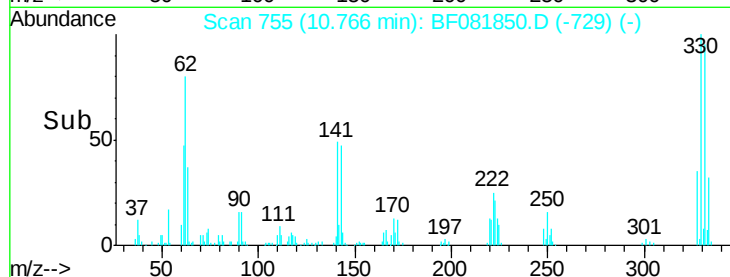
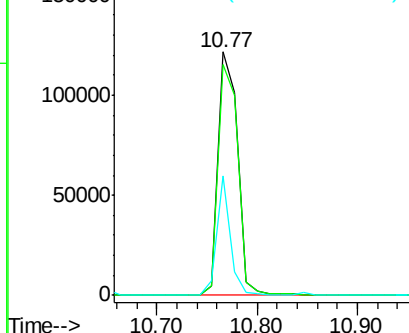
#41
 2,4,6-Tribromophenol
 Concen: 85.44 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Tgt Ion:330 Resp: 163918
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 33.8 29.7 44.5

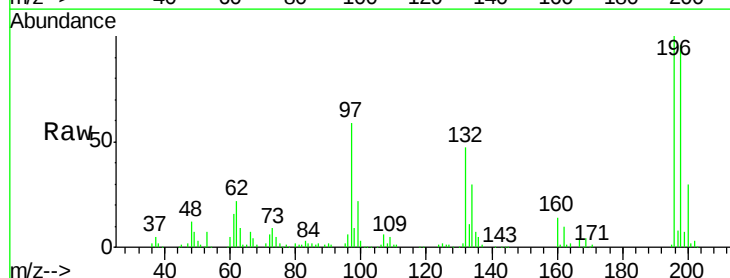


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

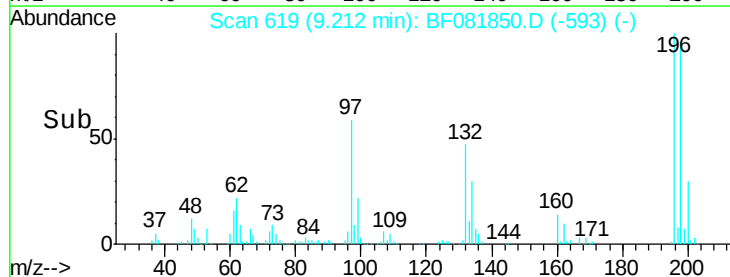
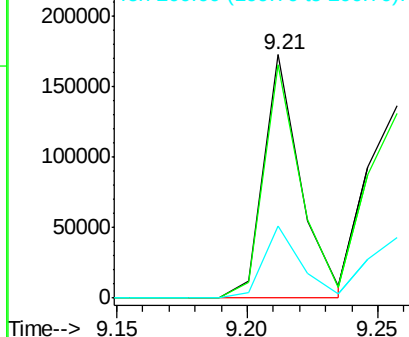


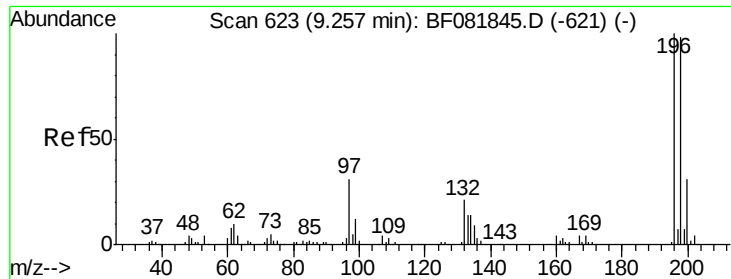
#42
 2,4,6-Trichlorophenol
 Concen: 42.53 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion:196 Resp: 169564
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.7 113.5
 200 29.6 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

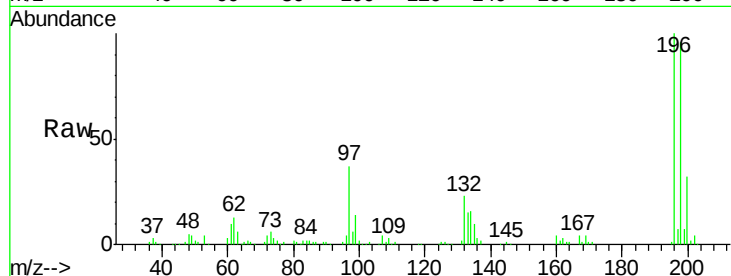




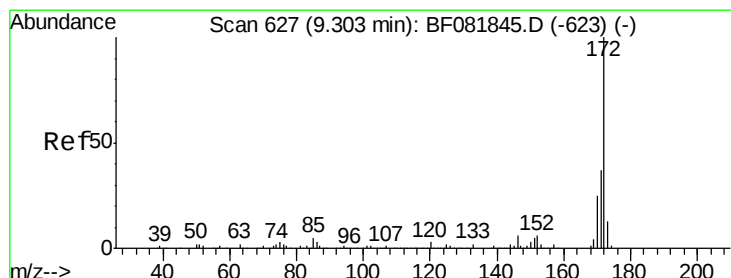
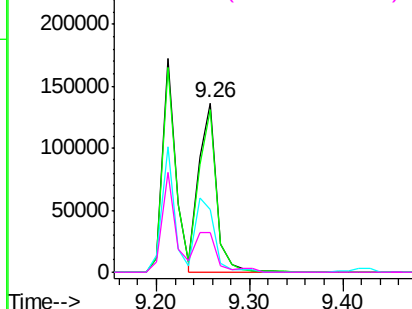
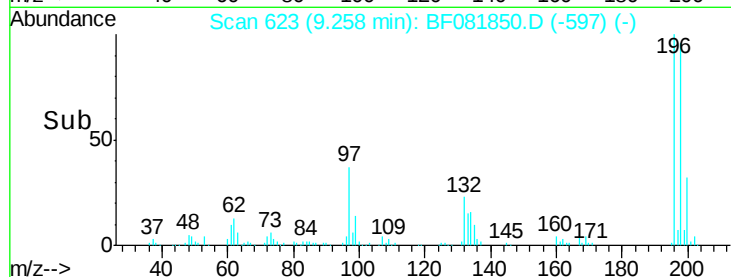
#43
 2,4,5-Trichlorophenol
 Concen: 44.49 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Tgt Ion:196 Resp: 182406
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.4 113.0
 97 36.8 33.3 49.9
 132 23.3 24.6 37.0#

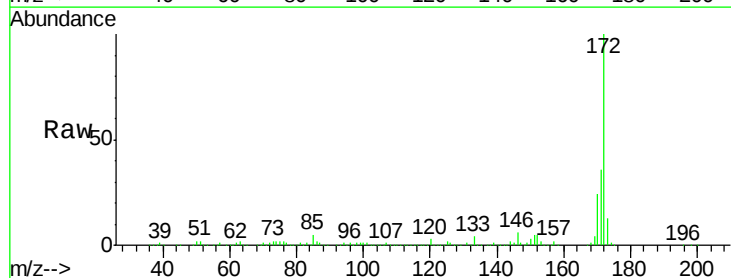


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

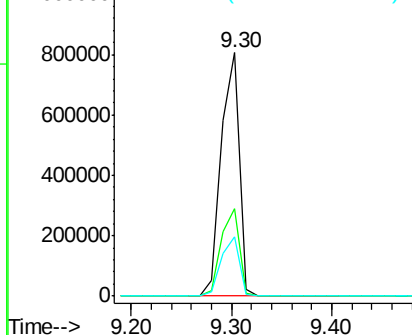
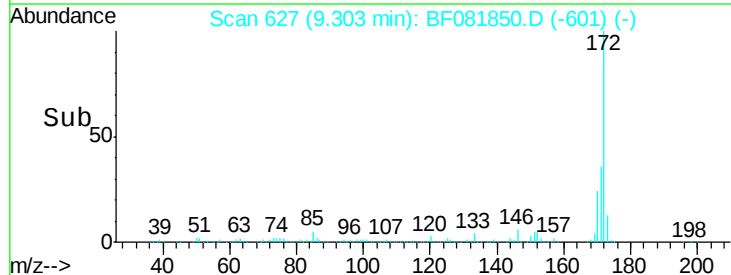


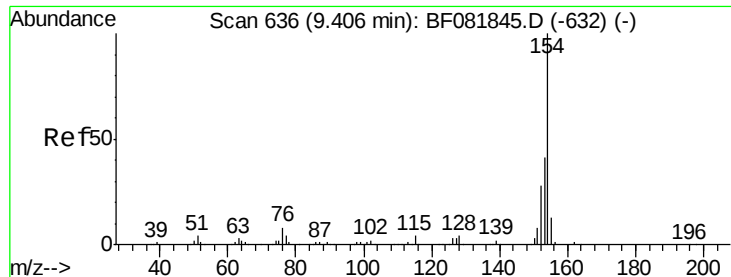
#44
 2-Fluorobiphenyl
 Concen: 90.15 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion:172 Resp: 1008612
 Ion Ratio Lower Upper
 172 100
 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

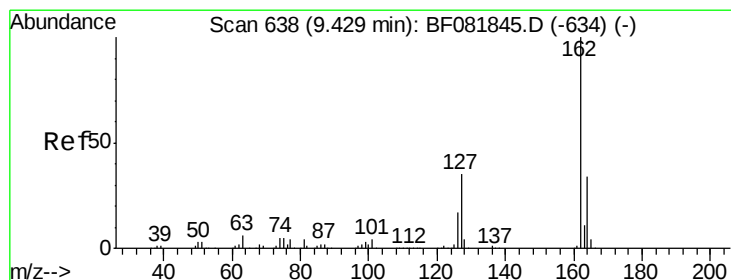
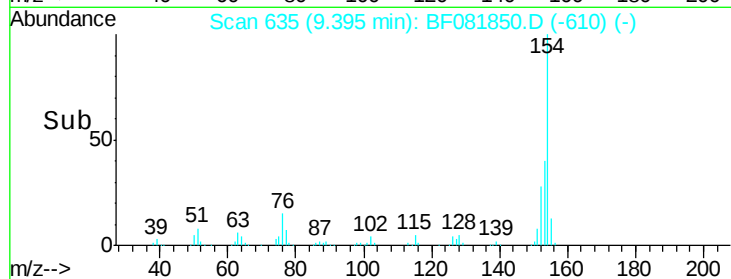
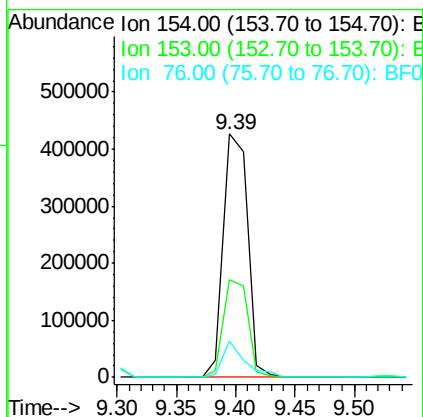
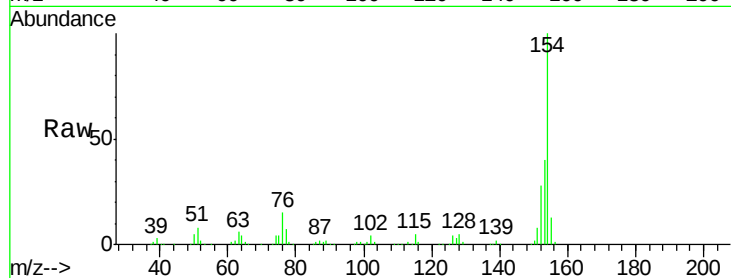




#45
 1,1'-Biphenyl
 Concen: 41.34 ng
 RT: 9.39 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

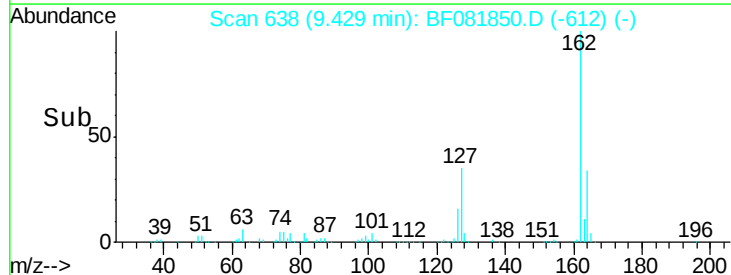
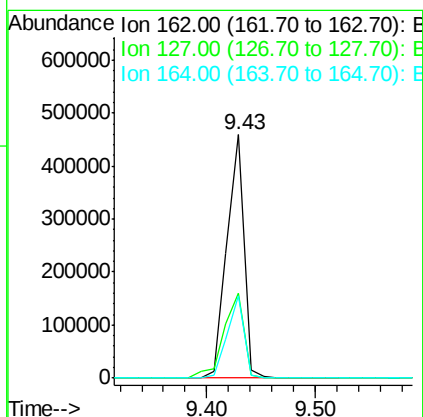
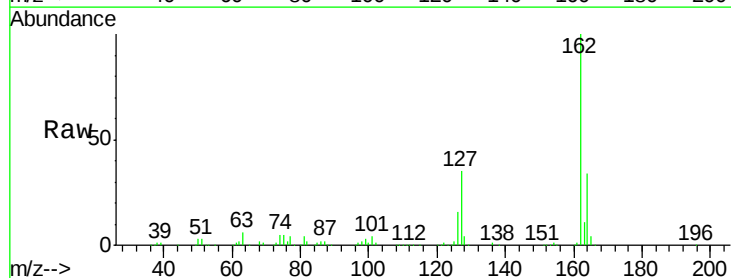
Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

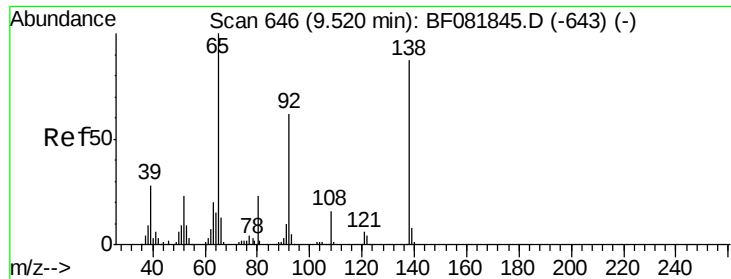
Tgt Ion:154 Resp: 604239
 Ion Ratio Lower Upper
 154 100
 153 40.0 17.1 57.1
 76 14.7 0.0 31.6



#46
 2-Chloronaphthalene
 Concen: 43.49 ng
 RT: 9.43 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion:162 Resp: 499122
 Ion Ratio Lower Upper
 162 100
 127 34.6 27.6 41.4
 164 33.7 25.4 38.2

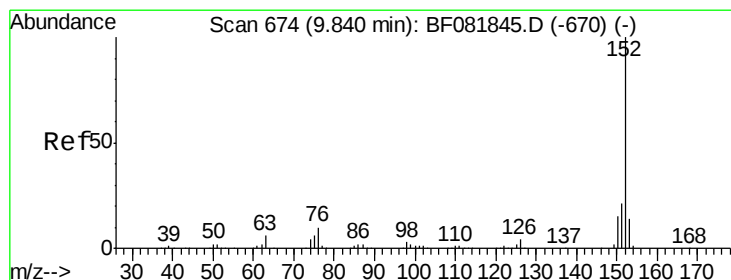
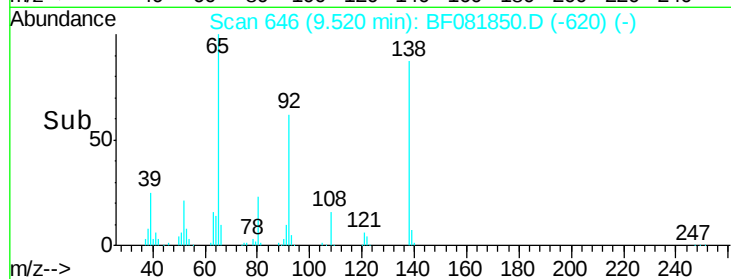
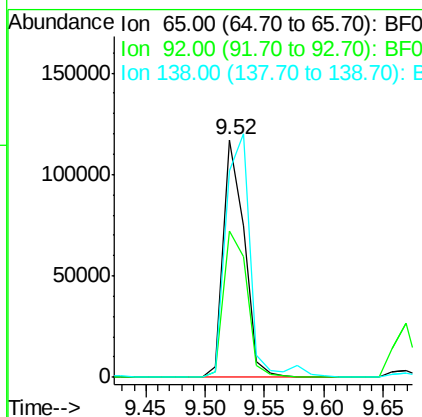
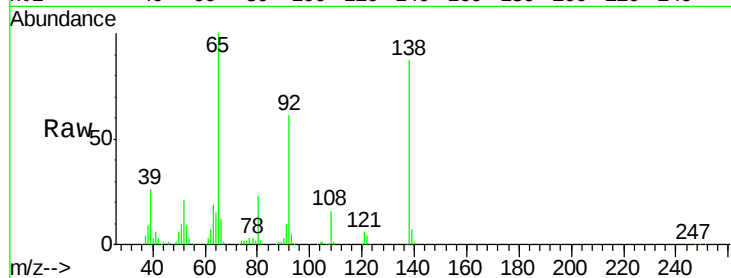




#47
 2-Nitroaniline
 Concen: 42.55 ng
 RT: 9.52 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

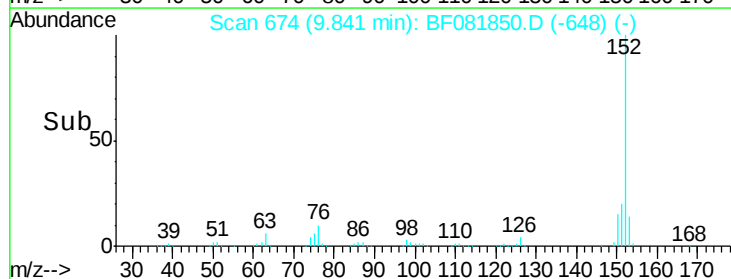
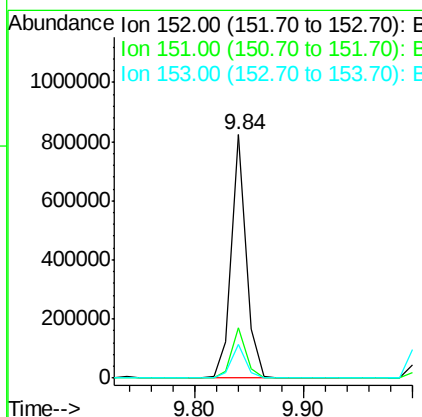
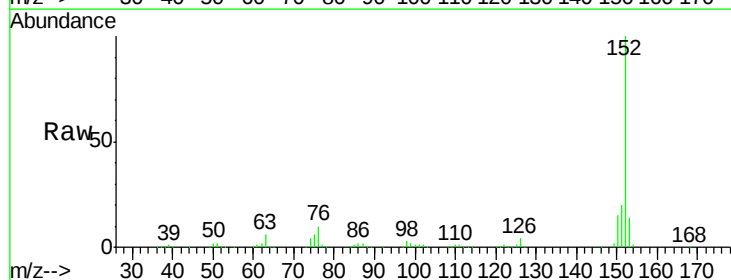
Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

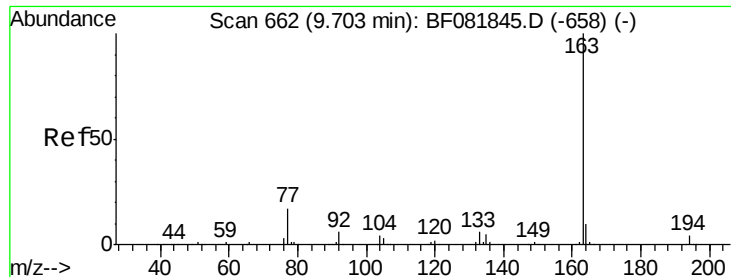
Tgt Ion: 65 Resp: 143350
 Ion Ratio Lower Upper
 65 100
 92 61.4 55.4 83.0
 138 86.7 115.5 173.3#



#48
 Acenaphthylene
 Concen: 42.09 ng
 RT: 9.84 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion: 152 Resp: 773080
 Ion Ratio Lower Upper
 152 100
 151 20.5 14.6 22.0
 153 13.6 10.3 15.5

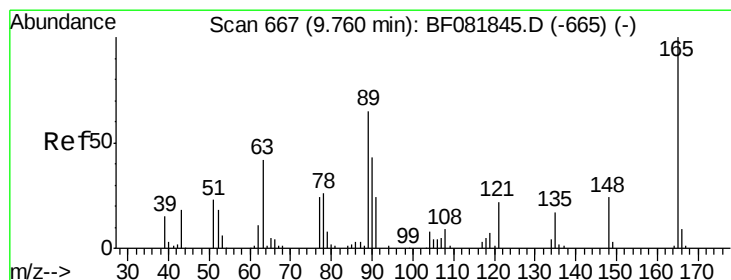
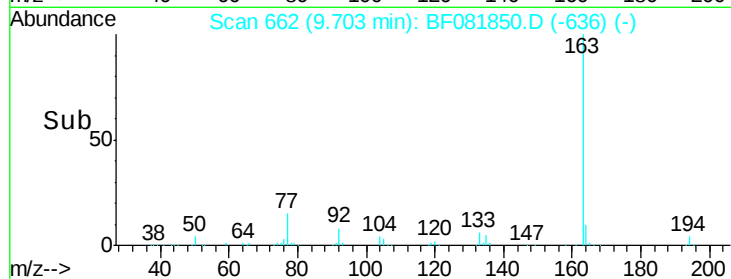
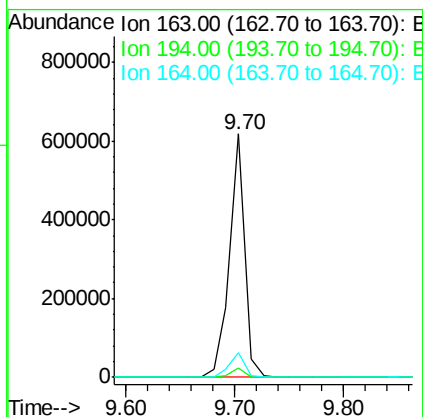
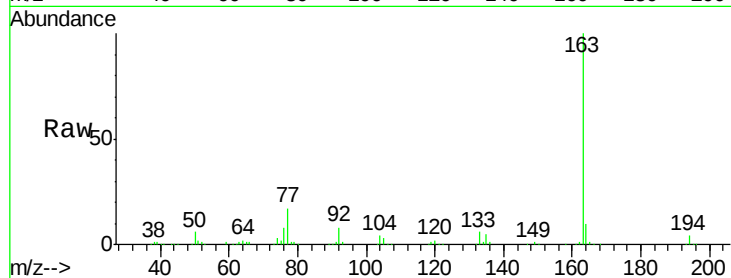




#49
Dimethylphthalate
Concen: 45.77 ng
RT: 9.70 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

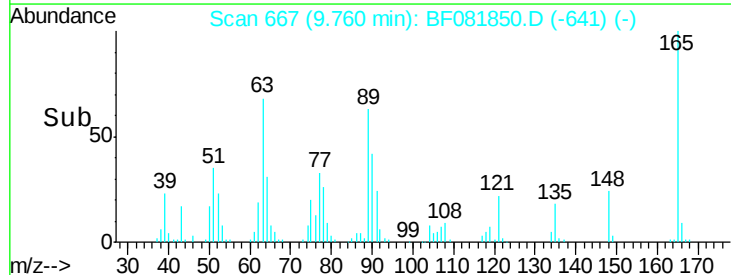
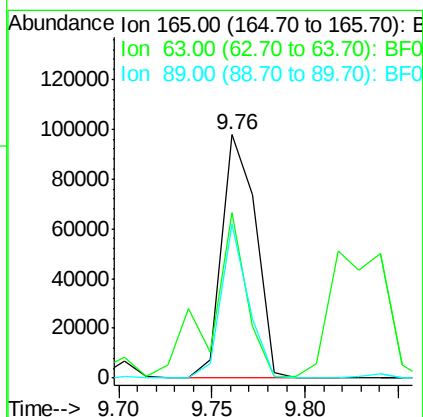
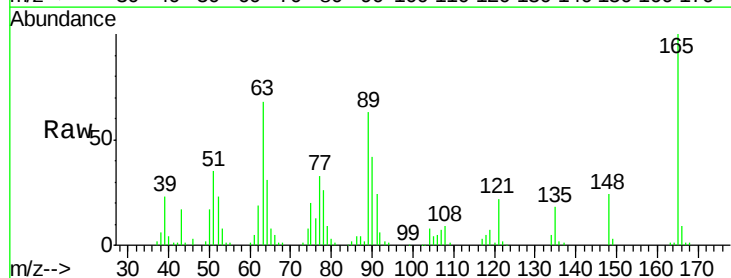
Instrument :
BNA_F
ClientSampleId :
PB85617BS

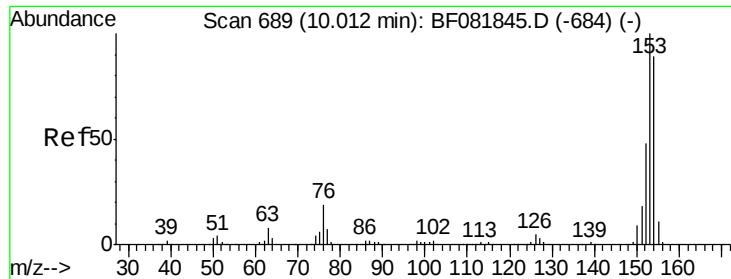
Tgt Ion:163 Resp: 598496
Ion Ratio Lower Upper
163 100
194 3.7 4.4 6.6#
164 10.3 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 43.84 ng
RT: 9.76 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion:165 Resp: 124458
Ion Ratio Lower Upper
165 100
63 67.9 32.3 48.5#
89 63.3 28.6 43.0#





#51

Acenaphthene

Concen: 47.34 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

ClientSampleId :

PB85617BS

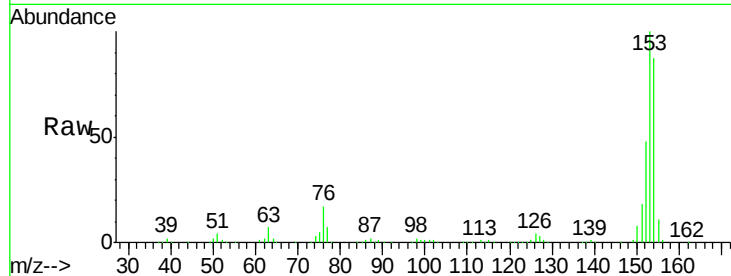
Tgt Ion:154 Resp: 516369

Ion Ratio Lower Upper

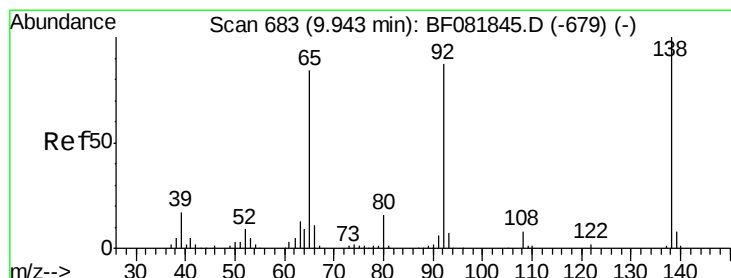
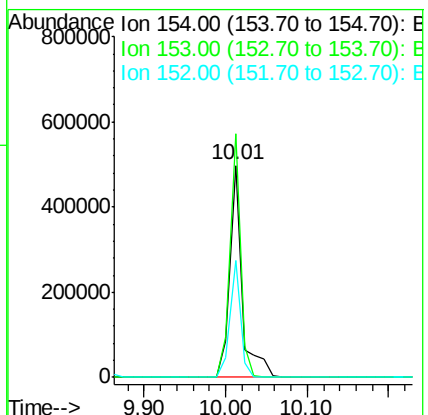
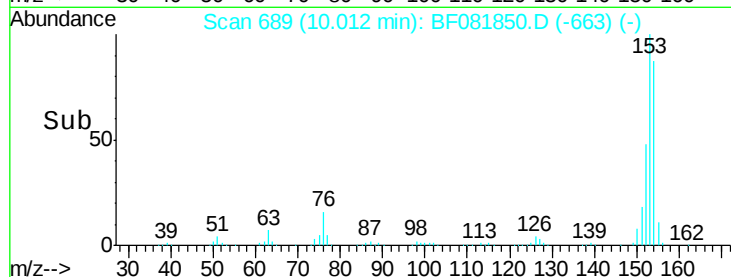
154 100

153 115.0 82.1 123.1

152 55.1 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.73 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

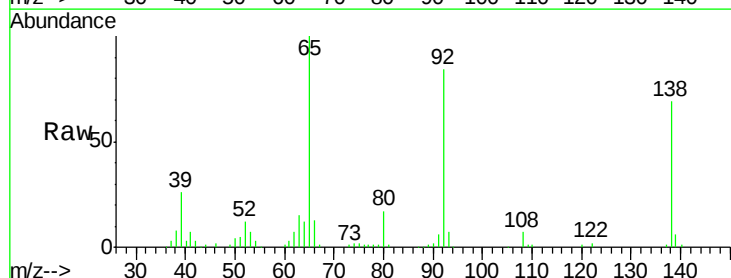
Tgt Ion:138 Resp: 84506

Ion Ratio Lower Upper

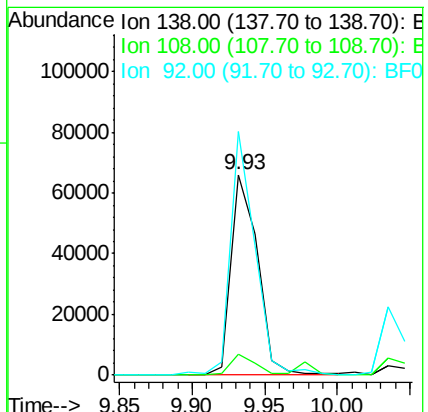
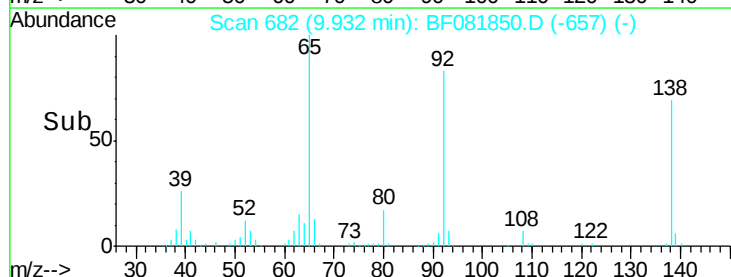
138 100

108 10.7 5.7 8.5#

92 121.5 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

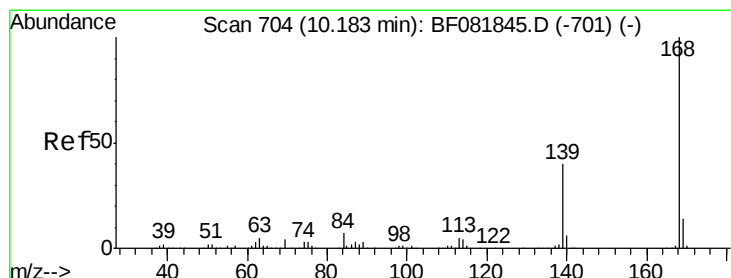
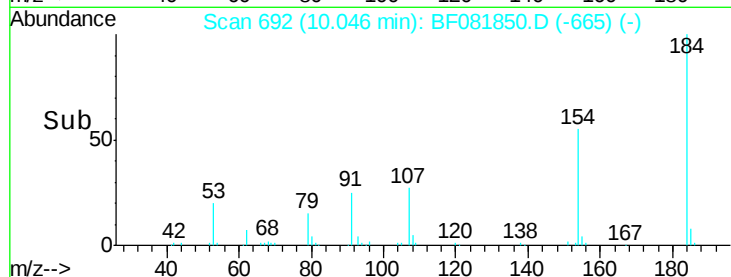
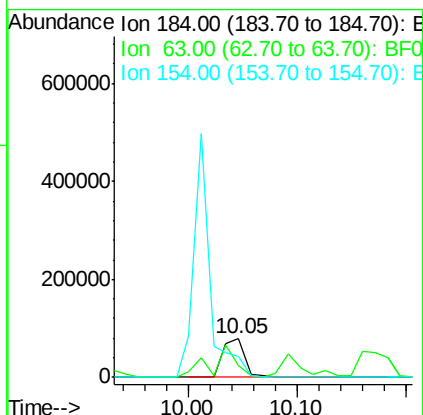
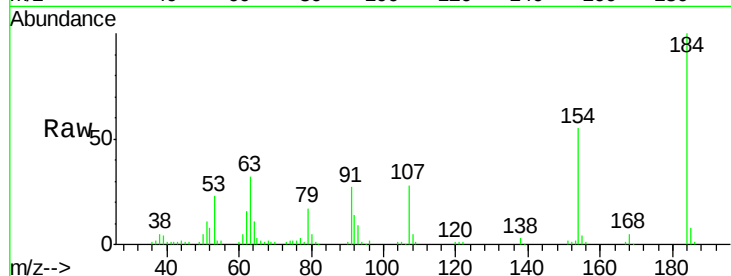




#53
2,4-Dinitrophenol
Concen: 79.54 ng
RT: 10.05 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

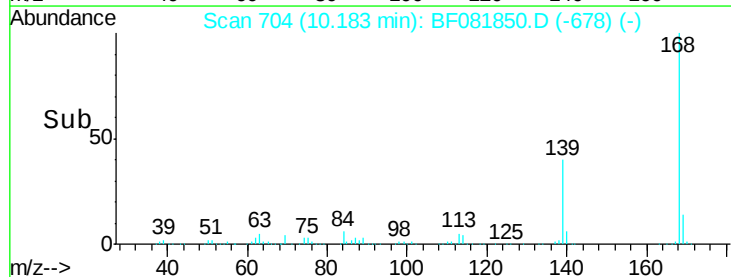
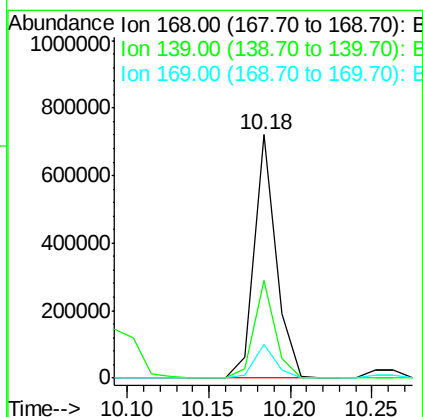
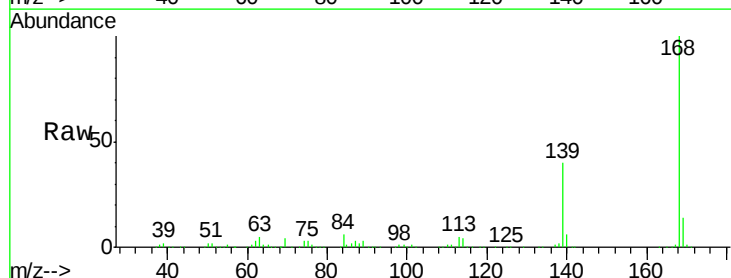
Instrument :
BNA_F
ClientSampleId :
PB85617BS

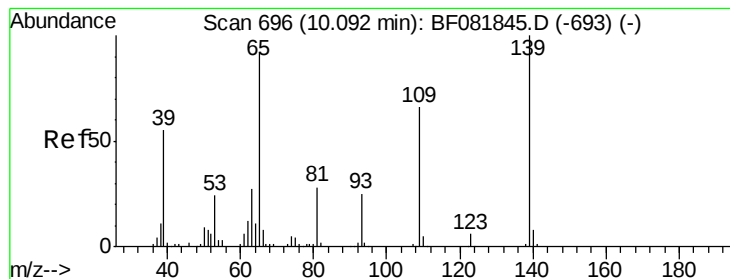
Tgt Ion:184 Resp: 109574
Ion Ratio Lower Upper
184 100
63 32.5 35.4 53.2#
154 55.4 32.2 48.4#



#54
Dibenzofuran
Concen: 43.69 ng
RT: 10.18 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion:168 Resp: 673459
Ion Ratio Lower Upper
168 100
139 39.9 24.2 36.2#
169 14.0 10.6 15.8





#55

4-Nitrophenol

Concen: 87.57 ng

RT: 10.09 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

ClientSampleId :

PB85617BS

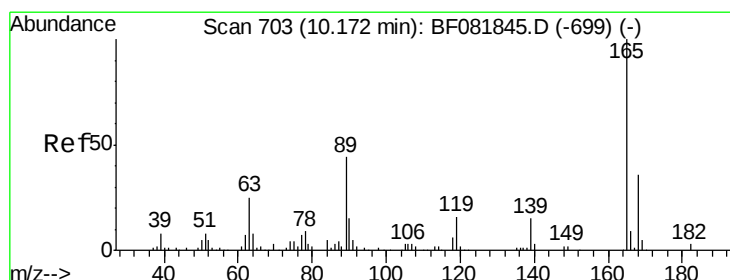
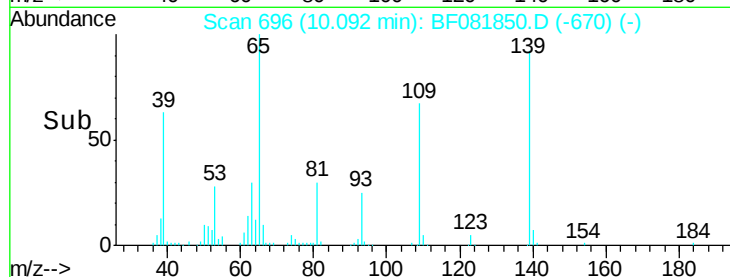
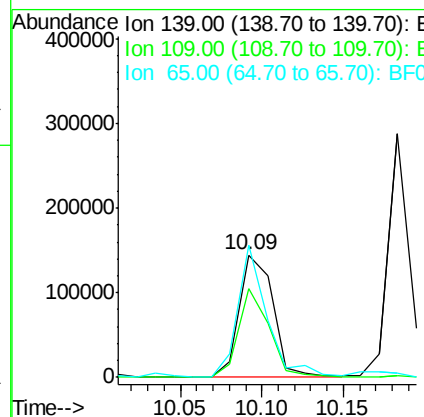
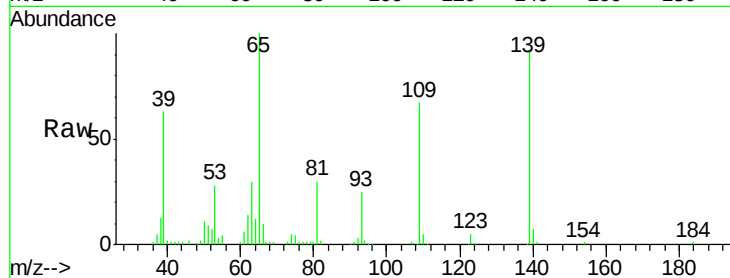
Tgt Ion:139 Resp: 207813

Ion Ratio Lower Upper

139 100

109 72.1 12.7 52.7#

65 108.2 45.9 85.9#



#56

2,4-Dinitrotoluene

Concen: 51.08 ng

RT: 10.17 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Tgt Ion:165 Resp: 184870

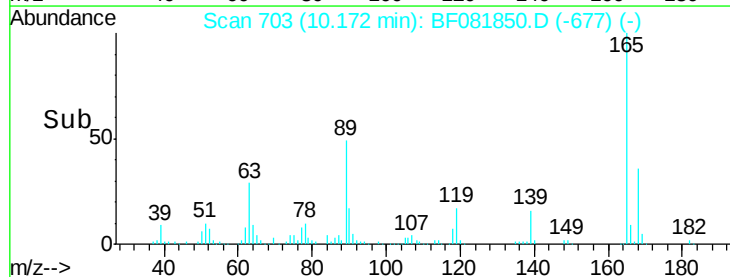
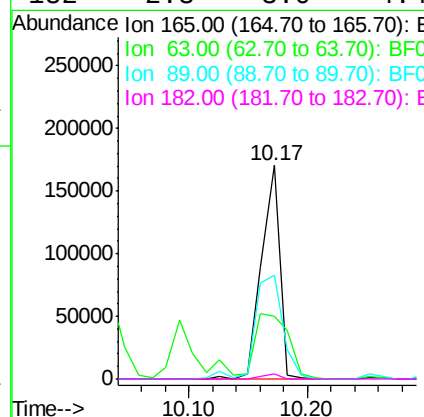
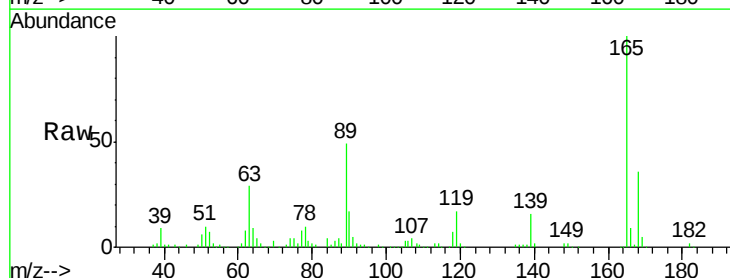
Ion Ratio Lower Upper

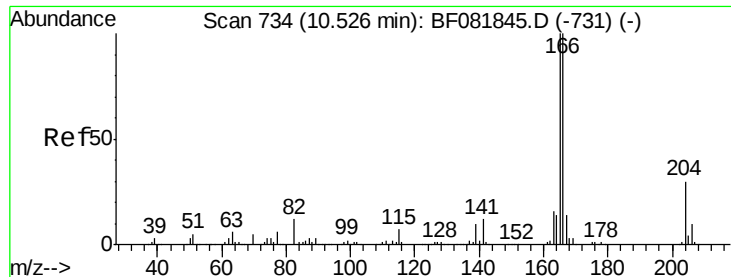
165 100

63 29.2 29.8 44.6#

89 48.7 44.5 66.7

182 2.3 3.0 4.4#

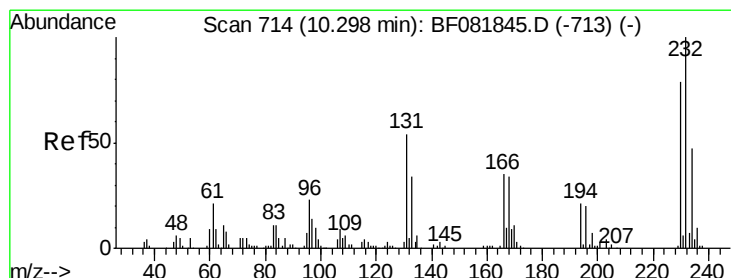
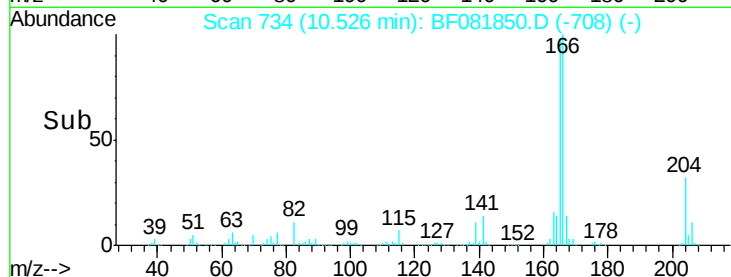
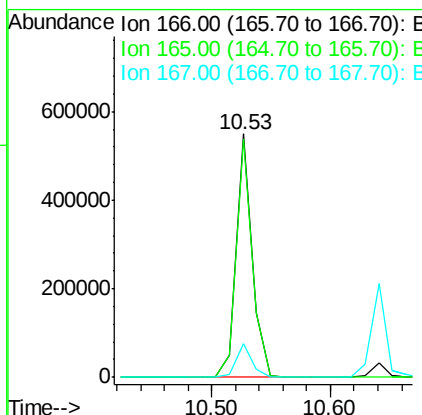
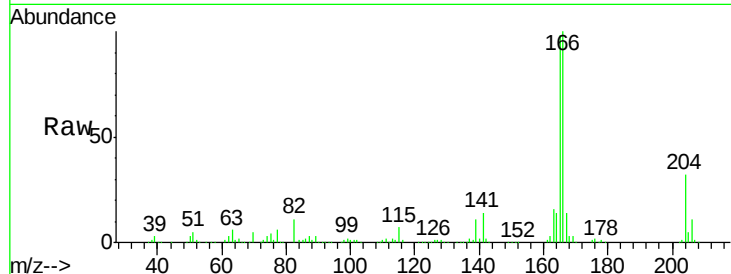




#57
 Fluorene
 Concen: 46.86 ng
 RT: 10.53 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

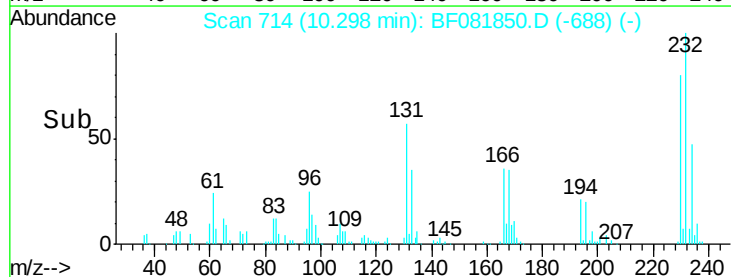
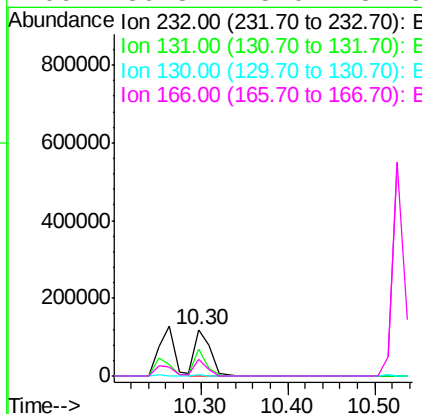
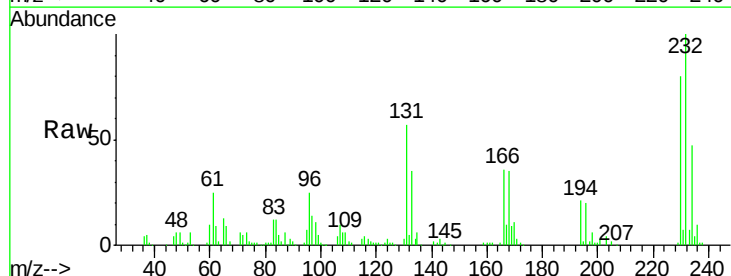
Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

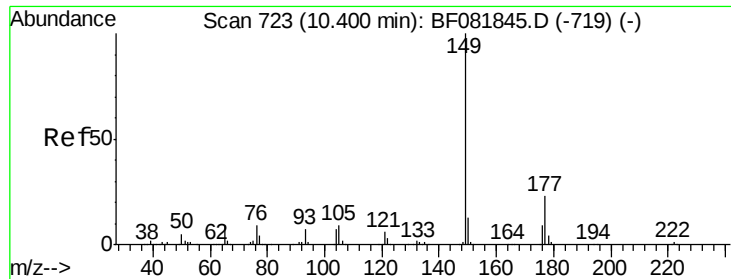
Tgt Ion:166 Resp: 515617
 Ion Ratio Lower Upper
 166 100
 165 97.9 72.6 109.0
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.47 ng
 RT: 10.30 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion:232 Resp: 147896
 Ion Ratio Lower Upper
 232 100
 131 45.7 38.5 57.7
 130 2.0 1.8 2.6
 166 30.8 25.0 37.6

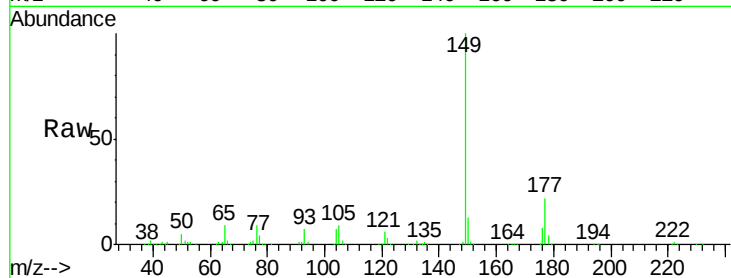




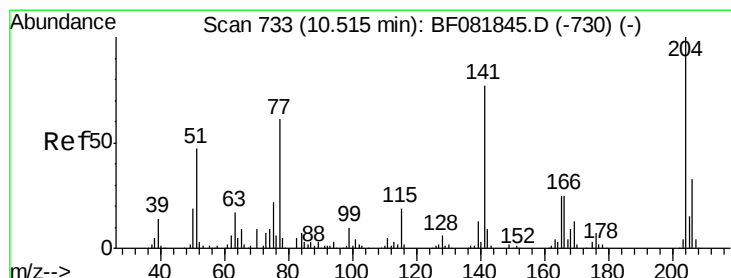
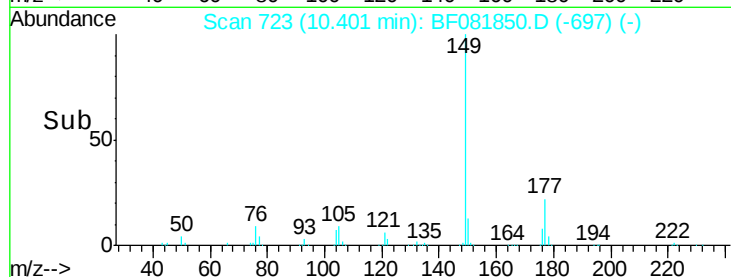
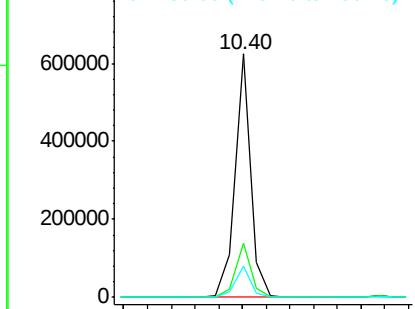
#59
Diethylphthalate
Concen: 46.81 ng
RT: 10.40 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
PB85617BS

Tgt Ion:149 Resp: 571711
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.8 9.4 14.2

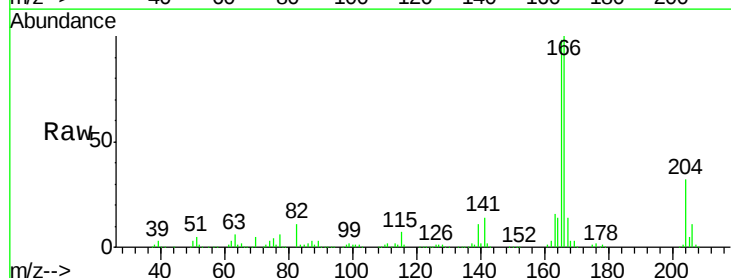


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

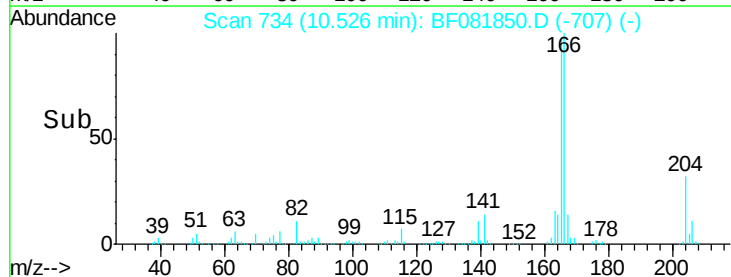
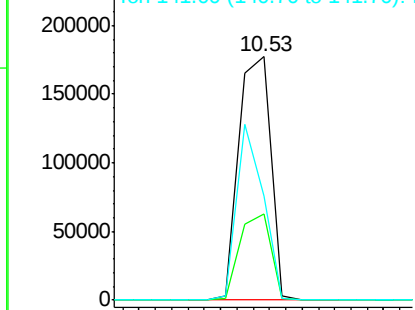


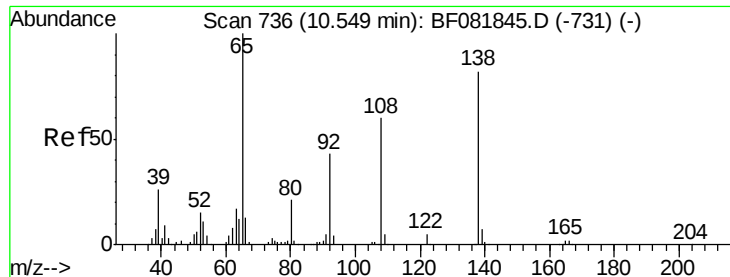
#60
4-Chlorophenyl-phenylether
Concen: 42.53 ng
RT: 10.53 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion:204 Resp: 239981
Ion Ratio Lower Upper
204 100
206 35.6 24.8 37.2
141 42.8 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

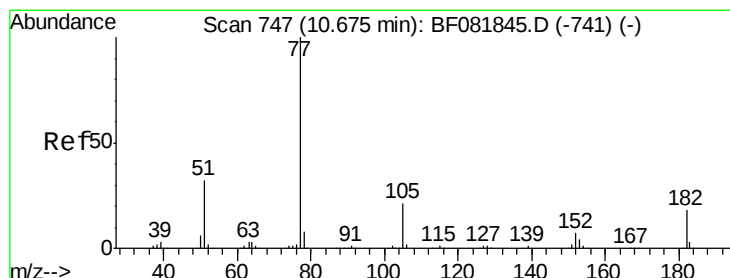
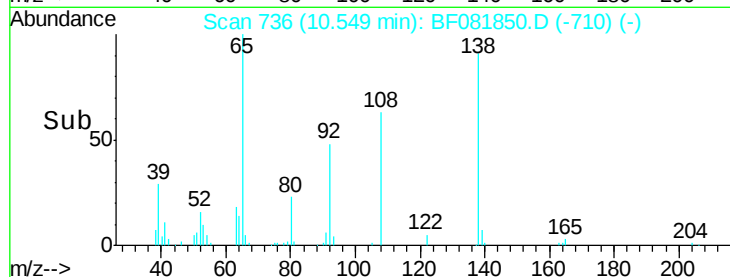
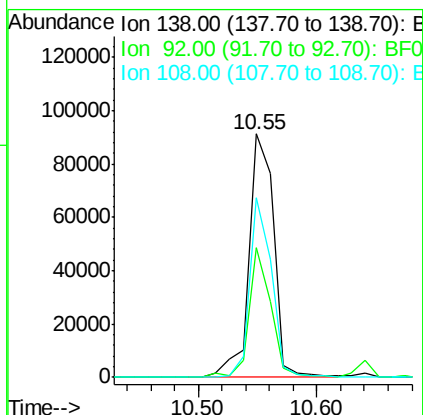
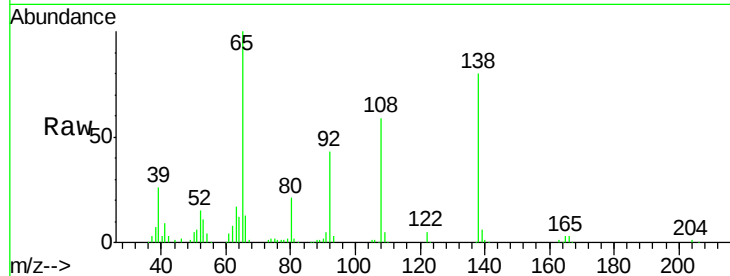




#61
4-Nitroaniline
Concen: 40.64 ng
RT: 10.55 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

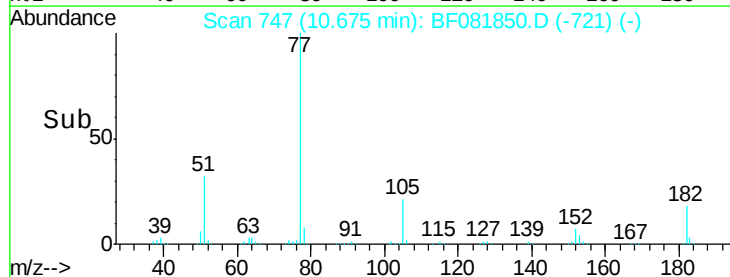
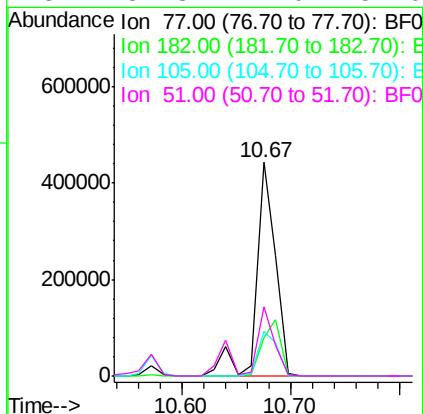
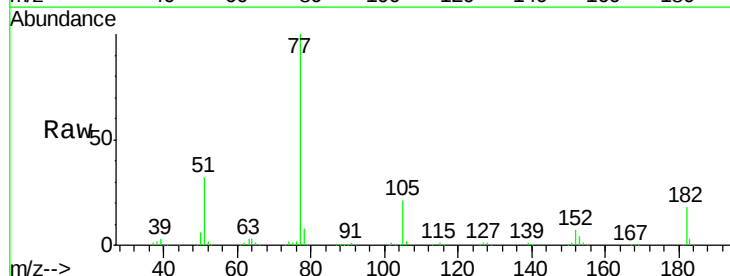
Instrument :
BNA_F
ClientSampleId :
PB85617BS

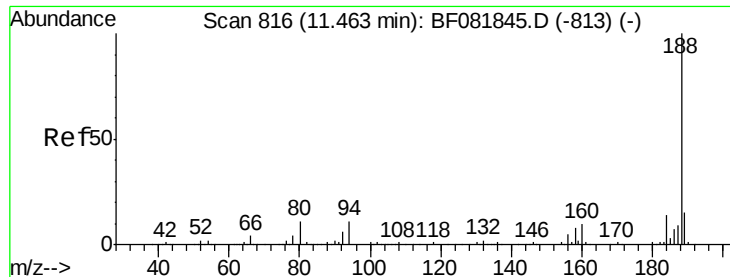
Tgt Ion:138 Resp: 133818
Ion Ratio Lower Upper
138 100
92 53.1 12.6 52.6#
108 73.5 12.4 52.4#



#62
Azobenzene
Concen: 45.97 ng
RT: 10.67 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion: 77 Resp: 548013
Ion Ratio Lower Upper
77 100
182 17.7 15.1 55.1
105 21.0 3.4 43.4
51 32.3 12.0 52.0

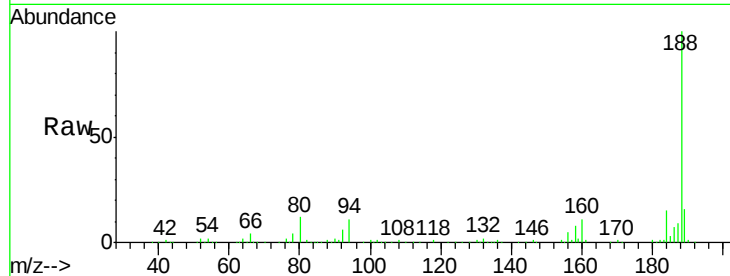




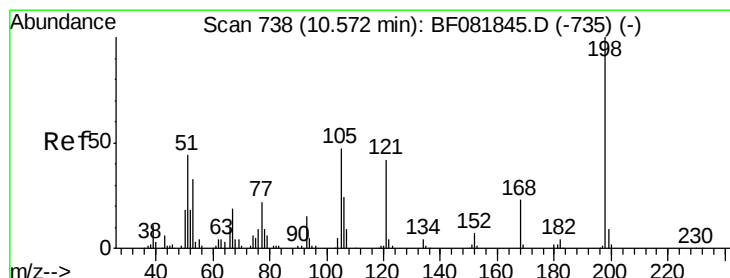
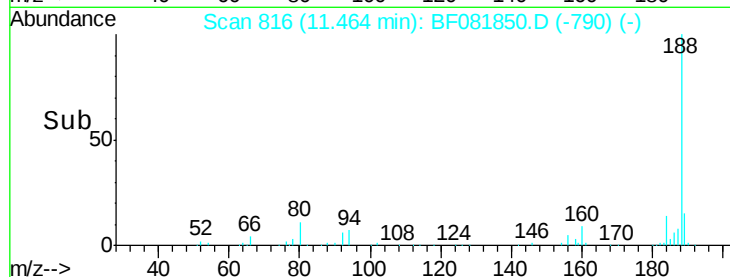
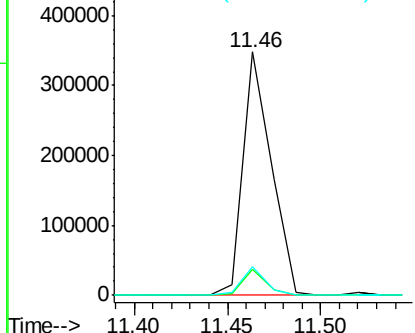
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Tgt Ion:188 Resp: 366442
 Ion Ratio Lower Upper
 188 100
 94 10.7 11.1 16.7#
 80 11.6 11.0 16.4

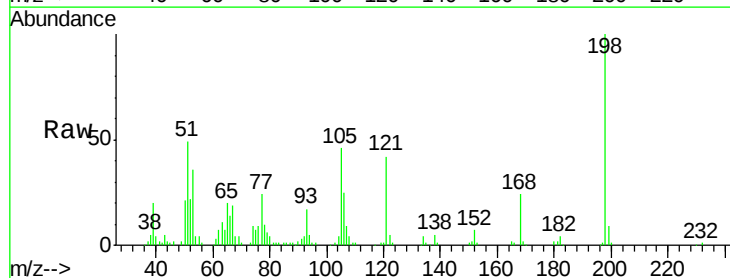


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

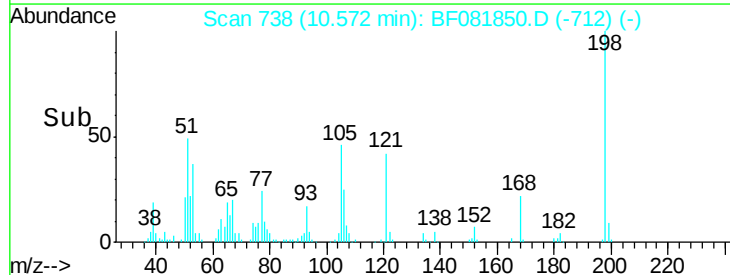
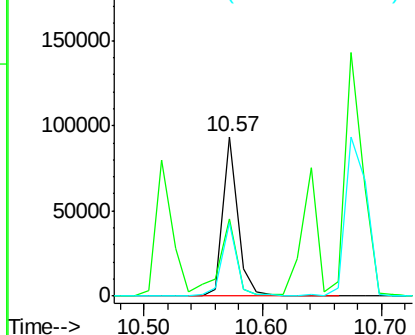


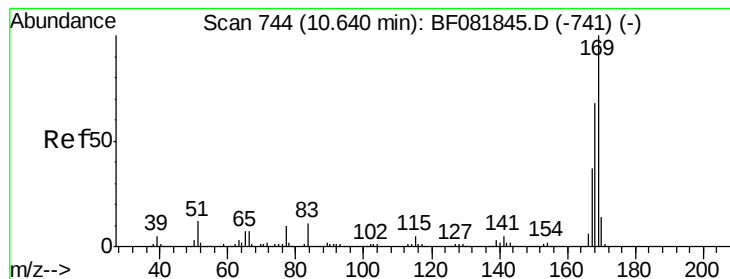
#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.40 ng
 RT: 10.57 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion:198 Resp: 80649
 Ion Ratio Lower Upper
 198 100
 51 48.6 39.6 79.6
 105 46.1 28.5 68.5



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

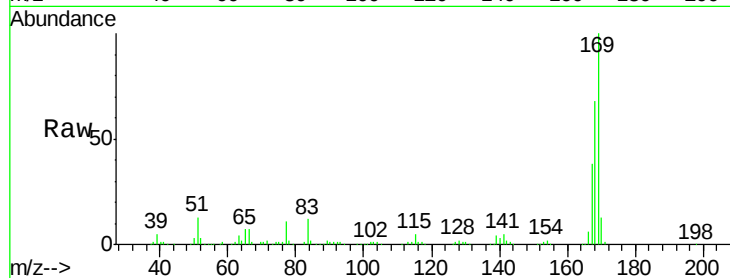




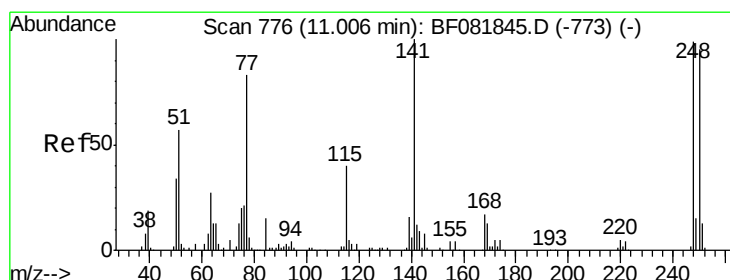
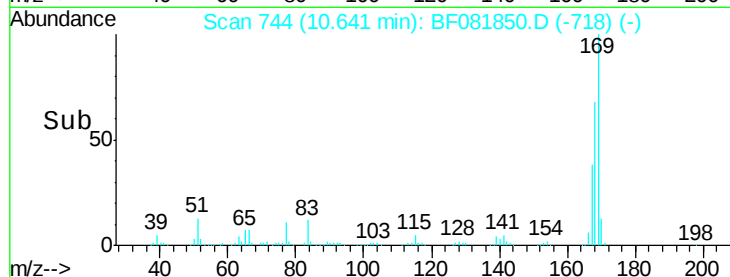
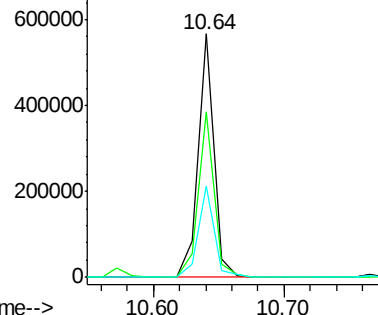
#65
n-Nitrosodiphenylamine
Concen: 43.45 ng
RT: 10.64 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
PB85617BS

Tgt Ion:169 Resp: 481730
Ion Ratio Lower Upper
169 100
168 68.0 48.9 73.3
167 37.6 26.2 39.4

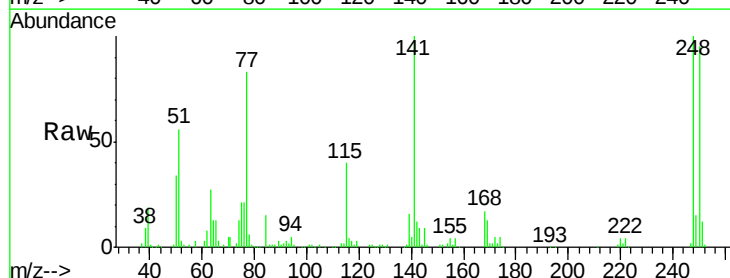


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

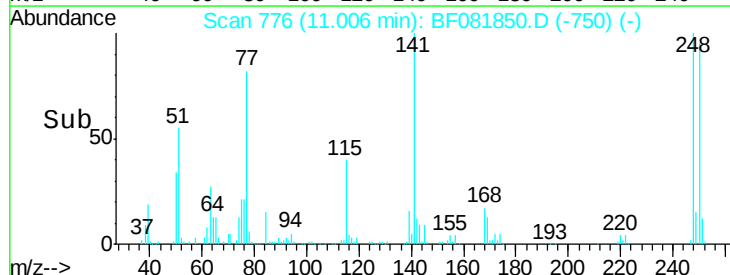
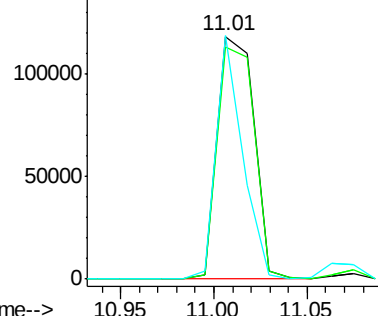


#66
4-Bromophenyl-phenylether
Concen: 43.73 ng
RT: 11.01 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion:248 Resp: 161582
Ion Ratio Lower Upper
248 100
250 95.8 78.5 117.7
141 100.5 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

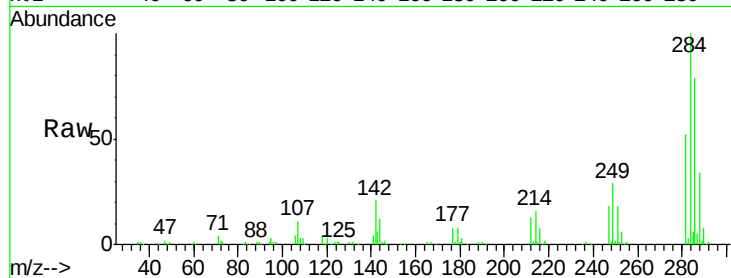




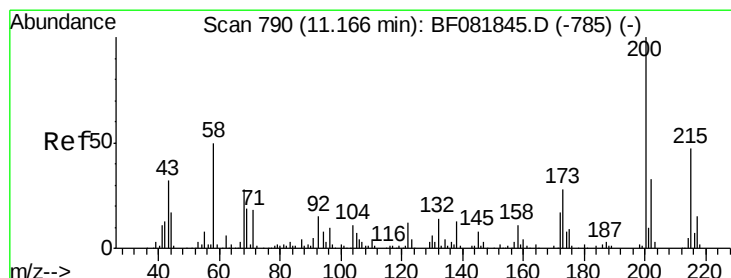
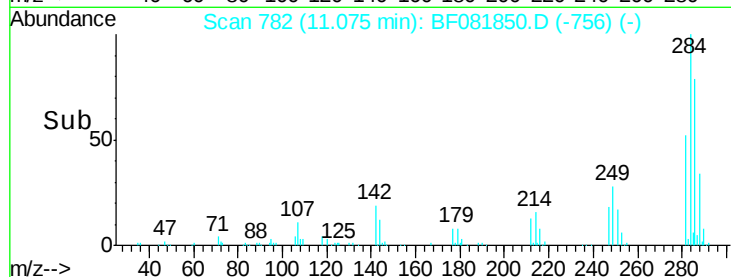
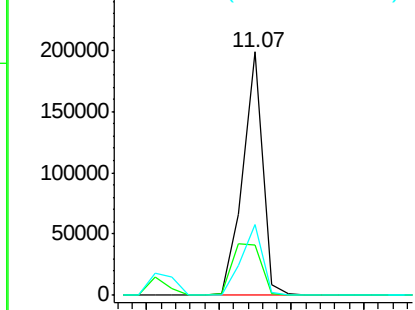
#67
Hexachlorobenzene
Concen: 45.51 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
PB85617BS

Tgt Ion: 284 Resp: 189790
Ion Ratio Lower Upper
284 100
142 20.5 29.5 44.3#
249 29.0 19.5 29.3

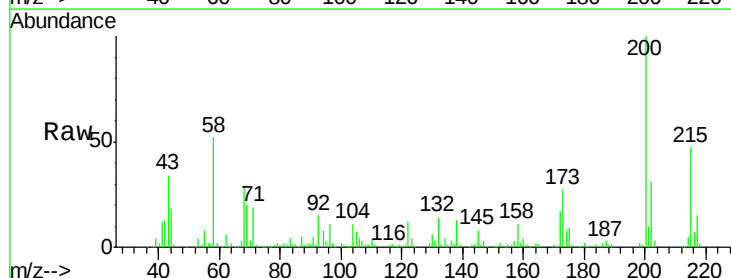


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

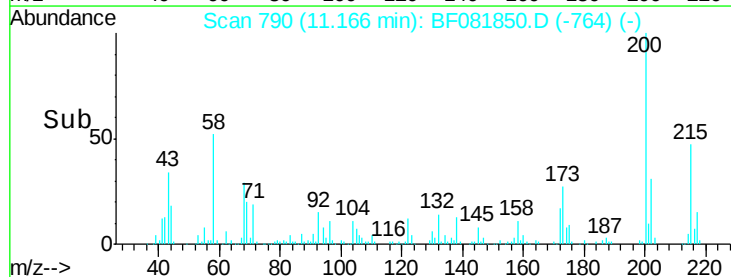
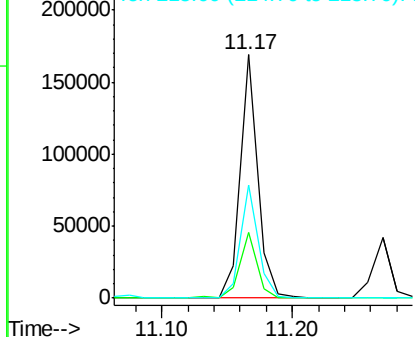


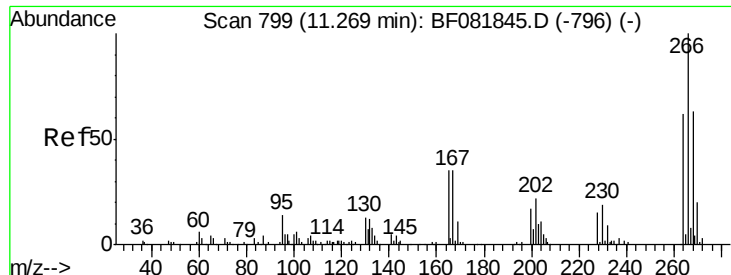
#68
Atrazine
Concen: 45.52 ng
RT: 11.17 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion: 200 Resp: 156585
Ion Ratio Lower Upper
200 100
173 27.1 13.2 53.2
215 46.6 41.8 81.8



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

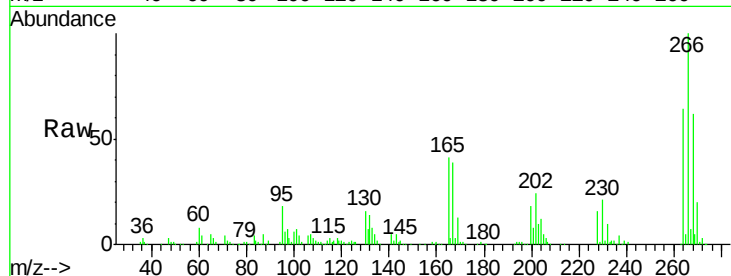




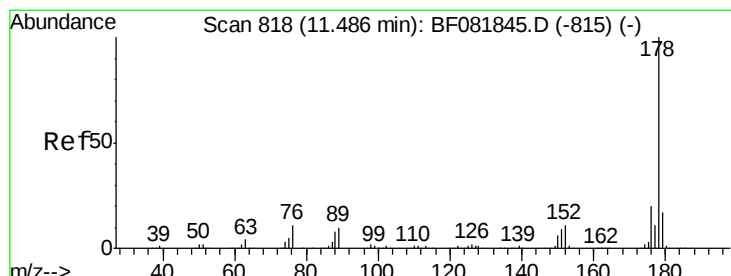
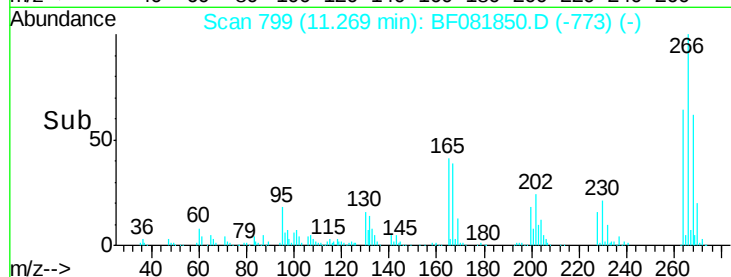
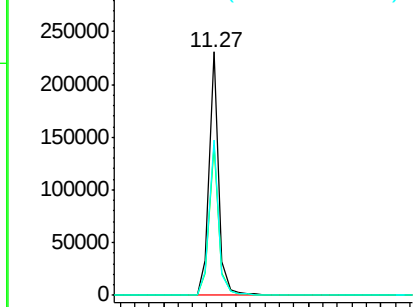
#69
 Pentachlorophenol
 Concen: 90.32 ng
 RT: 11.27 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Tgt Ion: 266 Resp: 214594
 Ion Ratio Lower Upper
 266 100
 268 61.9 49.8 74.6
 264 63.8 50.2 75.2

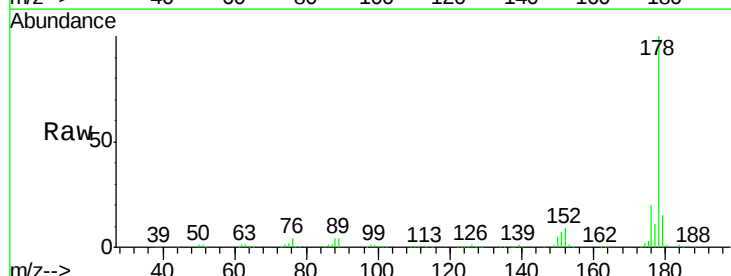


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

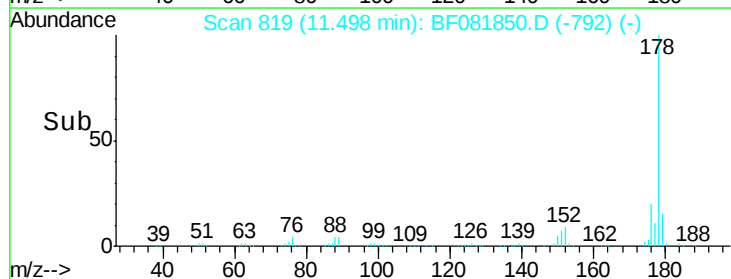
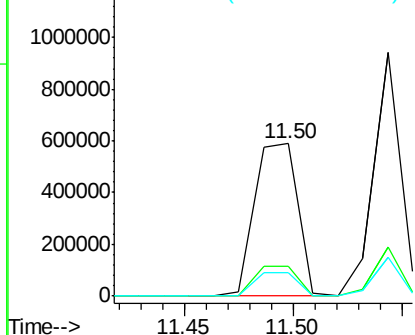


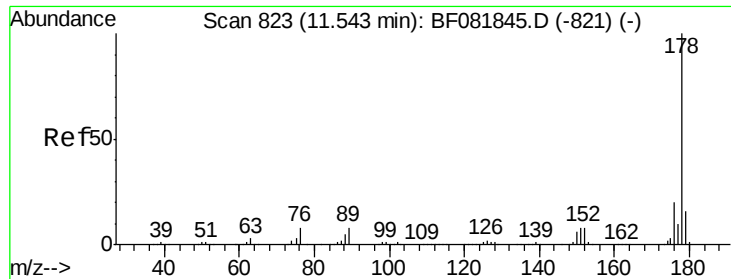
#70
 Phenanthrene
 Concen: 46.52 ng
 RT: 11.50 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion: 178 Resp: 819283
 Ion Ratio Lower Upper
 178 100
 176 19.5 13.8 20.8
 179 15.2 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

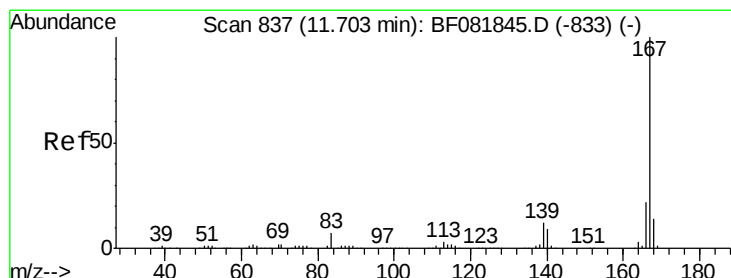
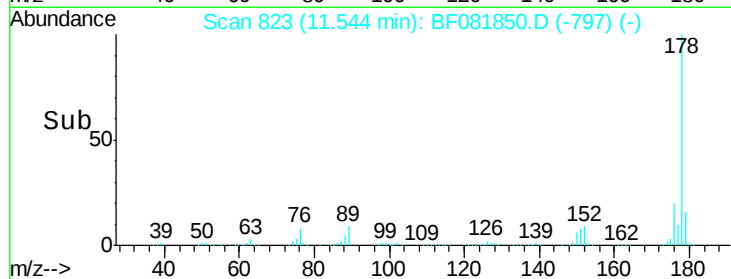
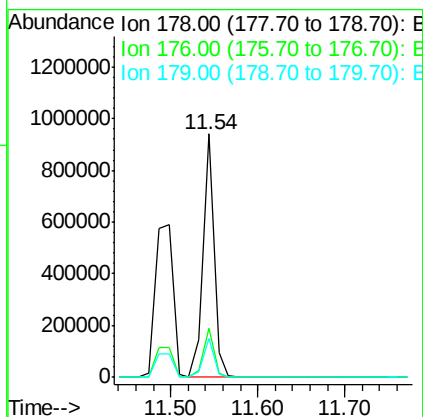
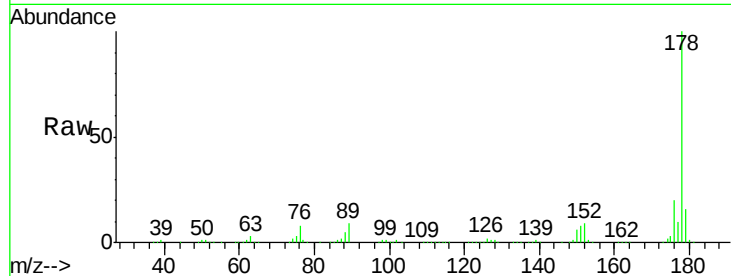




#71
 Anthracene
 Concen: 44.09 ng
 RT: 11.54 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

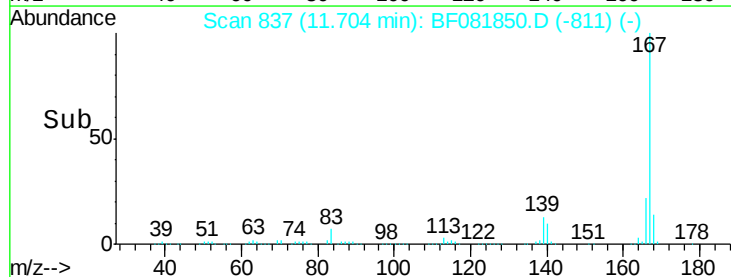
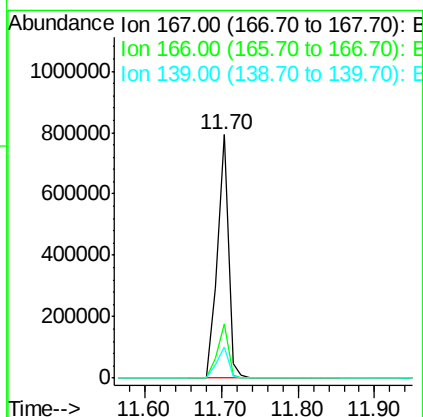
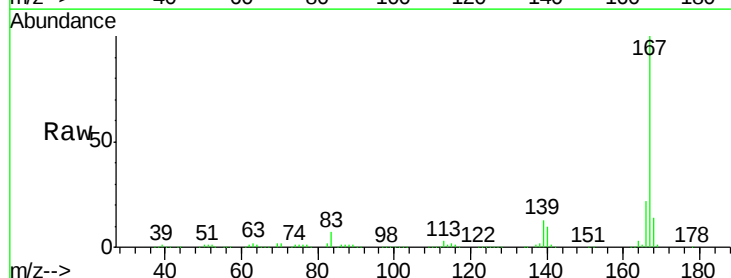
Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

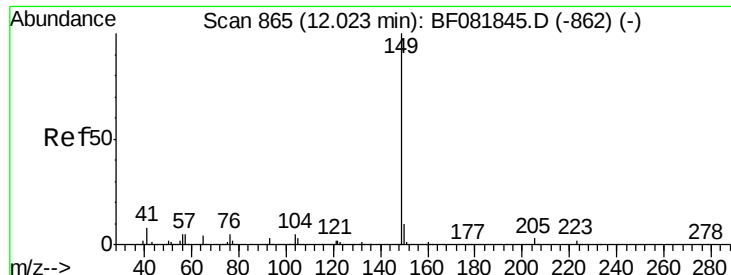
Tgt Ion:178 Resp: 821090
 Ion Ratio Lower Upper
 178 100
 176 19.9 14.1 21.1
 179 16.2 12.2 18.2



#72
 Carbazole
 Concen: 47.07 ng
 RT: 11.70 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion:167 Resp: 793500
 Ion Ratio Lower Upper
 167 100
 166 22.2 15.7 23.5
 139 12.8 9.5 14.3





#73

Di-n-butylphthalate

Concen: 48.96 ng

RT: 12.02 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

ClientSampleId :

PB85617BS

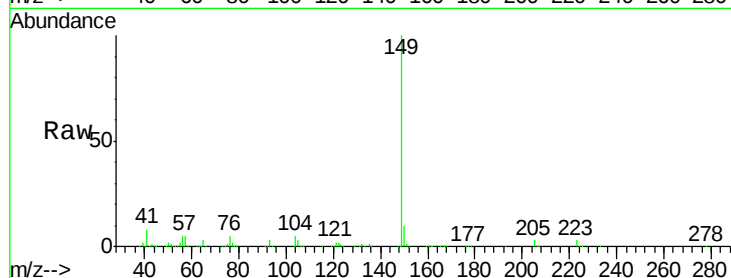
Tgt Ion:149 Resp: 838612

Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.2

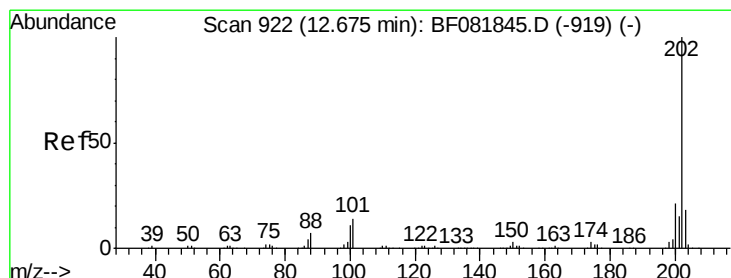
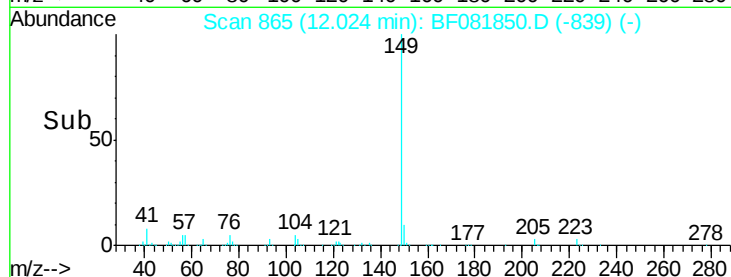
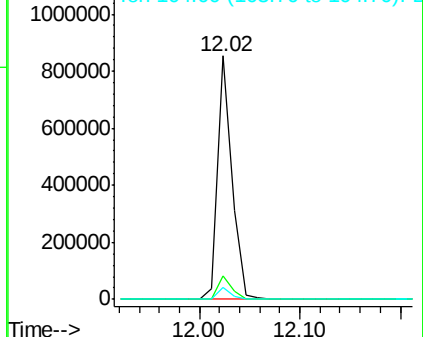
104 5.1 2.4 3.6#



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: 44.44 ng

RT: 12.69 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

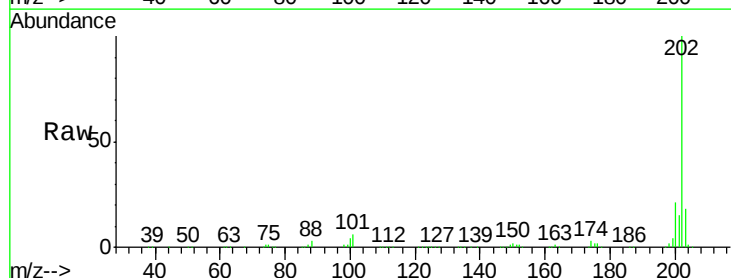
Tgt Ion:202 Resp: 872324

Ion Ratio Lower Upper

202 100

101 6.2 0.0 38.3

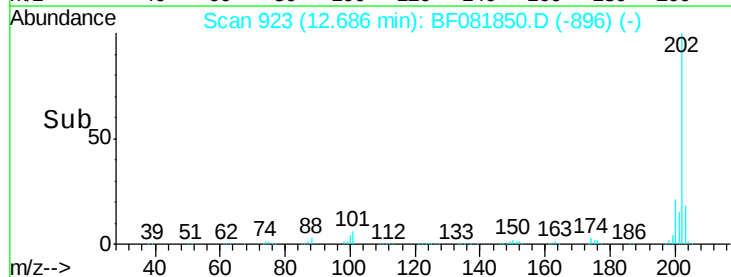
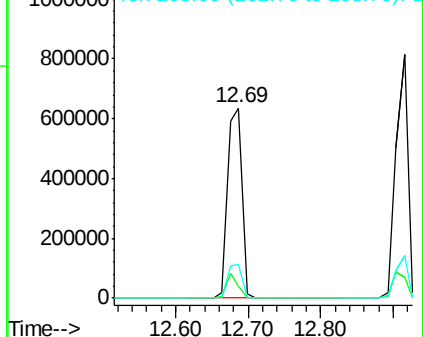
203 17.5 0.0 37.3

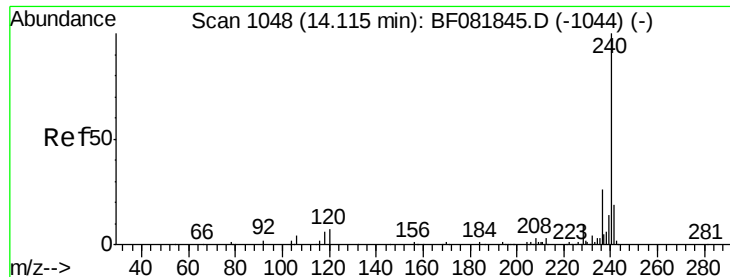


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

ClientSampleId :

PB85617BS

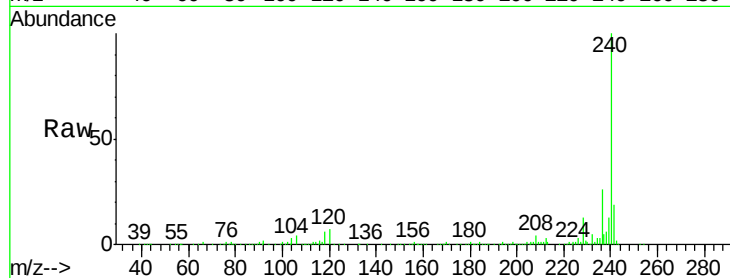
Tgt Ion:240 Resp: 354787

Ion Ratio Lower Upper

240 100

120 6.6 16.2 24.2#

236 26.1 18.4 27.6

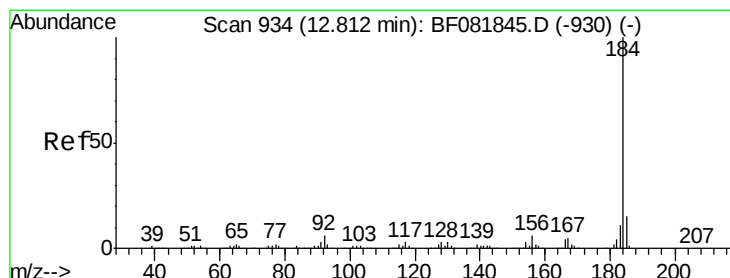
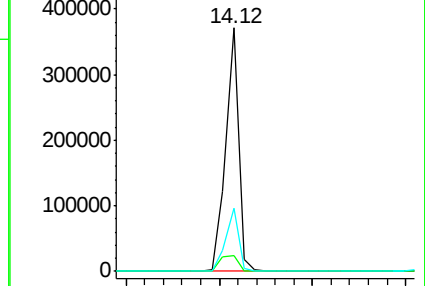
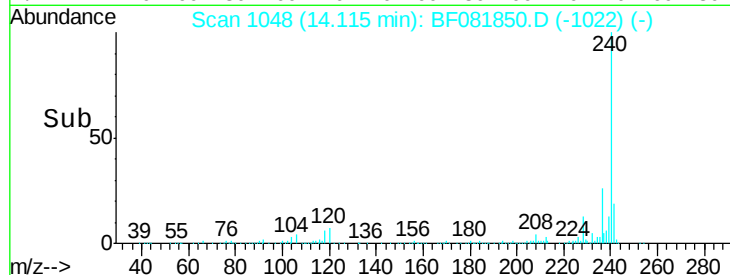


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time--> 14.00 14.10 14.20



#76

Benzidine

Concen: 23.66 ng

RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

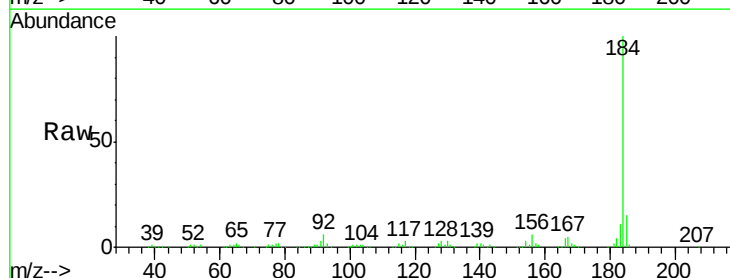
Tgt Ion:184 Resp: 252897

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.6

183 11.1 7.6 11.4

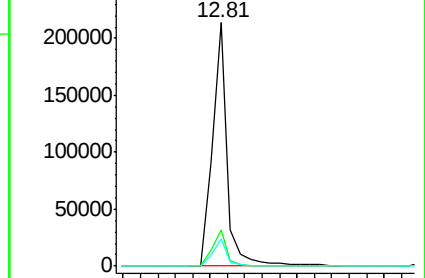
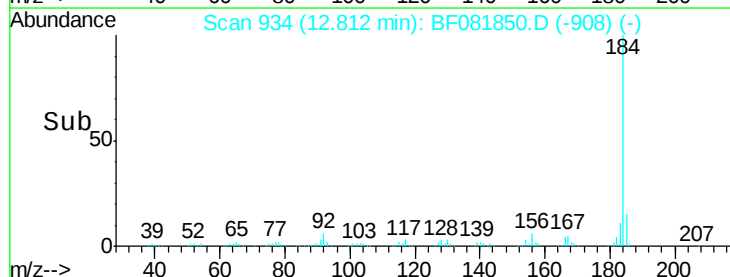


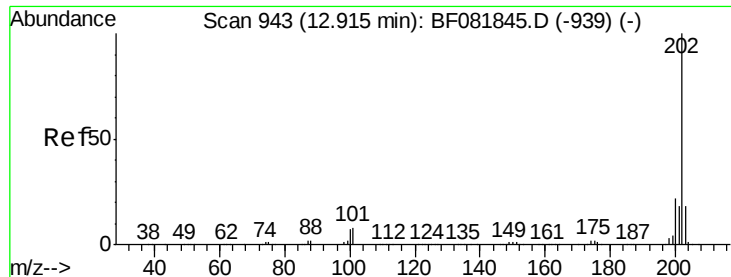
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

Time--> 12.70 12.80 12.90 13.00

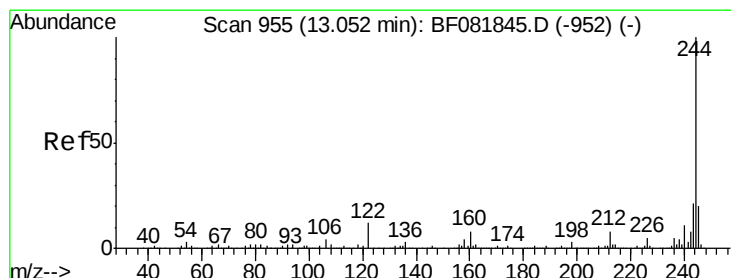
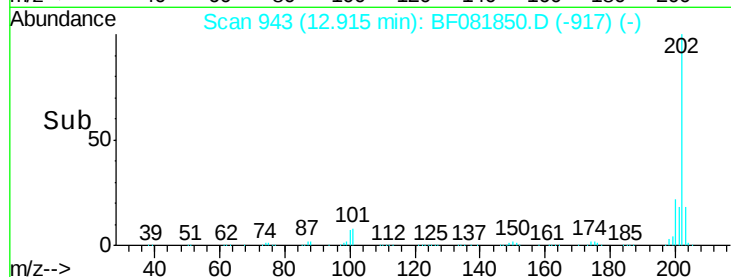
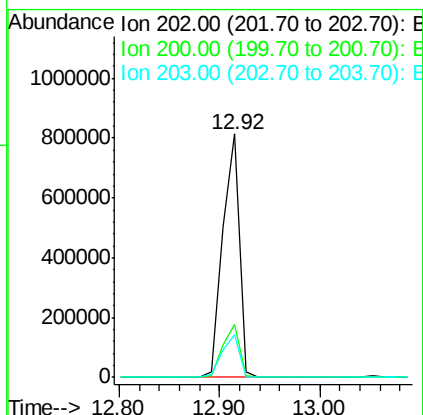
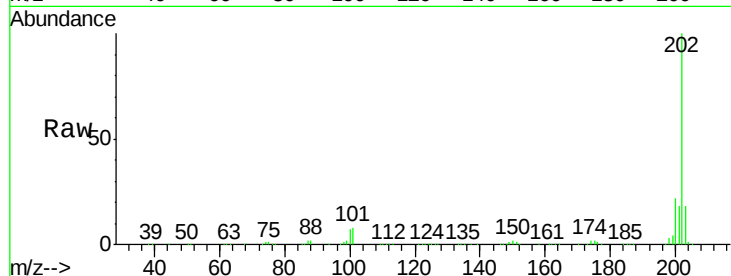




#77
 Pyrene
 Concen: 43.99 ng
 RT: 12.92 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

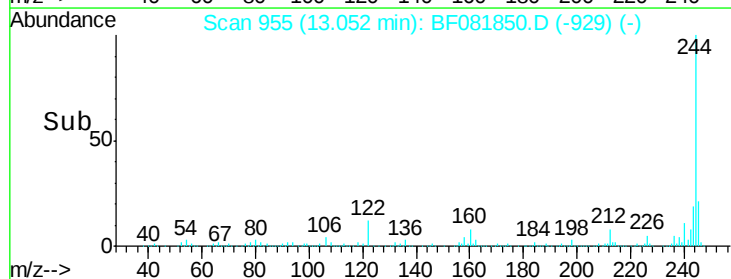
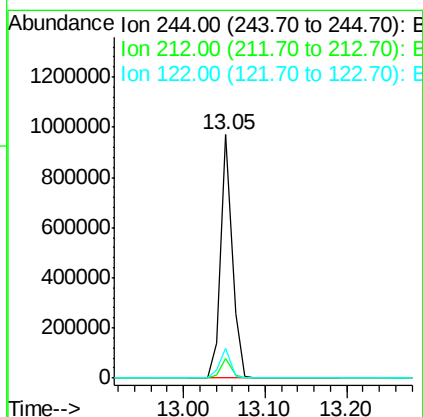
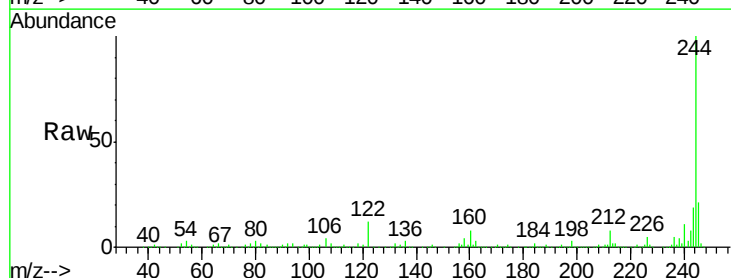
Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	15.0	22.4
203	17.5	14.1	21.1



#78
 Terphenyl-d14
 Concen: 87.17 ng
 RT: 13.05 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	12.2	17.4	26.2#

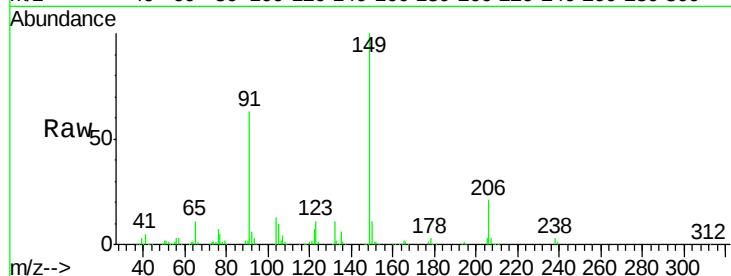




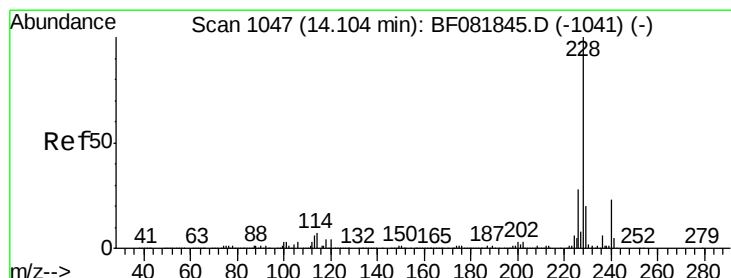
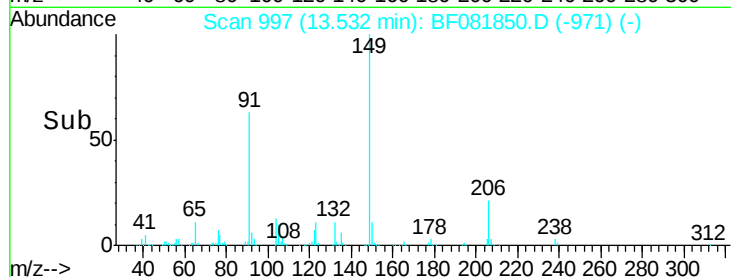
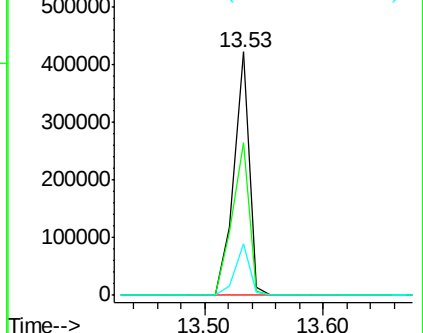
#79
Butylbenzylphthalate
Concen: 48.08 ng
RT: 13.53 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Instrument :
BNA_F
ClientSampleId :
PB85617BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.9	48.6	72.8
206	21.1	14.9	22.3

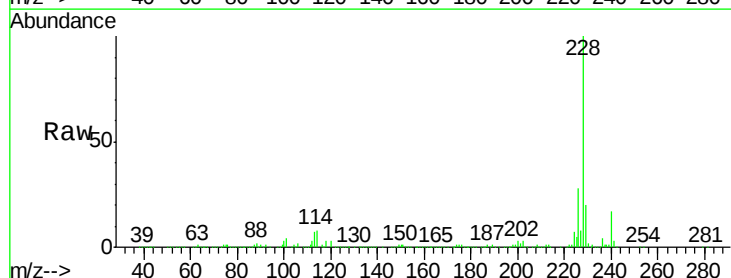


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

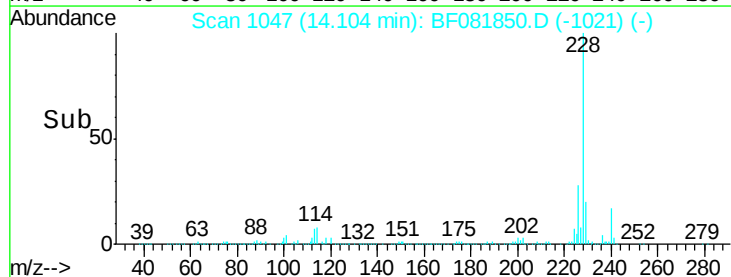
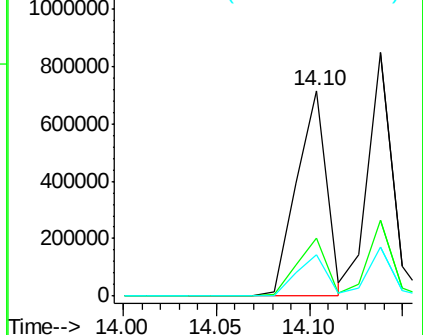


#80
Benzo(a)anthracene
Concen: 42.04 ng
RT: 14.10 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF081850.D
Acq: 28 Sep 2015 18:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	20.0	30.0
229	20.4	15.4	23.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 25.44 ng

RT: 14.07 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

ClientSampleId :

PB85617BS

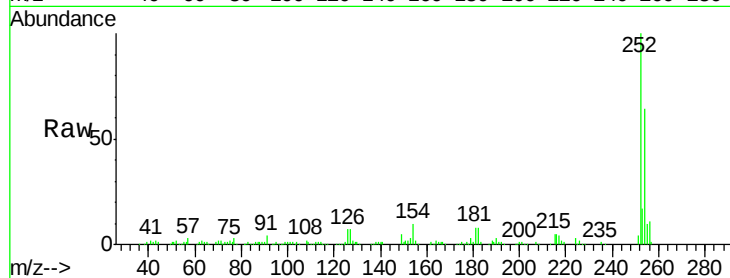
Tgt Ion:252 Resp: 164123

Ion Ratio Lower Upper

252 100

254 63.7 51.4 77.2

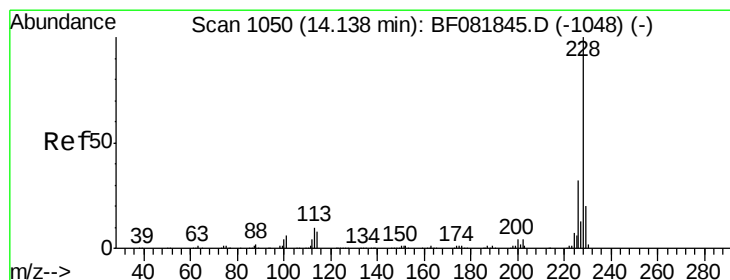
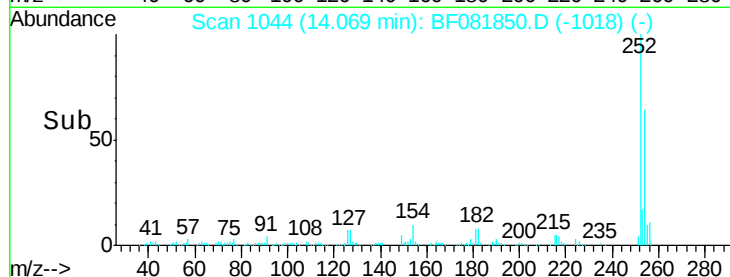
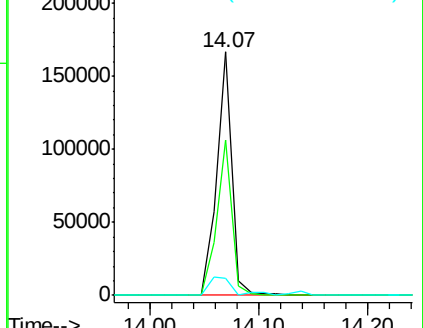
126 7.2 16.4 24.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 47.46 ng

RT: 14.14 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

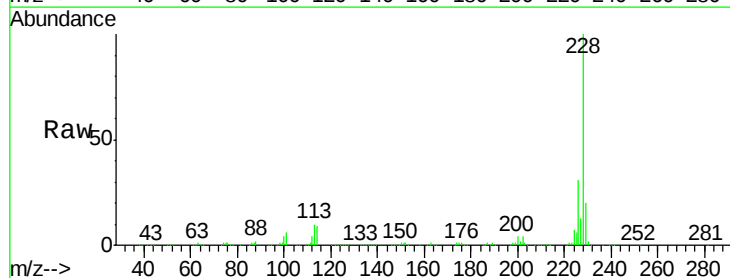
Tgt Ion:228 Resp: 769078

Ion Ratio Lower Upper

228 100

226 31.3 21.0 31.4

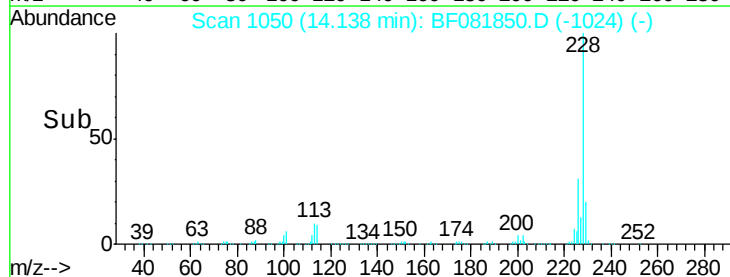
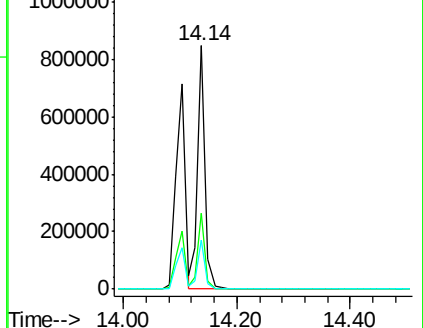
229 20.2 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.38 ng

RT: 14.08 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

ClientSampleId :

PB85617BS

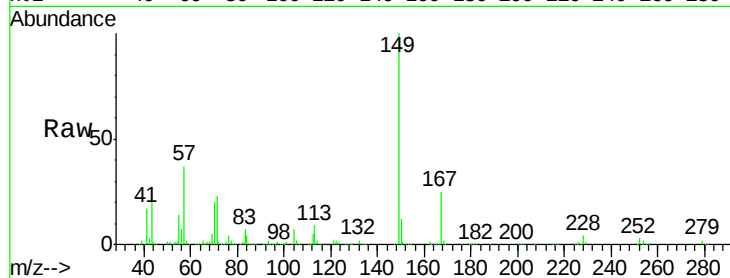
Tgt Ion:149 Resp: 464015

Ion Ratio Lower Upper

149 100

167 24.8 24.2 36.2

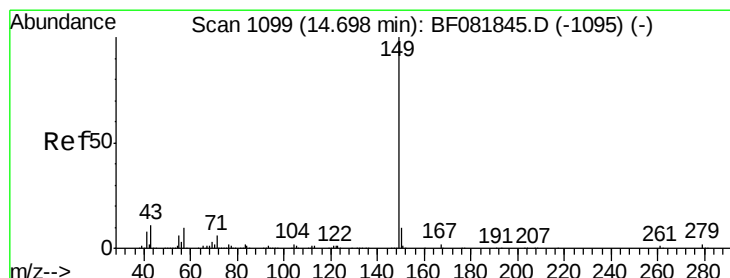
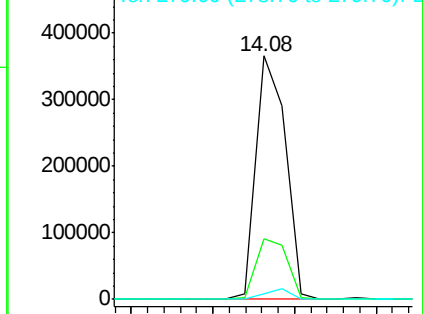
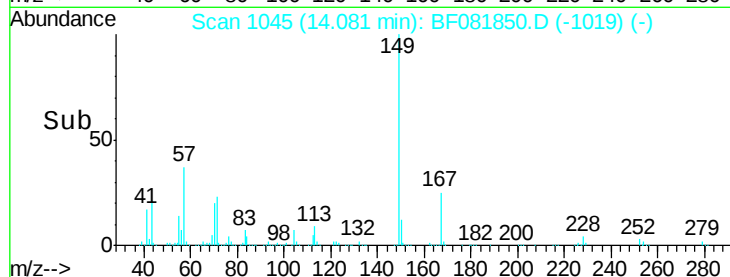
279 2.1 3.8 5.6#



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: 47.96 ng

RT: 14.70 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

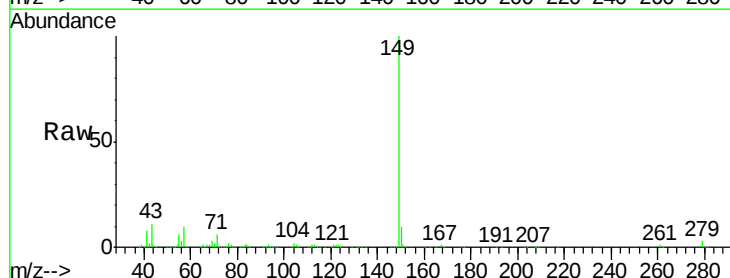
Tgt Ion:149 Resp: 780768

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

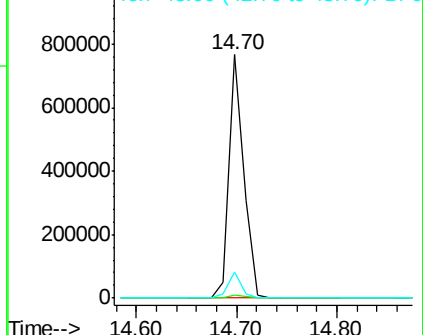
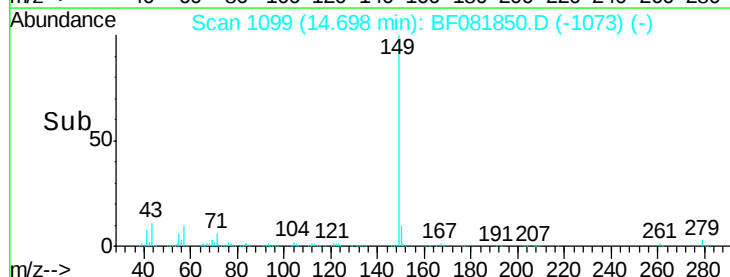
43 9.4 10.2 15.2#



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

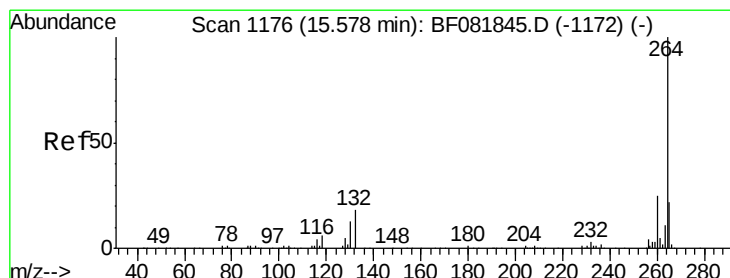
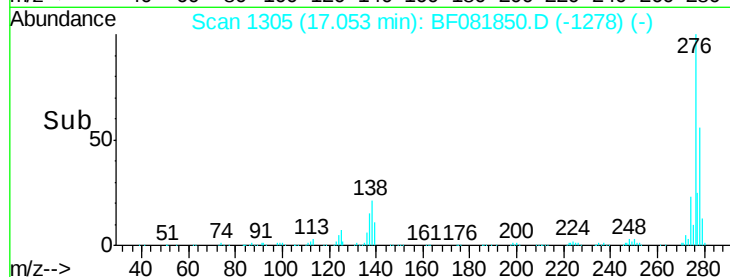
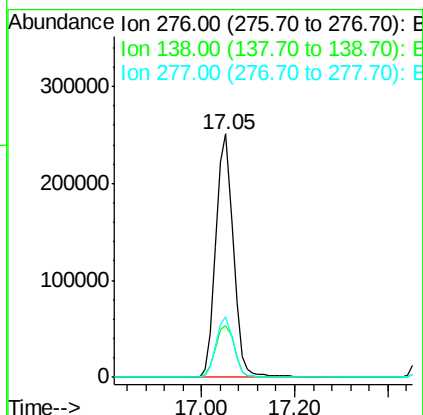
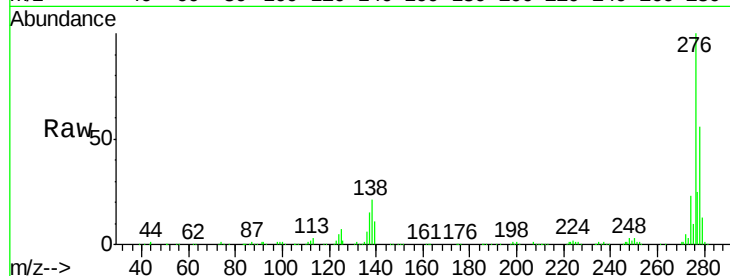




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.78 ng
 RT: 17.05 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

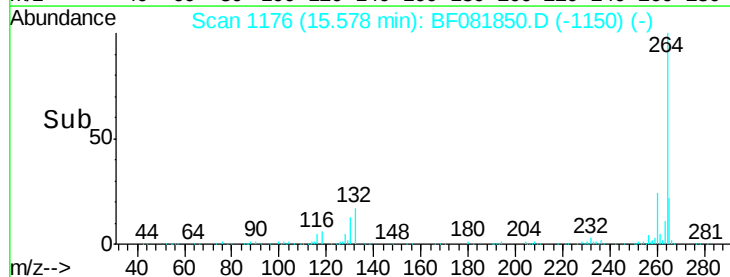
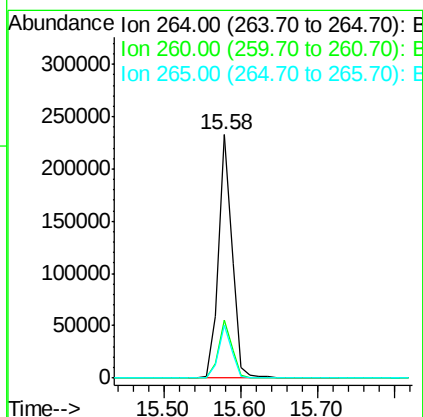
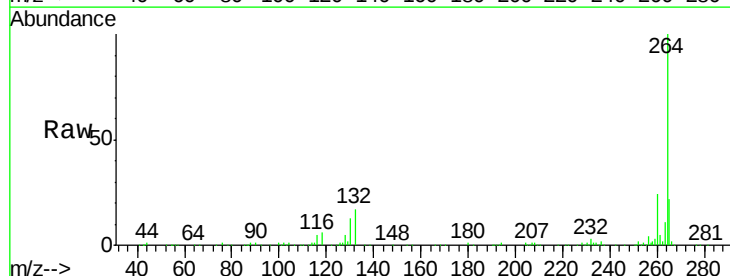
Instrument :
 BNA_F
 ClientSampleId :
 PB85617BS

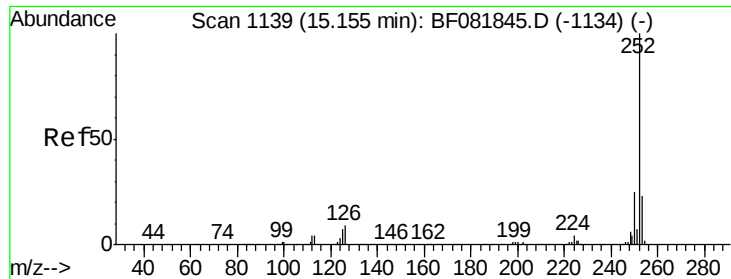
Tgt Ion: 276 Resp: 654364
 Ion Ratio Lower Upper
 276 100
 138 23.5 25.7 38.5#
 277 24.9 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081850.D
 Acq: 28 Sep 2015 18:42

Tgt Ion: 264 Resp: 289293
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 47.28 ng

RT: 15.16 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

ClientSampleId :

PB85617BS

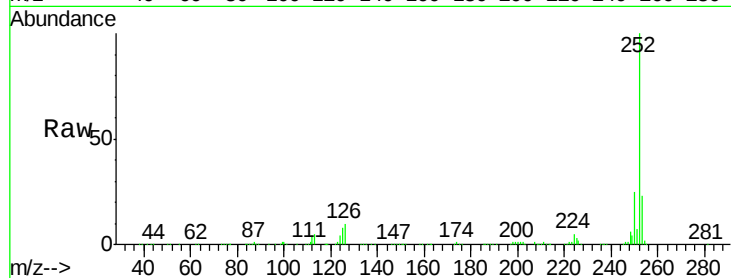
Tgt Ion:252 Resp: 780969

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

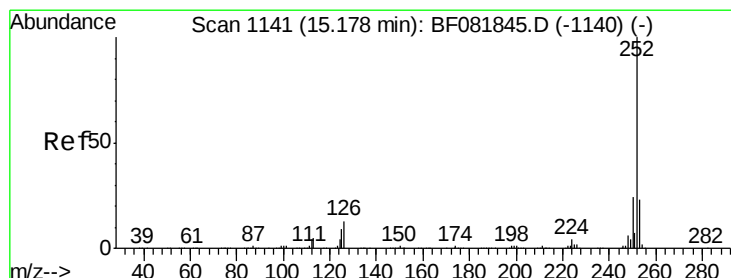
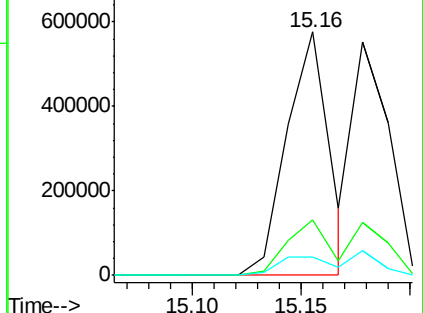
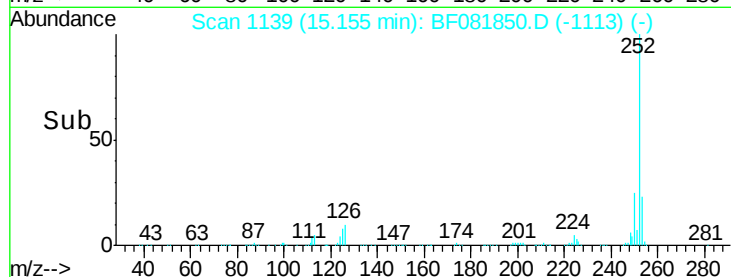
125 7.6 17.1 25.7#



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: 51.59 ng

RT: 15.16 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

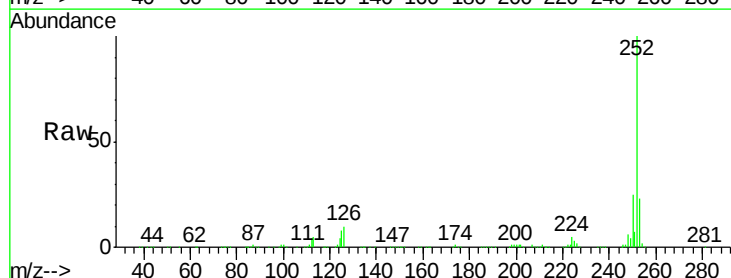
Tgt Ion:252 Resp: 780969

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.4

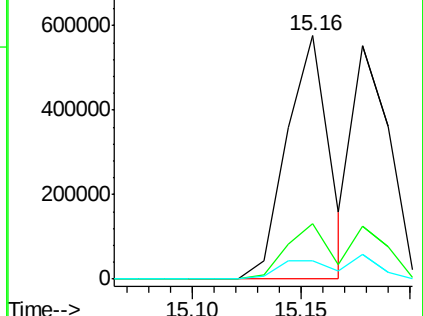
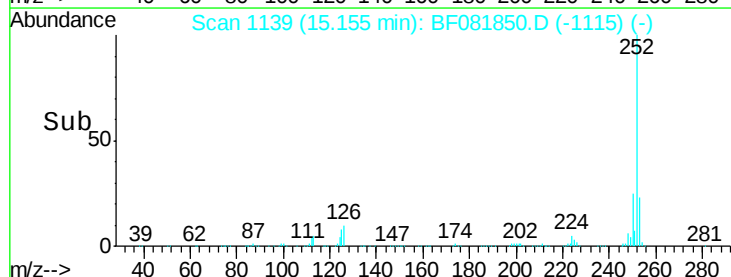
125 7.6 16.0 24.0#

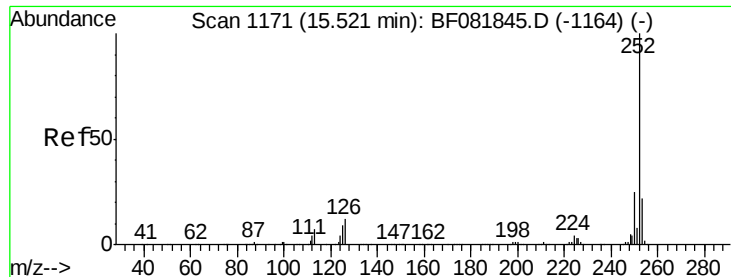


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.85 ng

RT: 15.52 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

Instrument :

BNA_F

ClientSampleId :

PB85617BS

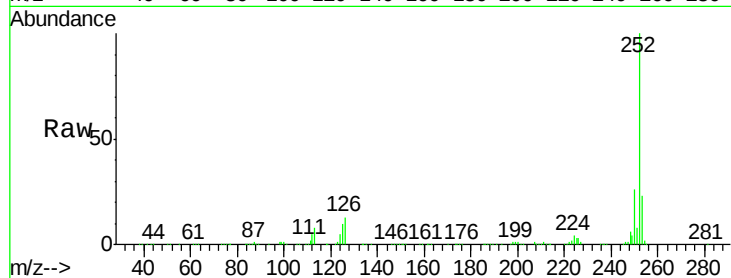
Tgt Ion:252 Resp: 671204

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

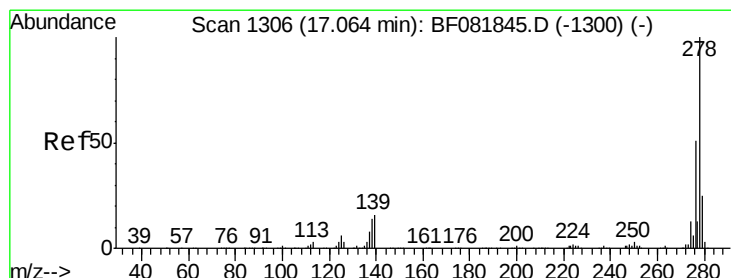
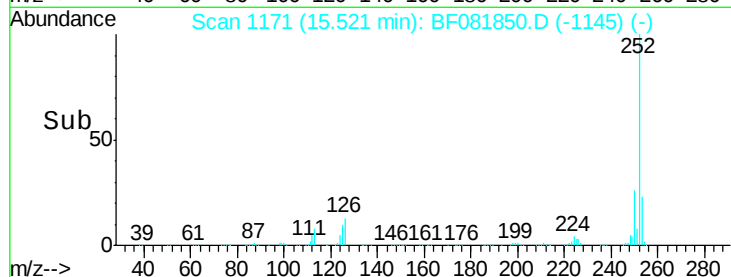
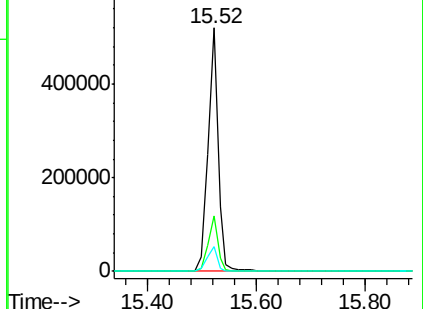
125 10.1 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.57 ng

RT: 17.06 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF081850.D

Acq: 28 Sep 2015 18:42

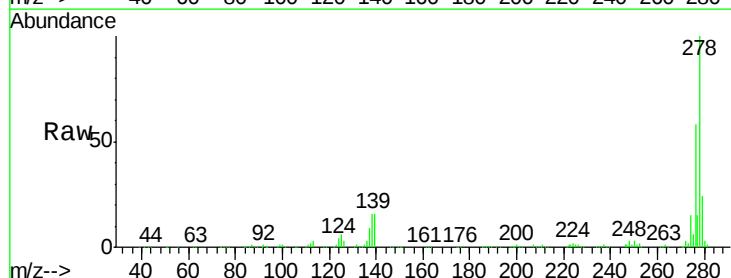
Tgt Ion:278 Resp: 535721

Ion Ratio Lower Upper

278 100

139 15.9 26.3 39.5#

279 24.3 18.2 27.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

