

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092885.D
 Acq On : 10 Feb 2017 16:18
 Operator : SJ/MA
 Sample : PB96853BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

Quant Time: Feb 10 23:03:10 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	179561	20.00	ng	-0.07
21) Naphthalene-d8	8.19	136	730628	20.00	ng	-0.07
38) Acenaphthene-d10	9.94	164	390519	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	654017	20.00	ng	-0.07
75) Chrysene-d12	14.07	240	565606	20.00	ng	-0.08
86) Perylene-d12	15.51	264	453212	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1070821	102.31	ng	-0.07
7) Phenol-d6	6.54	99	1525356	113.27	ng	-0.06
23) Nitrobenzene-d5	7.47	82	982713	74.90	ng	-0.07
41) 2,4,6-Tribromophenol	10.74	330	337155	119.37	ng	-0.07
44) 2-Fluorobiphenyl	9.26	172	1660949	77.05	ng	-0.07
78) Terphenyl-d14	13.01	244	1541299	64.03	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	161289	28.52	ng	# 83
3) Pyridine	3.31	79	489460	34.04	ng	86
4) n-Nitrosodimethylamine	3.28	42	242473	35.91	ng	90
6) Aniline	6.56	93	350122	19.06	ng	# 79
8) 2-Chlorophenol	6.68	128	418055	36.21	ng	95
9) Benzaldehyde	6.44	77	144429	14.97	ng	98
10) Phenol	6.56	94	581142	36.88	ng	81
11) bis(2-Chloroethyl)ether	6.64	93	452731	36.00	ng	98
12) 1,3-Dichlorobenzene	7.07	146	478769	35.40	ng	96
13) 1,4-Dichlorobenzene	6.91	146	472952	34.55	ng	98
14) 1,2-Dichlorobenzene	7.07	146	479447	36.63	ng	95
15) Benzyl Alcohol	7.05	79	385966	38.71	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	784585	35.91	ng	95
17) 2-Methylphenol	7.16	107	370162	37.37	ng	96
18) Hexachloroethane	7.41	117	169365	36.25	ng	94
19) n-Nitroso-di-n-propylamine	7.31	70	310008	36.16	ng	95
20) 3+4-Methylphenols	7.32	107	449658	37.97	ng	# 84
22) Acetophenone	7.31	105	556013	33.33	ng	# 94
24) Nitrobenzene	7.48	77	430769	31.97	ng	99
25) Isophorone	7.72	82	856620	35.04	ng	96
26) 2-Nitrophenol	7.80	139	238188	37.19	ng	98
27) 2,4-Dimethylphenol	7.85	122	439306	39.06	ng	94
28) bis(2-Chloroethoxy)methane	7.94	93	582182	35.95	ng	99
29) 2,4-Dichlorophenol	8.04	162	375044	35.75	ng	87
30) 1,2,4-Trichlorobenzene	8.12	180	391882	34.67	ng	# 93
31) Naphthalene	8.21	128	1228839	33.18	ng	98
32) Benzoic acid	7.97	122	241461	39.40	ng	96
33) 4-Chloroaniline	8.26	127	188214	12.96	ng	97
34) Hexachlorobutadiene	8.33	225	218149	35.08	ng	98
35) Caprolactam	8.62	113	91103	27.61	ng	# 39
36) 4-Chloro-3-methylphenol	8.75	107	410944	37.58	ng	96
37) 2-Methylnaphthalene	8.90	142	837611	35.22	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	376885	34.38	ng	99
40) Hexachlorocyclopentadiene	9.05	237	325938	65.90	ng	95

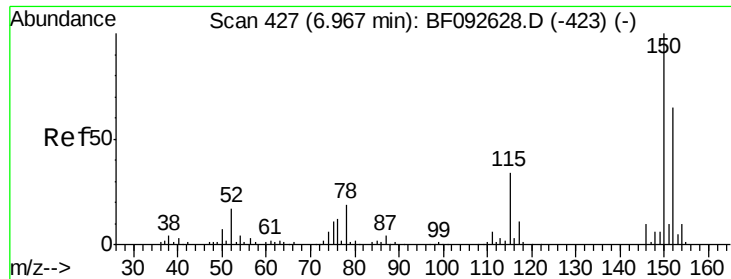
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	271676	37.72	ng	95
43) 2,4,5-Trichlorophenol	9.22	196	277236	35.13	ng	94
45) 1,1'-Biphenyl	9.37	154	1033152	36.54	ng	99
46) 2-Chloronaphthalene	9.39	162	825914	37.34	ng	98
47) 2-Nitroaniline	9.48	65	249218	33.51	ng	96
48) Acenaphthylene	9.80	152	1199003	31.38	ng	99
49) Dimethylphthalate	9.66	163	922340	35.06	ng	99
50) 2,6-Dinitrotoluene	9.73	165	233968	41.19	ng	88
51) Acenaphthene	9.97	154	796722	34.87	ng	96
52) 3-Nitroaniline	9.89	138	116032	17.85	ng	95
53) 2,4-Dinitrophenol	10.01	184	173210	61.13	ng	# 73
54) Dibenzofuran	10.14	168	1040505	34.05	ng	97
55) 4-Nitrophenol	10.08	139	360489	76.99	ng	83
56) 2,4-Dinitrotoluene	10.13	165	265958	35.17	ng	96
57) Fluorene	10.49	166	789005	33.56	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	222871	42.33	ng	96
59) Diethylphthalate	10.36	149	878044	35.42	ng	100
60) 4-Chlorophenyl-phenylether	10.48	204	378326	33.50	ng	95
61) 4-Nitroaniline	10.51	138	212079	31.85	ng	94
62) Azobenzene	10.64	77	983212	38.39	ng	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	141823	36.31	ng	89
65) n-Nitrosodiphenylamine	10.60	169	735883	35.22	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	226666	33.17	ng	96
67) Hexachlorobenzene	11.04	284	235138	34.82	ng	# 92
68) Atrazine	11.13	200	217376	32.42	ng	99
69) Pentachlorophenol	11.23	266	247106	71.71	ng	98
70) Phenanthrene	11.45	178	1173152	31.31	ng	98
71) Anthracene	11.50	178	1388502	36.90	ng	98
72) Carbazole	11.65	167	1143300	31.79	ng	99
73) Di-n-butylphthalate	11.98	149	1400935	36.01	ng	# 97
74) Fluoranthene	12.64	202	1244917	32.21	ng	97
76) Benzidine	12.76	184	373328	15.49	ng	96
77) Pyrene	12.86	202	1239481	29.28	ng	100
79) Butylbenzylphthalate	13.48	149	618877	36.00	ng	89
80) Benzo(a)anthracene	14.05	228	1033250	29.87	ng	100
81) 3,3'-Dichlorobenzidine	14.02	252	314442	25.50	ng	# 95
82) Chrysene	14.09	228	869483	26.84	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	856234	36.42	ng	# 96
84) Di-n-octyl phthalate	14.65	149	1366669	35.70	ng	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	919745	36.66	ng	95
87) Benzo(b)fluoranthene	15.09	252	1088263	36.48	ng	# 96
88) Benzo(k)fluoranthene	15.09	252	1088263	42.25	ng	97
89) Benzo(a)pyrene	15.45	252	935114	36.24	ng	98
90) Dibenzo(a,h)anthracene	16.96	278	773211	37.08	ng	97
91) Benzo(g,h,i)perylene	17.38	276	763400	36.24	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

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PB96853BS

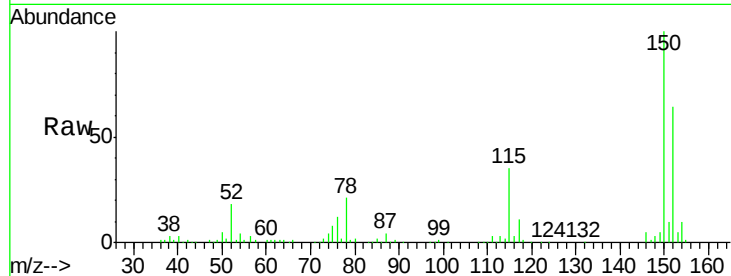
Tgt Ion:152 Resp: 179561

Ion Ratio Lower Upper

152 100

150 157.3 124.9 187.3

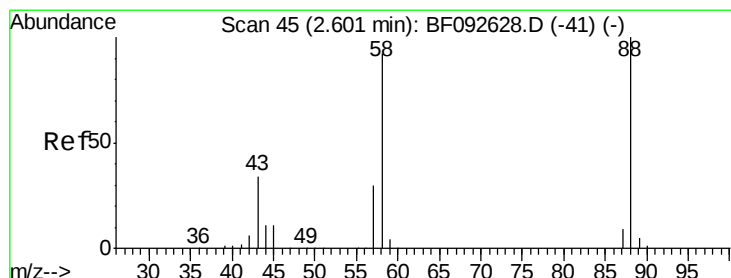
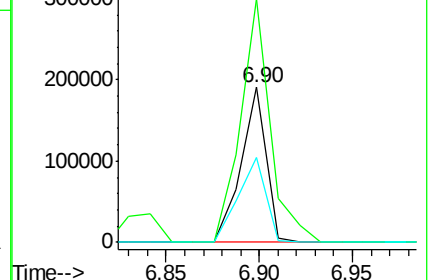
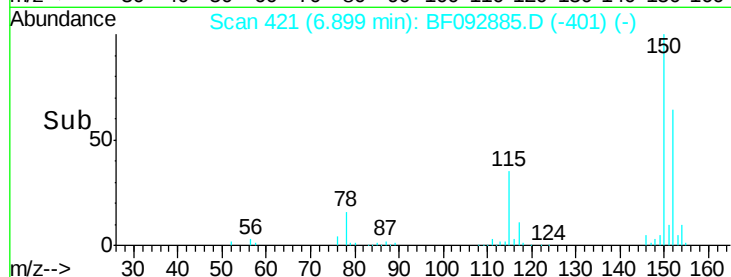
115 55.0 46.0 69.0



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: 28.52 ng

RT: 2.59 min Scan# 44

Delta R.T. -0.01 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

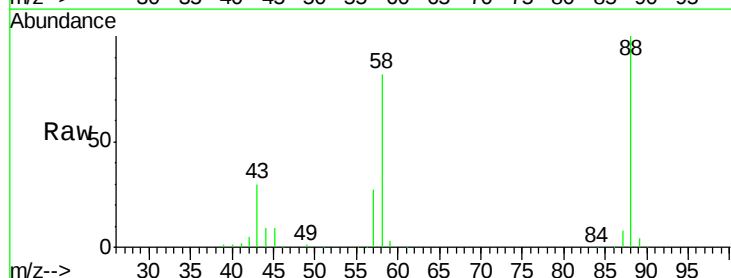
Tgt Ion: 88 Resp: 161289

Ion Ratio Lower Upper

88 100

58 88.2 57.8 86.8#

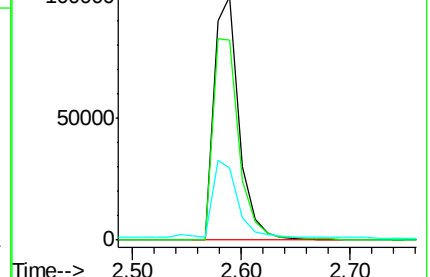
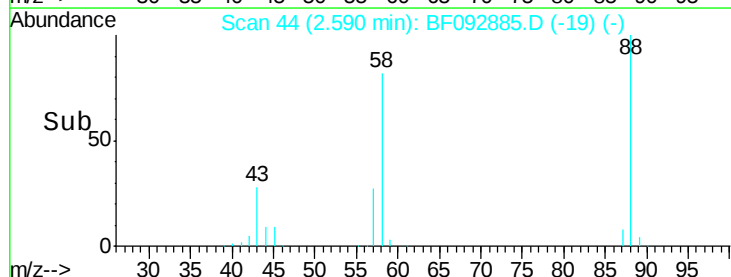
43 33.5 22.3 33.5#

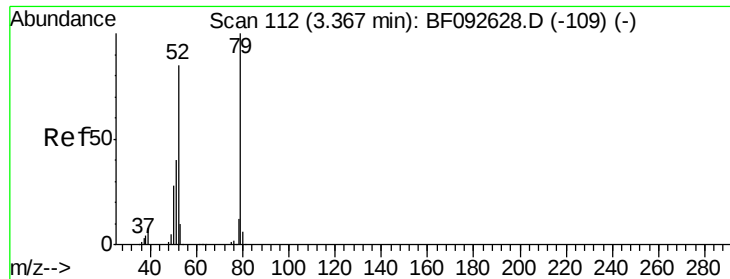


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.04 ng

RT: 3.31 min Scan# 107

Delta R.T. -0.06 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

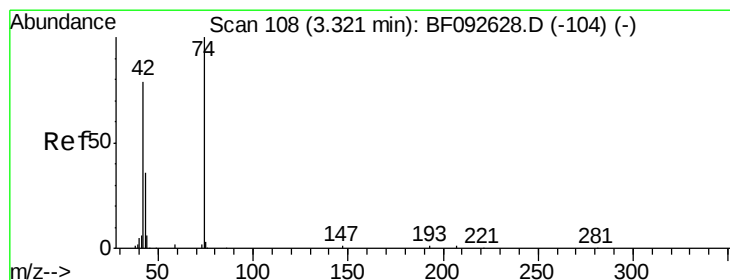
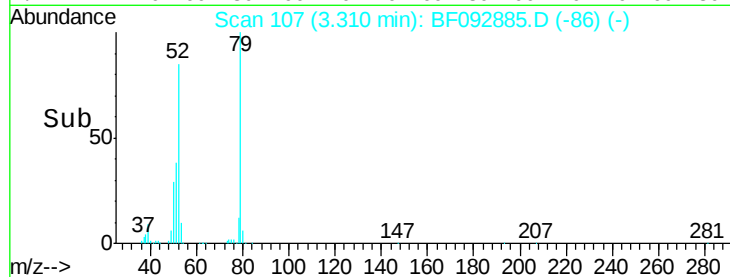
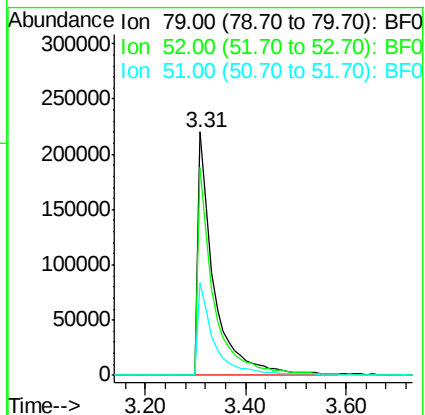
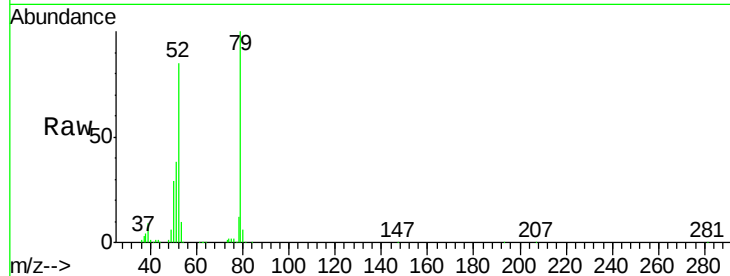
Tgt Ion: 79 Resp: 489460

Ion Ratio Lower Upper

79 100

52 85.3 57.1 85.7

51 38.2 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 35.91 ng

RT: 3.28 min Scan# 104

Delta R.T. -0.05 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

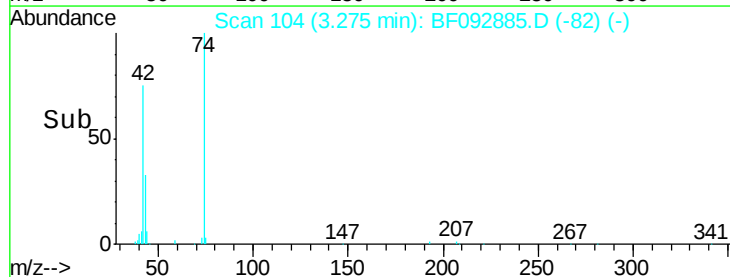
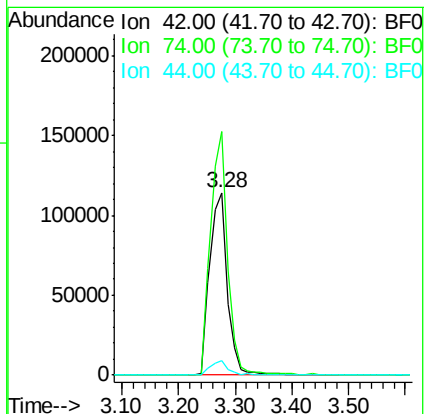
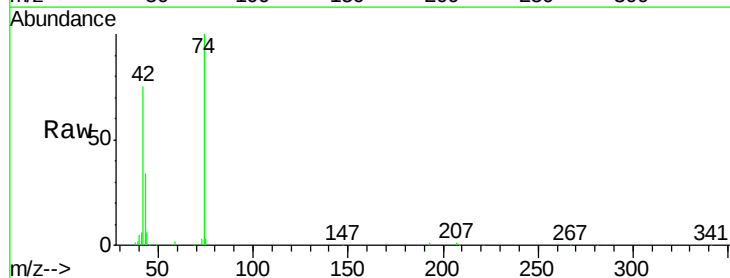
Tgt Ion: 42 Resp: 242473

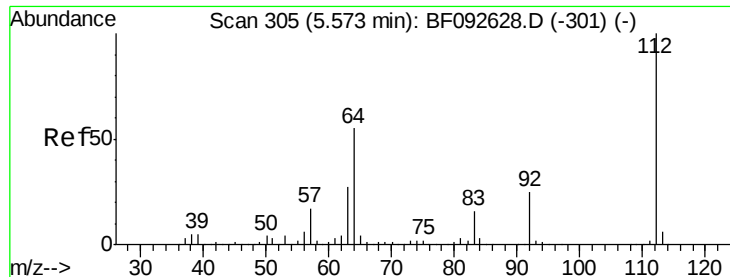
Ion Ratio Lower Upper

42 100

74 133.3 117.0 175.4

44 8.0 5.5 8.3





#5

2-Fluorophenol

Concen: 102.31 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

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ClientSampleId :

PB96853BS

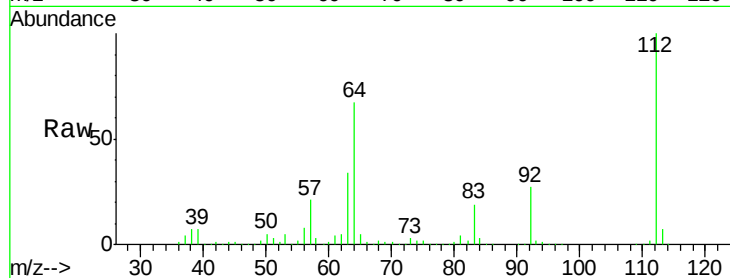
Tgt Ion: 112 Resp: 1070821

Ion Ratio Lower Upper

112 100

64 67.0 46.1 69.1

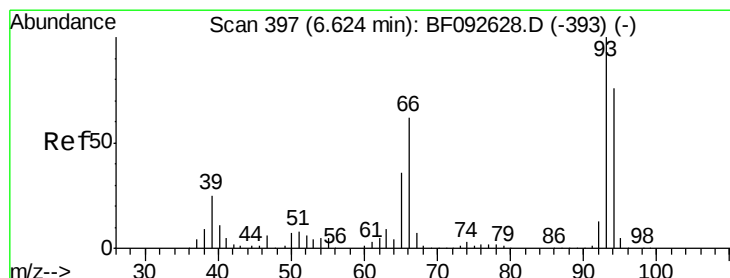
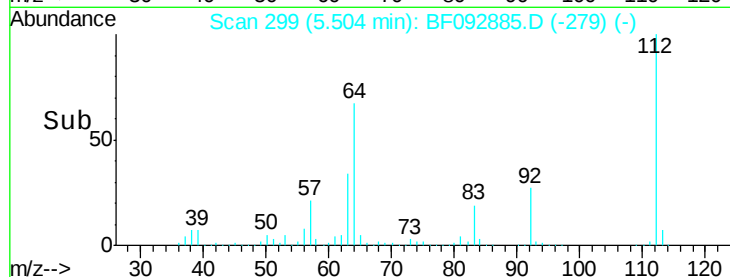
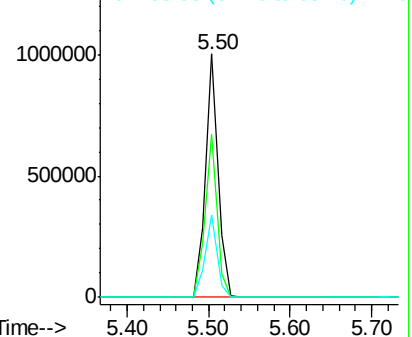
63 34.0 23.8 35.6



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: 19.06 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

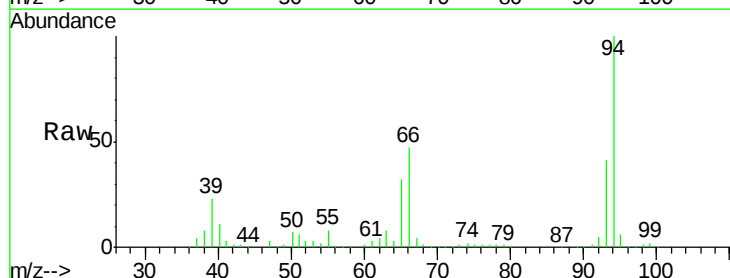
Tgt Ion: 93 Resp: 350122

Ion Ratio Lower Upper

93 100

66 116.2 76.2 114.2#

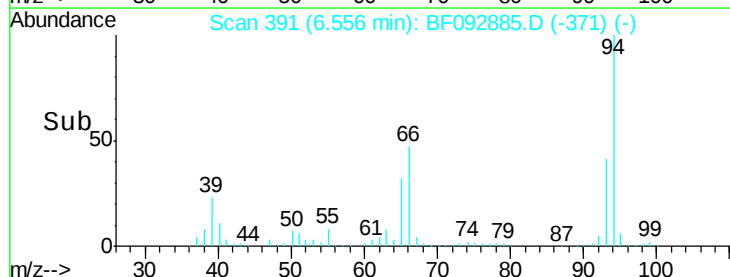
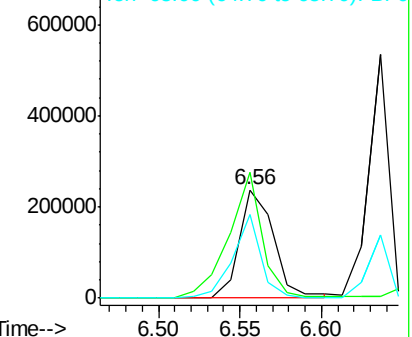
65 77.8 49.3 73.9#

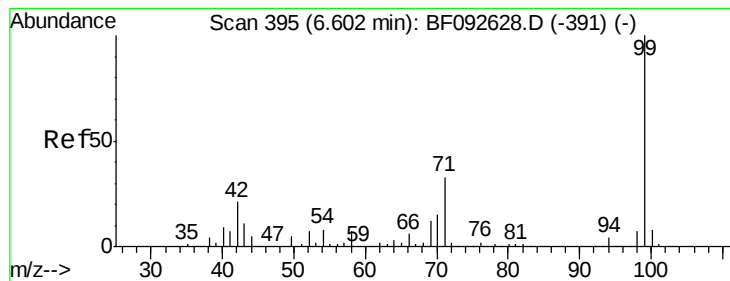


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.27 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.06 min

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Acq: 10 Feb 2017 16:18

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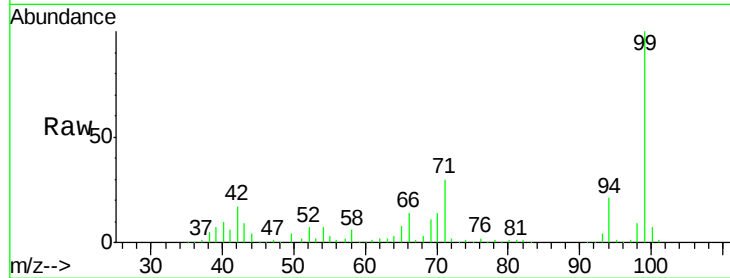
Tgt Ion: 99 Resp: 1525356

Ion Ratio Lower Upper

99 100

42 17.5 15.6 23.4

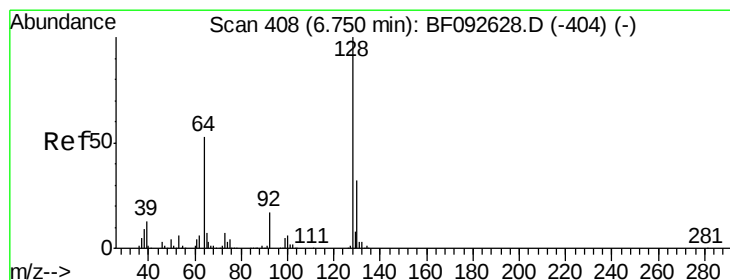
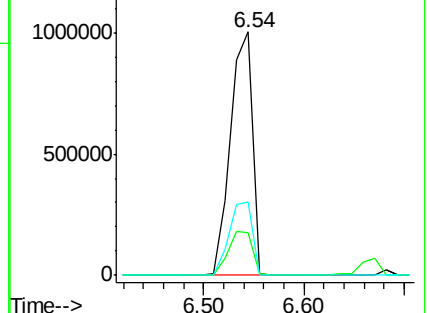
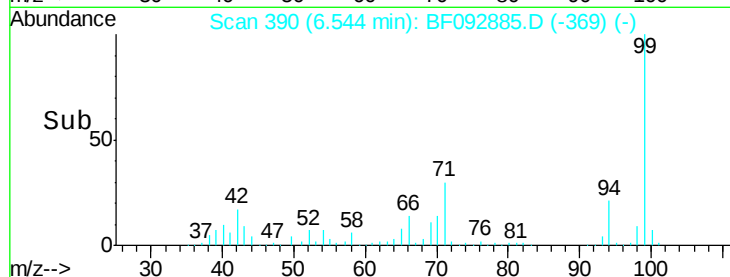
71 30.4 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.21 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.07 min

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Acq: 10 Feb 2017 16:18

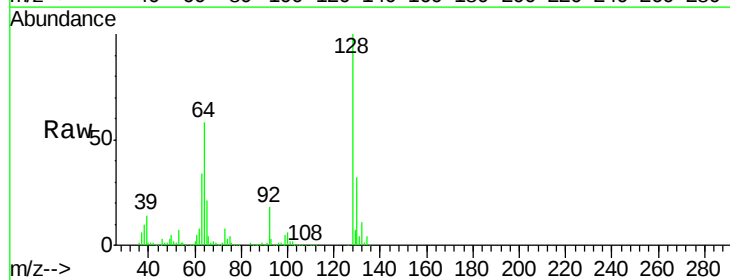
Tgt Ion: 128 Resp: 418055

Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

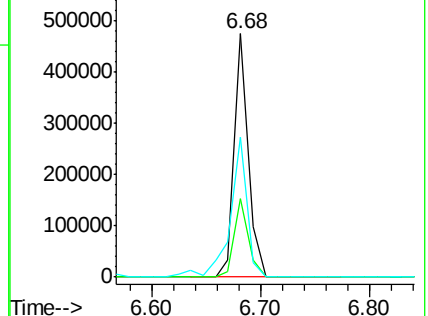
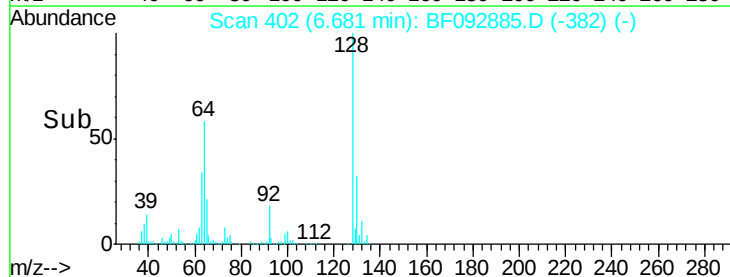
64 57.7 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.97 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.07 min

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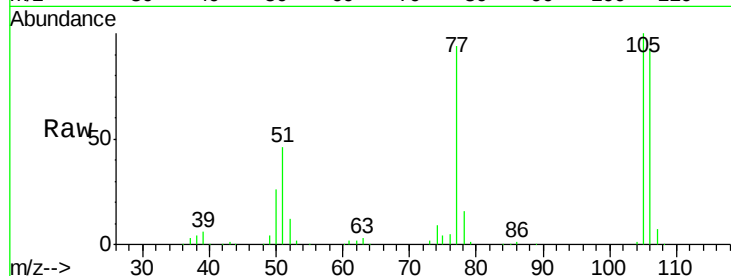
Tgt Ion: 77 Resp: 144429

Ion Ratio Lower Upper

77 100

105 106.1 83.9 123.9

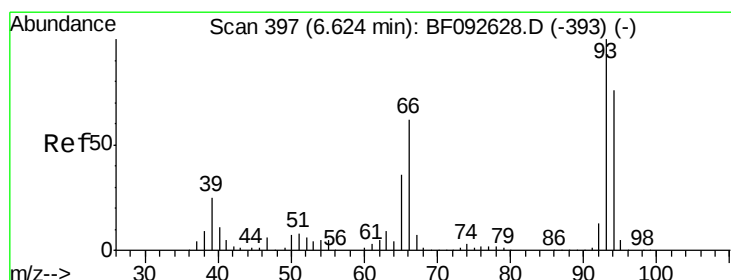
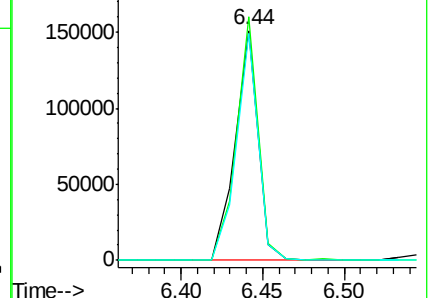
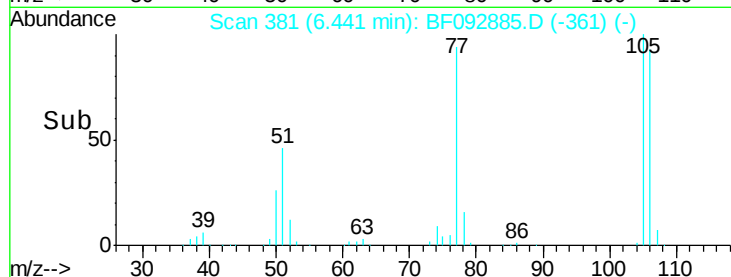
106 99.2 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.88 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

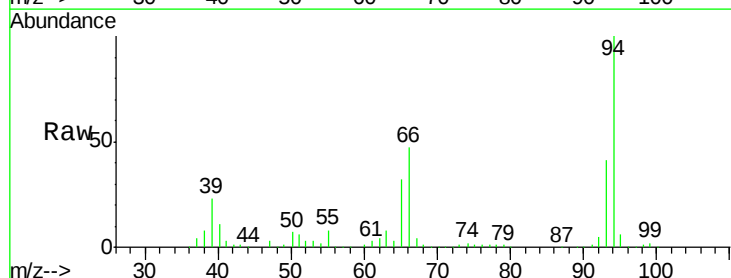
Tgt Ion: 94 Resp: 581142

Ion Ratio Lower Upper

94 100

65 31.7 21.4 61.4

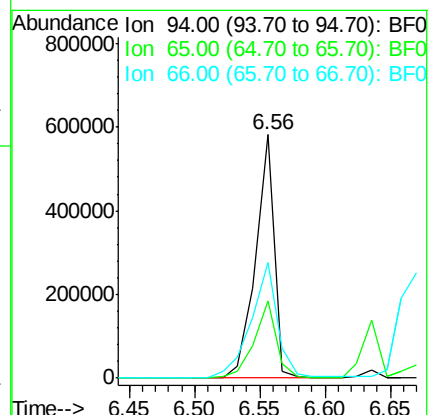
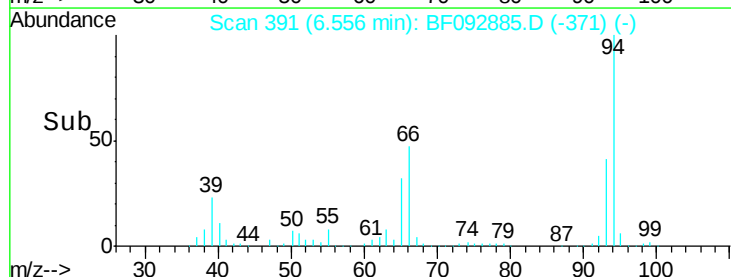
66 47.4 44.0 84.0



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

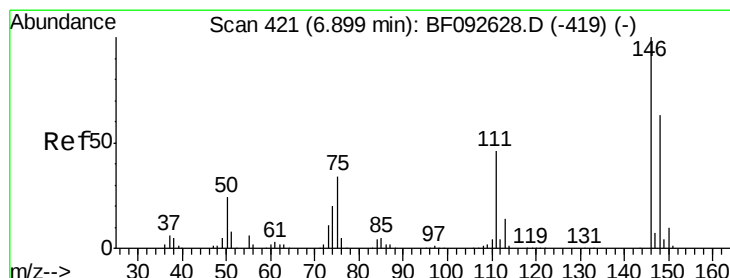
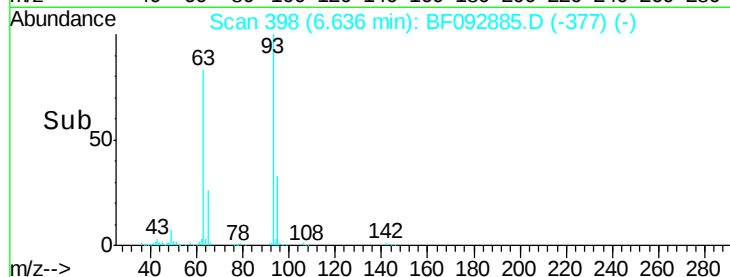
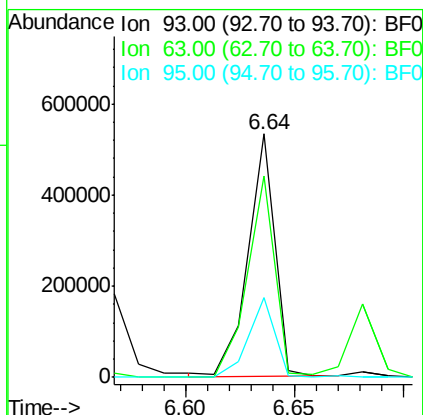
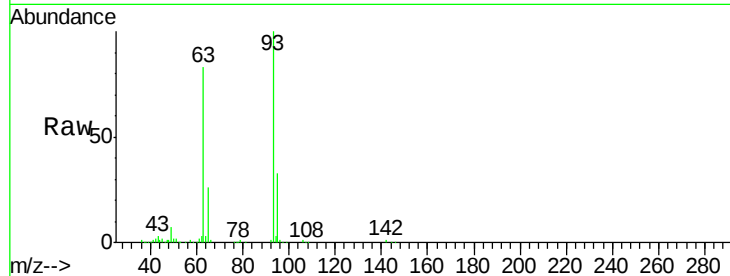




#11
bis(2-Chloroethyl)ether
Concen: 36.00 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.06 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

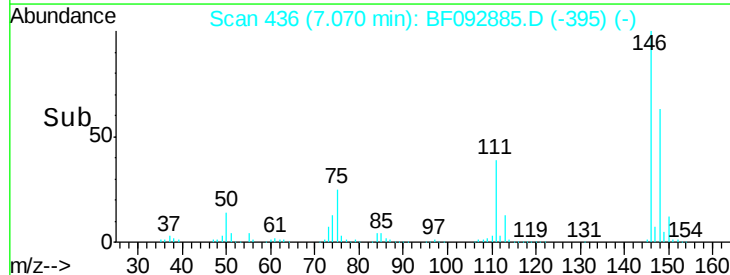
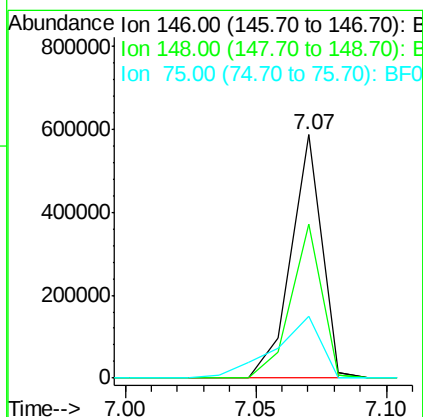
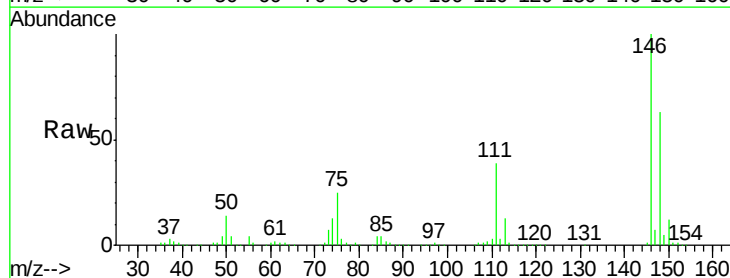
Instrument :
BNA_F
ClientSampleId :
PB96853BS

Tgt Ion: 93 Resp: 452731
Ion Ratio Lower Upper
93 100
63 82.7 60.4 100.4
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 35.40 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.17 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion: 146 Resp: 478769
Ion Ratio Lower Upper
146 100
148 63.2 53.4 80.0
75 25.3 18.5 27.7

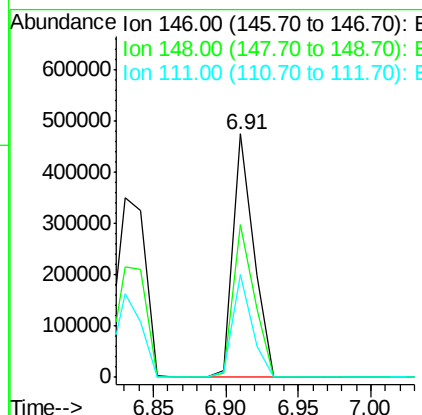
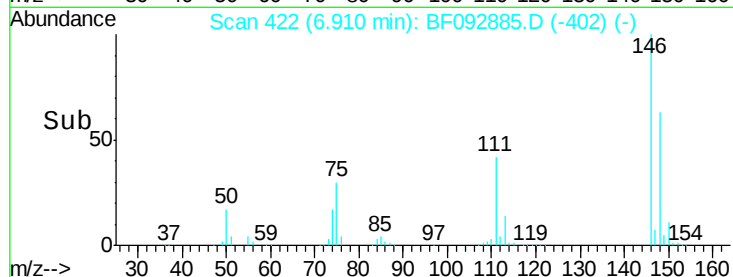
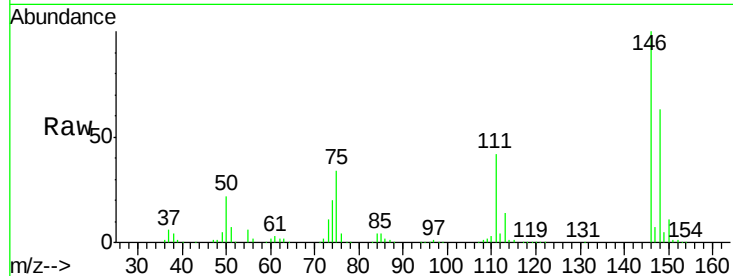




#13
 1,4-Dichlorobenzene
 Concen: 34.55 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.07 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

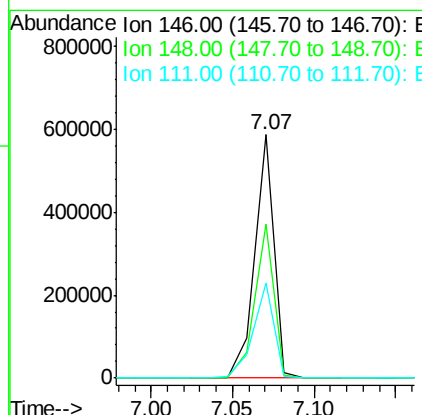
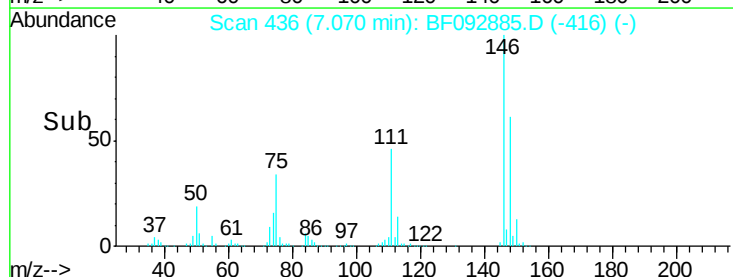
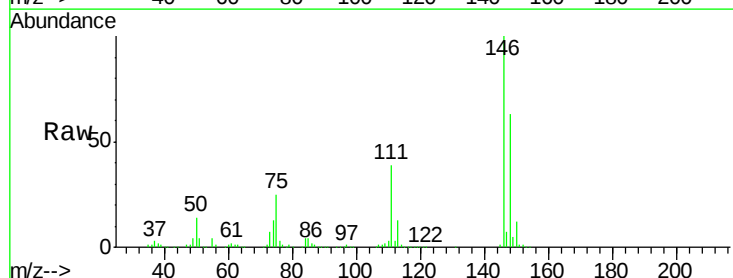
Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

Tgt Ion:146 Resp: 472952
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 76.0
 111 42.5 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 36.63 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.07 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion:146 Resp: 479447
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.2 78.2
 111 39.3 36.2 54.2





#15

Benzyl Alcohol

Concen: 38.71 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.06 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleID :

PB96853BS

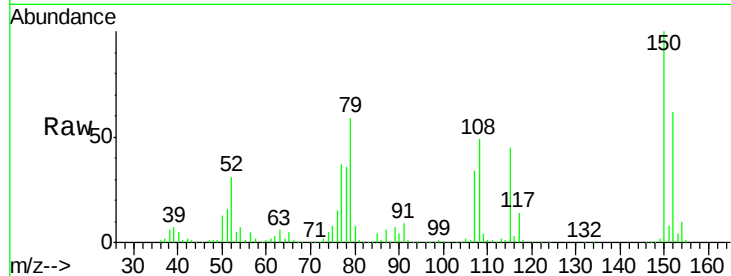
Tgt Ion: 79 Resp: 385966

Ion Ratio Lower Upper

79 100

108 82.1 61.4 92.0

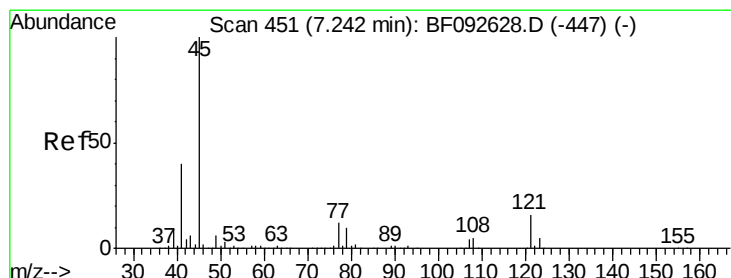
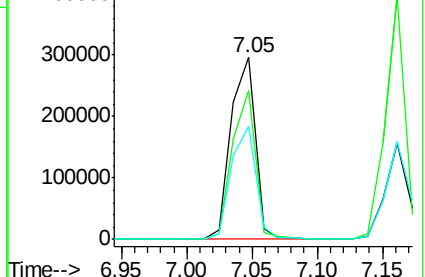
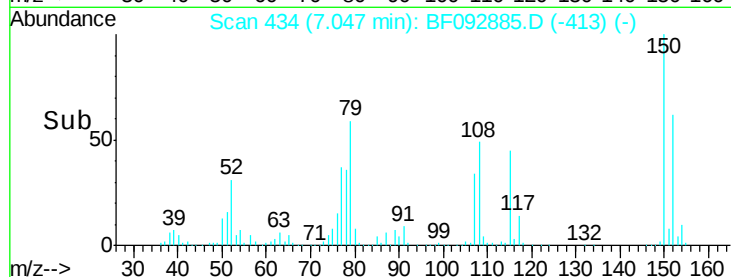
77 62.1 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.91 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.06 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

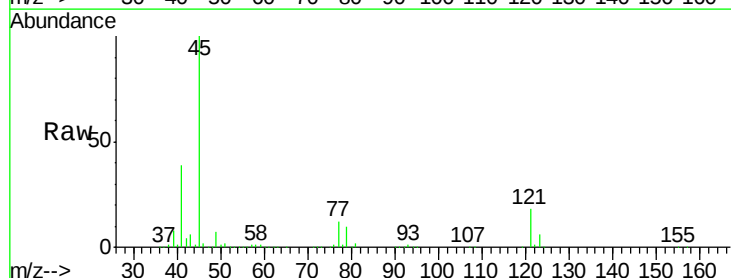
Tgt Ion: 45 Resp: 784585

Ion Ratio Lower Upper

45 100

77 12.0 0.0 34.6

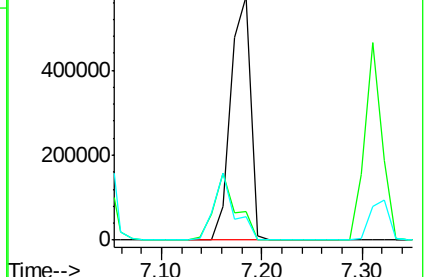
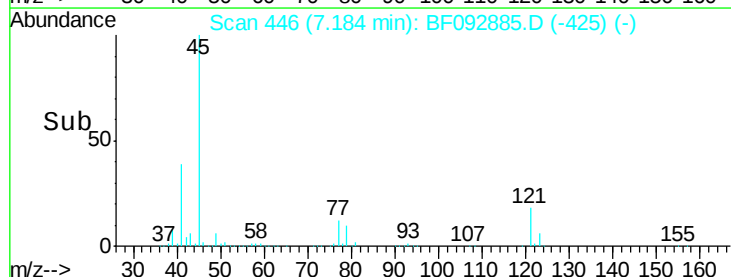
79 9.9 0.0 31.2

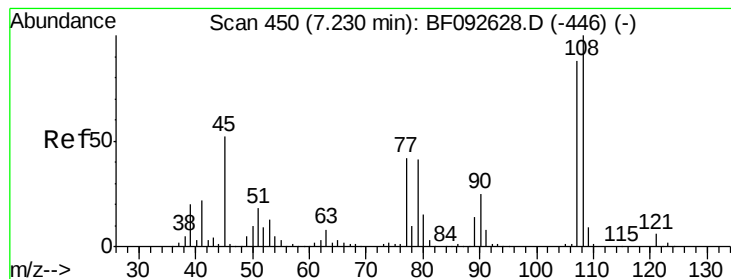


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.37 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

Tgt Ion:107 Resp: 370162

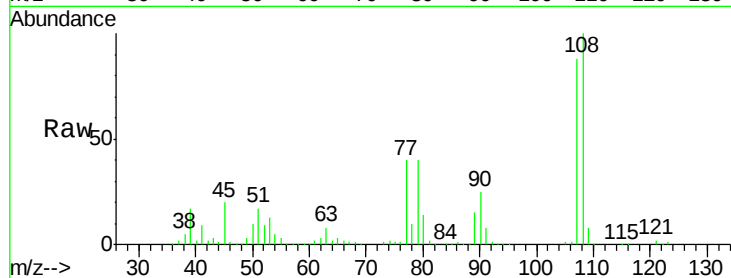
Ion Ratio Lower Upper

107 100

108 113.2 93.0 139.6

77 45.4 39.8 59.8

79 44.9 38.0 57.0

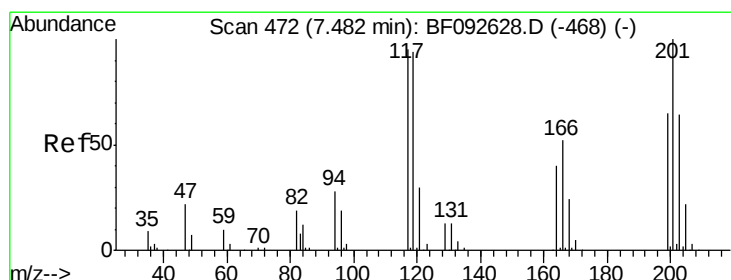
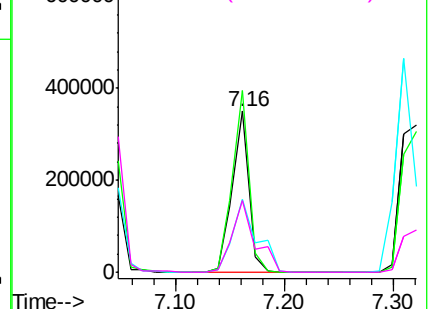
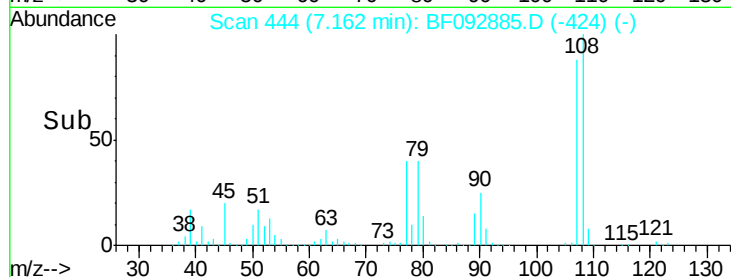


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.25 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

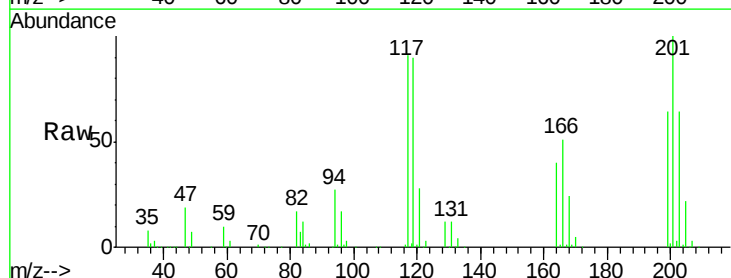
Tgt Ion:117 Resp: 169365

Ion Ratio Lower Upper

117 100

119 98.8 78.1 117.1

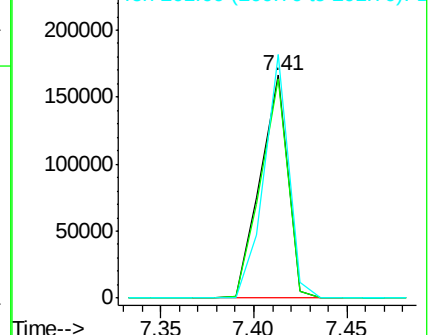
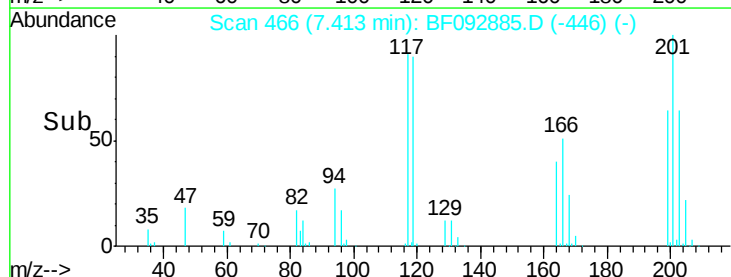
201 109.4 78.6 117.8

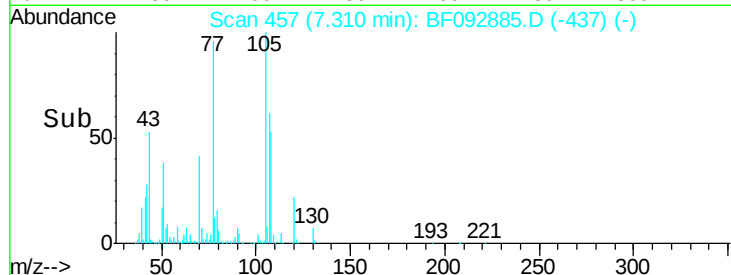
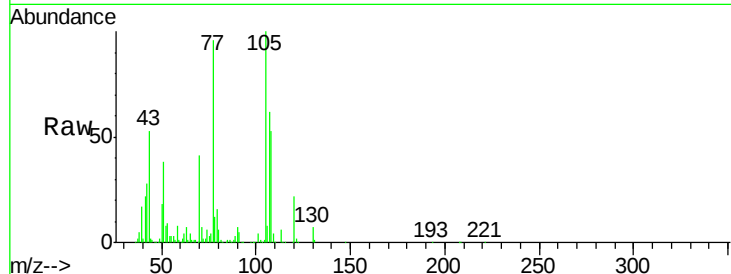


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

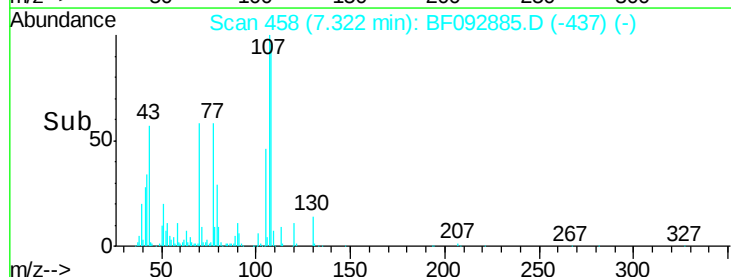
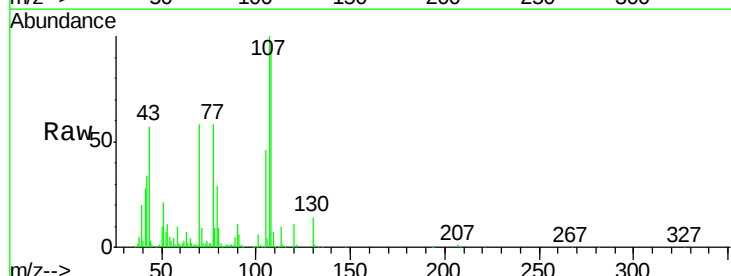
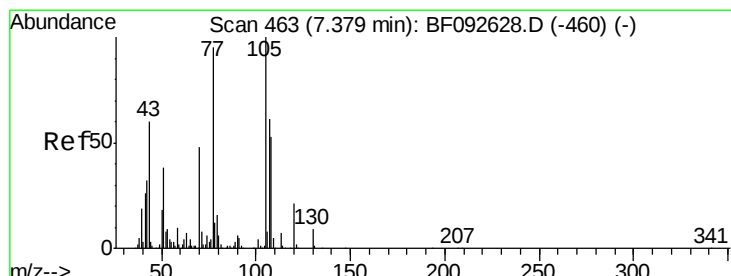
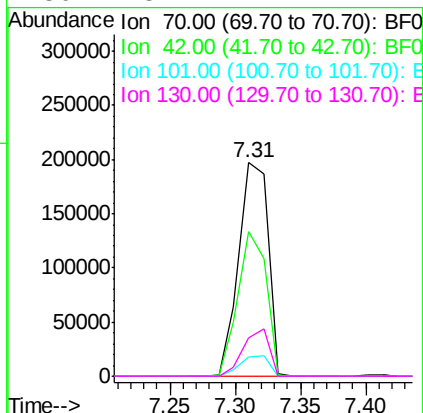




#19
n-Nitroso-di-n-propylamine
Concen: 36.16 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

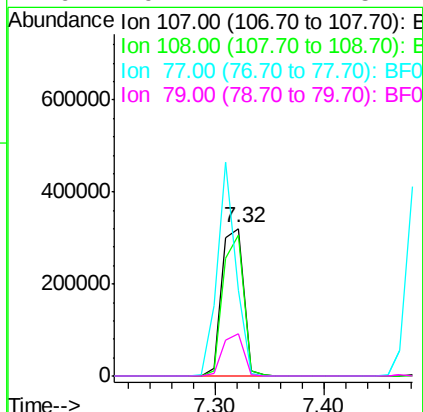
Instrument :
BNA_F
ClientSampleId :
PB96853BS

Tgt Ion:	70	Resp:	310008
Ion	Ratio	Lower	Upper
70	100		
42	67.4	49.4	74.0
101	8.9	7.4	11.2
130	18.1	14.2	21.4



#20
3+4-Methylphenols
Concen: 37.97 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion:	107	Resp:	449658
Ion	Ratio	Lower	Upper
107	100		
108	95.9	73.0	113.0
77	58.4	71.3	111.3#
79	29.1	11.1	51.1

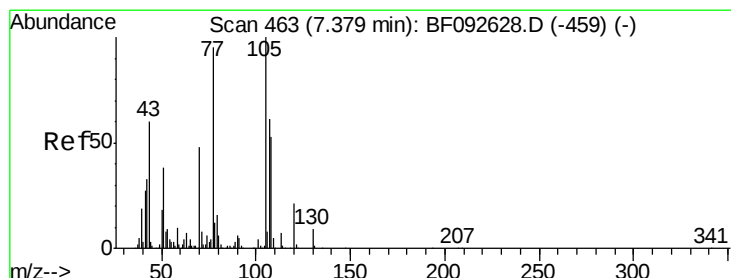
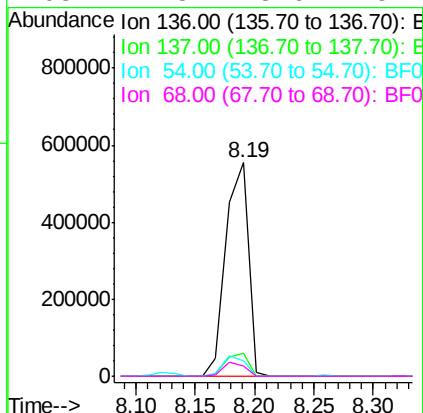
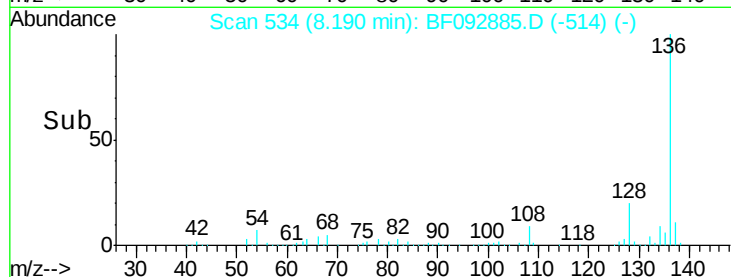
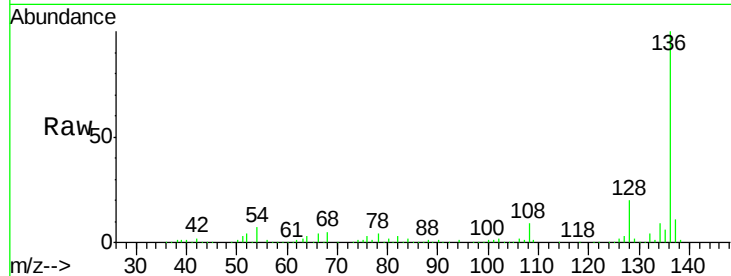




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

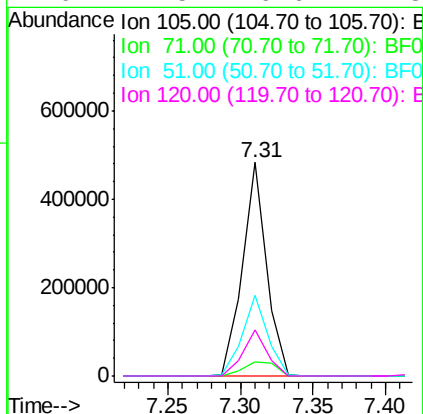
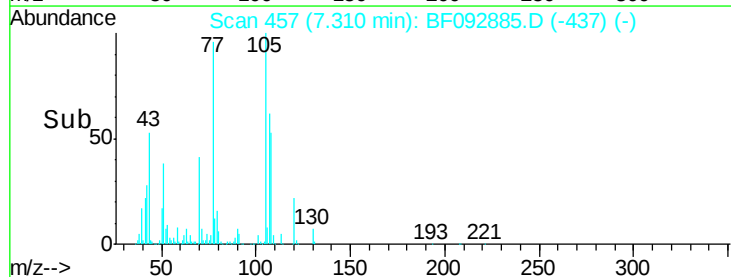
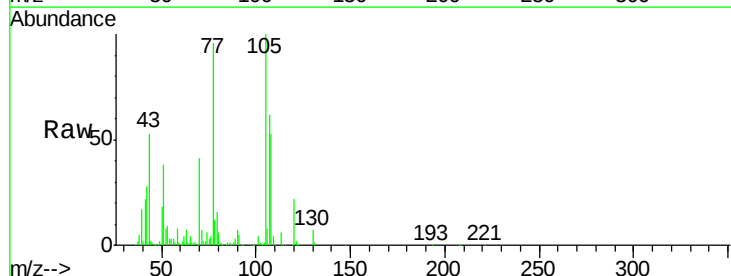
Instrument :
BNA_F
ClientSampleId :
PB96853BS

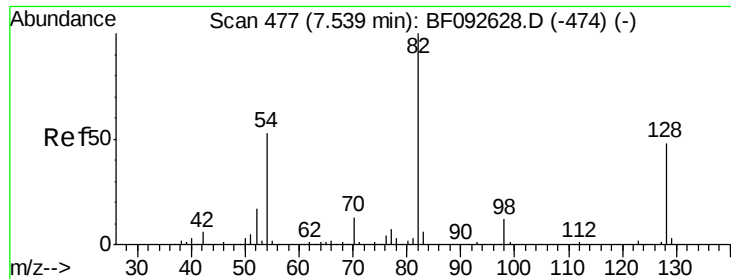
Tgt Ion:	136	Resp:	730628
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.4	12.6
54	7.2	4.5	6.7#
68	4.8	3.6	5.4



#22
Acetophenone
Concen: 33.33 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion:	105	Resp:	556013
Ion Ratio	Lower	Upper	
105	100		
71	6.8	3.2	4.8#
51	37.7	26.2	39.4
120	21.5	16.6	24.8

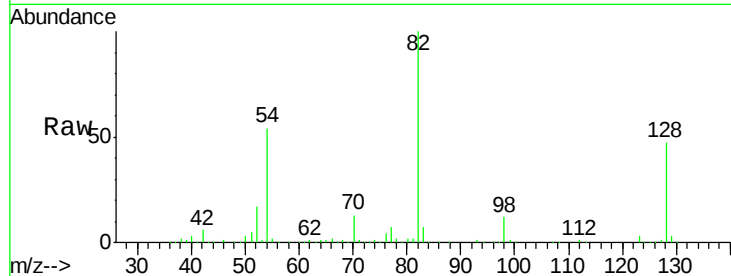




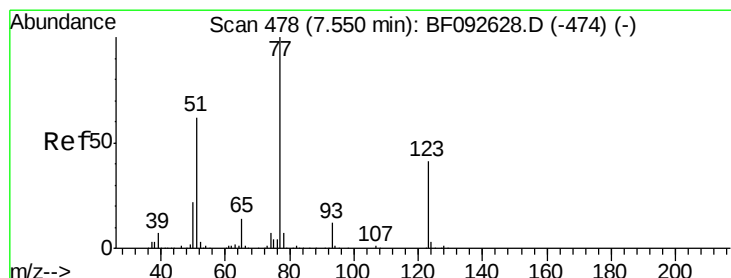
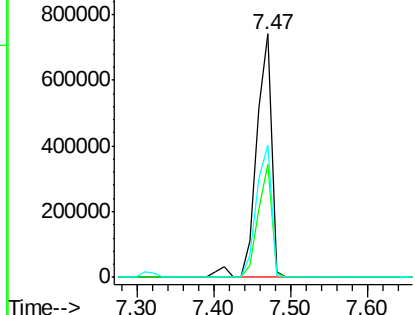
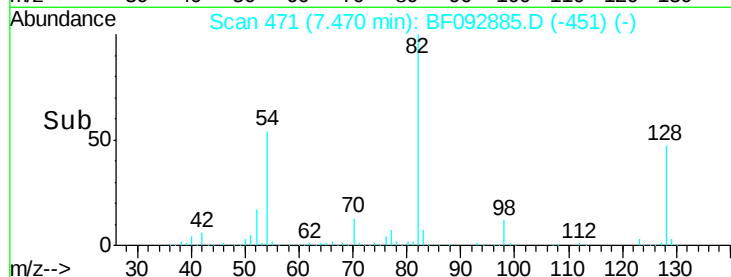
#23
 Nitrobenzene-d5
 Concen: 74.90 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.07 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

Tgt Ion: 82 Resp: 982713
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.6 52.0
 54 54.3 39.5 59.3

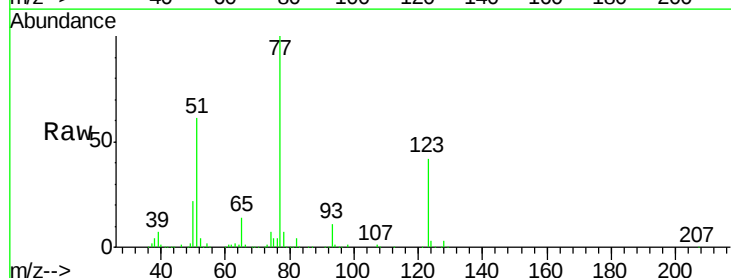


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

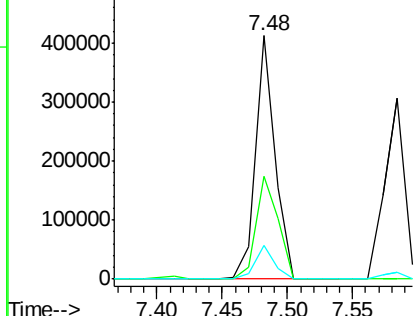
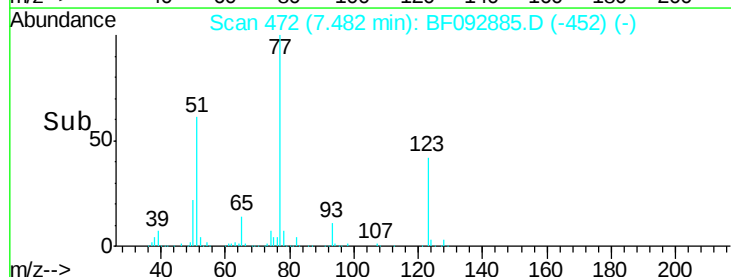


#24
 Nitrobenzene
 Concen: 31.97 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.07 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion: 77 Resp: 430769
 Ion Ratio Lower Upper
 77 100
 123 42.0 33.0 49.4
 65 13.8 11.2 16.8



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





#25

Isophorone

Concen: 35.04 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

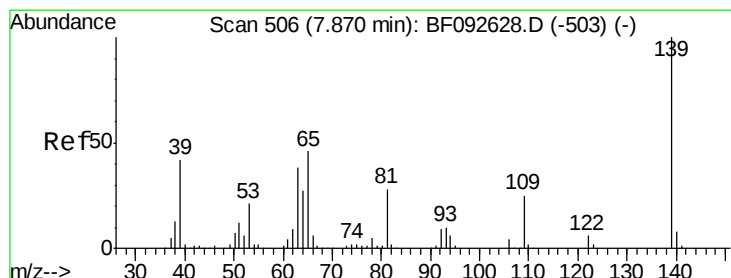
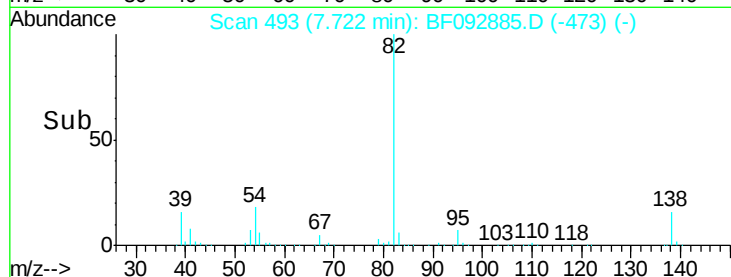
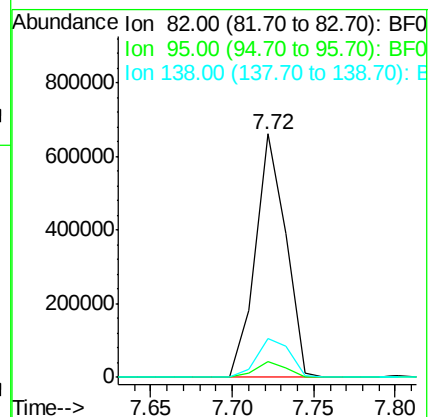
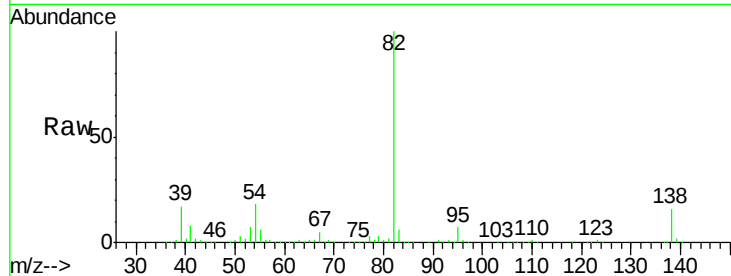
Tgt Ion: 82 Resp: 856620

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 15.9 14.6 22.0



#26

2-Nitrophenol

Concen: 37.19 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

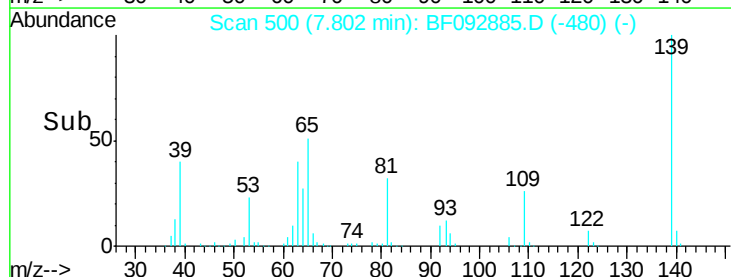
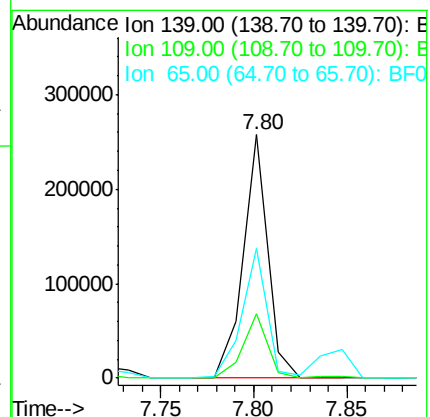
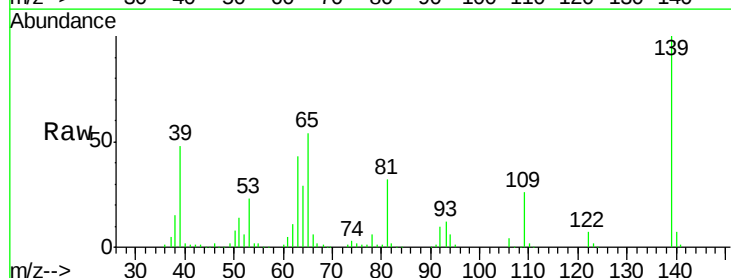
Tgt Ion: 139 Resp: 238188

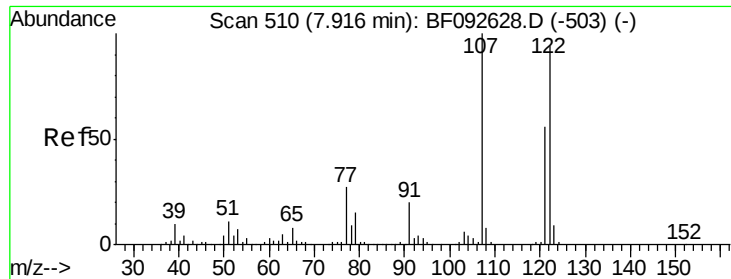
Ion Ratio Lower Upper

139 100

109 26.4 23.3 34.9

65 53.5 42.7 64.1

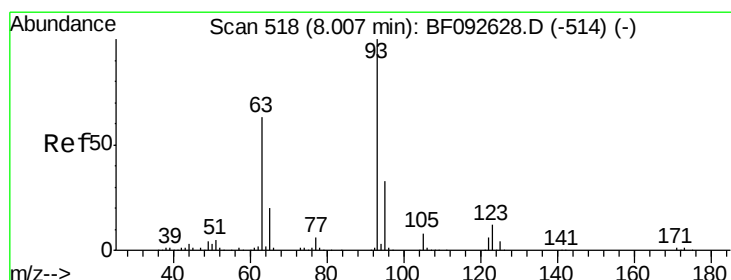
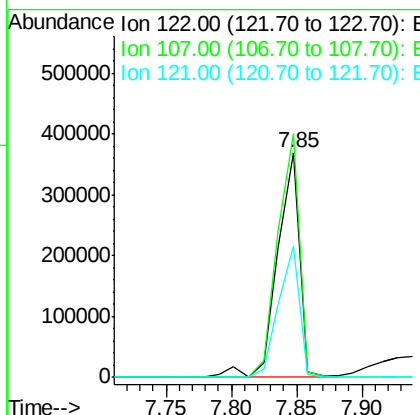
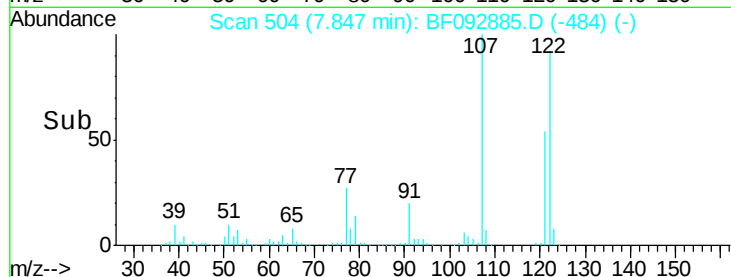
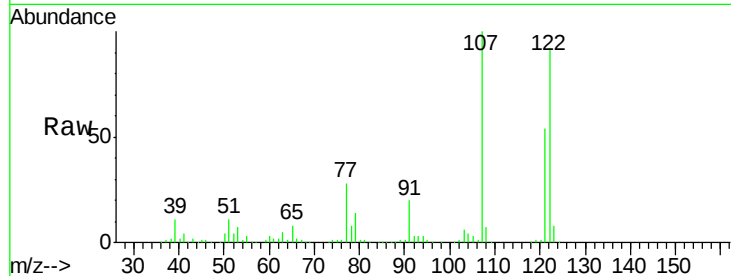




#27
 2,4-Dimethylphenol
 Concen: 39.06 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.07 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

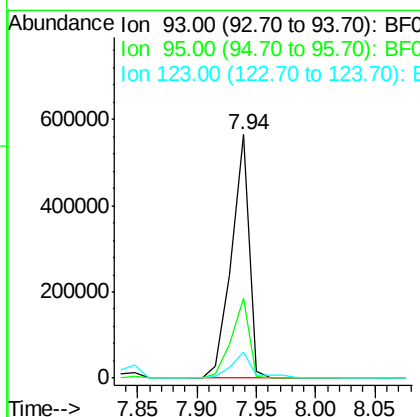
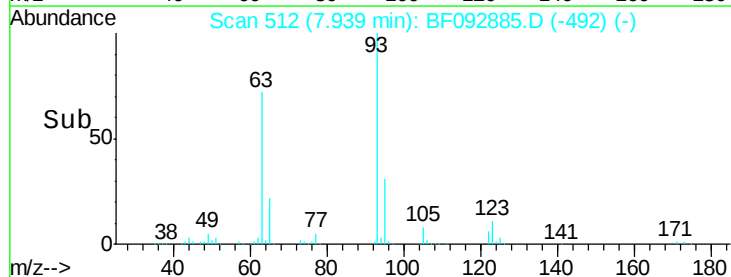
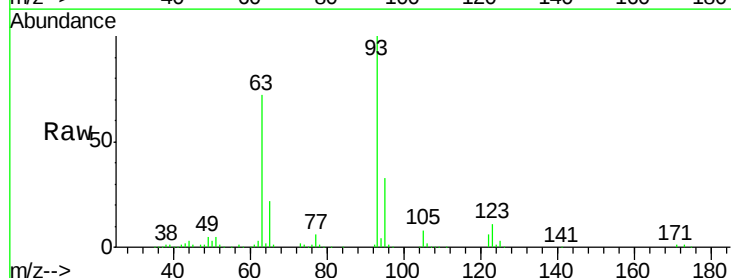
Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

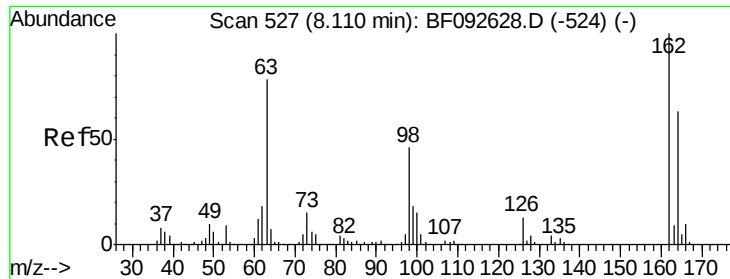
Tgt Ion:122 Resp: 439306
 Ion Ratio Lower Upper
 122 100
 107 108.5 94.1 141.1
 121 58.6 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.95 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.07 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion: 93 Resp: 582182
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 10.9 8.6 13.0

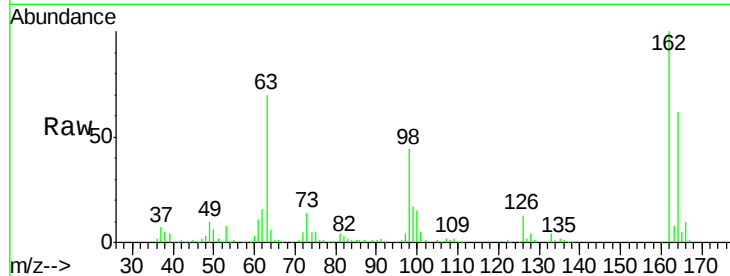




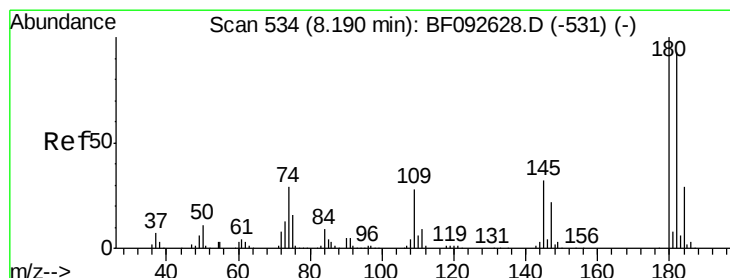
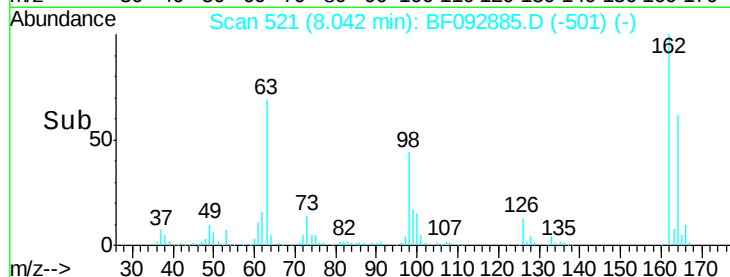
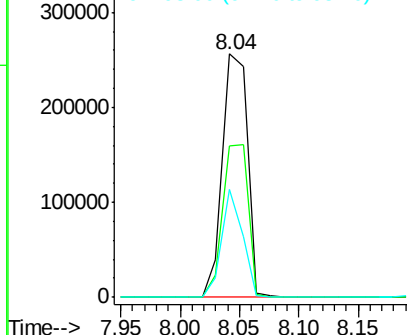
#29
 2,4-Dichlorophenol
 Concen: 35.75 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.07 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

Tgt Ion:162 Resp: 375044
 Ion Ratio Lower Upper
 162 100
 164 62.0 46.8 86.8
 98 44.1 9.1 49.1

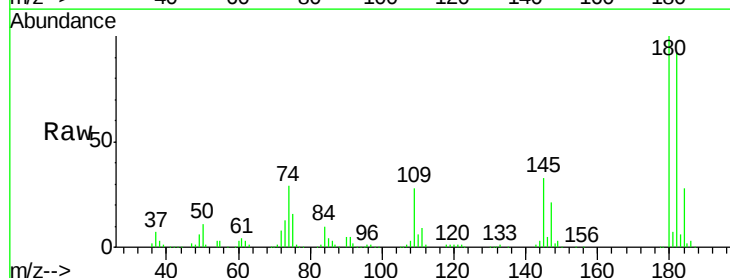


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

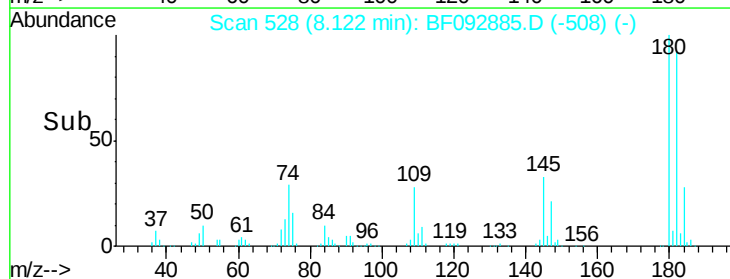
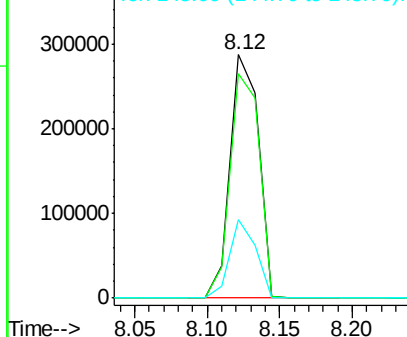


#30
 1,2,4-Trichlorobenzene
 Concen: 34.67 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.07 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion:180 Resp: 391882
 Ion Ratio Lower Upper
 180 100
 182 92.3 78.2 117.4
 145 32.5 21.6 32.4#



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: 33.18 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

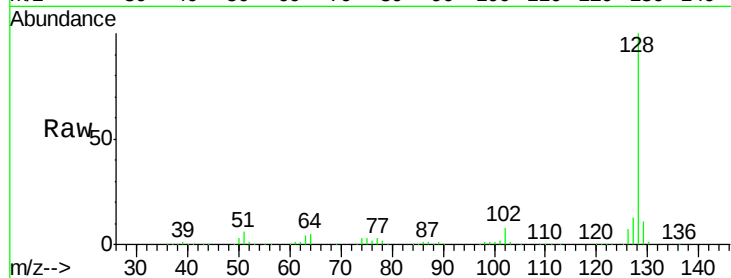
Tgt Ion:128 Resp: 1228839

Ion Ratio Lower Upper

128 100

129 10.6 9.5 14.3

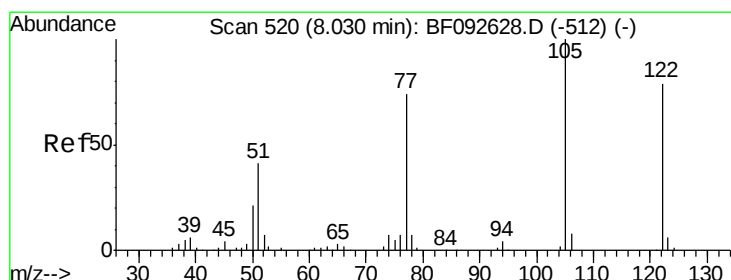
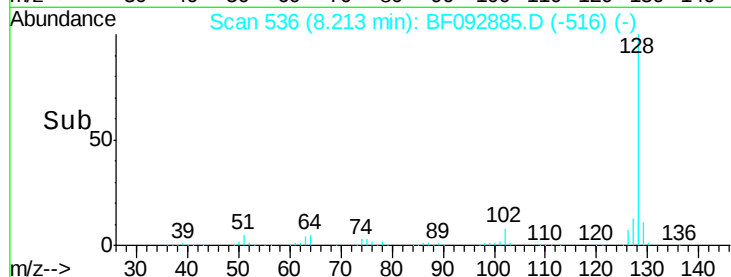
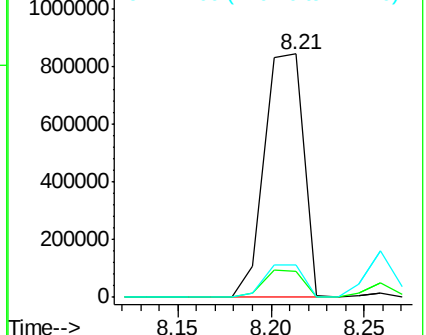
127 13.3 10.8 16.2



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: 39.40 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.06 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

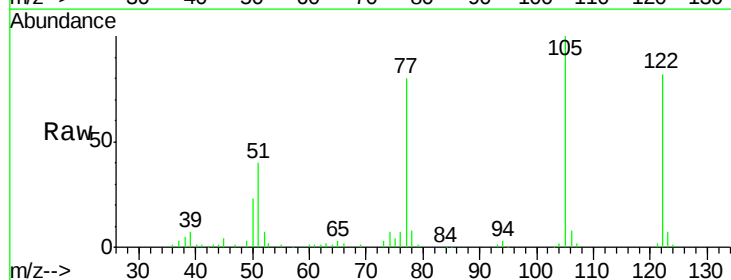
Tgt Ion:122 Resp: 241461

Ion Ratio Lower Upper

122 100

105 122.1 107.2 147.2

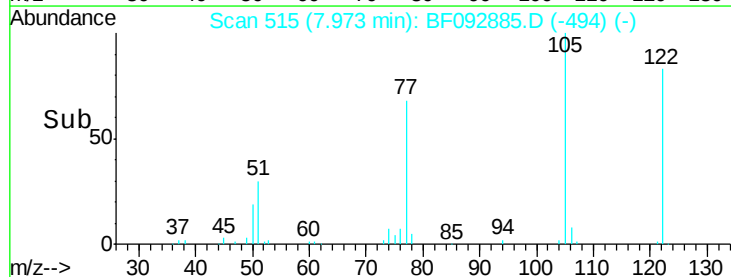
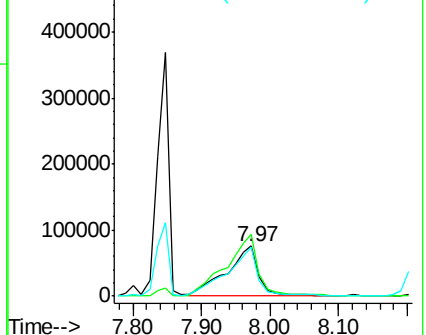
77 98.0 74.5 114.5



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

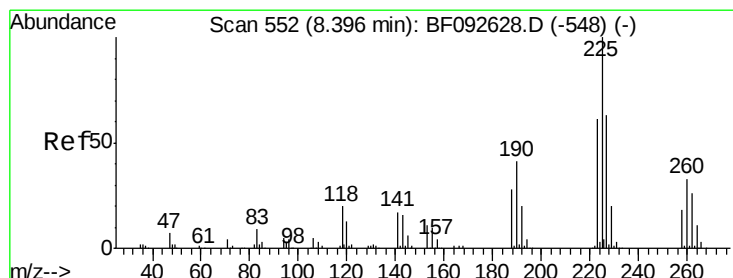
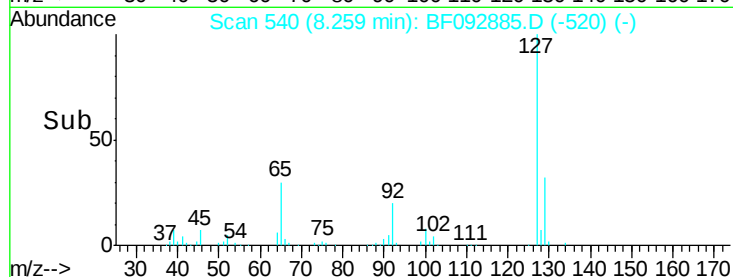
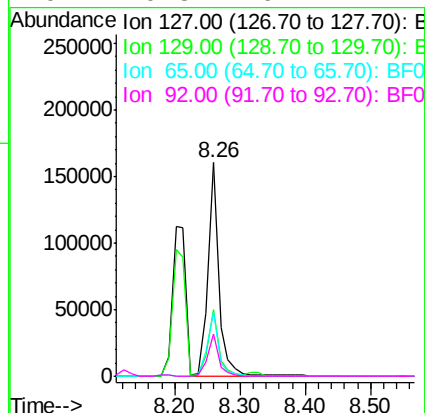
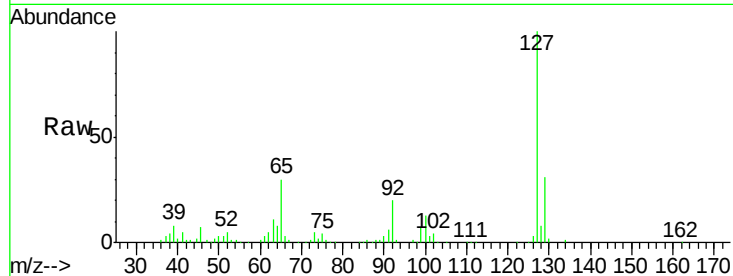




#33
4-Chloroaniline
Concen: 12.96 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

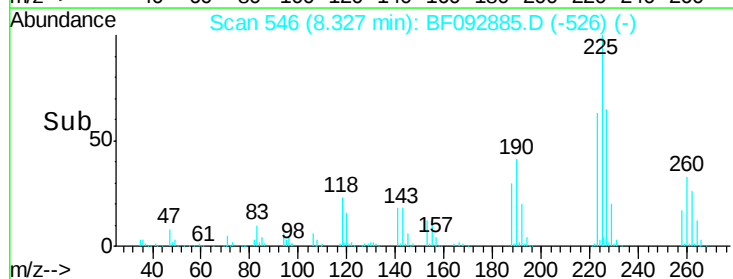
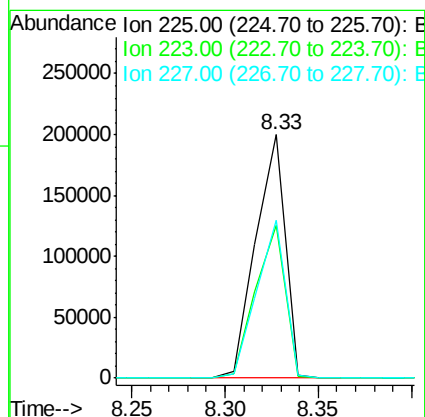
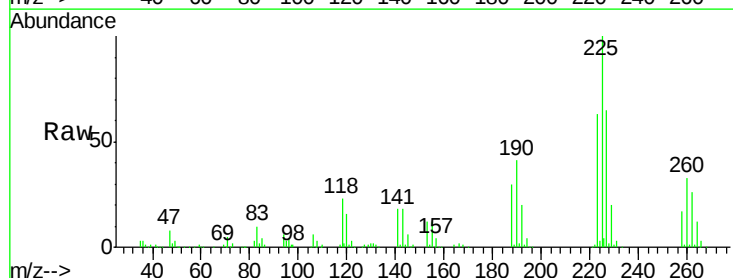
Instrument :
BNA_F
ClientSampleId :
PB96853BS

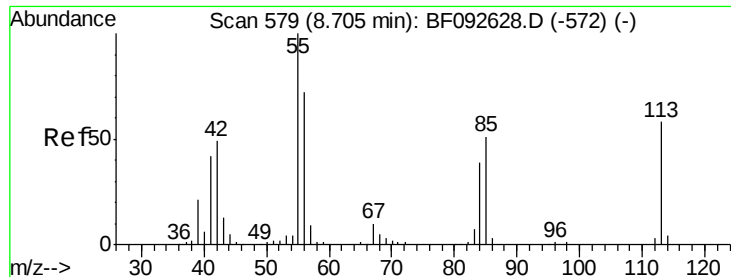
Tgt Ion:	127	Resp:	188214
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.3	39.5
65	30.0	25.8	38.8
92	19.8	16.1	24.1



#34
Hexachlorobutadiene
Concen: 35.08 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.07 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion:	225	Resp:	218149
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.6
227	64.8	50.6	76.0





#35

Caprolactam

Concen: 27.61 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.08 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

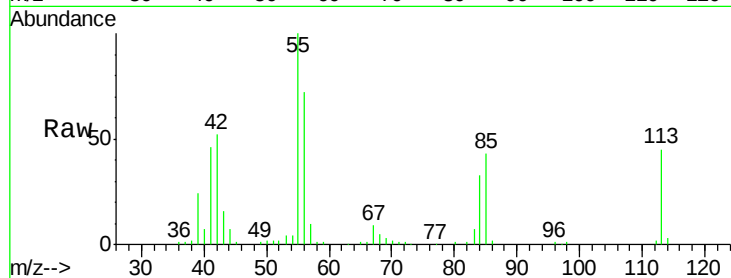
Tgt Ion:113 Resp: 91103

Ion Ratio Lower Upper

113 100

55 220.4 119.2 159.2#

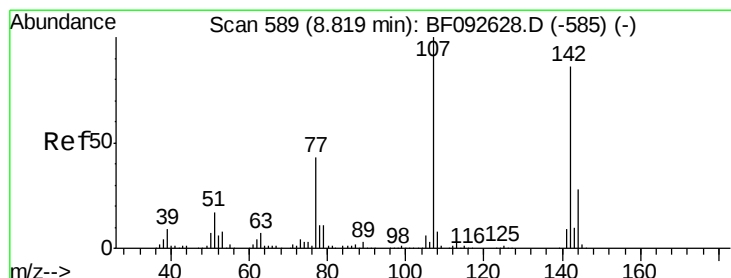
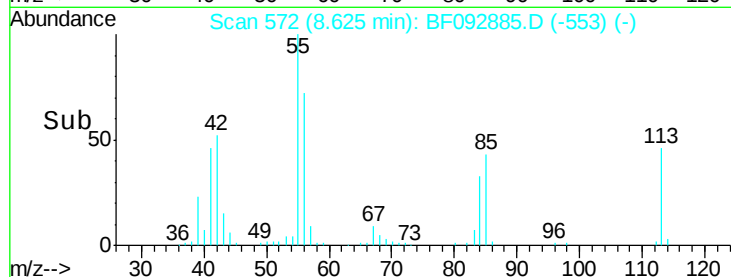
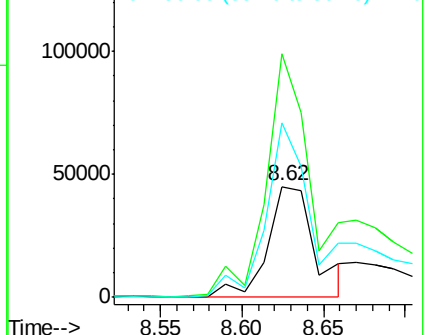
56 157.9 83.8 123.8#



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: 37.58 ng

RT: 8.75 min Scan# 583

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

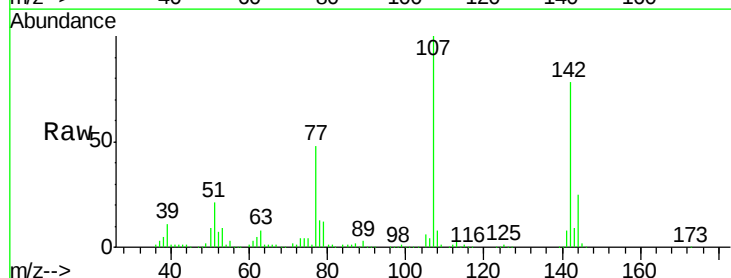
Tgt Ion:107 Resp: 410944

Ion Ratio Lower Upper

107 100

144 24.5 19.3 28.9

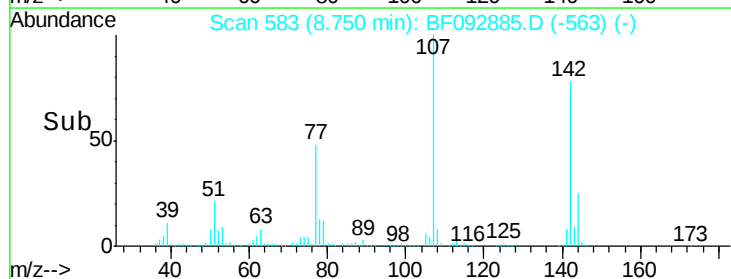
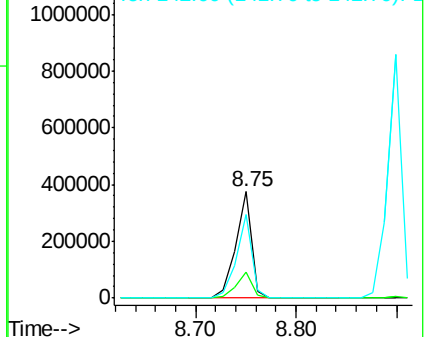
142 78.4 59.0 88.6

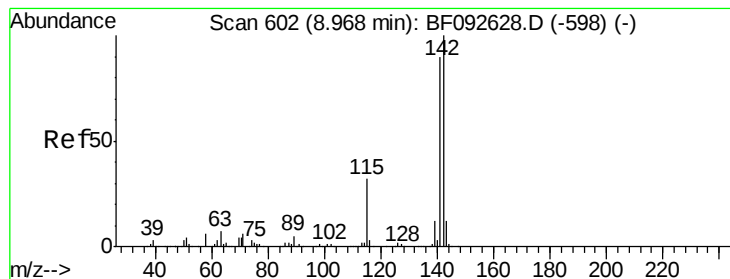


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.22 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

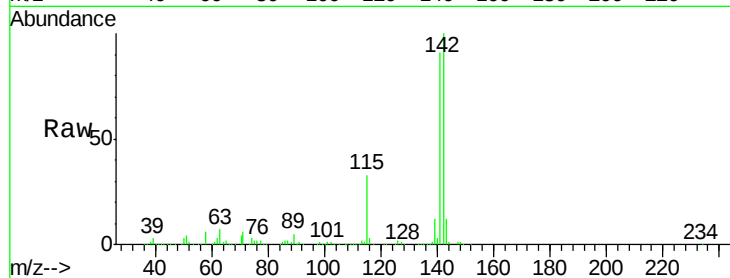
Tgt Ion:142 Resp: 837611

Ion Ratio Lower Upper

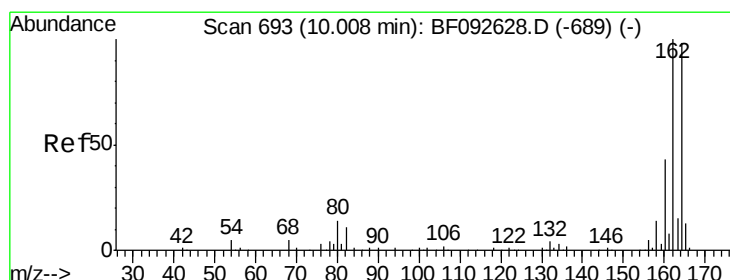
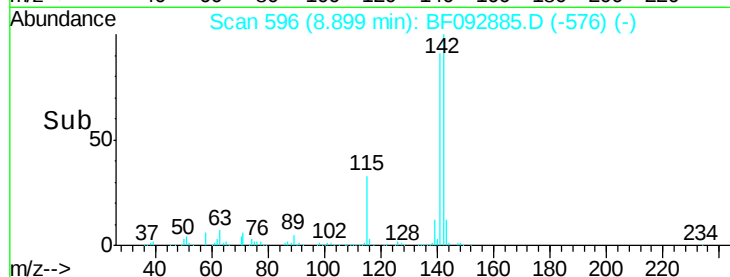
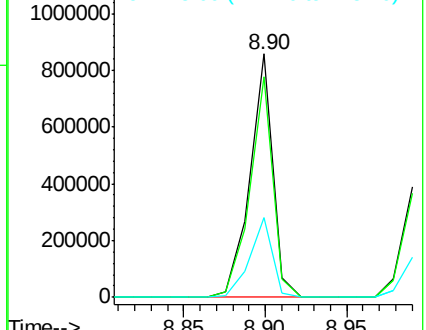
142 100

141 90.5 71.0 106.6

115 33.0 28.3 42.5



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

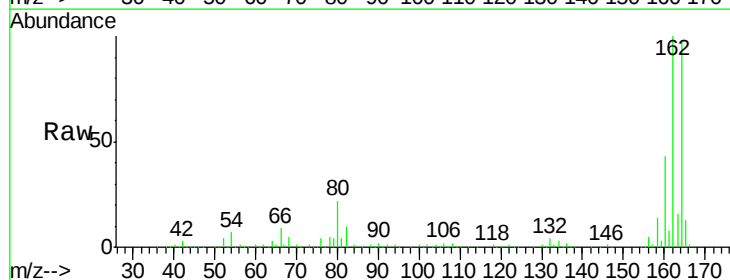
Tgt Ion:164 Resp: 390519

Ion Ratio Lower Upper

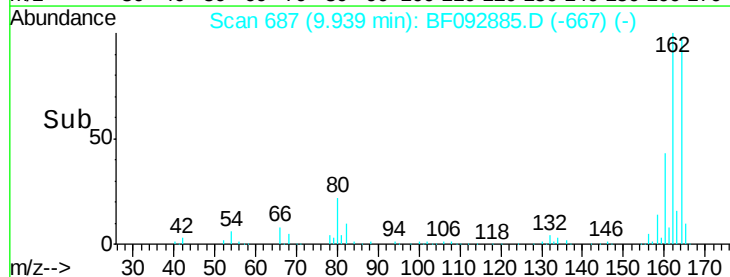
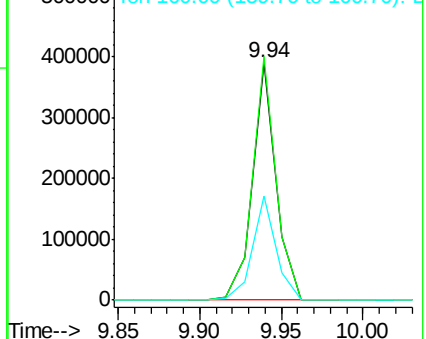
164 100

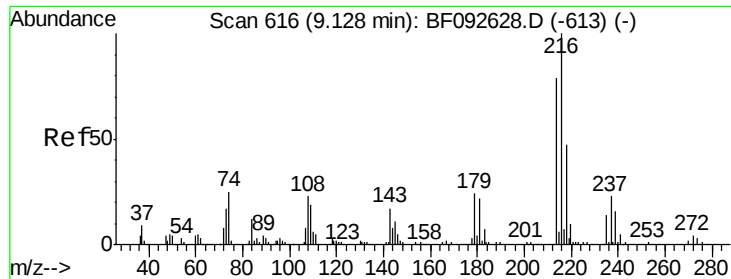
162 102.5 80.2 120.2

160 44.0 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.38 ng

RT: 9.07 min Scan# 611

Delta R.T. -0.06 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

Tgt Ion:216 Resp: 376885

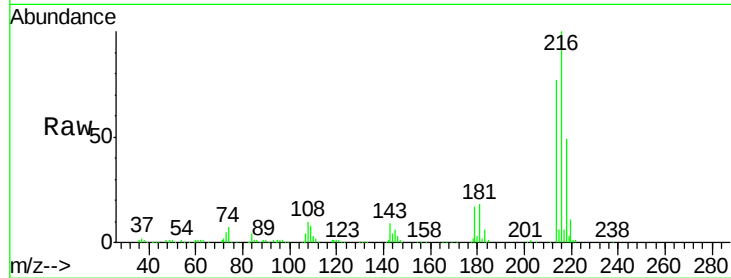
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.0

179 20.1 17.4 26.2

108 18.8 15.6 23.4

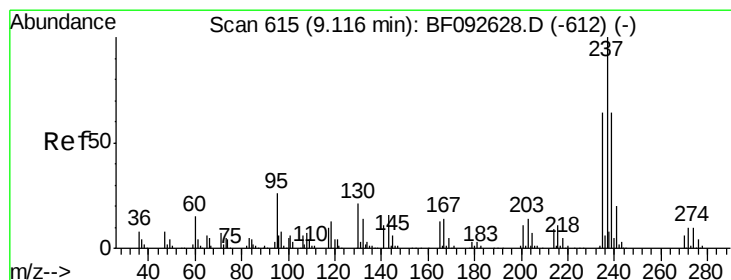
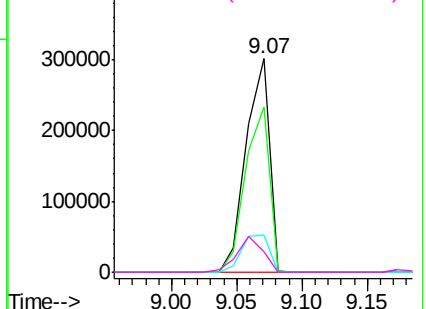
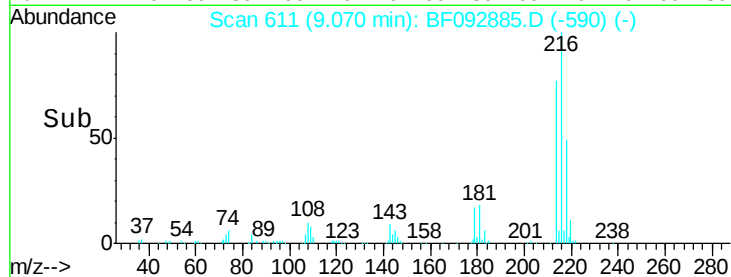


Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.90 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

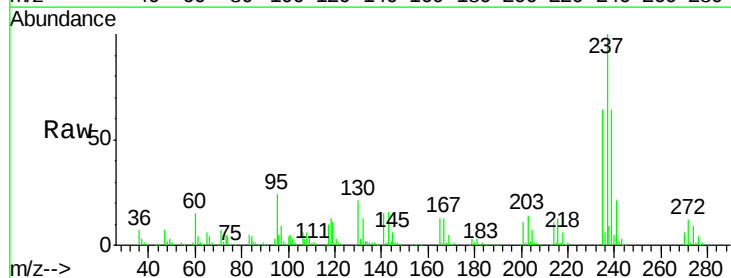
Tgt Ion:237 Resp: 325938

Ion Ratio Lower Upper

237 100

235 64.2 41.2 81.2

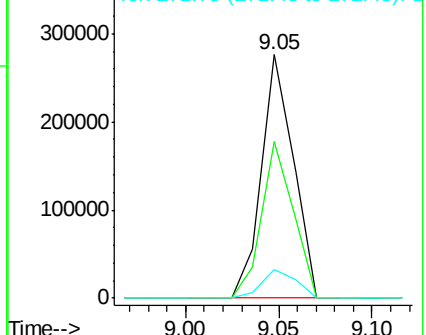
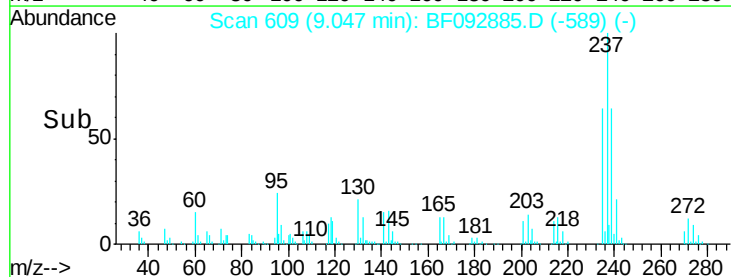
272 11.7 0.0 35.4



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

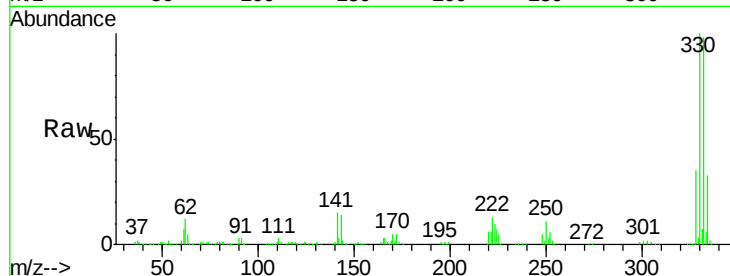




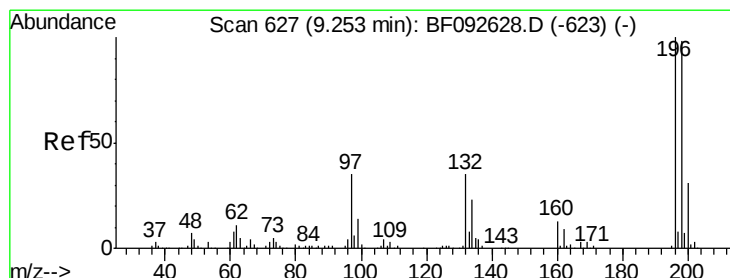
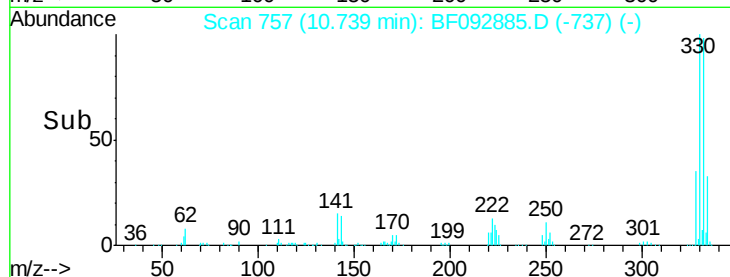
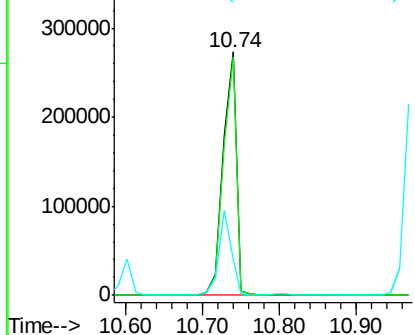
#41
 2,4,6-Tribromophenol
 Concen: 119.37 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.07 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

Tgt Ion:330 Resp: 337155
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 32.4 34.1 51.1#

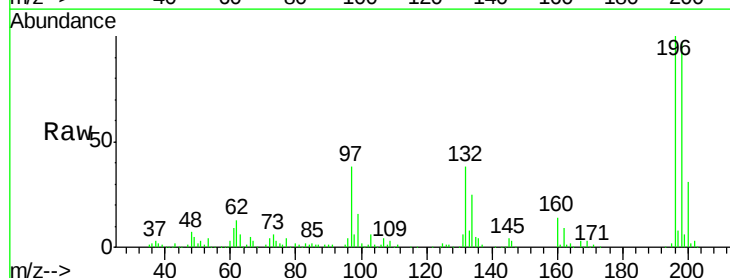


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

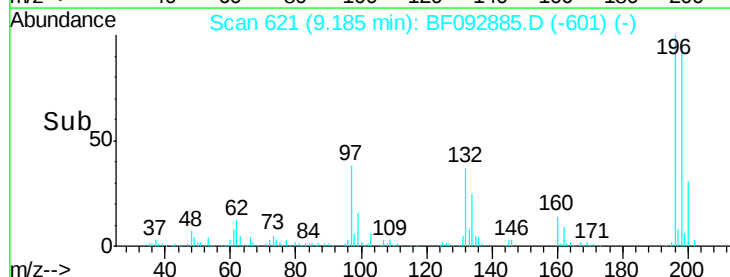
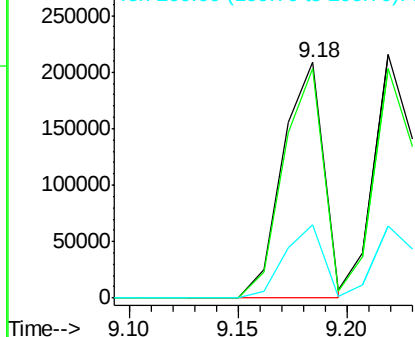


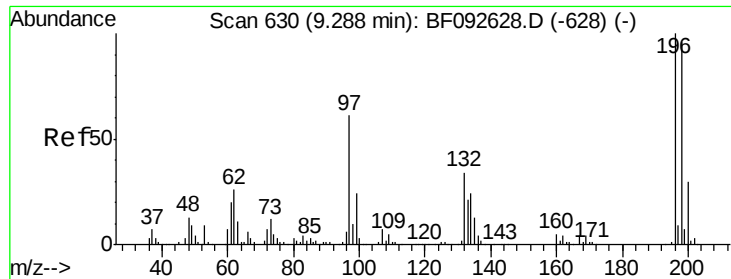
#42
 2,4,6-Trichlorophenol
 Concen: 37.72 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.07 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion:196 Resp: 271676
 Ion Ratio Lower Upper
 196 100
 198 97.5 82.1 123.1
 200 31.4 27.0 40.4



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

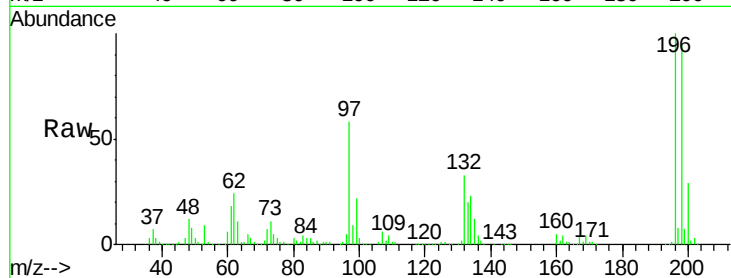




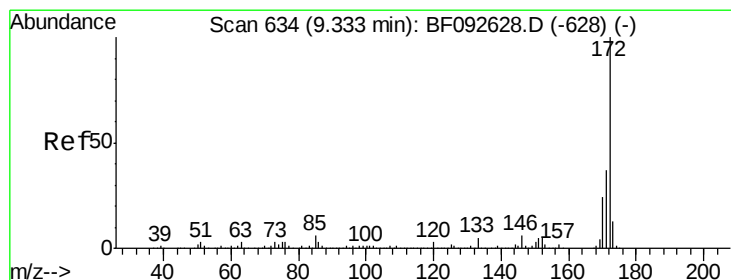
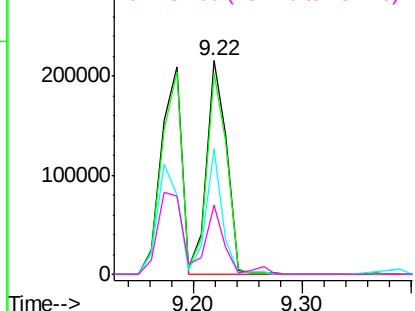
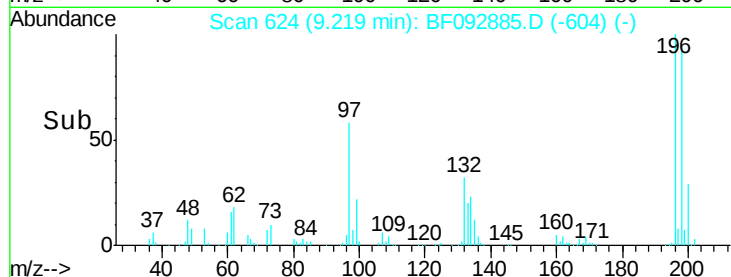
#43
 2,4,5-Trichlorophenol
 Concen: 35.13 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.07 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

Tgt Ion:196 Resp: 277236
 Ion Ratio Lower Upper
 196 100
 198 94.1 79.4 119.2
 97 58.4 51.5 77.3
 132 32.6 27.4 41.2

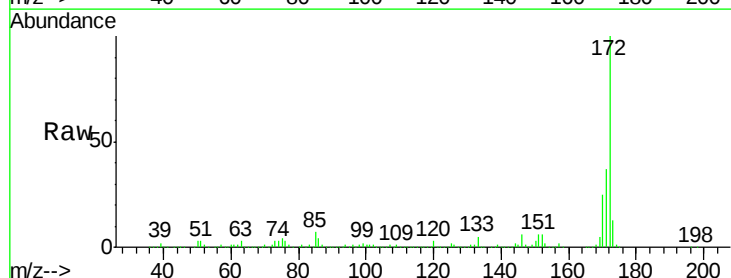


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

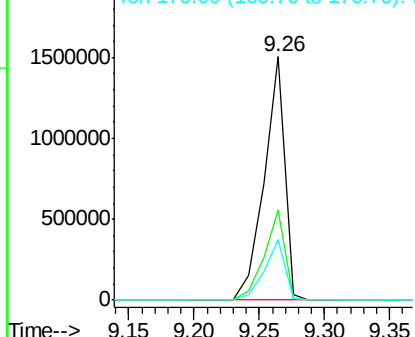
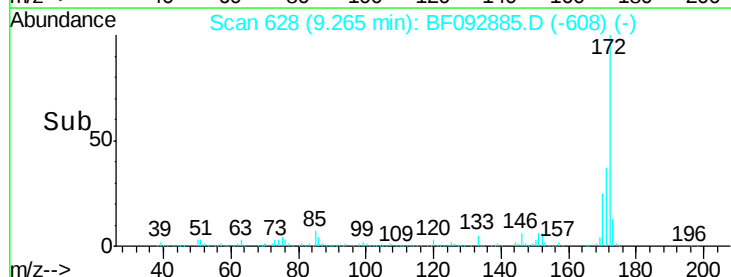


#44
 2-Fluorobiphenyl
 Concen: 77.05 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion:172 Resp: 1660949
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 24.7 20.2 30.4



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

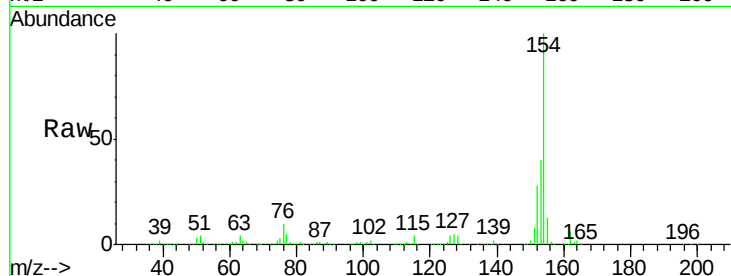




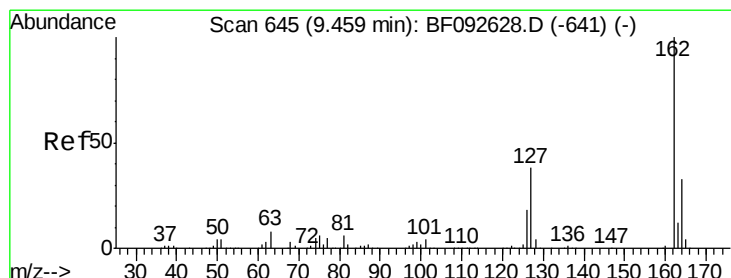
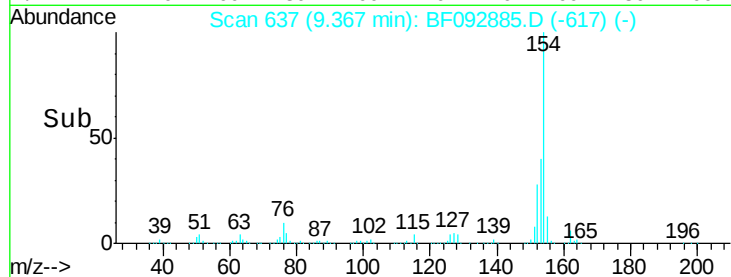
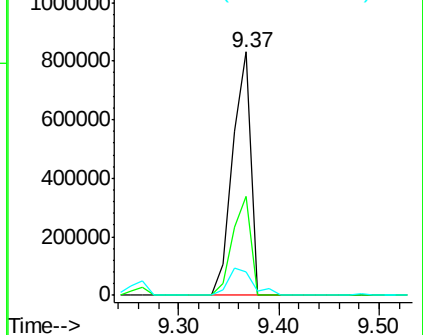
#45
 1,1'-Biphenyl
 Concen: 36.54 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.07 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

Tgt Ion:154 Resp: 1033152
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.9 60.9
 76 9.5 0.0 30.5

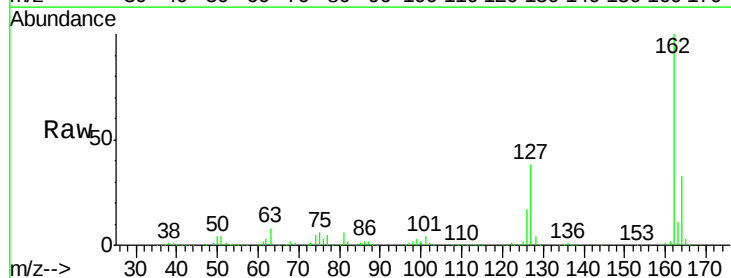


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

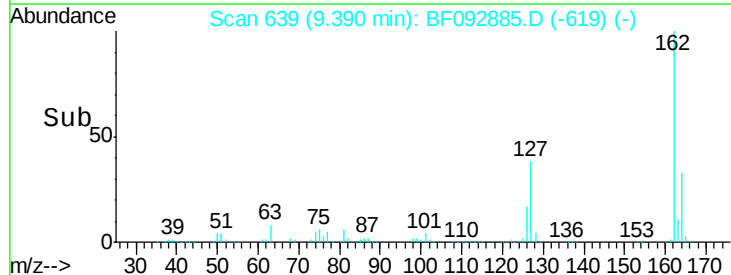
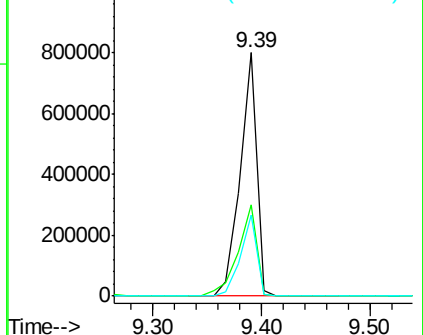


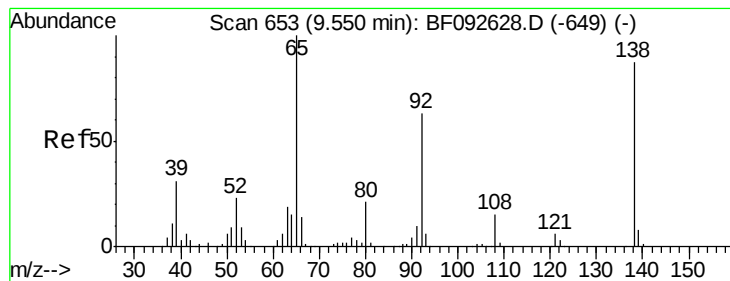
#46
 2-Chloronaphthalene
 Concen: 37.34 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.07 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion:162 Resp: 825914
 Ion Ratio Lower Upper
 162 100
 127 37.6 30.7 46.1
 164 33.2 27.6 41.4



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





#47

2-Nitroaniline

Concen: 33.51 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

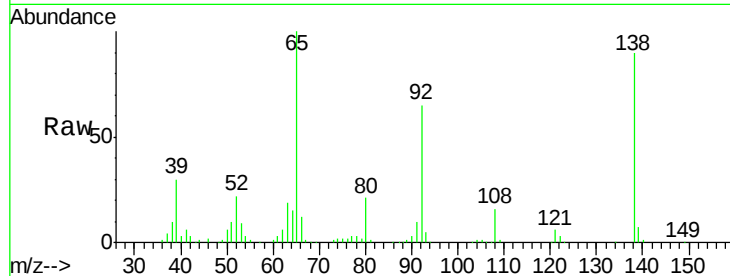
Tgt Ion: 65 Resp: 249218

Ion Ratio Lower Upper

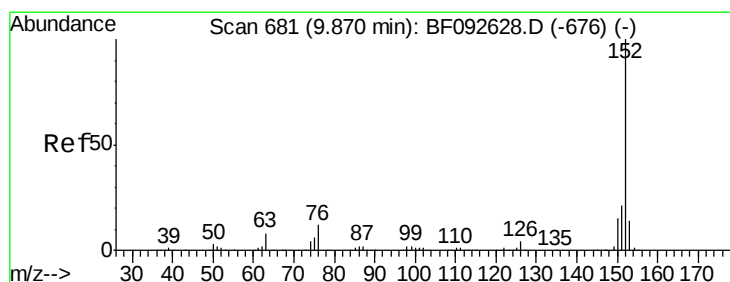
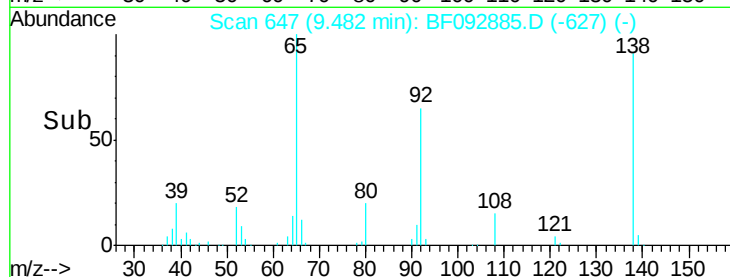
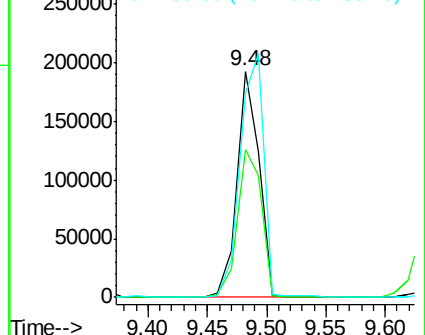
65 100

92 65.4 53.9 80.9

138 90.3 76.8 115.2



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



#48

Acenaphthylene

Concen: 31.38 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

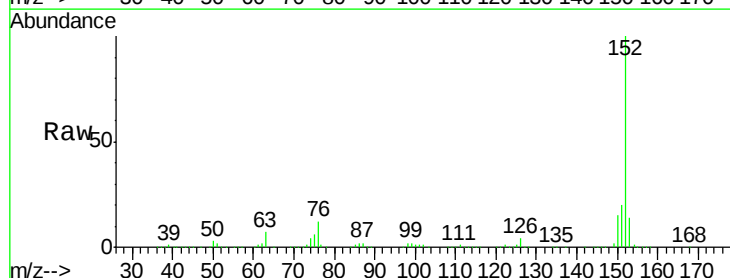
Tgt Ion: 152 Resp: 1199003

Ion Ratio Lower Upper

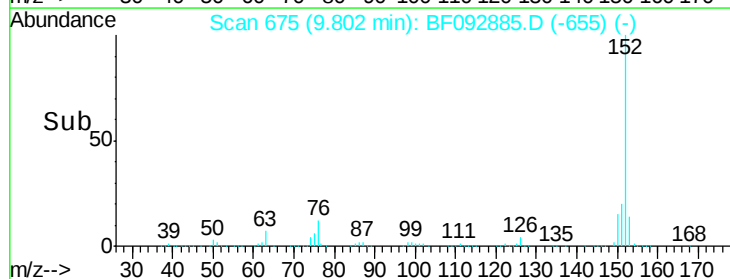
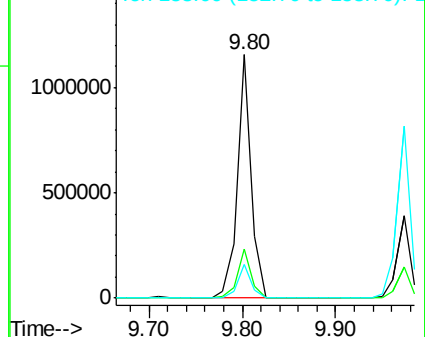
152 100

151 20.4 16.9 25.3

153 13.7 11.4 17.2



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





#49

Dimethylphthalate

Concen: 35.06 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

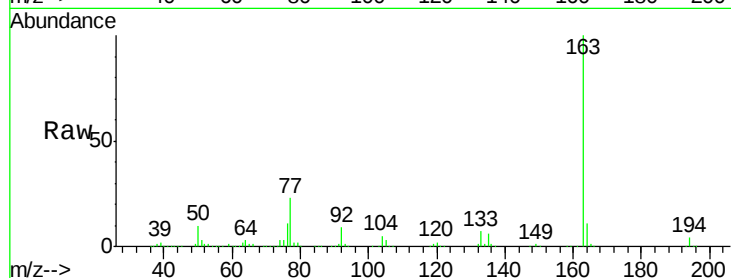
Tgt Ion:163 Resp: 922340

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

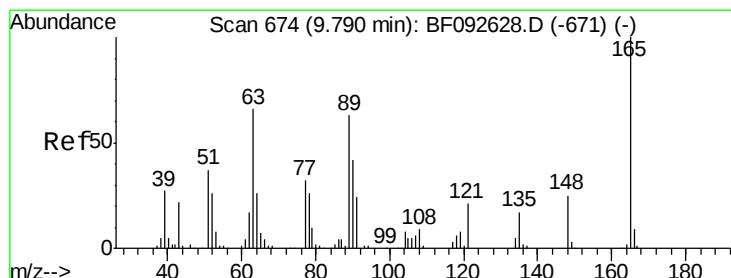
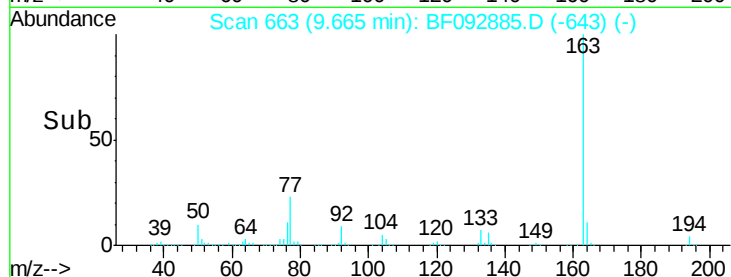
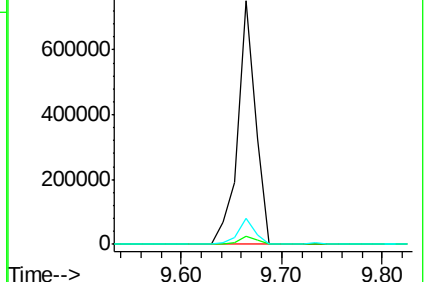
164 10.5 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.19 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.06 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

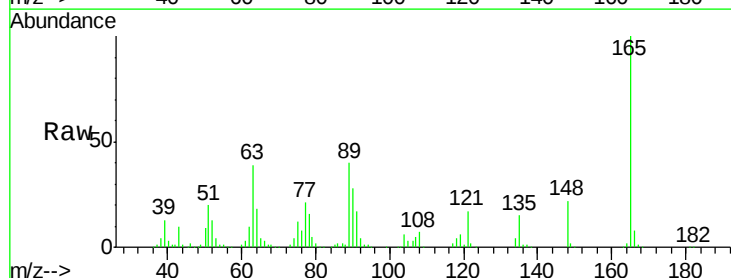
Tgt Ion:165 Resp: 233968

Ion Ratio Lower Upper

165 100

63 39.2 36.2 54.4

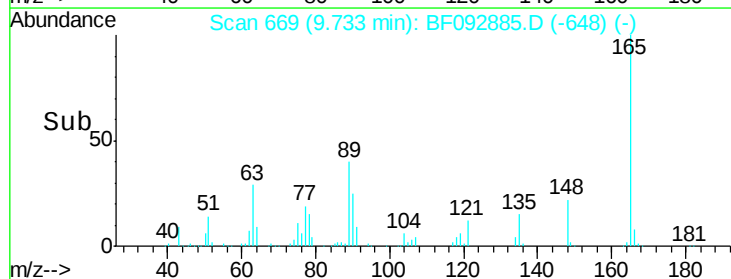
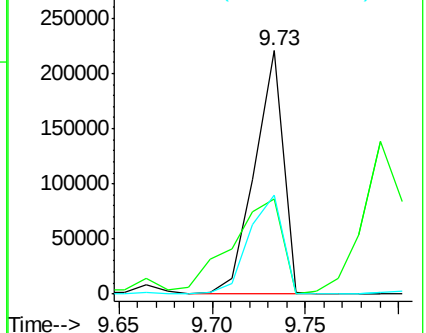
89 40.5 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.87 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

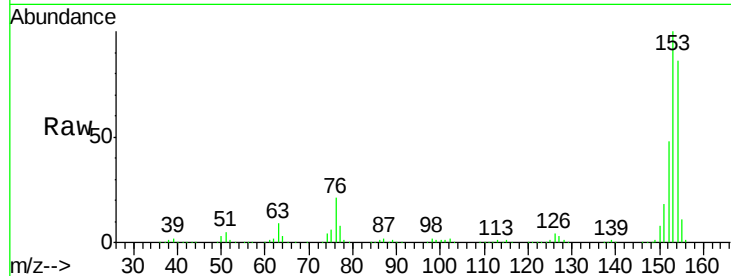
Tgt Ion:154 Resp: 796722

Ion Ratio Lower Upper

154 100

153 115.6 88.6 133.0

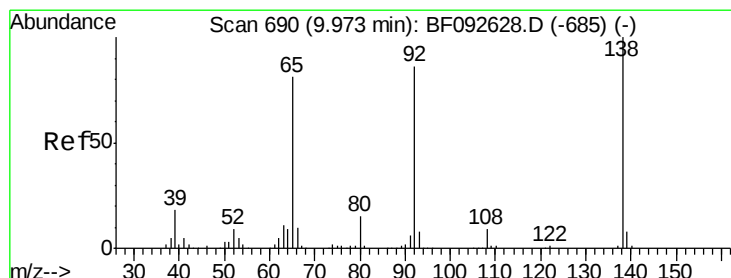
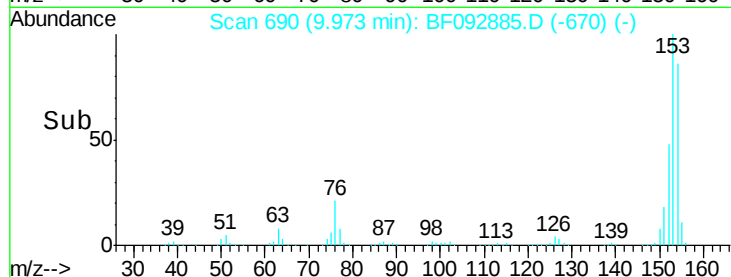
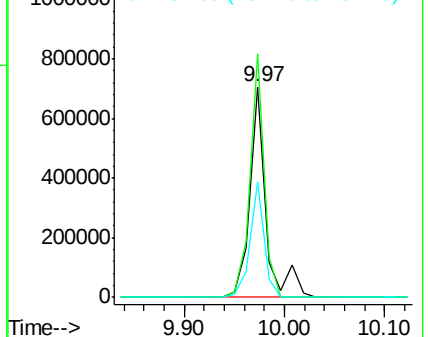
152 55.0 41.6 62.4



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: 17.85 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.08 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

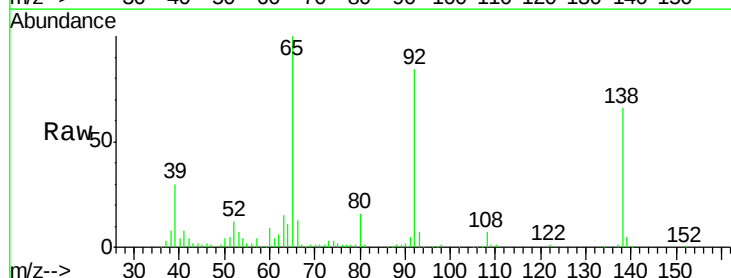
Tgt Ion:138 Resp: 116032

Ion Ratio Lower Upper

138 100

108 10.2 8.5 12.7

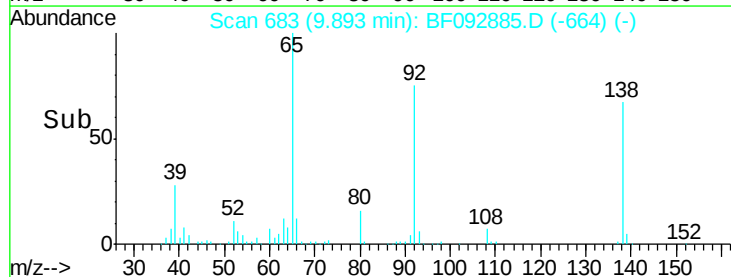
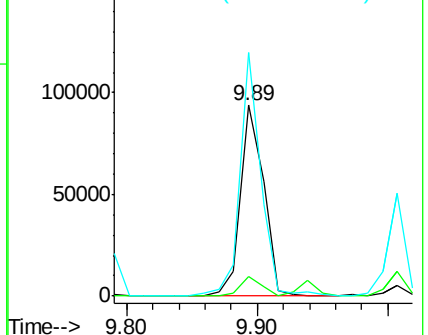
92 127.8 97.8 146.8

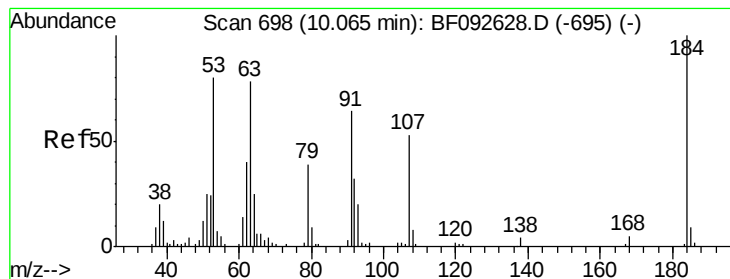


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 61.13 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.06 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

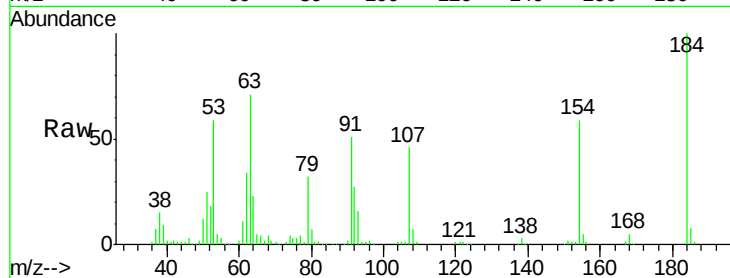
Tgt Ion:184 Resp: 173210

Ion Ratio Lower Upper

184 100

63 71.5 28.4 42.6#

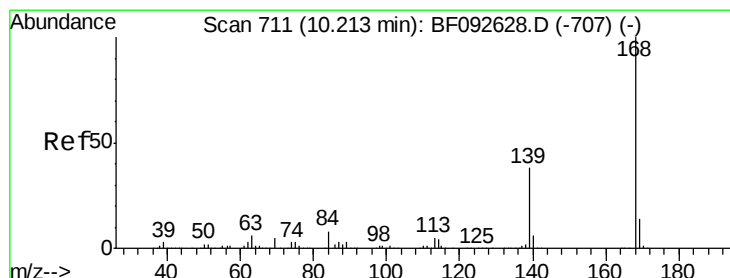
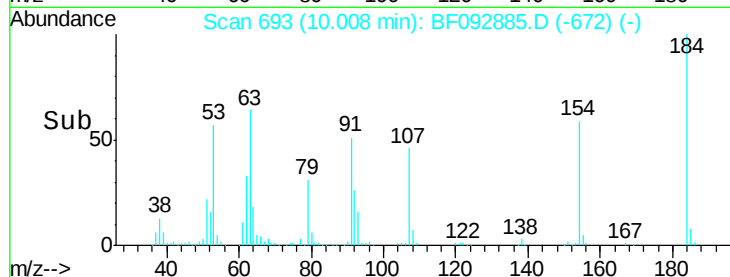
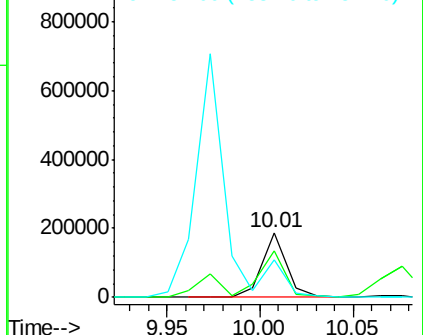
154 58.6 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 34.05 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

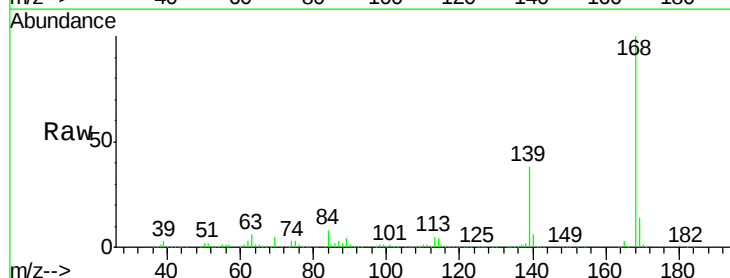
Tgt Ion:168 Resp: 1040505

Ion Ratio Lower Upper

168 100

139 38.5 32.6 49.0

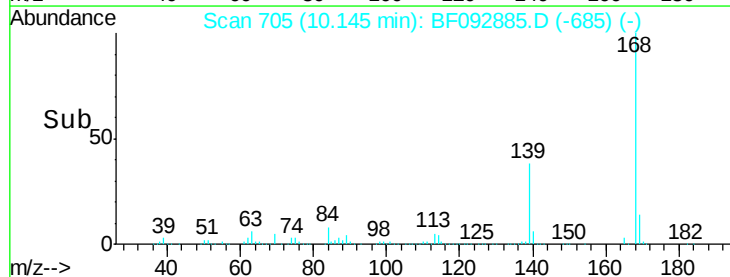
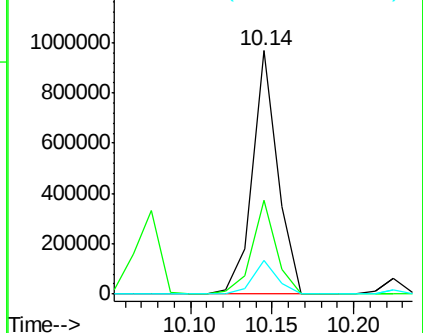
169 13.8 11.3 16.9

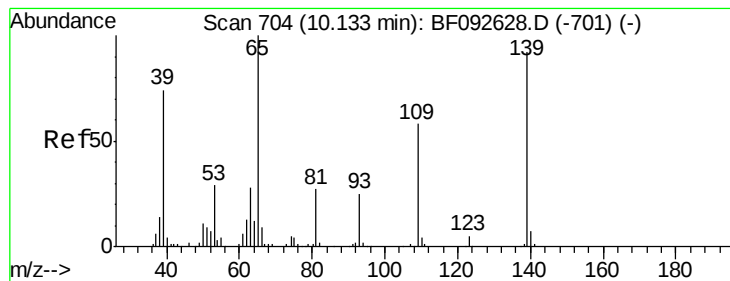


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 76.99 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.06 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

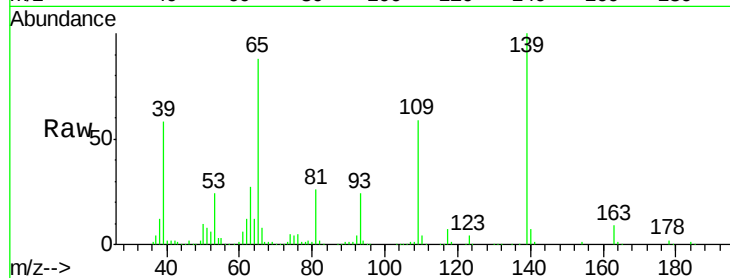
Tgt Ion:139 Resp: 360489

Ion Ratio Lower Upper

139 100

109 58.5 52.2 92.2

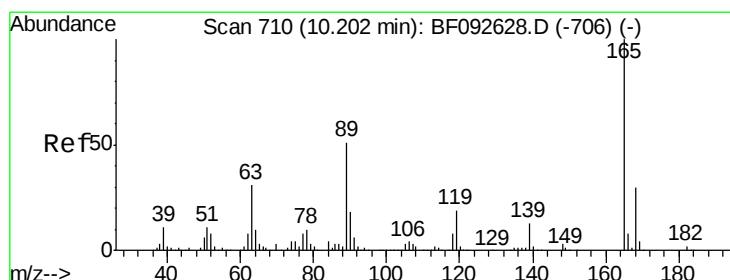
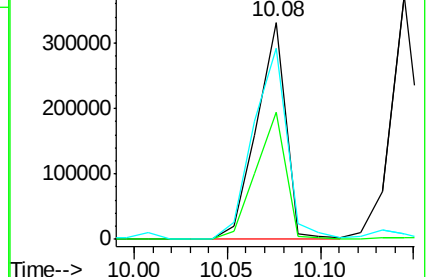
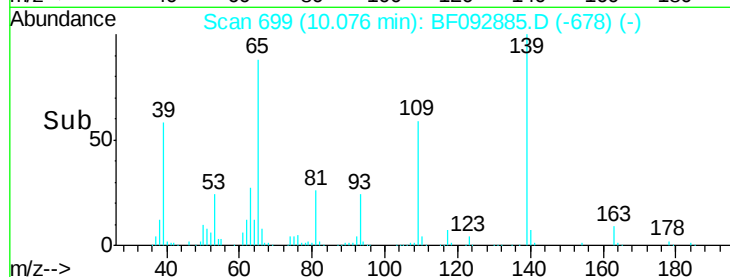
65 87.8 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 35.17 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Tgt Ion:165 Resp: 265958

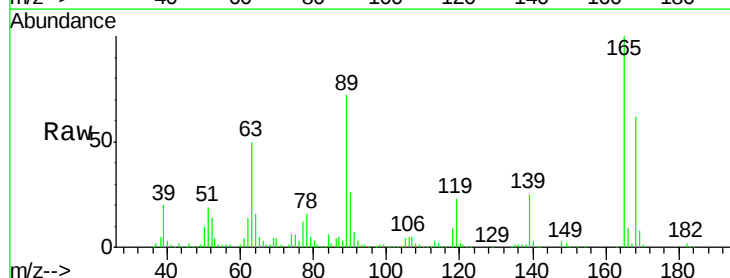
Ion Ratio Lower Upper

165 100

63 49.6 40.2 60.4

89 72.1 62.5 93.7

182 2.4 1.8 2.8

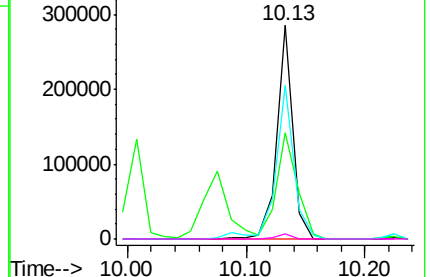
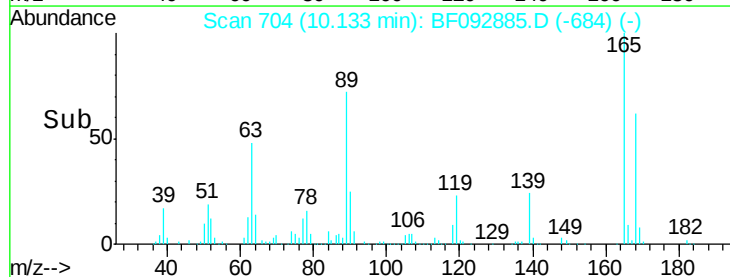


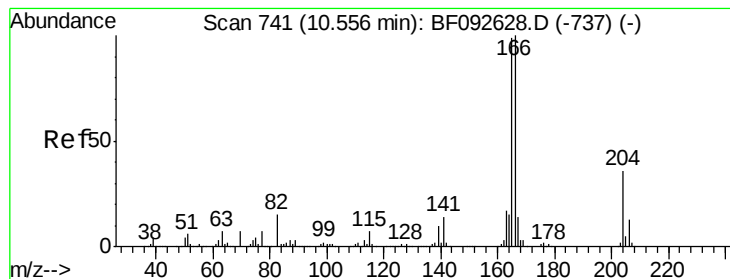
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 33.56 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

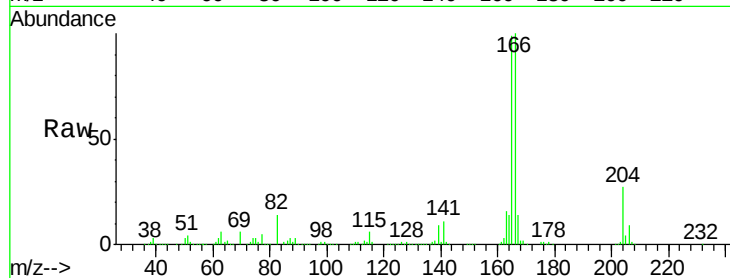
Tgt Ion:166 Resp: 789005

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

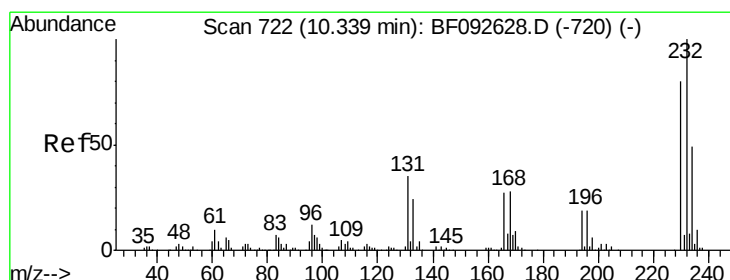
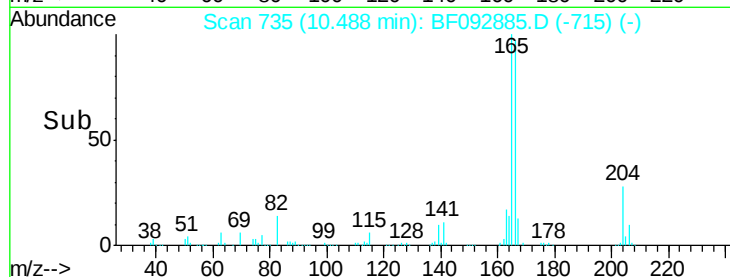
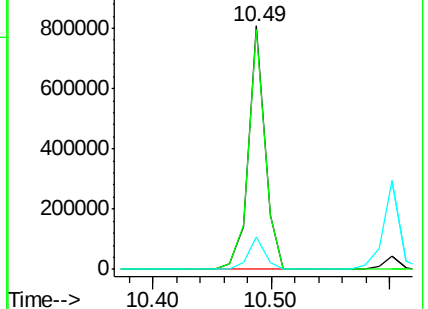
167 13.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.33 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Tgt Ion:232 Resp: 222871

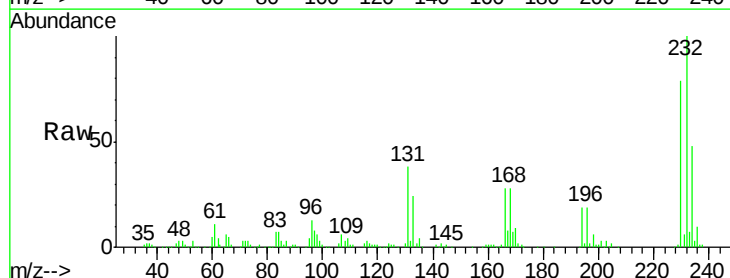
Ion Ratio Lower Upper

232 100

131 46.6 40.1 60.1

130 2.1 1.8 2.8

166 31.1 26.6 39.8

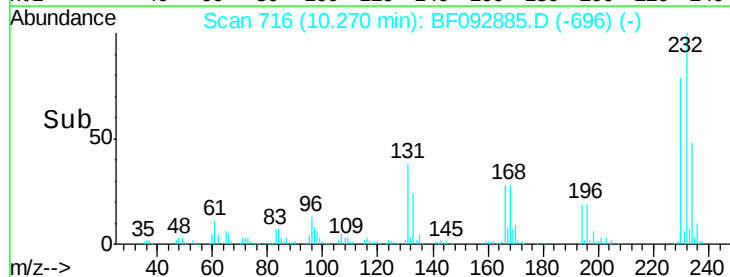
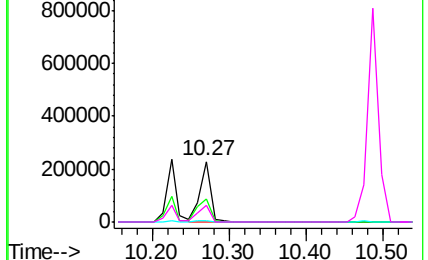


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 35.42 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

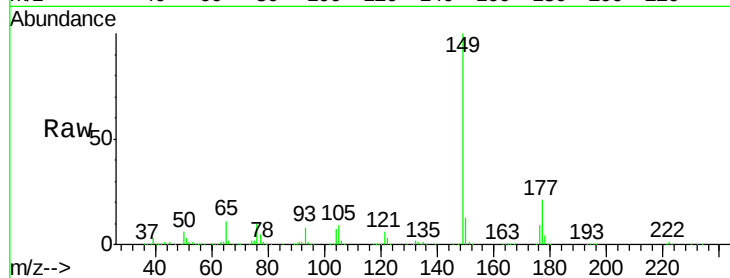
Tgt Ion:149 Resp: 878044

Ion Ratio Lower Upper

149 100

177 20.9 16.6 25.0

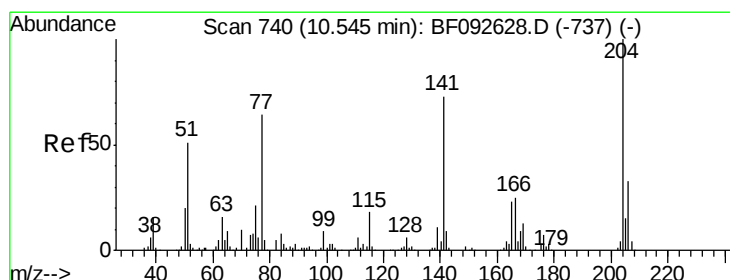
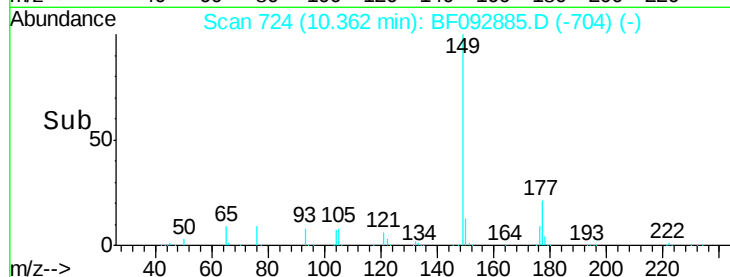
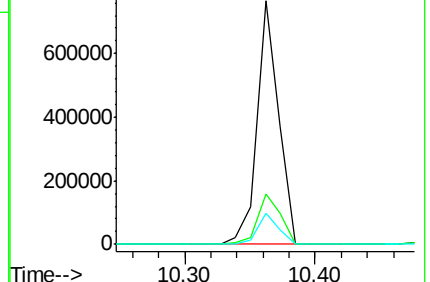
150 12.8 10.4 15.6



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: 33.50 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

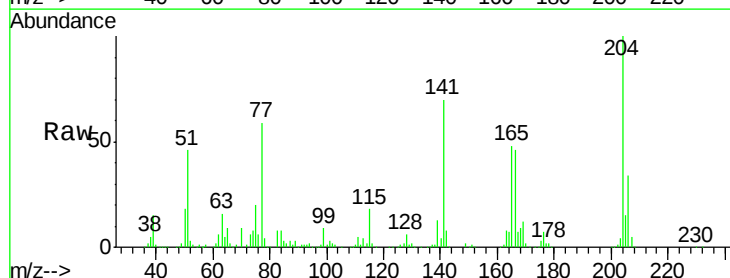
Tgt Ion:204 Resp: 378326

Ion Ratio Lower Upper

204 100

206 33.8 25.8 38.6

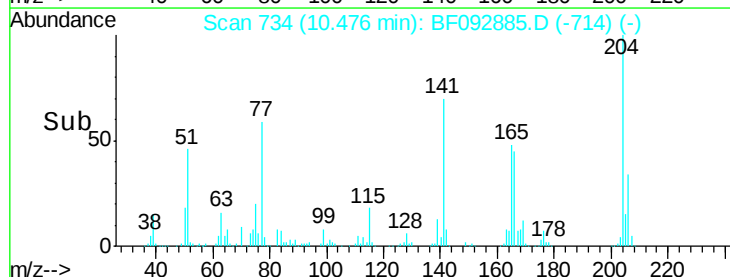
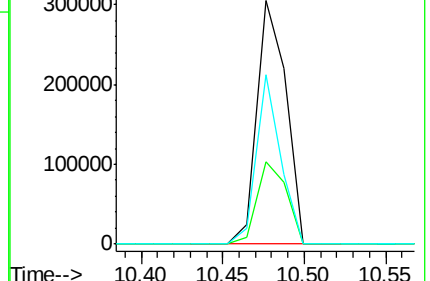
141 69.6 59.4 89.0

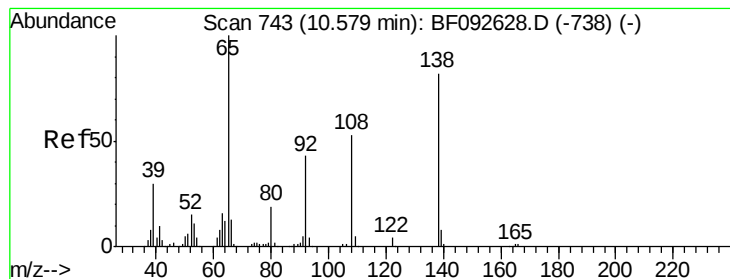


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.85 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

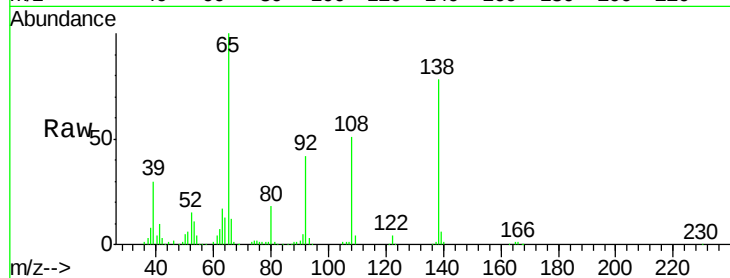
Tgt Ion:138 Resp: 212079

Ion Ratio Lower Upper

138 100

92 53.3 31.7 71.7

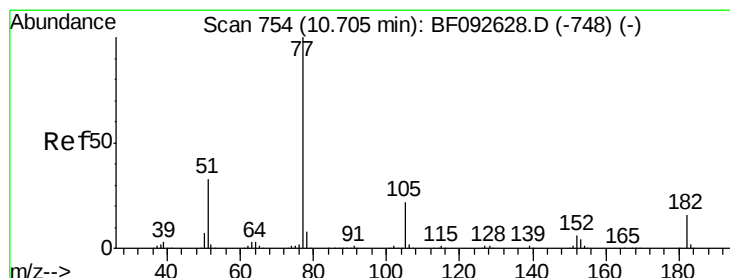
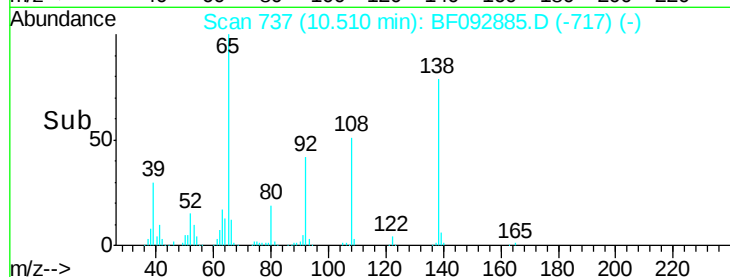
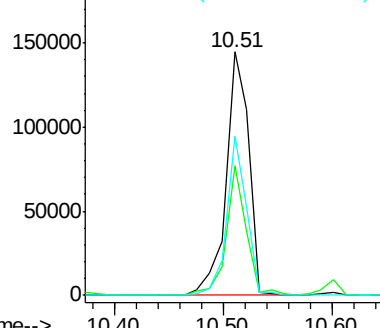
108 65.4 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.39 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Tgt Ion: 77 Resp: 983212

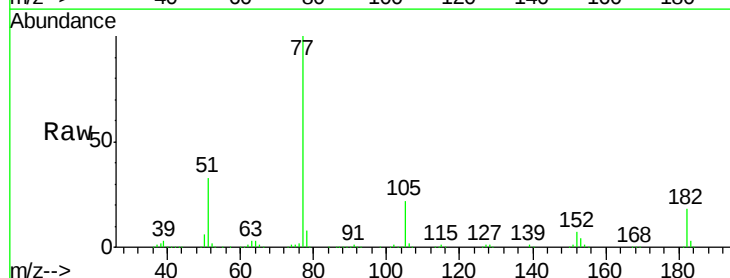
Ion Ratio Lower Upper

77 100

182 18.2 0.0 39.3

105 22.1 2.3 42.3

51 32.6 8.9 48.9

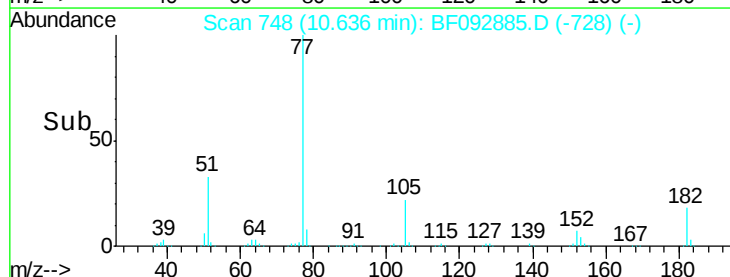
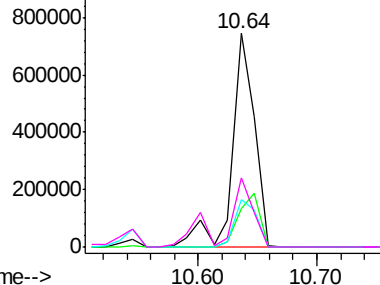


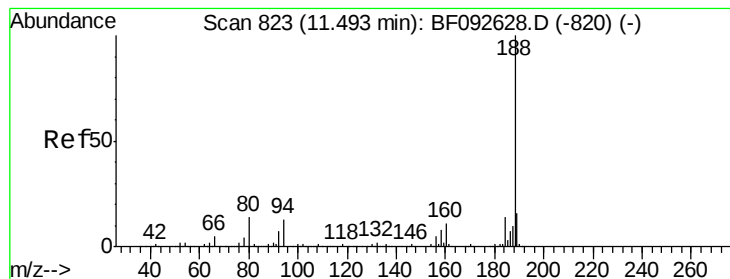
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

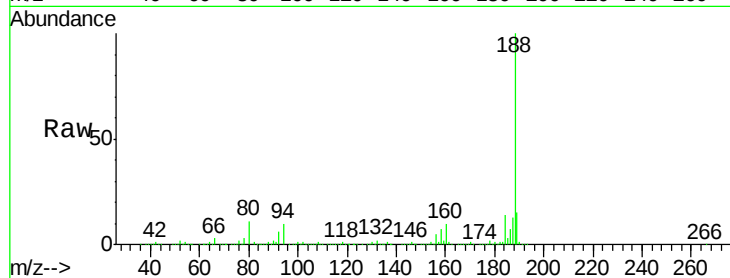
Tgt Ion:188 Resp: 654017

Ion Ratio Lower Upper

188 100

94 10.4 10.0 15.0

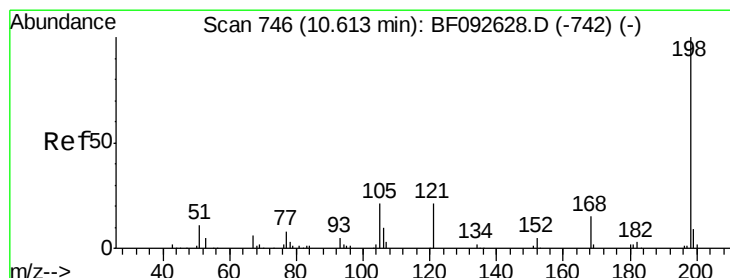
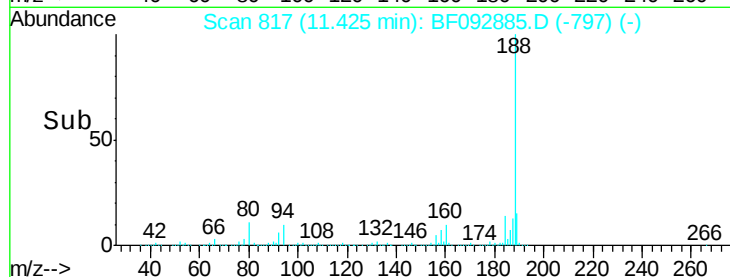
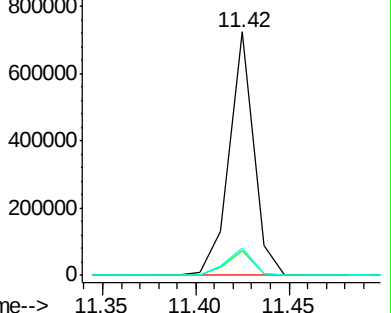
80 11.1 11.2 16.8#



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: 36.31 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

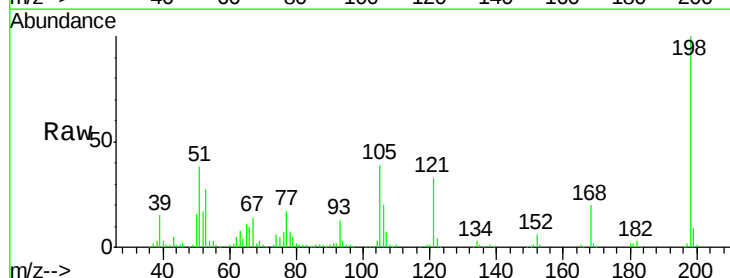
Tgt Ion:198 Resp: 141823

Ion Ratio Lower Upper

198 100

51 37.9 6.7 46.7

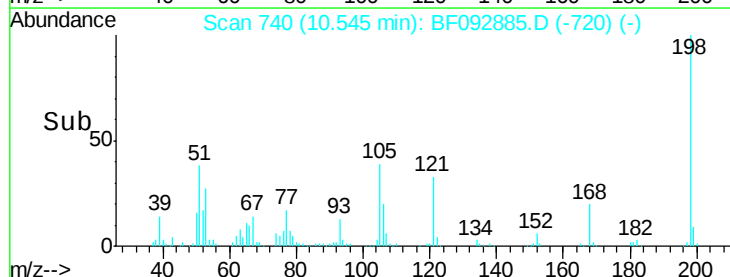
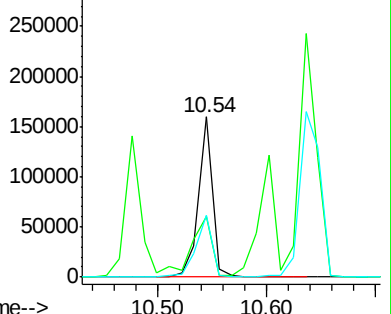
105 38.9 16.6 56.6

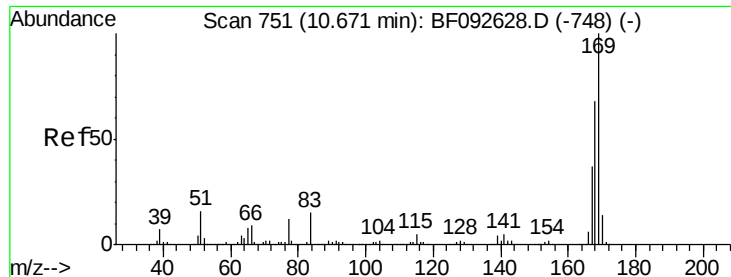


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.22 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

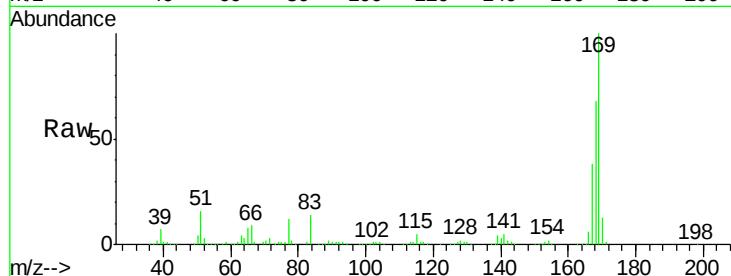
Tgt Ion:169 Resp: 735883

Ion Ratio Lower Upper

169 100

168 68.4 54.2 81.2

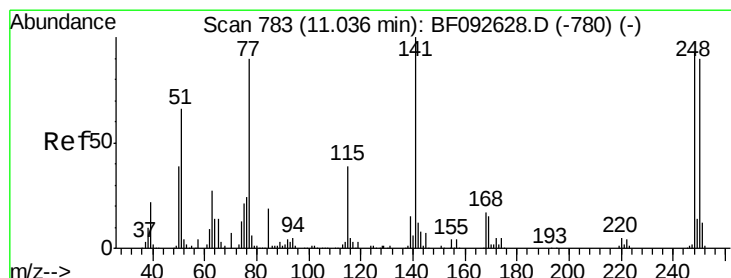
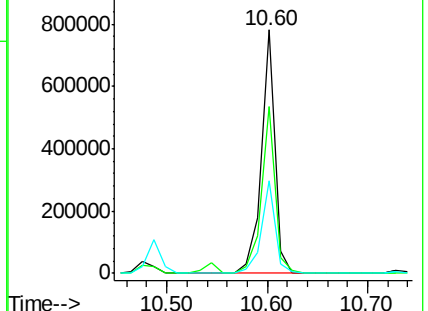
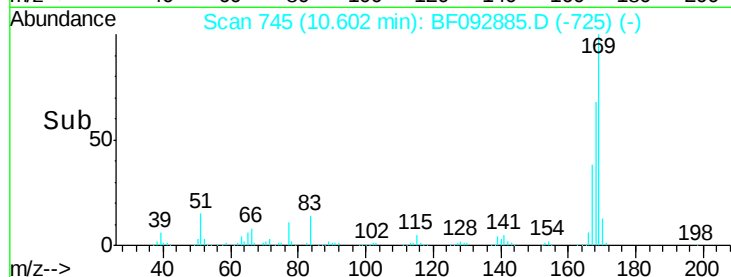
167 37.8 30.2 45.4



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: 33.17 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

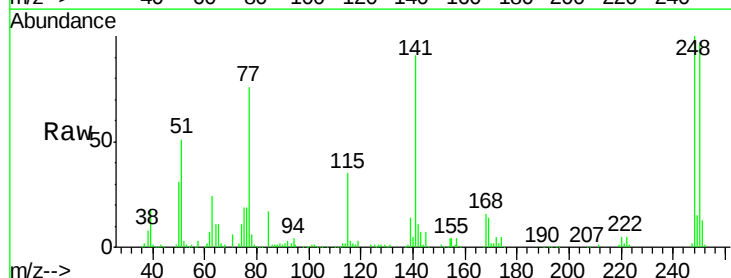
Tgt Ion:248 Resp: 226666

Ion Ratio Lower Upper

248 100

250 97.3 76.9 115.3

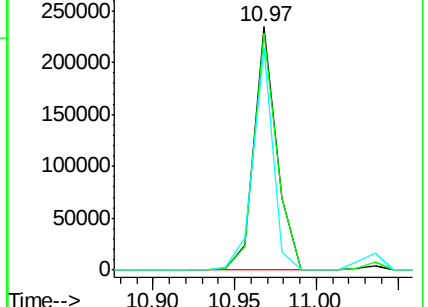
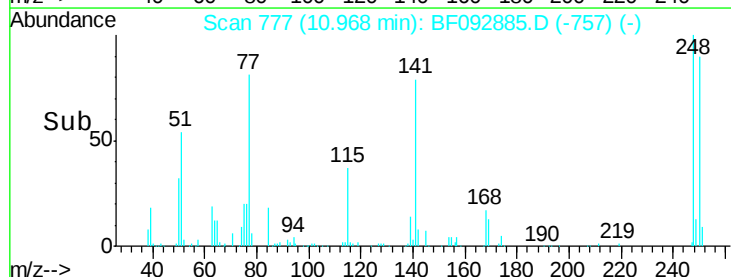
141 91.3 68.2 102.4



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

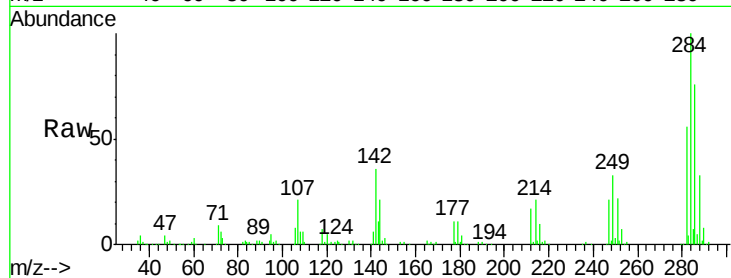




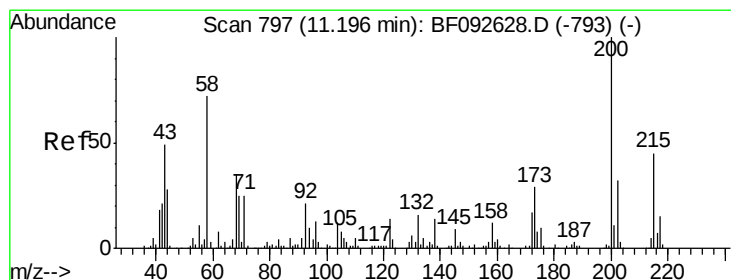
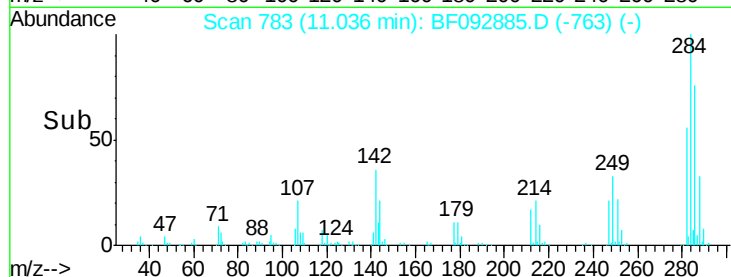
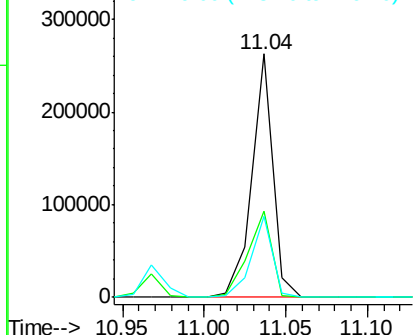
#67
Hexachlorobenzene
Concen: 34.82 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.07 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Instrument :
BNA_F
ClientSampleId :
PB96853BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	22.6	33.8#
249	33.3	25.4	38.0

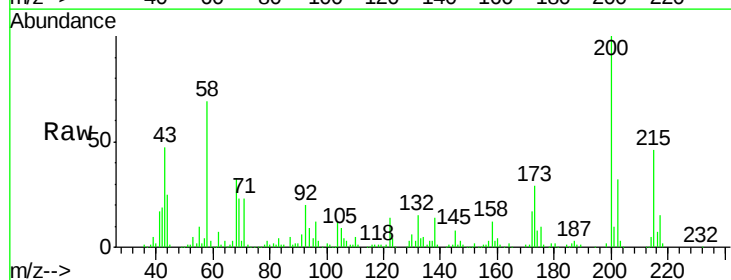


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

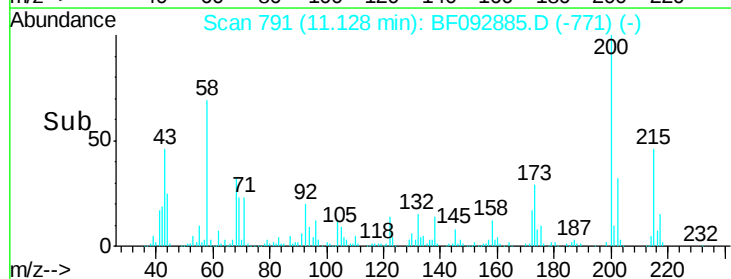
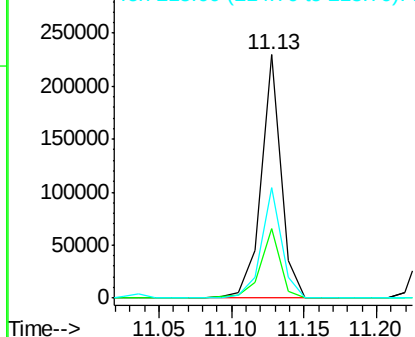


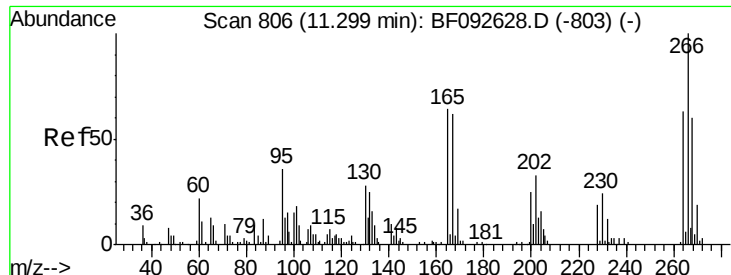
#68
Atrazine
Concen: 32.42 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.07 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.5	9.6	49.6
215	45.5	25.7	65.7



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

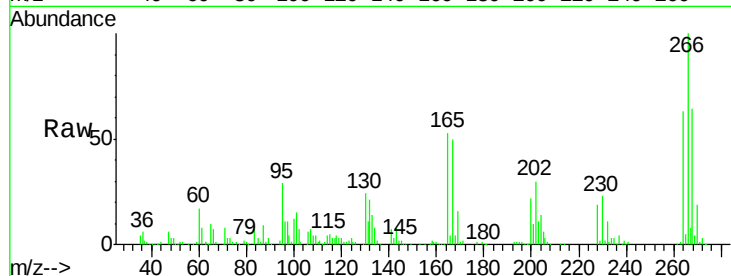




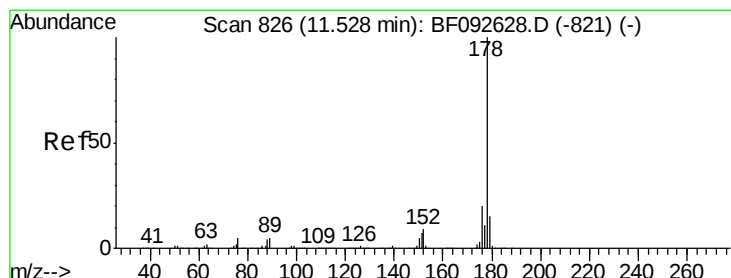
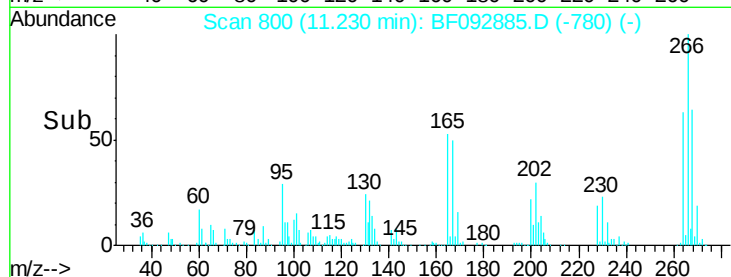
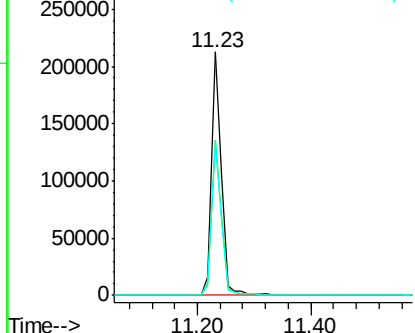
#69
 Pentachlorophenol
 Concen: 71.71 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.07 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

Tgt Ion: 266 Resp: 247106
 Ion Ratio Lower Upper
 266 100
 268 63.5 53.3 79.9
 264 63.1 50.3 75.5

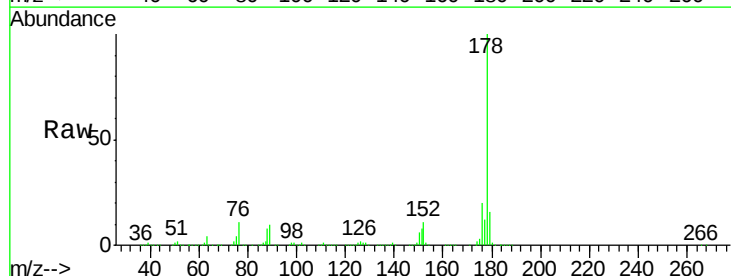


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

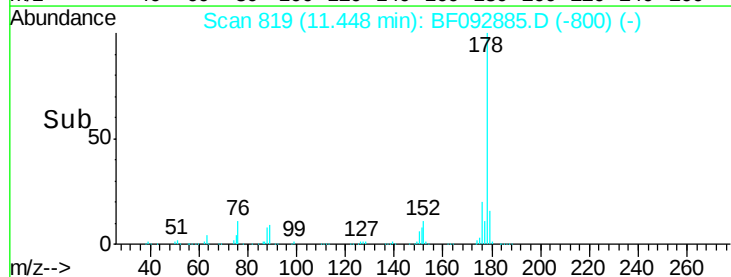
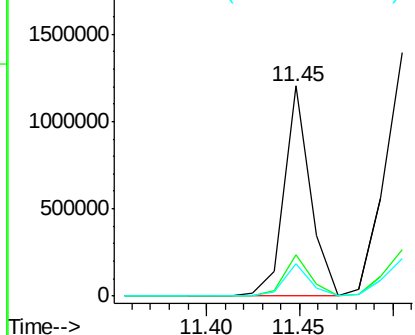


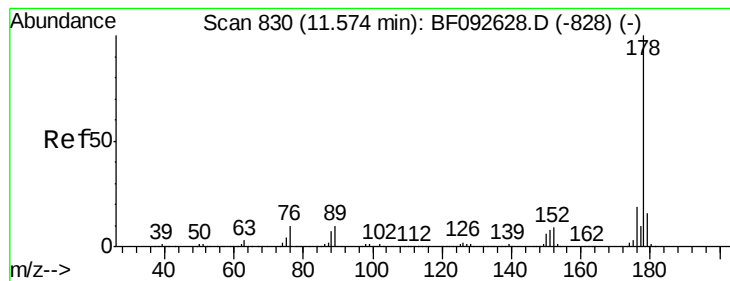
#70
 Phenanthrene
 Concen: 31.31 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.08 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion: 178 Resp: 1173152
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.6 25.0
 179 15.7 12.8 19.2



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: 36.90 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.07 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

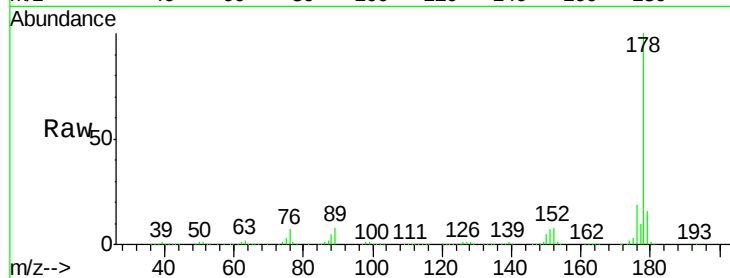
Tgt Ion:178 Resp: 1388502

Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

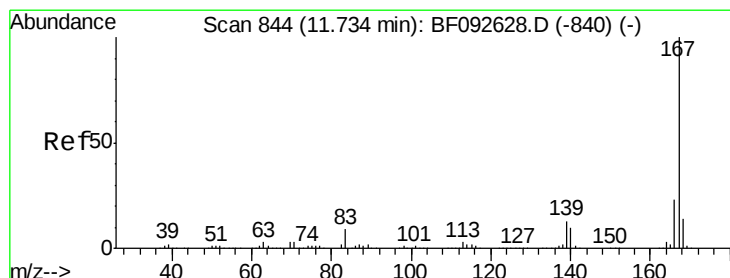
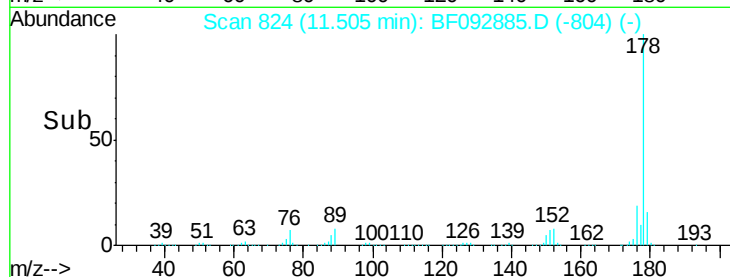
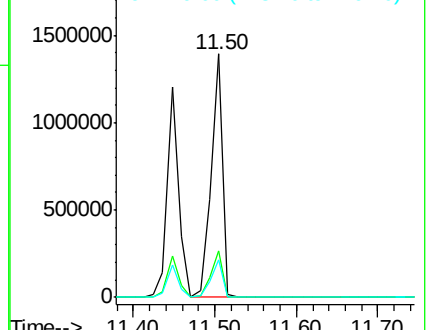
179 15.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 31.79 ng

RT: 11.65 min Scan# 837

Delta R.T. -0.08 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

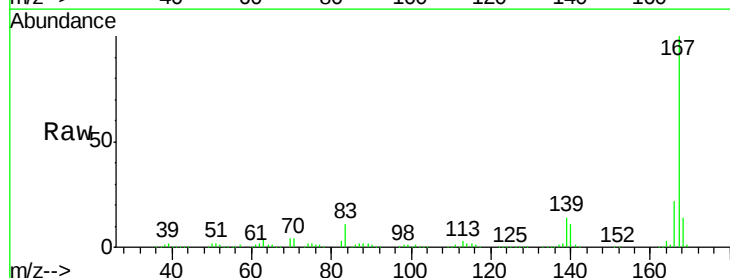
Tgt Ion:167 Resp: 1143300

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

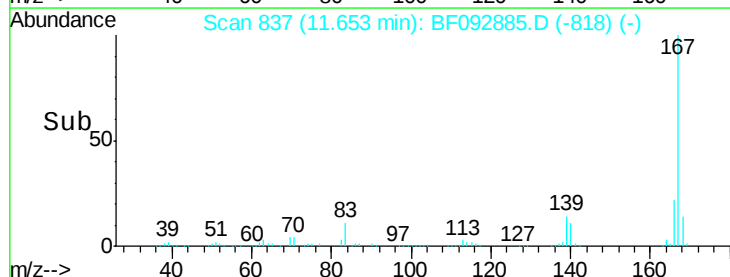
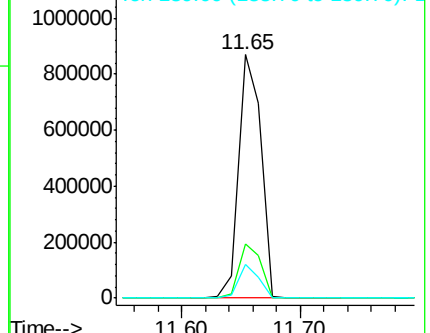
139 13.8 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

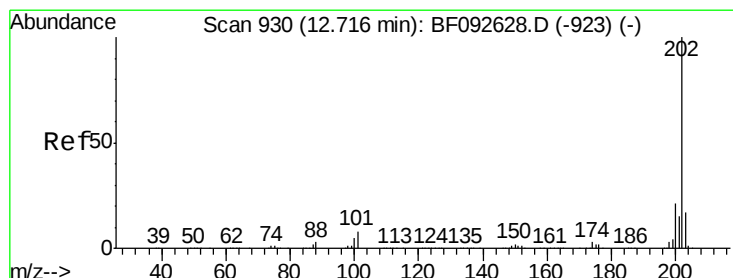
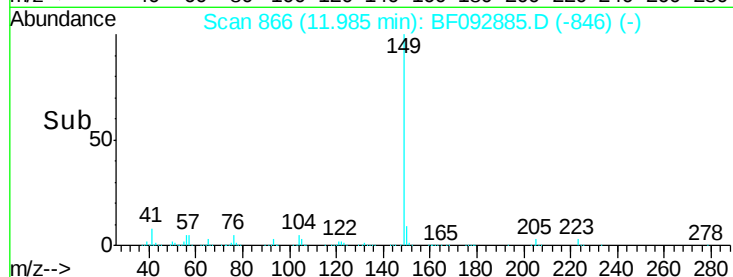
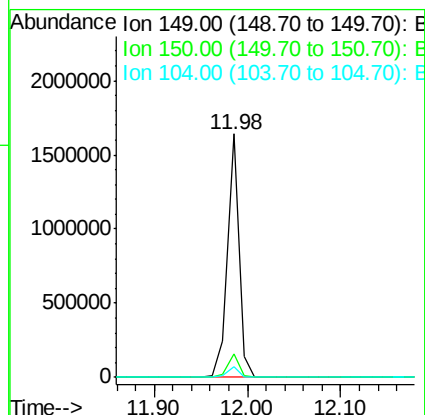
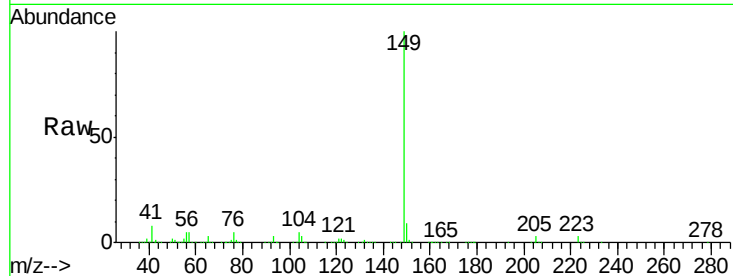




#73
Di-n-butylphthalate
Concen: 36.01 ng
RT: 11.98 min Scan# 866
Delta R.T. -0.07 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

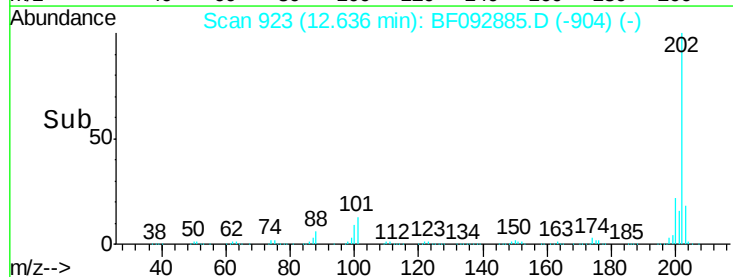
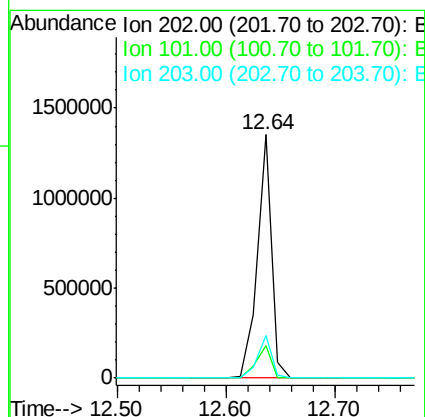
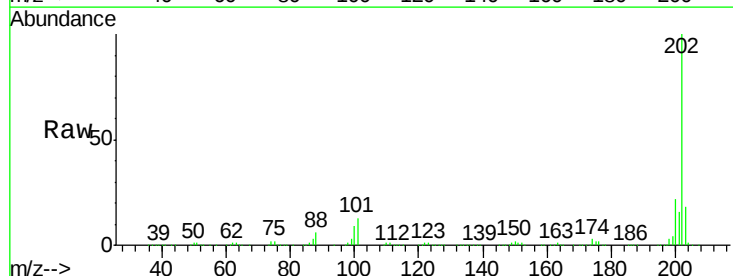
Instrument :
BNA_F
ClientSampleId :
PB96853BS

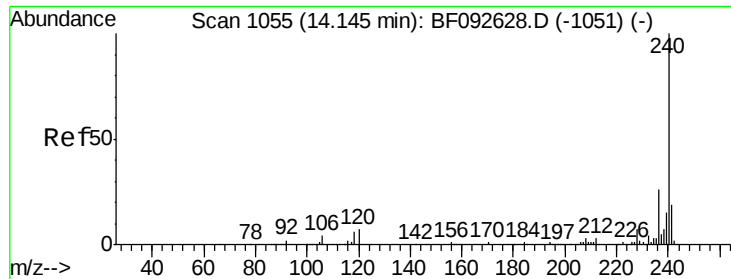
Tgt Ion:149 Resp: 1400935
Ion Ratio Lower Upper
149 100
150 9.4 8.1 12.1
104 4.5 4.6 7.0#



#74
Fluoranthene
Concen: 32.21 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.08 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion:202 Resp: 1244917
Ion Ratio Lower Upper
202 100
101 13.1 0.0 34.6
203 17.7 0.0 38.7

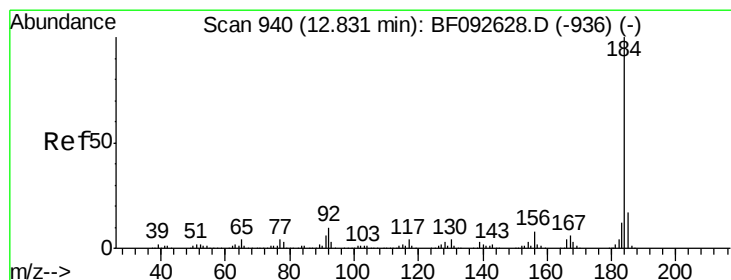
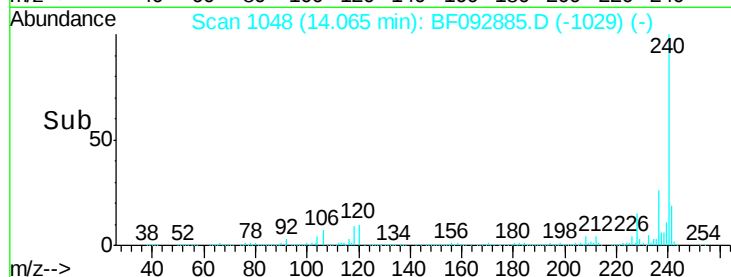
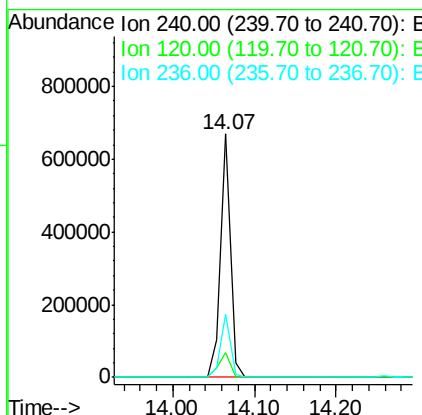
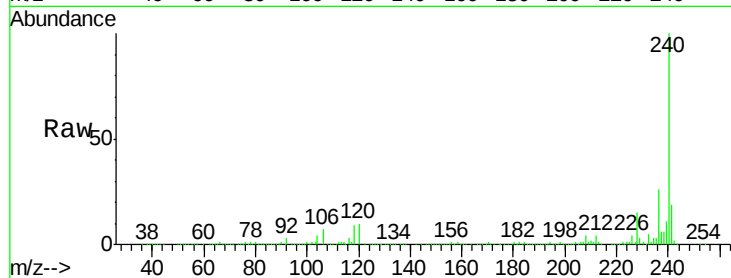




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.08 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

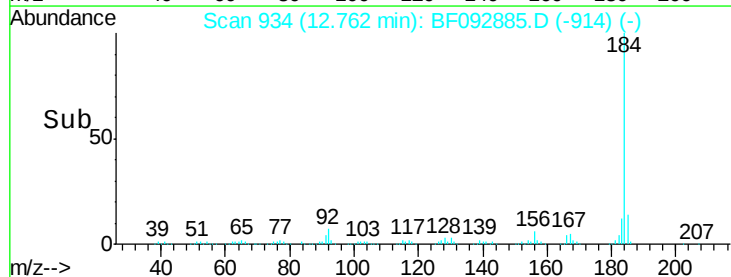
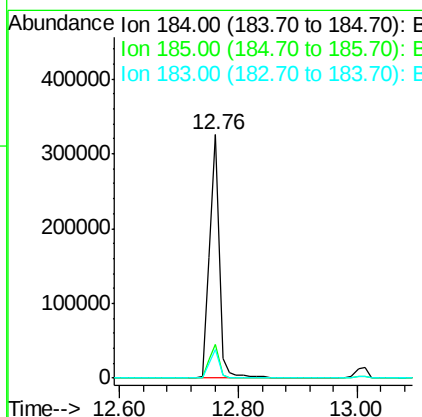
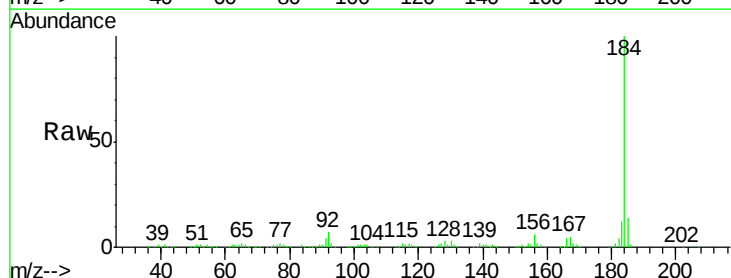
Instrument :
BNA_F
ClientSampleId :
PB96853BS

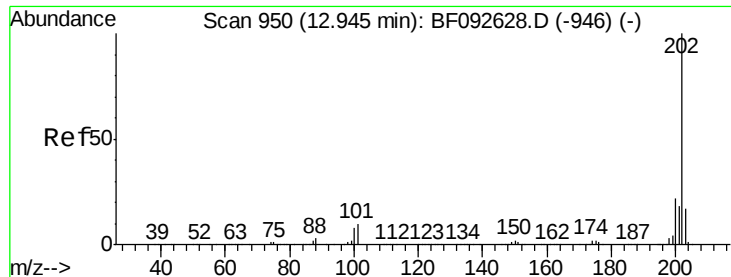
Tgt Ion:240 Resp: 565606
Ion Ratio Lower Upper
240 100
120 10.4 12.9 19.3#
236 25.9 20.9 31.3



#76
Benzidine
Concen: 15.49 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.07 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion:184 Resp: 373328
Ion Ratio Lower Upper
184 100
185 14.1 13.4 20.0
183 12.0 9.2 13.8

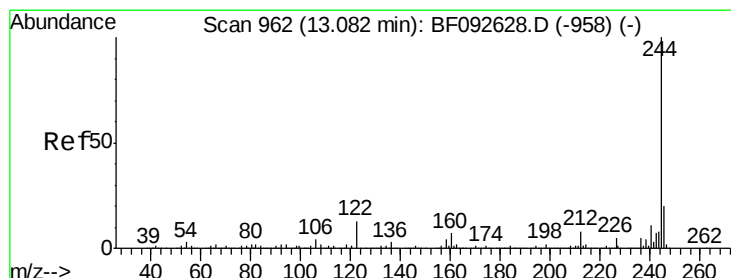
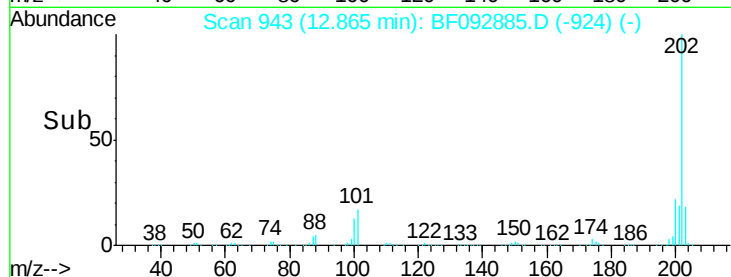
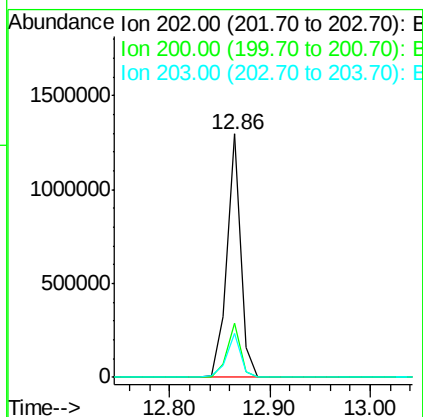
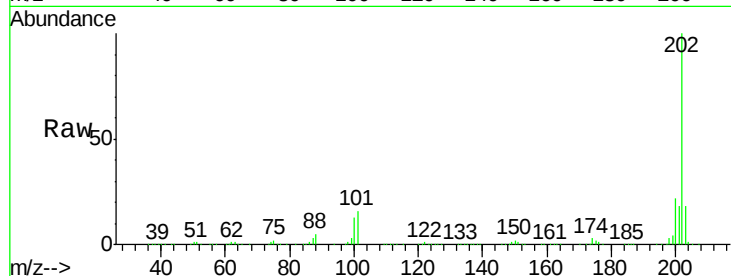




#77
 Pyrene
 Concen: 29.28 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.08 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

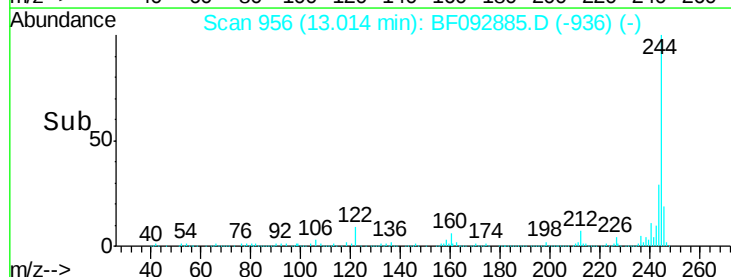
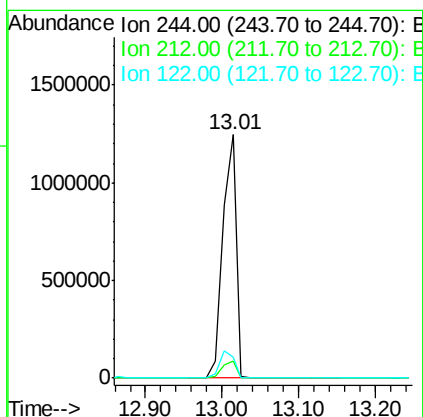
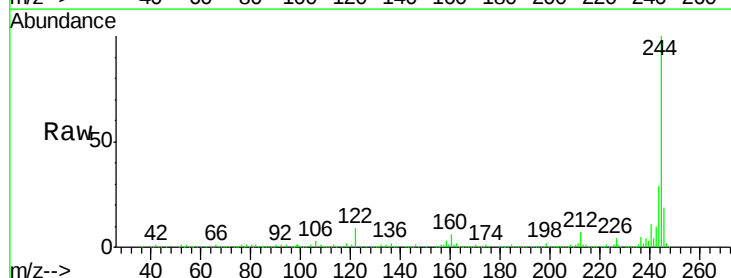
Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

Tgt Ion: 202 Resp: 1239481
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.7 26.5
 203 18.2 14.7 22.1



#78
 Terphenyl-d14
 Concen: 64.03 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.07 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion: 244 Resp: 1541299
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 8.7 11.4 17.2#

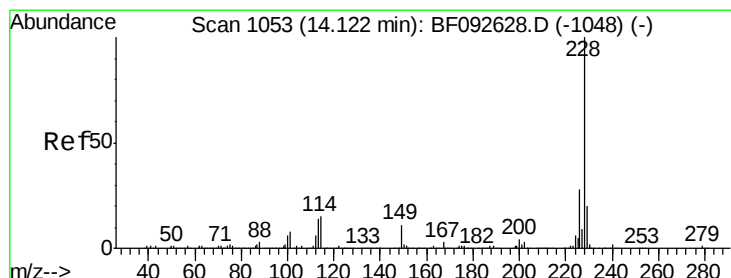
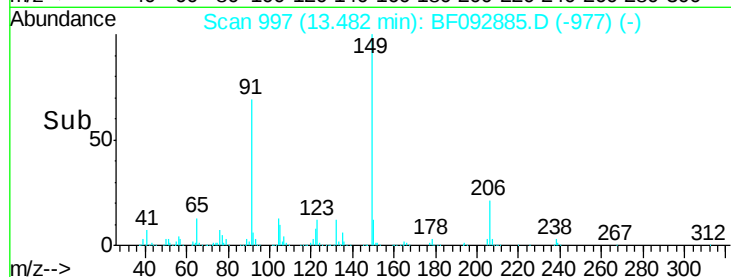
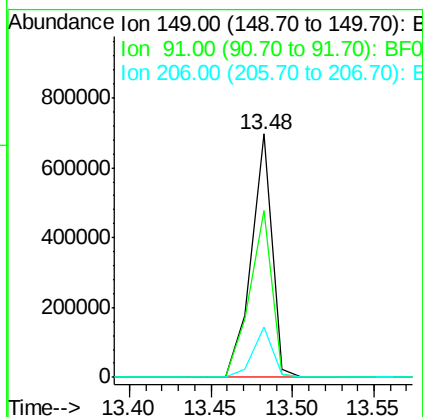
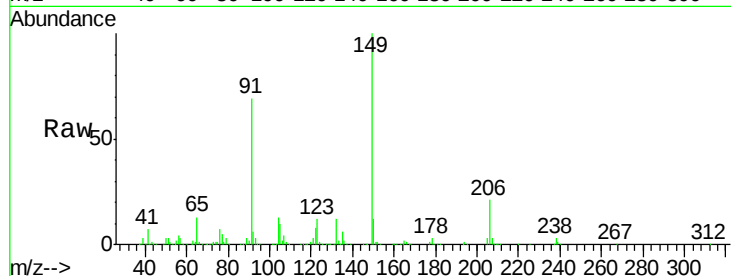




#79
Butylbenzylphthalate
Concen: 36.00 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.07 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

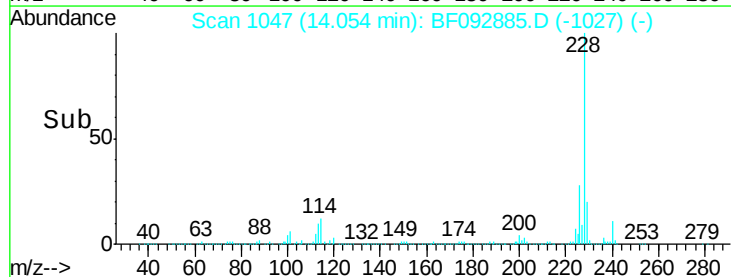
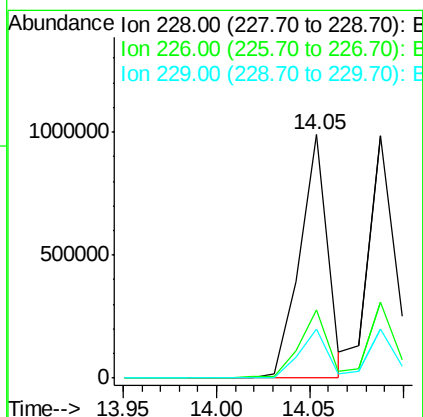
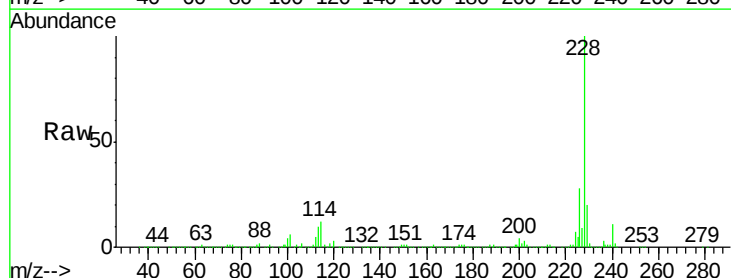
Instrument :
BNA_F
ClientSampleId :
PB96853BS

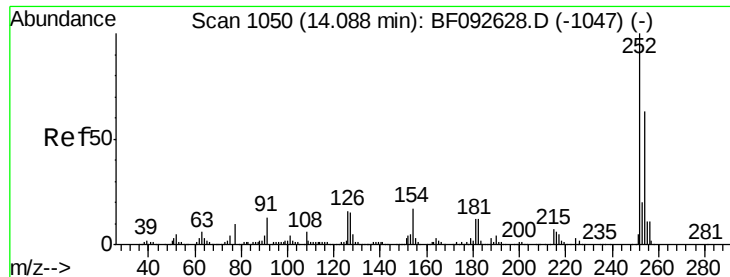
Tgt Ion:149 Resp: 618877
Ion Ratio Lower Upper
149 100
91 68.7 63.9 95.9
206 20.7 14.6 21.8



#80
Benzo(a)anthracene
Concen: 29.87 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.07 min
Lab File: BF092885.D
Acq: 10 Feb 2017 16:18

Tgt Ion:228 Resp: 1033250
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 20.4 16.2 24.4

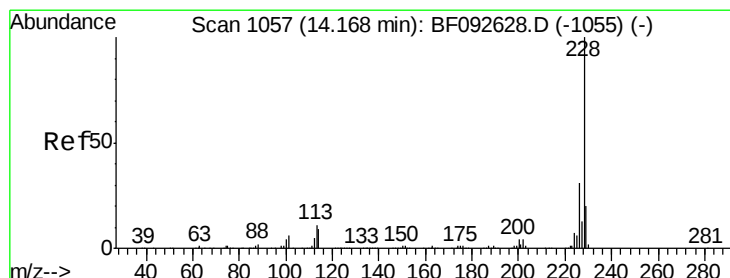
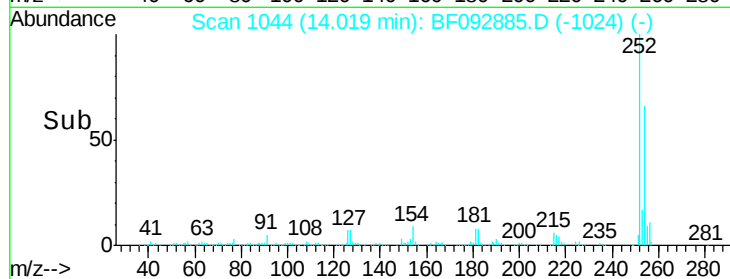
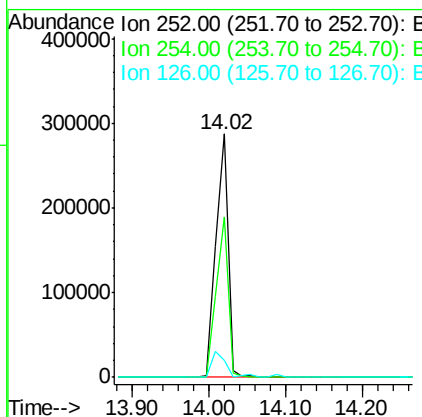
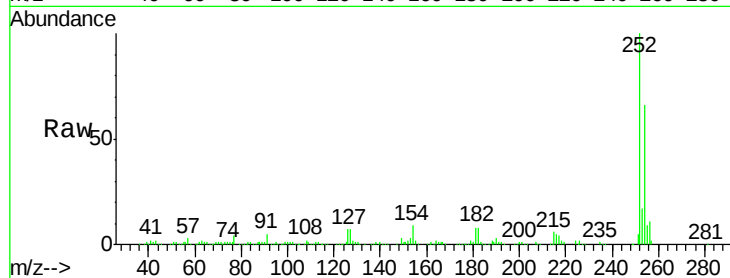




#81
 3,3'-Dichlorobenzidine
 Concen: 25.50 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.07 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

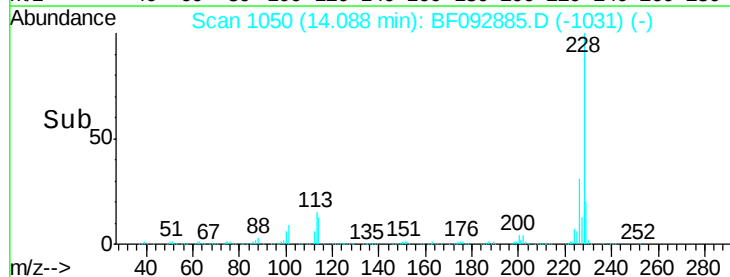
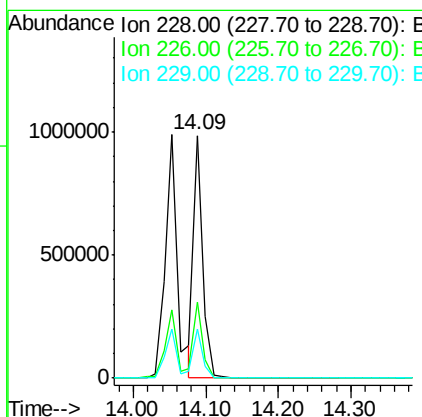
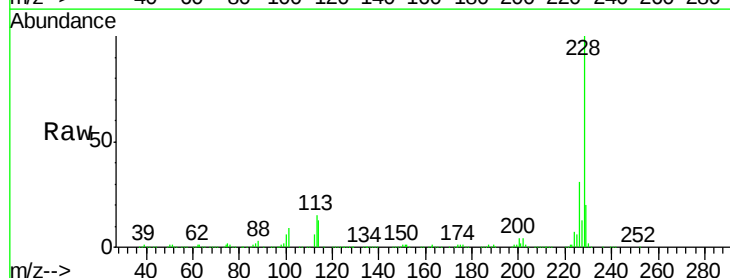
Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

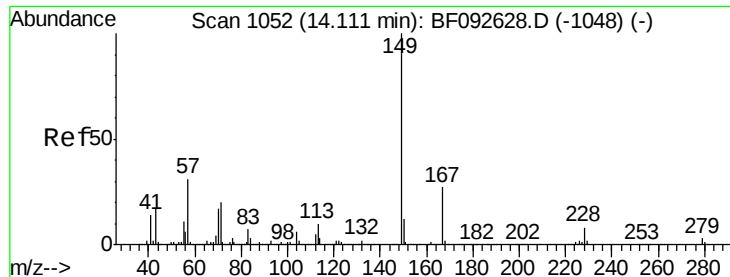
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.3	78.5
126	7.2	13.6	20.4



#82
 Chrysene
 Concen: 26.84 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.08 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	20.1	16.2	24.2

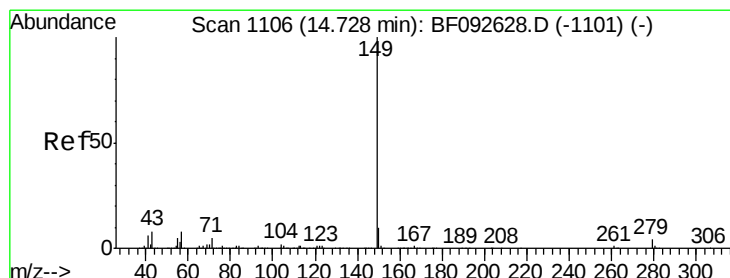
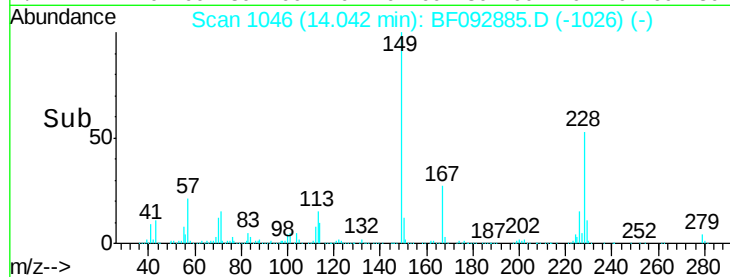
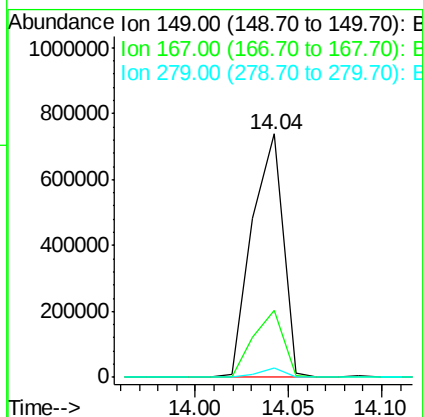
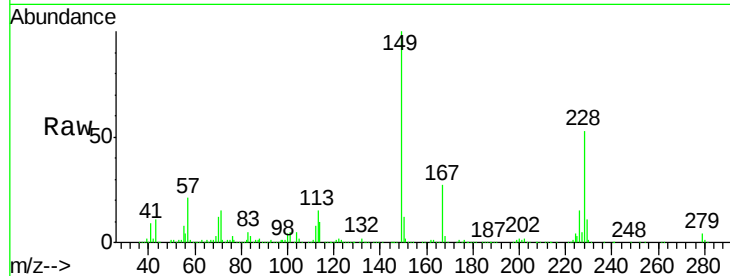




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.42 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.07 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

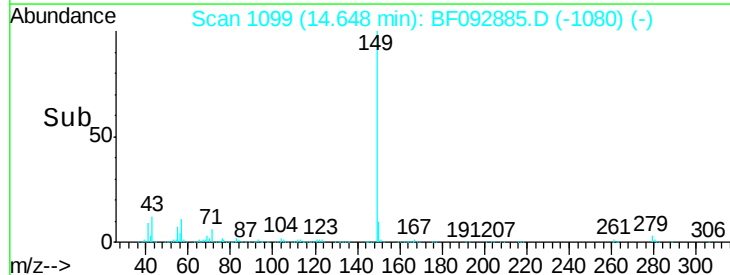
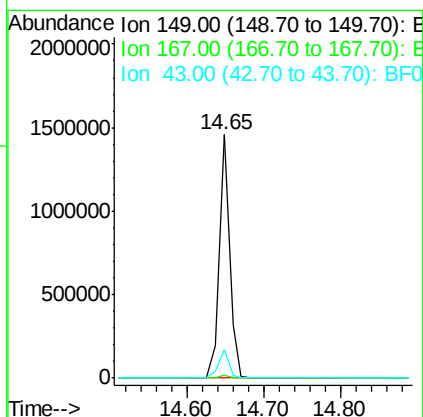
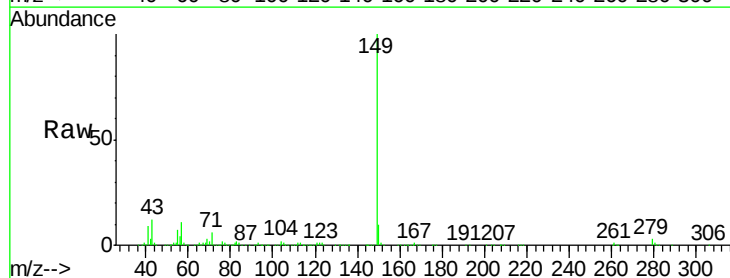
Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

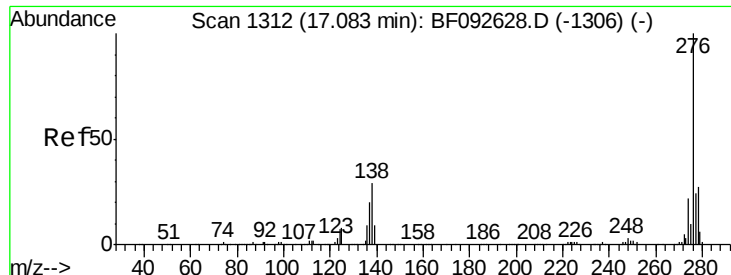
Tgt Ion:149 Resp: 856234
 Ion Ratio Lower Upper
 149 100
 167 27.3 20.2 30.4
 279 4.1 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 35.70 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.08 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion:149 Resp: 1366669
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.7 8.9 13.3

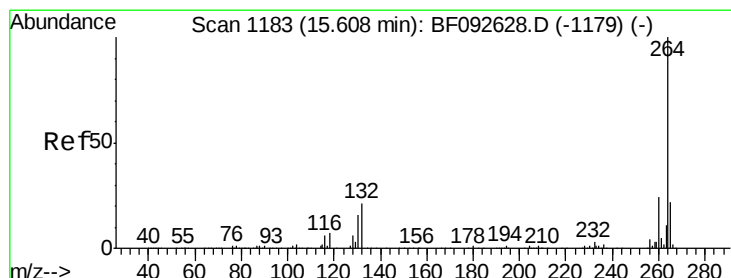
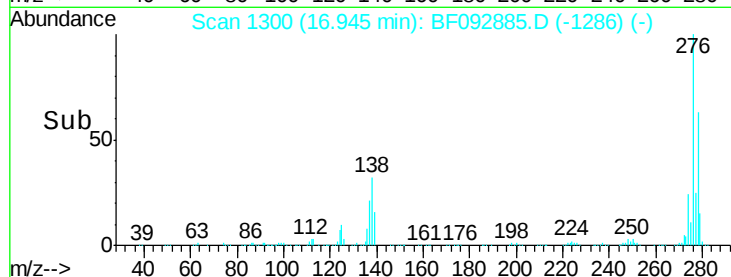
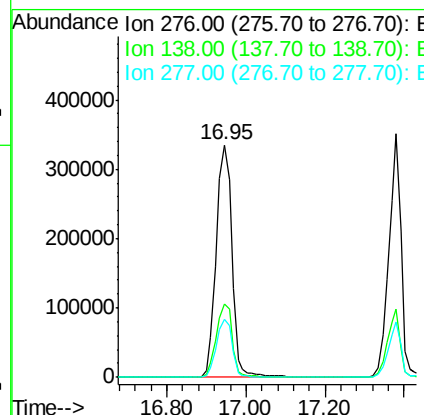
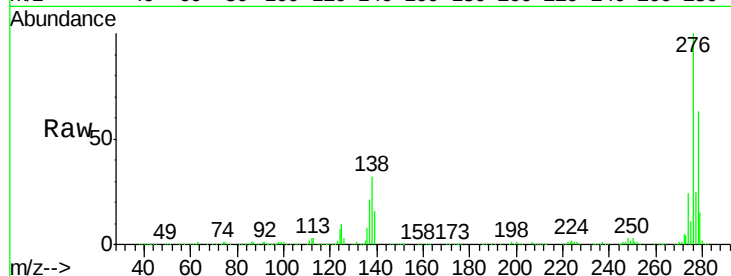




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.66 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. -0.14 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

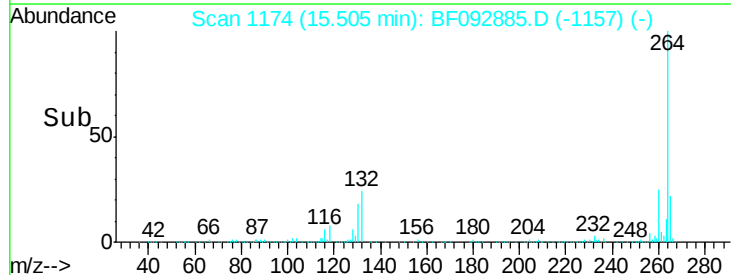
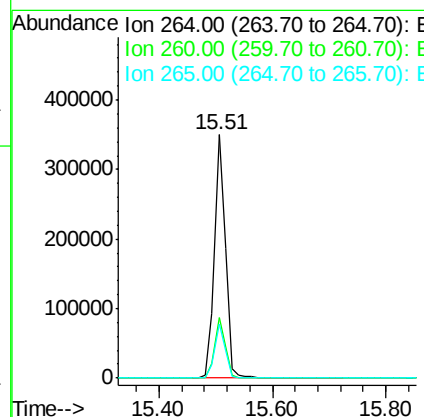
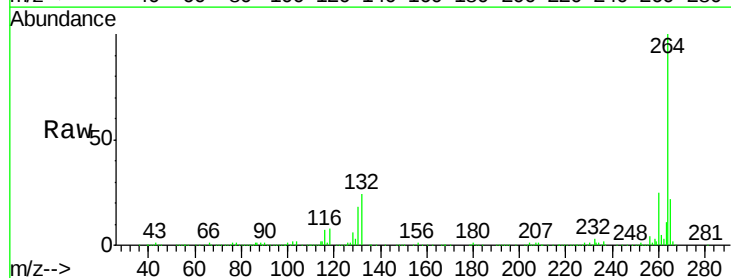
Instrument :
 BNA_F
 ClientSampleId :
 PB96853BS

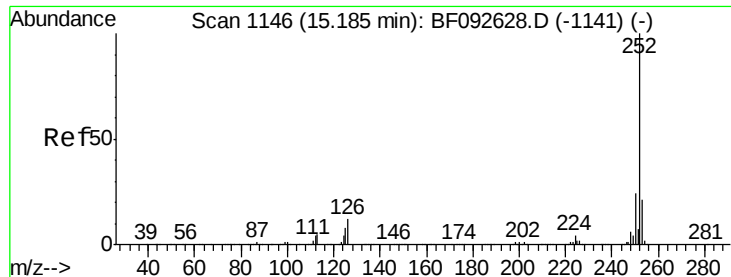
Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.2	21.8	32.6
277	24.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.10 min
 Lab File: BF092885.D
 Acq: 10 Feb 2017 16:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.1	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 36.48 ng

RT: 15.09 min Scan# 1138

Delta R.T. -0.09 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

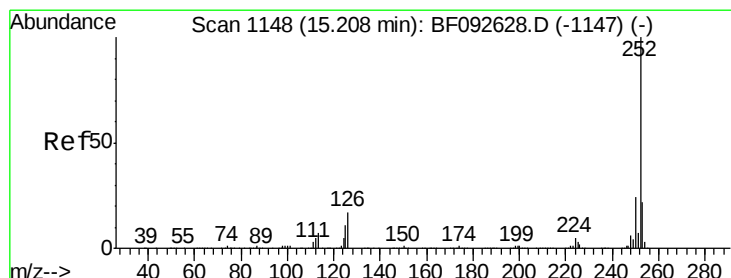
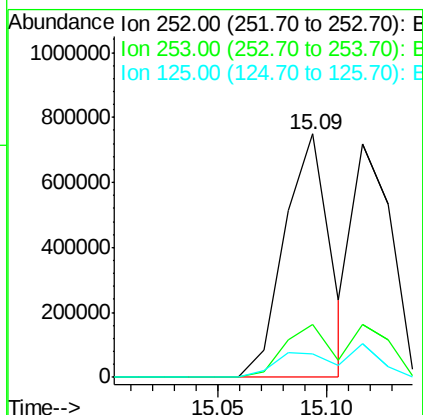
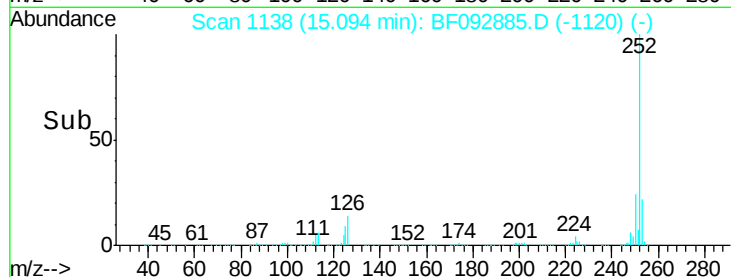
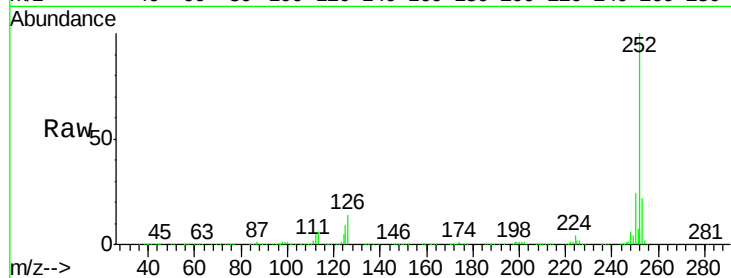
Tgt Ion:252 Resp: 1088263

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.4

125 9.4 9.8 14.6#



#88

Benzo(k)fluoranthene

Concen: 42.25 ng

RT: 15.09 min Scan# 1138

Delta R.T. -0.11 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

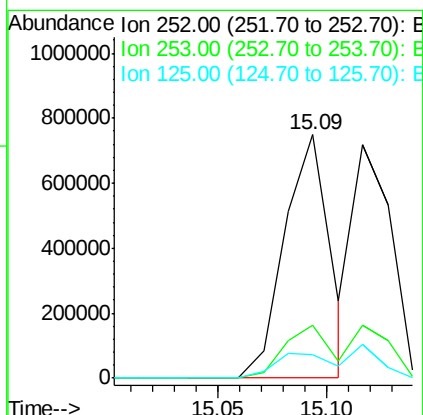
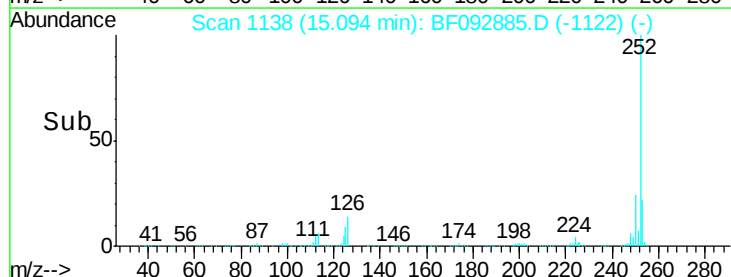
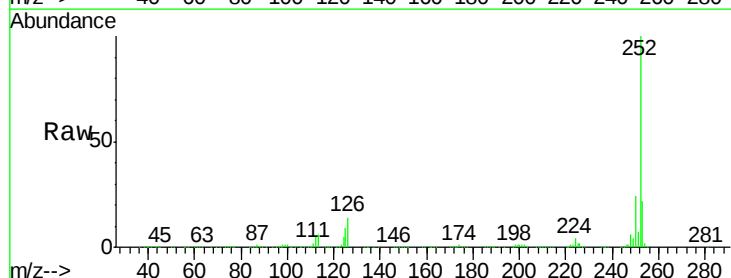
Tgt Ion:252 Resp: 1088263

Ion Ratio Lower Upper

252 100

253 21.7 18.5 27.7

125 9.4 8.9 13.3





#89

Benzo(a)pyrene

Concen: 36.24 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.10 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

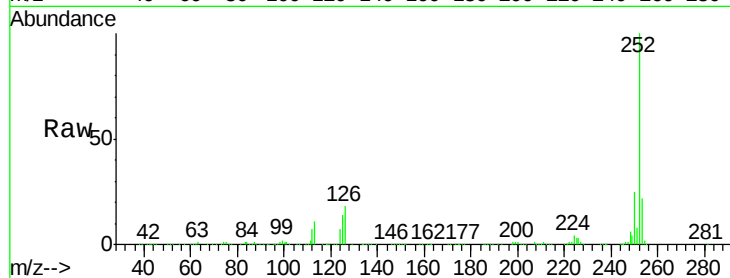
Tgt Ion:252 Resp: 935114

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

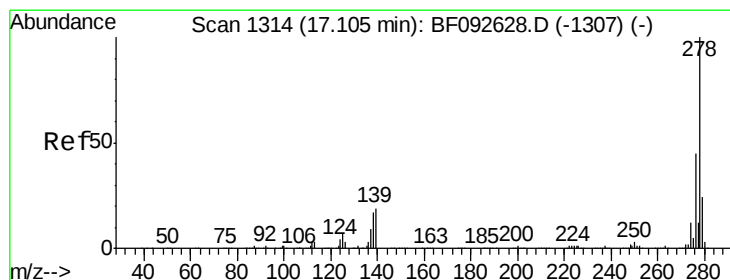
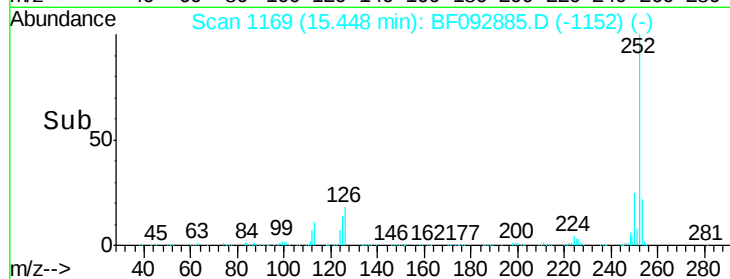
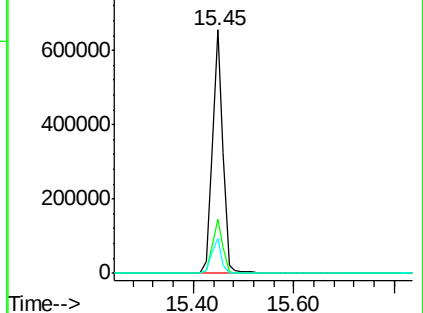
125 14.3 10.0 15.0



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: 37.08 ng

RT: 16.96 min Scan# 1301

Delta R.T. -0.15 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

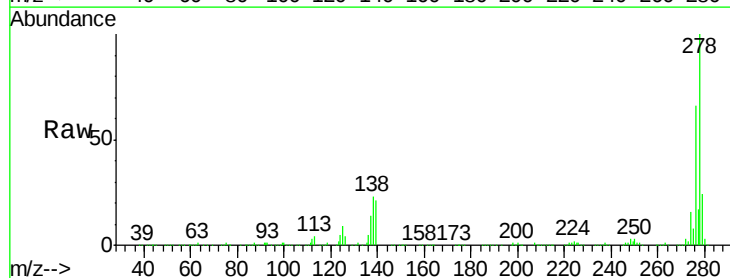
Tgt Ion:278 Resp: 773211

Ion Ratio Lower Upper

278 100

139 20.9 14.8 22.2

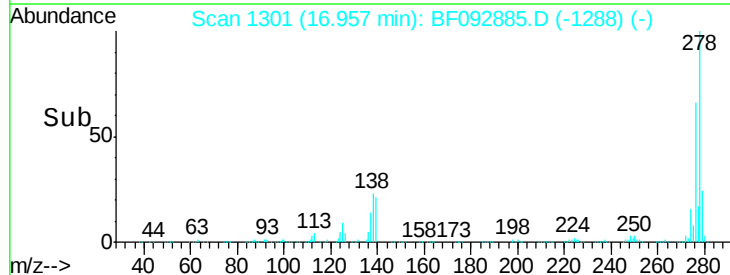
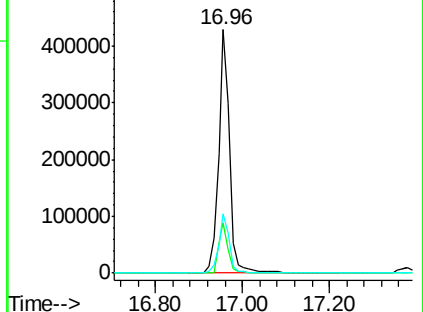
279 24.2 19.8 29.6

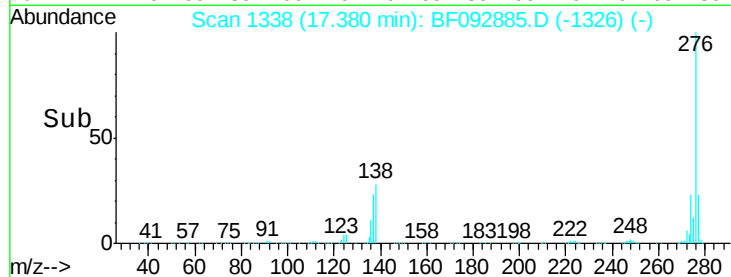
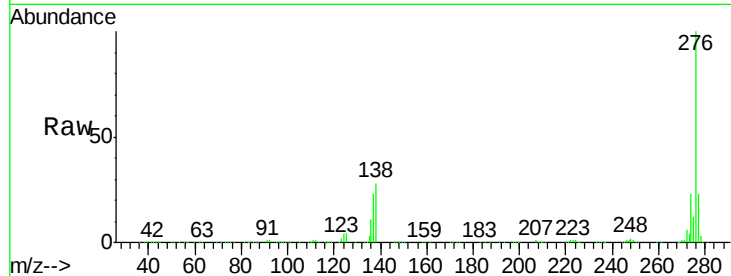
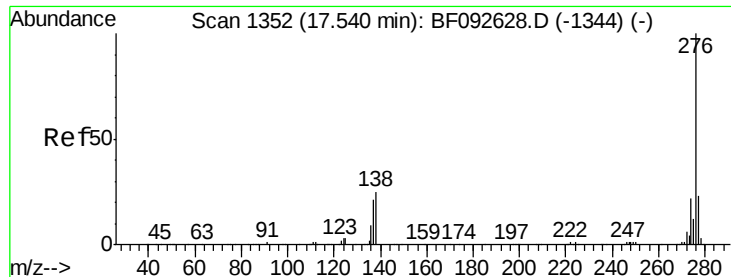


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.24 ng

RT: 17.38 min Scan# 1338

Delta R.T. -0.16 min

Lab File: BF092885.D

Acq: 10 Feb 2017 16:18

Instrument :

BNA_F

ClientSampleId :

PB96853BS

Tgt Ion: 276 Resp: 763400

Ion Ratio Lower Upper

276 100

277 23.0 19.2 28.8

138 27.8 16.0 24.0#

