

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092889.D
 Acq On : 10 Feb 2017 18:07
 Operator : SJ/MA
 Sample : PB96841BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

Quant Time: Feb 10 23:05:23 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	163489	20.00	ng	-0.07
21) Naphthalene-d8	8.18	136	655086	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	389894	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	633762	20.00	ng	-0.07
75) Chrysene-d12	14.07	240	524158	20.00	ng	-0.08
86) Perylene-d12	15.51	264	428407	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	792436	83.16	ng	-0.07
7) Phenol-d6	6.53	99	934021	76.18	ng	-0.07
23) Nitrobenzene-d5	7.46	82	894951	76.08	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	200704	71.17	ng	-0.08
44) 2-Fluorobiphenyl	9.26	172	1698373	78.92	ng	-0.07
78) Terphenyl-d14	13.01	244	1460520	65.47	ng	-0.07

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.59	88	171698	33.34	ng	# 83
3) Pyridine	3.31	79	505022	38.57	ng	86
4) n-Nitrosodimethylamine	3.28	42	237886	38.69	ng	86
6) Aniline	6.56	93	200436	11.98	ng	# 64
8) 2-Chlorophenol	6.68	128	433886	41.27	ng	97
9) Benzaldehyde	6.44	77	157886	17.97	ng	97
10) Phenol	6.54	94	482929	33.66	ng	78
11) bis(2-Chloroethyl)ether	6.64	93	436579	38.13	ng	95
12) 1,3-Dichlorobenzene	7.07	146	450250	36.57	ng	97
13) 1,4-Dichlorobenzene	6.91	146	483518	38.80	ng	97
14) 1,2-Dichlorobenzene	7.07	146	451162	37.86	ng	95
15) Benzyl Alcohol	7.04	79	360178	39.68	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	753173	37.86	ng	94
17) 2-Methylphenol	7.16	107	382900	42.45	ng	95
18) Hexachloroethane	7.40	117	160333	37.69	ng	# 86
19) n-Nitroso-di-n-propylamine	7.31	70	289059	37.03	ng	96
20) 3+4-Methylphenols	7.31	107	429553	39.83	ng	# 82
22) Acetophenone	7.31	105	552742	36.96	ng	# 93
24) Nitrobenzene	7.48	77	466438	38.61	ng	96
25) Isophorone	7.72	82	850556	38.80	ng	98
26) 2-Nitrophenol	7.80	139	258301	44.99	ng	# 86
27) 2,4-Dimethylphenol	7.84	122	401692	39.83	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	558533	38.47	ng	98
29) 2,4-Dichlorophenol	8.04	162	373336	39.70	ng	92
30) 1,2,4-Trichlorobenzene	8.12	180	381482	37.64	ng	96
31) Naphthalene	8.20	128	1155079	34.78	ng	99
32) Benzoic acid	7.97	122	186353	34.91	ng	99
33) 4-Chloroaniline	8.26	127	92150	7.08	ng	94
34) Hexachlorobutadiene	8.32	225	204005	36.59	ng	99
35) Caprolactam	8.62	113	88992	30.08	ng	# 30
36) 4-Chloro-3-methylphenol	8.75	107	420737	42.91	ng	94
37) 2-Methylnaphthalene	8.90	142	873510	40.97	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	356066	32.53	ng	99
40) Hexachlorocyclopentadiene	9.05	237	309437	62.67	ng	96

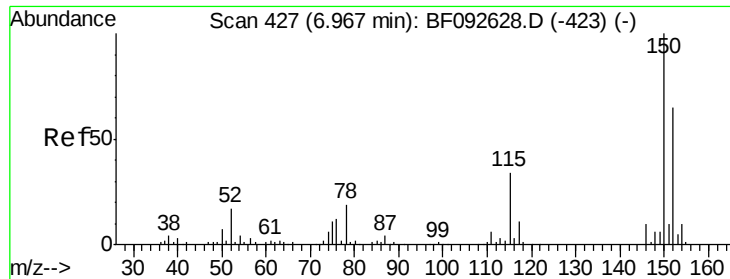
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	268089	37.28	ng	91
43) 2,4,5-Trichlorophenol	9.22	196	270295	34.30	ng	92
45) 1,1'-Biphenyl	9.36	154	955269	33.84	ng	96
46) 2-Chloronaphthalene	9.39	162	826727	37.43	ng	96
47) 2-Nitroaniline	9.48	65	234791	31.62	ng	99
48) Acenaphthylene	9.80	152	1273665	33.38	ng	98
49) Dimethylphthalate	9.66	163	928237	35.35	ng	99
50) 2,6-Dinitrotoluene	9.72	165	210253	37.07	ng	# 73
51) Acenaphthene	9.97	154	783362	34.34	ng	97
52) 3-Nitroaniline	9.89	138	71032	10.94	ng	91
53) 2,4-Dinitrophenol	10.01	184	195166	68.38	ng	# 88
54) Dibenzofuran	10.14	168	1092141	35.80	ng	95
55) 4-Nitrophenol	10.08	139	349746	74.82	ng	# 63
56) 2,4-Dinitrotoluene	10.13	165	286360	37.92	ng	91
57) Fluorene	10.49	166	834468	35.55	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.27	232	212535	40.43	ng	95
59) Diethylphthalate	10.36	149	904771	36.56	ng	98
60) 4-Chlorophenyl-phenylether	10.48	204	365688	32.43	ng	93
61) 4-Nitroaniline	10.51	138	189104	28.45	ng	93
62) Azobenzene	10.64	77	960918	37.58	ng	97
64) 4,6-Dinitro-2-methylphenol	10.54	198	134834	35.68	ng	89
65) n-Nitrosodiphenylamine	10.60	169	791048	39.07	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	234512	35.42	ng	97
67) Hexachlorobenzene	11.04	284	244957	37.44	ng	98
68) Atrazine	11.13	200	230568	35.49	ng	99
69) Pentachlorophenol	11.23	266	247686	73.93	ng	97
70) Phenanthrene	11.45	178	1198482	33.01	ng	99
71) Anthracene	11.50	178	1384472	37.97	ng	98
72) Carbazole	11.65	167	1091592	31.32	ng	98
73) Di-n-butylphthalate	11.98	149	1455112	38.60	ng	# 97
74) Fluoranthene	12.64	202	1262162	33.70	ng	97
76) Benzidine	12.76	184	280351	12.55	ng	96
77) Pyrene	12.86	202	1255927	32.02	ng	99
79) Butylbenzylphthalate	13.48	149	625166	39.25	ng	88
80) Benzo(a)anthracene	14.05	228	1038146	32.38	ng	100
81) 3,3'-Dichlorobenzidine	14.02	252	204931	17.93	ng	# 95
82) Chrysene	14.09	228	854192	28.46	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	819410	37.61	ng	# 95
84) Di-n-octyl phthalate	14.65	149	1394054	39.30	ng	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	887994	38.19	ng	95
87) Benzo(b)fluoranthene	15.09	252	1078930	38.26	ng	# 96
88) Benzo(k)fluoranthene	15.09	252	1078930	44.32	ng	96
89) Benzo(a)pyrene	15.45	252	912483	37.41	ng	98
90) Dibenzo(a,h)anthracene	16.96	278	749948	38.04	ng	98
91) Benzo(g,h,i)perylene	17.38	276	741509	37.23	ng	# 92

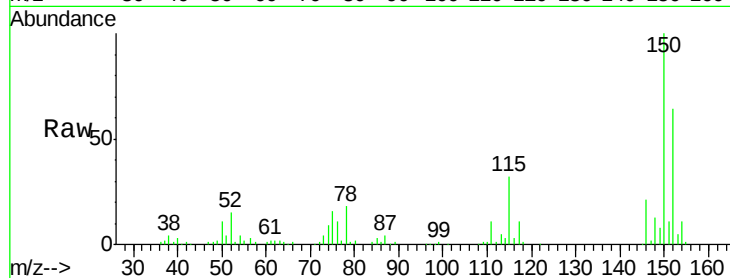
(#) = qualifier out of range (m) = manual integration (+) = signals summed



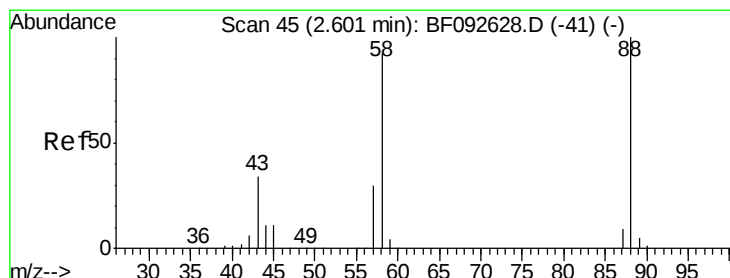
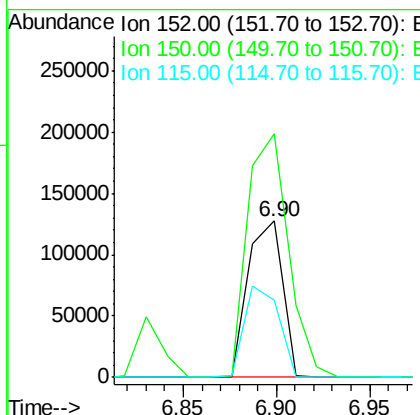
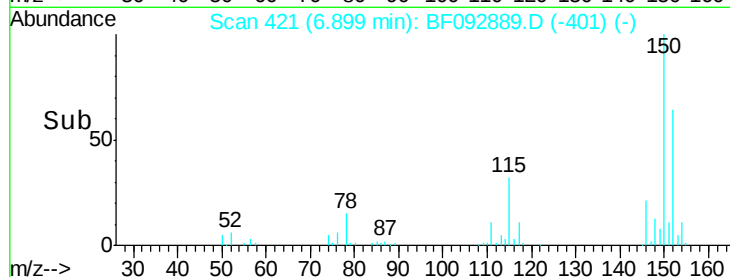
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.07 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

Tgt Ion:152 Resp: 163489
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.9 187.3
 115 49.5 46.0 69.0

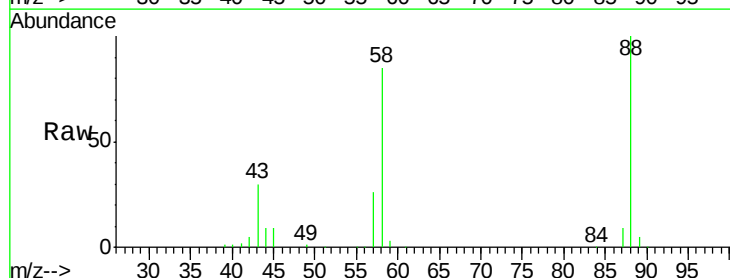


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

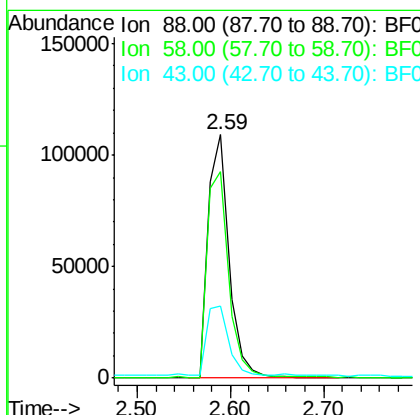
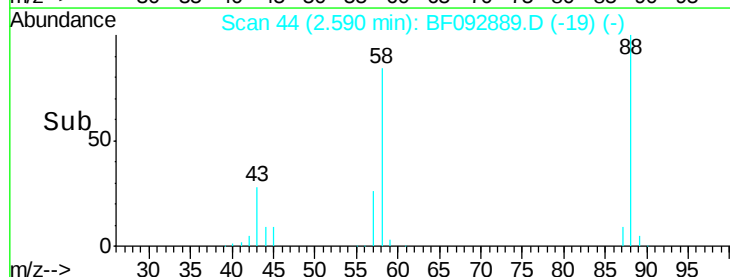


#2
 1,4-Dioxane
 Concen: 33.34 ng
 RT: 2.59 min Scan# 44
 Delta R.T. -0.01 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion: 88 Resp: 171698
 Ion Ratio Lower Upper
 88 100
 58 89.8 57.8 86.8#
 43 31.0 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: 38.57 ng

RT: 3.31 min Scan# 107

Delta R.T. -0.06 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB96841BS

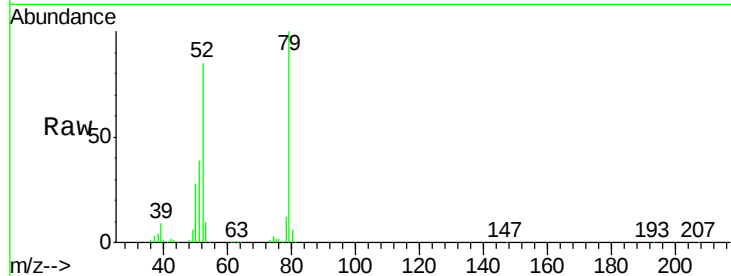
Tgt Ion: 79 Resp: 505022

Ion Ratio Lower Upper

79 100

52 85.4 57.1 85.7

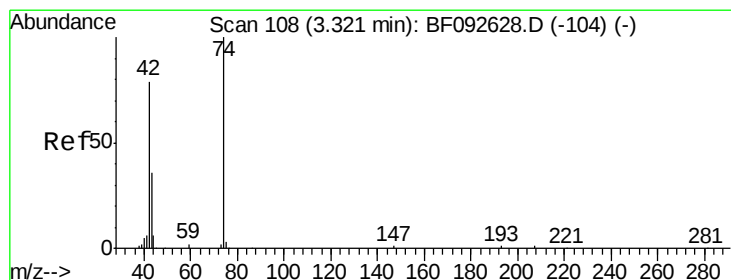
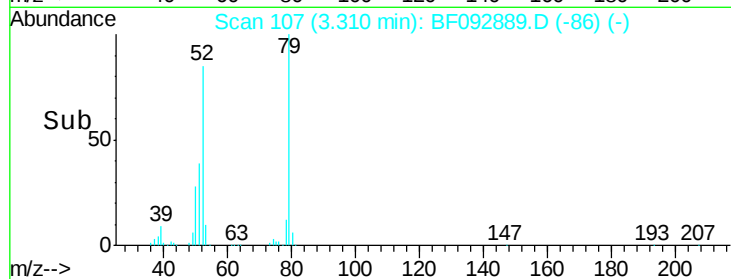
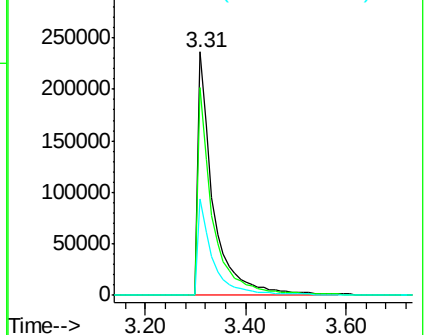
51 39.3 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.69 ng

RT: 3.28 min Scan# 104

Delta R.T. -0.05 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

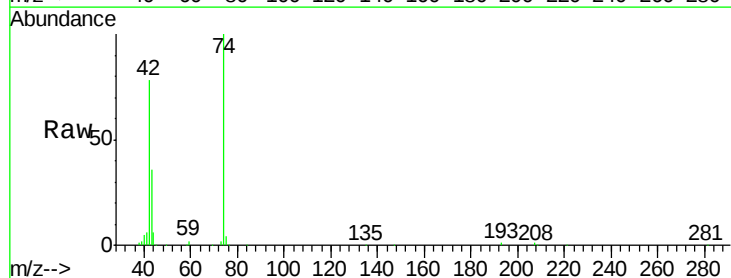
Tgt Ion: 42 Resp: 237886

Ion Ratio Lower Upper

42 100

74 128.1 117.0 175.4

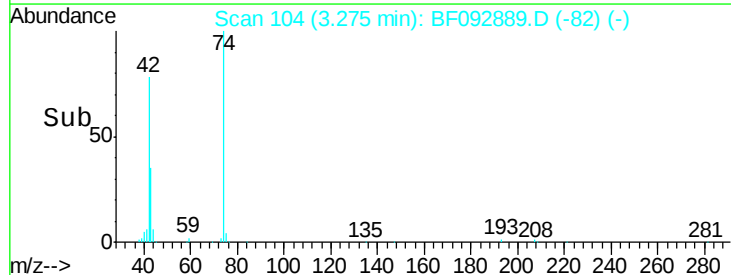
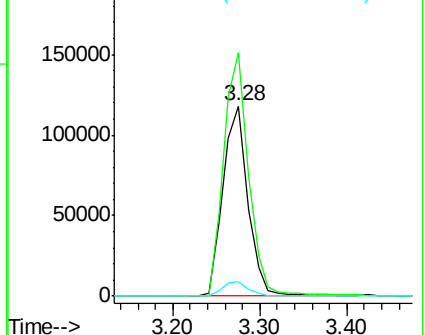
44 7.9 5.5 8.3

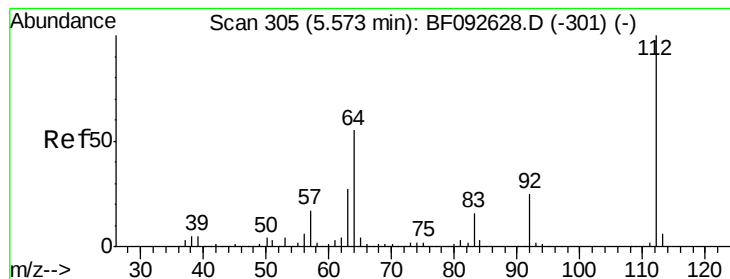


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.16 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB96841BS

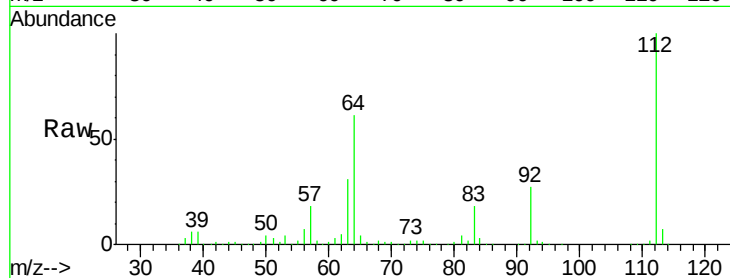
Tgt Ion: 112 Resp: 792436

Ion Ratio Lower Upper

112 100

64 60.8 46.1 69.1

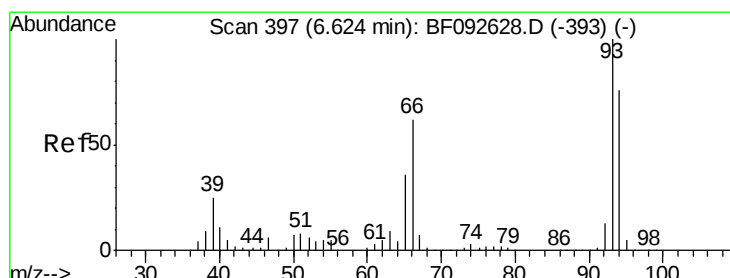
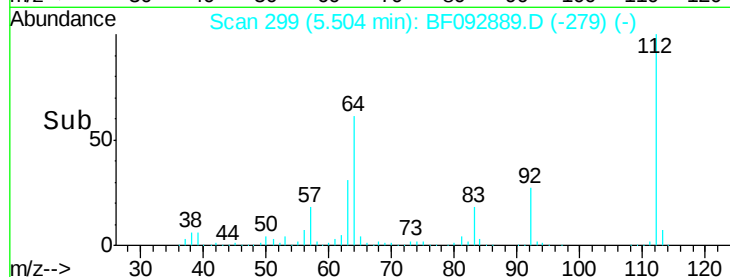
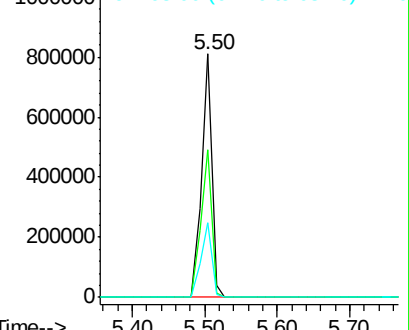
63 30.5 23.8 35.6



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: 11.98 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

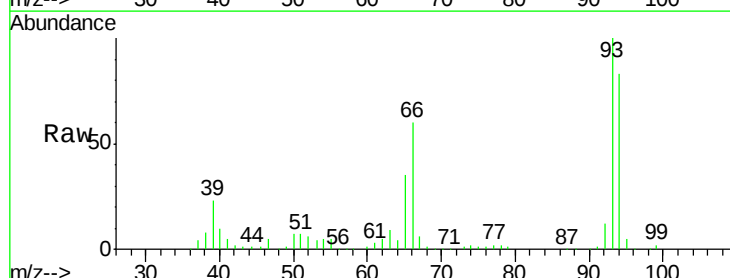
Tgt Ion: 93 Resp: 200436

Ion Ratio Lower Upper

93 100

66 60.3 76.2 114.2#

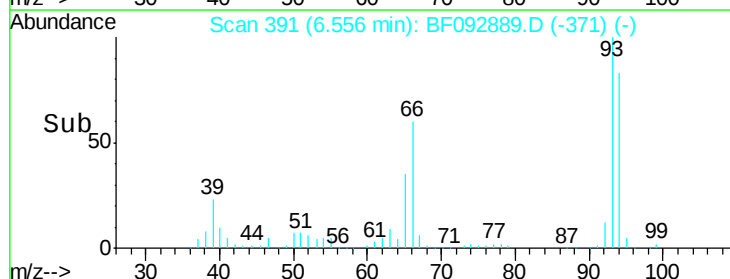
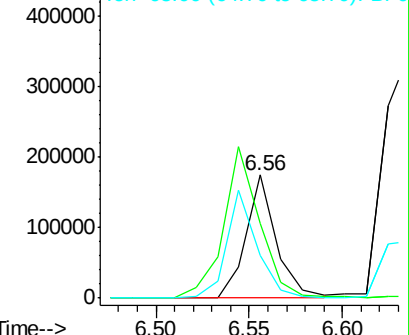
65 34.5 49.3 73.9#

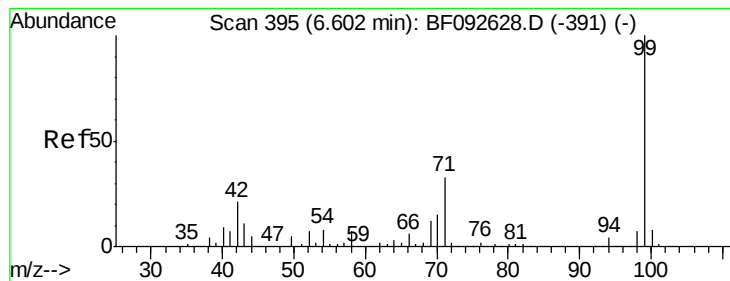


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.18 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.07 min

Lab File: BF092889.D

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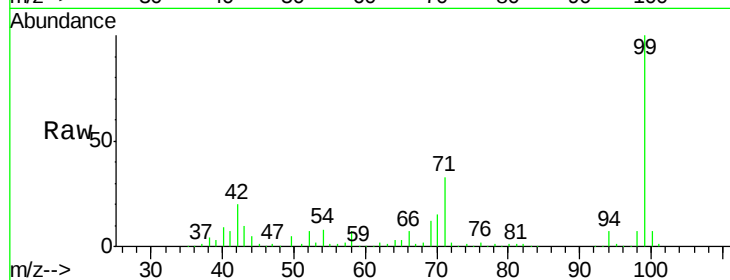
Tgt Ion: 99 Resp: 934021

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

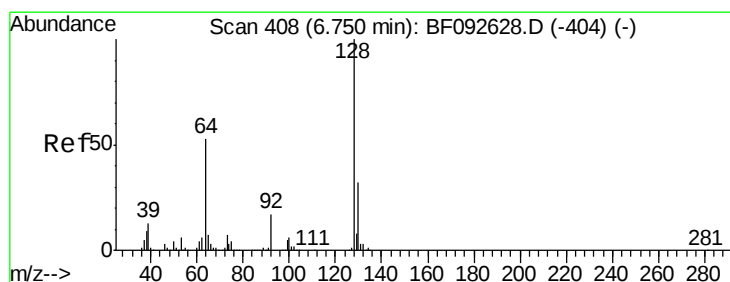
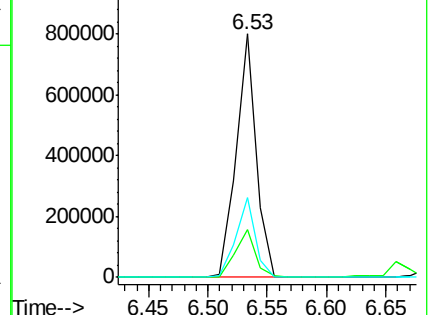
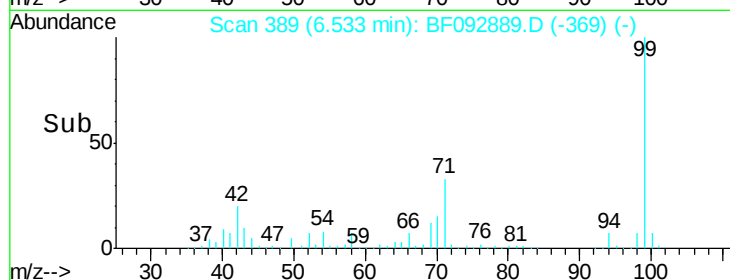
71 32.8 27.5 41.3



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: 41.27 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

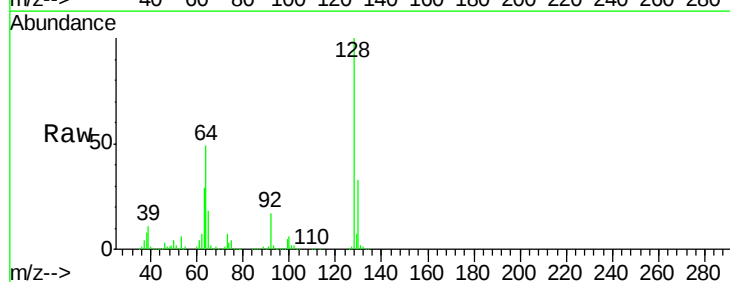
Tgt Ion: 128 Resp: 433886

Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

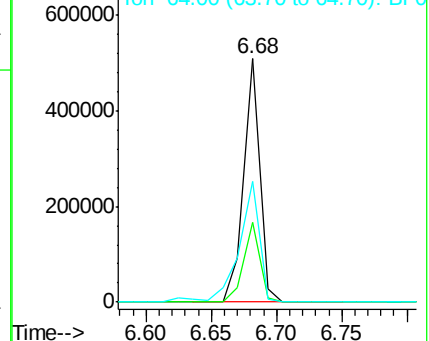
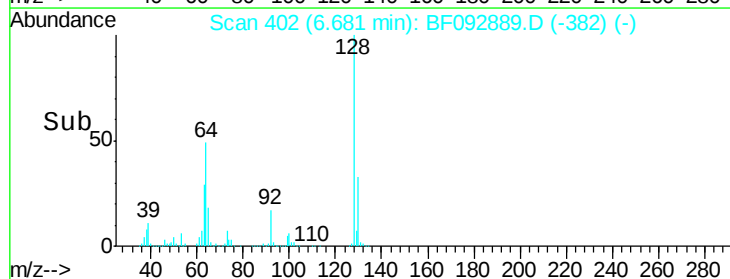
64 49.5 32.2 72.2

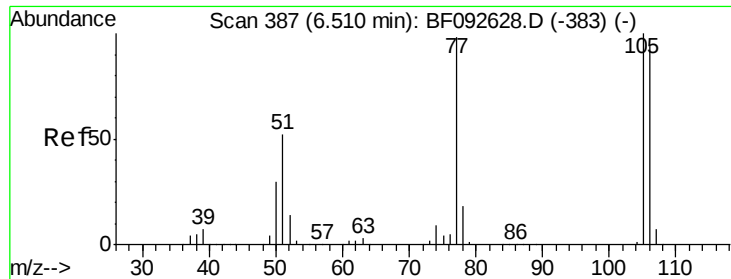


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.97 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

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ClientSampleId :

PB96841BS

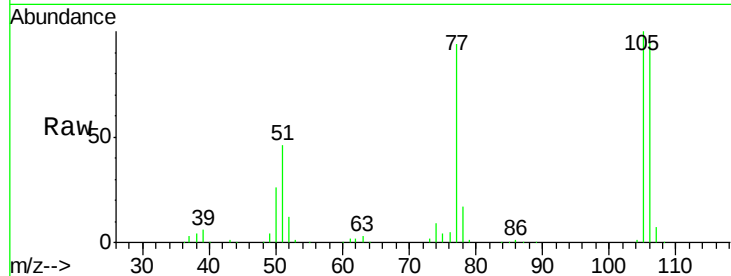
Tgt Ion: 77 Resp: 157886

Ion Ratio Lower Upper

77 100

105 106.2 83.9 123.9

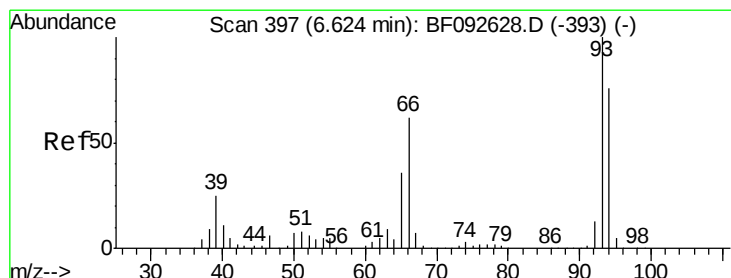
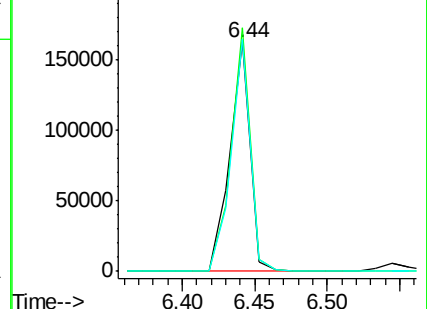
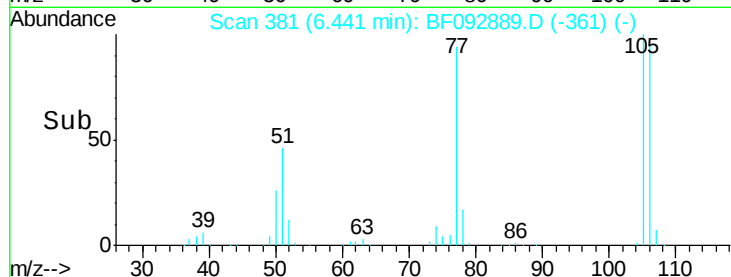
106 101.1 77.6 117.6



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: 33.66 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.08 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

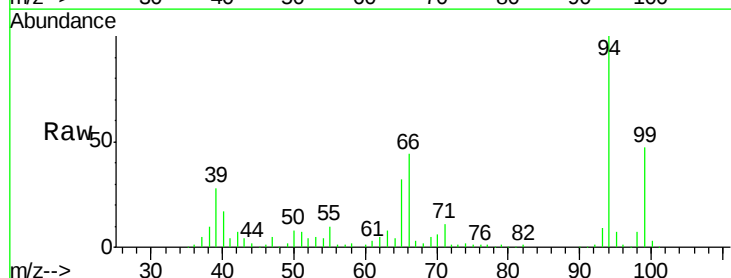
Tgt Ion: 94 Resp: 482929

Ion Ratio Lower Upper

94 100

65 31.6 21.4 61.4

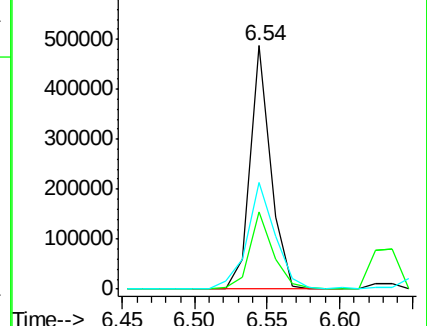
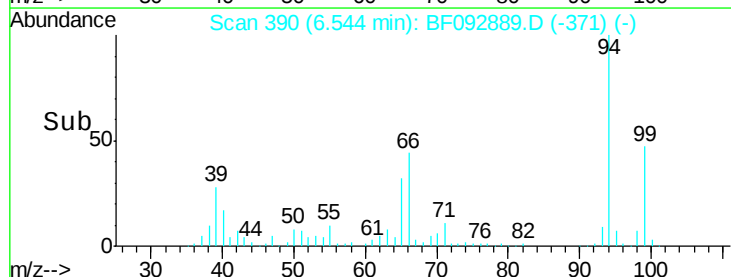
66 44.1 44.0 84.0



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

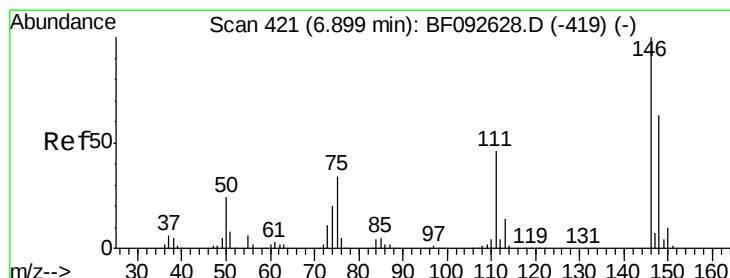
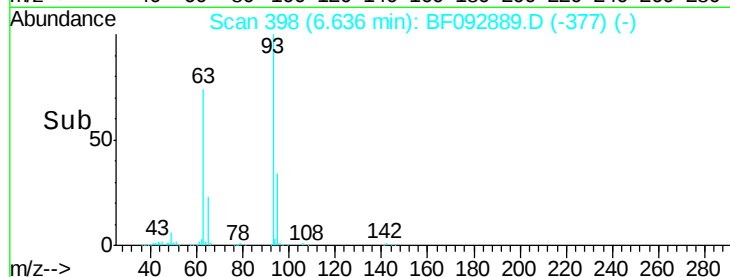
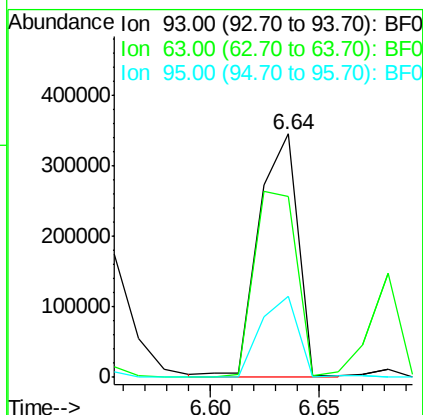
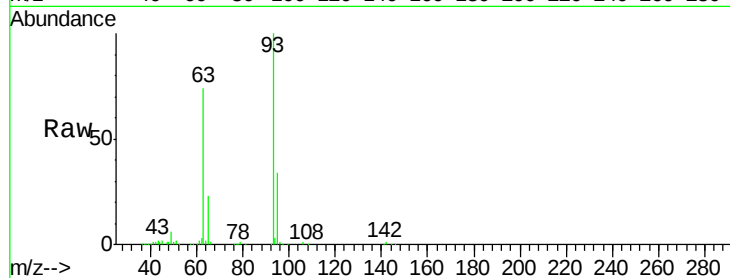




#11
bis(2-Chloroethyl)ether
Concen: 38.13 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.06 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

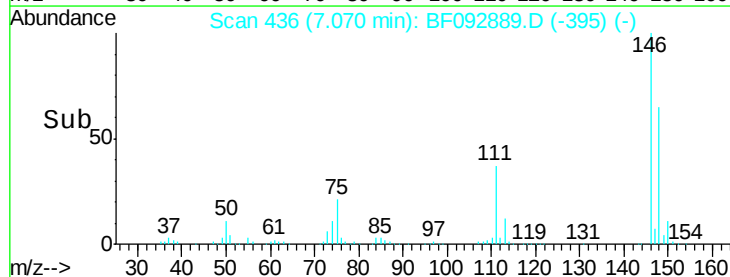
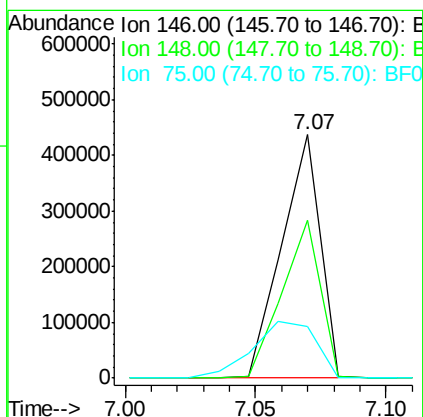
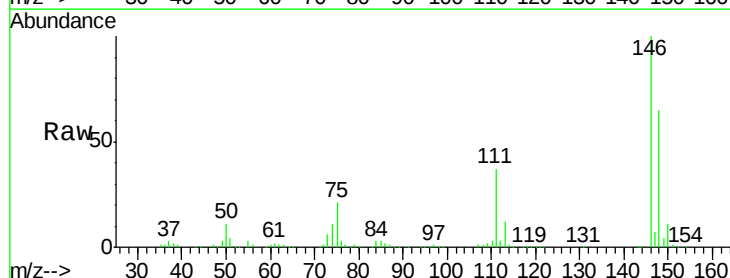
Instrument :
BNA_F
ClientSampleId :
PB96841BS

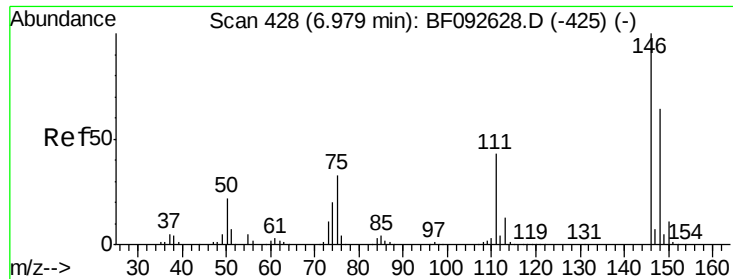
Tgt Ion: 93 Resp: 436579
Ion Ratio Lower Upper
93 100
63 74.3 60.4 100.4
95 33.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 36.57 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.17 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion: 146 Resp: 450250
Ion Ratio Lower Upper
146 100
148 64.9 53.4 80.0
75 21.3 18.5 27.7

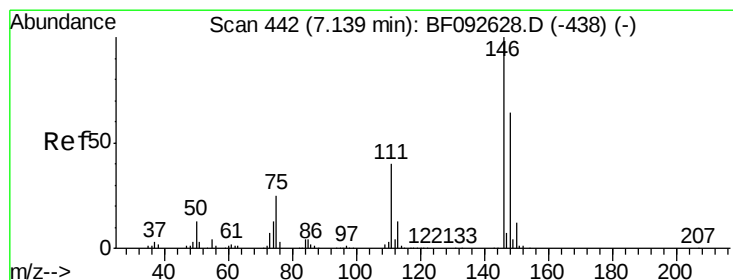
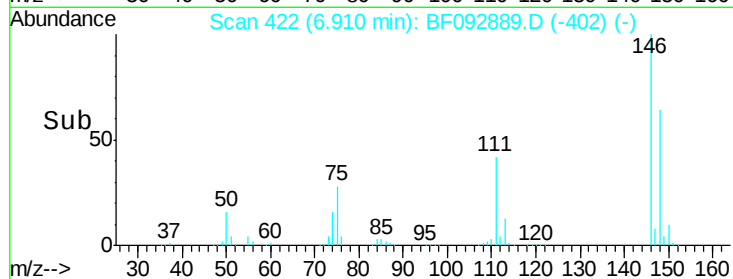
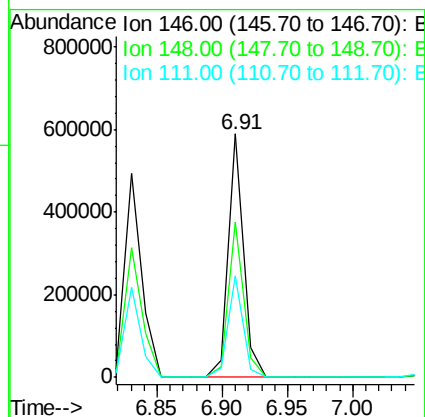
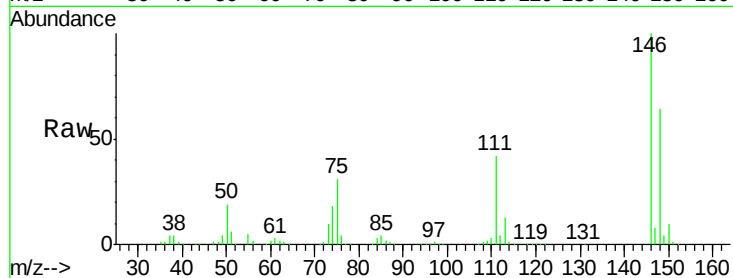




#13
 1,4-Dichlorobenzene
 Concen: 38.80 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.07 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

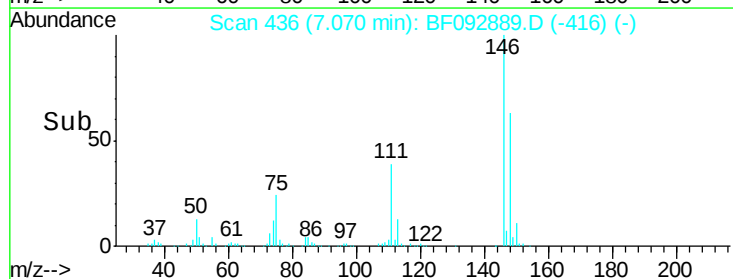
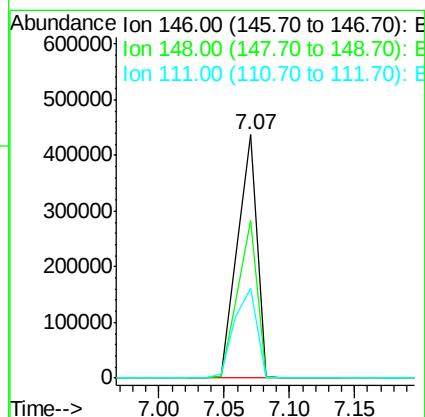
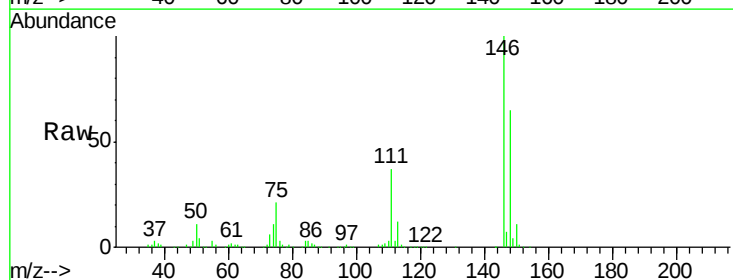
Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

Tgt Ion:146 Resp: 483518
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 76.0
 111 41.6 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 37.86 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.07 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion:146 Resp: 451162
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.2
 111 36.8 36.2 54.2





#15

Benzyl Alcohol

Concen: 39.68 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB96841BS

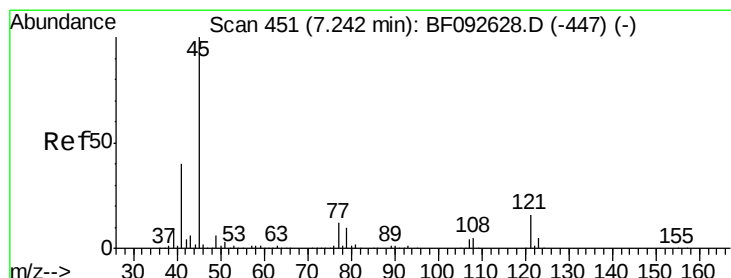
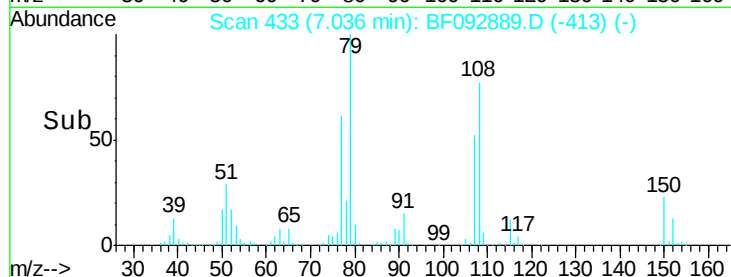
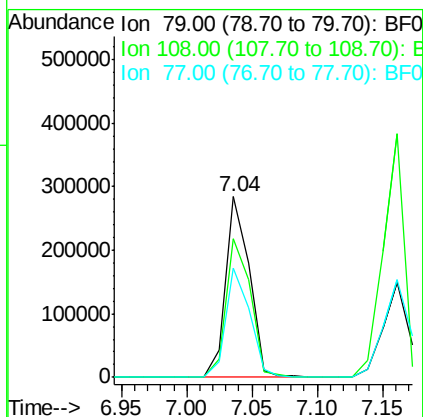
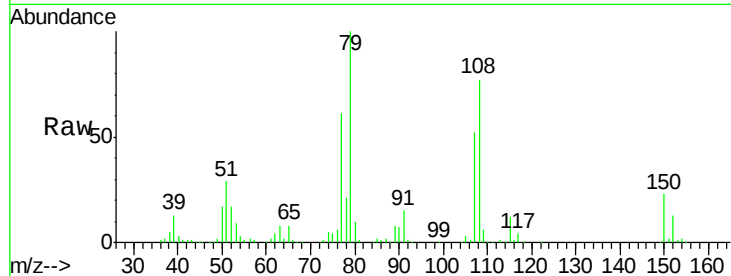
Tgt Ion: 79 Resp: 360178

Ion Ratio Lower Upper

79 100

108 76.6 61.4 92.0

77 60.8 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.86 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

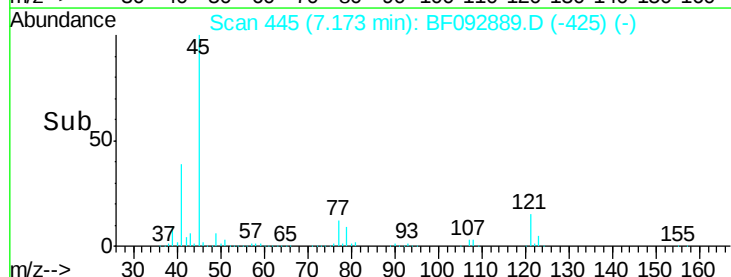
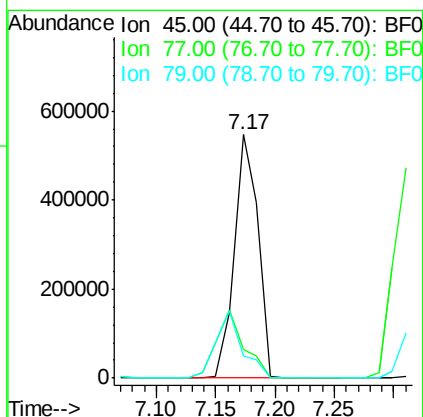
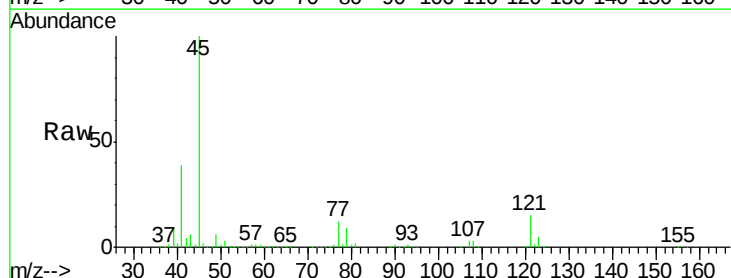
Tgt Ion: 45 Resp: 753173

Ion Ratio Lower Upper

45 100

77 11.8 0.0 34.6

79 9.2 0.0 31.2

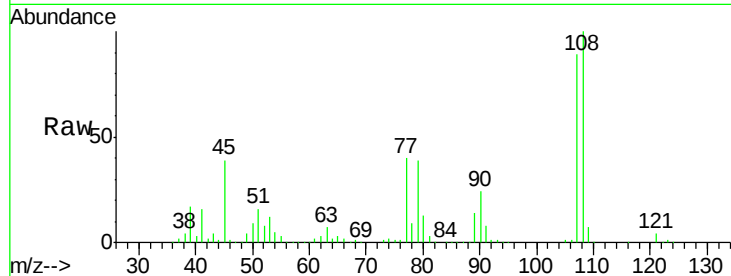




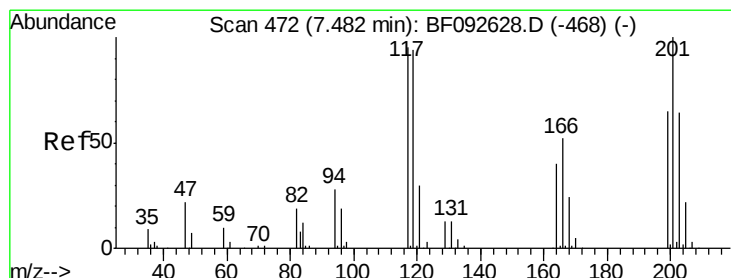
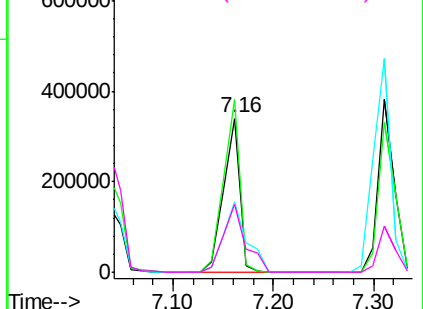
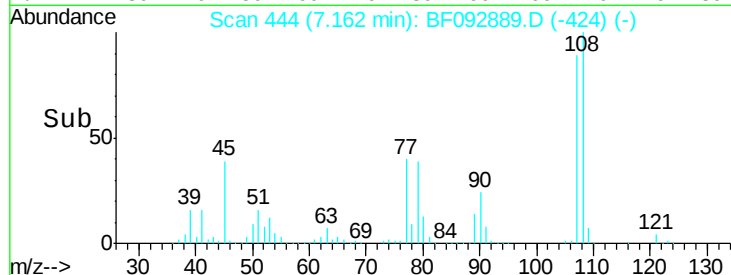
#17
2-Methylphenol
Concen: 42.45 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.07 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Instrument :
BNA_F
ClientSampleId :
PB96841BS

Tgt Ion:107 Resp: 382900
Ion Ratio Lower Upper
107 100
108 112.6 93.0 139.6
77 45.3 39.8 59.8
79 44.0 38.0 57.0

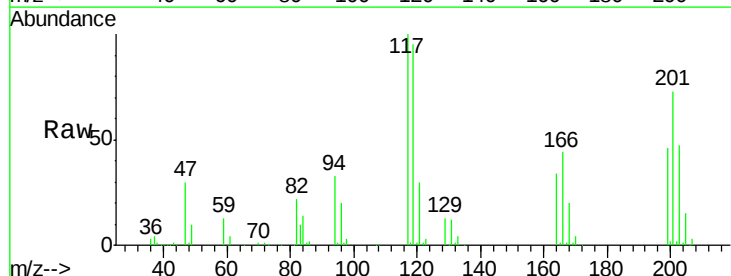


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

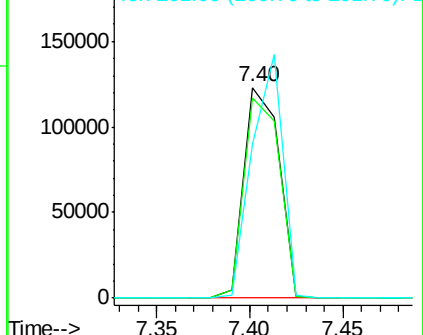
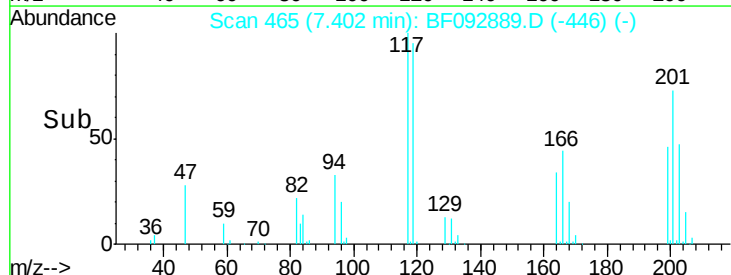


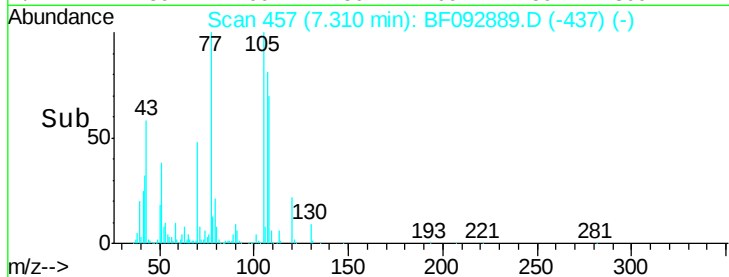
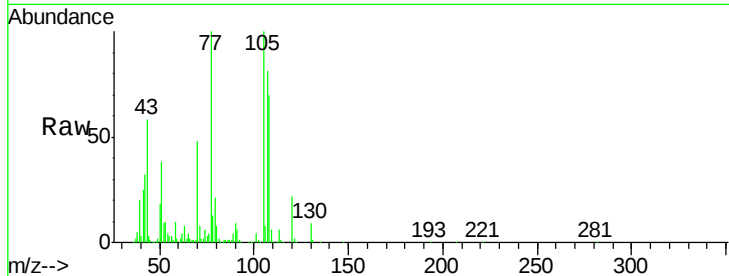
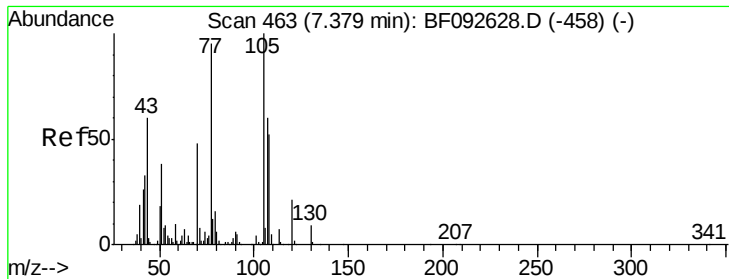
#18
Hexachloroethane
Concen: 37.69 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.08 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion:117 Resp: 160333
Ion Ratio Lower Upper
117 100
119 95.2 78.1 117.1
201 73.4 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

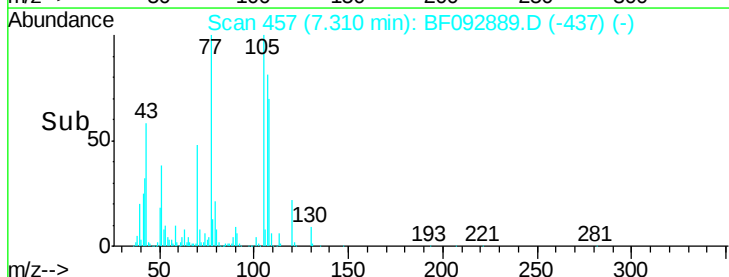
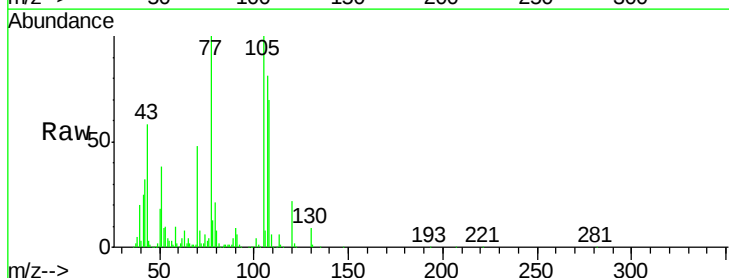
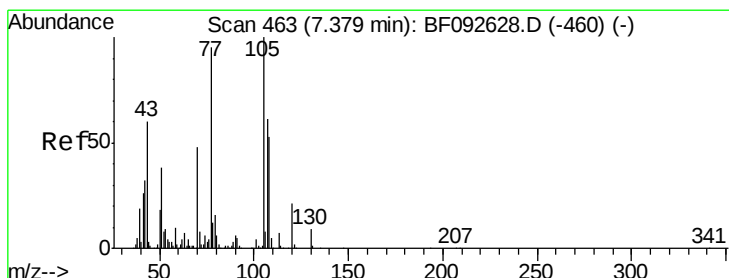
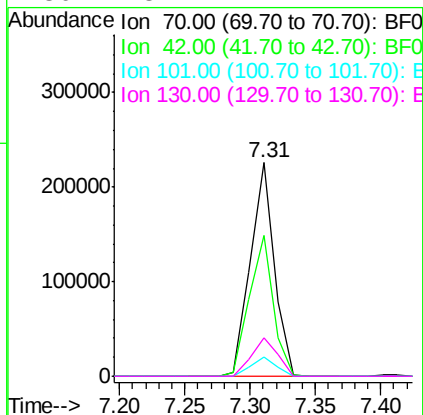




#19
n-Nitroso-di-n-propylamine
Concen: 37.03 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

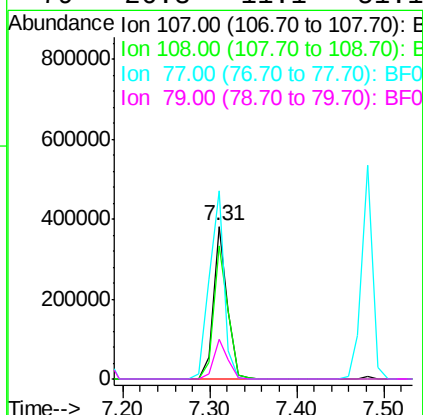
Instrument :
BNA_F
ClientSampleId :
PB96841BS

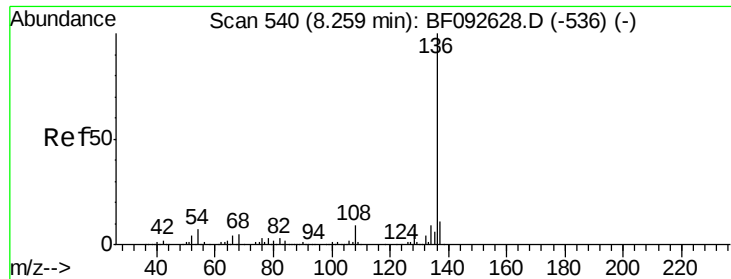
Tgt Ion:	70	Resp:	289059
Ion	Ratio	Lower	Upper
70	100		
42	65.8	49.4	74.0
101	9.0	7.4	11.2
130	18.1	14.2	21.4



#20
3+4-Methylphenols
Concen: 39.83 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion:	107	Resp:	429553
Ion	Ratio	Lower	Upper
107	100		
108	86.8	73.0	113.0
77	123.4	71.3	111.3#
79	26.3	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.08 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB96841BS

Tgt Ion:136 Resp: 655086

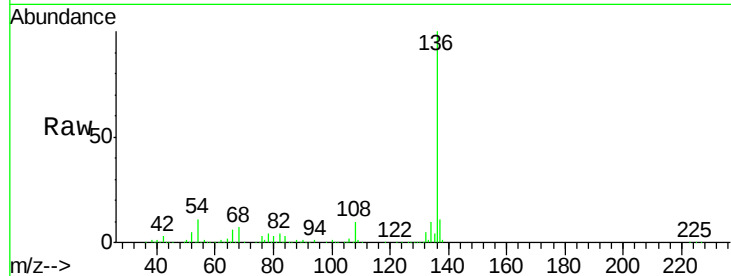
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.1 4.5 6.7#

68 7.1 3.6 5.4#



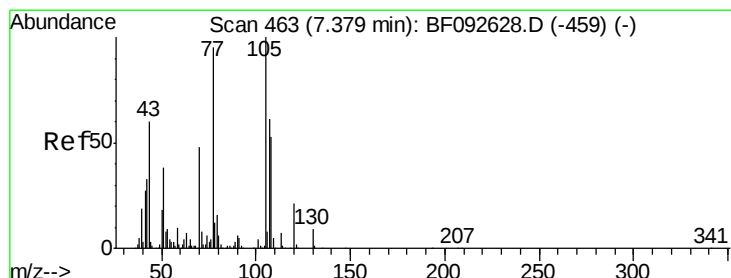
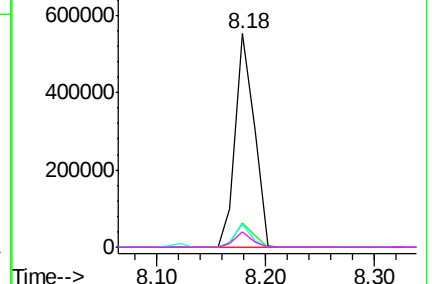
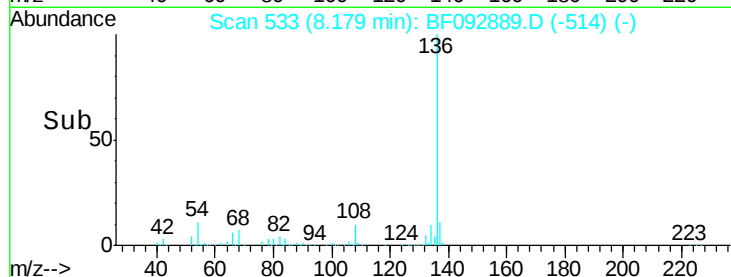
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.96 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Tgt Ion:105 Resp: 552742

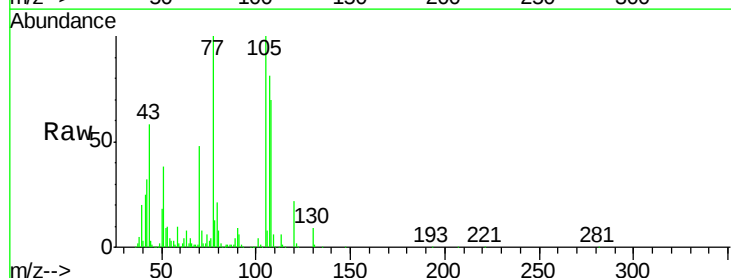
Ion Ratio Lower Upper

105 100

71 8.2 3.2 4.8#

51 37.9 26.2 39.4

120 21.6 16.6 24.8



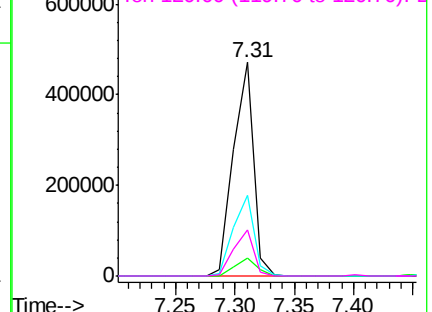
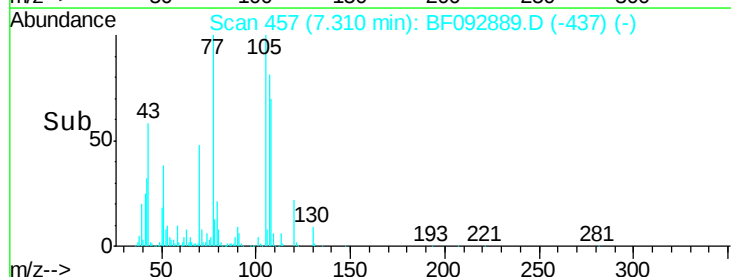
Abundance

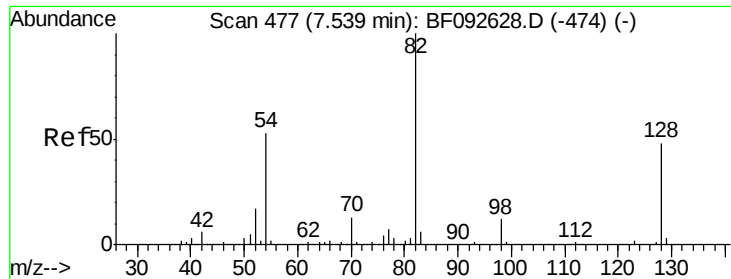
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

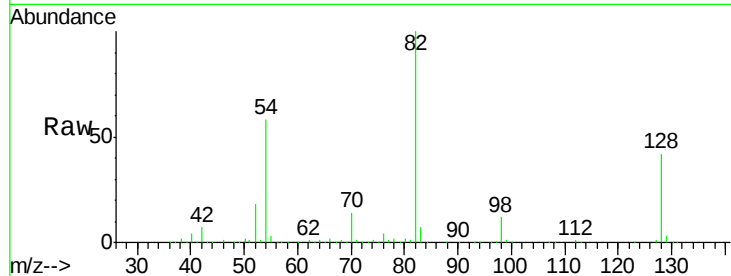




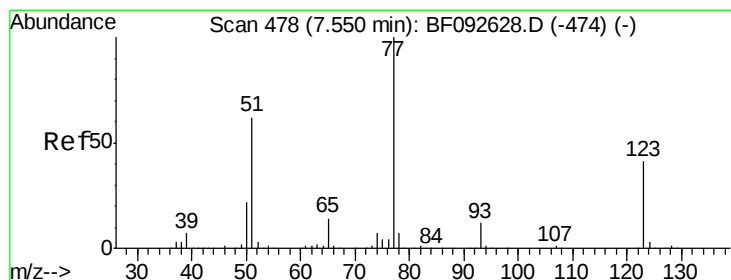
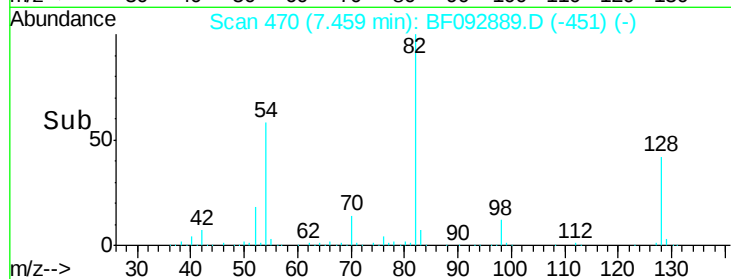
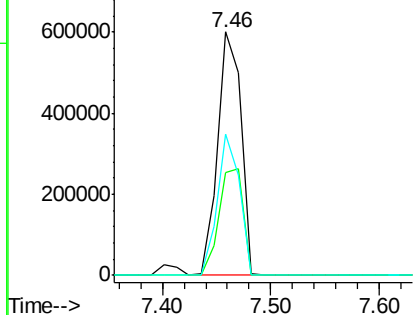
#23
 Nitrobenzene-d5
 Concen: 76.08 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.08 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	52.0
54	58.0	39.5	59.3

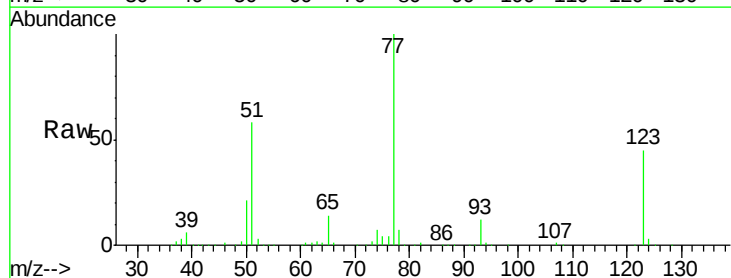


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

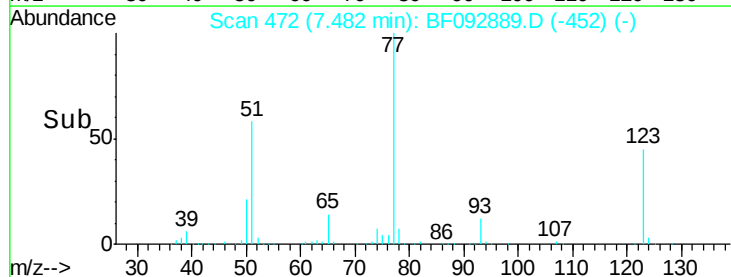
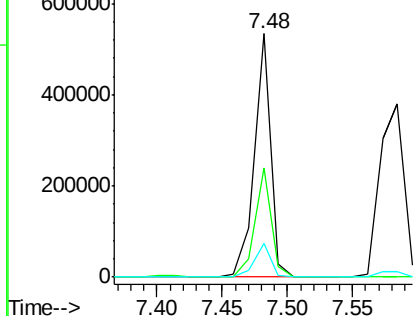


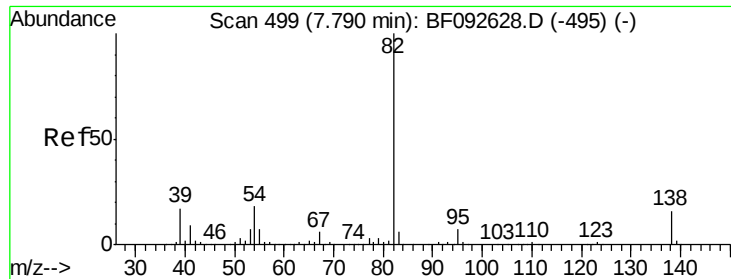
#24
 Nitrobenzene
 Concen: 38.61 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.07 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.7	33.0	49.4
65	13.7	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: 38.80 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB96841BS

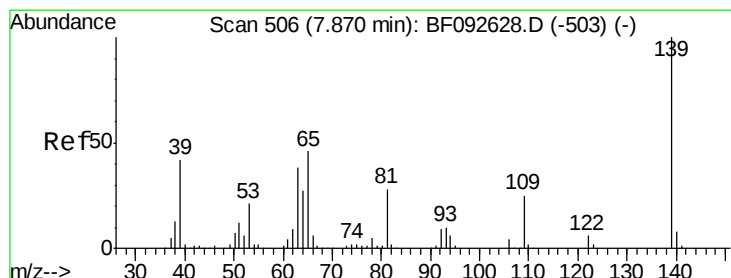
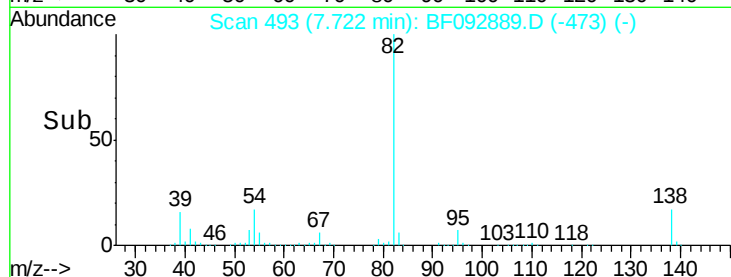
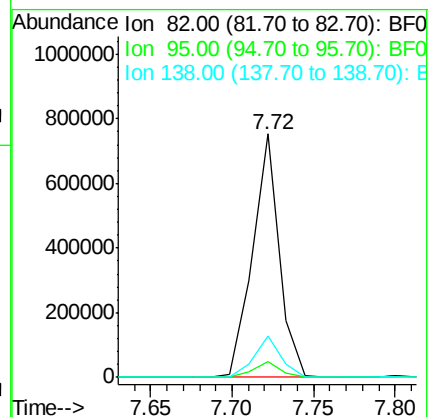
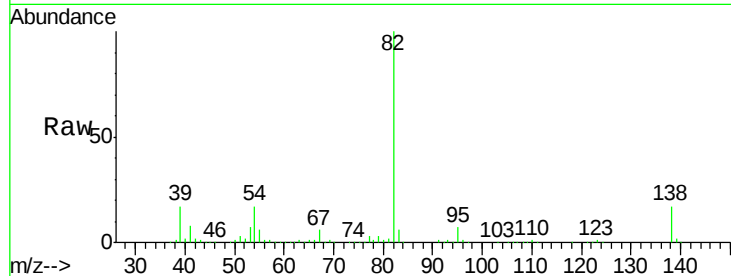
Tgt Ion: 82 Resp: 850556

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 17.1 14.6 22.0



#26

2-Nitrophenol

Concen: 44.99 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

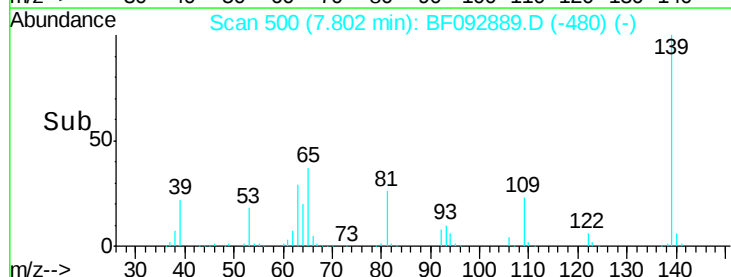
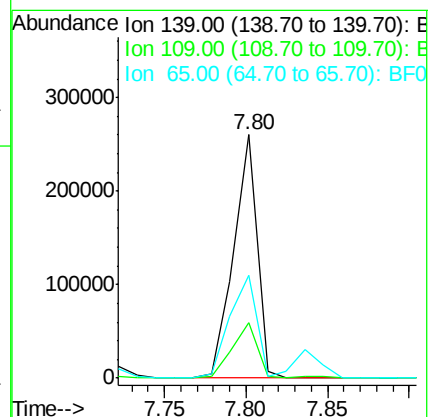
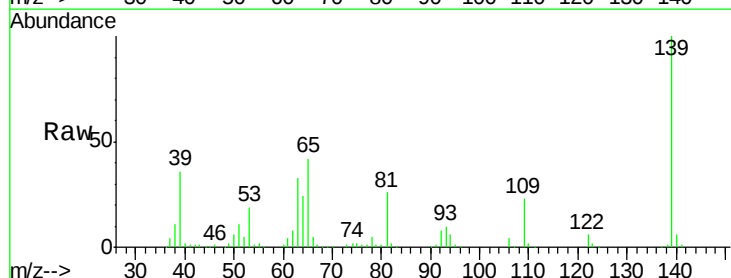
Tgt Ion: 139 Resp: 258301

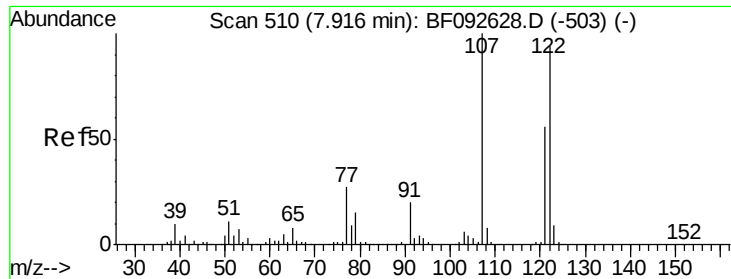
Ion Ratio Lower Upper

139 100

109 22.9 23.3 34.9#

65 42.1 42.7 64.1#

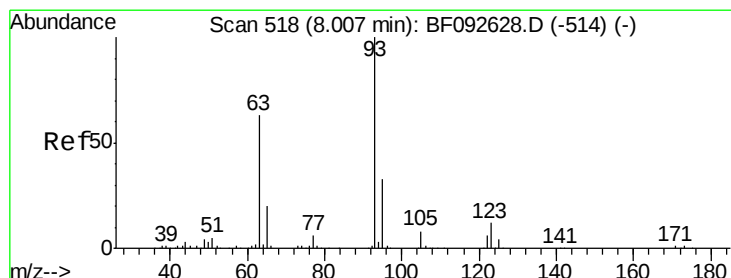
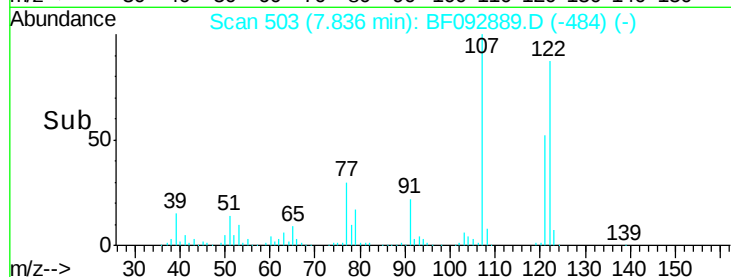
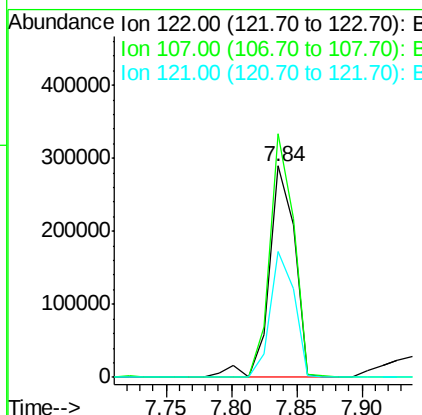
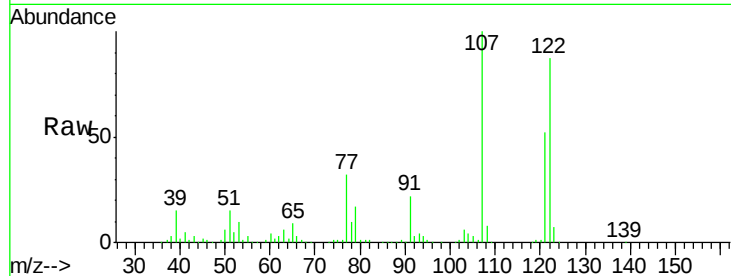




#27
2,4-Dimethylphenol
Concen: 39.83 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.08 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

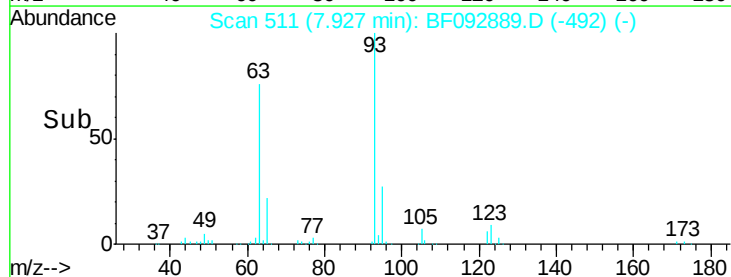
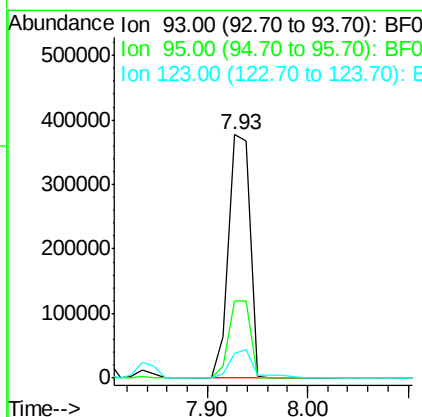
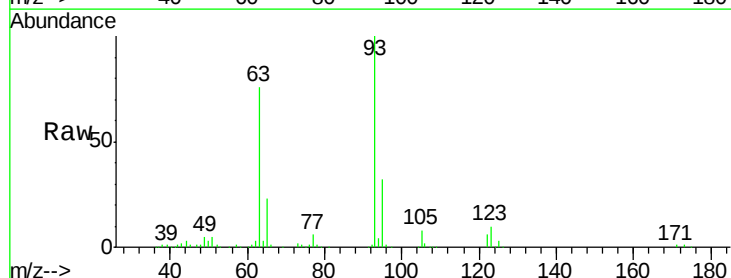
Instrument :
BNA_F
ClientSampleId :
PB96841BS

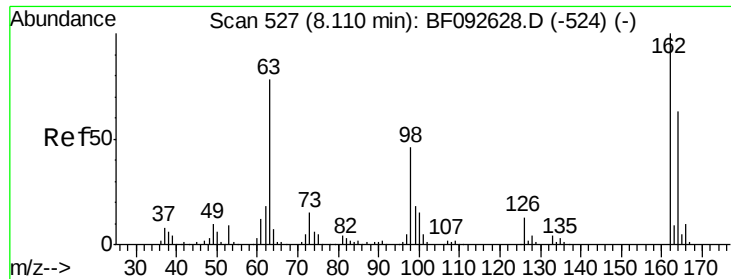
Tgt Ion:122 Resp: 401692
Ion Ratio Lower Upper
122 100
107 115.3 94.1 141.1
121 59.8 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 38.47 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.08 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion: 93 Resp: 558533
Ion Ratio Lower Upper
93 100
95 31.9 26.5 39.7
123 10.4 8.6 13.0

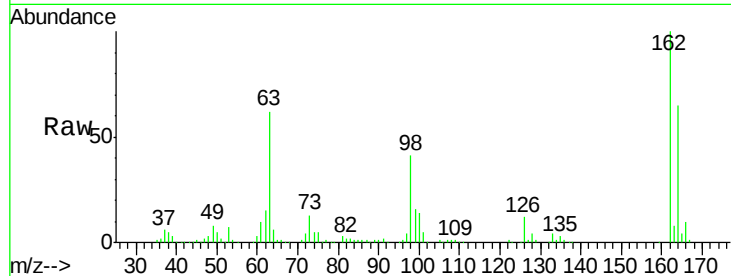




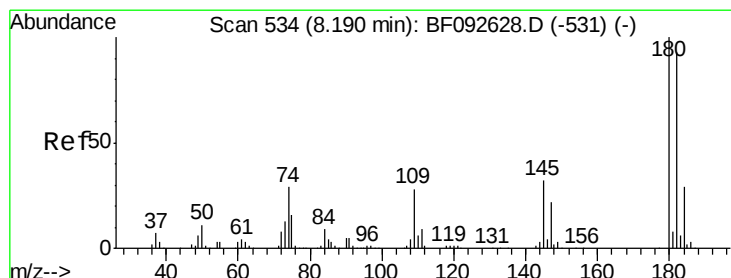
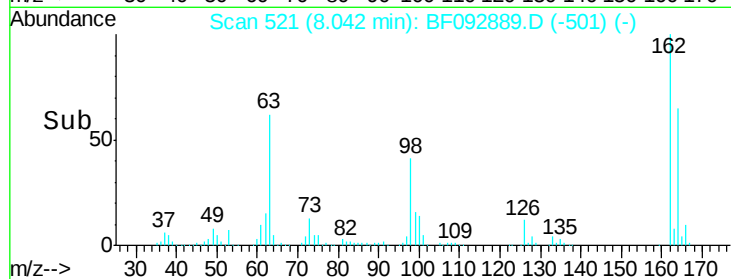
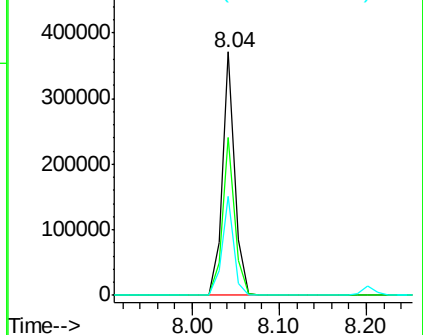
#29
 2,4-Dichlorophenol
 Concen: 39.70 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.07 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Instrument :
 BNA_F
 ClientSampleID :
 PB96841BS

Tgt Ion:162 Resp: 373336
 Ion Ratio Lower Upper
 162 100
 164 65.1 46.8 86.8
 98 40.6 9.1 49.1

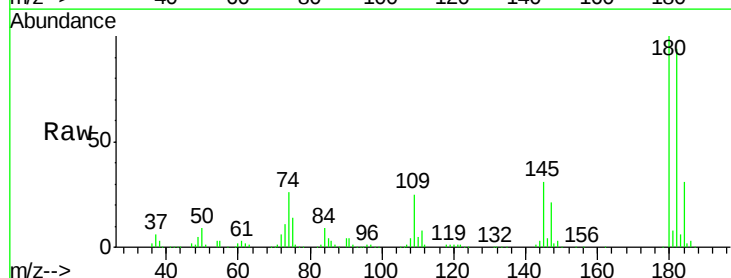


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

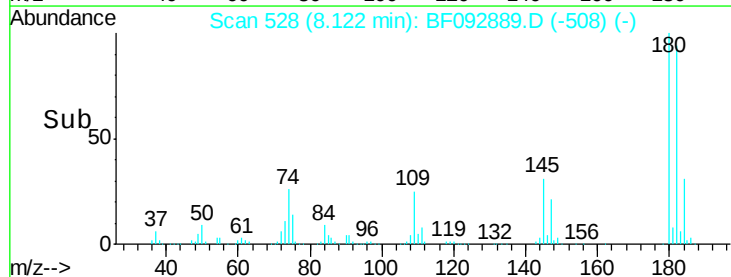
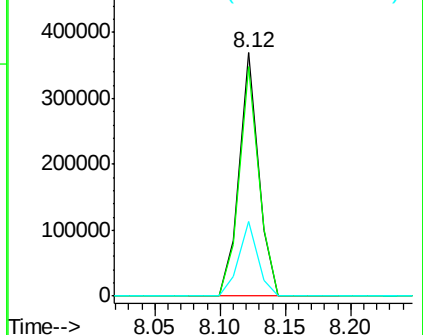


#30
 1,2,4-Trichlorobenzene
 Concen: 37.64 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.07 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion:180 Resp: 381482
 Ion Ratio Lower Upper
 180 100
 182 94.3 78.2 117.4
 145 30.6 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: 34.78 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.08 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB96841BS

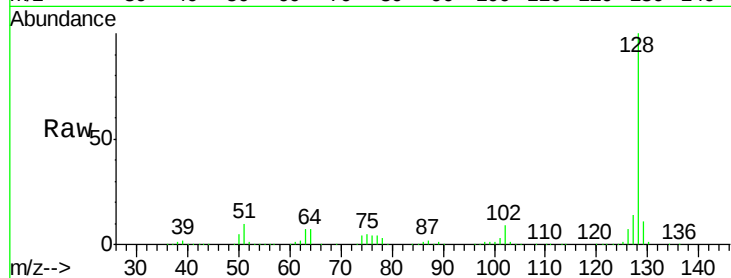
Tgt Ion:128 Resp: 1155079

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

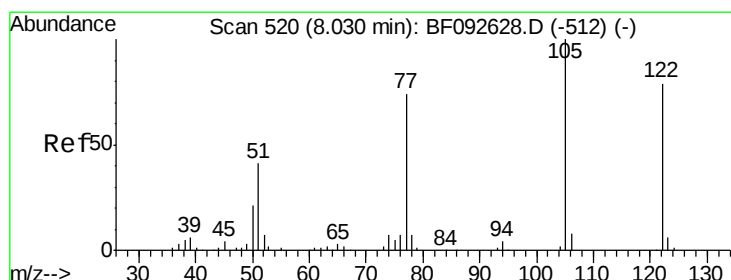
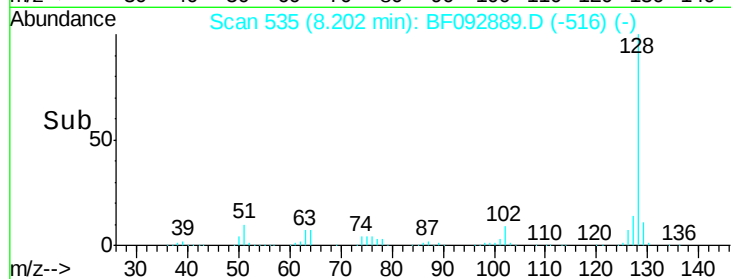
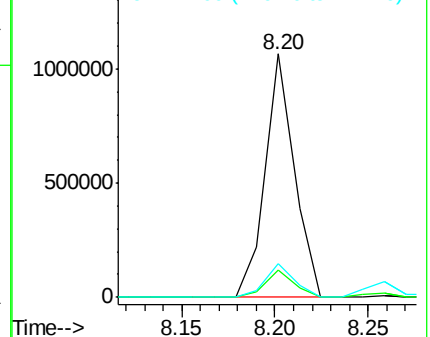
127 13.8 10.8 16.2



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: 34.91 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.06 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

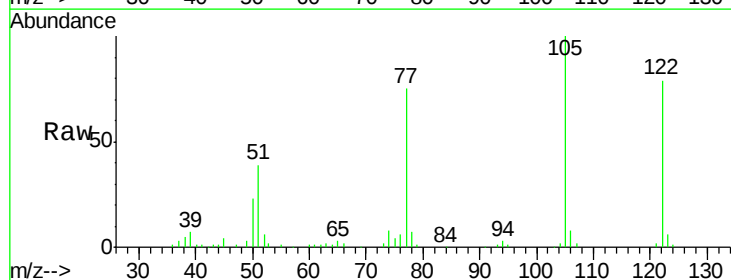
Tgt Ion:122 Resp: 186353

Ion Ratio Lower Upper

122 100

105 125.9 107.2 147.2

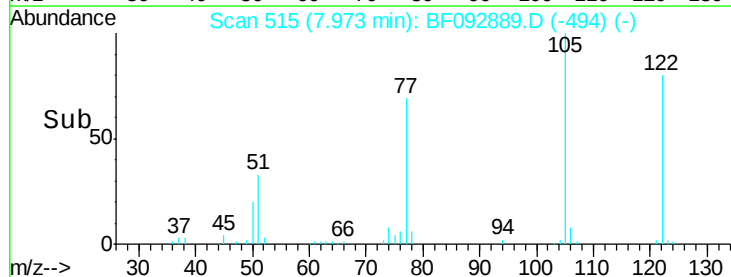
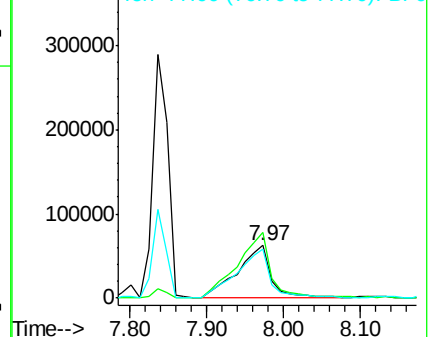
77 94.7 74.5 114.5



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

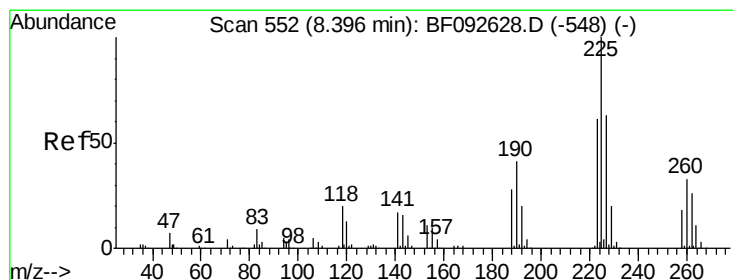
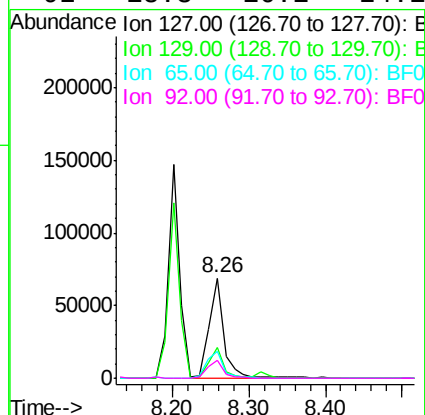
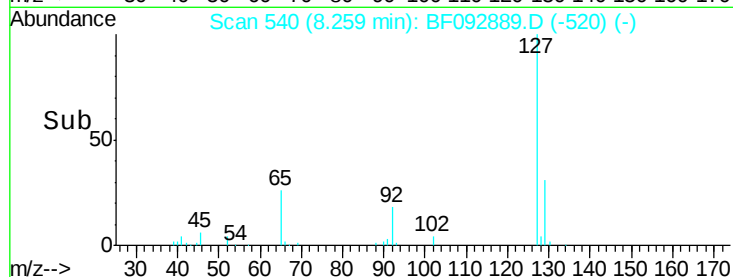
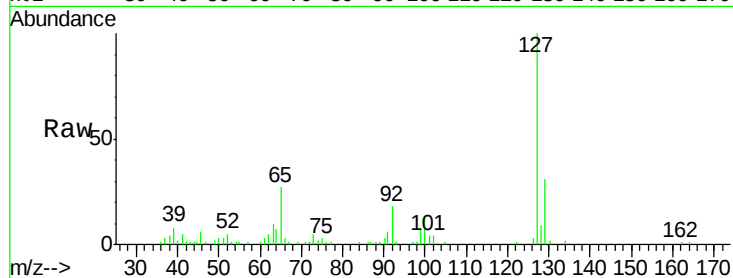




#33
4-Chloroaniline
Concen: 7.08 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

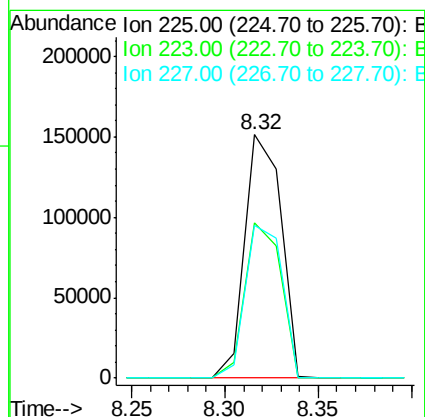
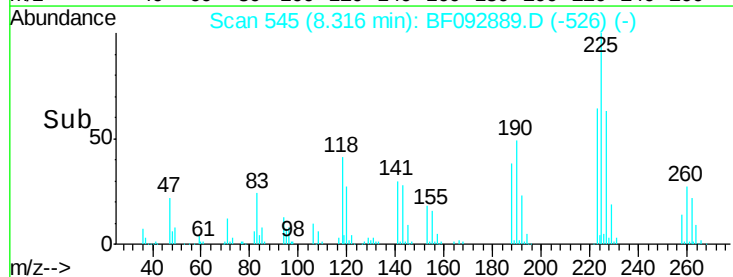
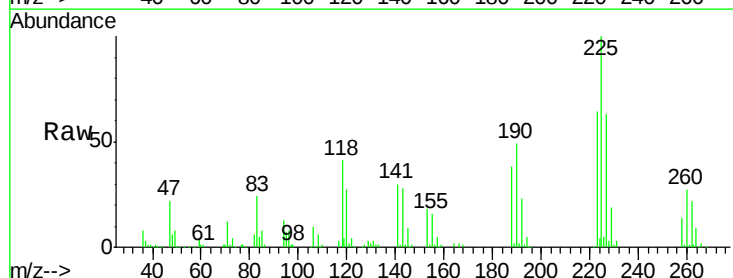
Instrument :
BNA_F
ClientSampleId :
PB96841BS

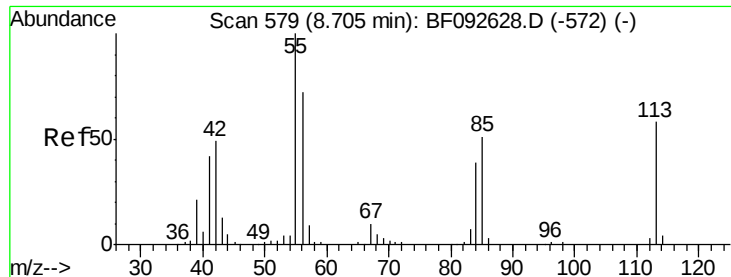
Tgt Ion:	127	Resp:	92150
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.3	39.5
65	27.0	25.8	38.8
92	18.3	16.1	24.1



#34
Hexachlorobutadiene
Concen: 36.59 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.08 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion:	225	Resp:	204005
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.0	76.6
227	62.6	50.6	76.0

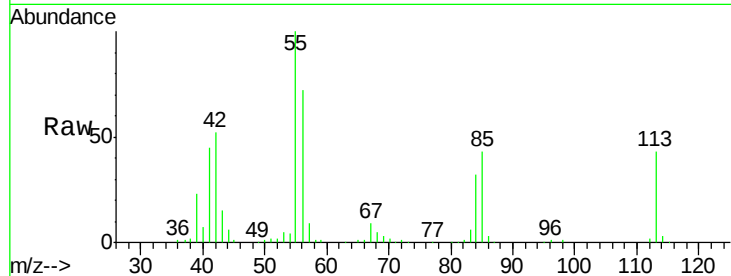




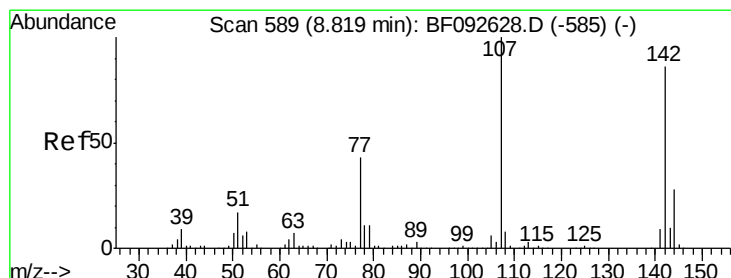
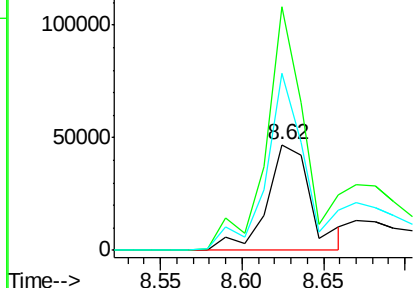
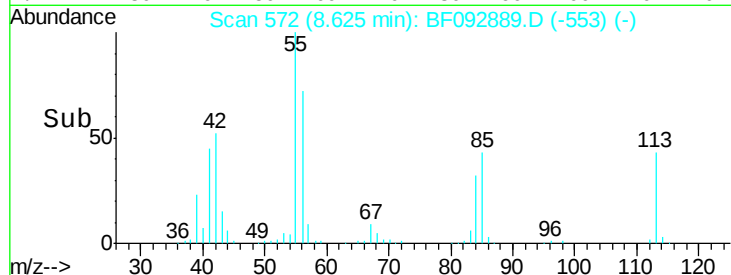
#35
 Caprolactam
 Concen: 30.08 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.08 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

Tgt Ion:113 Resp: 88992
 Ion Ratio Lower Upper
 113 100
 55 231.1 119.2 159.2#
 56 167.5 83.8 123.8#

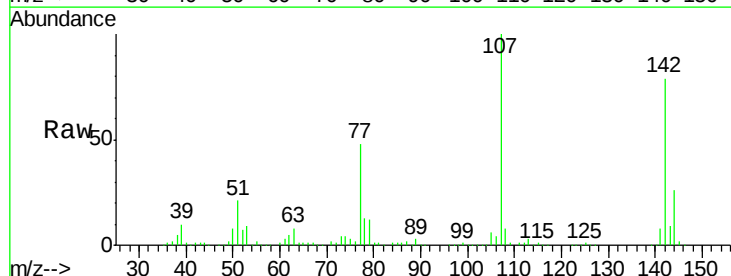


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

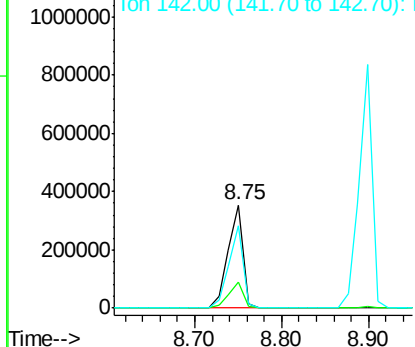
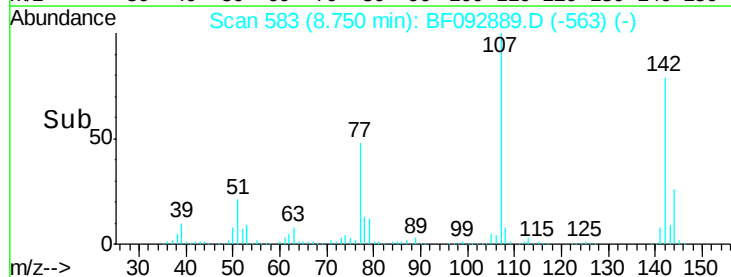


#36
 4-Chloro-3-methylphenol
 Concen: 42.91 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.07 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion:107 Resp: 420737
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.3 28.9
 142 79.4 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: 40.97 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB96841BS

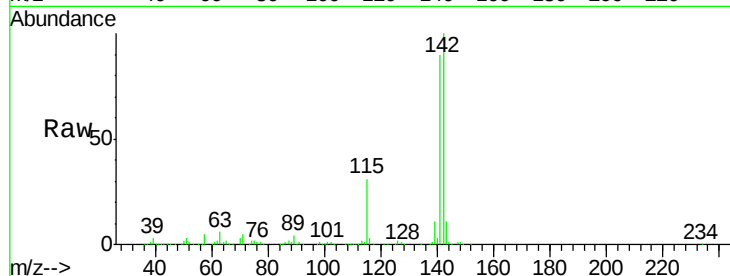
Tgt Ion:142 Resp: 873510

Ion Ratio Lower Upper

142 100

141 89.9 71.0 106.6

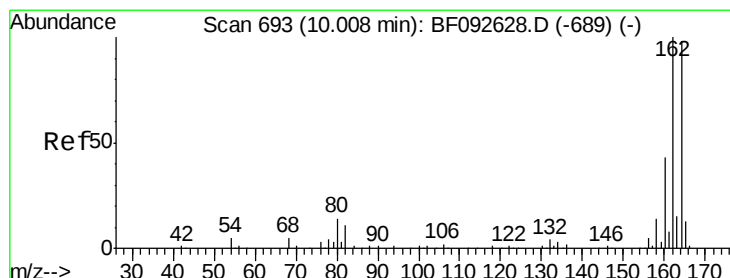
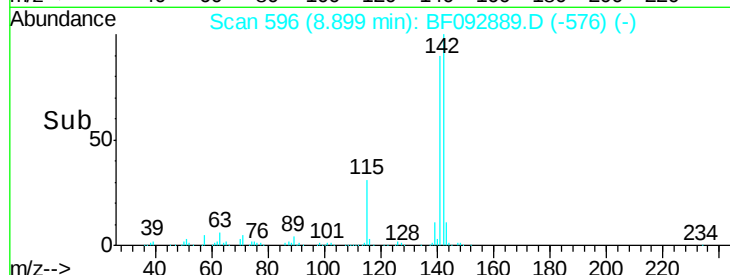
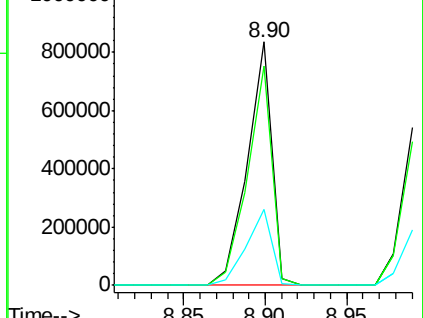
115 31.3 28.3 42.5



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: BF092889.D

Acq: 10 Feb 2017 18:07

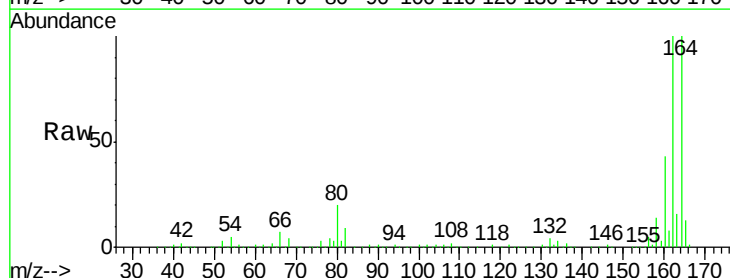
Tgt Ion:164 Resp: 389894

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.2

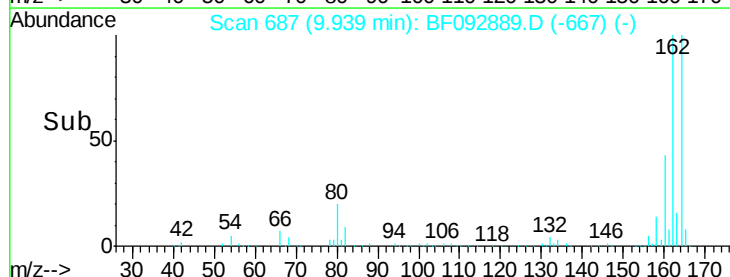
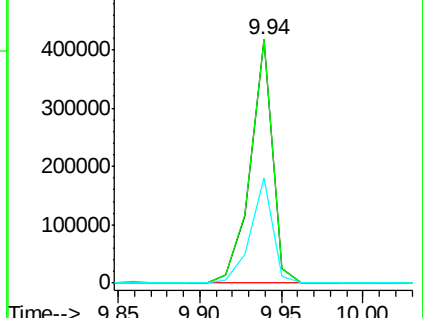
160 43.3 36.9 55.3

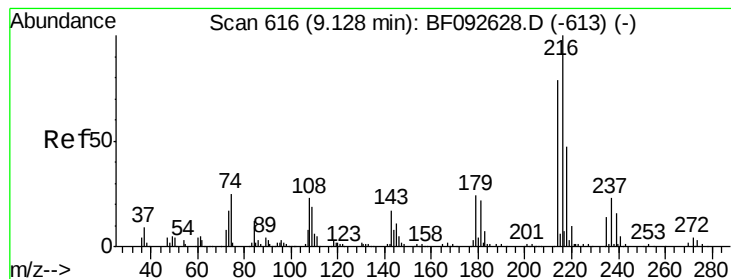


Abundance Ion 164.00 (163.70 to 164.70): E

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: 32.53 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB96841BS

Tgt Ion:216 Resp: 356066

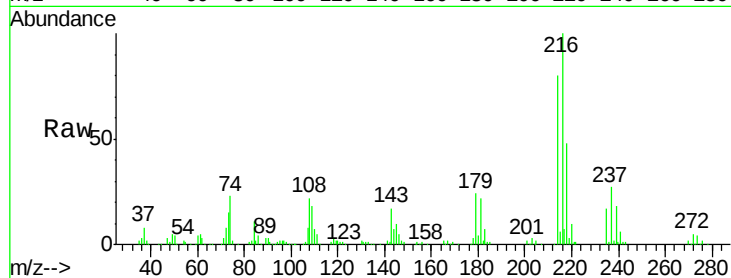
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.0

179 20.8 17.4 26.2

108 19.2 15.6 23.4

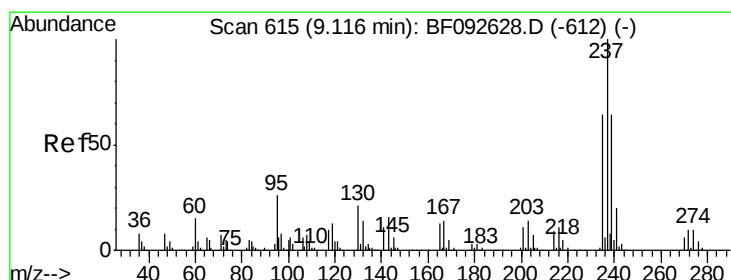
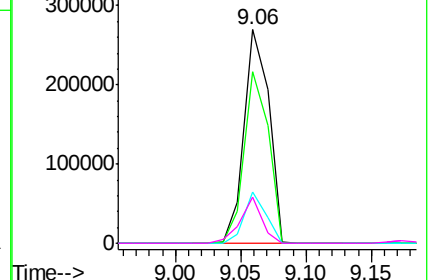
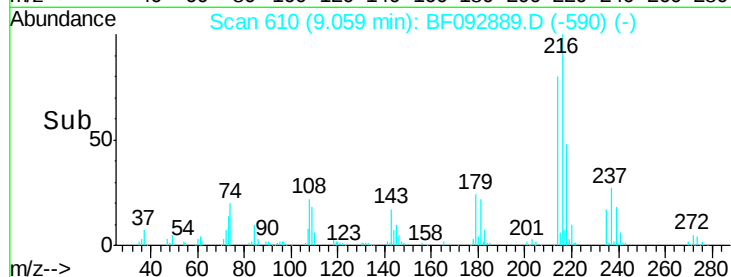


Abundance Ion 216.00 (215.70 to 216.70): E

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: 62.67 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

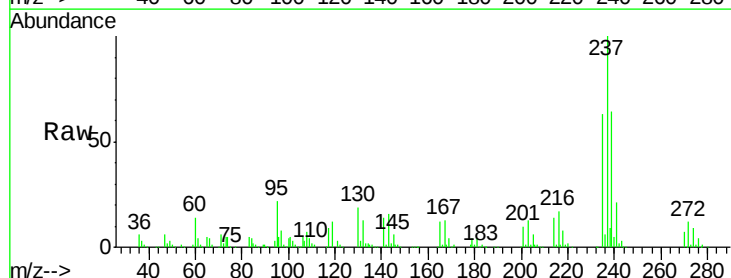
Tgt Ion:237 Resp: 309437

Ion Ratio Lower Upper

237 100

235 63.4 41.2 81.2

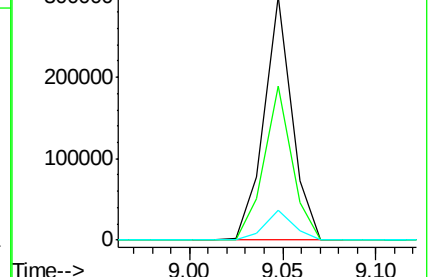
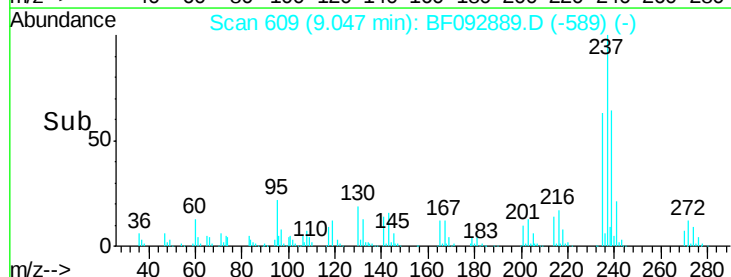
272 12.1 0.0 35.4



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

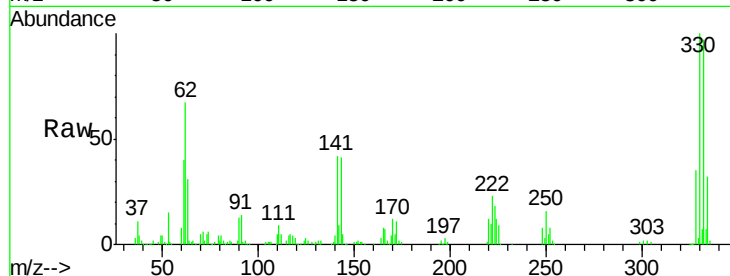




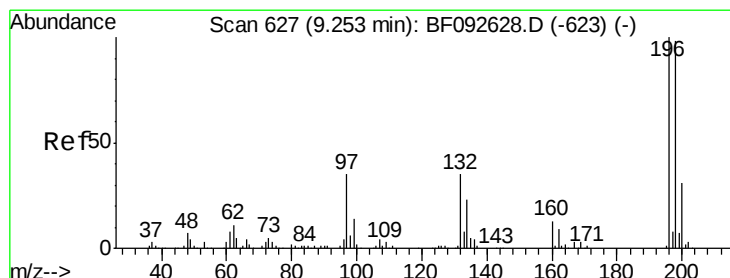
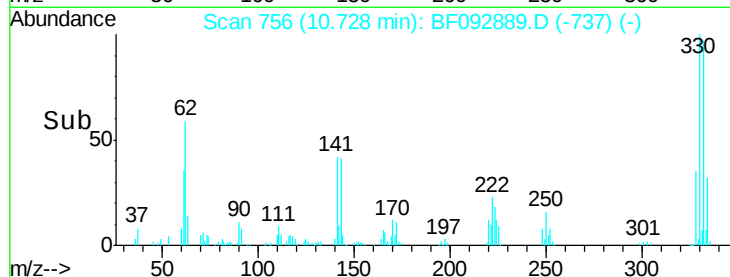
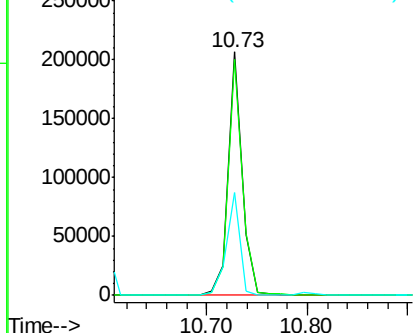
#41
 2,4,6-Tribromophenol
 Concen: 71.17 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.08 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Instrument :
 BNA_F
 ClientSampled :
 PB96841BS

Tgt Ion:330 Resp: 200704
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 40.7 34.1 51.1

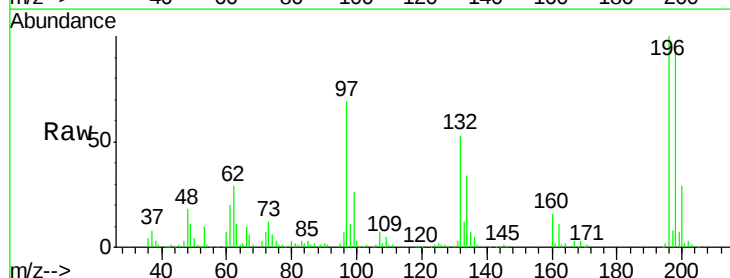


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

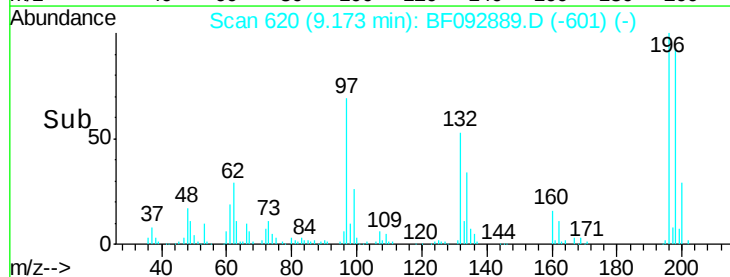
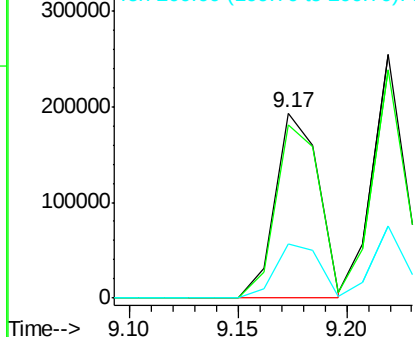


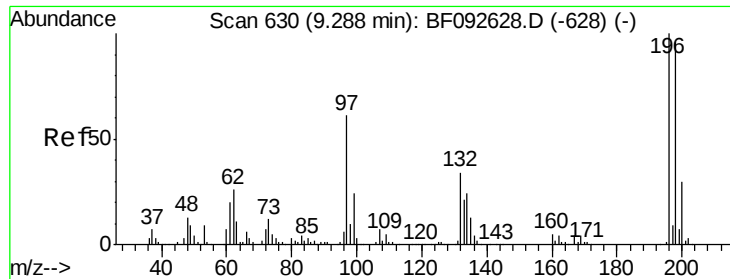
#42
 2,4,6-Trichlorophenol
 Concen: 37.28 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.08 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion:196 Resp: 268089
 Ion Ratio Lower Upper
 196 100
 198 93.3 82.1 123.1
 200 29.2 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

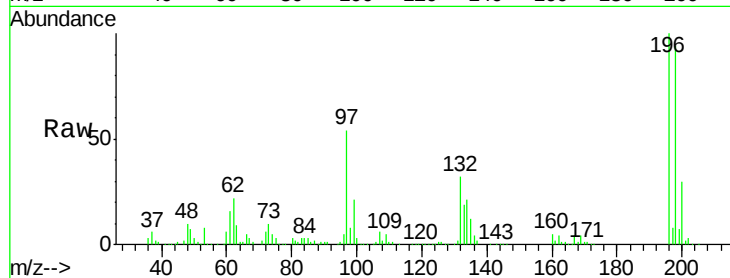




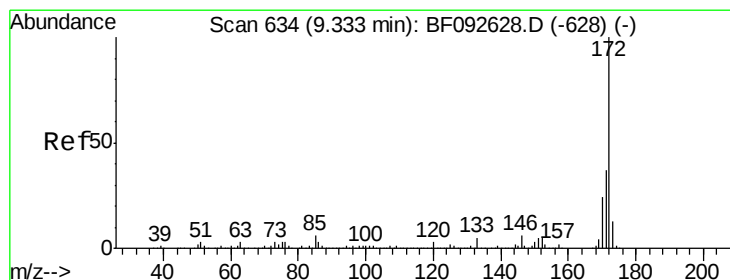
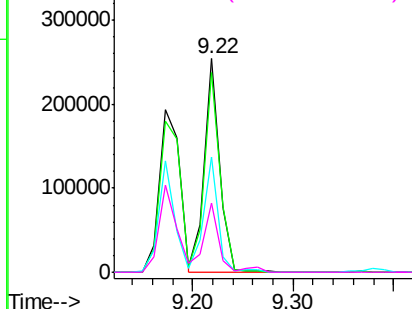
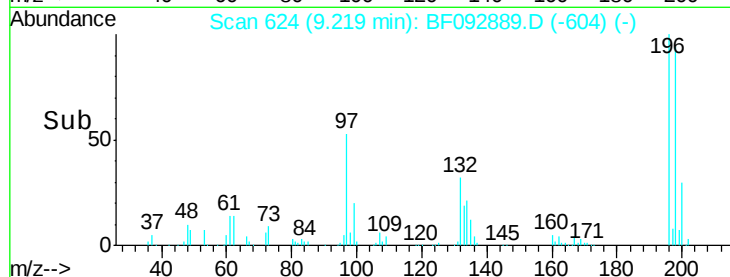
#43
 2,4,5-Trichlorophenol
 Concen: 34.30 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.07 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

Tgt Ion:196 Resp: 270295
 Ion Ratio Lower Upper
 196 100
 198 93.6 79.4 119.2
 97 53.7 51.5 77.3
 132 32.2 27.4 41.2

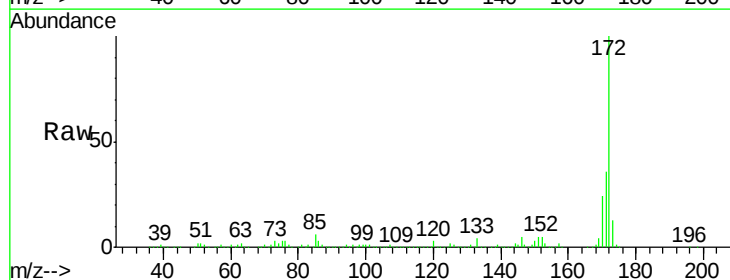


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

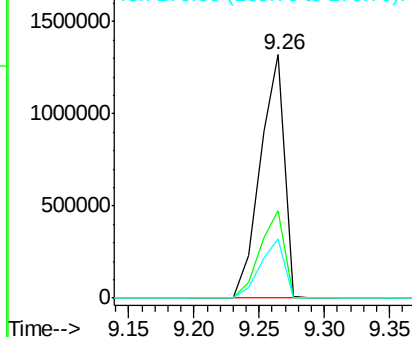
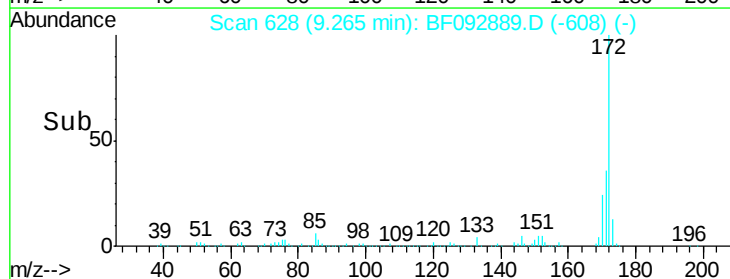


#44
 2-Fluorobiphenyl
 Concen: 78.92 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion:172 Resp: 1698373
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.3 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

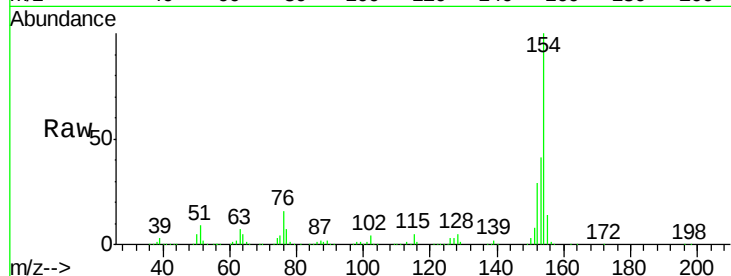




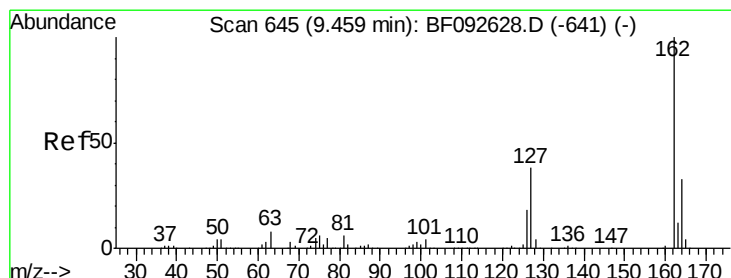
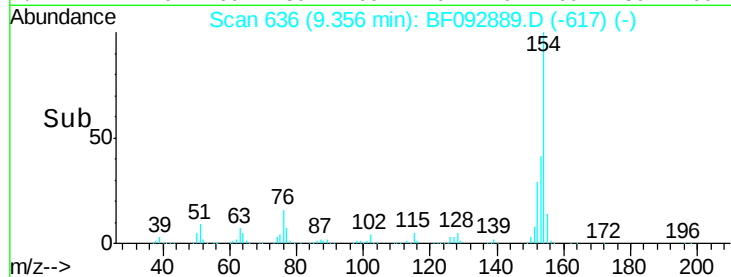
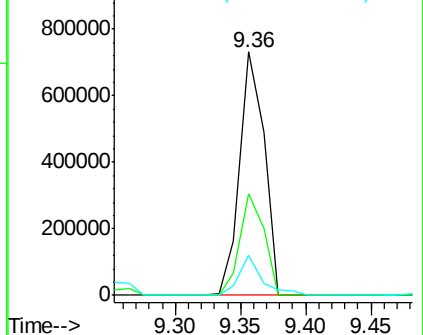
#45
 1,1'-Biphenyl
 Concen: 33.84 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.08 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

Tgt Ion:	154	Resp:	955269
Ion Ratio	Lower	Upper	
154	100		
153	41.5	20.9	60.9
76	16.4	0.0	30.5

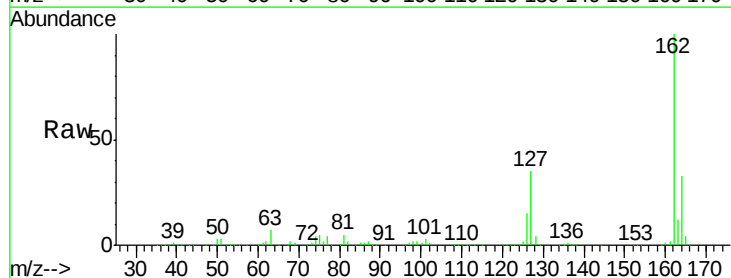


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

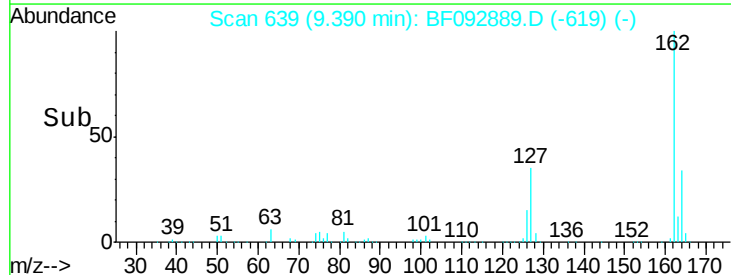
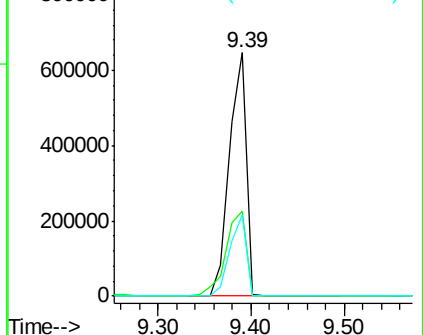


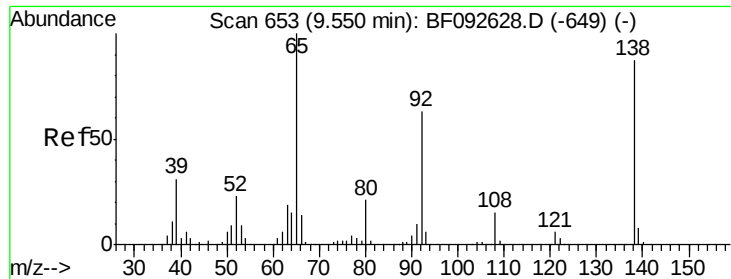
#46
 2-Chloronaphthalene
 Concen: 37.43 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.07 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion:	162	Resp:	826727
Ion Ratio	Lower	Upper	
162	100		
127	34.7	30.7	46.1
164	33.4	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

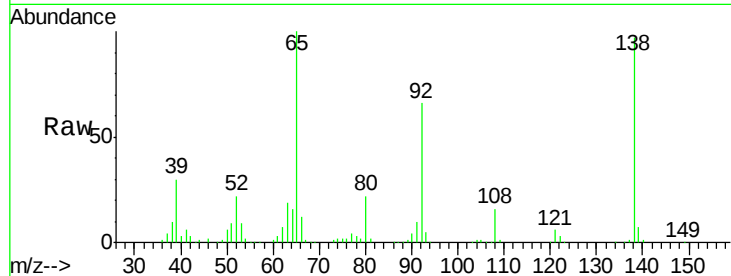




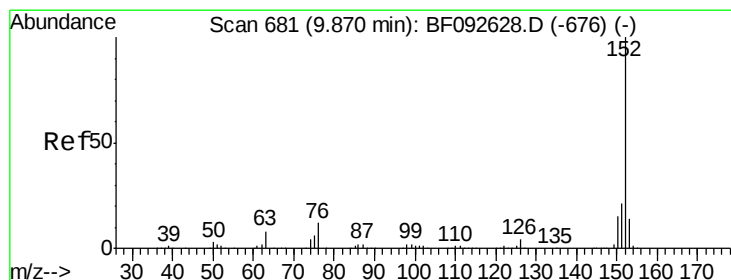
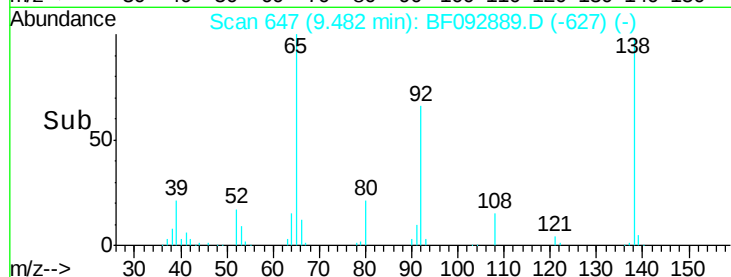
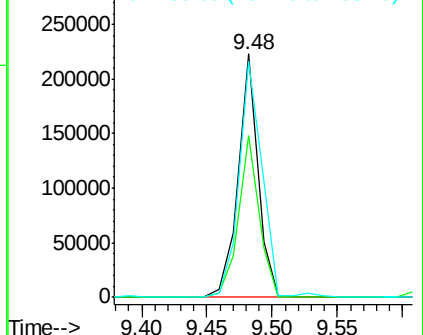
#47
2-Nitroaniline
Concen: 31.62 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.07 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Instrument :
BNA_F
ClientSampleId :
PB96841BS

Tgt Ion: 65 Resp: 234791
Ion Ratio Lower Upper
65 100
92 66.3 53.9 80.9
138 97.0 76.8 115.2

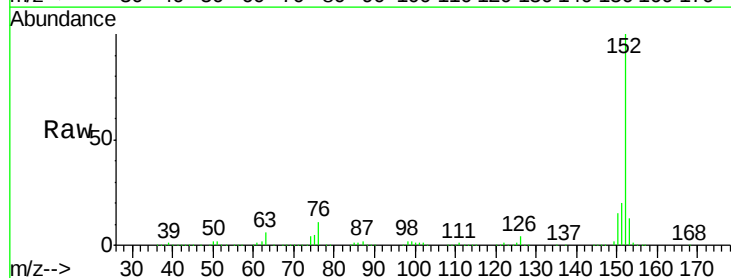


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

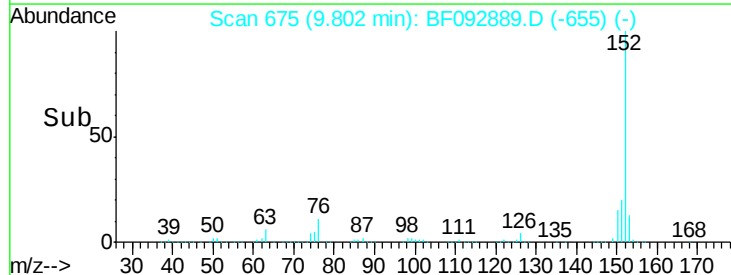
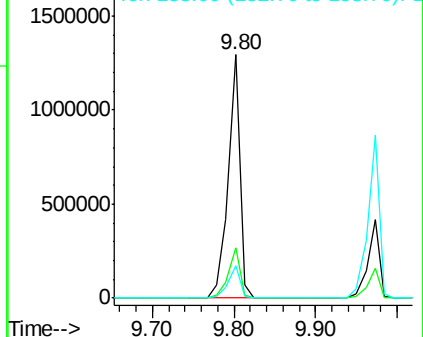


#48
Acenaphthylene
Concen: 33.38 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.07 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion: 152 Resp: 1273665
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 13.3 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: 35.35 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB96841BS

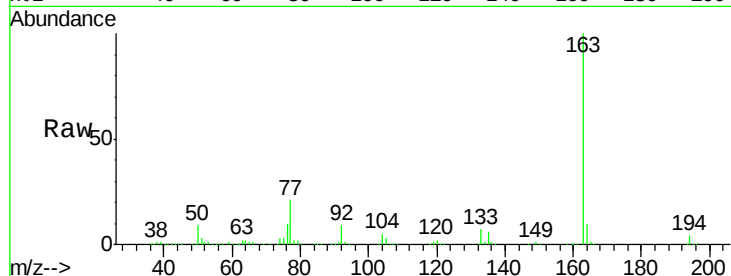
Tgt Ion:163 Resp: 928237

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

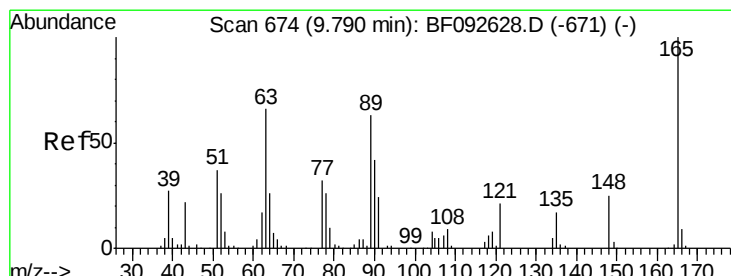
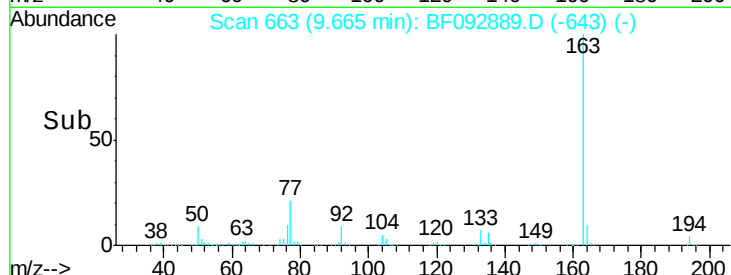
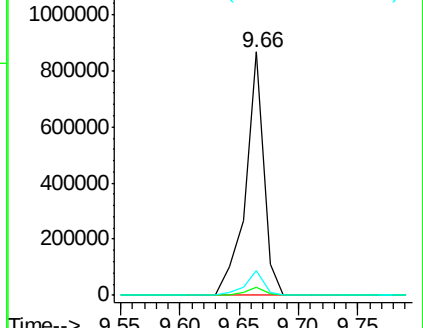
164 10.3 8.0 12.0



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: 37.07 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

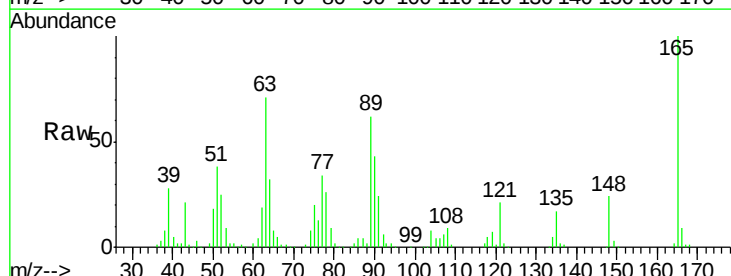
Tgt Ion:165 Resp: 210253

Ion Ratio Lower Upper

165 100

63 70.6 36.2 54.4#

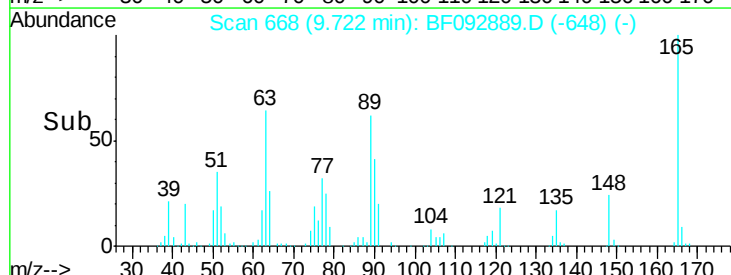
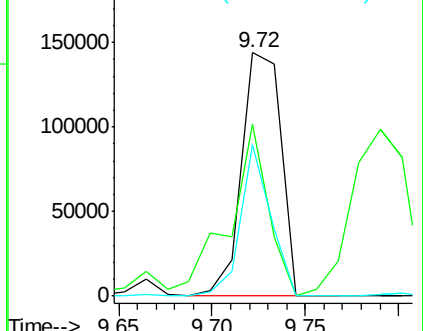
89 62.1 40.2 60.4#

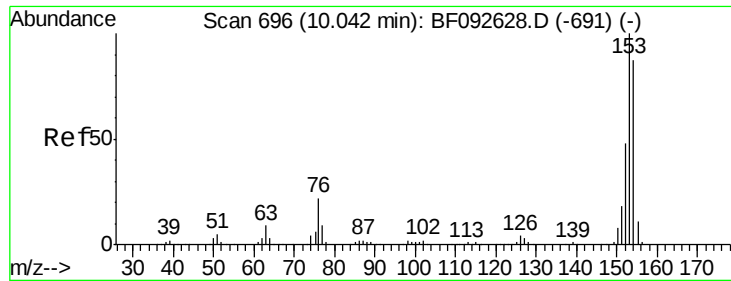


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.34 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB96841BS

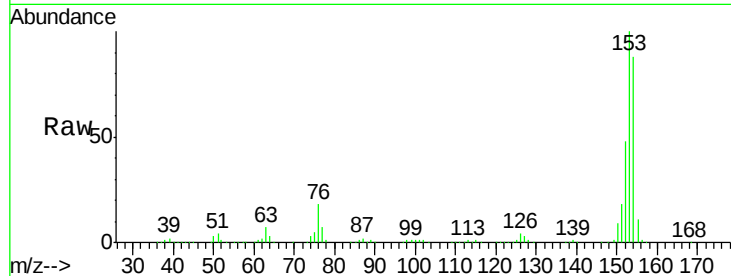
Tgt Ion:154 Resp: 783362

Ion Ratio Lower Upper

154 100

153 113.3 88.6 133.0

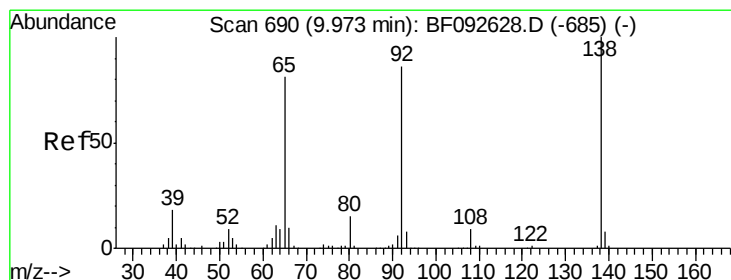
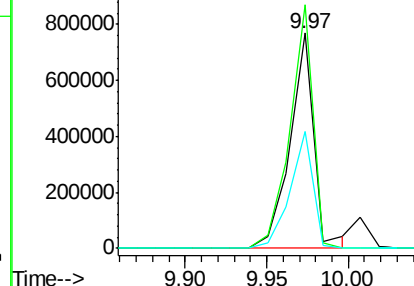
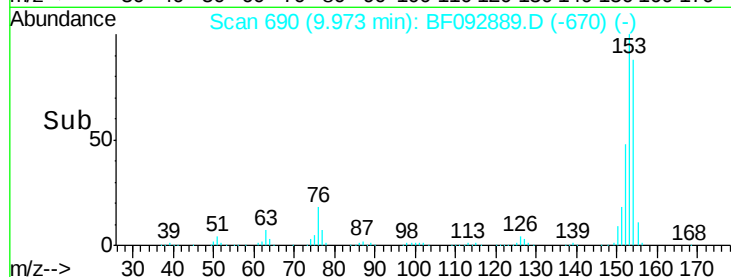
152 54.4 41.6 62.4



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: 10.94 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.08 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

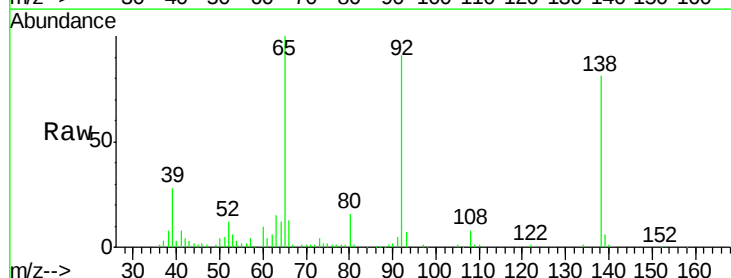
Tgt Ion:138 Resp: 71032

Ion Ratio Lower Upper

138 100

108 10.4 8.5 12.7

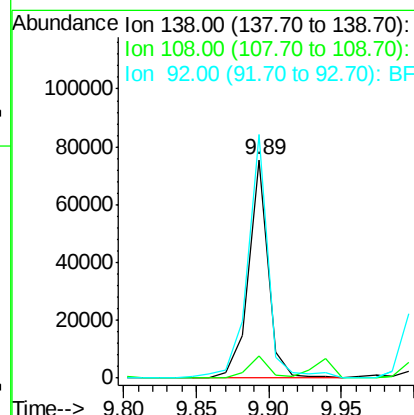
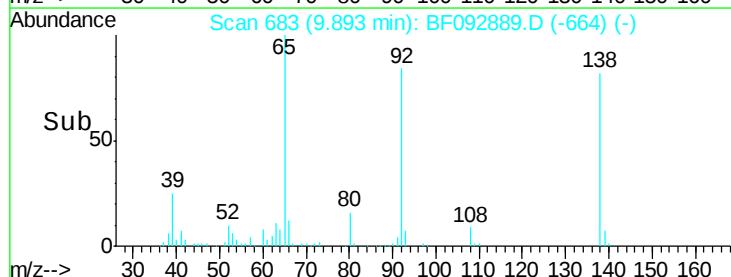
92 111.6 97.8 146.8

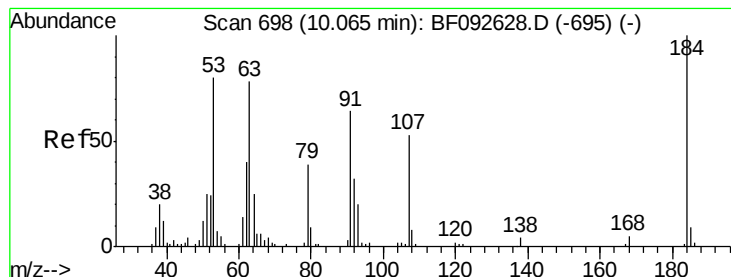


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 68.38 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.06 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB96841BS

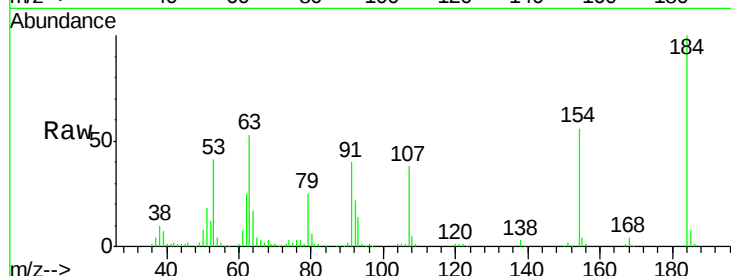
Tgt Ion:184 Resp: 195166

Ion Ratio Lower Upper

184 100

63 53.2 28.4 42.6#

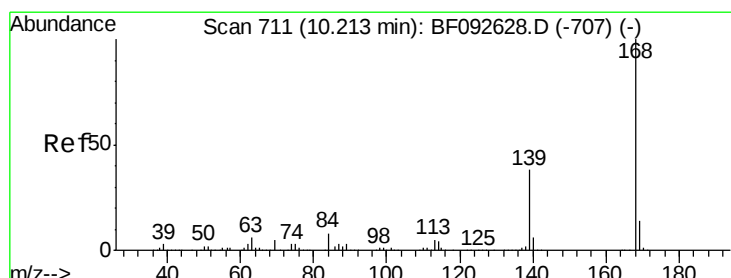
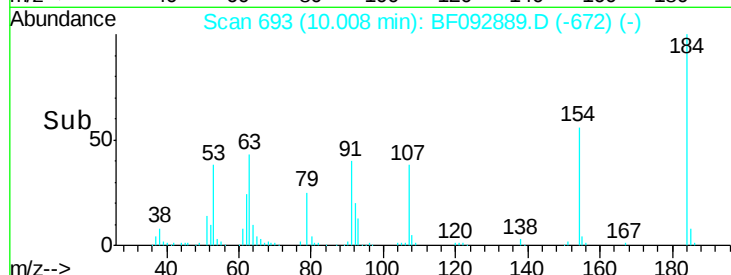
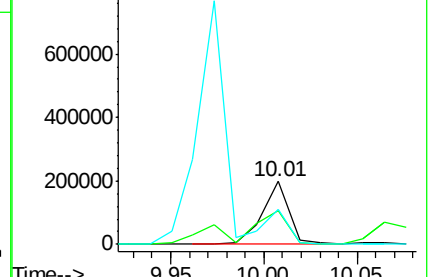
154 56.0 44.3 66.5



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: 35.80 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

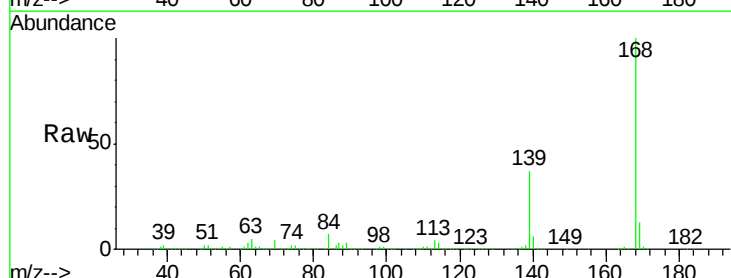
Tgt Ion:168 Resp: 1092141

Ion Ratio Lower Upper

168 100

139 37.0 32.6 49.0

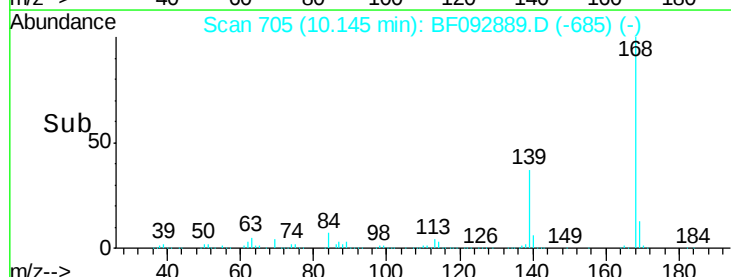
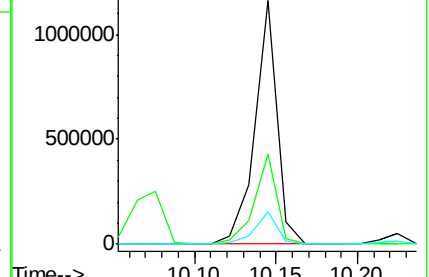
169 13.4 11.3 16.9

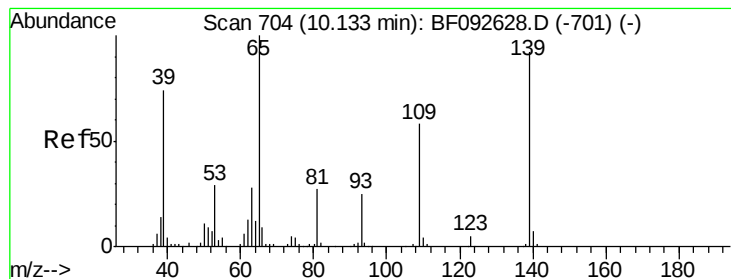


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 74.82 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.06 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampled :

PB96841BS

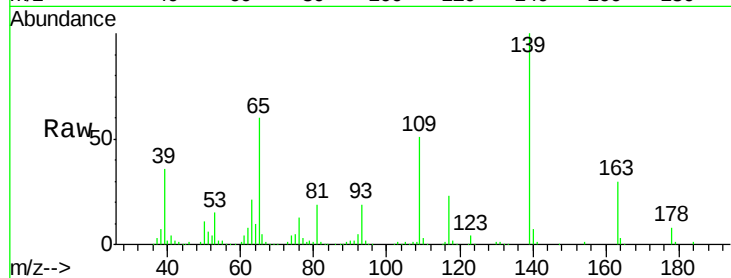
Tgt Ion:139 Resp: 349746

Ion Ratio Lower Upper

139 100

109 51.1 52.2 92.2#

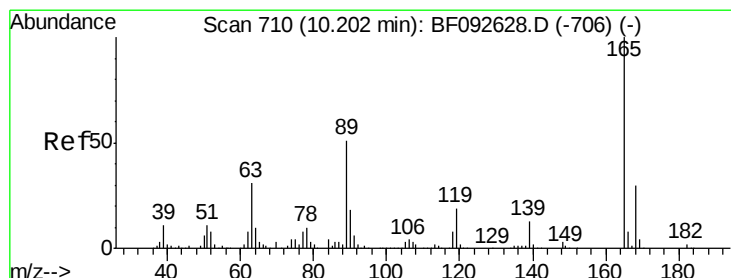
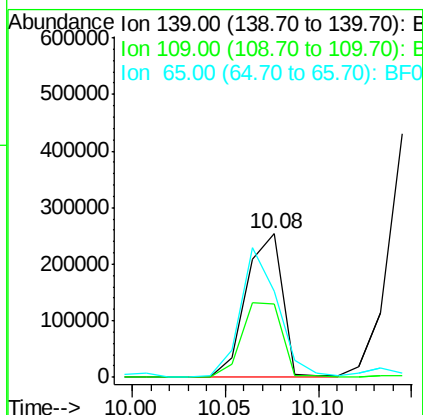
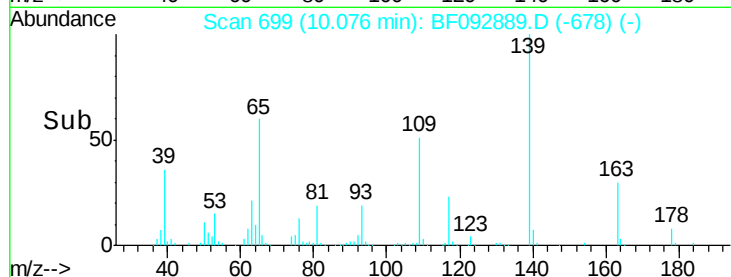
65 59.9 85.8 125.8#



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: 37.92 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Tgt Ion:165 Resp: 286360

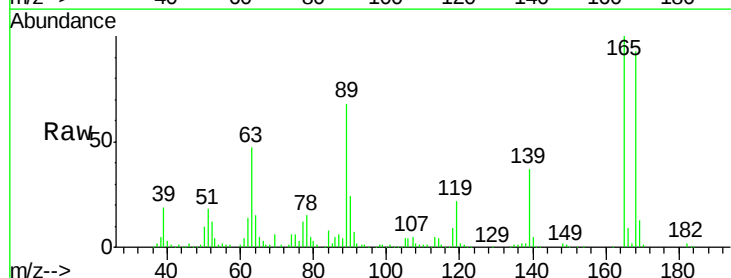
Ion Ratio Lower Upper

165 100

63 47.0 40.2 60.4

89 68.3 62.5 93.7

182 2.3 1.8 2.8

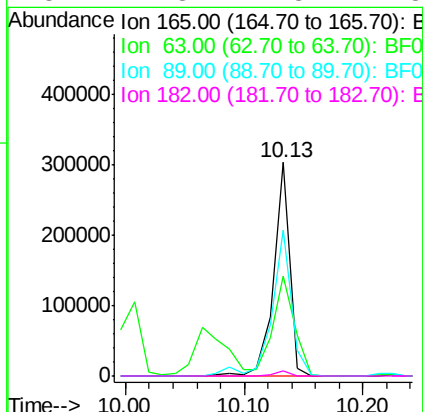
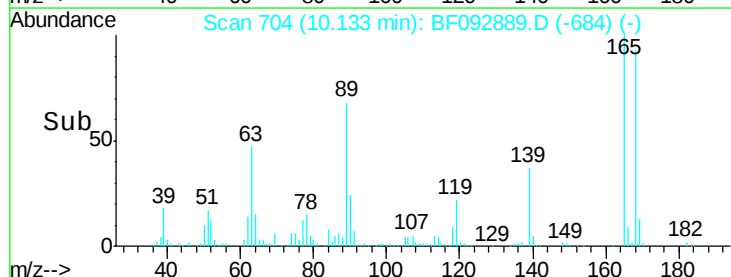


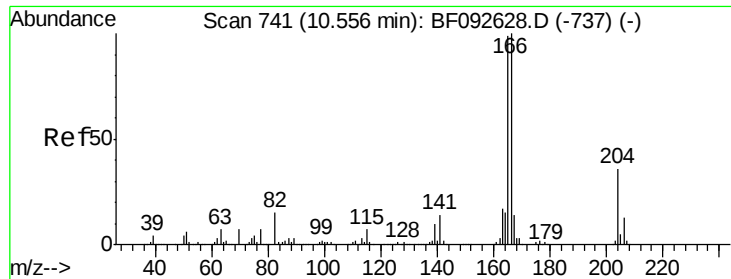
Abundance Ion 165.00 (164.70 to 165.70): E

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: 35.55 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB96841BS

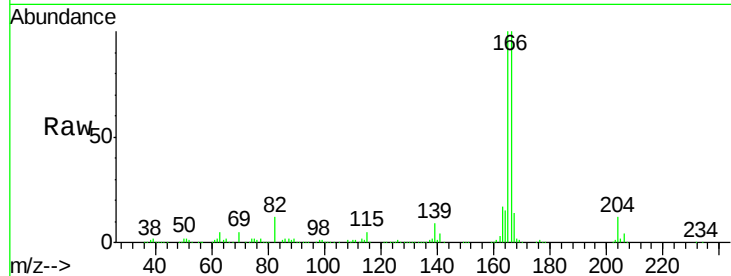
Tgt Ion:166 Resp: 834468

Ion Ratio Lower Upper

166 100

165 100.3 77.8 116.8

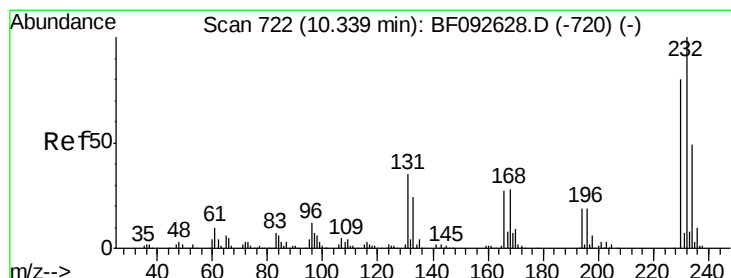
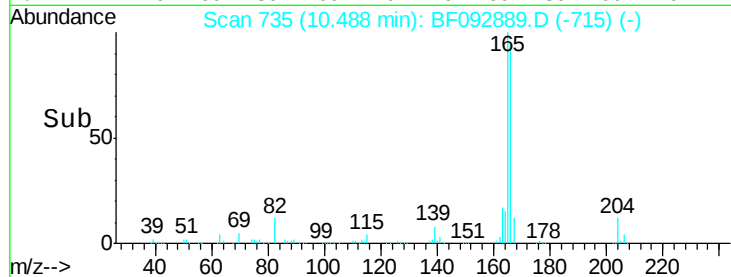
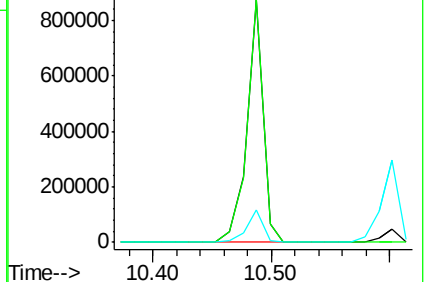
167 13.6 10.8 16.2



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: 40.43 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Tgt Ion:232 Resp: 212535

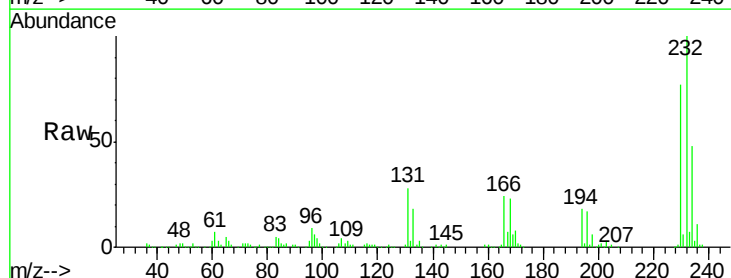
Ion Ratio Lower Upper

232 100

131 45.7 40.1 60.1

130 2.1 1.8 2.8

166 31.5 26.6 39.8

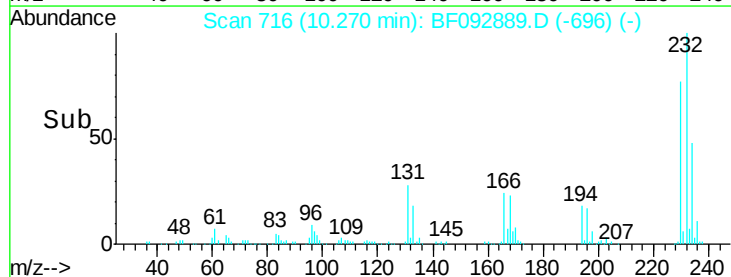
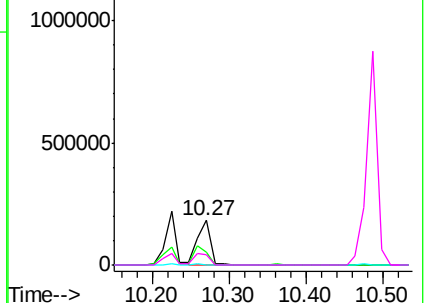


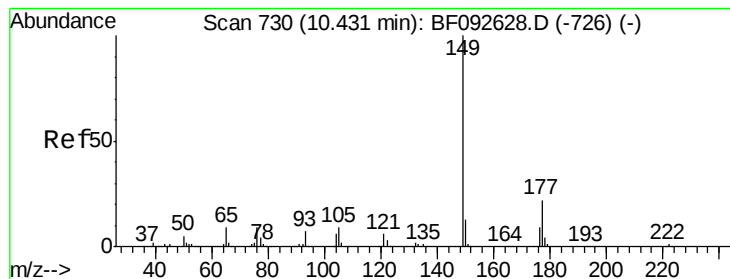
Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.56 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB96841BS

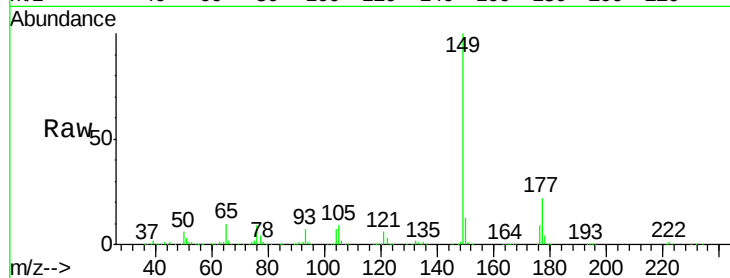
Tgt Ion:149 Resp: 904771

Ion Ratio Lower Upper

149 100

177 21.9 16.6 25.0

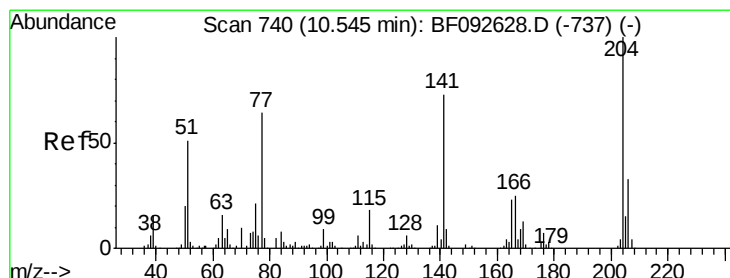
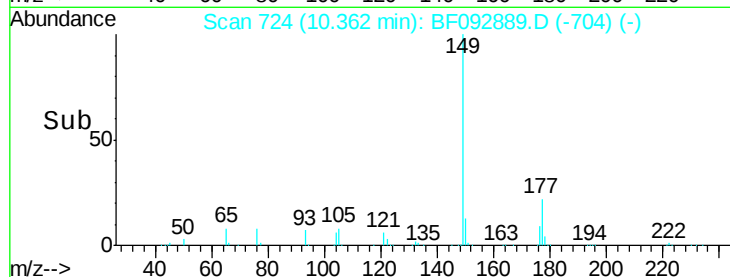
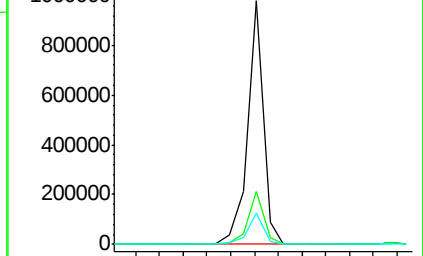
150 12.8 10.4 15.6



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: 32.43 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

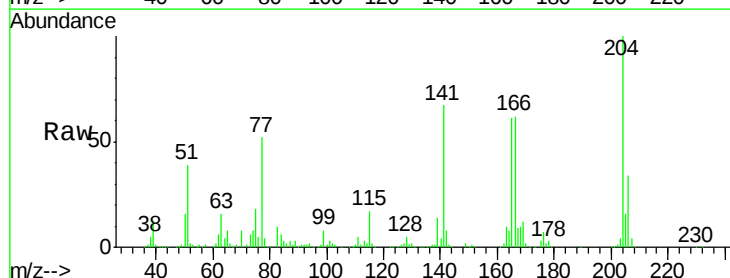
Tgt Ion:204 Resp: 365688

Ion Ratio Lower Upper

204 100

206 34.5 25.8 38.6

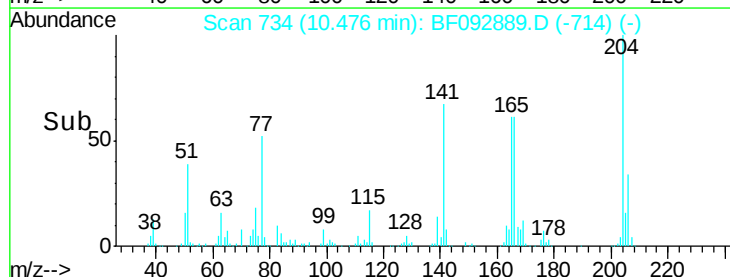
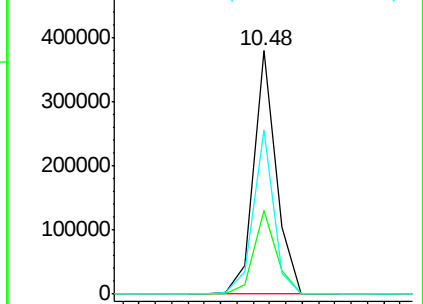
141 67.5 59.4 89.0

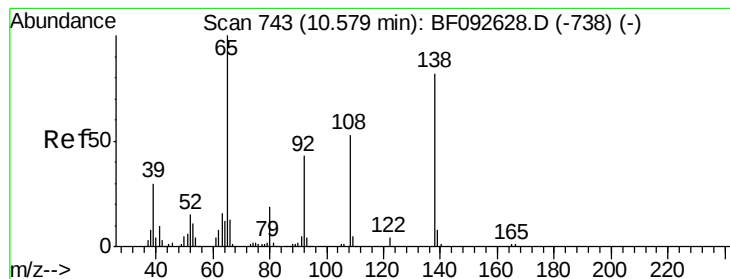


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 28.45 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB96841BS

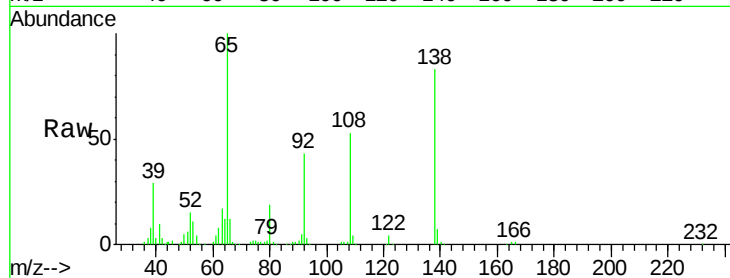
Tgt Ion:138 Resp: 189104

Ion Ratio Lower Upper

138 100

92 51.2 31.7 71.7

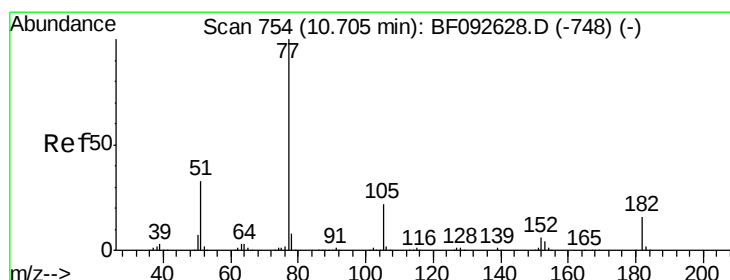
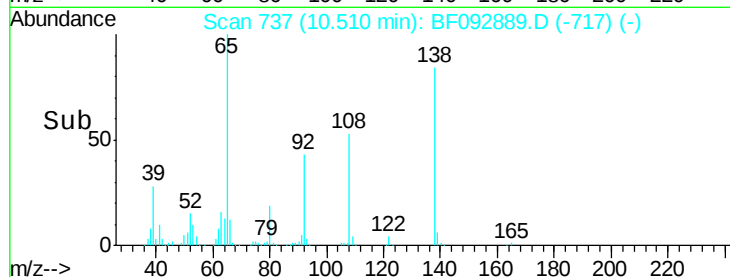
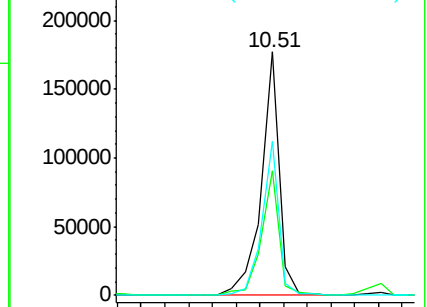
108 63.3 52.6 92.6



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: 37.58 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Tgt Ion: 77 Resp: 960918

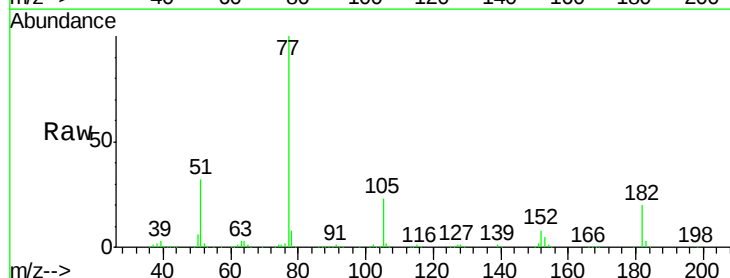
Ion Ratio Lower Upper

77 100

182 20.3 0.0 39.3

105 22.9 2.3 42.3

51 31.8 8.9 48.9

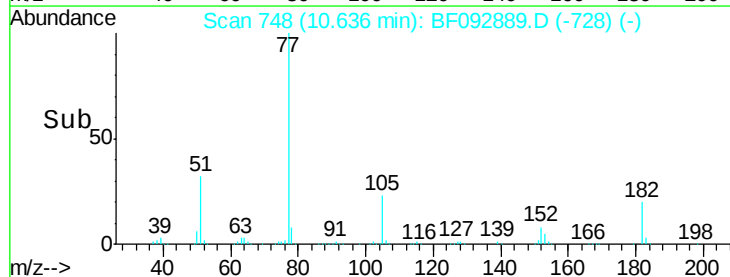
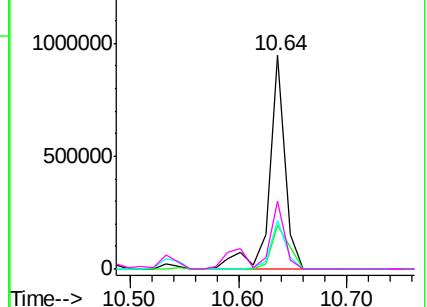


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

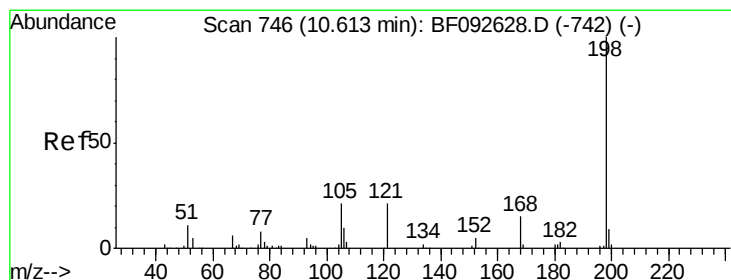
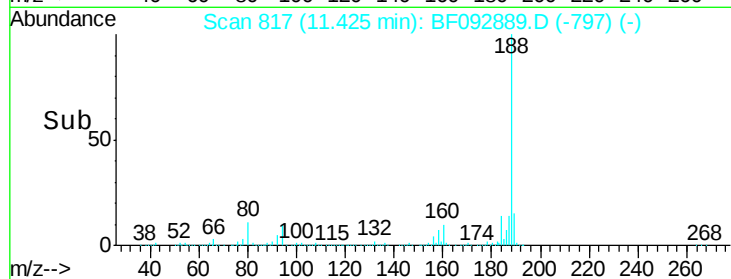
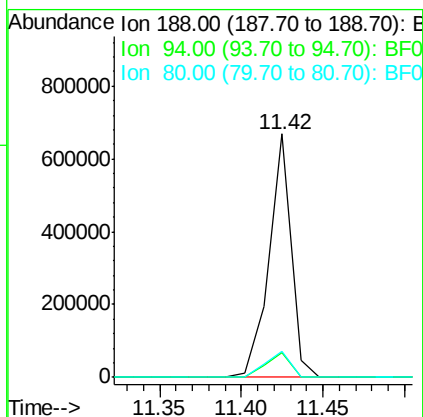
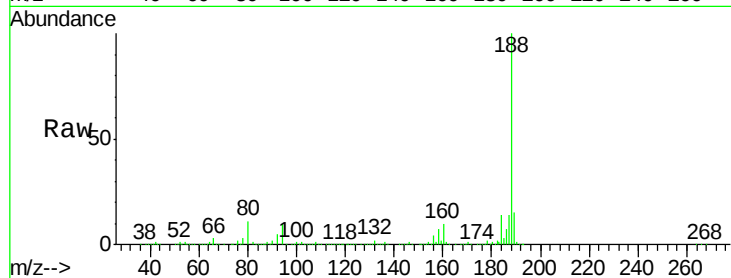




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.07 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

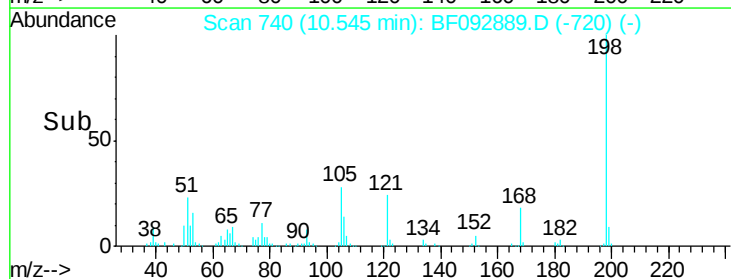
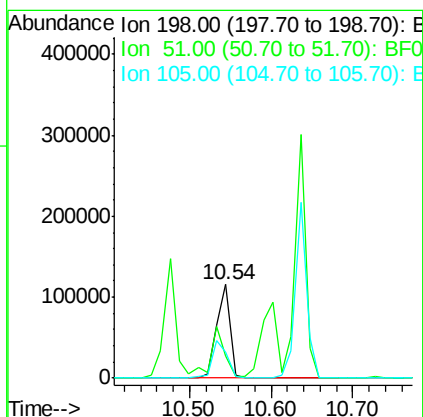
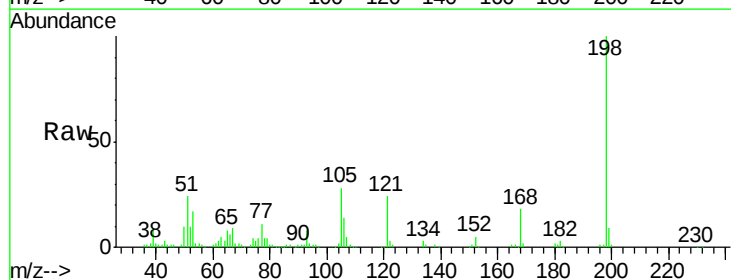
Instrument :
BNA_F
ClientSampleId :
PB96841BS

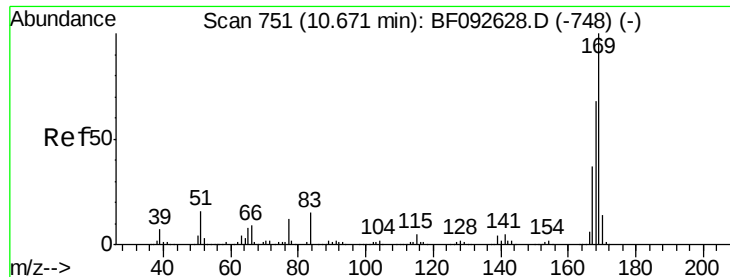
Tgt Ion:188 Resp: 633762
Ion Ratio Lower Upper
188 100
94 9.9 10.0 15.0#
80 10.6 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 35.68 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.07 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion:198 Resp: 134834
Ion Ratio Lower Upper
198 100
51 23.9 6.7 46.7
105 27.5 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 39.07 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB96841BS

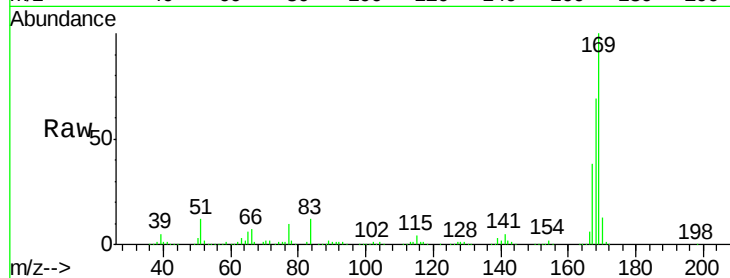
Tgt Ion:169 Resp: 791048

Ion Ratio Lower Upper

169 100

168 68.6 54.2 81.2

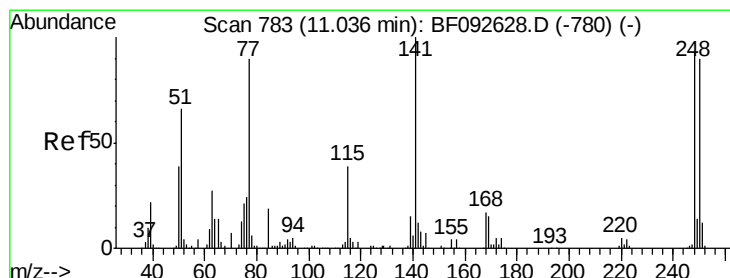
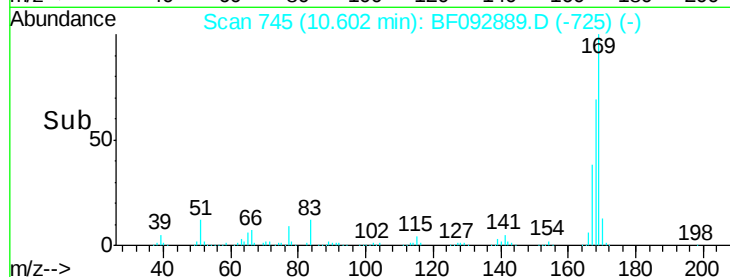
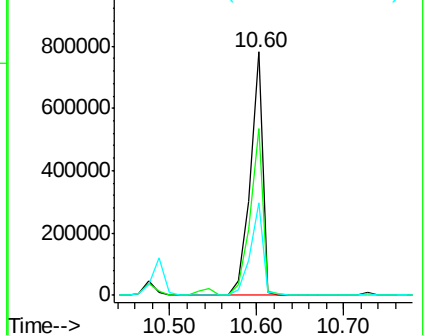
167 38.2 30.2 45.4



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: 35.42 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

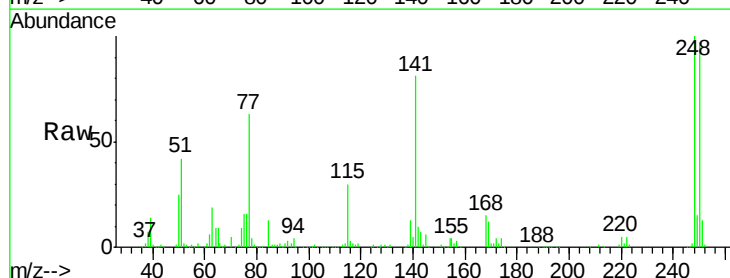
Tgt Ion:248 Resp: 234512

Ion Ratio Lower Upper

248 100

250 97.1 76.9 115.3

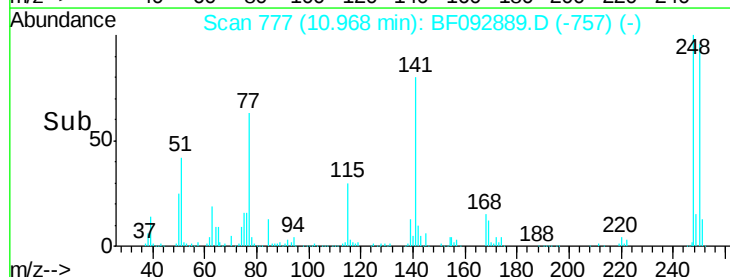
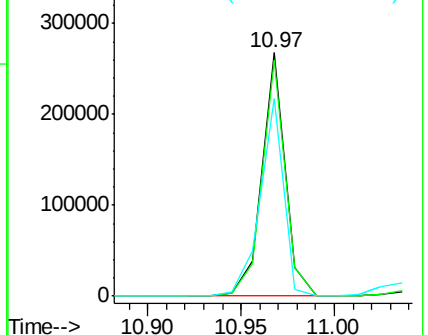
141 80.9 68.2 102.4

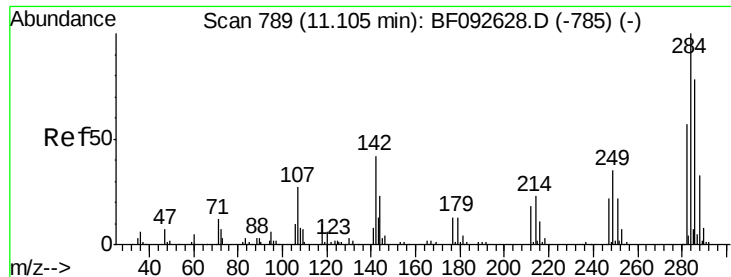


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

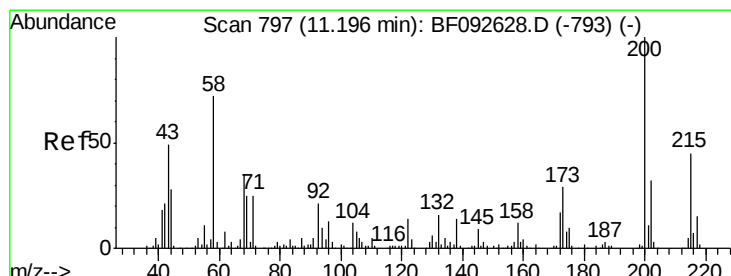
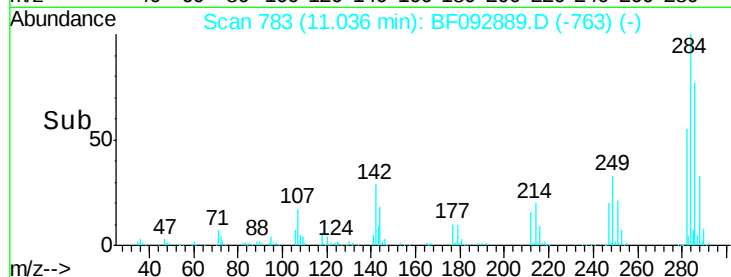
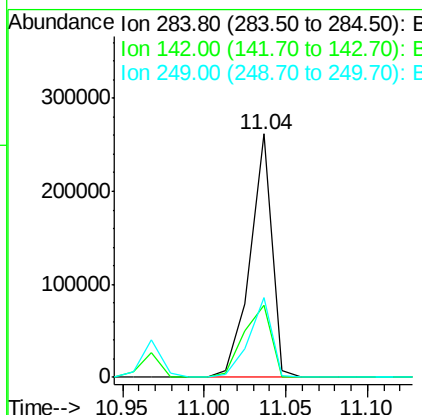
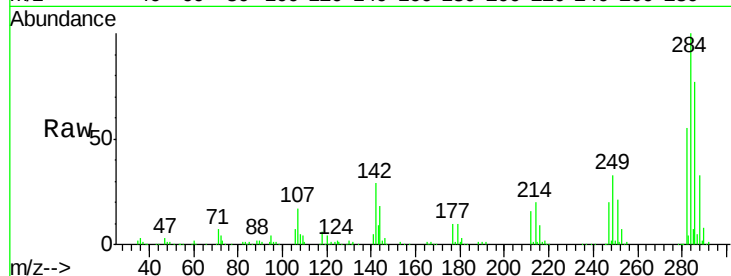




#67
Hexachlorobenzene
Concen: 37.44 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.07 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

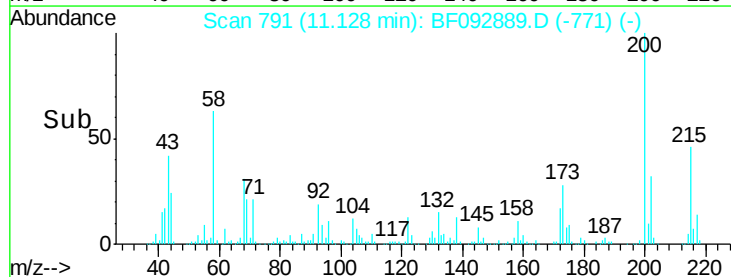
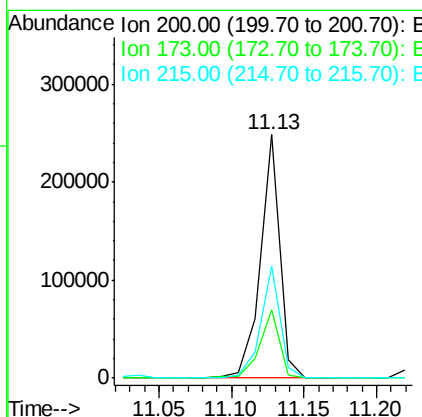
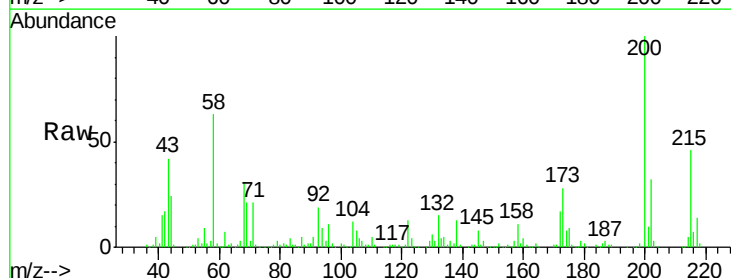
Instrument :
BNA_F
ClientSampleId :
PB96841BS

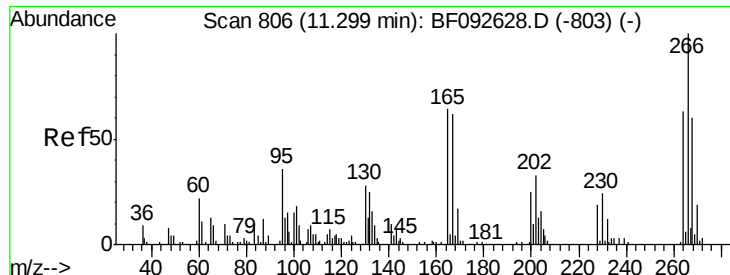
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.4	22.6	33.8
249	32.6	25.4	38.0



#68
Atrazine
Concen: 35.49 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.07 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.2	9.6	49.6
215	46.0	25.7	65.7

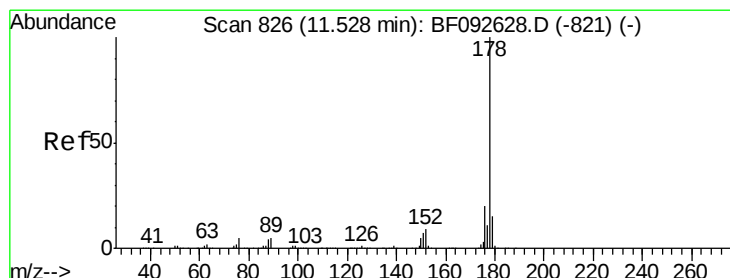
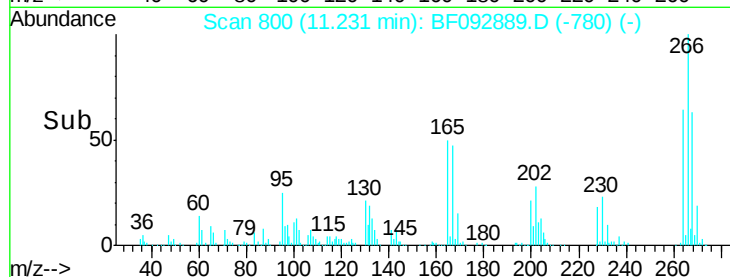
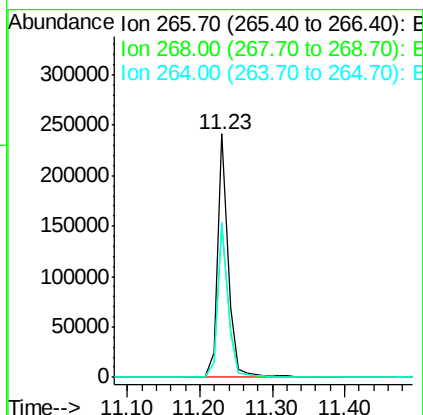
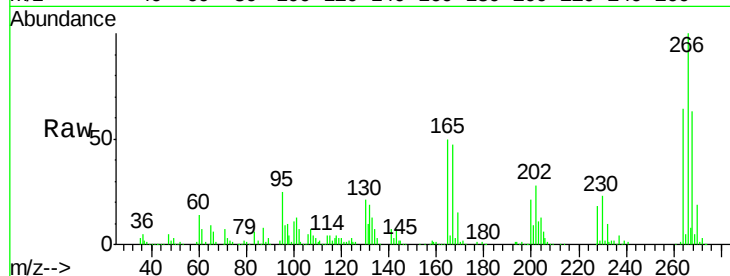




#69
 Pentachlorophenol
 Concen: 73.93 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.07 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

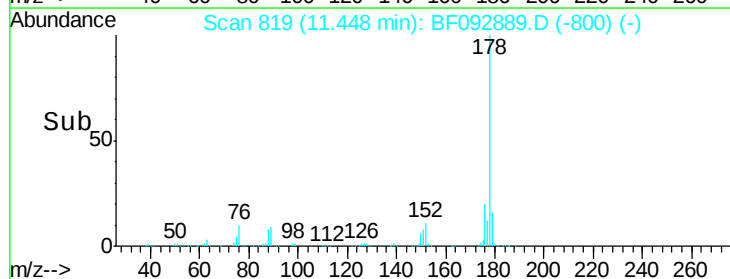
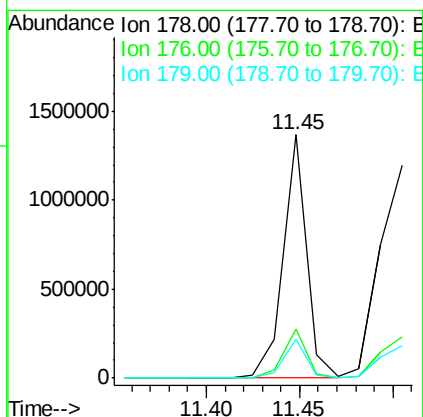
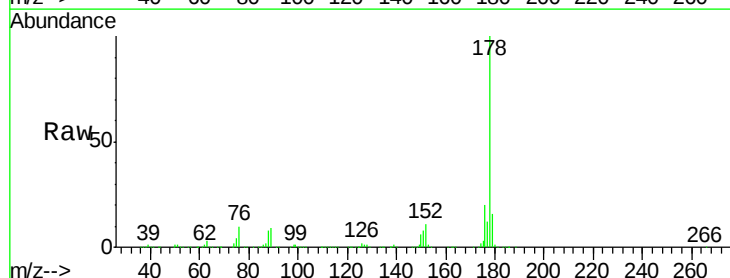
Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

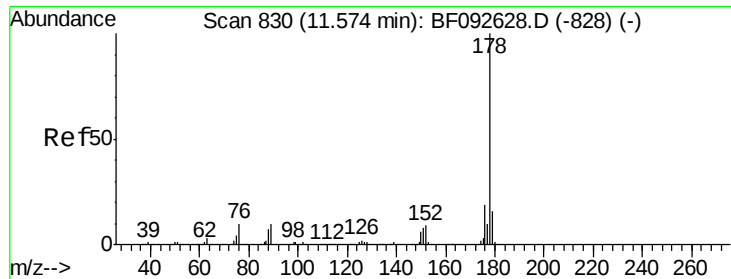
Tgt Ion: 266 Resp: 247686
 Ion Ratio Lower Upper
 266 100
 268 62.6 53.3 79.9
 264 63.7 50.3 75.5



#70
 Phenanthrene
 Concen: 33.01 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.08 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion: 178 Resp: 1198482
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.6 25.0
 179 16.2 12.8 19.2

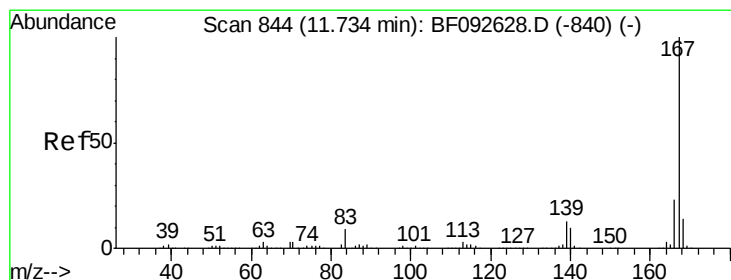
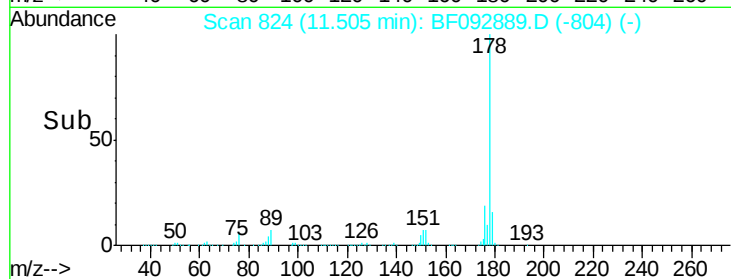
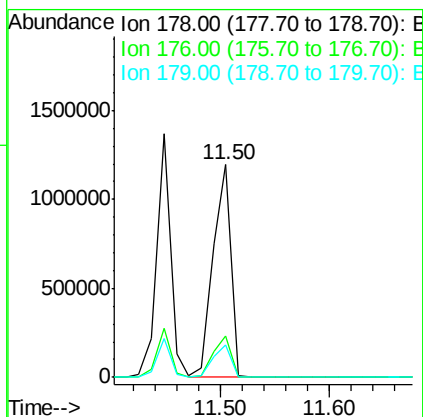
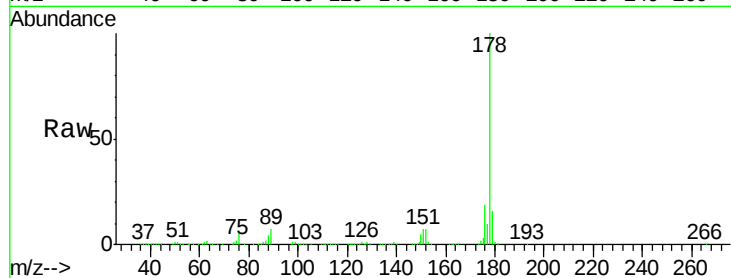




#71
 Anthracene
 Concen: 37.97 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.07 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

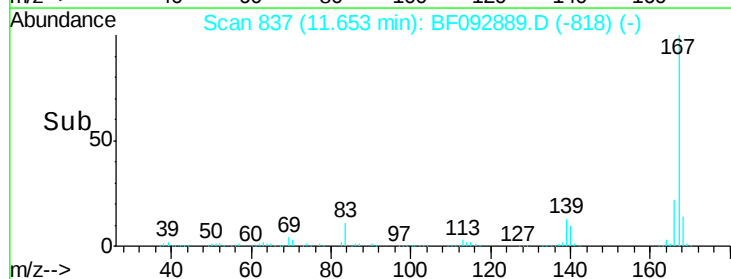
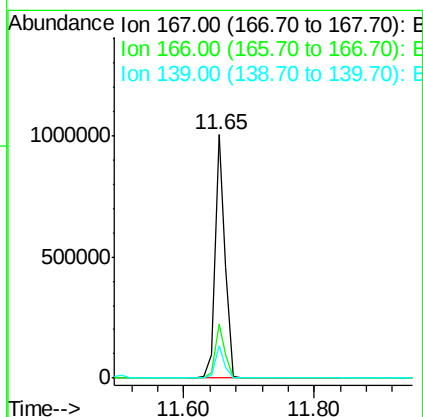
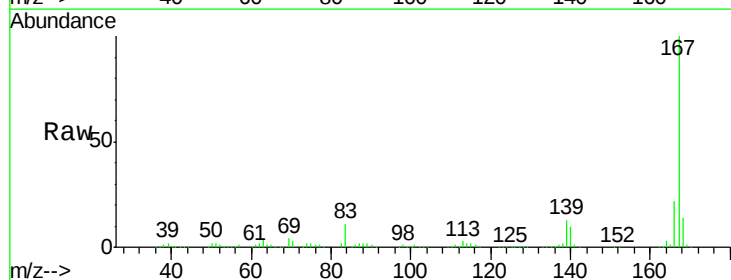
Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

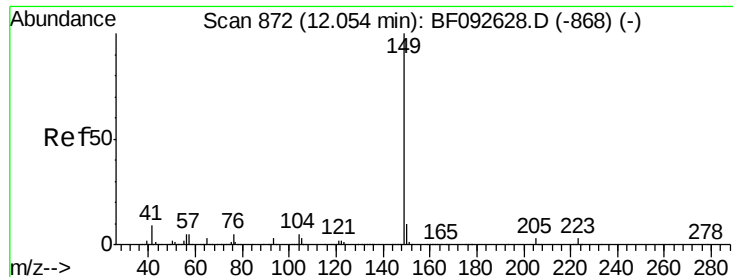
Tgt Ion:178 Resp: 1384472
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 15.5 13.2 19.8



#72
 Carbazole
 Concen: 31.32 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.08 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion:167 Resp: 1091592
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 13.2 11.4 17.2

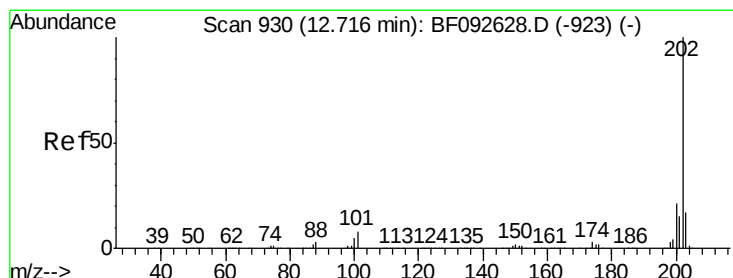
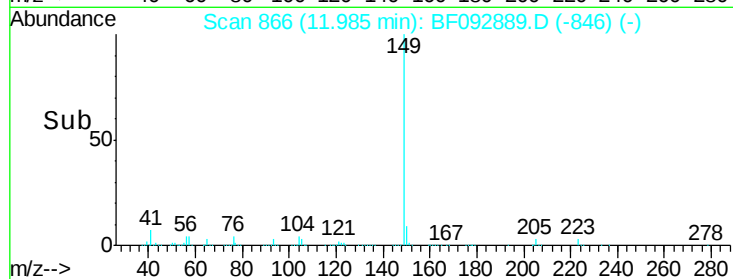
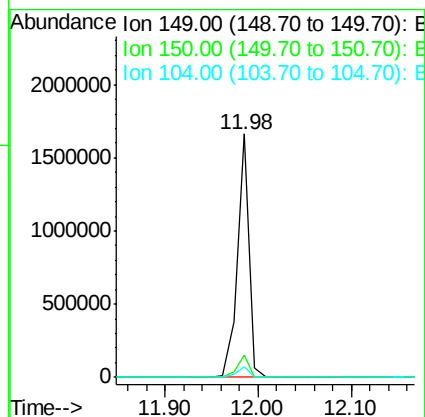
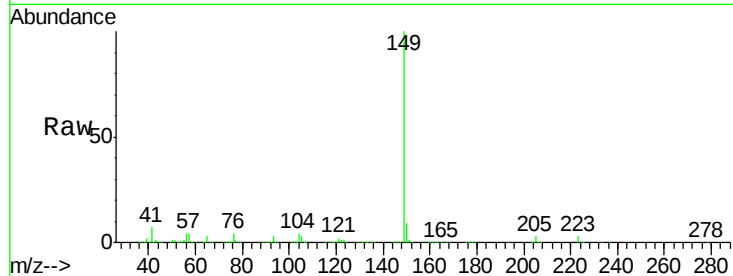




#73
Di-n-butylphthalate
Concen: 38.60 ng
RT: 11.98 min Scan# 866
Delta R.T. -0.07 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

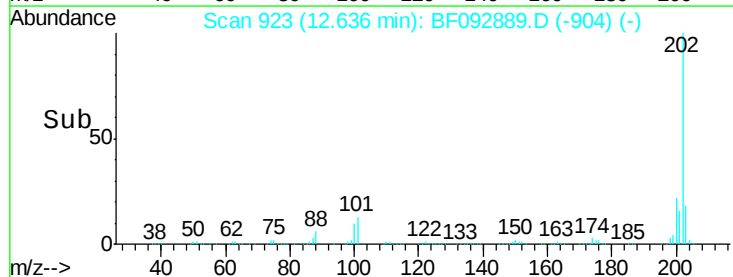
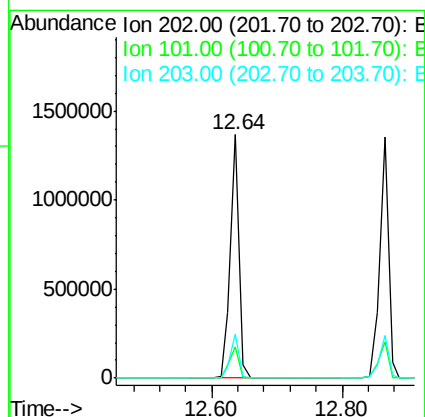
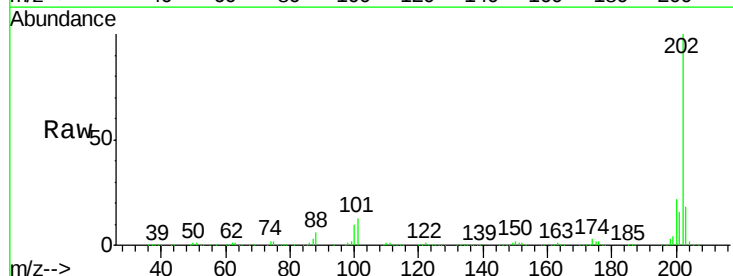
Instrument :
BNA_F
ClientSampleId :
PB96841BS

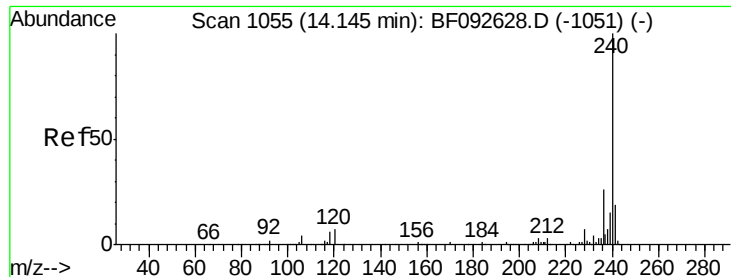
Tgt Ion:149 Resp: 1455112
Ion Ratio Lower Upper
149 100
150 9.3 8.1 12.1
104 4.2 4.6 7.0#



#74
Fluoranthene
Concen: 33.70 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.08 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion:202 Resp: 1262162
Ion Ratio Lower Upper
202 100
101 12.8 0.0 34.6
203 18.0 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: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB96841BS

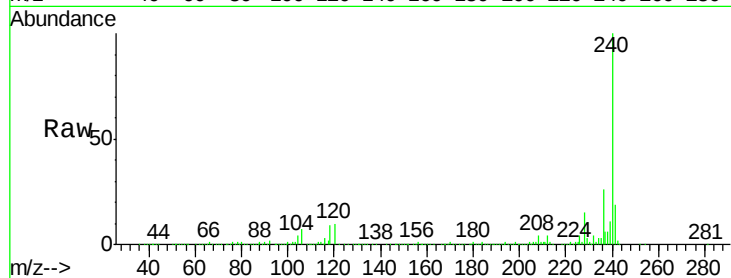
Tgt Ion:240 Resp: 524158

Ion Ratio Lower Upper

240 100

120 10.5 12.9 19.3#

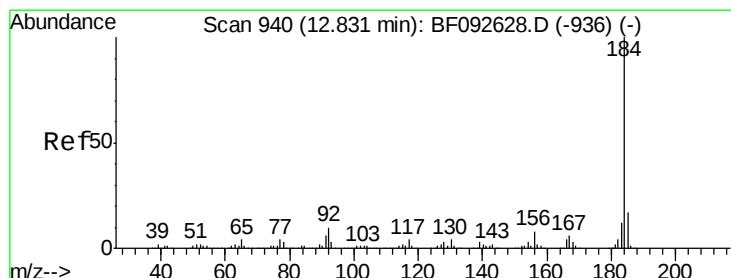
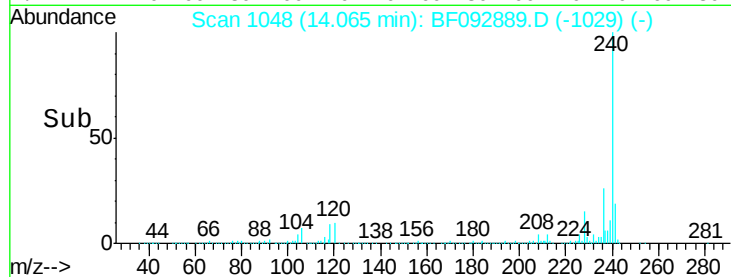
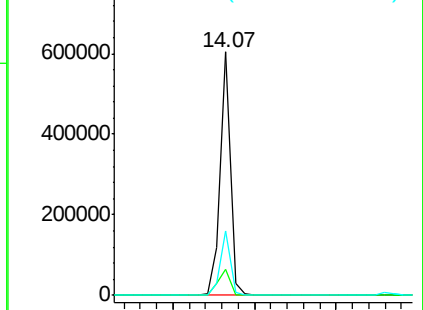
236 26.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 12.55 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

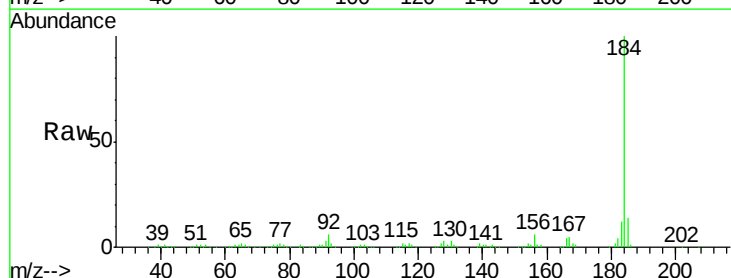
Tgt Ion:184 Resp: 280351

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.0

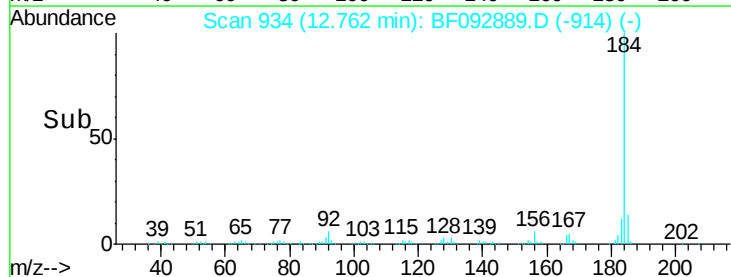
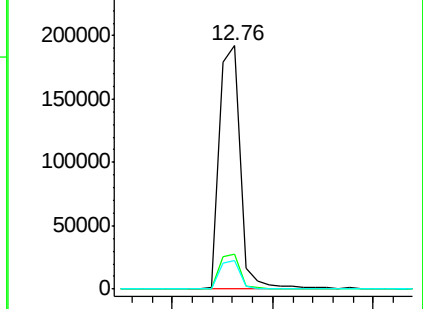
183 11.9 9.2 13.8

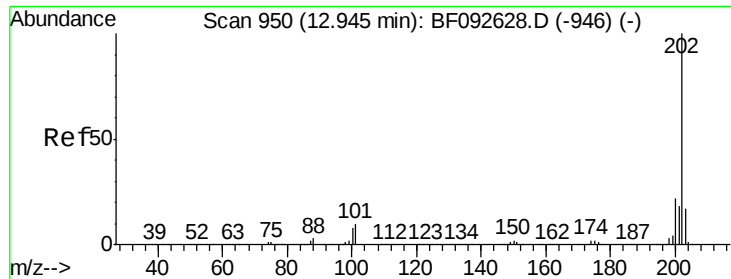


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

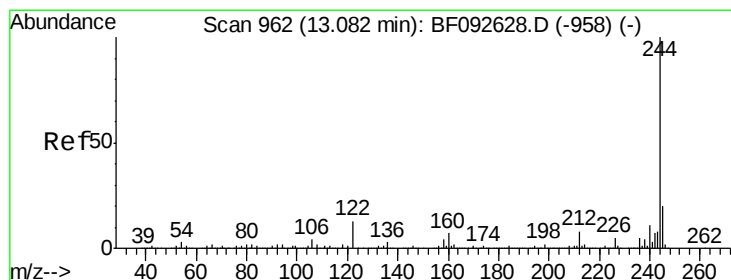
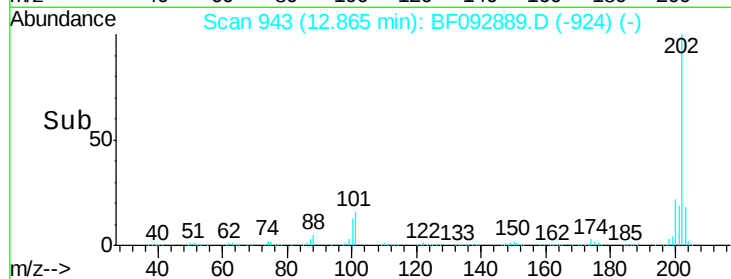
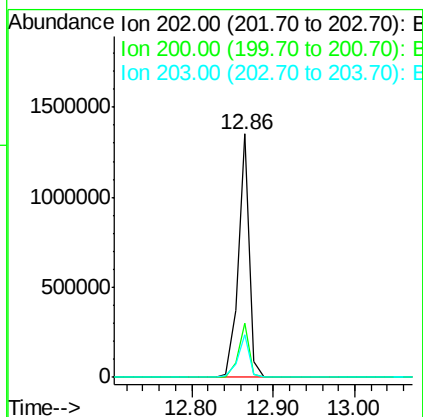
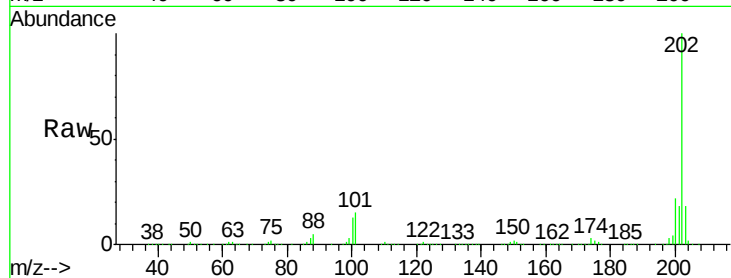




#77
 Pyrene
 Concen: 32.02 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.08 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

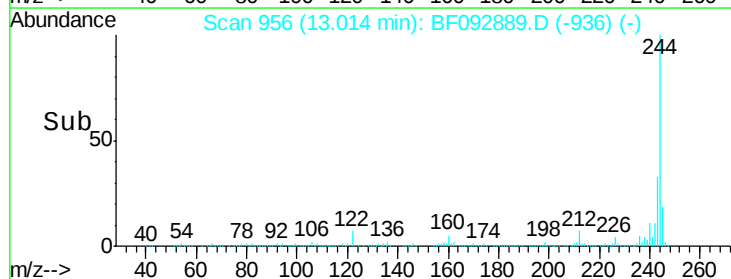
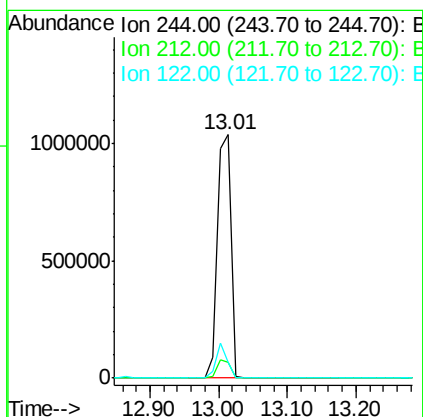
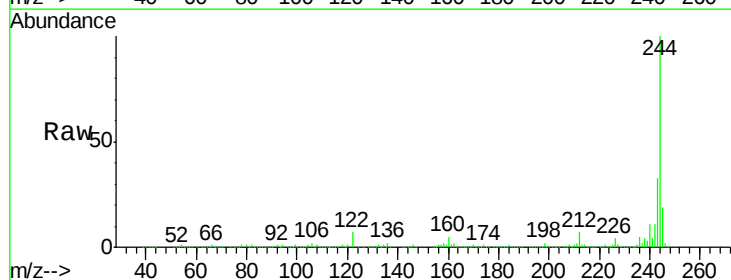
Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

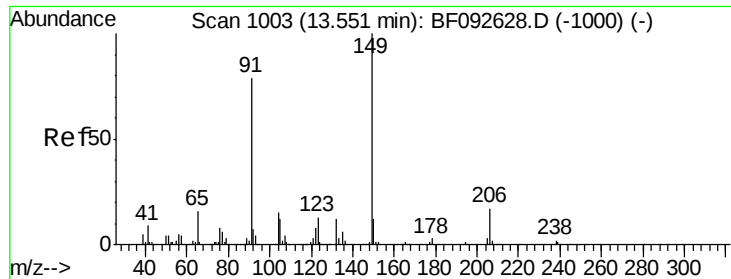
Tgt Ion:202 Resp: 1255927
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.7 26.5
 203 17.8 14.7 22.1



#78
 Terphenyl-d14
 Concen: 65.47 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.07 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion:244 Resp: 1460520
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.2 9.2
 122 6.7 11.4 17.2#

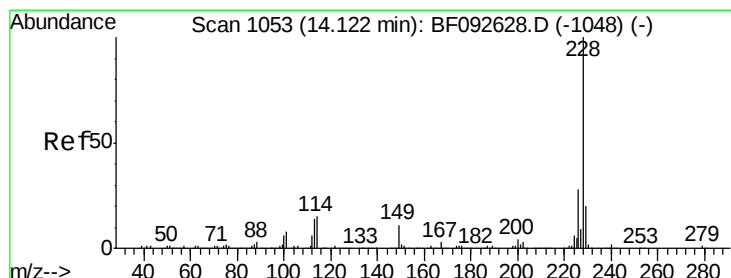
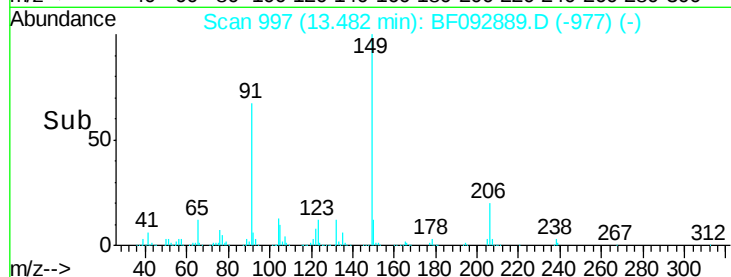
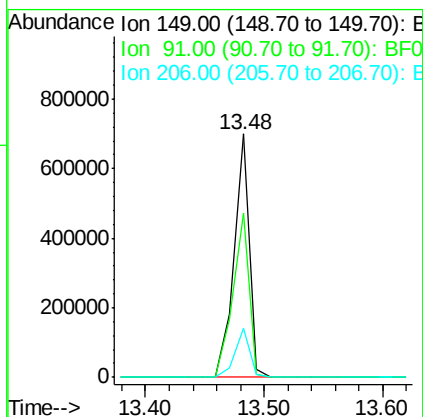
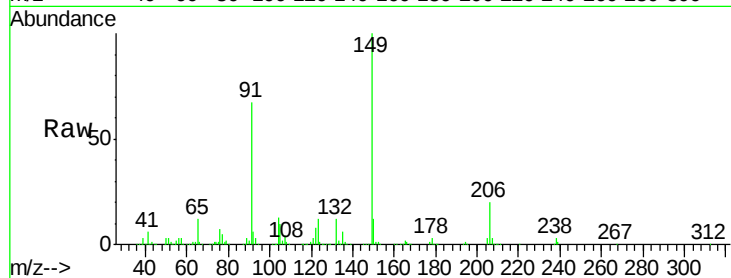




#79
Butylbenzylphthalate
Concen: 39.25 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.07 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

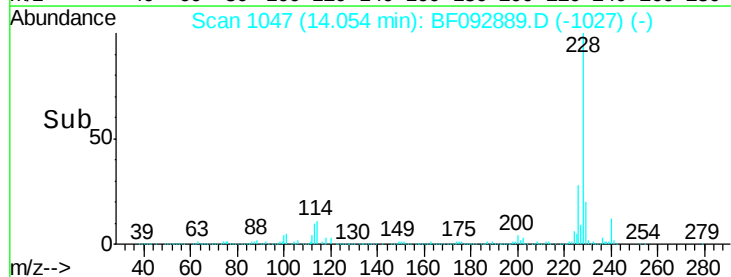
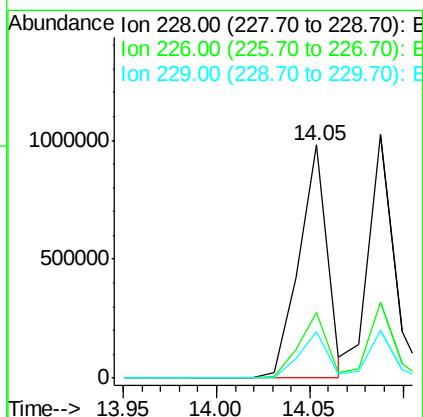
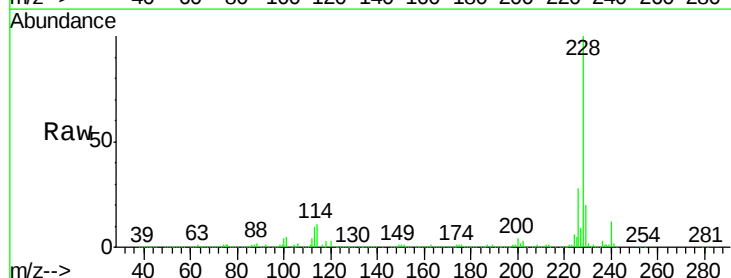
Instrument :
BNA_F
ClientSampleId :
PB96841BS

Tgt Ion:149 Resp: 625166
Ion Ratio Lower Upper
149 100
91 67.4 63.9 95.9
206 20.2 14.6 21.8



#80
Benzo(a)anthracene
Concen: 32.38 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.07 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion:228 Resp: 1038146
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 19.9 16.2 24.4

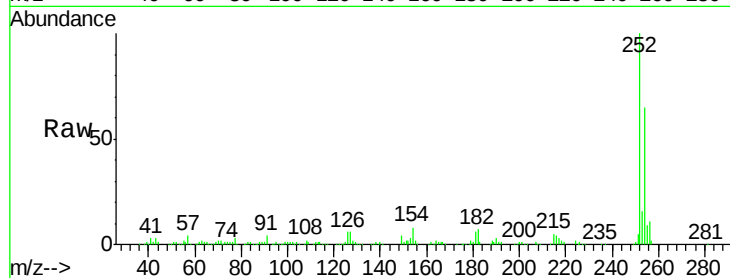




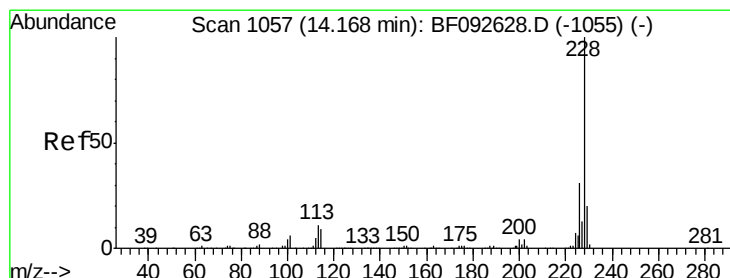
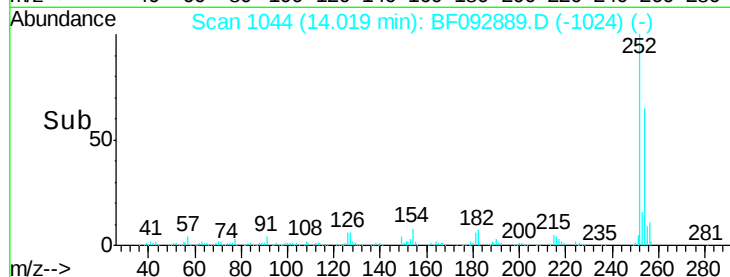
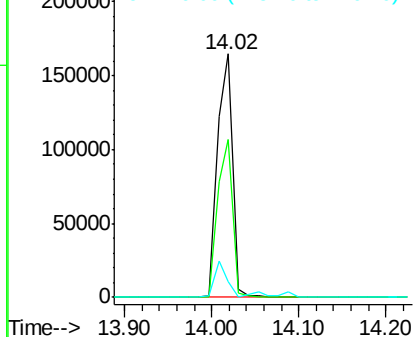
#81
 3,3'-Dichlorobenzidine
 Concen: 17.93 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.07 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BS

Tgt Ion: 252 Resp: 204931
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.3 78.5
 126 6.3 13.6 20.4#

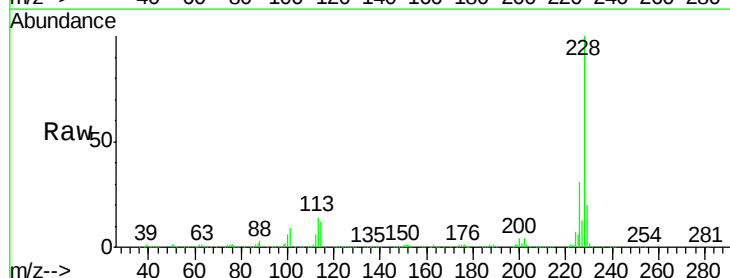


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

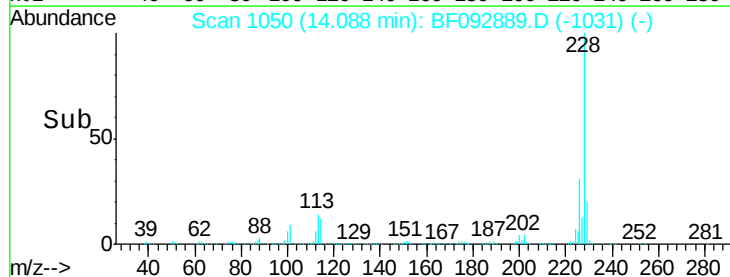
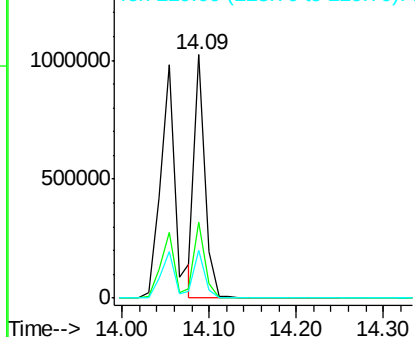


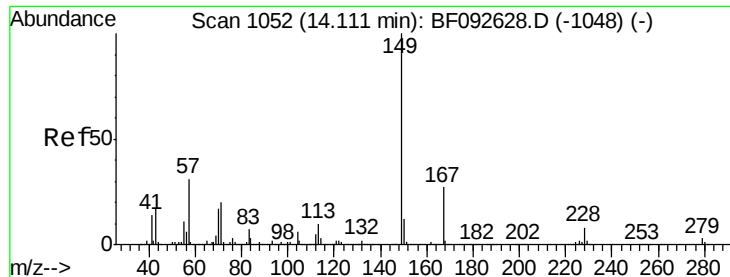
#82
 Chrysene
 Concen: 28.46 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.08 min
 Lab File: BF092889.D
 Acq: 10 Feb 2017 18:07

Tgt Ion: 228 Resp: 854192
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.0
 229 19.7 16.2 24.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.61 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.07 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB96841BS

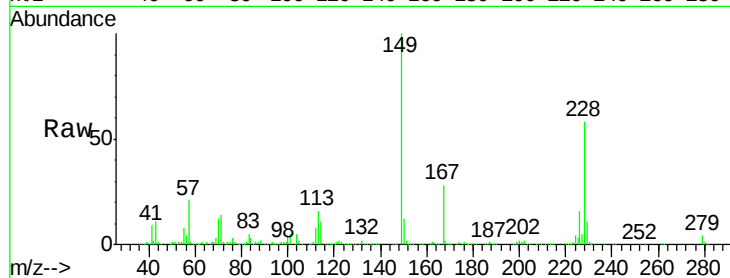
Tgt Ion:149 Resp: 819410

Ion Ratio Lower Upper

149 100

167 27.9 20.2 30.4

279 4.2 1.8 2.8#

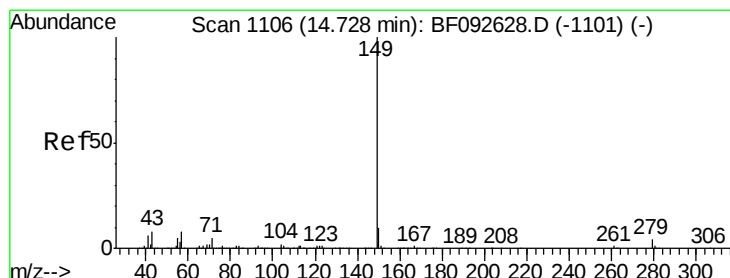
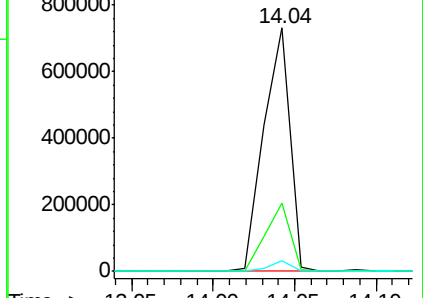
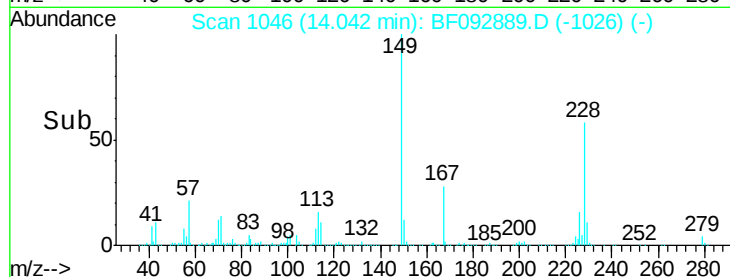


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

14.04



#84

Di-n-octyl phthalate

Concen: 39.30 ng

RT: 14.65 min Scan# 1099

Delta R.T. -0.08 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

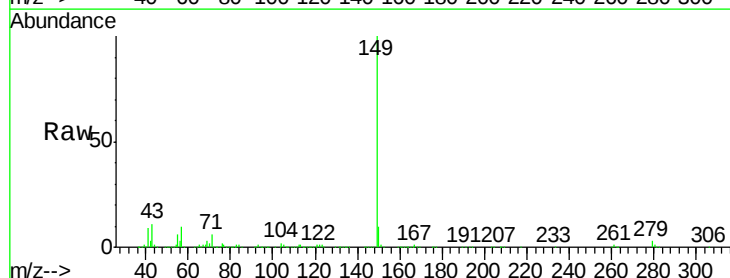
Tgt Ion:149 Resp: 1394054

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.5 8.9 13.3

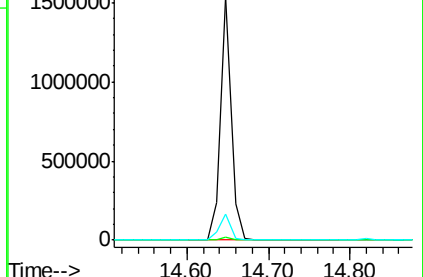
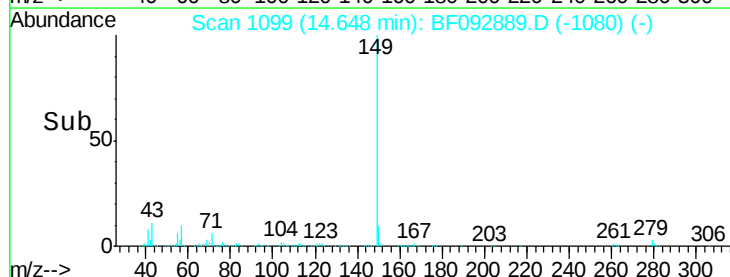


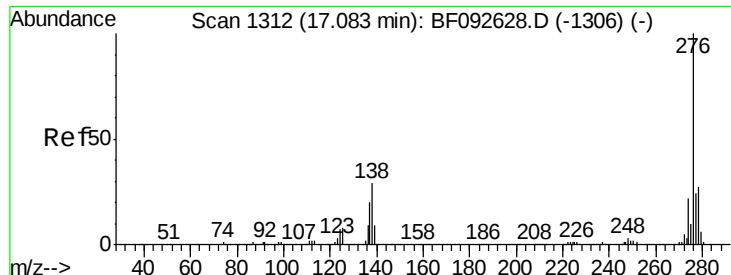
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

14.65

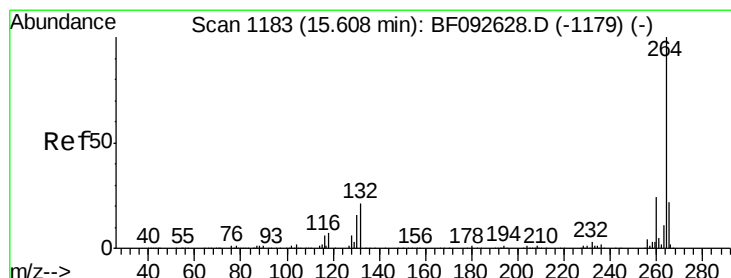
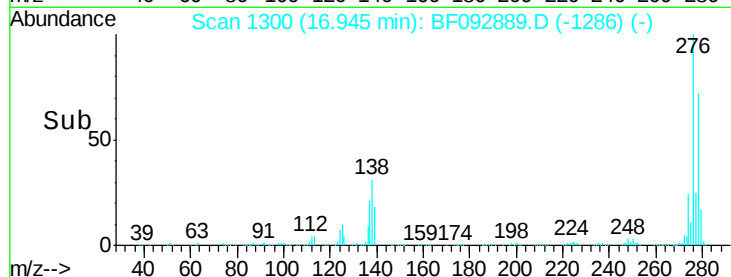
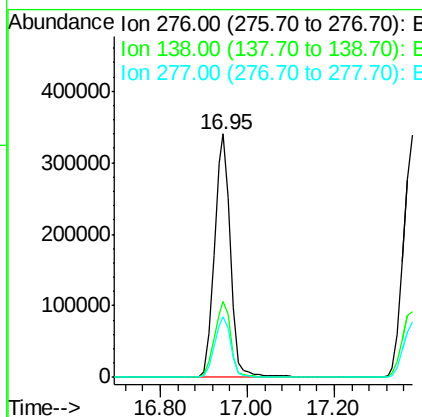
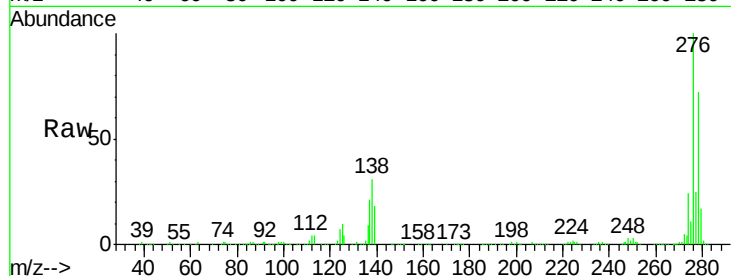




#85
Indeno(1,2,3-cd)pyrene
Concen: 38.19 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.14 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

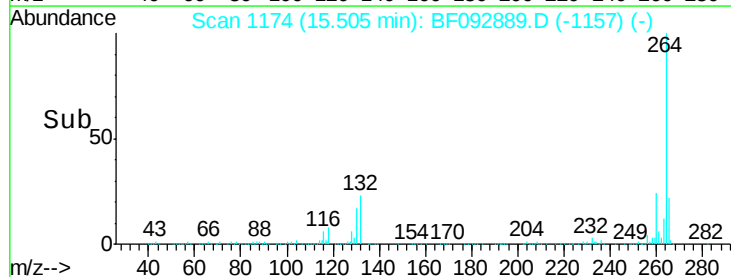
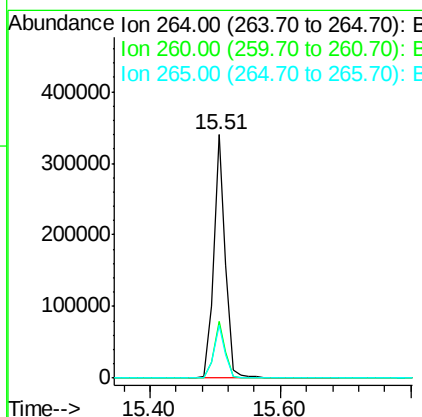
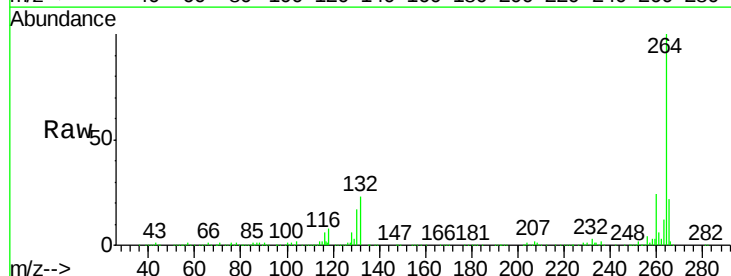
Instrument :
BNA_F
ClientSampleId :
PB96841BS

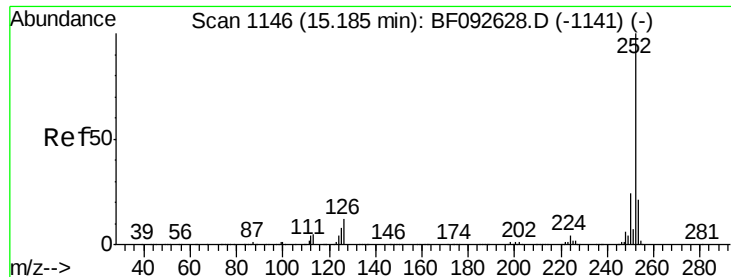
Tgt Ion: 276 Resp: 887994
Ion Ratio Lower Upper
276 100
138 31.9 21.8 32.6
277 25.3 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.10 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion: 264 Resp: 428407
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.9 17.4 26.0

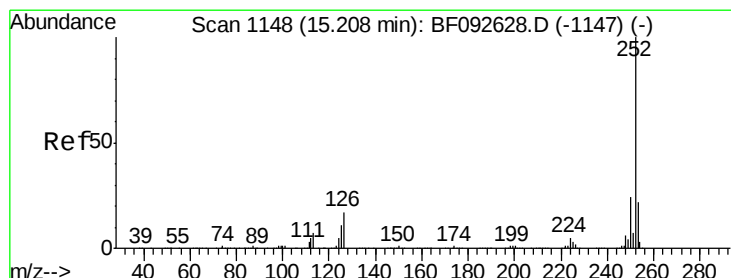
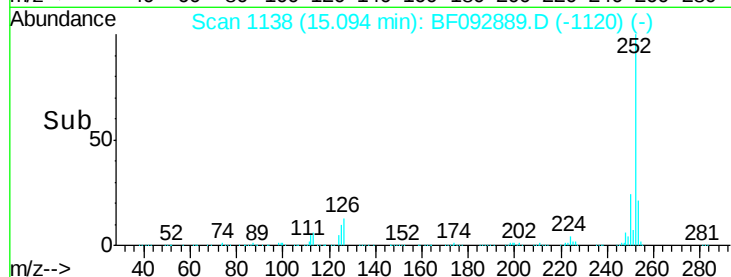
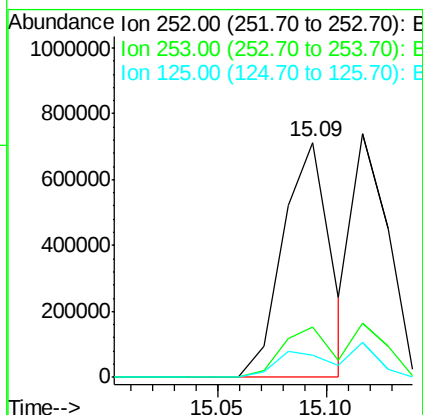
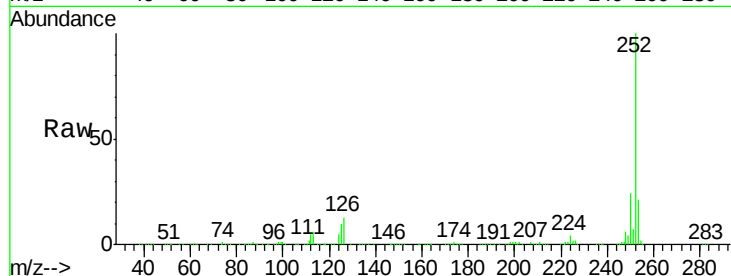




#87
Benzo(b)fluoranthene
Concen: 38.26 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.09 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

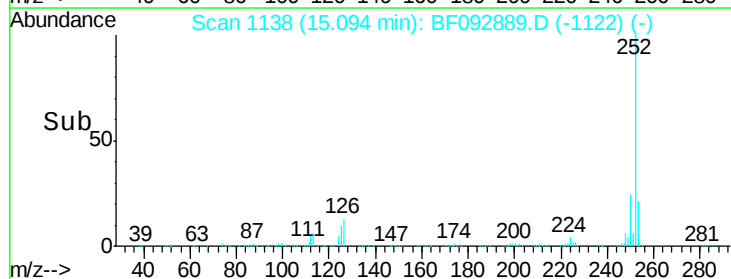
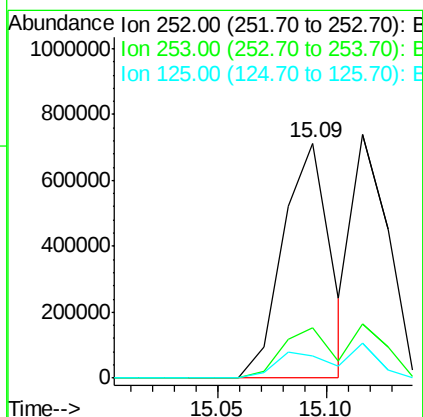
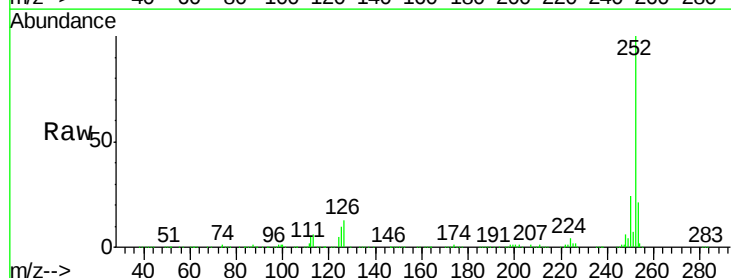
Instrument :
BNA_F
ClientSampleId :
PB96841BS

Tgt Ion:252 Resp: 1078930
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.4
125 9.7 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 44.32 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.11 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion:252 Resp: 1078930
Ion Ratio Lower Upper
252 100
253 21.4 18.5 27.7
125 9.7 8.9 13.3

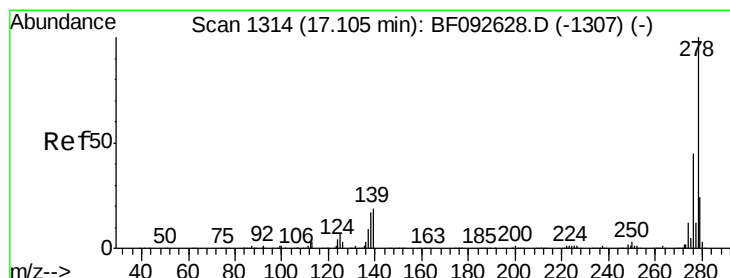
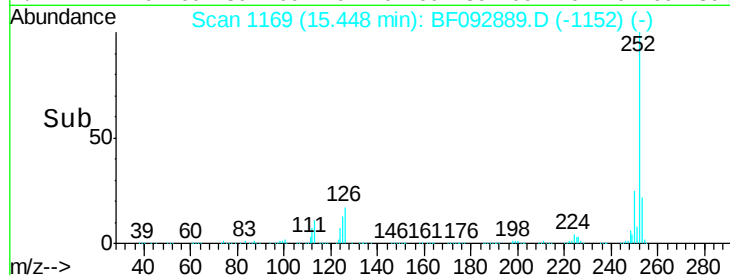
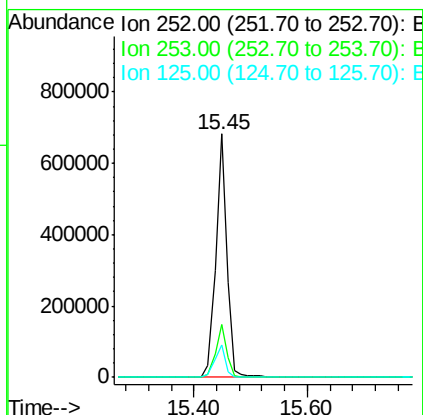
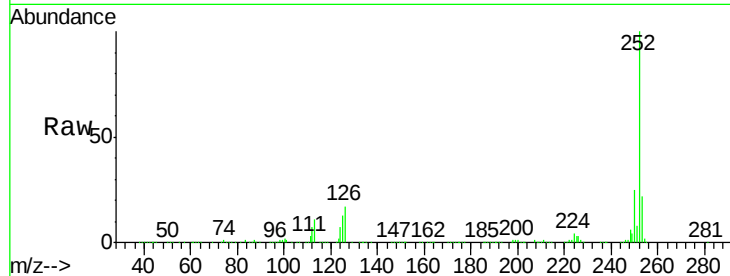




#89
Benzo(a)pyrene
Concen: 37.41 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.10 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

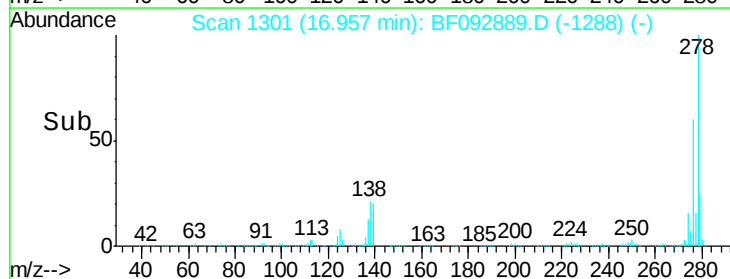
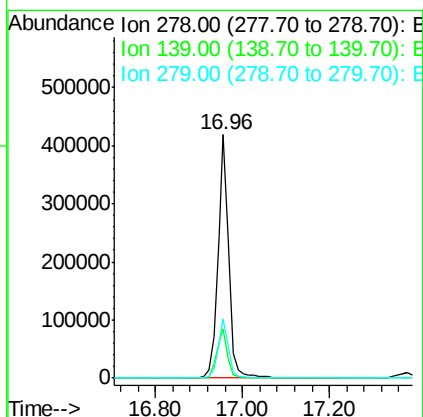
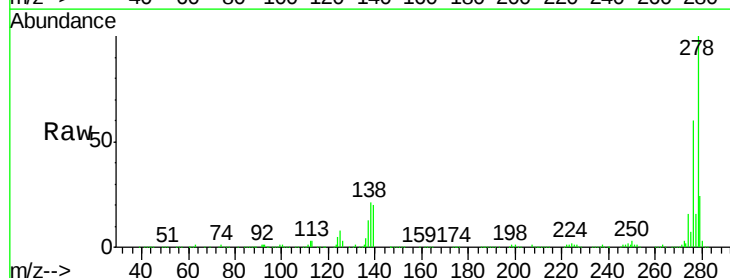
Instrument :
BNA_F
ClientSampleId :
PB96841BS

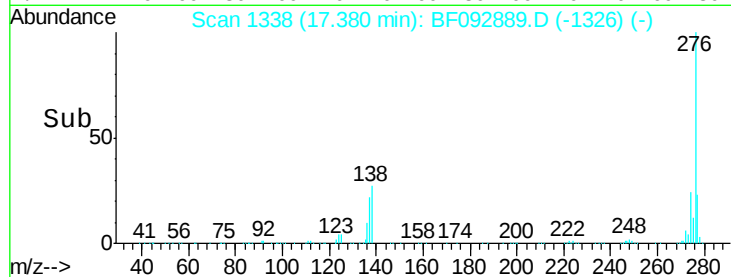
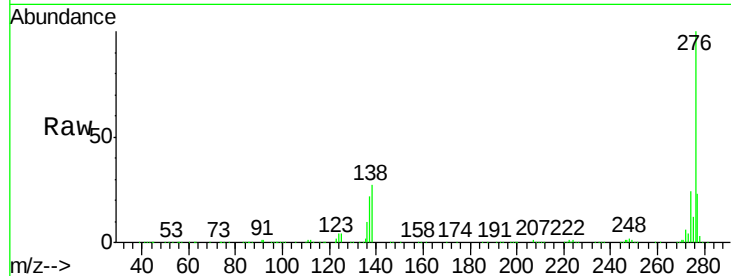
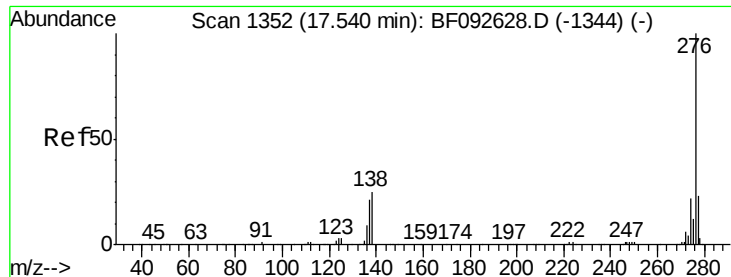
Tgt Ion: 252 Resp: 912483
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 13.2 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 38.04 ng
RT: 16.96 min Scan# 1301
Delta R.T. -0.15 min
Lab File: BF092889.D
Acq: 10 Feb 2017 18:07

Tgt Ion: 278 Resp: 749948
Ion Ratio Lower Upper
278 100
139 20.4 14.8 22.2
279 24.5 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 37.23 ng

RT: 17.38 min Scan# 1338

Delta R.T. -0.16 min

Lab File: BF092889.D

Acq: 10 Feb 2017 18:07

Instrument :

BNA_F

ClientSampleId :

PB96841BS

Tgt Ion:276 Resp: 741509

Ion Ratio Lower Upper

276 100

277 23.1 19.2 28.8

138 26.9 16.0 24.0#

