

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091392.D
 Acq On : 2 Dec 2016 16:38
 Operator : UM/SJ
 Sample : PB95000BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

Quant Time: Dec 02 22:18:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	197723	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	813355	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	464622	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	848303	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	647071	20.00	ng	-0.02
86) Perylene-d12	15.45	264	535951	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1145203	94.62	ng	0.00
7) Phenol-d6	6.49	99	1408503	94.54	ng	0.00
23) Nitrobenzene-d5	7.42	82	981524	67.63	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	443904	100.92	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1663178	64.81	ng	-0.02
78) Terphenyl-d14	12.97	244	1944556	65.32	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	154701	28.25	ng	# 84
3) Pyridine	3.26	79	463357	29.90	ng	88
4) n-Nitrosodimethylamine	3.21	42	282880	34.79	ng	97
6) Aniline	6.52	93	440000	22.23	ng	# 74
8) 2-Chlorophenol	6.64	128	418570	31.54	ng	# 79
9) Benzaldehyde	6.40	77	133724	13.96	ng	85
10) Phenol	6.50	94	566684	32.32	ng	100
11) bis(2-Chloroethyl)ether	6.60	93	405507	32.37	ng	96
12) 1,3-Dichlorobenzene	6.80	146	483158	32.73	ng	99
13) 1,4-Dichlorobenzene	6.88	146	483279	32.91	ng	97
14) 1,2-Dichlorobenzene	7.03	146	439978	32.17	ng	98
15) Benzyl Alcohol	7.01	79	417166	34.99	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	856051	31.78	ng	72
17) 2-Methylphenol	7.12	107	359985	34.32	ng	# 75
18) Hexachloroethane	7.37	117	167198	32.07	ng	# 88
19) n-Nitroso-di-n-propylamine	7.28	70	336108	35.81	ng	# 91
20) 3+4-Methylphenols	7.27	107	430622	33.63	ng	# 62
22) Acetophenone	7.27	105	584041	30.30	ng	# 79
24) Nitrobenzene	7.44	77	465994	31.36	ng	# 91
25) Isophorone	7.68	82	866494	33.70	ng	98
26) 2-Nitrophenol	7.76	139	244891	36.16	ng	88
27) 2,4-Dimethylphenol	7.80	122	405749	32.03	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	564387	36.47	ng	99
29) 2,4-Dichlorophenol	8.00	162	382787	34.35	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	408789	32.72	ng	95
31) Naphthalene	8.17	128	1239122	32.06	ng	99
32) Benzoic acid	7.92	122	294671	31.56	ng	93
33) 4-Chloroaniline	8.22	127	225104	13.62	ng	95
34) Hexachlorobutadiene	8.29	225	232926	30.32	ng	98
35) Caprolactam	8.58	113	79260	24.75	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	395994	32.91	ng	96
37) 2-Methylnaphthalene	8.86	142	835514	31.81	ng	93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	422616	32.27	ng	98
40) Hexachlorocyclopentadiene	9.02	237	485689	80.00	ng	99

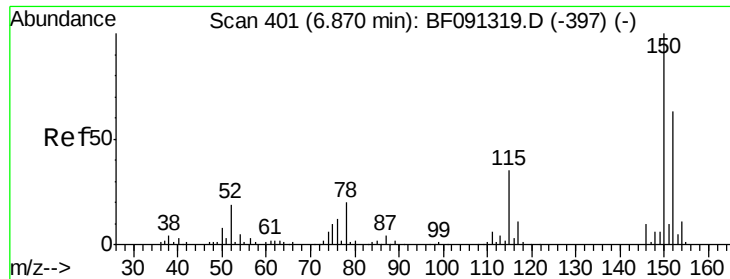
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	287096	33.73	ng	98
43) 2,4,5-Trichlorophenol	9.18	196	284498	33.35	ng	94
45) 1,1'-Biphenyl	9.33	154	1153874	34.54	ng	95
46) 2-Chloronaphthalene	9.35	162	835946	33.60	ng	96
47) 2-Nitroaniline	9.44	65	310561	34.75	ng	# 81
48) Acenaphthylene	9.76	152	1205988	30.79	ng	99
49) Dimethylphthalate	9.62	163	912567	32.44	ng	97
50) 2,6-Dinitrotoluene	9.68	165	206683	32.87	ng	92
51) Acenaphthene	9.93	154	876802	33.19	ng	96
52) 3-Nitroaniline	9.85	138	152770	20.99	ng	96
53) 2,4-Dinitrophenol	9.96	184	214312	77.94	ng	# 80
54) Dibenzofuran	10.10	168	1100506	31.11	ng	98
55) 4-Nitrophenol	10.01	139	326510	62.11	ng	97
56) 2,4-Dinitrotoluene	10.09	165	314710	38.58	ng	93
57) Fluorene	10.45	166	843821	31.07	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.23	232	247202	33.93	ng	97
59) Diethylphthalate	10.33	149	981139	35.33	ng	# 94
60) 4-Chlorophenyl-phenylether	10.45	204	439514	32.27	ng	99
61) 4-Nitroaniline	10.47	138	236430	34.59	ng	96
62) Azobenzene	10.61	77	1047912	36.98	ng	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	158167	33.84	ng	# 73
65) n-Nitrosodiphenylamine	10.56	169	792088	30.80	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	286016	31.37	ng	95
67) Hexachlorobenzene	11.00	284	300317	30.48	ng	# 86
68) Atrazine	11.09	200	243199	29.20	ng	99
69) Pentachlorophenol	11.19	266	376992	64.99	ng	96
70) Phenanthrene	11.41	178	1270887	28.83	ng	99
71) Anthracene	11.46	178	1487338	34.00	ng	99
72) Carbazole	11.61	167	1265919	31.89	ng	99
73) Di-n-butylphthalate	11.96	149	1539166	34.21	ng	99
74) Fluoranthene	12.60	202	1565379	37.49	ng	98
76) Benzidine	12.71	184	426752	22.47	ng	98
77) Pyrene	12.83	202	1570125	31.97	ng	99
79) Butylbenzylphthalate	13.44	149	610588	33.21	ng	88
80) Benzo(a)anthracene	14.00	228	1208962	31.95	ng	100
81) 3,3'-Dichlorobenzidine	13.97	252	267485	20.07	ng	# 98
82) Chrysene	14.05	228	1262691	33.72	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	840161	36.05	ng	# 92
84) Di-n-octyl phthalate	14.62	149	1396155	39.59	ng	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	1018624	29.71	ng	# 94
87) Benzo(b)fluoranthene	15.07	252	2052942	61.63	ng	98
88) Benzo(k)fluoranthene	15.07	252	2053297	73.30	ng	# 97
89) Benzo(a)pyrene	15.39	252	963959	32.22	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	847039	30.61	ng	# 93
91) Benzo(g,h,i)perylene	17.27	276	839780	29.44	ng	100

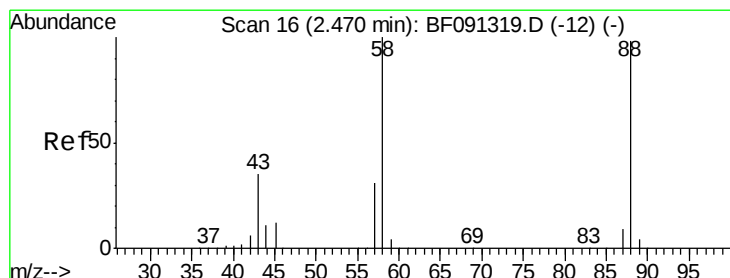
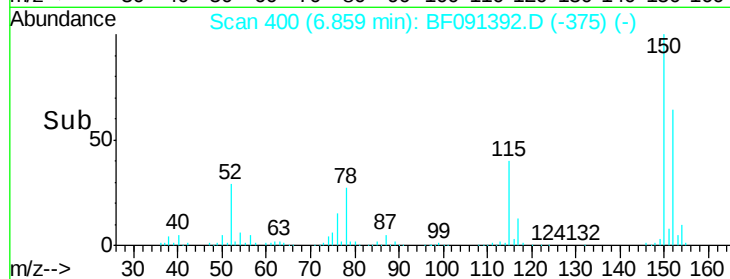
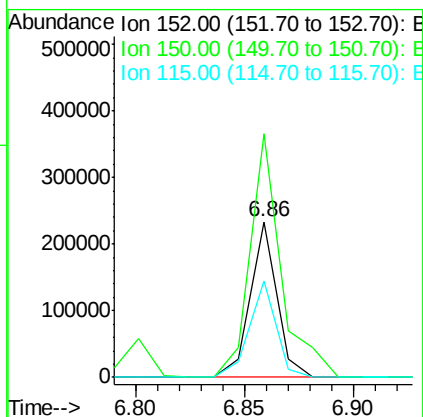
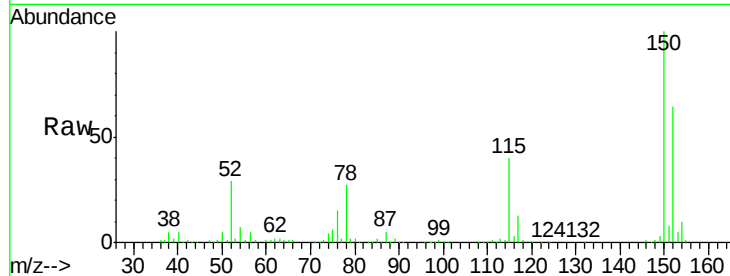
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 400
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

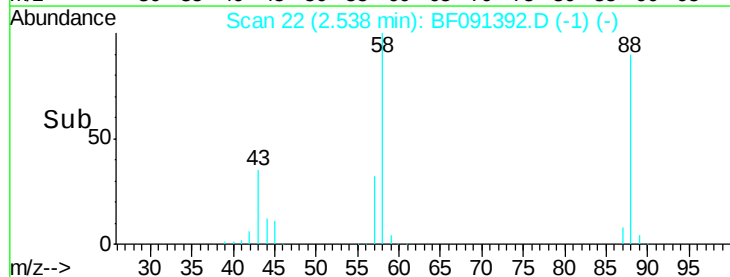
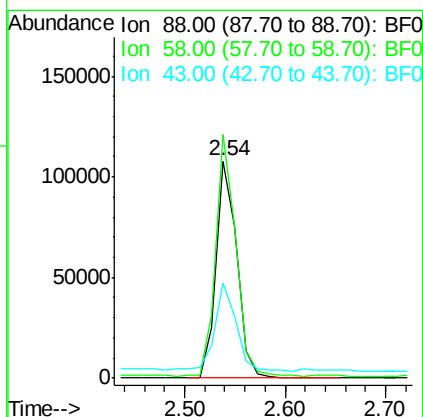
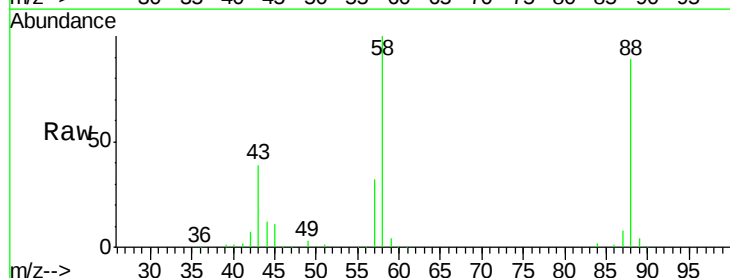
Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

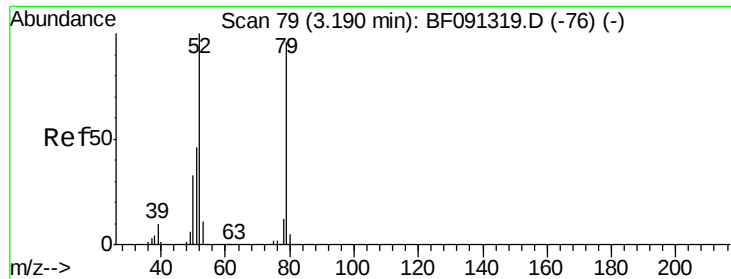
Tgt Ion:152 Resp: 197723
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.5 183.7
 115 62.2 51.8 77.8



#2
 1,4-Dioxane
 Concen: 28.25 ng
 RT: 2.54 min Scan# 22
 Delta R.T. 0.04 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion: 88 Resp: 154701
 Ion Ratio Lower Upper
 88 100
 58 107.3 70.3 105.5#
 43 41.7 31.3 46.9





#3

Pyridine

Concen: 29.90 ng

RT: 3.26 min Scan# 85

Delta R.T. 0.04 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

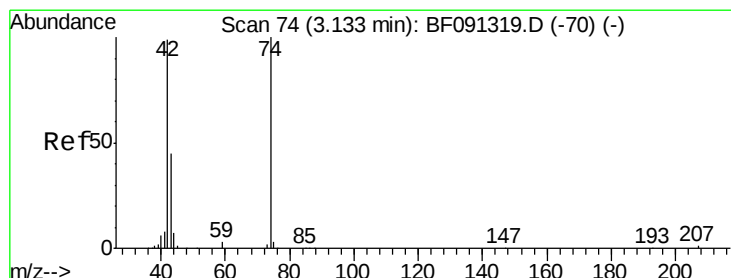
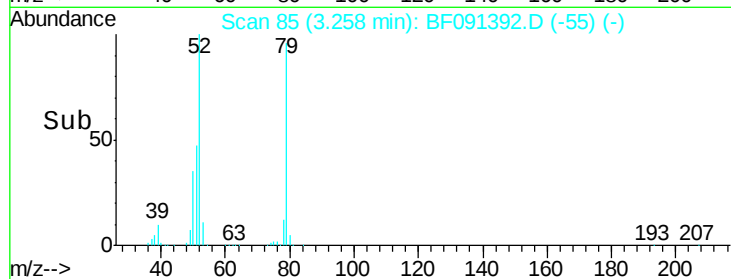
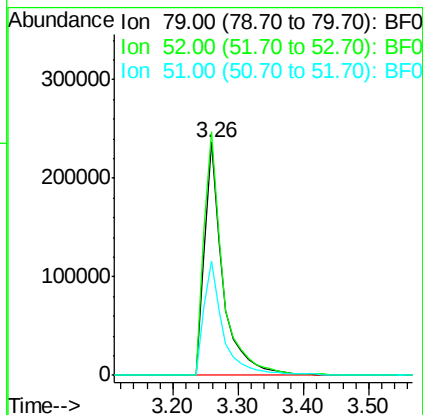
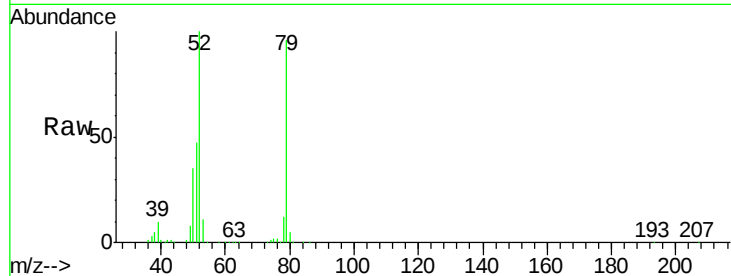
Tgt Ion: 79 Resp: 463357

Ion Ratio Lower Upper

79 100

52 104.4 71.0 106.4

51 49.0 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 34.79 ng

RT: 3.21 min Scan# 81

Delta R.T. 0.04 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

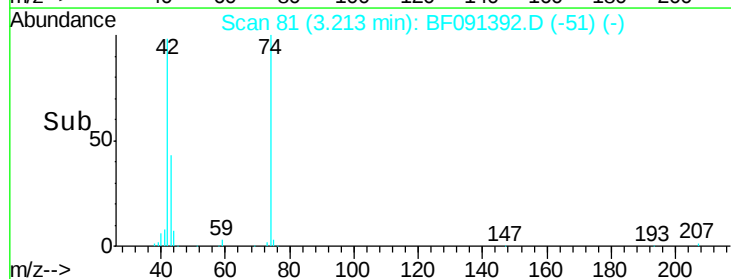
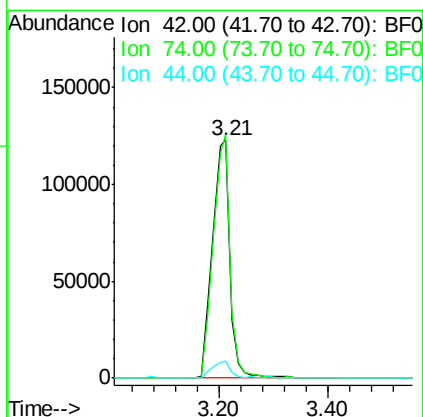
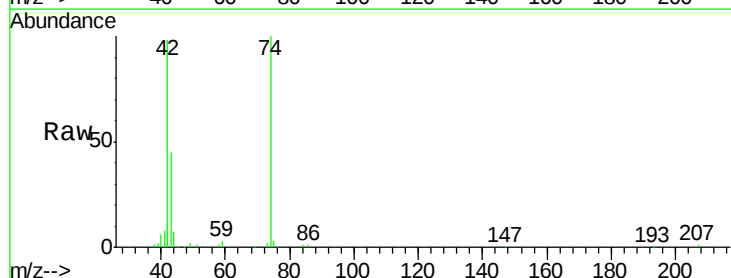
Tgt Ion: 42 Resp: 282880

Ion Ratio Lower Upper

42 100

74 102.1 78.9 118.3

44 7.3 5.8 8.6





#5

2-Fluorophenol

Concen: 94.62 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleID :

PB95000BS

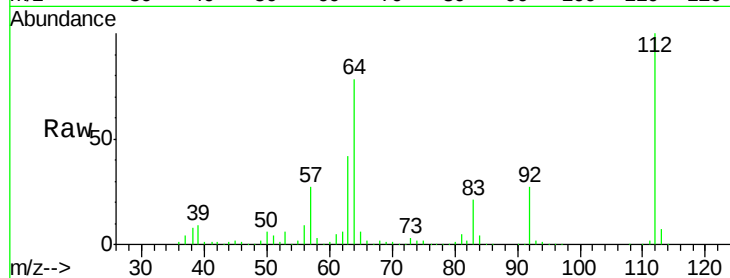
Tgt Ion: 112 Resp: 1145203

Ion Ratio Lower Upper

112 100

64 77.5 61.5 92.3

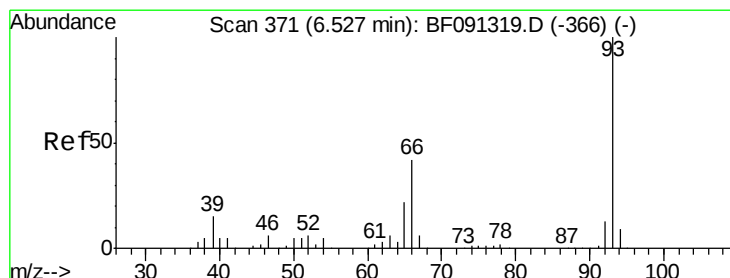
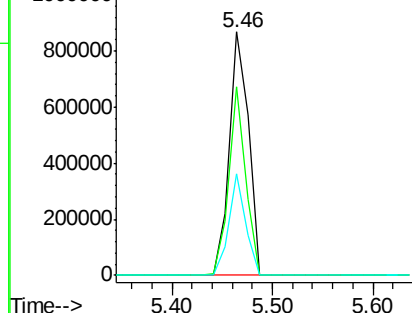
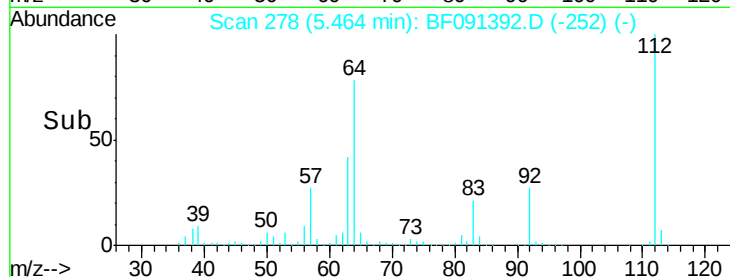
63 41.7 33.3 49.9



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: 22.23 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

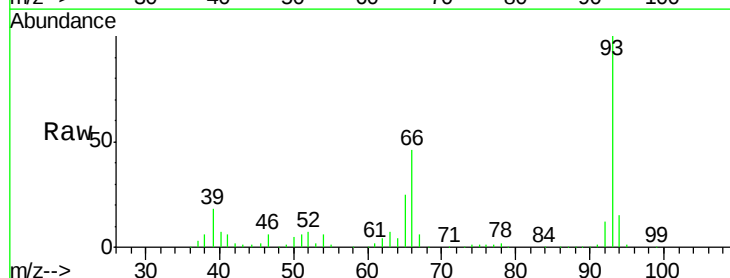
Tgt Ion: 93 Resp: 440000

Ion Ratio Lower Upper

93 100

66 46.4 55.8 83.6#

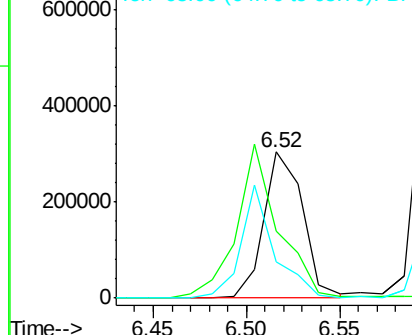
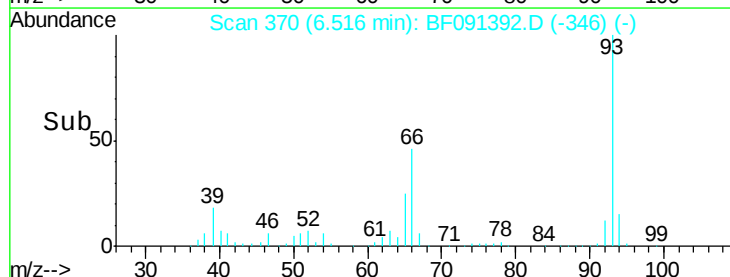
65 24.7 29.9 44.9#

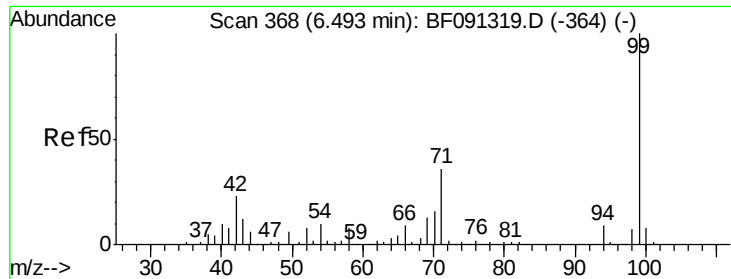


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 94.54 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampled :

PB95000BS

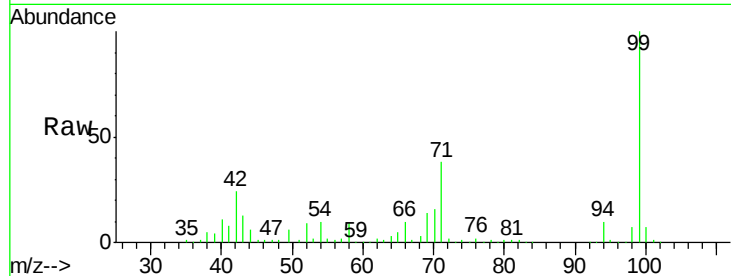
Tgt Ion: 99 Resp: 1408503

Ion Ratio Lower Upper

99 100

42 24.2 20.6 31.0

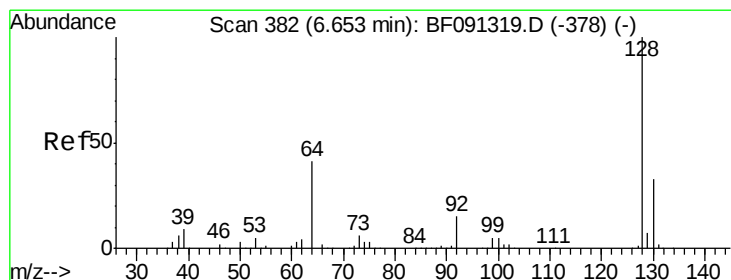
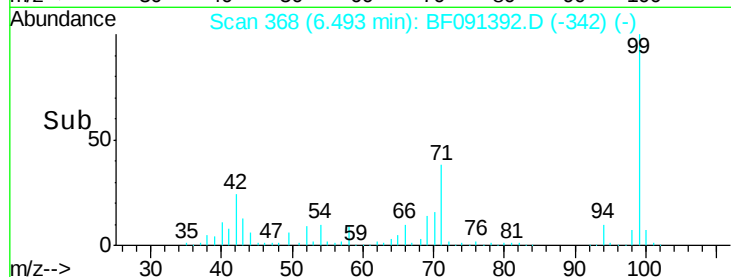
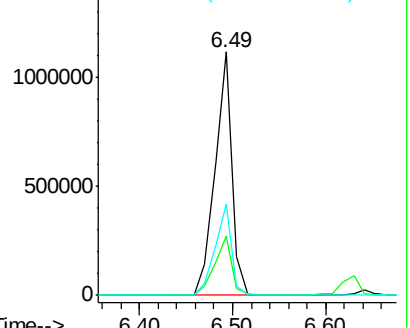
71 37.6 29.9 44.9



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: 31.54 ng

RT: 6.64 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

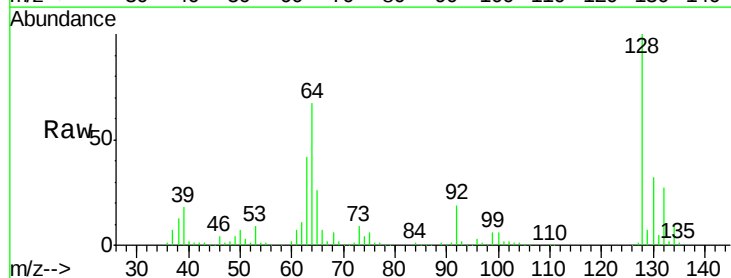
Tgt Ion: 128 Resp: 418570

Ion Ratio Lower Upper

128 100

130 32.0 13.1 53.1

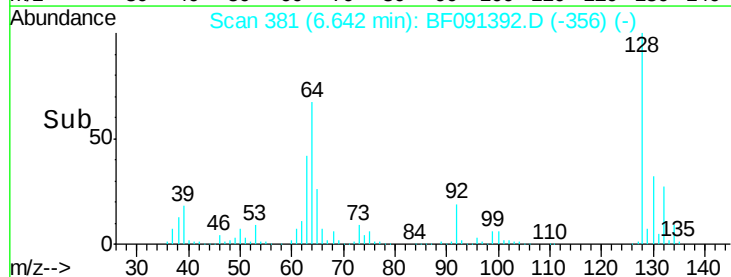
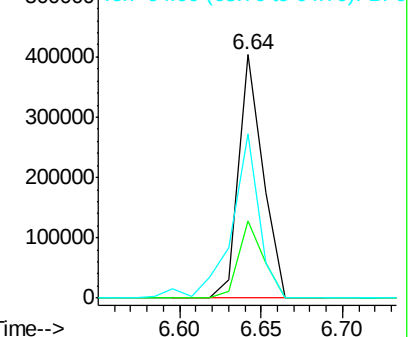
64 67.3 24.1 64.1#

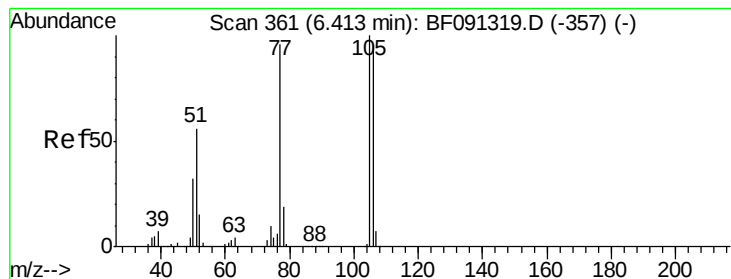


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.96 ng

RT: 6.40 min Scan# 360

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

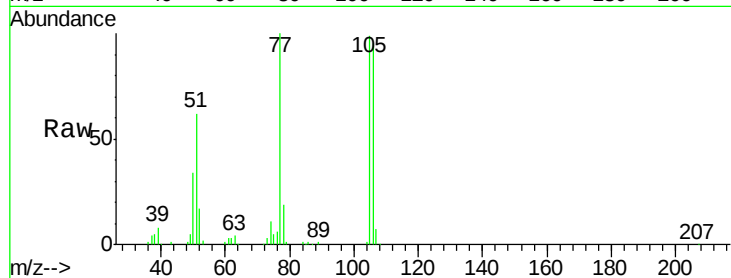
Tgt Ion: 77 Resp: 133724

Ion Ratio Lower Upper

77 100

105 99.0 66.4 106.4

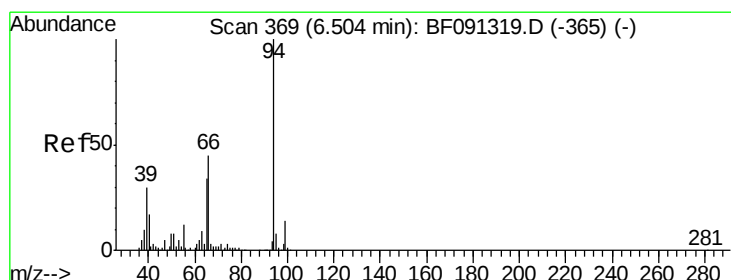
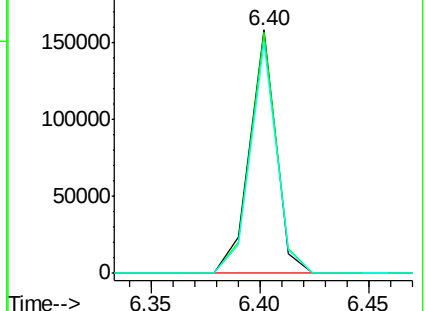
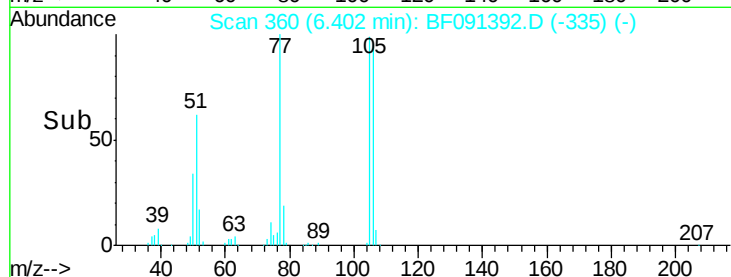
106 94.6 60.9 100.9



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: 32.32 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

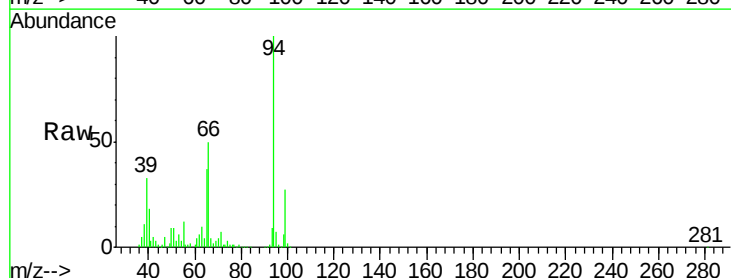
Tgt Ion: 94 Resp: 566684

Ion Ratio Lower Upper

94 100

65 36.8 16.9 56.9

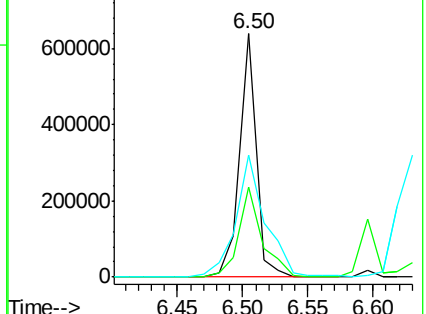
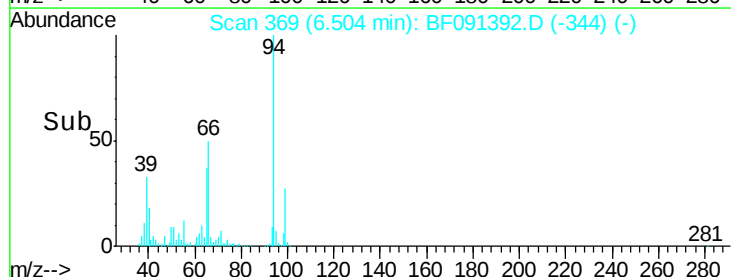
66 50.2 30.6 70.6



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

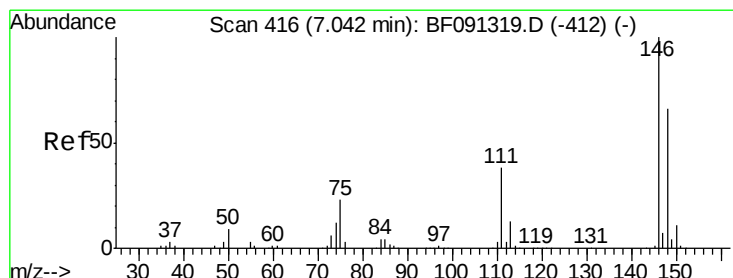
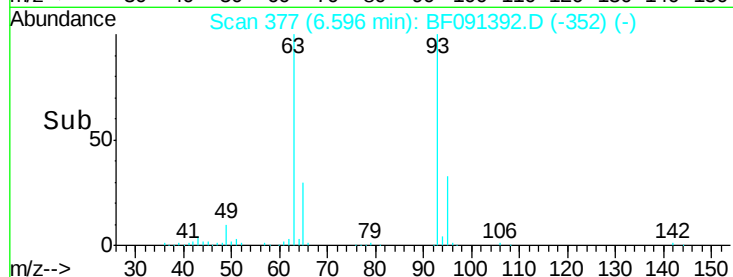
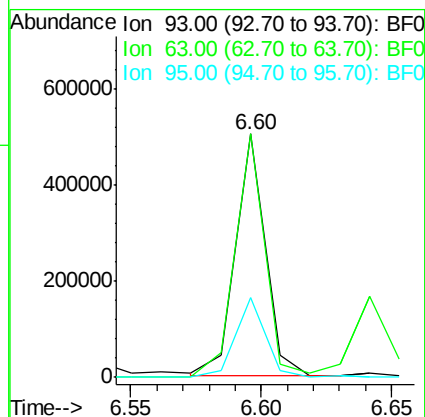
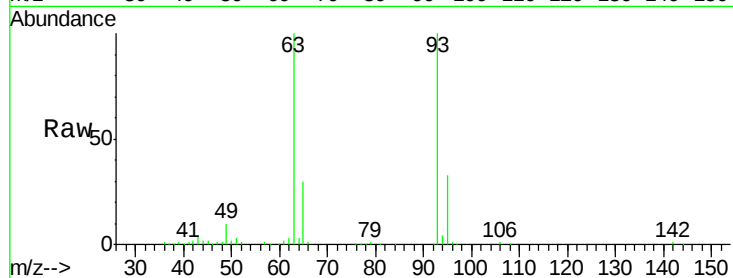




#11
bis(2-Chloroethyl)ether
Concen: 32.37 ng
RT: 6.60 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

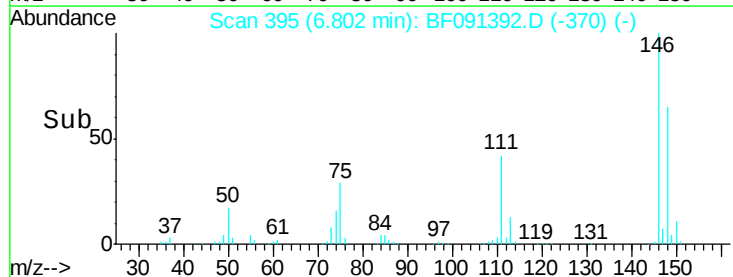
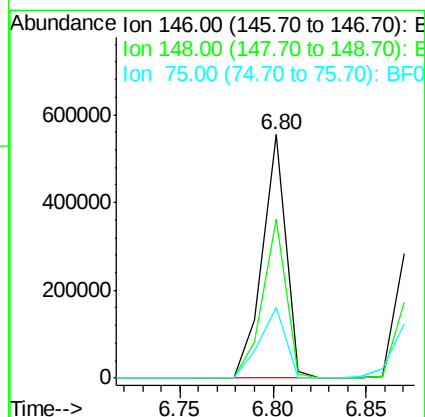
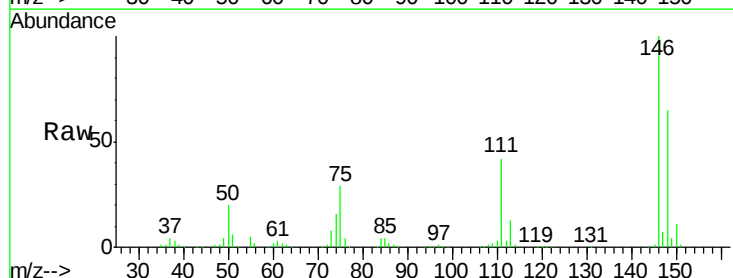
Instrument :
BNA_F
ClientSampleId :
PB95000BS

Tgt Ion: 93 Resp: 405507
Ion Ratio Lower Upper
93 100
63 99.8 74.8 114.8
95 32.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 32.73 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion: 146 Resp: 483158
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.0
75 29.2 23.6 35.4

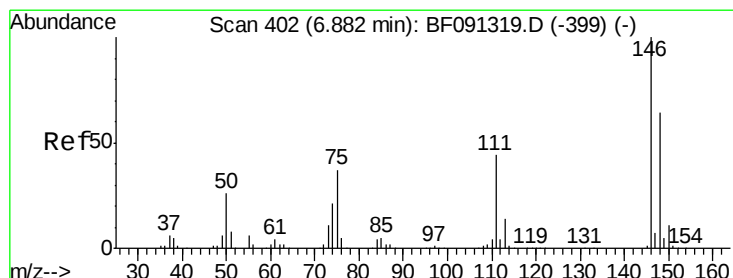
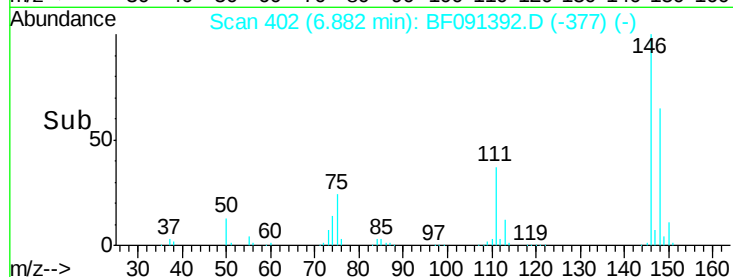
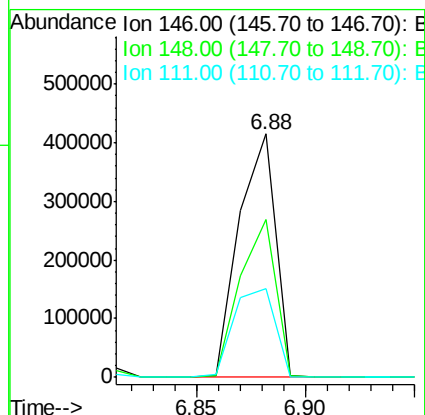
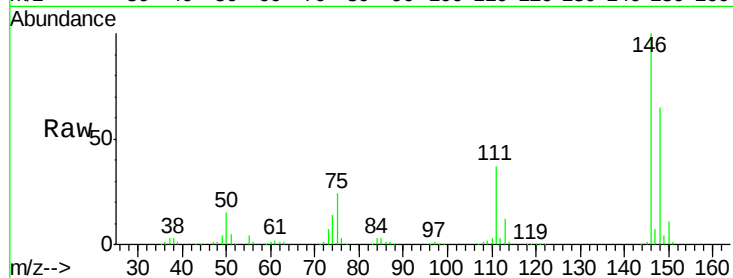




#13
 1,4-Dichlorobenzene
 Concen: 32.91 ng
 RT: 6.88 min Scan# 402
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

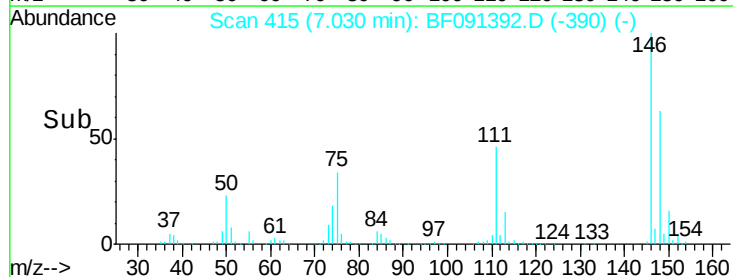
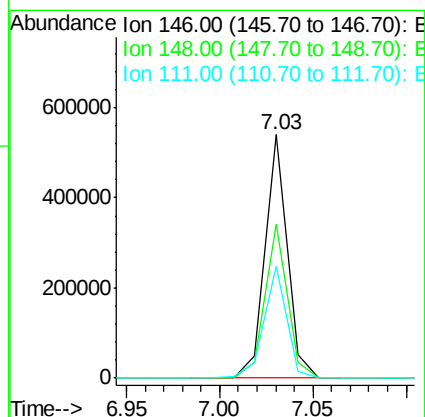
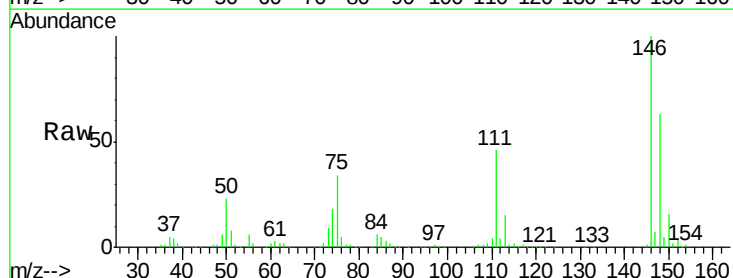
Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

Tgt Ion:146 Resp: 483279
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.4 77.0
 111 36.5 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 32.17 ng
 RT: 7.03 min Scan# 415
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion:146 Resp: 439978
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.0 76.6
 111 46.1 38.9 58.3





#15

Benzyl Alcohol

Concen: 34.99 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

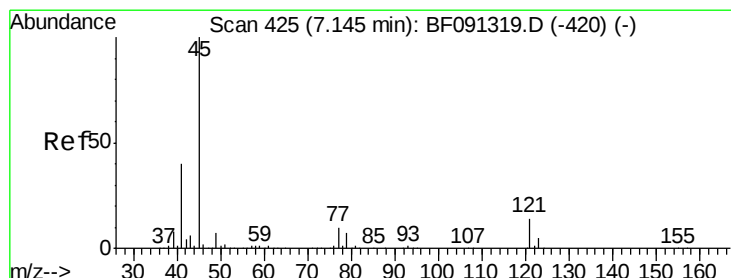
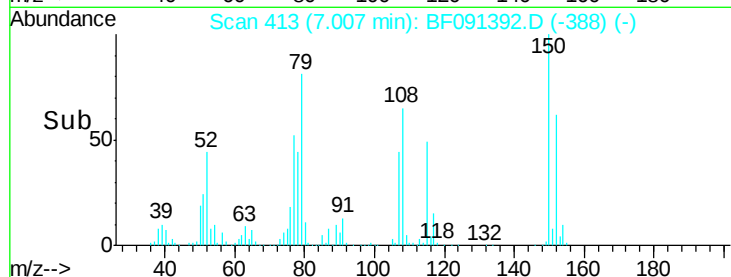
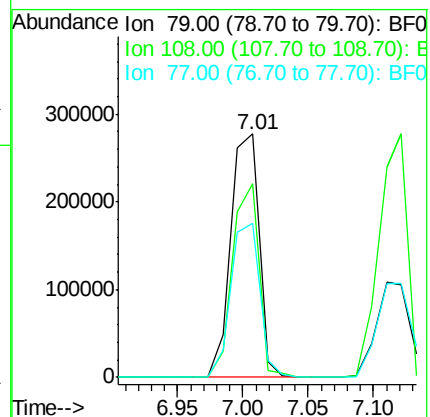
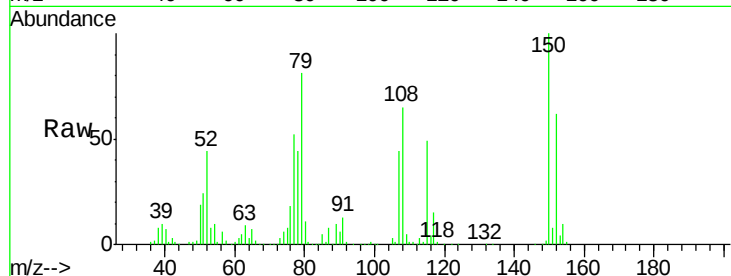
Tgt Ion: 79 Resp: 417166

Ion Ratio Lower Upper

79 100

108 79.7 62.7 94.1

77 63.5 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.78 ng

RT: 7.14 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

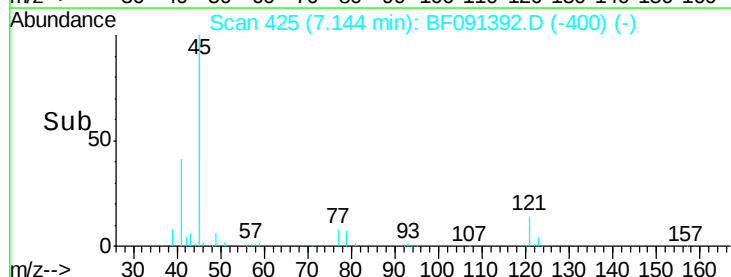
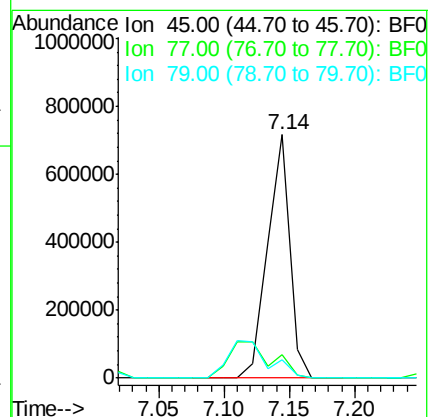
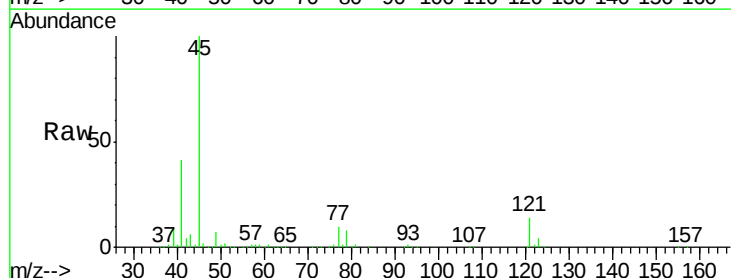
Tgt Ion: 45 Resp: 856051

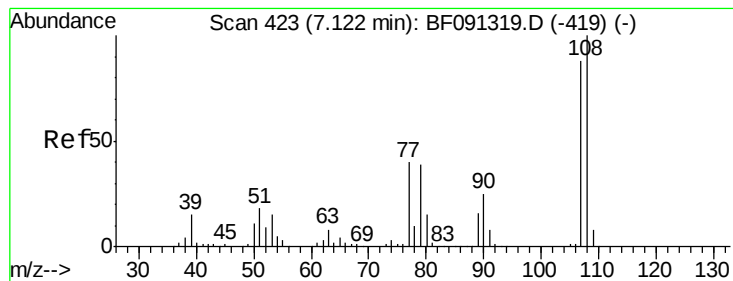
Ion Ratio Lower Upper

45 100

77 9.5 3.8 43.8

79 7.6 0.2 40.2





#17

2-Methylphenol

Concen: 34.32 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

Tgt Ion:107 Resp: 359985

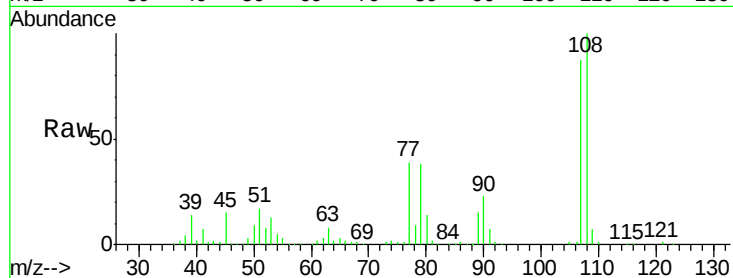
Ion Ratio Lower Upper

107 100

108 115.0 67.7 101.5#

77 44.6 40.7 61.1

79 44.0 23.4 35.2#



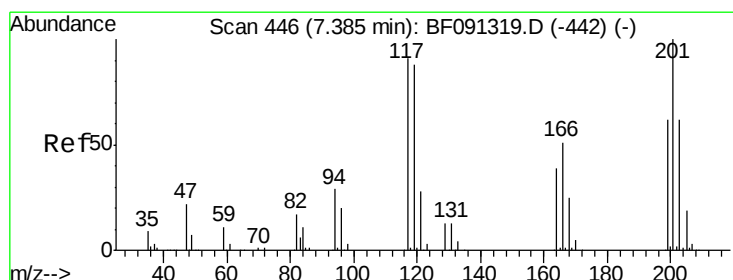
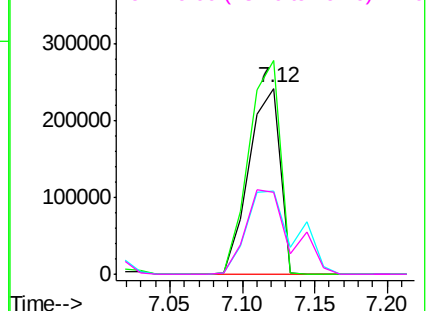
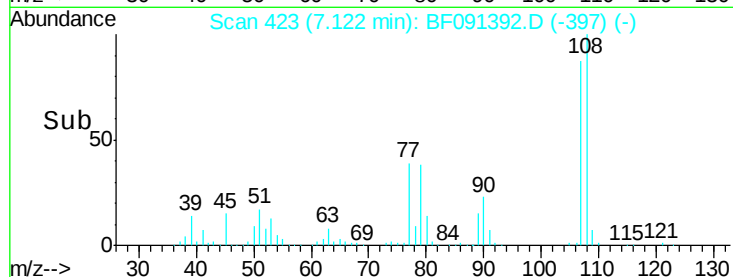
Abundance

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: 32.07 ng

RT: 7.37 min Scan# 445

Delta R.T. -0.03 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

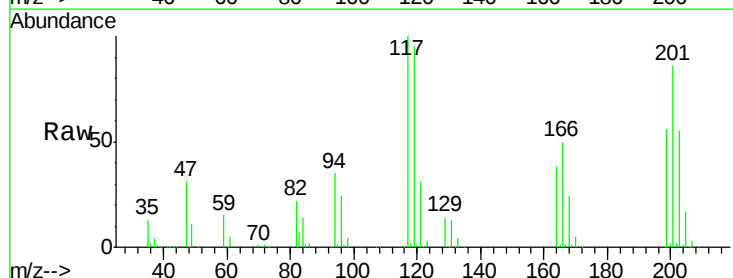
Tgt Ion:117 Resp: 167198

Ion Ratio Lower Upper

117 100

119 95.4 78.6 118.0

201 86.4 86.7 130.1#

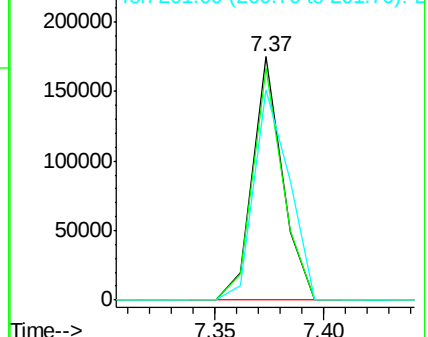
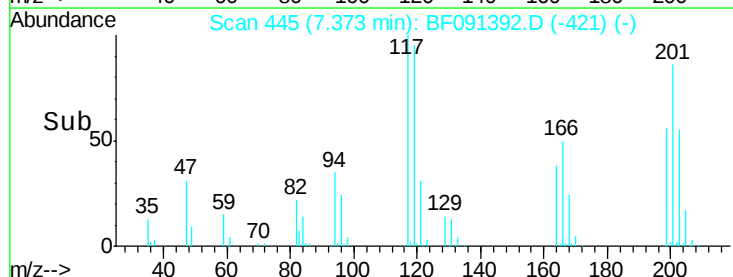


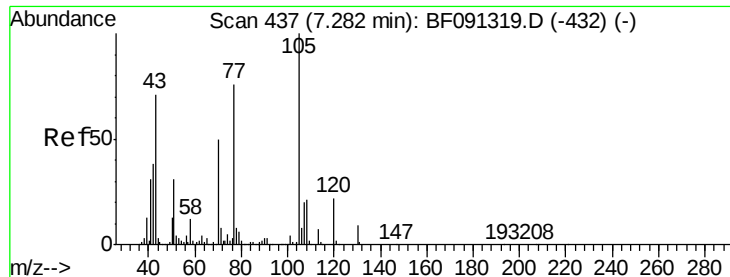
Abundance

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

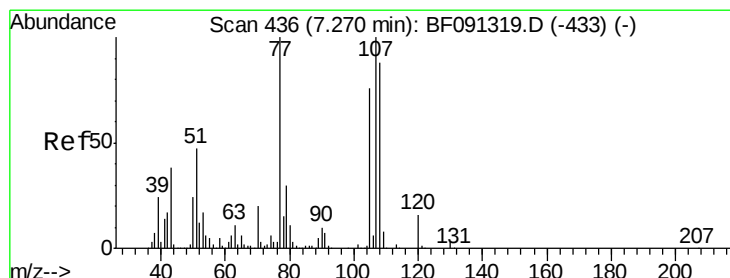
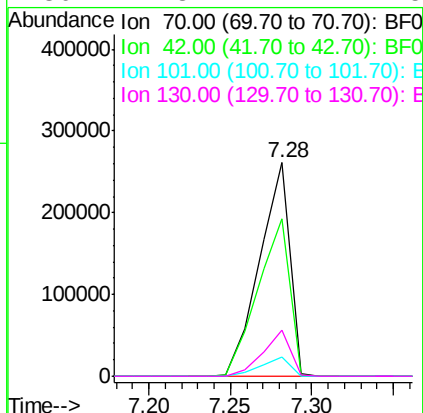
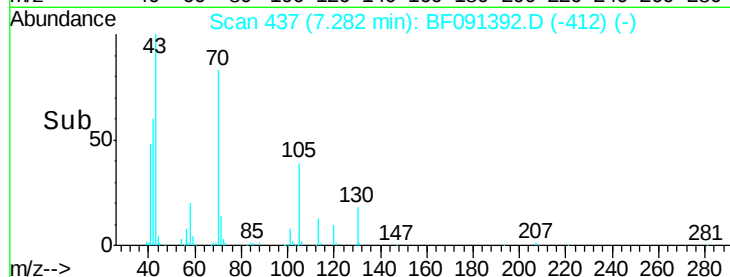
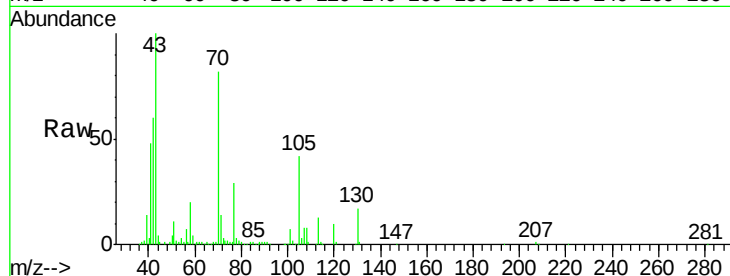




#19
n-Nitroso-di-n-propylamine
Concen: 35.81 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

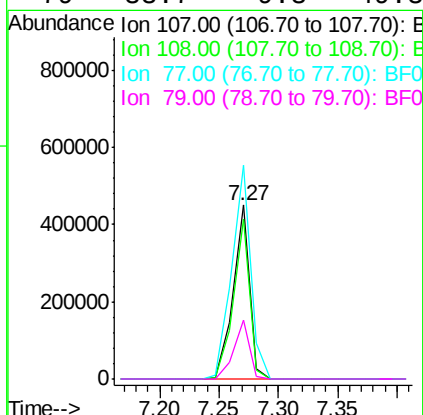
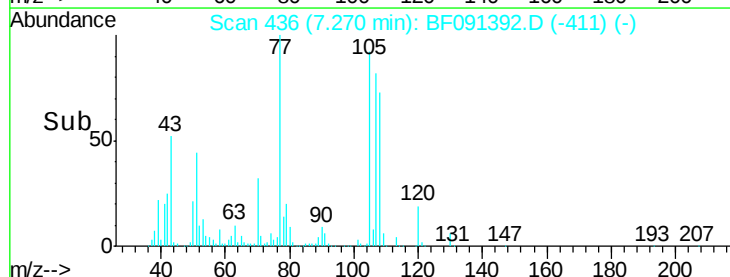
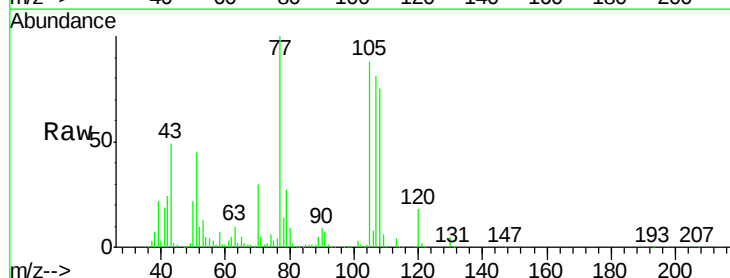
Instrument :
BNA_F
ClientSampleId :
PB95000BS

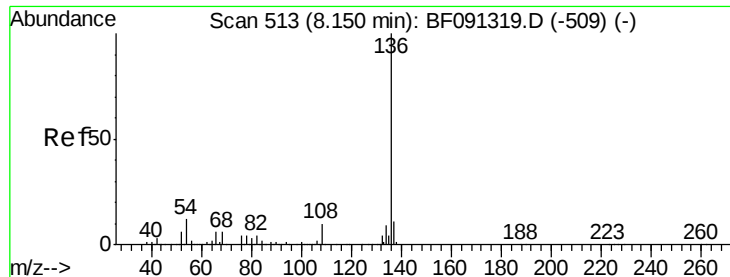
Tgt Ion: 70 Resp: 336108
Ion Ratio Lower Upper
70 100
42 73.6 64.8 97.2
101 9.1 6.2 9.4
130 21.3 11.7 17.5#



#20
3+4-Methylphenols
Concen: 33.63 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion: 107 Resp: 430622
Ion Ratio Lower Upper
107 100
108 91.9 64.6 104.6
77 123.1 30.9 70.9#
79 33.7 9.3 49.3

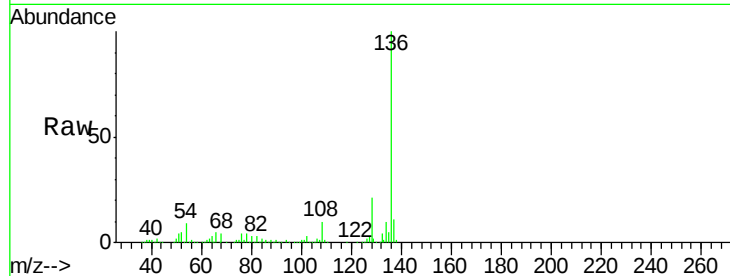




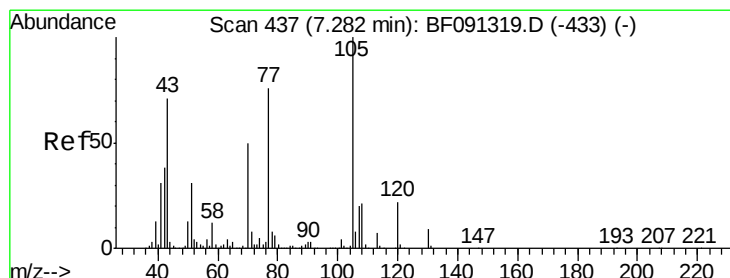
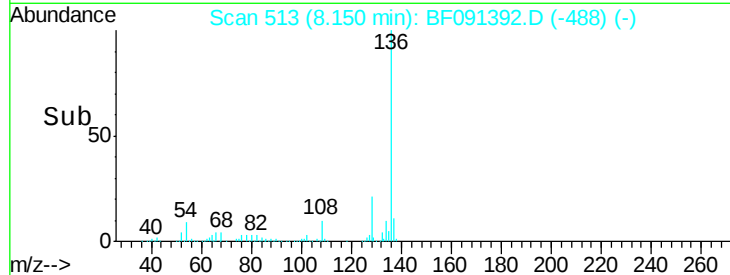
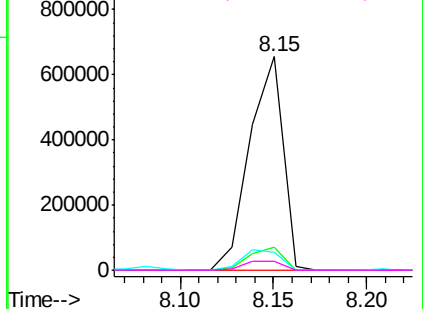
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB95000BS

Tgt Ion:	136	Resp:	813355
Ion Ratio		Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.7	9.1	13.7#
68	4.4	5.9	8.9#

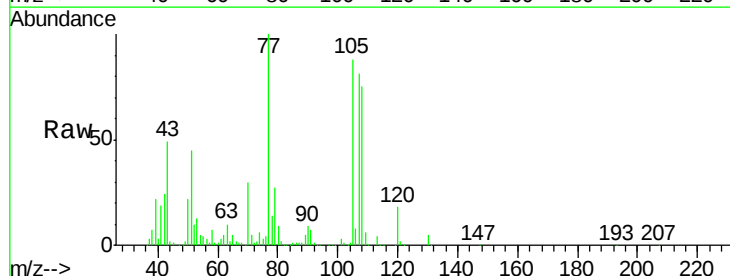


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

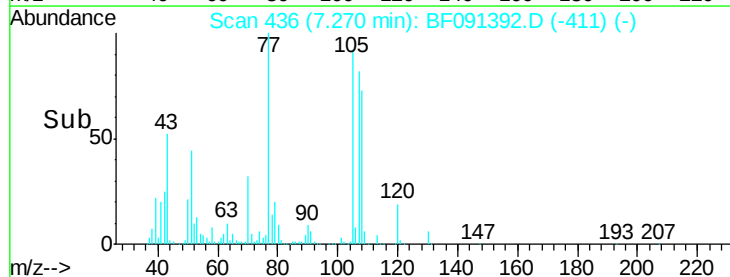
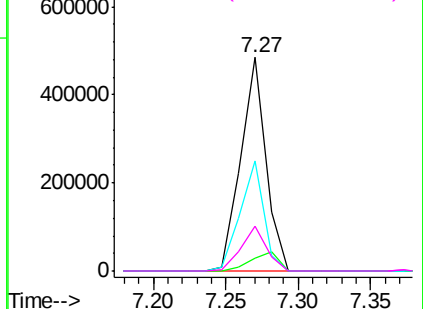


#22
Acetophenone
Concen: 30.30 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion:	105	Resp:	584041
Ion Ratio		Lower	Upper
105	100		
71	5.8	7.9	11.9#
51	51.3	24.5	36.7#
120	20.8	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

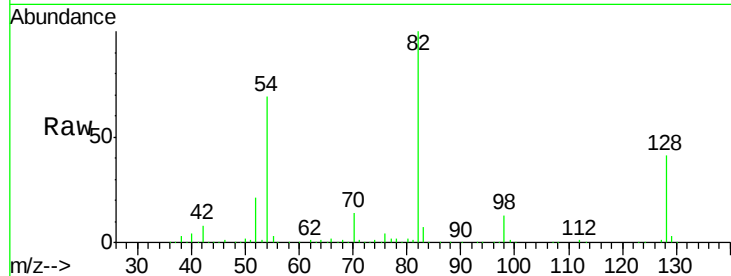




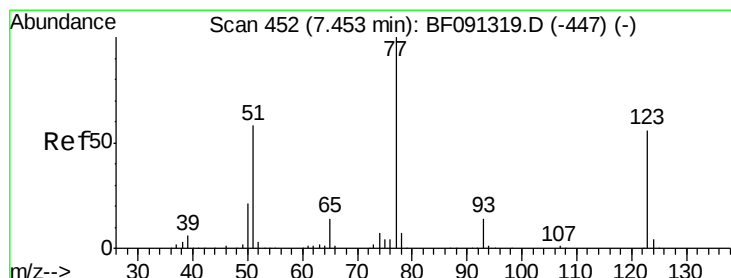
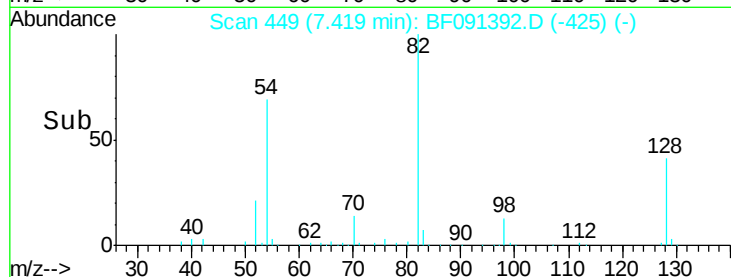
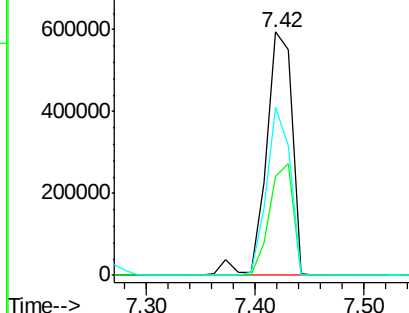
#23
Nitrobenzene-d5
Concen: 67.63 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB95000BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.8	31.8	47.6
54	69.0	49.1	73.7

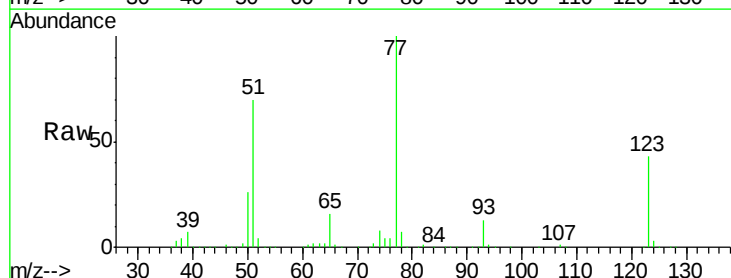


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

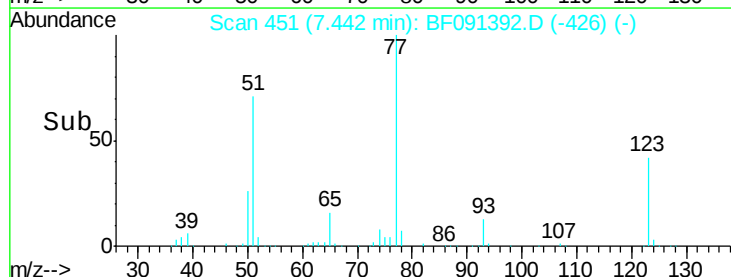
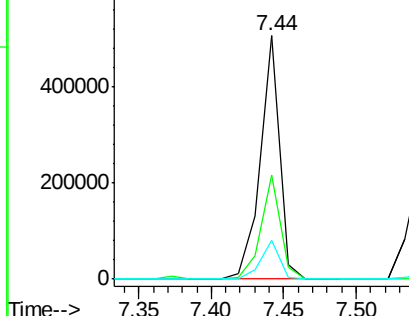


#24
Nitrobenzene
Concen: 31.36 ng
RT: 7.44 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.9	28.5	42.7#
65	15.8	12.5	18.7



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: 33.70 ng

RT: 7.68 min Scan# 472

Delta R.T. -0.03 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

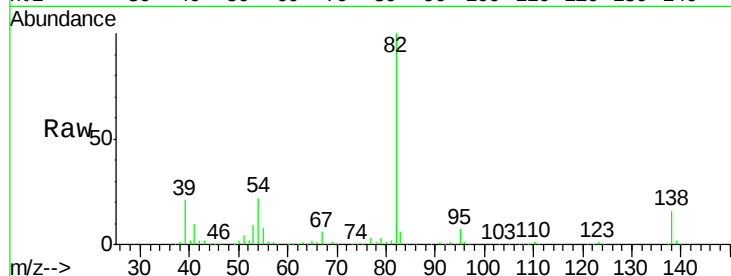
Tgt Ion: 82 Resp: 866494

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

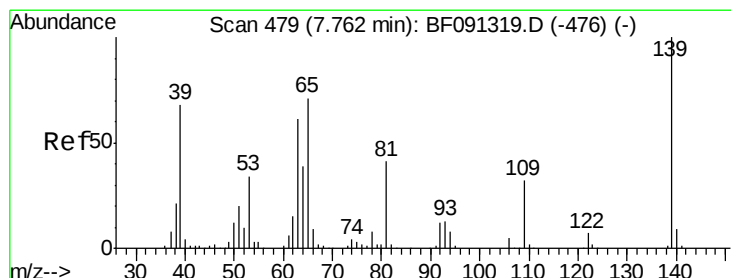
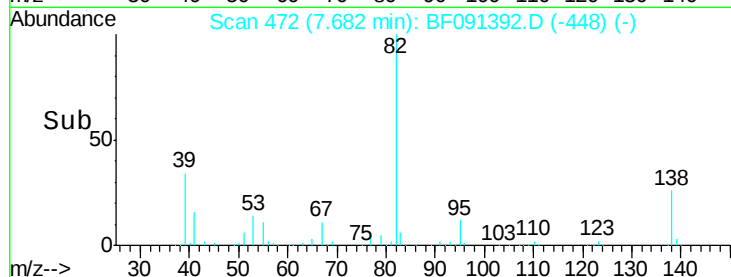
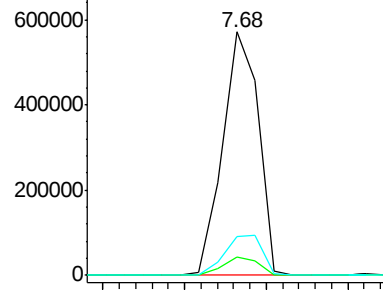
138 15.8 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 36.16 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

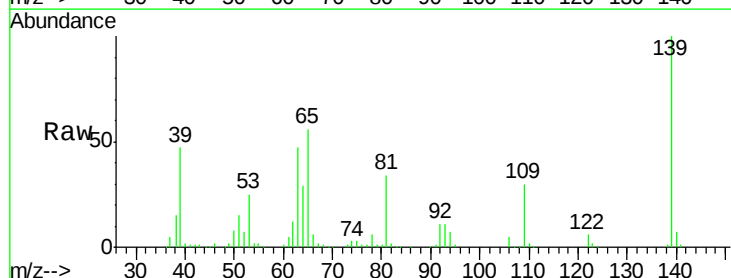
Tgt Ion: 139 Resp: 244891

Ion Ratio Lower Upper

139 100

109 29.8 25.3 37.9

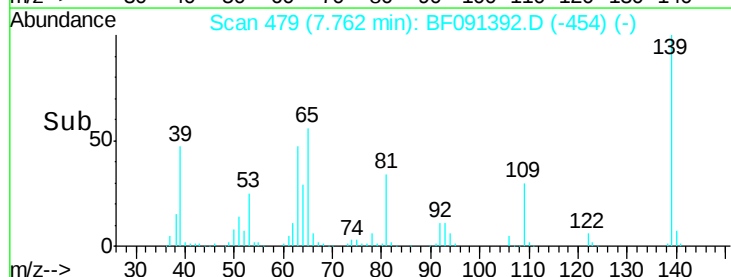
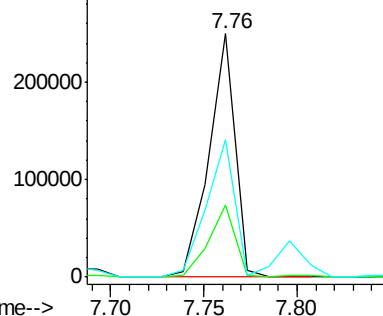
65 56.3 55.4 83.2

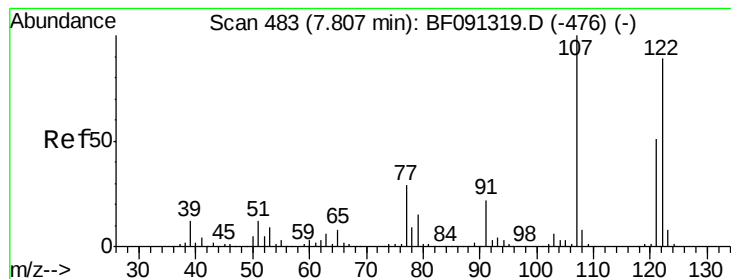


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 32.03 ng

RT: 7.80 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

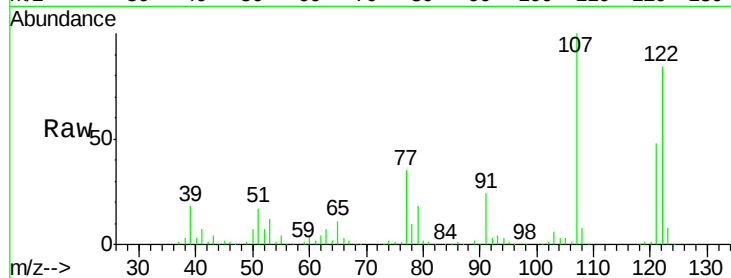
Tgt Ion:122 Resp: 405749

Ion Ratio Lower Upper

122 100

107 118.7 96.8 145.2

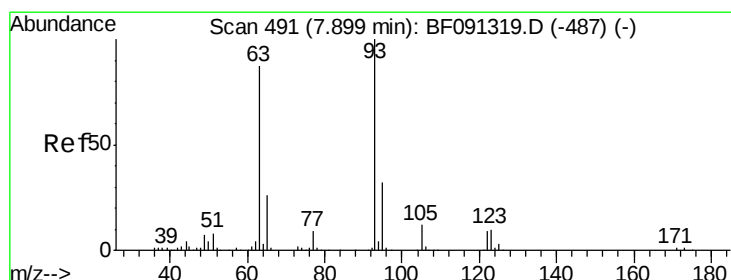
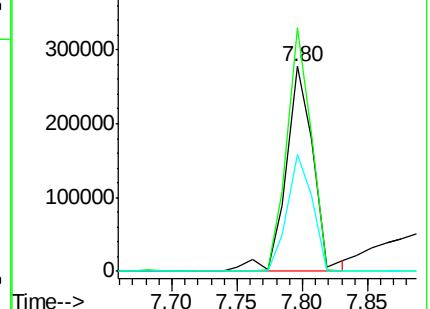
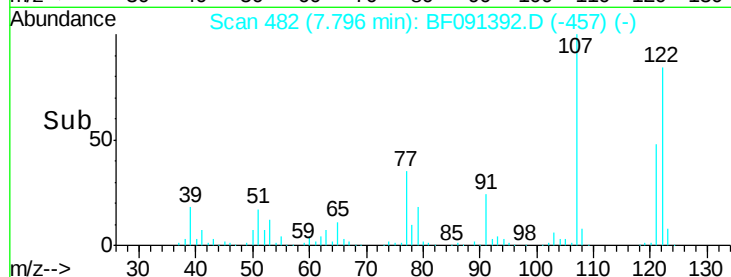
121 57.0 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.47 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

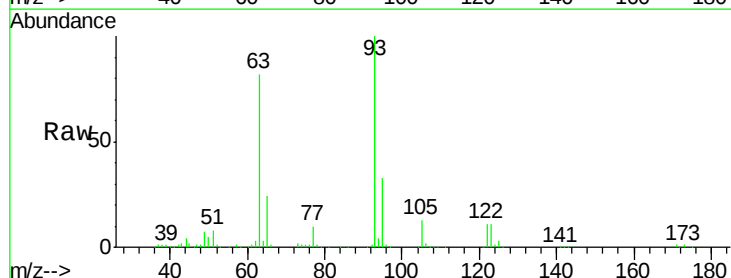
Tgt Ion: 93 Resp: 564387

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

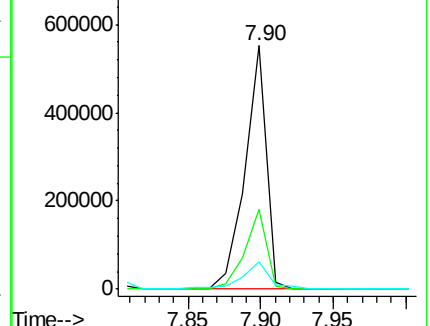
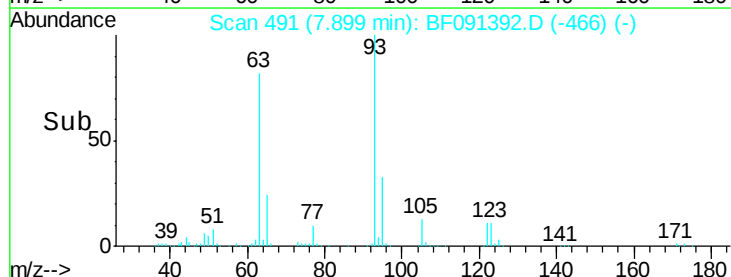
123 11.4 8.6 12.8

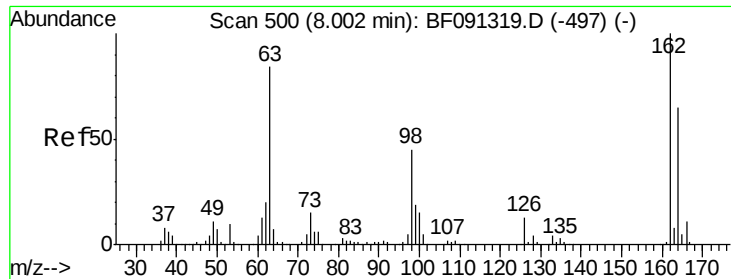


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

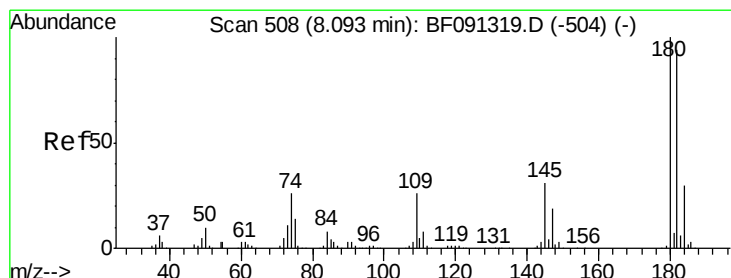
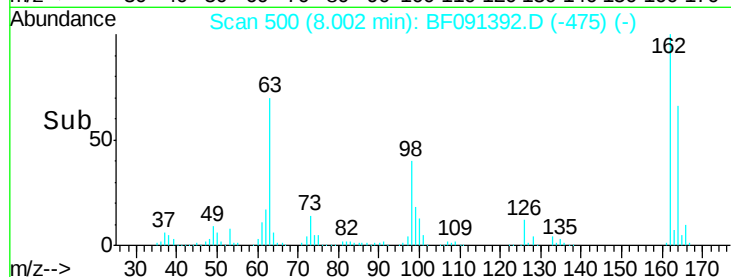
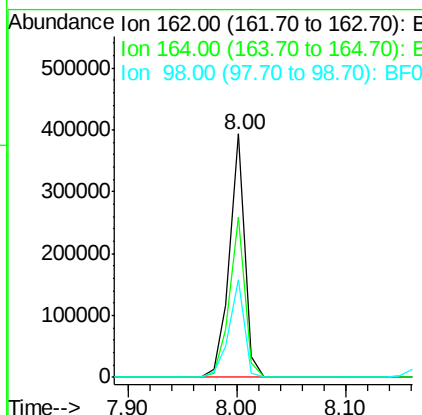
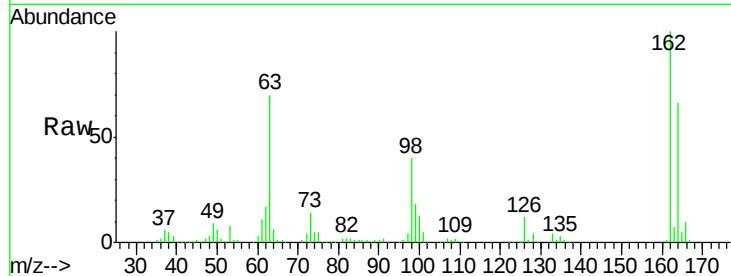




#29
 2,4-Dichlorophenol
 Concen: 34.35 ng
 RT: 8.00 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

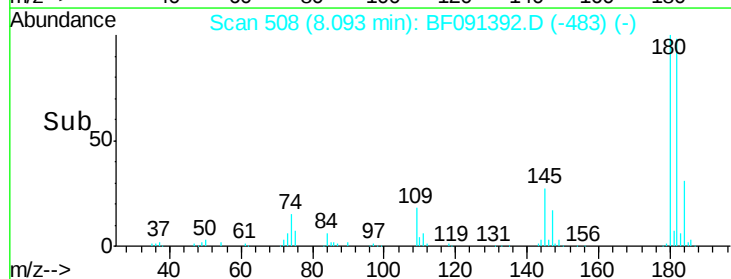
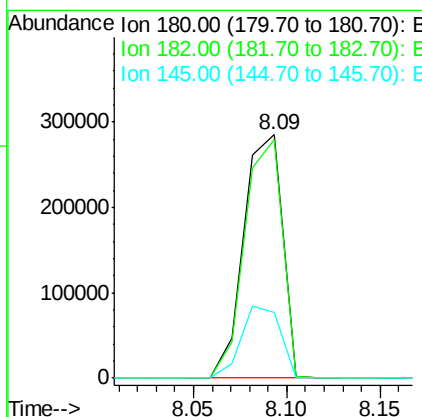
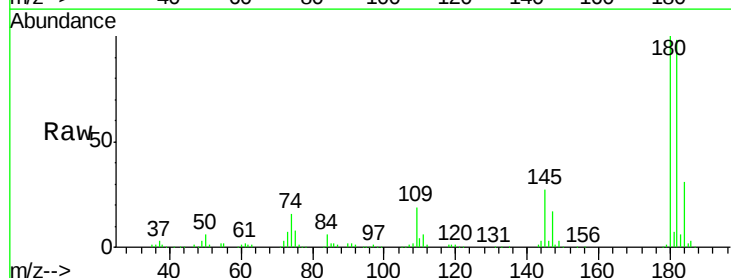
Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.7	45.0	85.0
98	39.9	21.3	61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 32.72 ng
 RT: 8.09 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	75.8	113.8
145	27.2	27.0	40.4





#31

Naphthalene

Concen: 32.06 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

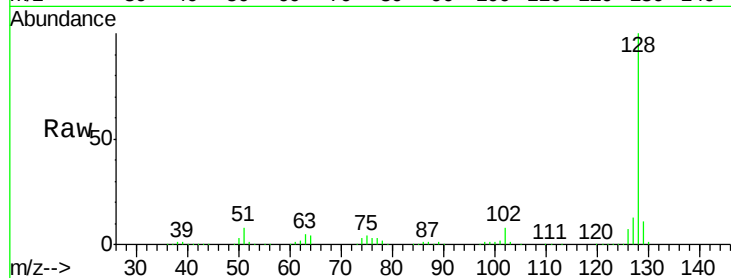
Tgt Ion:128 Resp: 1239122

Ion Ratio Lower Upper

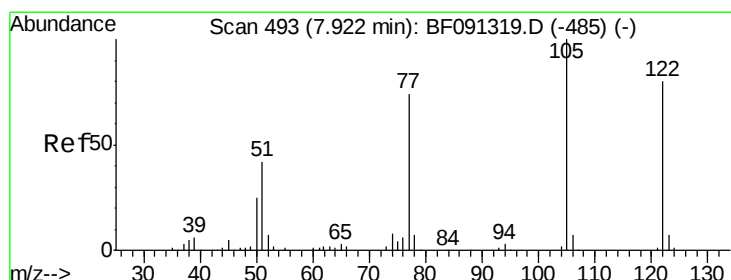
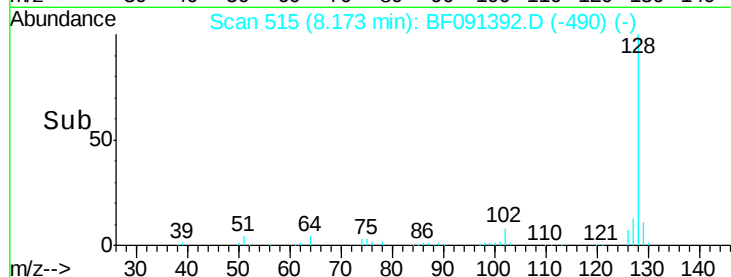
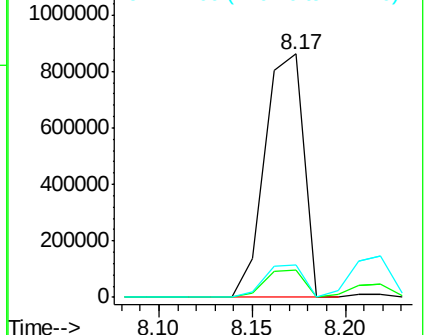
128 100

129 11.0 9.1 13.7

127 13.2 11.0 16.4



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: 31.56 ng

RT: 7.92 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

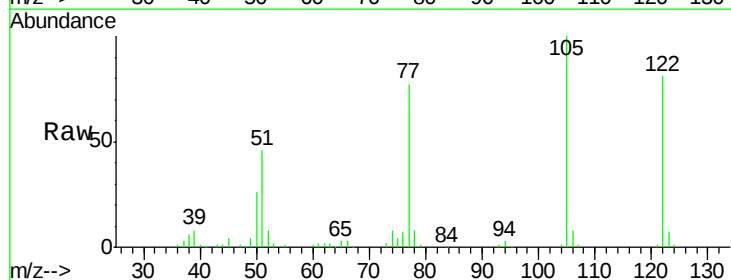
Tgt Ion:122 Resp: 294671

Ion Ratio Lower Upper

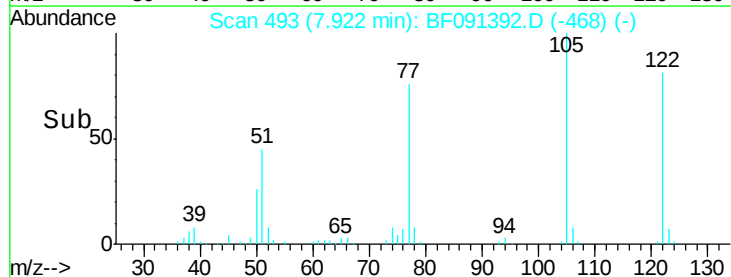
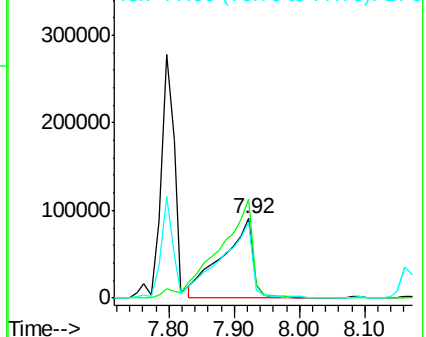
122 100

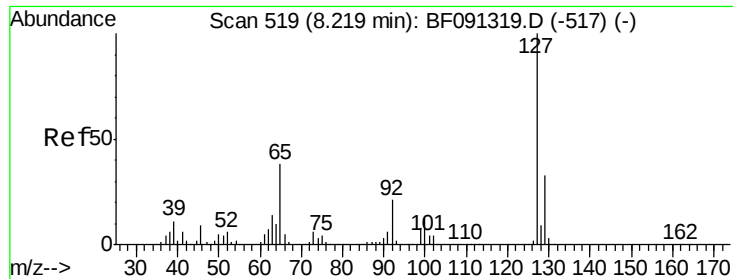
105 124.1 113.0 153.0

77 95.1 82.0 122.0



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

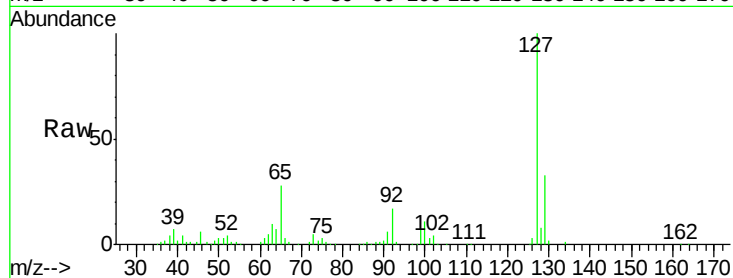




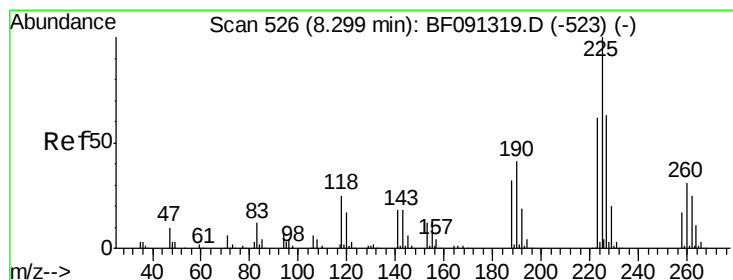
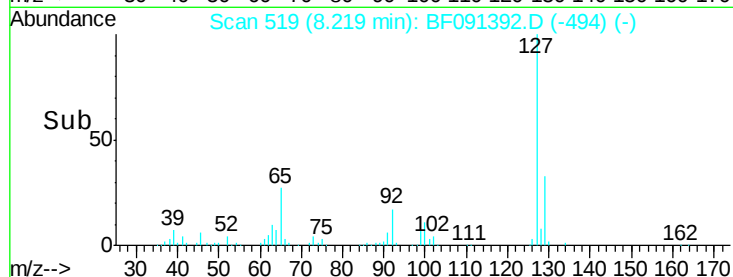
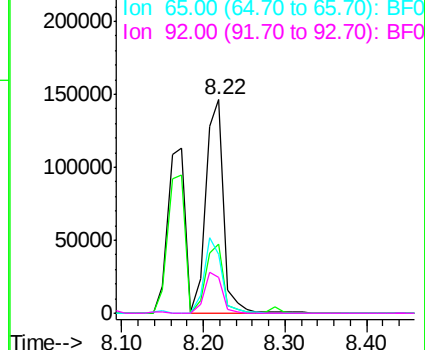
#33
4-Chloroaniline
Concen: 13.62 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB95000BS

Tgt Ion:	127	Resp:	225104
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	27.8	26.6	39.8
92	16.9	15.4	23.0

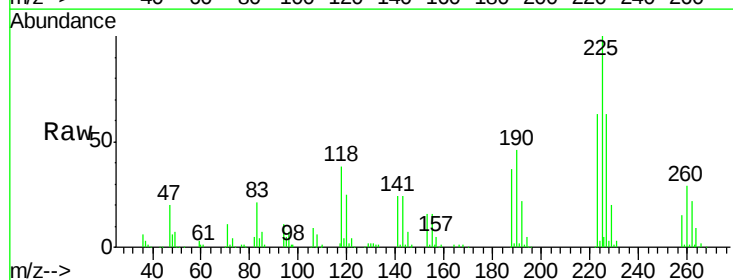


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

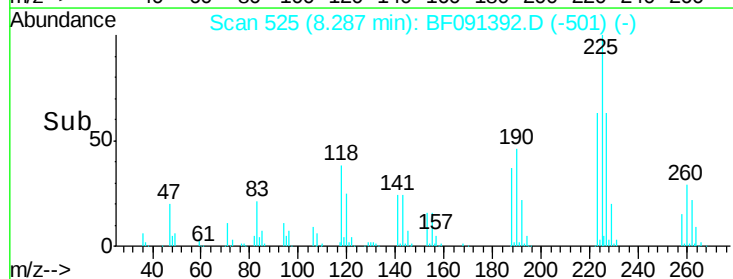
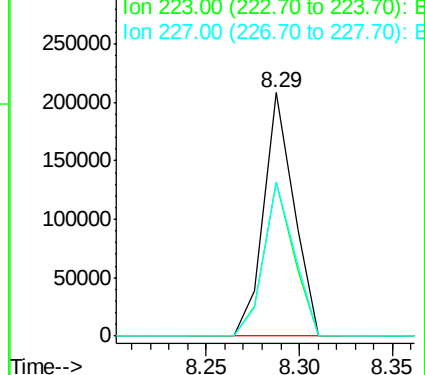


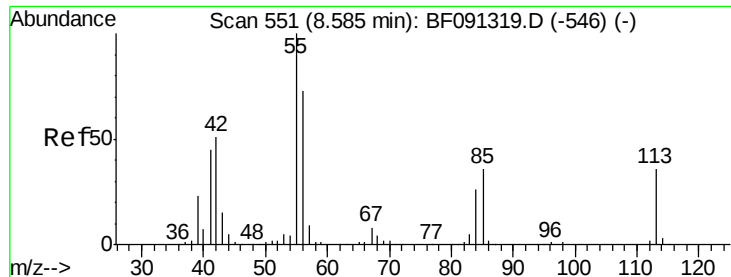
#34
Hexachlorobutadiene
Concen: 30.32 ng
RT: 8.29 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion:	225	Resp:	232926
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.8	74.6
227	63.4	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

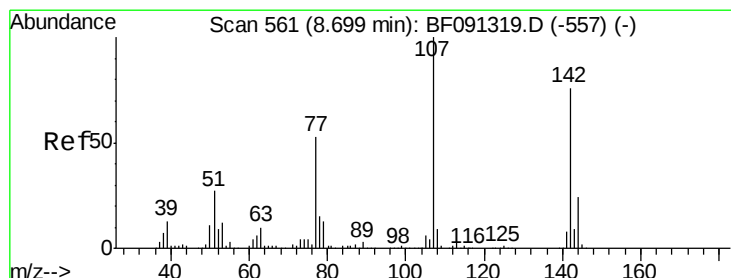
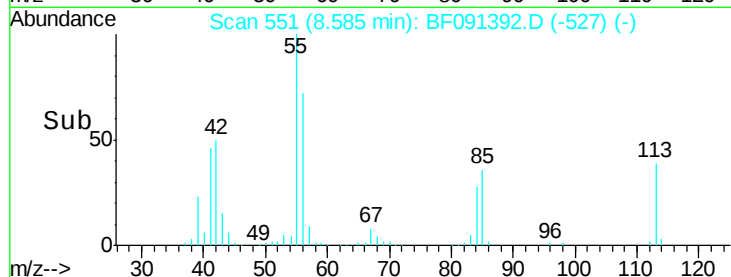
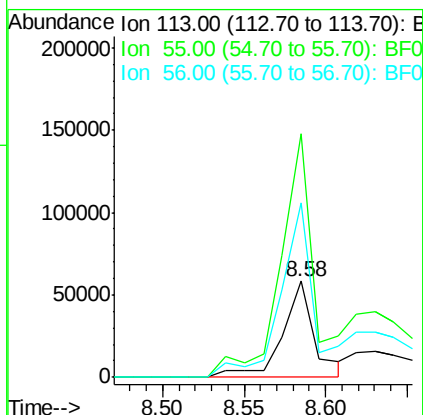
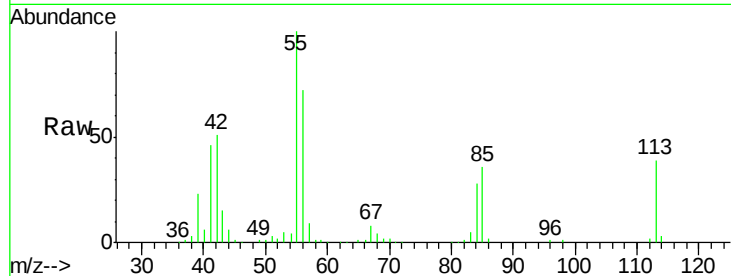




#35
 Caprolactam
 Concen: 24.75 ng
 RT: 8.58 min Scan# 551
 Delta R.T. -0.03 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

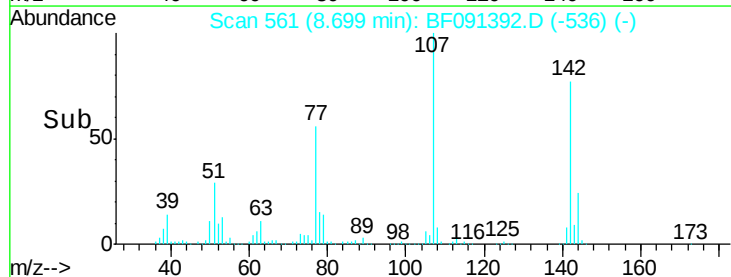
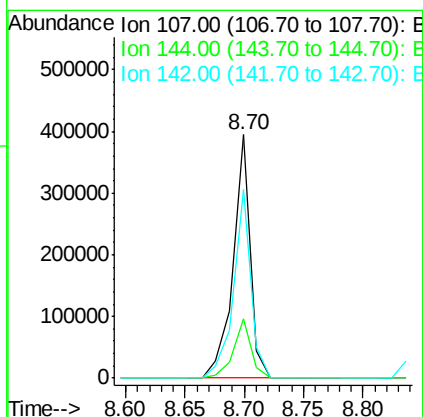
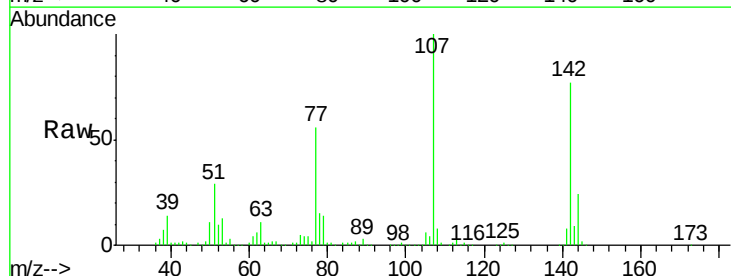
Instrument :
 BNA_F
 ClientSampleID :
 PB95000BS

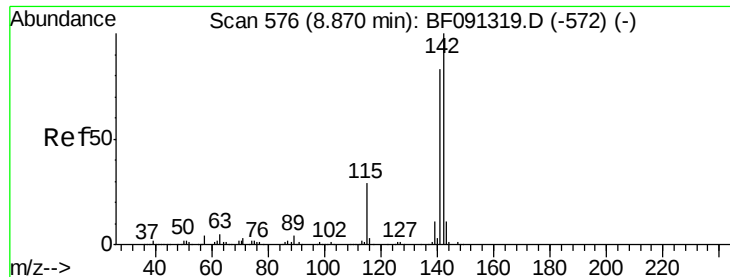
Tgt Ion:113 Resp: 79260
 Ion Ratio Lower Upper
 113 100
 55 253.5 239.8 279.8
 56 182.1 165.6 205.6



#36
 4-Chloro-3-methylphenol
 Concen: 32.91 ng
 RT: 8.70 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion:107 Resp: 395994
 Ion Ratio Lower Upper
 107 100
 144 24.2 18.9 28.3
 142 77.3 58.5 87.7

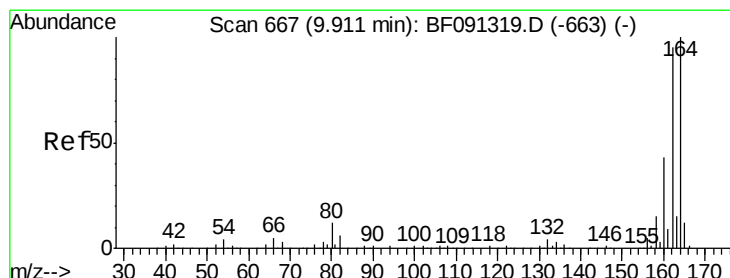
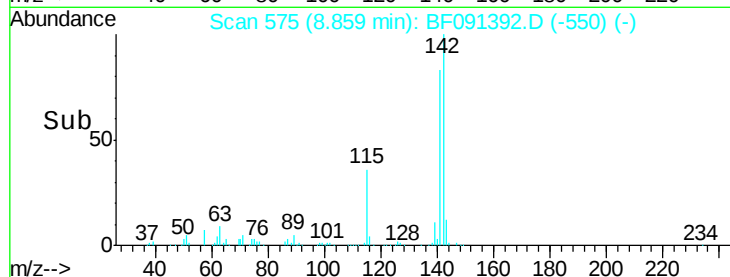
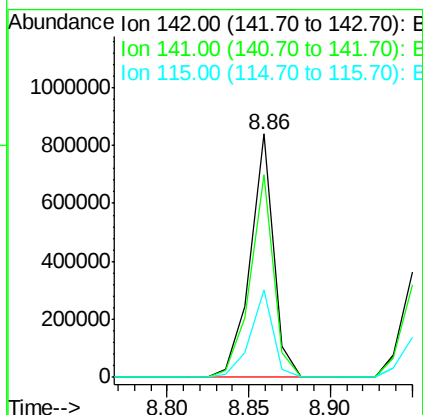
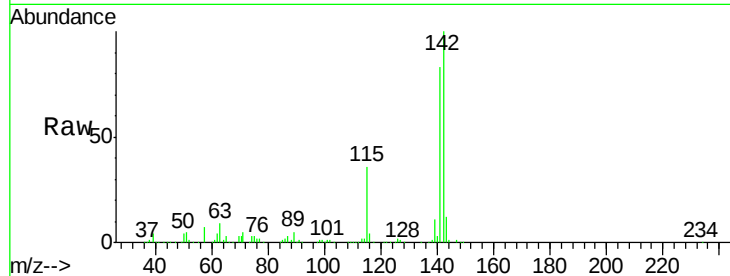




#37
2-Methylnaphthalene
Concen: 31.81 ng
RT: 8.86 min Scan# 575
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

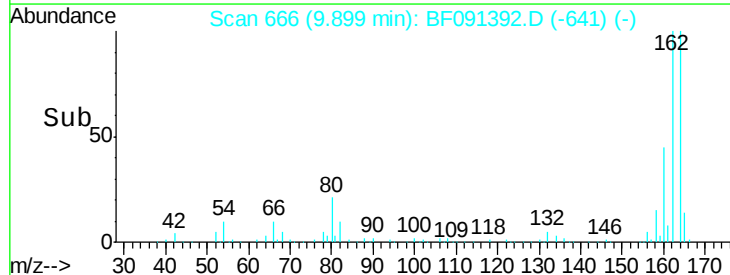
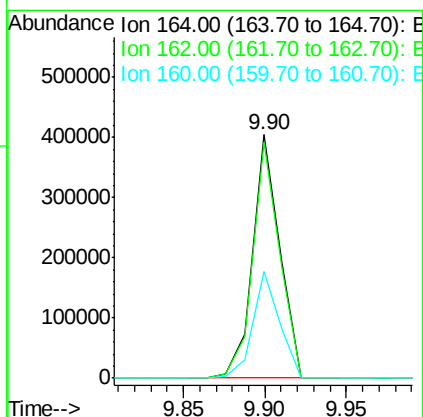
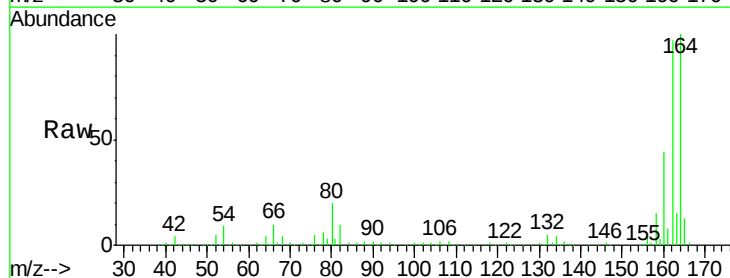
Instrument :
BNA_F
ClientSampleId :
PB95000BS

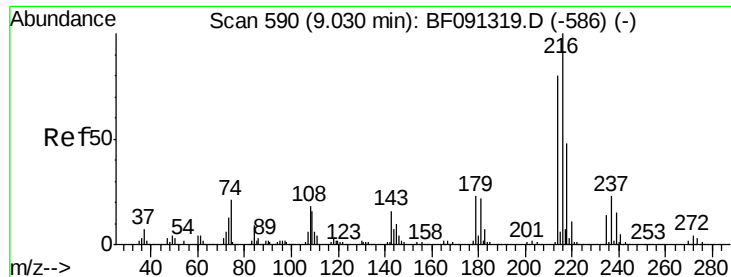
Tgt Ion:142 Resp: 835514
Ion Ratio Lower Upper
142 100
141 83.2 71.7 107.5
115 35.8 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion:164 Resp: 464622
Ion Ratio Lower Upper
164 100
162 96.8 82.6 124.0
160 43.7 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.27 ng

RT: 9.03 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

Tgt Ion:216 Resp: 422616

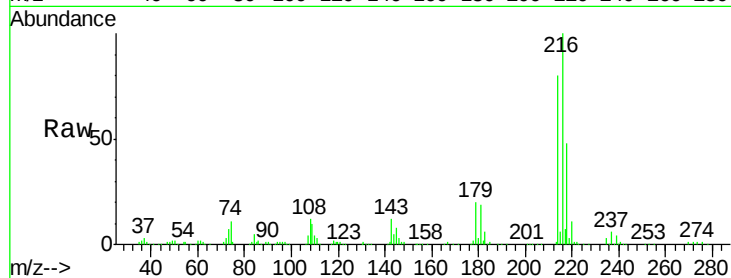
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.8

179 21.2 18.2 27.2

108 19.2 17.2 25.8

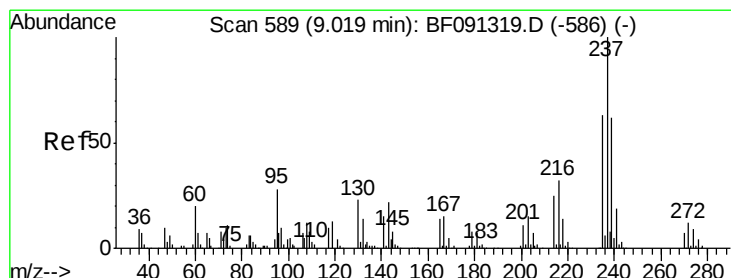
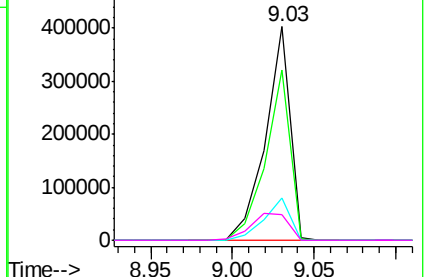
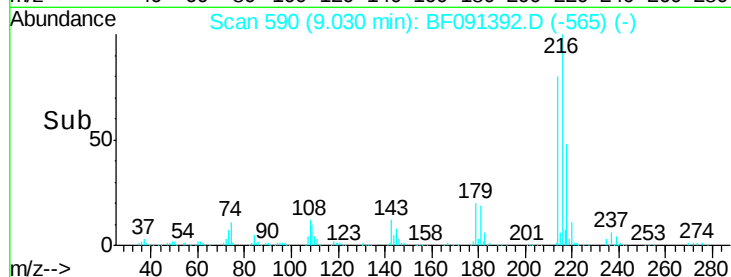


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.00 ng

RT: 9.02 min Scan# 589

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

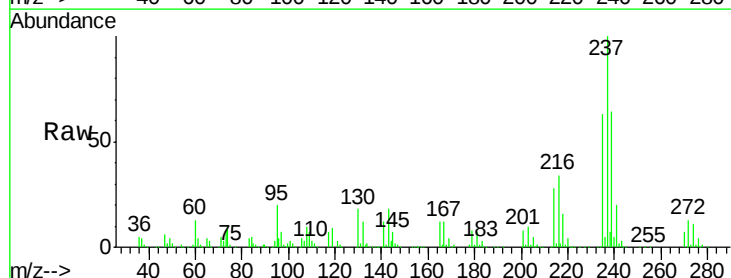
Tgt Ion:237 Resp: 485689

Ion Ratio Lower Upper

237 100

235 63.0 43.9 83.9

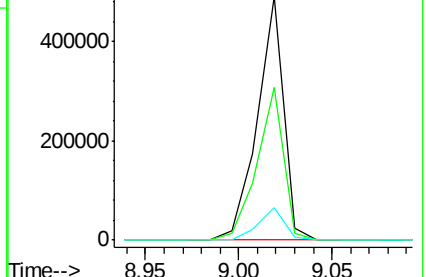
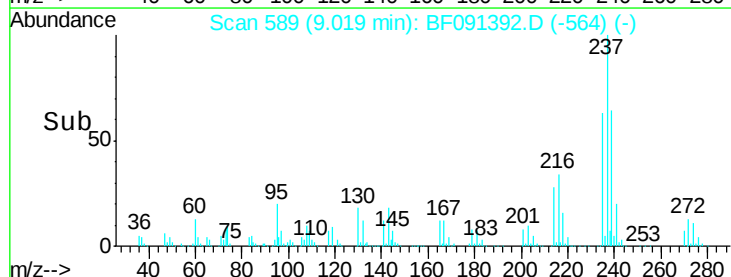
272 13.5 0.0 33.1

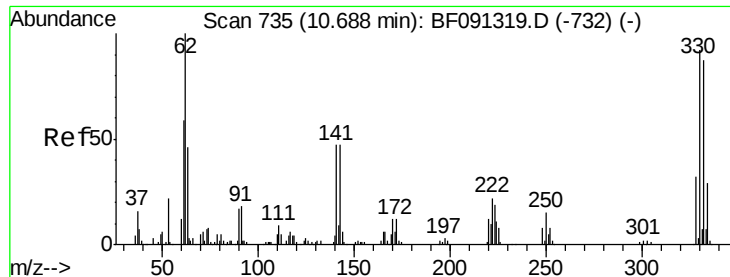


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

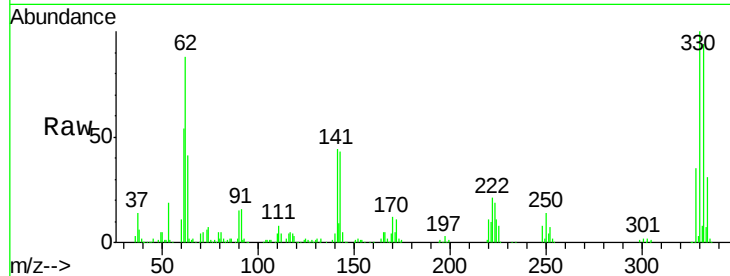




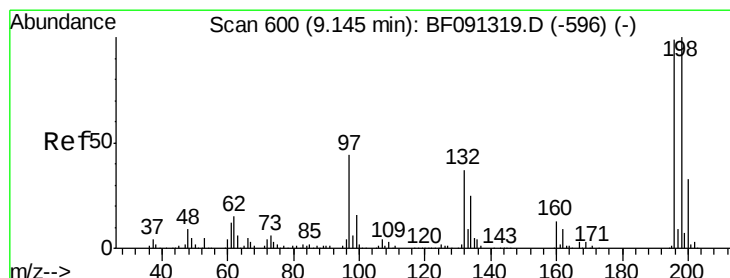
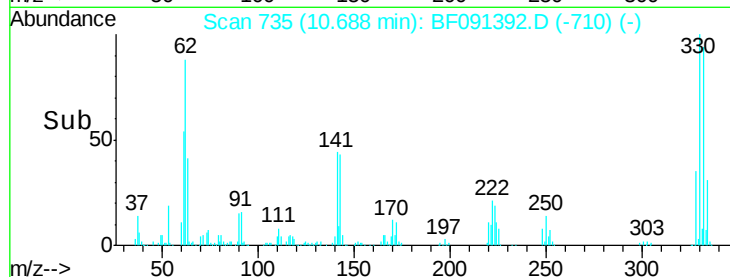
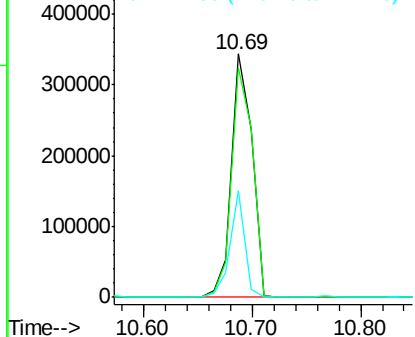
#41
 2,4,6-Tribromophenol
 Concen: 100.92 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

Tgt Ion:330 Resp: 443904
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 31.5 33.6 50.4#

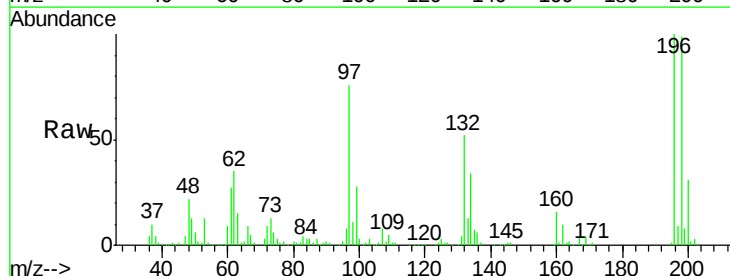


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

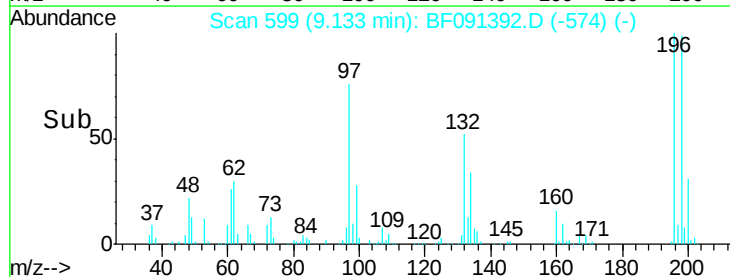
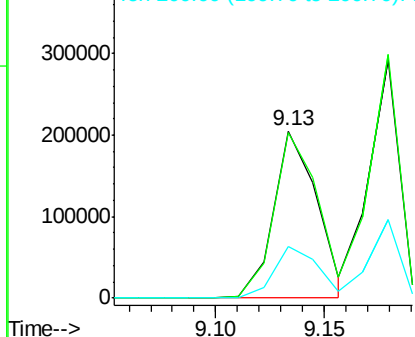


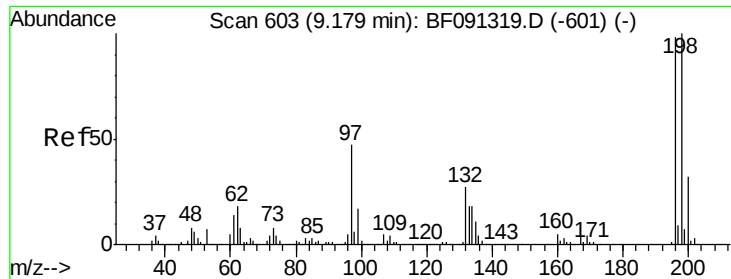
#42
 2,4,6-Trichlorophenol
 Concen: 33.73 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion:196 Resp: 287096
 Ion Ratio Lower Upper
 196 100
 198 99.1 77.4 116.0
 200 31.0 25.2 37.8



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

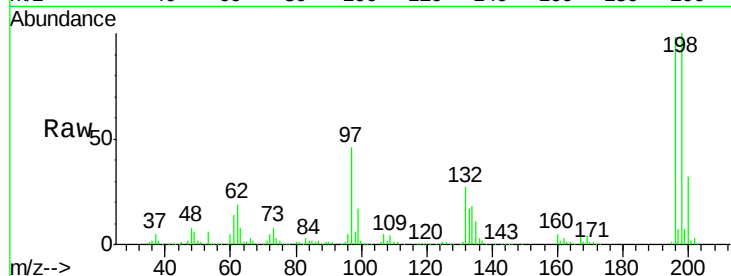




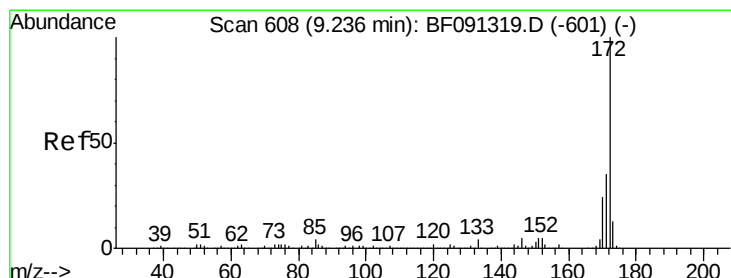
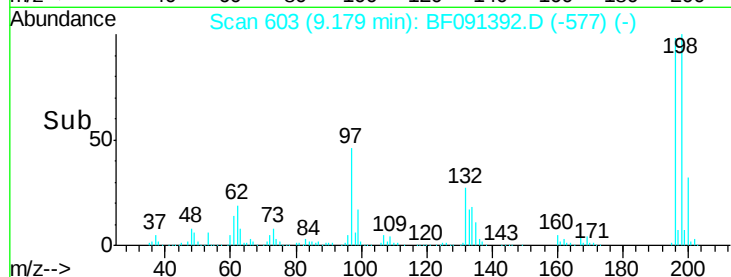
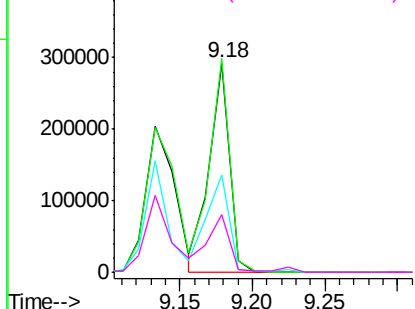
#43
 2,4,5-Trichlorophenol
 Concen: 33.35 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

Tgt Ion:196 Resp: 284498
 Ion Ratio Lower Upper
 196 100
 198 102.1 77.0 115.6
 97 46.6 33.5 50.3
 132 27.5 20.5 30.7

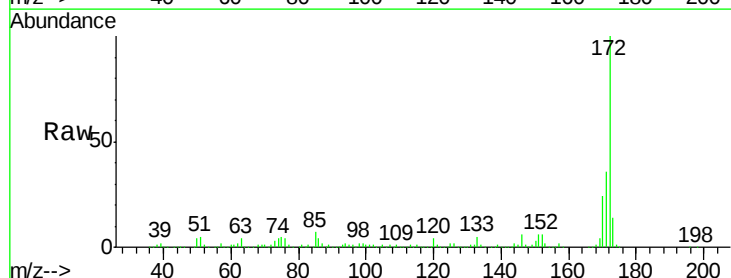


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

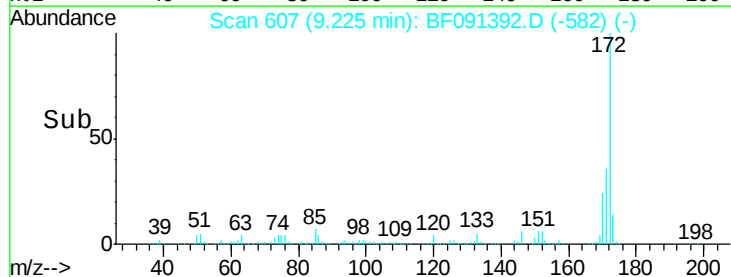
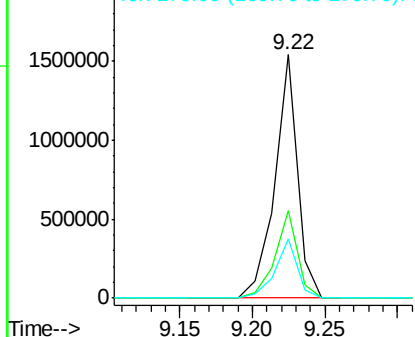


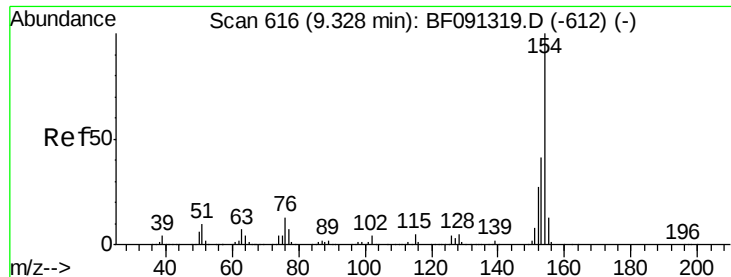
#44
 2-Fluorobiphenyl
 Concen: 64.81 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion:172 Resp: 1663178
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.4 19.7 29.5



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: 34.54 ng

RT: 9.33 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

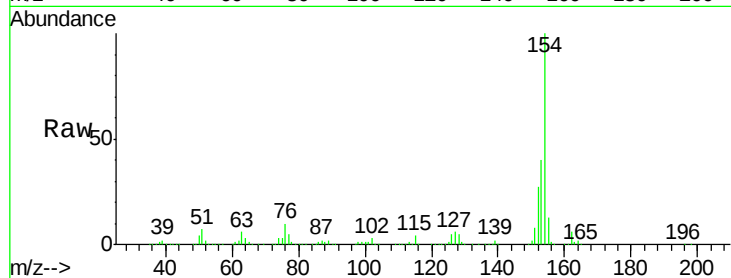
Tgt Ion:154 Resp: 1153874

Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

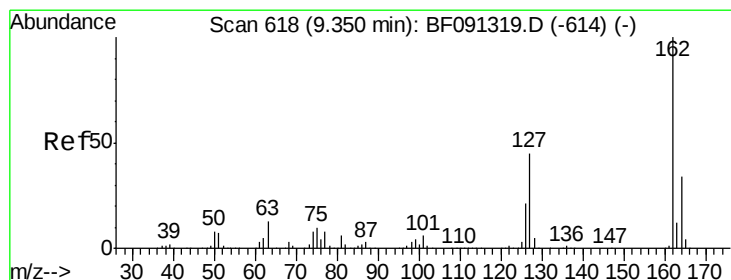
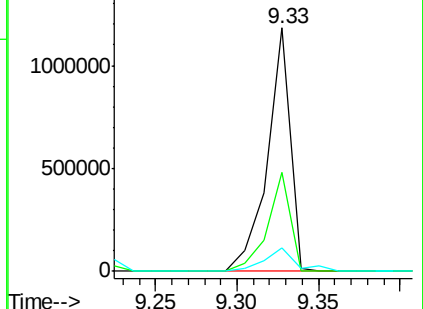
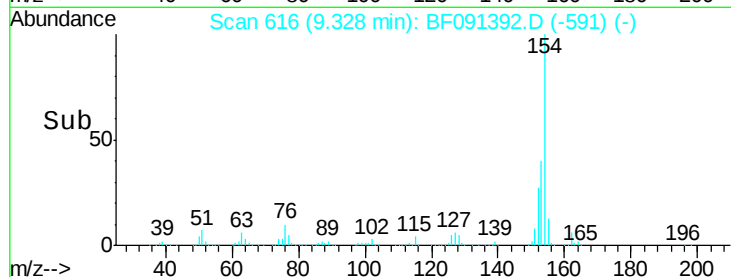
76 9.6 0.0 36.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 33.60 ng

RT: 9.35 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

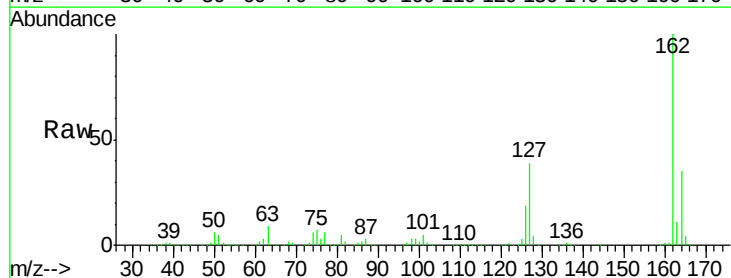
Tgt Ion:162 Resp: 835946

Ion Ratio Lower Upper

162 100

127 39.4 34.3 51.5

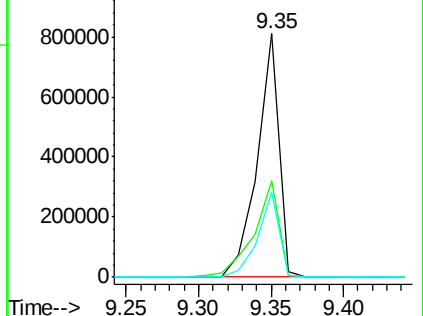
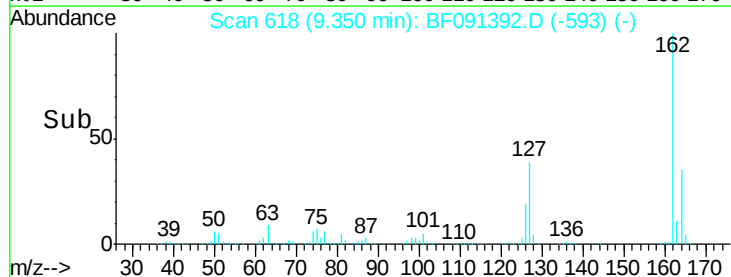
164 35.0 26.6 40.0

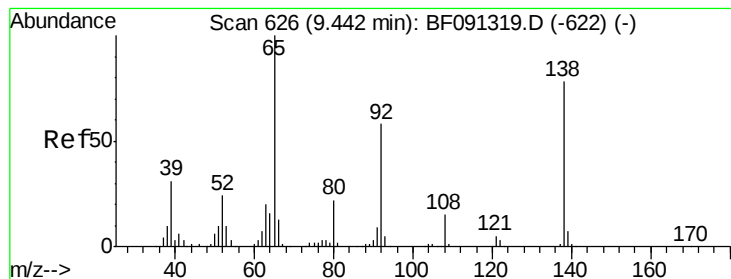


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.75 ng

RT: 9.44 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

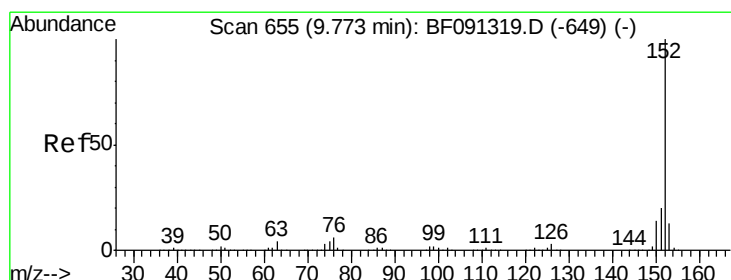
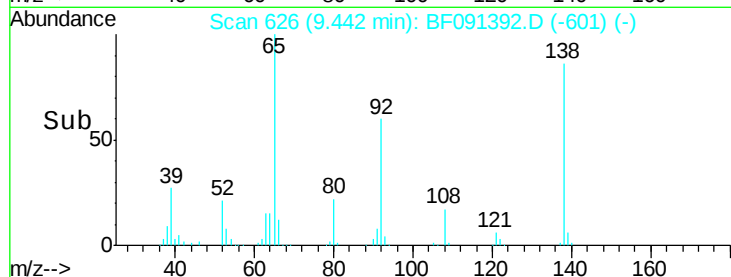
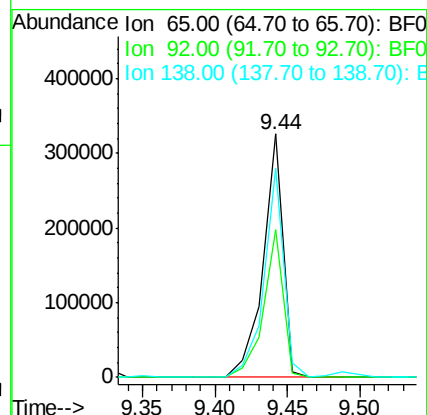
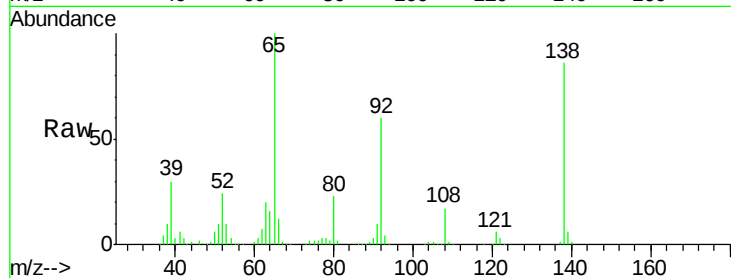
Tgt Ion: 65 Resp: 310561

Ion Ratio Lower Upper

65 100

92 60.4 53.6 80.4

138 86.1 91.0 136.6#



#48

Acenaphthylene

Concen: 30.79 ng

RT: 9.76 min Scan# 654

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

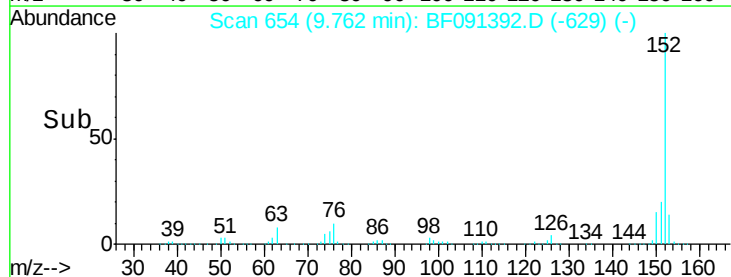
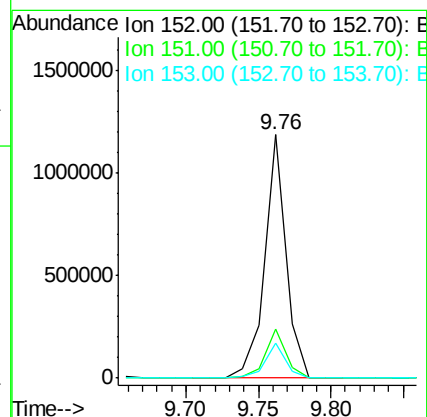
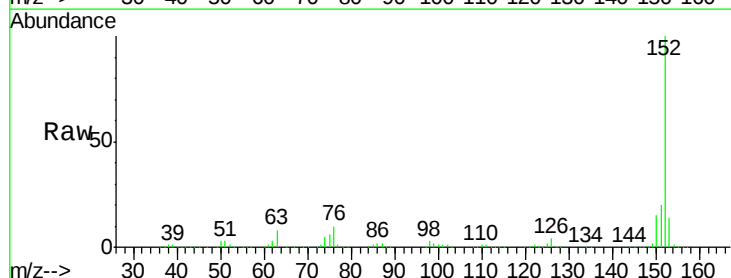
Tgt Ion: 152 Resp: 1205988

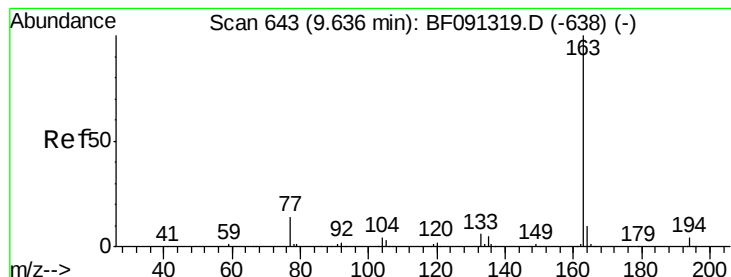
Ion Ratio Lower Upper

152 100

151 20.4 16.6 24.8

153 14.4 10.7 16.1





#49

Dimethylphthalate

Concen: 32.44 ng

RT: 9.62 min Scan# 642

Delta R.T. -0.03 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

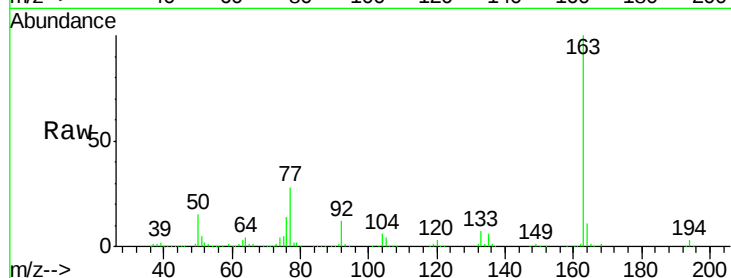
Tgt Ion:163 Resp: 912567

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

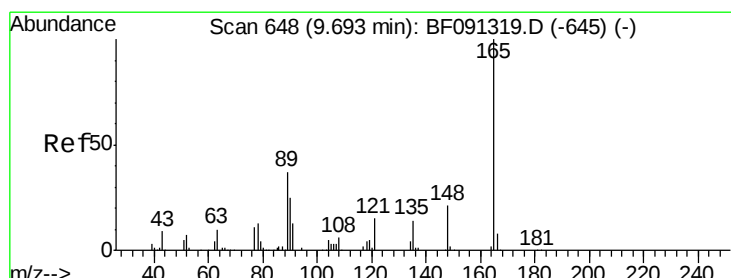
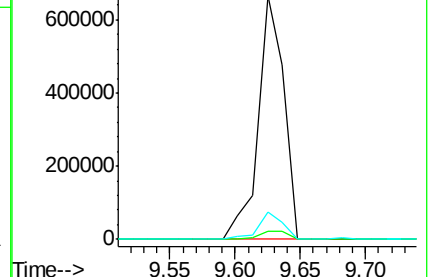
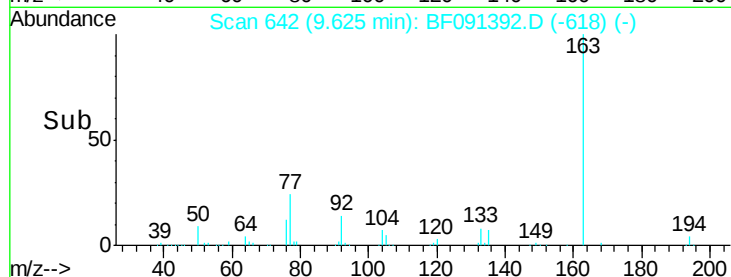
164 11.3 7.8 11.8



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: 32.87 ng

RT: 9.68 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

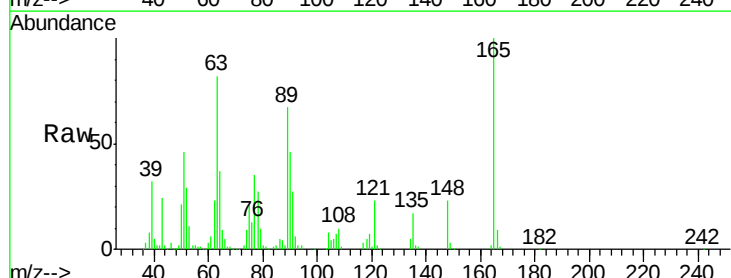
Tgt Ion:165 Resp: 206683

Ion Ratio Lower Upper

165 100

63 82.5 59.4 89.0

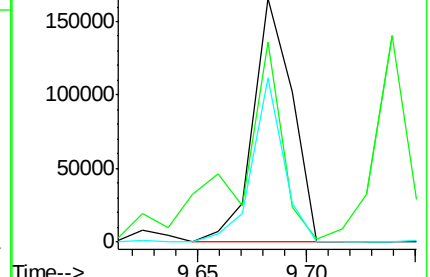
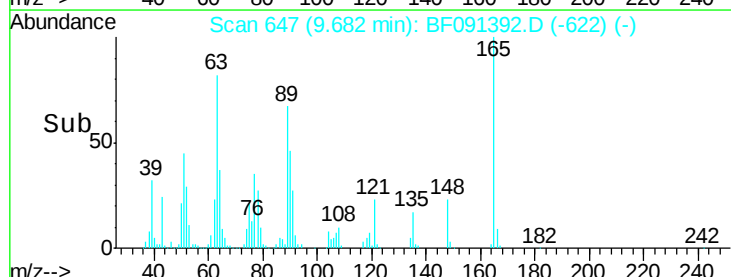
89 67.4 50.8 76.2



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: 33.19 ng

RT: 9.93 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

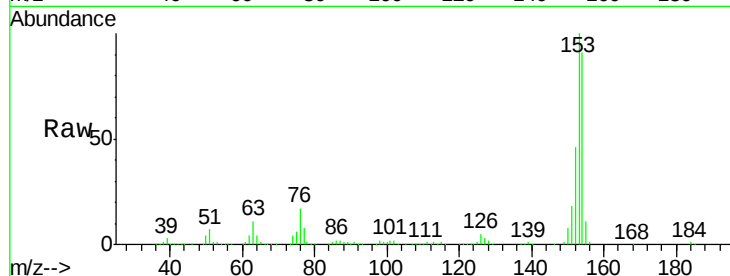
Tgt Ion:154 Resp: 876802

Ion Ratio Lower Upper

154 100

153 110.4 91.0 136.6

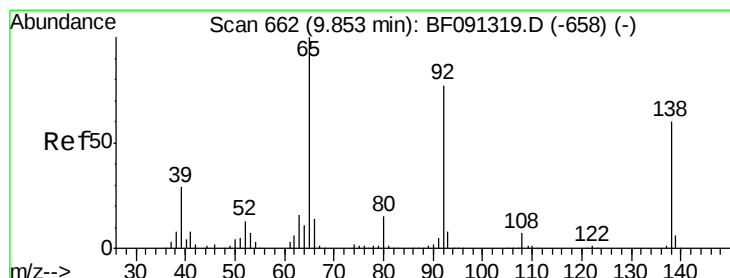
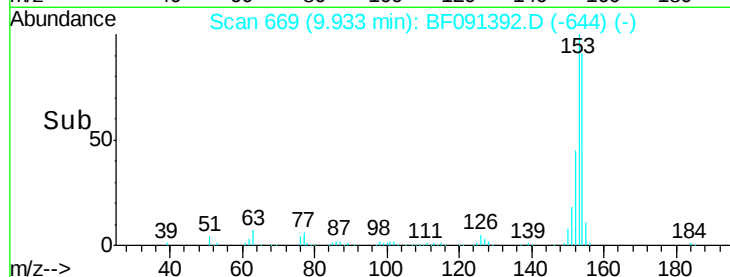
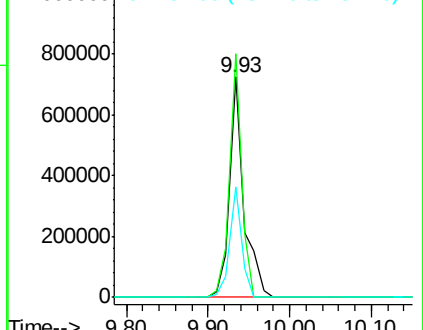
152 50.3 44.2 66.2



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: 20.99 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

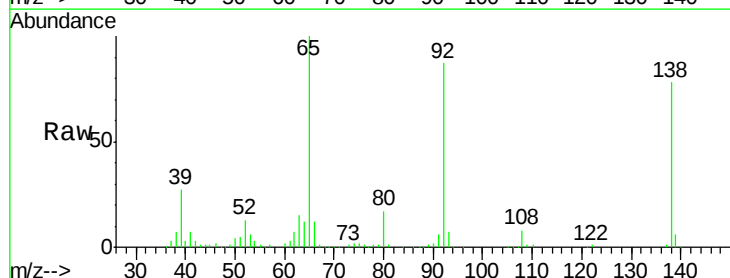
Tgt Ion:138 Resp: 152770

Ion Ratio Lower Upper

138 100

108 10.3 8.1 12.1

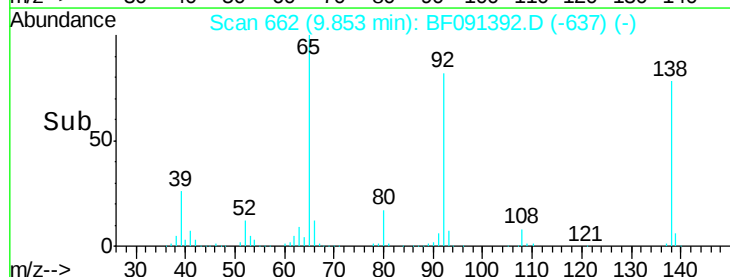
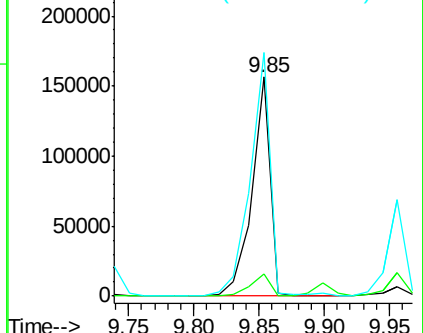
92 111.2 92.5 138.7

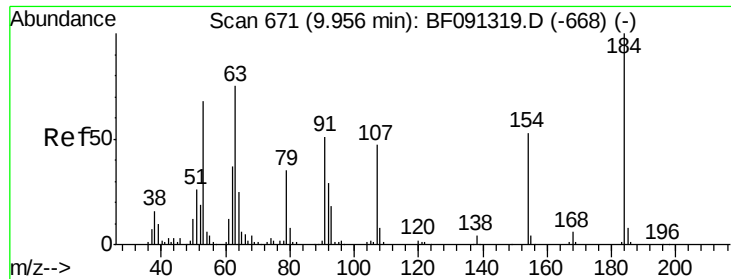


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

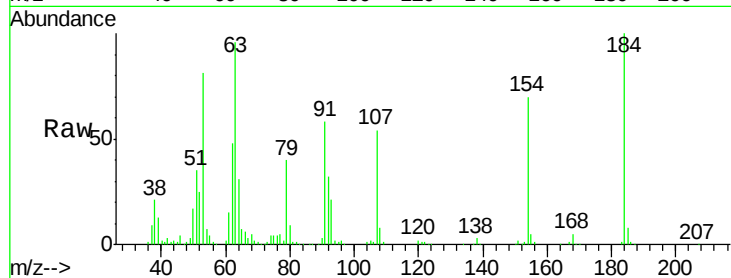




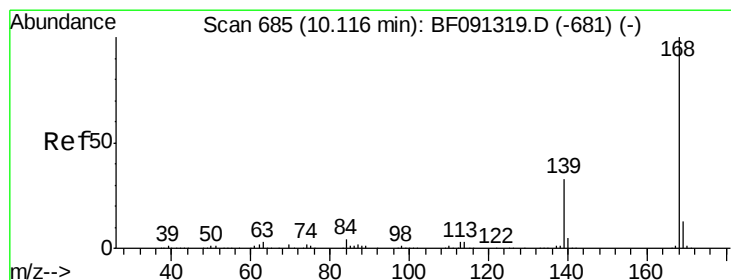
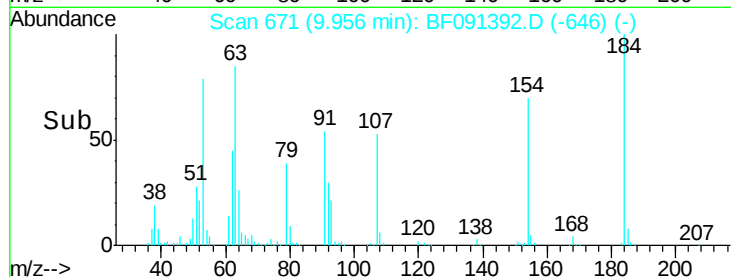
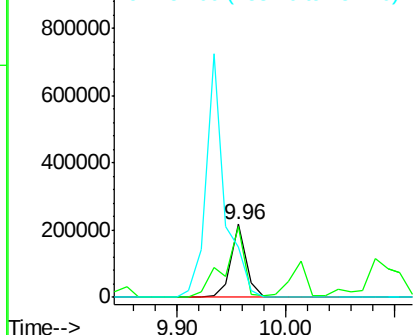
#53
2,4-Dinitrophenol
Concen: 77.94 ng
RT: 9.96 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleID :
PB95000BS

Tgt Ion:184 Resp: 214312
Ion Ratio Lower Upper
184 100
63 96.0 58.3 87.5#
154 69.5 48.6 73.0

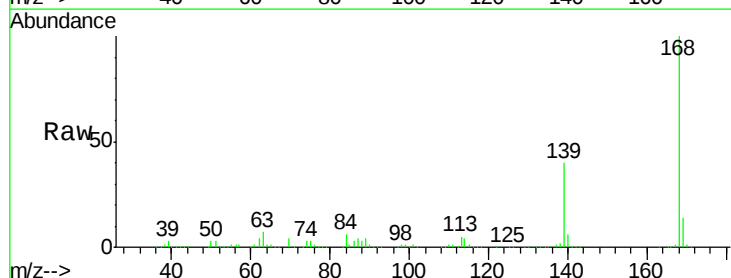


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

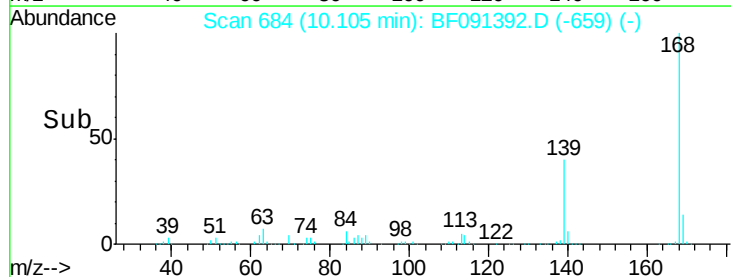
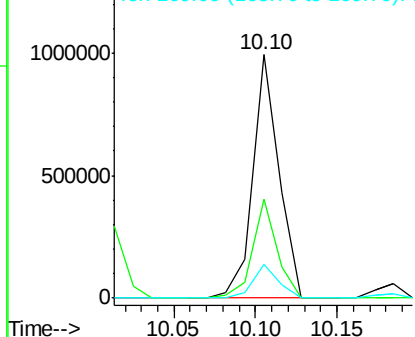


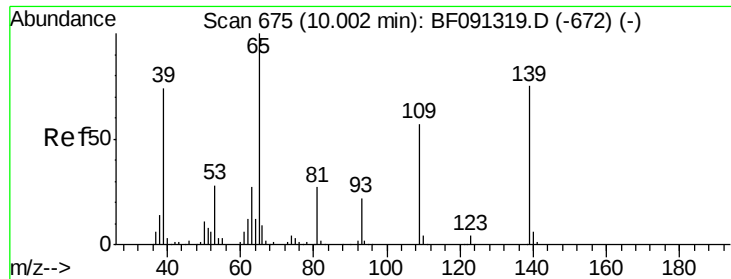
#54
Dibenzofuran
Concen: 31.11 ng
RT: 10.10 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion:168 Resp: 1100506
Ion Ratio Lower Upper
168 100
139 40.5 33.4 50.2
169 13.7 11.1 16.7



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

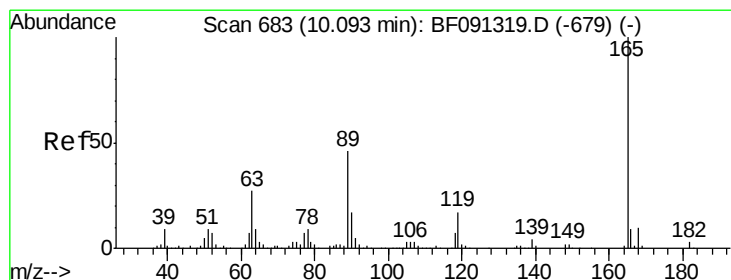
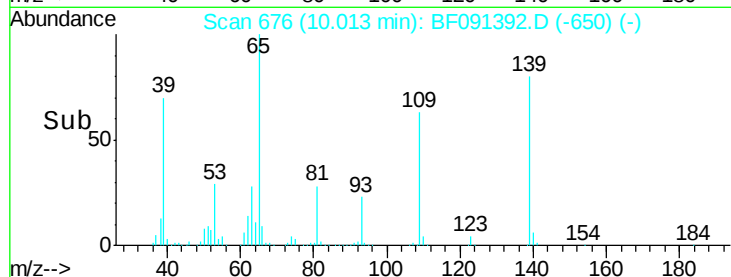
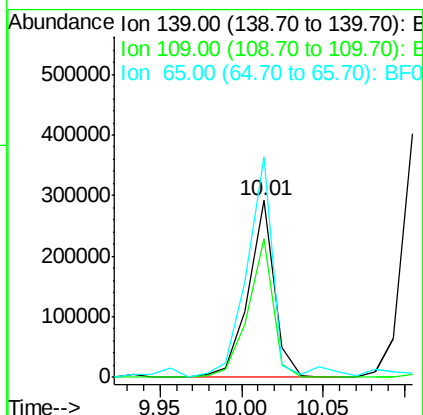
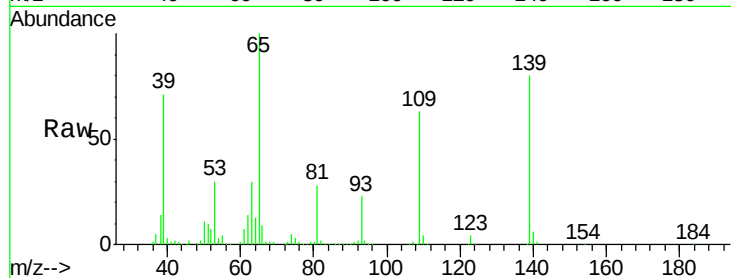




#55
4-Nitrophenol
Concen: 62.11 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

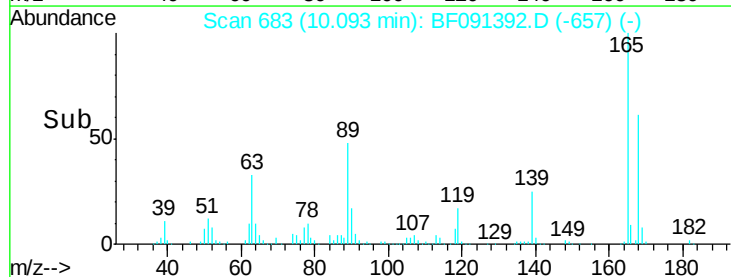
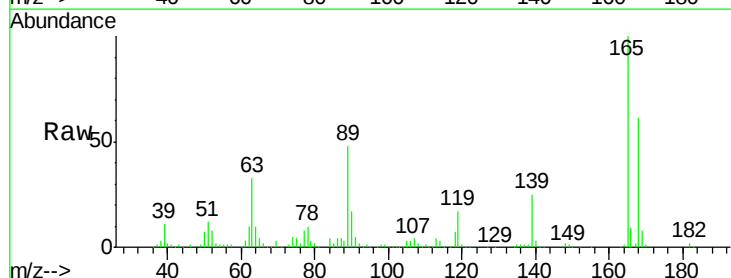
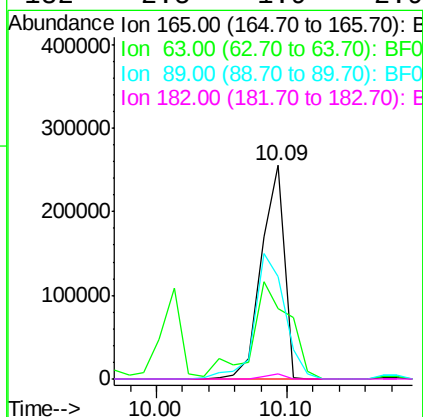
Instrument :
BNA_F
ClientSampleId :
PB95000BS

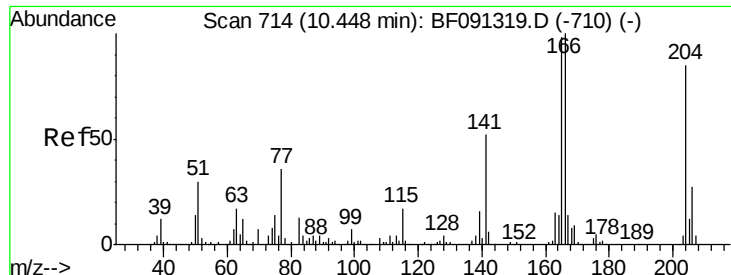
Tgt Ion:139 Resp: 326510
Ion Ratio Lower Upper
139 100
109 78.3 54.9 94.9
65 125.0 102.2 142.2



#56
2,4-Dinitrotoluene
Concen: 38.58 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion:165 Resp: 314710
Ion Ratio Lower Upper
165 100
63 32.7 29.0 43.4
89 48.0 43.1 64.7
182 2.5 1.9 2.9

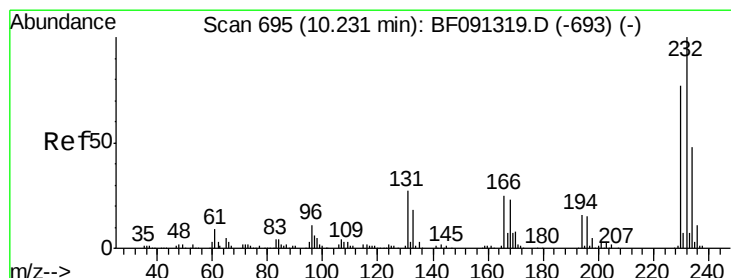
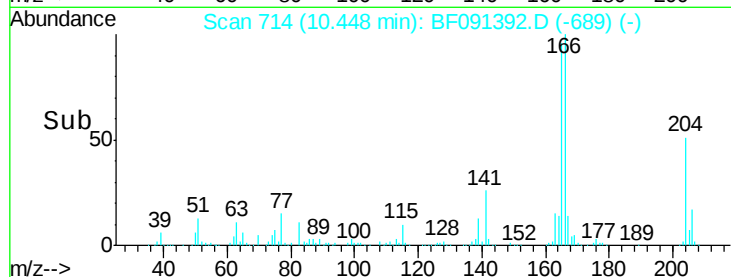
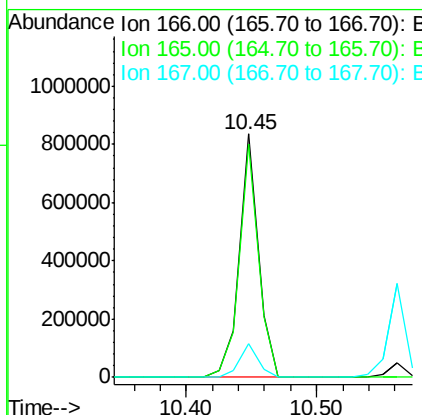
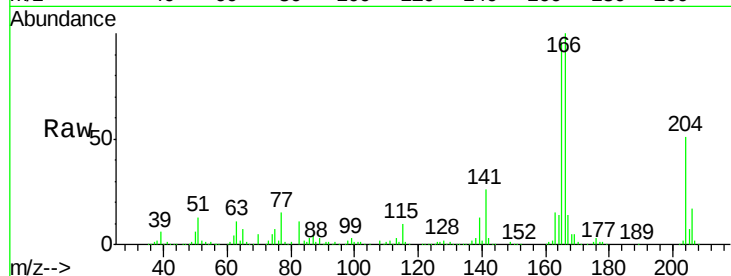




#57
Fluorene
 Concen: 31.07 ng
 RT: 10.45 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

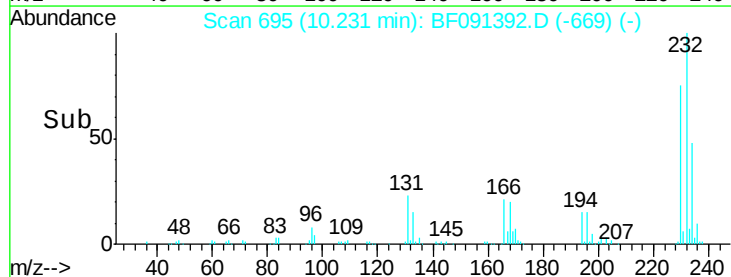
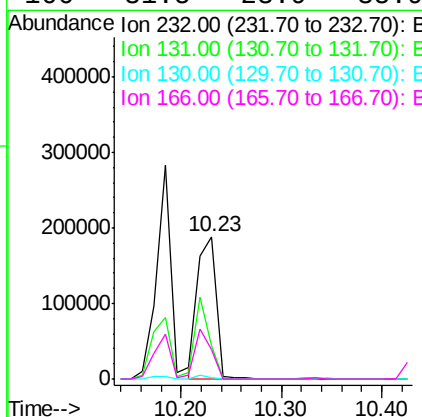
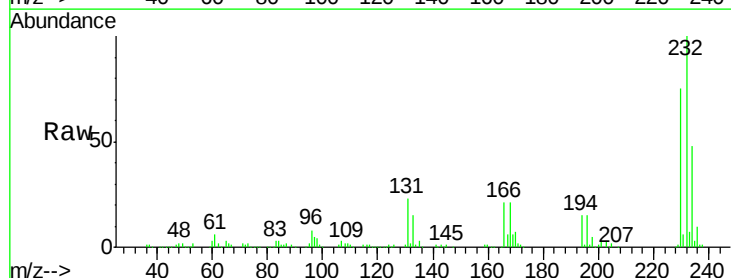
Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

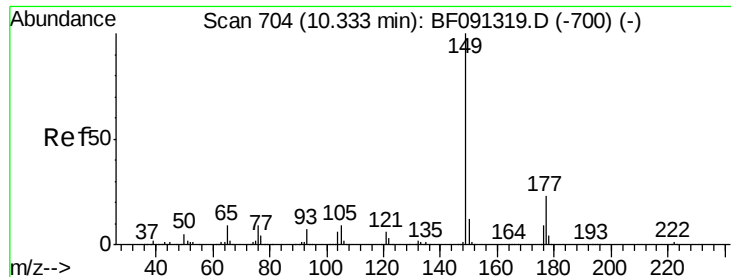
Tgt Ion:166 Resp: 843821
 Ion Ratio Lower Upper
 166 100
 165 95.9 80.0 120.0
 167 13.7 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.93 ng
 RT: 10.23 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion:232 Resp: 247202
 Ion Ratio Lower Upper
 232 100
 131 45.3 38.4 57.6
 130 2.3 1.8 2.8
 166 31.5 23.9 35.9

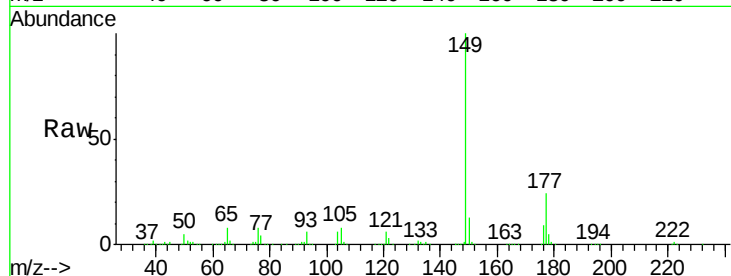




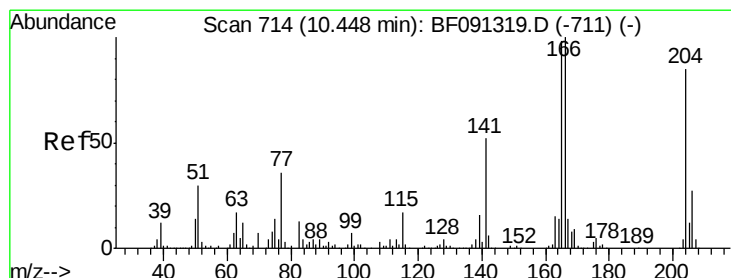
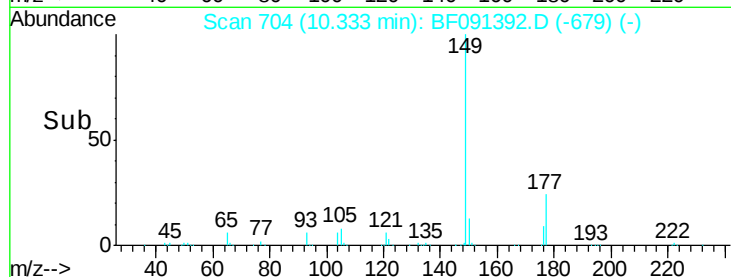
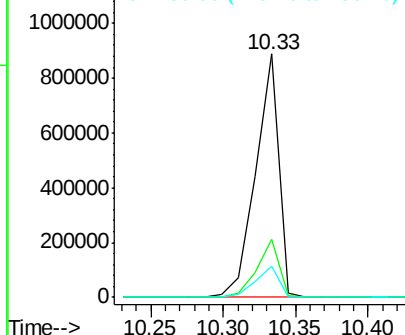
#59
Diethylphthalate
Concen: 35.33 ng
RT: 10.33 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB95000BS

Tgt Ion:149 Resp: 981139
Ion Ratio Lower Upper
149 100
177 23.7 15.7 23.5#
150 12.6 10.2 15.2

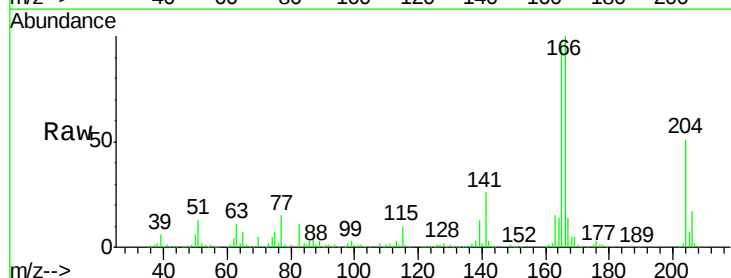


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

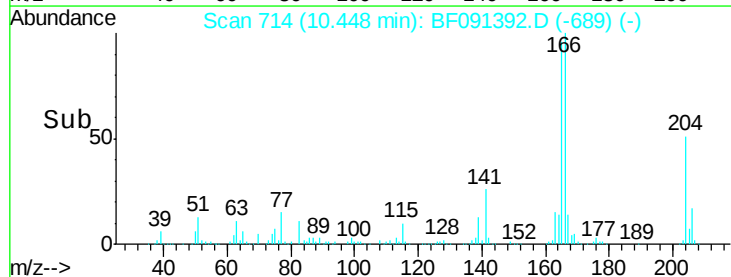
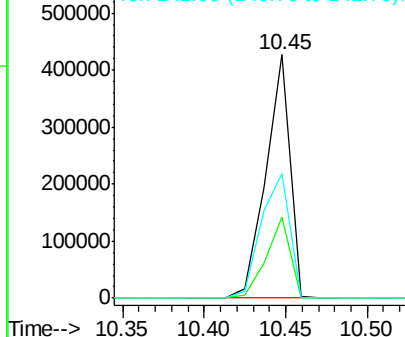


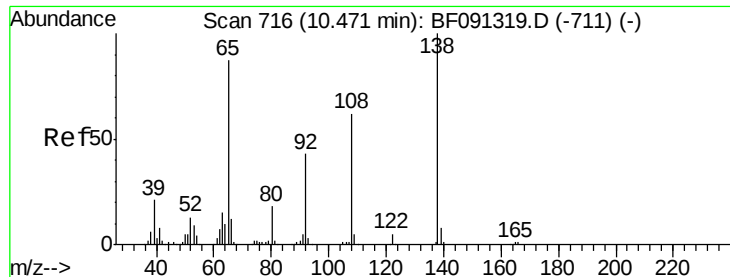
#60
4-Chlorophenyl-phenylether
Concen: 32.27 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion:204 Resp: 439514
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 51.2 40.6 61.0



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

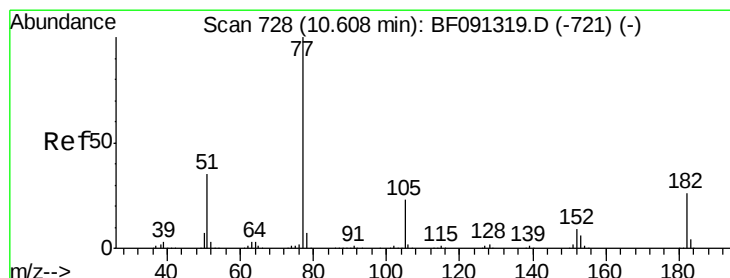
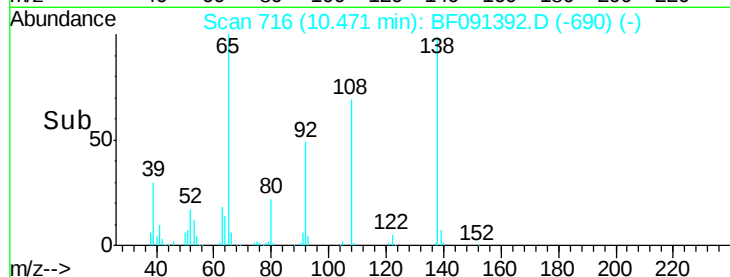
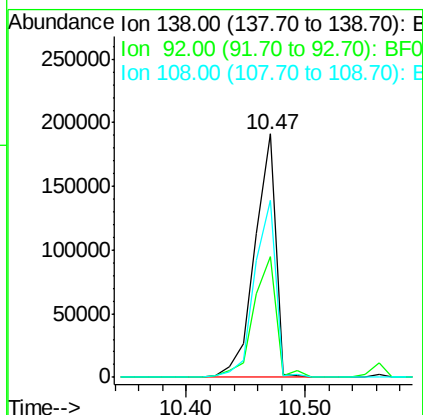
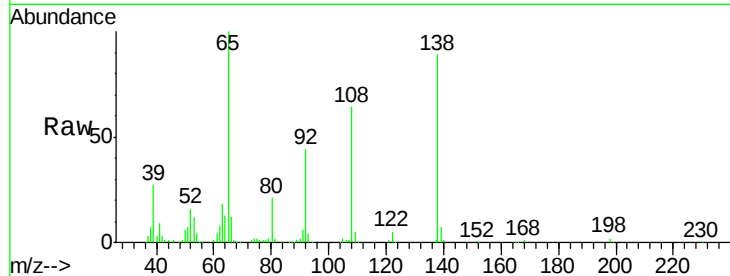




#61
4-Nitroaniline
Concen: 34.59 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

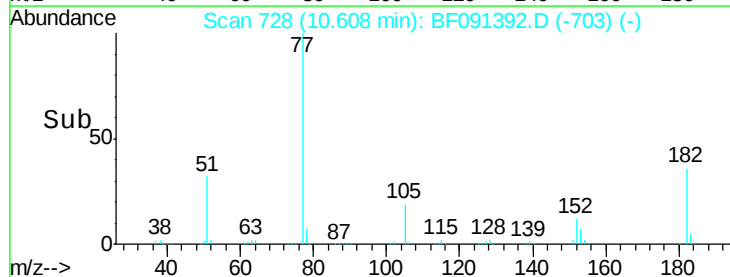
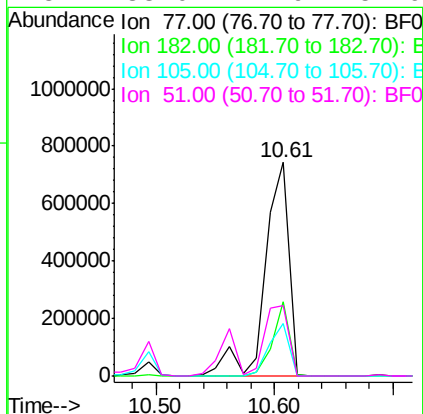
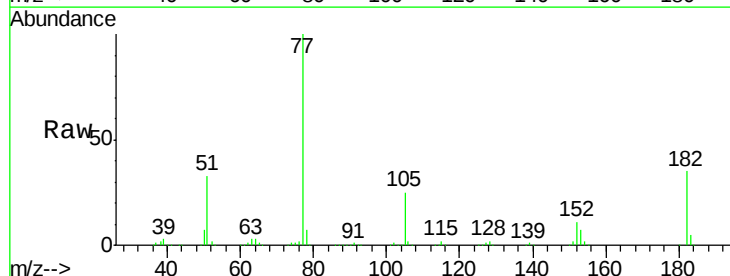
Instrument :
BNA_F
ClientSampleId :
PB95000BS

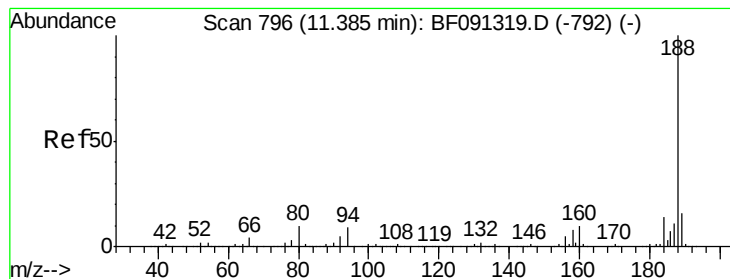
Tgt Ion:138 Resp: 236430
Ion Ratio Lower Upper
138 100
92 49.8 26.9 66.9
108 72.6 49.1 89.1



#62
Azobenzene
Concen: 36.98 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion: 77 Resp: 1047912
Ion Ratio Lower Upper
77 100
182 34.7 12.5 52.5
105 24.6 3.7 43.7
51 33.0 11.9 51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

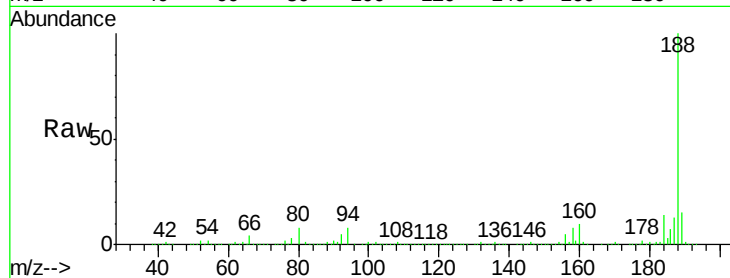
Tgt Ion:188 Resp: 848303

Ion Ratio Lower Upper

188 100

94 7.9 9.2 13.8#

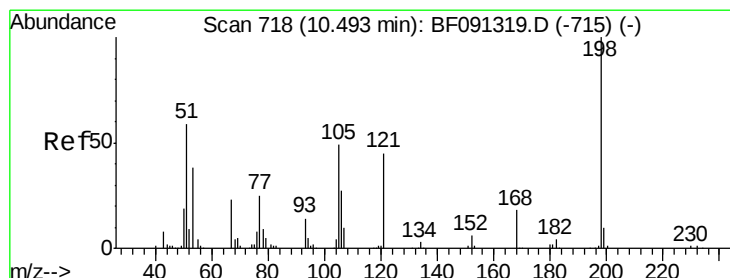
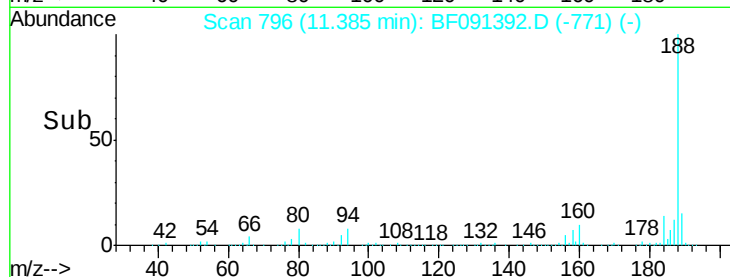
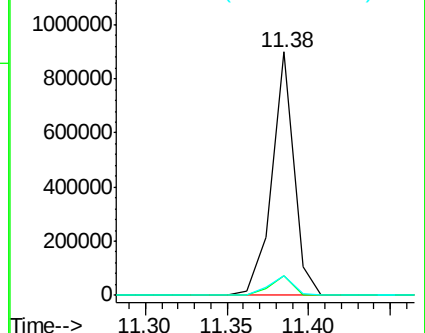
80 8.3 10.5 15.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 33.84 ng

RT: 10.49 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

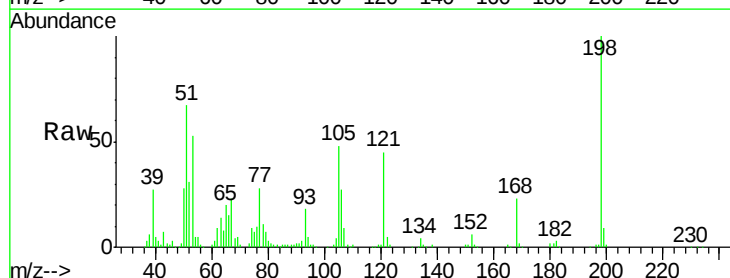
Tgt Ion:198 Resp: 158167

Ion Ratio Lower Upper

198 100

51 67.3 77.1 117.1#

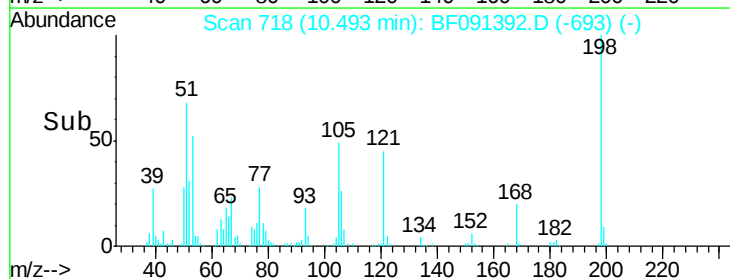
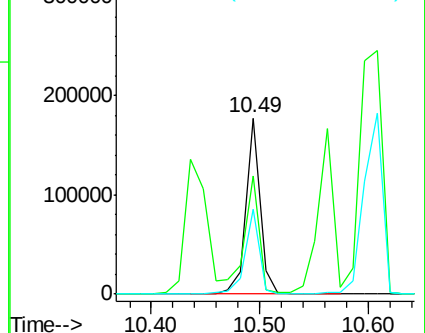
105 48.2 44.8 84.8

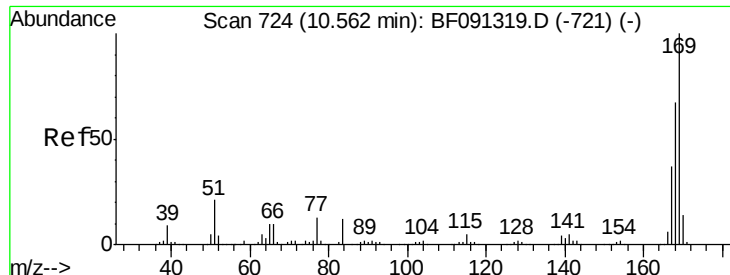


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

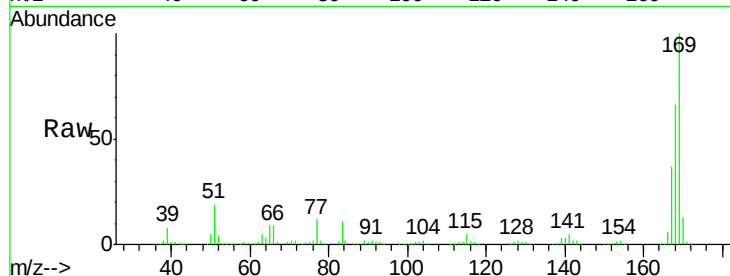




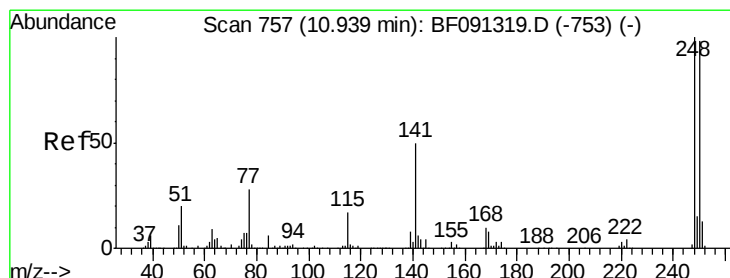
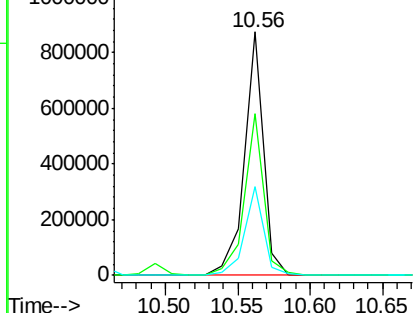
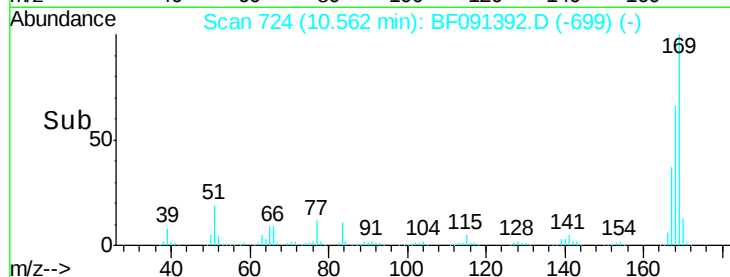
#65
 n-Nitrosodiphenylamine
 Concen: 30.80 ng
 RT: 10.56 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

Tgt Ion:169 Resp: 792088
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.8 80.8
 167 36.6 29.8 44.8

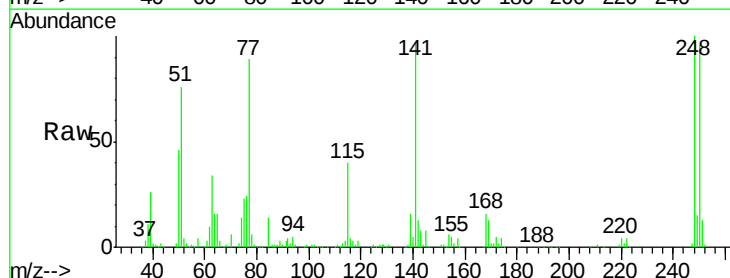


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

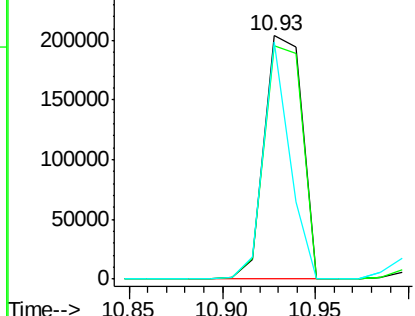
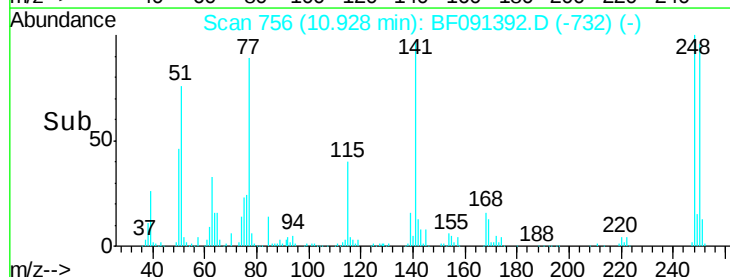


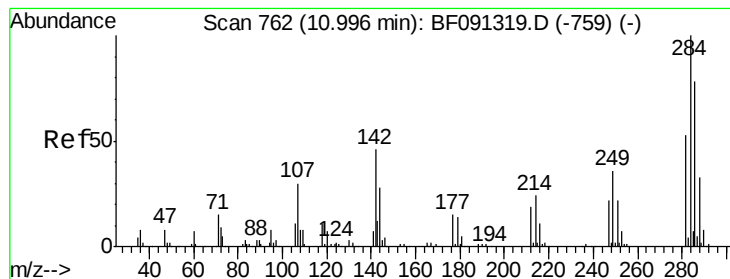
#66
 4-Bromophenyl-phenylether
 Concen: 31.37 ng
 RT: 10.93 min Scan# 756
 Delta R.T. -0.03 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion:248 Resp: 286016
 Ion Ratio Lower Upper
 248 100
 250 95.9 78.2 117.4
 141 97.5 71.9 107.9



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: 30.48 ng

RT: 11.00 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

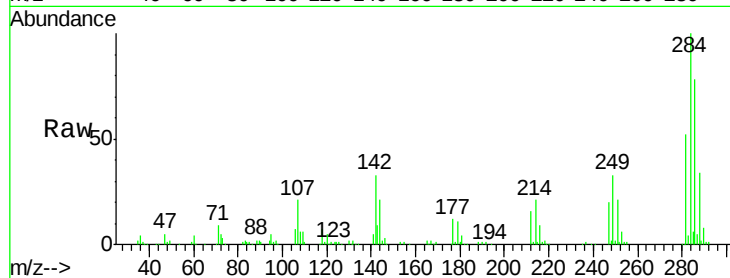
Tgt Ion:284 Resp: 300317

Ion Ratio Lower Upper

284 100

142 33.5 17.9 26.9#

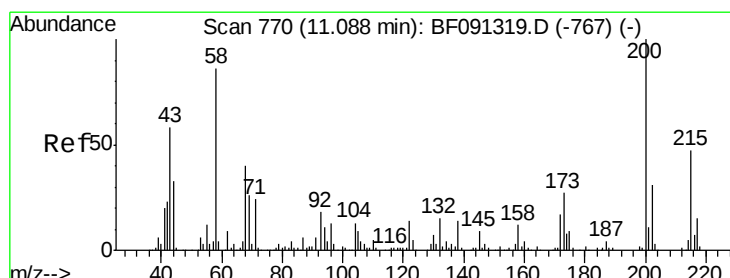
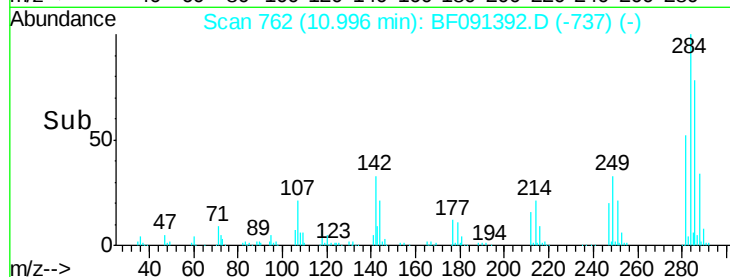
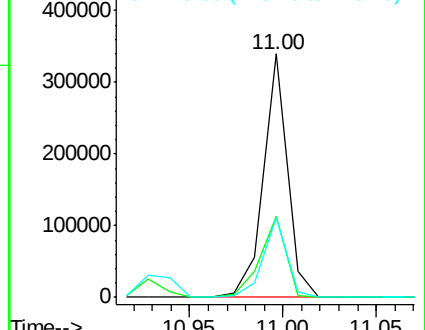
249 33.0 23.6 35.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 29.20 ng

RT: 11.09 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

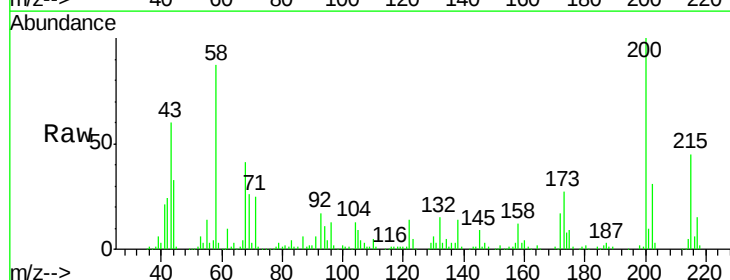
Tgt Ion:200 Resp: 243199

Ion Ratio Lower Upper

200 100

173 27.3 7.8 47.8

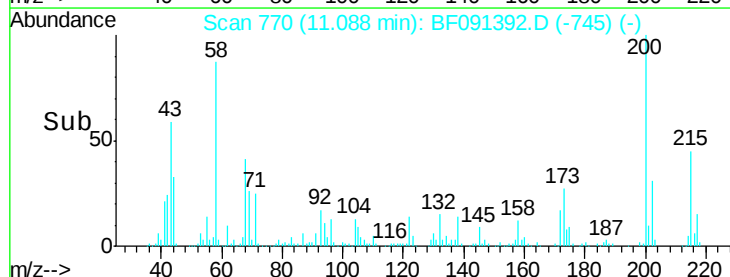
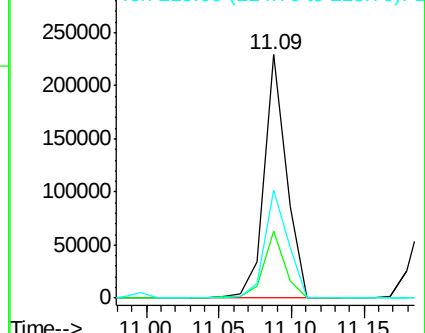
215 44.6 24.3 64.3

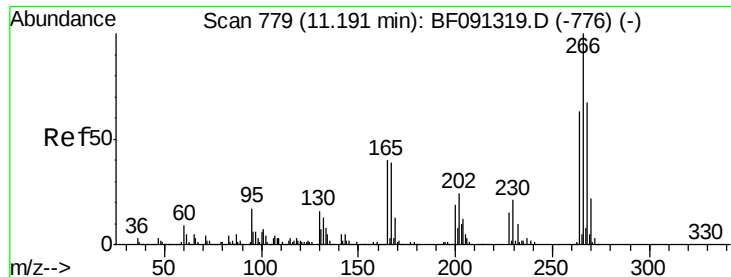


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

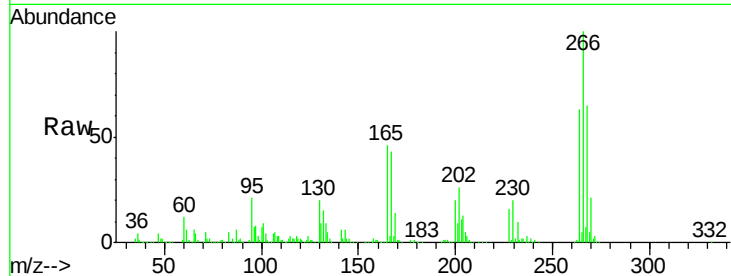




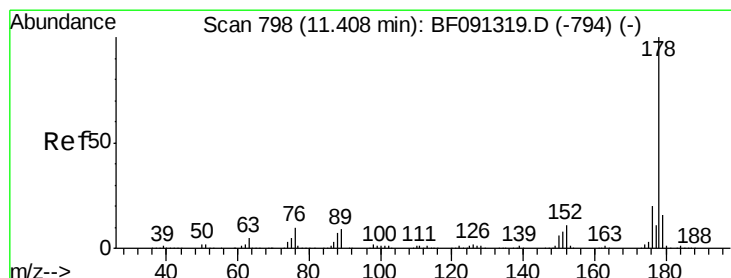
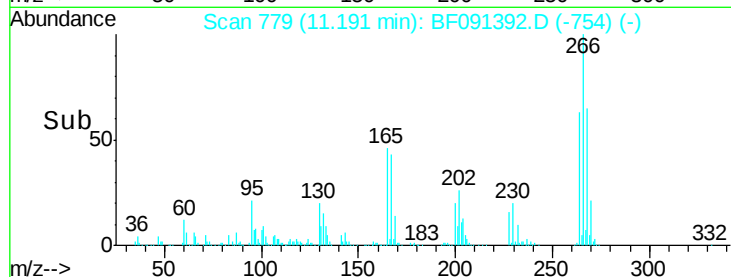
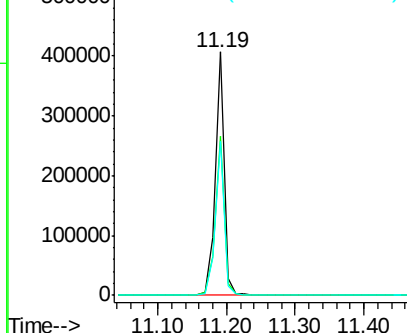
#69
 Pentachlorophenol
 Concen: 64.99 ng
 RT: 11.19 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

Tgt Ion:266 Resp: 376992
 Ion Ratio Lower Upper
 266 100
 268 65.5 50.3 75.5
 264 63.1 48.2 72.2

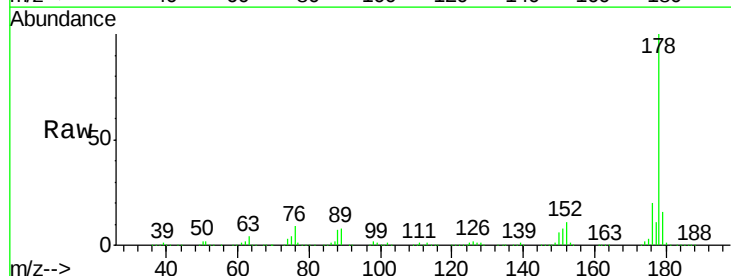


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

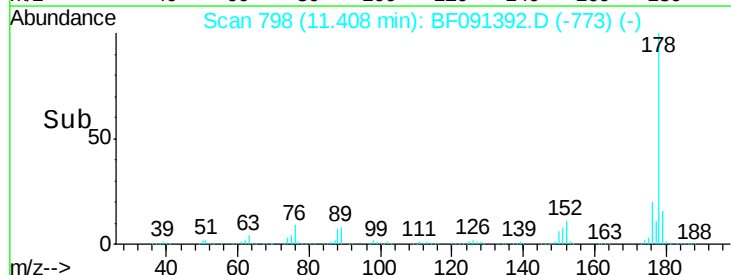
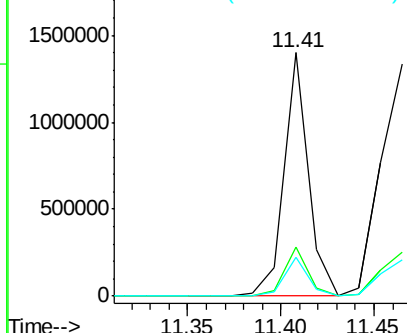


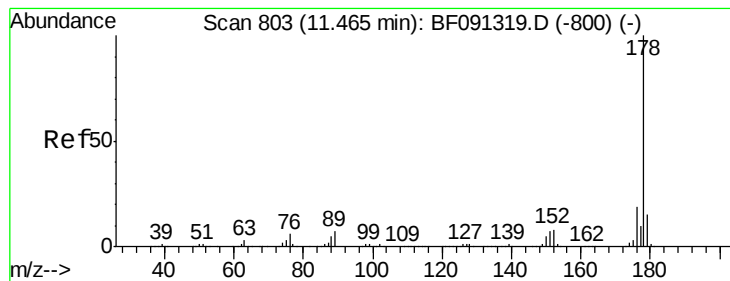
#70
 Phenanthrene
 Concen: 28.83 ng
 RT: 11.41 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion:178 Resp: 1270887
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.9 23.9
 179 16.1 12.6 18.8



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





#71

Anthracene

Concen: 34.00 ng

RT: 11.46 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

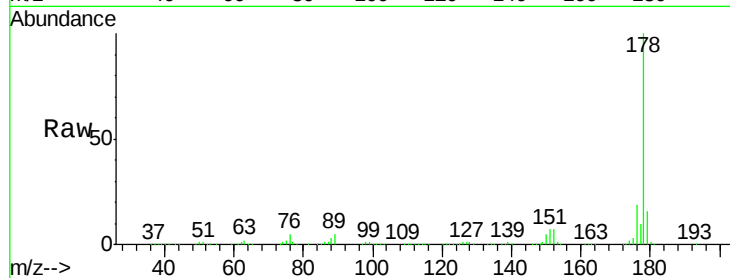
Tgt Ion:178 Resp: 1487338

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.6

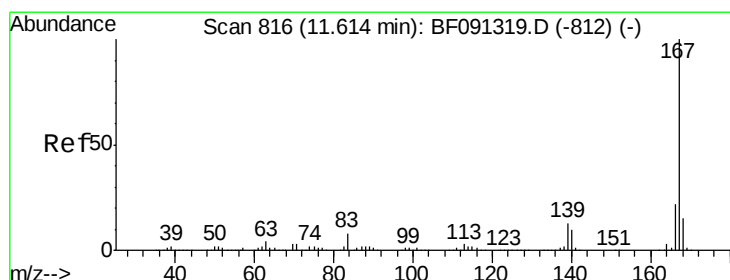
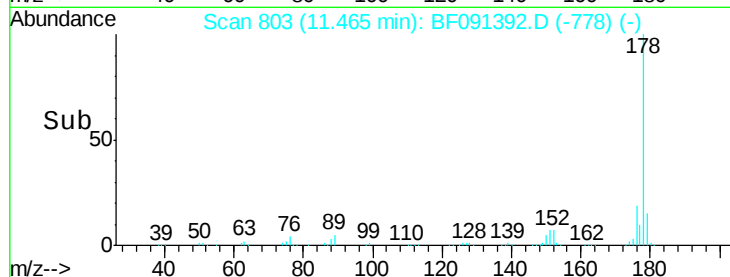
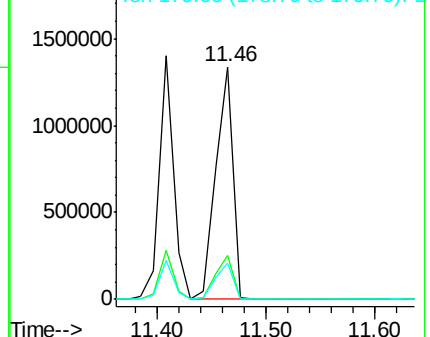
179 15.6 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 31.89 ng

RT: 11.61 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

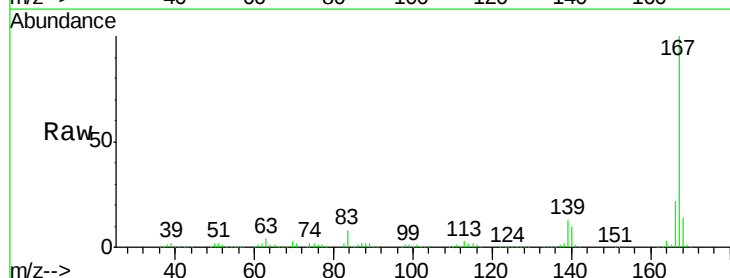
Tgt Ion:167 Resp: 1265919

Ion Ratio Lower Upper

167 100

166 22.4 18.1 27.1

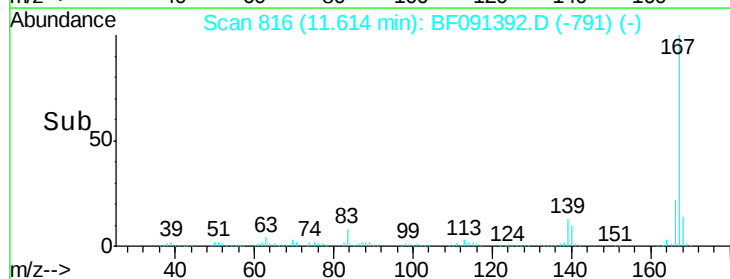
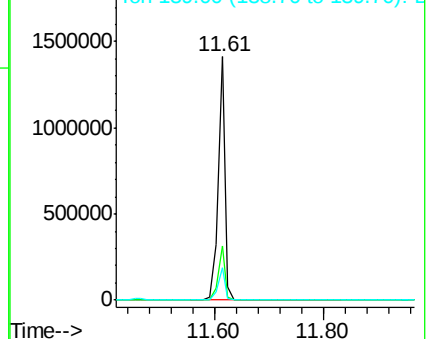
139 13.3 11.5 17.3

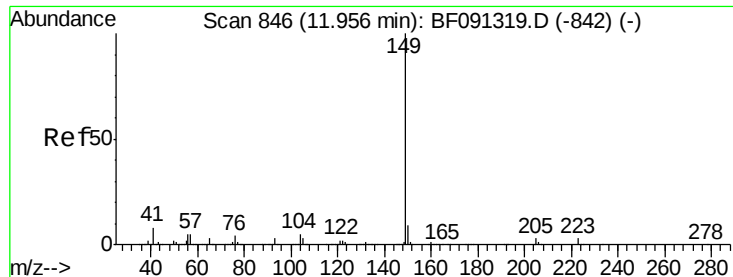


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

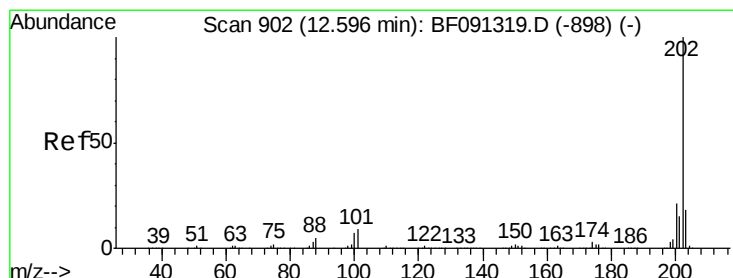
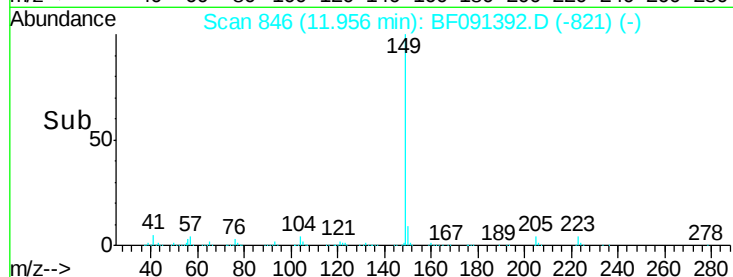
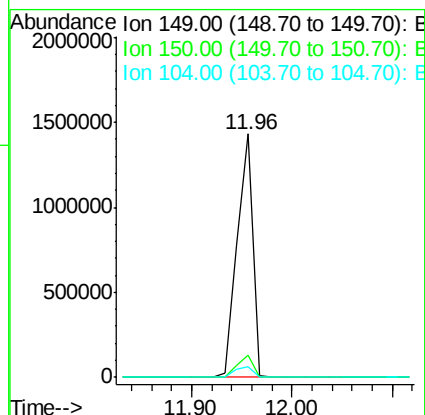
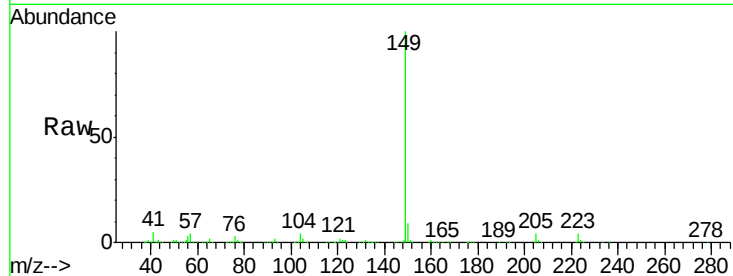




#73
Di-n-butylphthalate
Concen: 34.21 ng
RT: 11.96 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

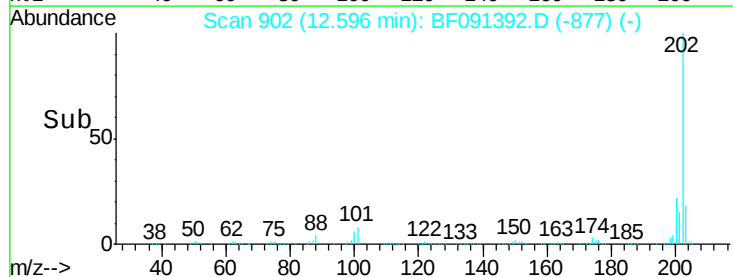
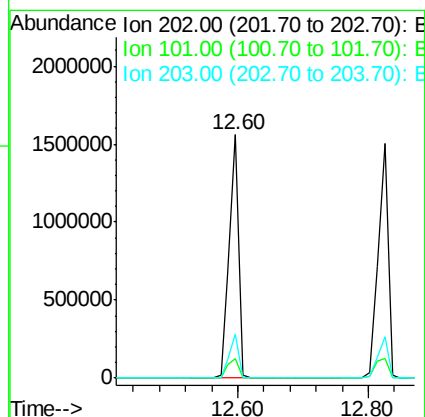
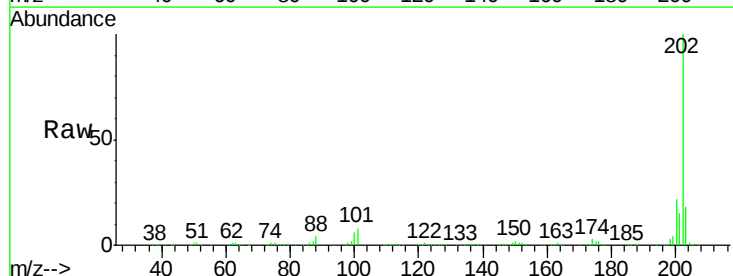
Instrument :
BNA_F
ClientSampleId :
PB95000BS

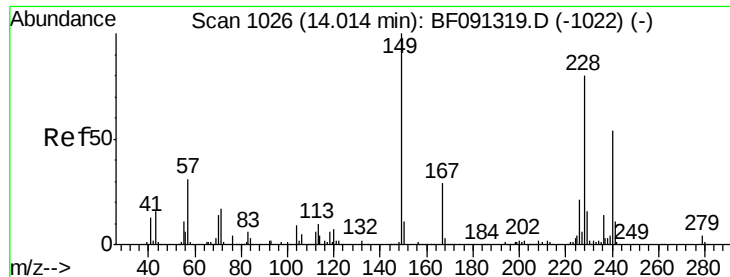
Tgt Ion:149 Resp: 1539166
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 37.49 ng
RT: 12.60 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion:202 Resp: 1565379
Ion Ratio Lower Upper
202 100
101 7.8 0.0 29.5
203 18.2 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

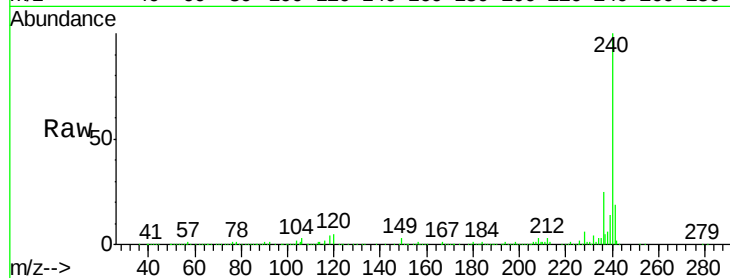
Tgt Ion:240 Resp: 647071

Ion Ratio Lower Upper

240 100

120 5.2 12.1 18.1#

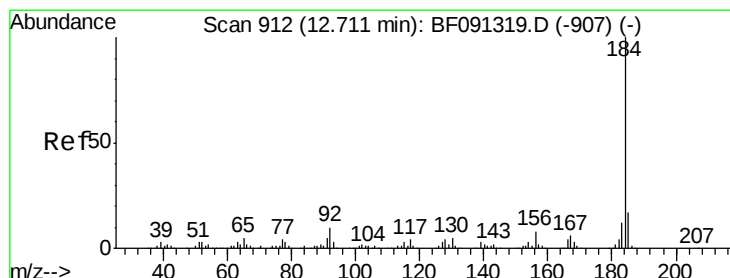
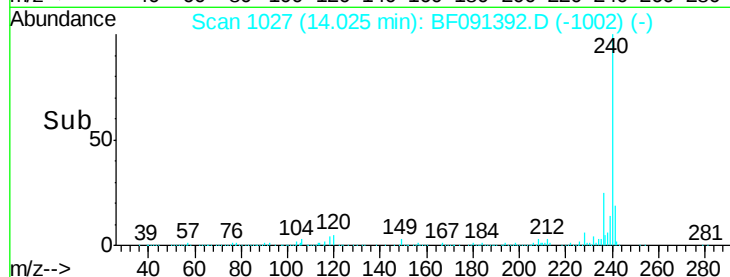
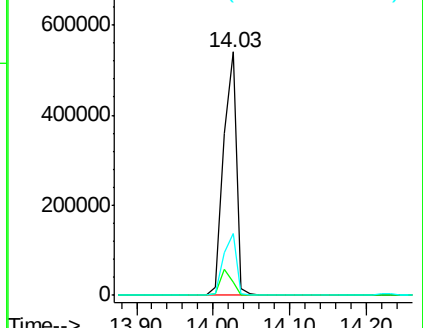
236 25.5 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.47 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

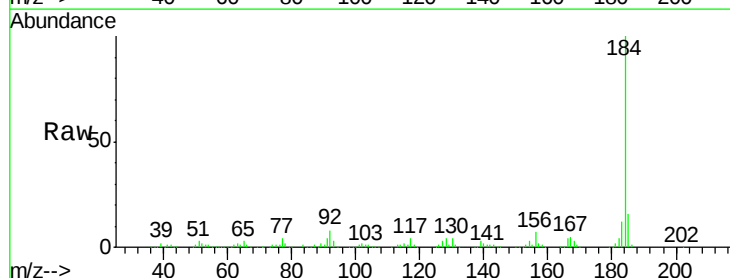
Tgt Ion:184 Resp: 426752

Ion Ratio Lower Upper

184 100

185 15.5 13.1 19.7

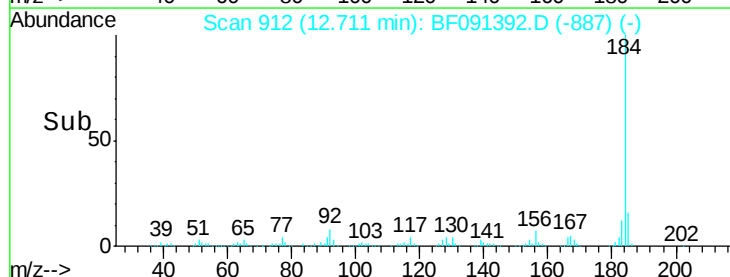
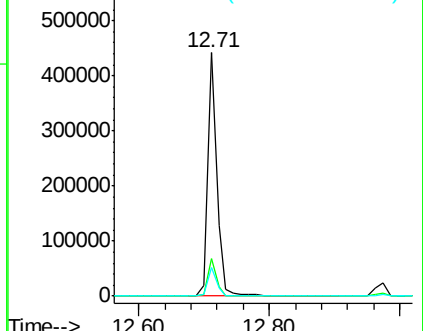
183 11.8 8.9 13.3

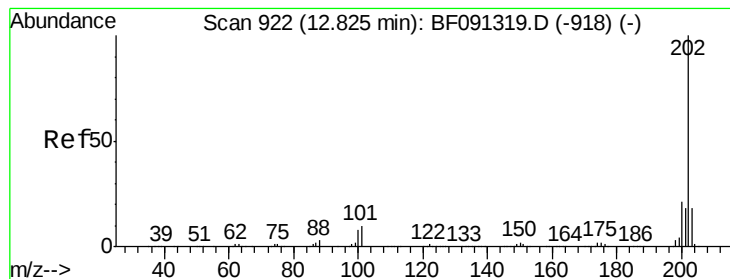


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 31.97 ng

RT: 12.83 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

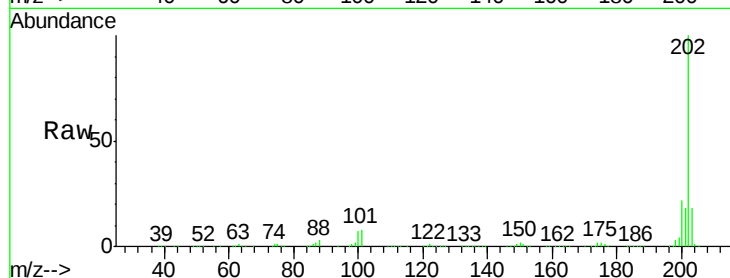
Tgt Ion:202 Resp: 1570125

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

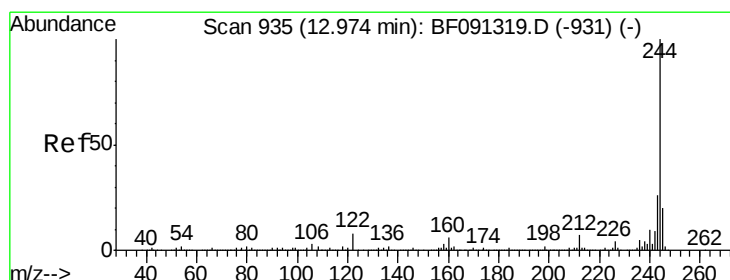
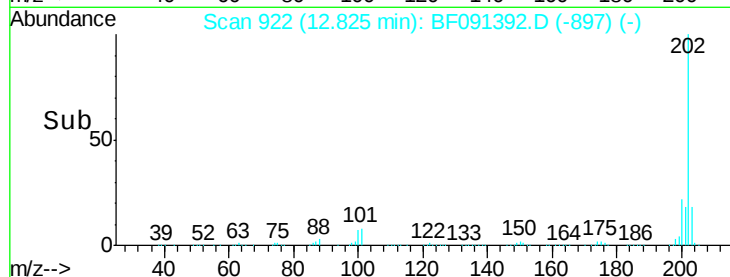
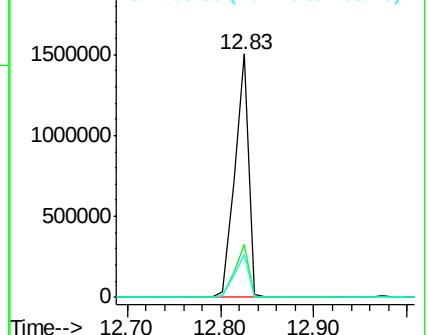
203 17.8 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 65.32 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

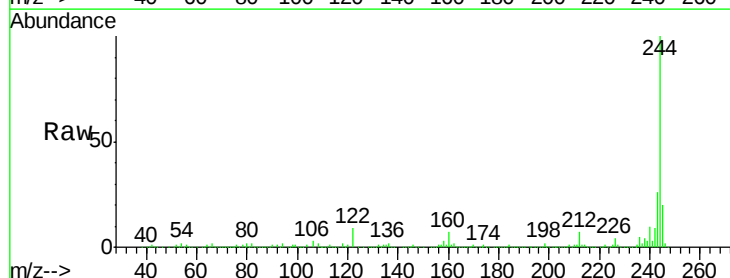
Tgt Ion:244 Resp: 1944556

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

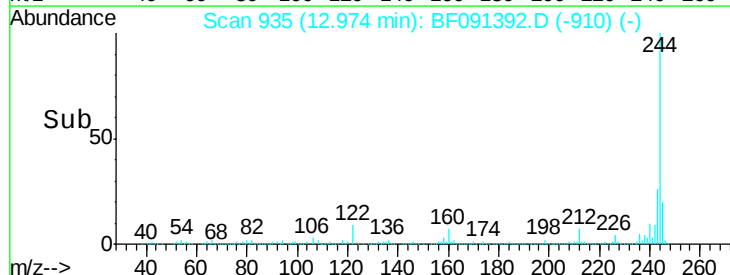
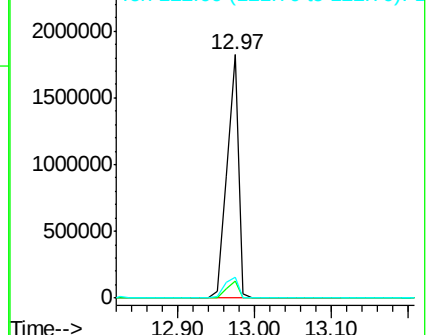
122 8.6 9.5 14.3#

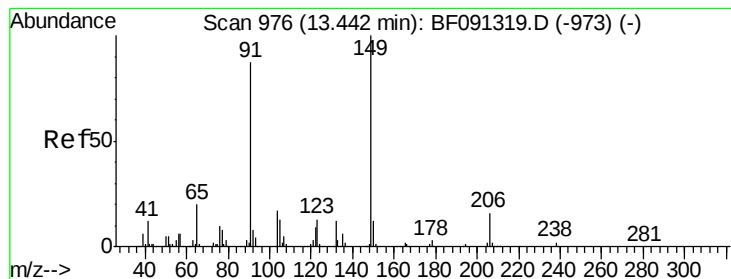


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 33.21 ng

RT: 13.44 min Scan# 976

Delta R.T. -0.03 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

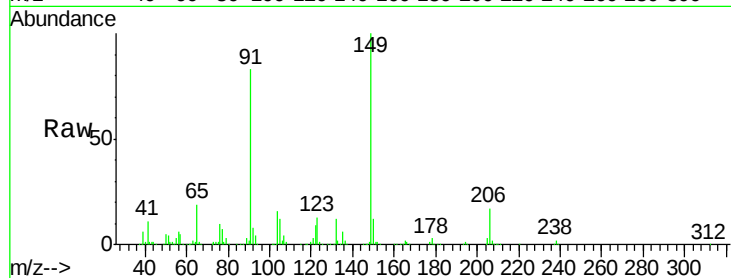
Tgt Ion:149 Resp: 610588

Ion Ratio Lower Upper

149 100

91 83.0 57.4 86.2

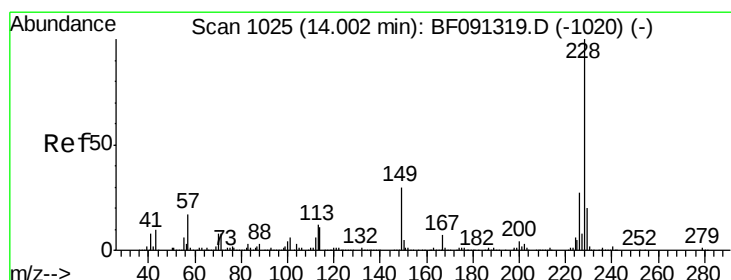
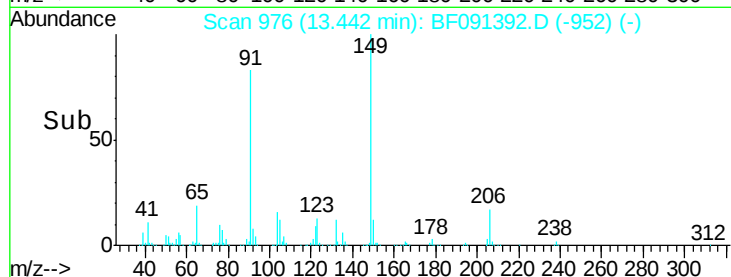
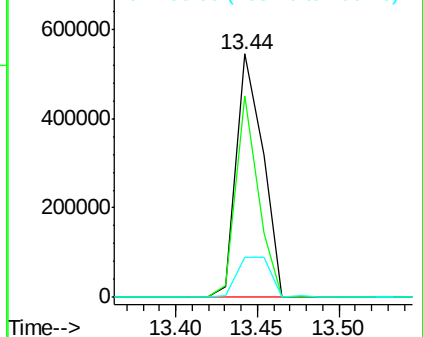
206 16.7 15.4 23.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 31.95 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

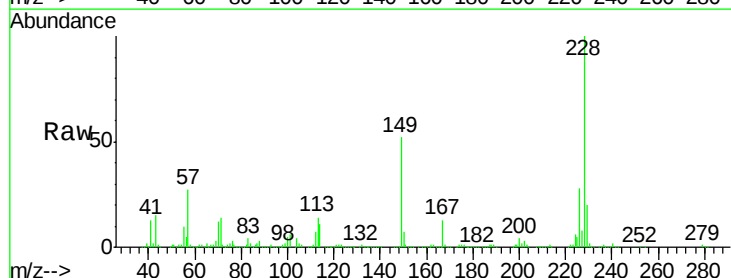
Tgt Ion:228 Resp: 1208962

Ion Ratio Lower Upper

228 100

226 27.9 22.5 33.7

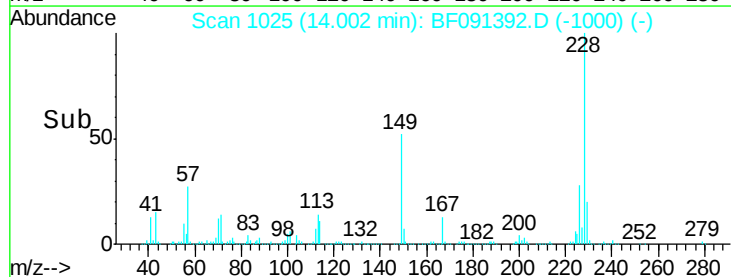
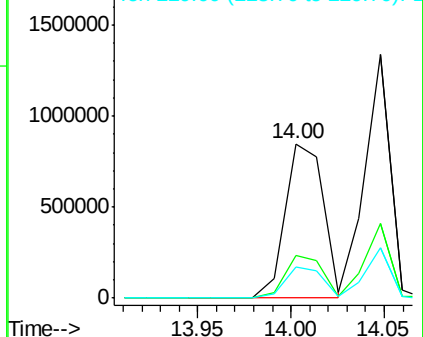
229 20.5 16.4 24.6

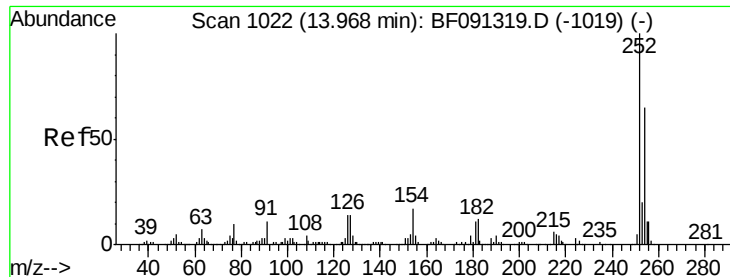


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

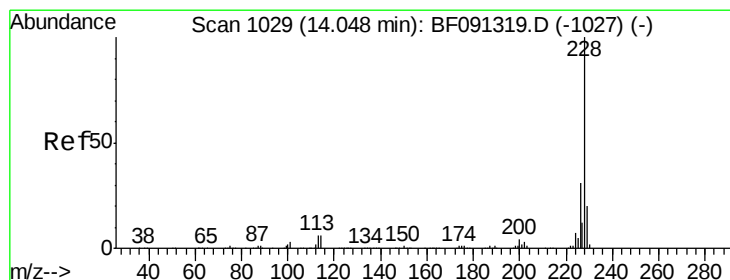
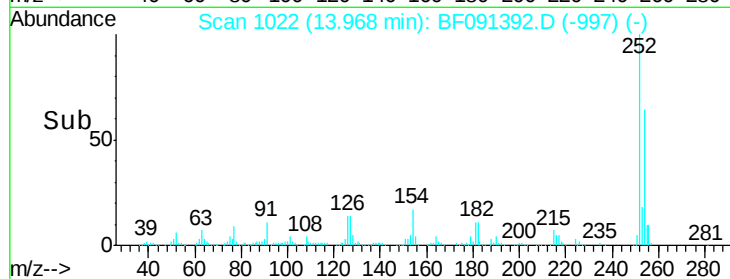
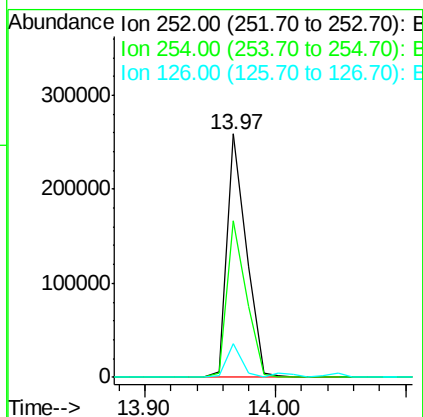
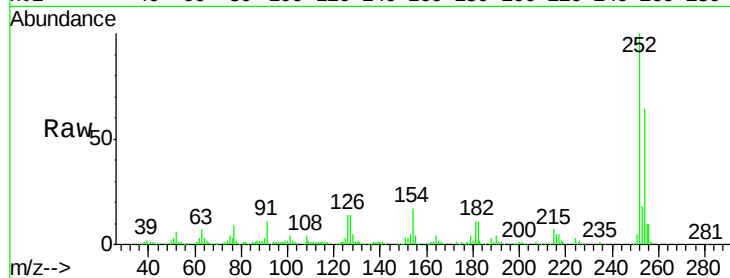




#81
 3,3'-Dichlorobenzidine
 Concen: 20.07 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

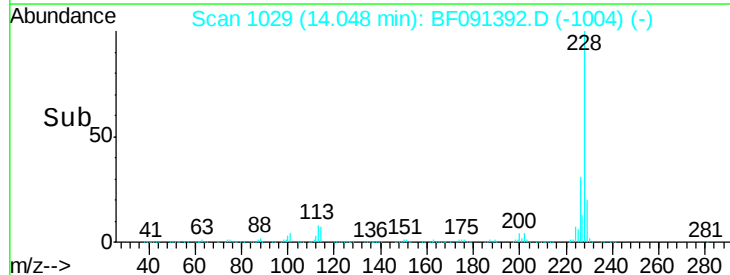
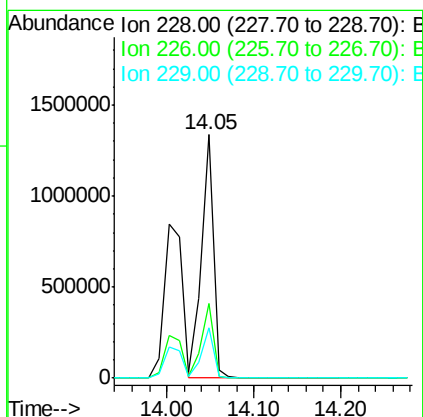
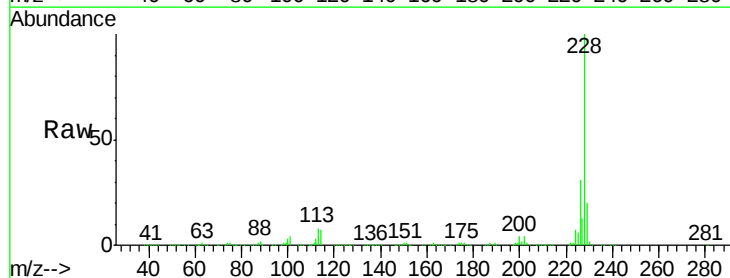
Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.1	78.1
126	13.9	7.5	11.3



#82
 Chrysene
 Concen: 33.72 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.4
229	20.4	16.0	24.0

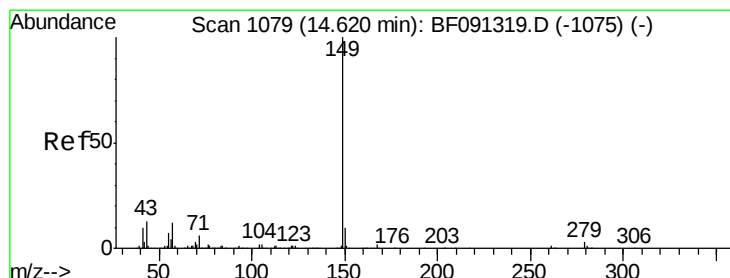
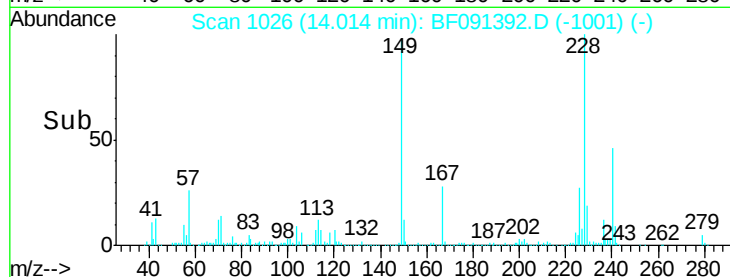
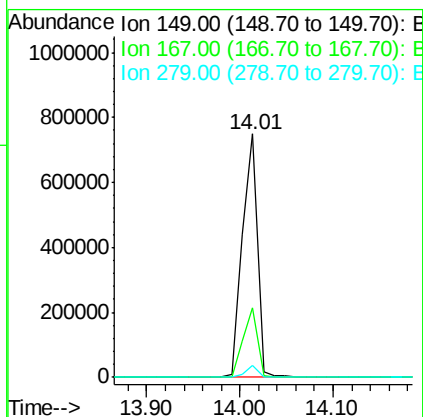
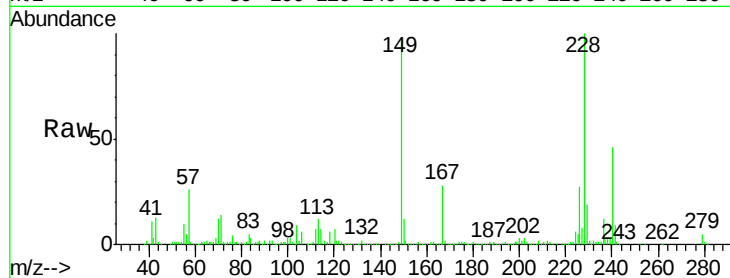




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.05 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

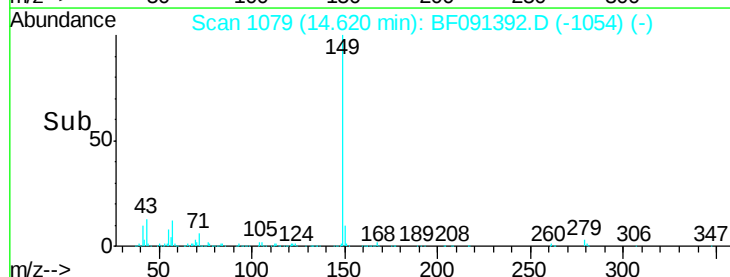
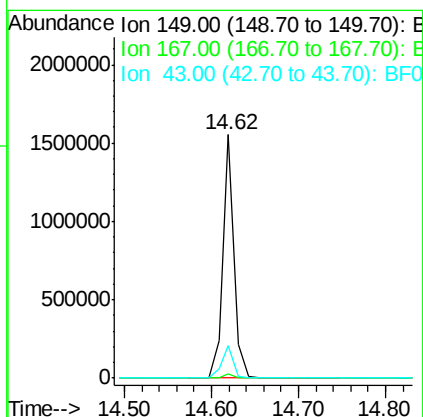
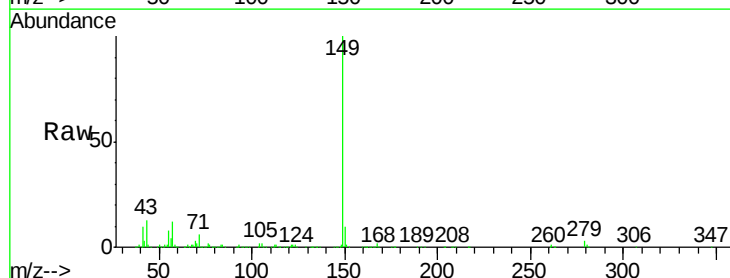
Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

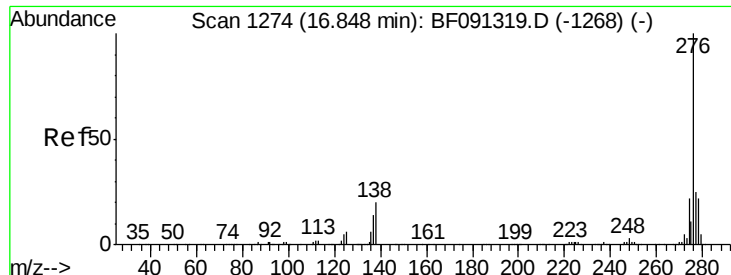
Tgt Ion:149 Resp: 840161
 Ion Ratio Lower Upper
 149 100
 167 28.8 19.6 29.4
 279 4.7 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 39.59 ng
 RT: 14.62 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion:149 Resp: 1396155
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 13.9 11.9 17.9

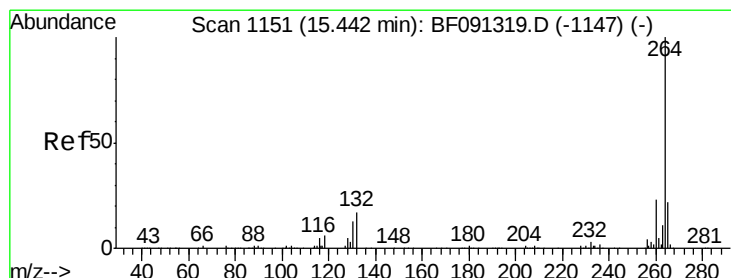
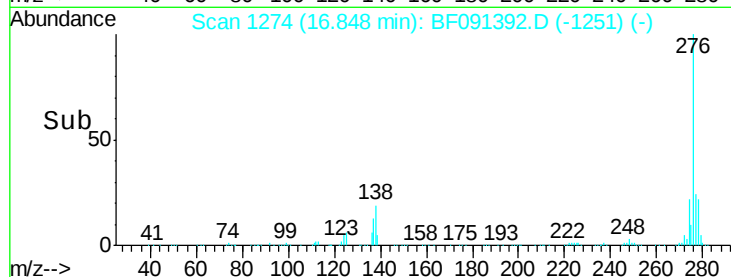
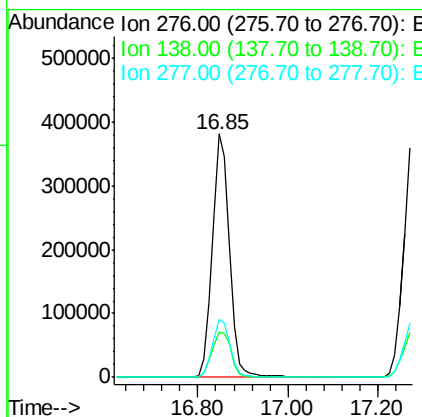
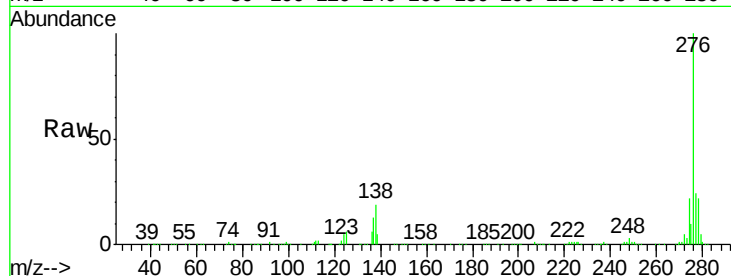




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.71 ng
 RT: 16.85 min Scan# 1274
 Delta R.T. -0.04 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

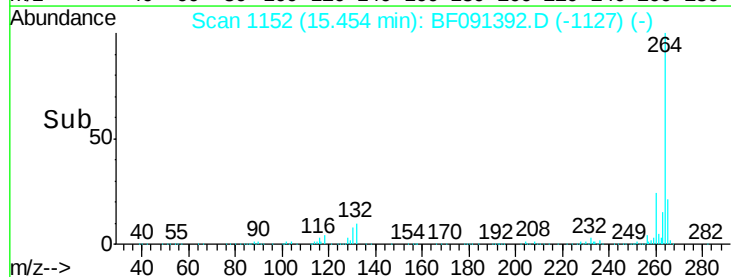
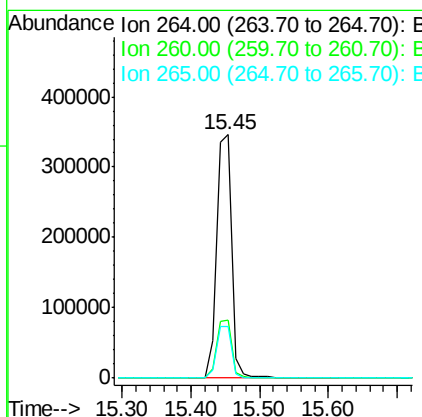
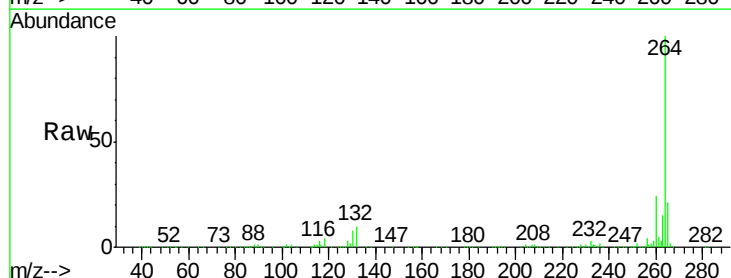
Instrument :
 BNA_F
 ClientSampleId :
 PB95000BS

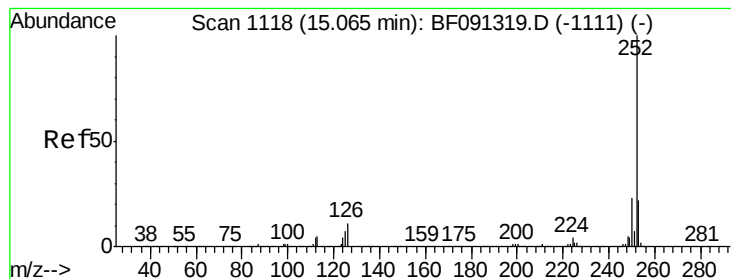
Tgt Ion: 276 Resp: 1018624
 Ion Ratio Lower Upper
 276 100
 138 21.0 21.0 31.4#
 277 24.8 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF091392.D
 Acq: 2 Dec 2016 16:38

Tgt Ion: 264 Resp: 535951
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.4 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 61.63 ng

RT: 15.07 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS

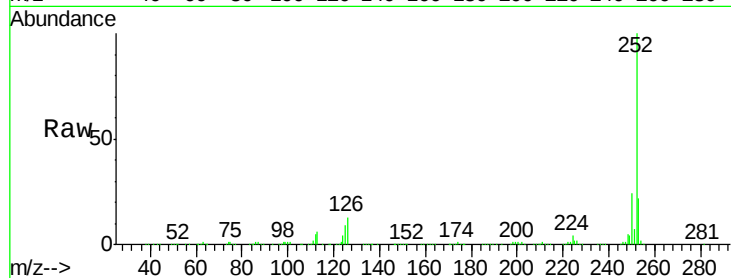
Tgt Ion:252 Resp: 2052942

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

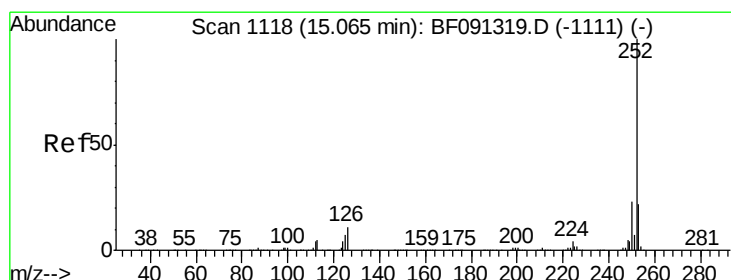
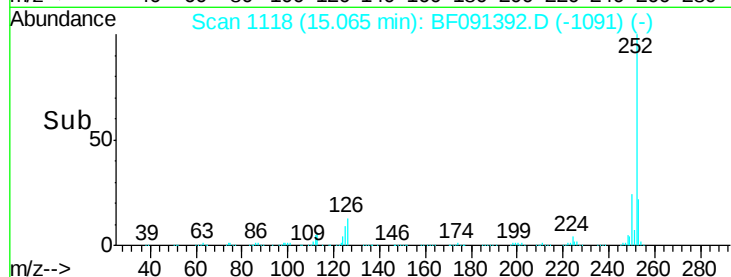
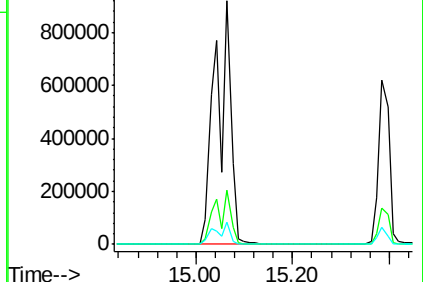
125 9.1 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 73.30 ng

RT: 15.07 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BF091392.D

Acq: 2 Dec 2016 16:38

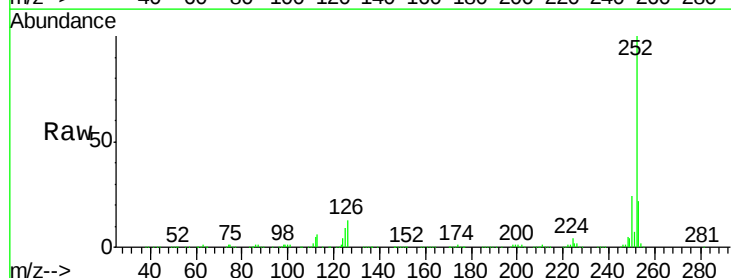
Tgt Ion:252 Resp: 2053297

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

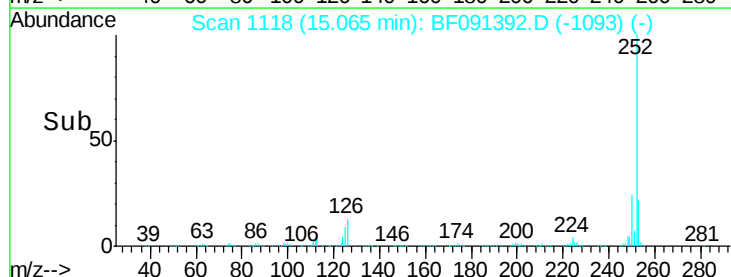
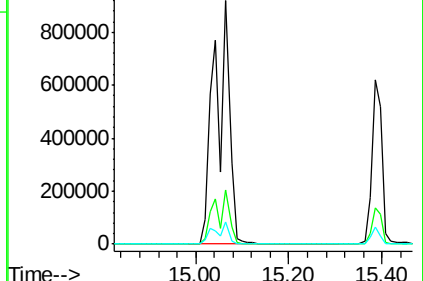
125 9.1 9.6 14.4#

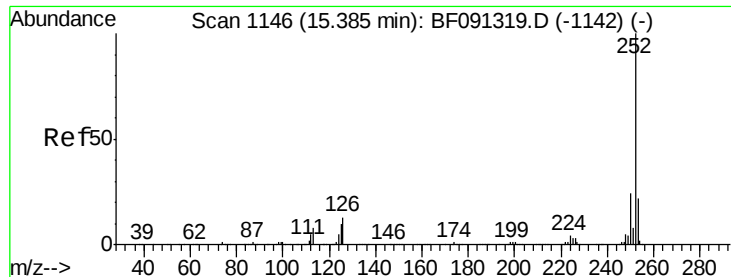


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

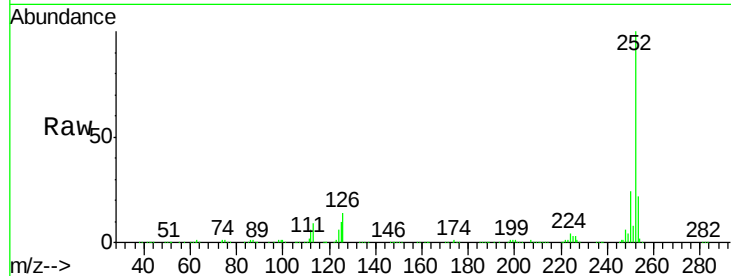




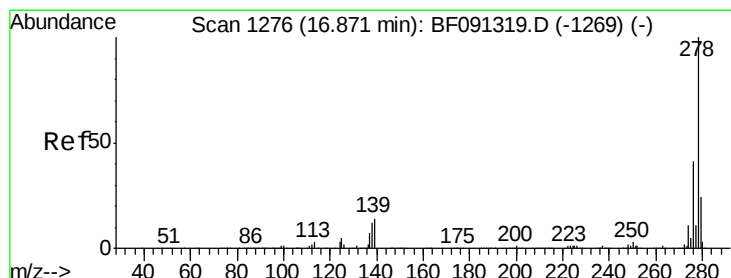
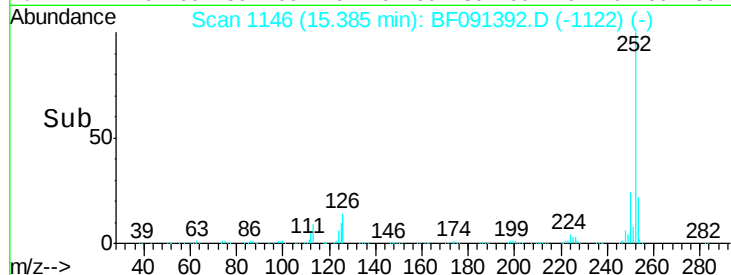
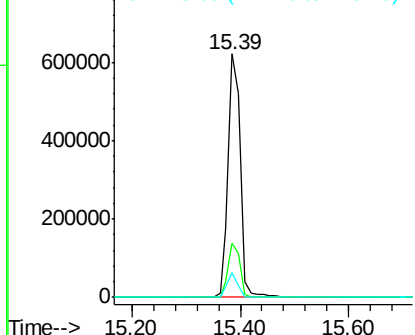
#89
Benzo(a)pyrene
Concen: 32.22 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Instrument :
BNA_F
ClientSampleId :
PB95000BS

Tgt Ion:252 Resp: 963959
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 10.4 10.4 15.6

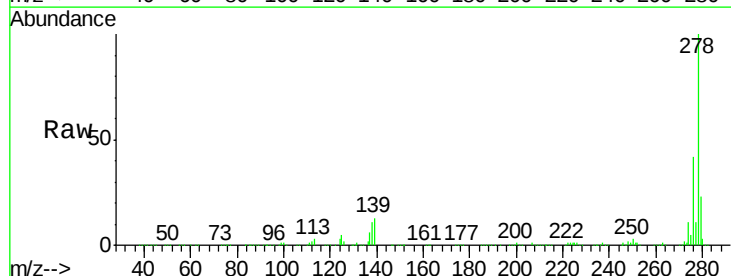


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

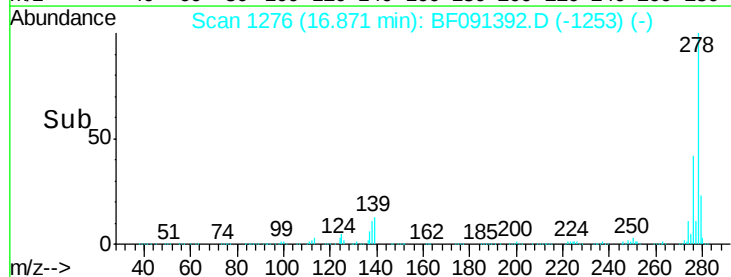
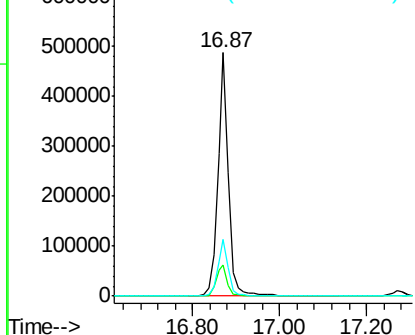


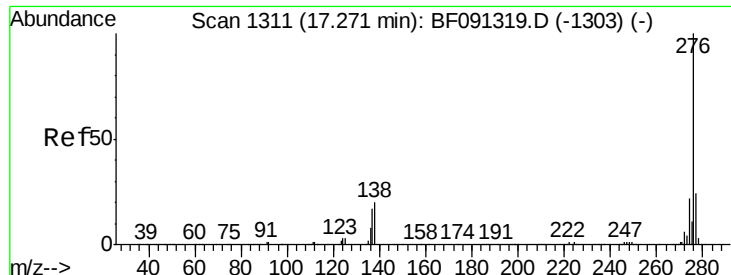
#90
Dibenzo(a,h)anthracene
Concen: 30.61 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF091392.D
Acq: 2 Dec 2016 16:38

Tgt Ion:278 Resp: 847039
Ion Ratio Lower Upper
278 100
139 12.5 15.1 22.7#
279 23.4 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 29.44 ng

RT: 17.27 min Scan# 1311

Delta R.T. -0.04 min

Lab File: BF091392.D

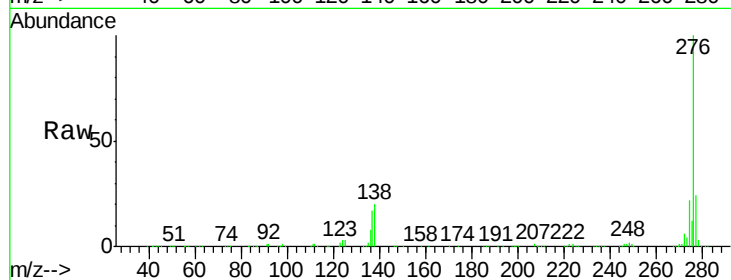
Acq: 2 Dec 2016 16:38

Instrument :

BNA_F

ClientSampleId :

PB95000BS



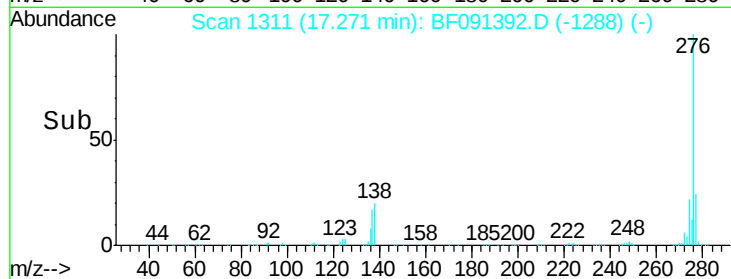
Tgt Ion: 276 Resp: 839780

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 19.6 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

