

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092506.D
 Acq On : 26 Jan 2017 4:49
 Operator : SJ/MA
 Sample : I1346-06MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P14-11917MS

Quant Time: Jan 26 12:42:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	154228	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	587968	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	335742	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	575132	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	407418	20.00	ng	-0.01
86) Perylene-d12	15.63	264	344117	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1299576	131.10	ng	0.02
7) Phenol-d6	6.60	99	1753142	138.84	ng	0.01
23) Nitrobenzene-d5	7.54	82	1085508	100.85	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	312183	136.45	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1421392	78.29	ng	-0.01
78) Terphenyl-d14	13.11	244	1436136	93.86	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.68	88	226130	42.89	ng	86
3) Pyridine	3.44	79	613608	40.88	ng	# 84
4) n-Nitrosodimethylamine	3.39	42	325177	44.16	ng	83
6) Aniline	6.62	93	255434	13.56	ng	# 46
8) 2-Chlorophenol	6.75	128	481534	46.25	ng	91
9) Benzaldehyde	6.51	77	334555	37.34	ng	92
10) Phenol	6.61	94	828011	54.33	ng	# 69
11) bis(2-Chloroethyl)ether	6.70	93	509380	44.67	ng	93
12) 1,3-Dichlorobenzene	6.91	146	580463m	47.14	ng	
13) 1,4-Dichlorobenzene	6.99	146	595857	48.08	ng	94
14) 1,2-Dichlorobenzene	7.14	146	509291	43.32	ng	99
15) Benzyl Alcohol	7.12	79	499421	52.48	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.25	45	969942	43.00	ng	93
17) 2-Methylphenol	7.22	107	440808	49.55	ng	97
18) Hexachloroethane	7.48	117	194486	45.55	ng	# 86
19) n-Nitroso-di-n-propylamine	7.39	70	383849	44.64	ng	96
20) 3+4-Methylphenols	7.38	107	525042	48.64	ng	93
22) Acetophenone	7.38	105	706048	50.42	ng	# 87
24) Nitrobenzene	7.56	77	587000	52.06	ng	# 84
25) Isophorone	7.80	82	1079149	50.88	ng	99
26) 2-Nitrophenol	7.87	139	265101	56.11	ng	94
27) 2,4-Dimethylphenol	7.92	122	507428	51.64	ng	94
28) bis(2-Chloroethoxy)methane	8.01	93	612924	44.02	ng	99
29) 2,4-Dichlorophenol	8.12	162	444286	52.15	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	442173	48.02	ng	95
31) Naphthalene	8.28	128	1384171	46.00	ng	99
32) Benzoic acid	8.00	122	111672	18.41	ng	96
33) 4-Chloroaniline	8.33	127	81851	6.43	ng	98
34) Hexachlorobutadiene	8.41	225	244073	48.46	ng	98
35) Caprolactam	8.70	113	108879	38.27	ng	# 1
36) 4-Chloro-3-methylphenol	8.82	107	473436	51.53	ng	97
37) 2-Methylnaphthalene	8.98	142	925599	48.59	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	448247	52.93	ng	99
40) Hexachlorocyclopentadiene	9.14	237	350282	82.59	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

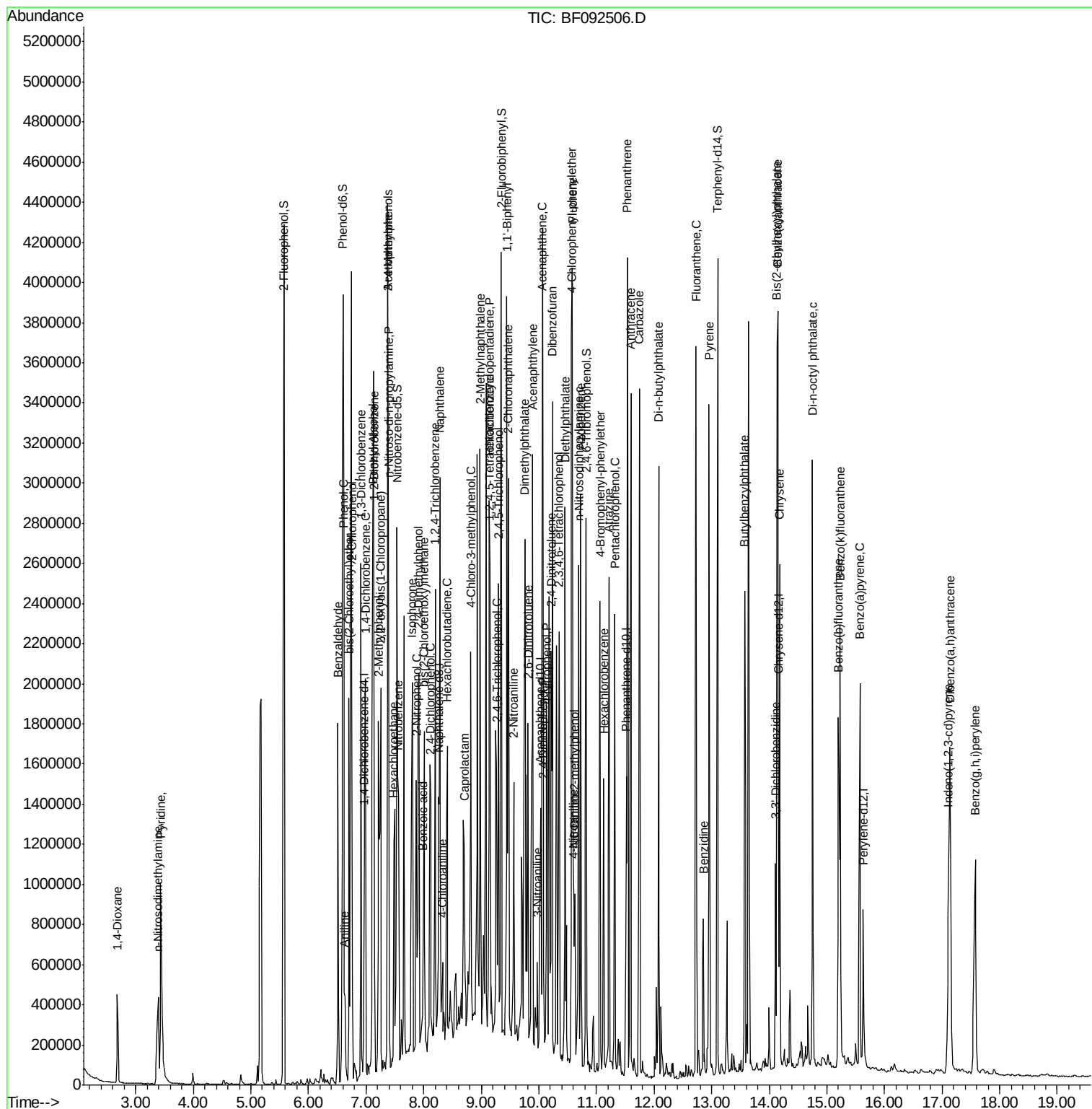
42) 2,4,6-Trichlorophenol	9.26	196	336664	51.88	nq	94
43) 2,4,5-Trichlorophenol	9.30	196	309419	52.12	nq #	90
45) 1,1'-Biphenyl	9.45	154	1119411	46.12	nq	97
46) 2-Chloronaphthalene	9.47	162	852370	43.00	nq	95
47) 2-Nitroaniline	9.56	65	295733	44.30	nq	94
48) Acenaphthylene	9.89	152	1541015	53.00	nq	98
49) Dimethylphthalate	9.76	163	1258895	58.96	nq	100
50) 2,6-Dinitrotoluene	9.81	165	264339	60.57	nq	96
51) Acenaphthene	10.06	154	1068445	59.14	nq	97
52) 3-Nitroaniline	9.97	138	64867	11.87	nq	94
53) 2,4-Dinitrophenol	10.08	184	156917	62.78	nq #	44
54) Dibenzofuran	10.24	168	1441950	58.78	nq	95
55) 4-Nitrophenol	10.14	139	479517	110.48	nq #	75
56) 2,4-Dinitrotoluene	10.21	165	316126	54.57	nq	99
57) Fluorene	10.58	166	1052021	57.84	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.35	232	265486	59.68	nq #	99
59) Diethylphthalate	10.45	149	1024562	50.05	nq	98
60) 4-Chlorophenyl-phenylether	10.57	204	409318	46.40	nq	90
61) 4-Nitroaniline	10.60	138	258793	47.34	nq	81
62) Azobenzene	10.73	77	1143808	49.10	nq	94
64) 4,6-Dinitro-2-methylphenol	10.62	198	153930	49.50	nq	96
65) n-Nitrosodiphenylamine	10.69	169	917819	51.10	nq	100
66) 4-Bromophenyl-phenylether	11.06	248	259899	44.76	nq	96
67) Hexachlorobenzene	11.13	284	282282	48.09	nq #	93
68) Atrazine	11.22	200	279512	45.47	nq	97
69) Pentachlorophenol	11.32	266	353281	94.14	nq	99
70) Phenanthrene	11.54	178	1737976	54.87	nq	100
71) Anthracene	11.60	178	1703950	55.05	nq	98
72) Carbazole	11.74	167	1396171	47.24	nq	99
73) Di-n-butylphthalate	12.08	149	1564058	46.28	nq	98
74) Fluoranthene	12.73	202	1548839	49.99	nq	99
76) Benzidine	12.85	184	386418	25.55	nq	97
77) Pyrene	12.96	202	1616575	54.76	nq	100
79) Butylbenzylphthalate	13.57	149	691002	57.78	nq	99
80) Benzo(a)anthracene	14.15	228	1125161	51.39	nq	100
81) 3,3'-Dichlorobenzidine	14.11	252	251447	30.25	nq #	96
82) Chrysene	14.18	228	967670	41.38	nq	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	835961	55.50	nq	99
84) Di-n-octyl phthalate	14.75	149	1475278	53.96	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	1142231	66.02	nq	95
87) Benzo(b)fluoranthene	15.20	252	1272038m	57.58	nq	
88) Benzo(k)fluoranthene	15.23	252	769323m	41.88	nq	
89) Benzo(a)pyrene	15.57	252	994387	53.21	nq	99
90) Dibenzo(a,h)anthracene	17.14	278	931319	61.63	nq	96
91) Benzo(g,h,i)perylene	17.57	276	988514	64.68	nq #	91

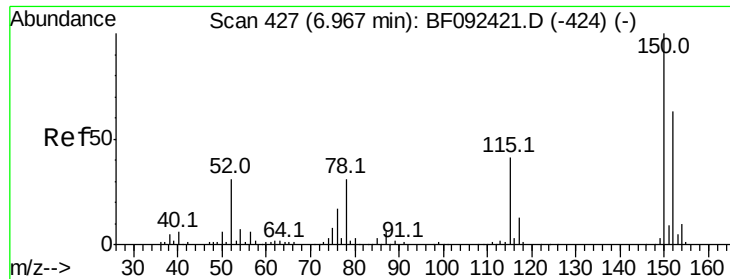
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

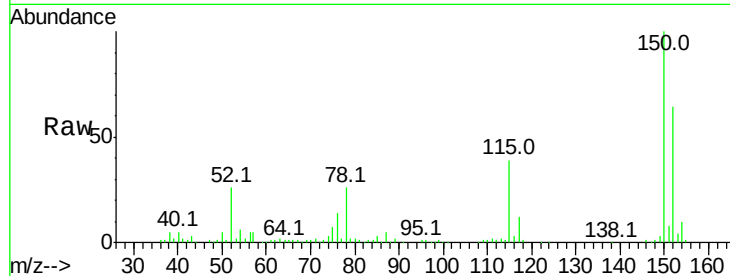
Tot Ion:152 Resp: 154228

Ion Ratio Lower Upper

152 100

150 155.4 124.9 187.3

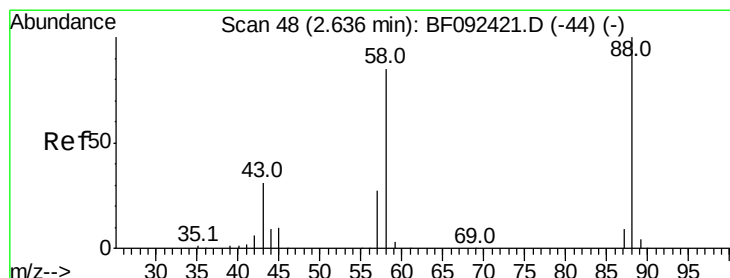
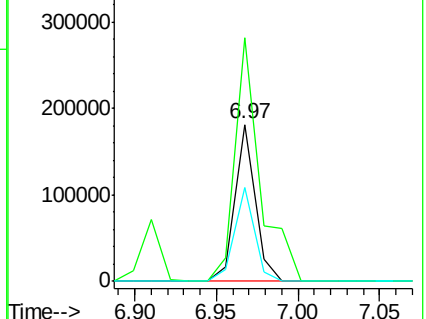
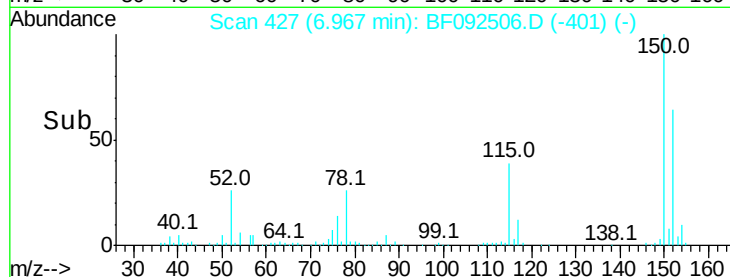
115 60.1 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.89 ng

RT: 2.68 min Scan# 52

Delta R.T. 0.05 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

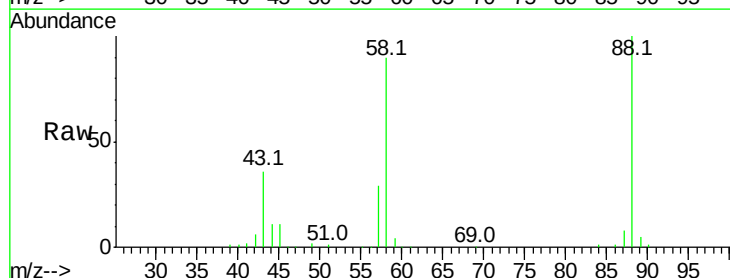
Tgt Ion: 88 Resp: 226130

Ion Ratio Lower Upper

88 100

58 85.8 57.8 86.8

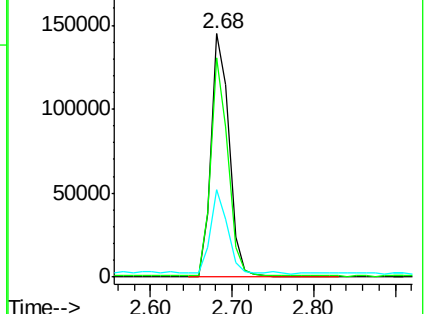
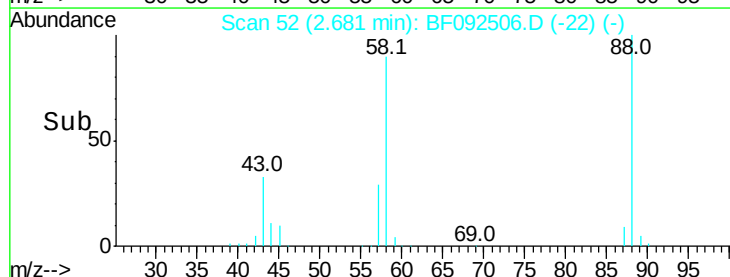
43 33.1 22.3 33.5

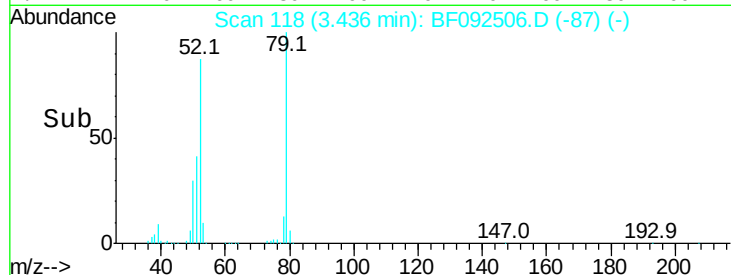
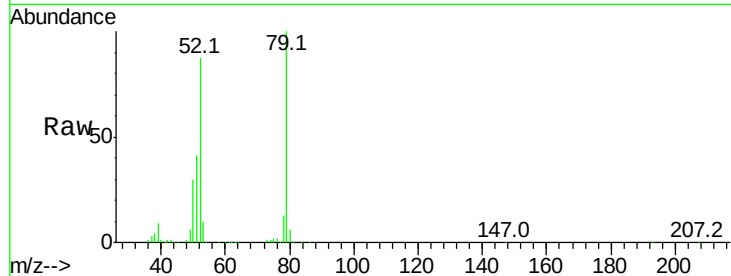
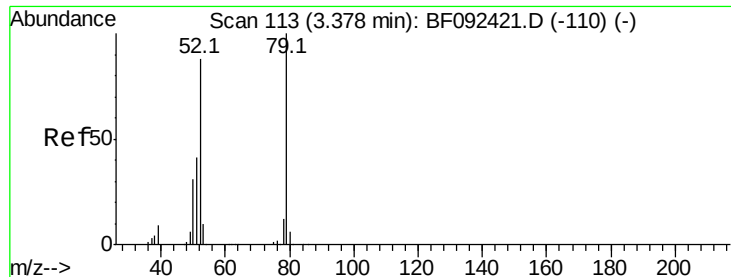


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.88 ng

RT: 3.44 min Scan# 118

Delta R.T. 0.06 min

Lab File: BF092506.D

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Instrument :

BNA_F

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P14-11917MS

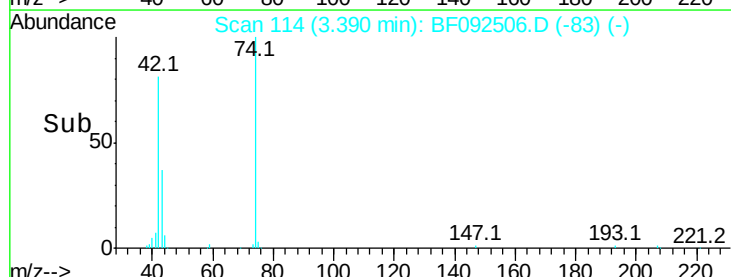
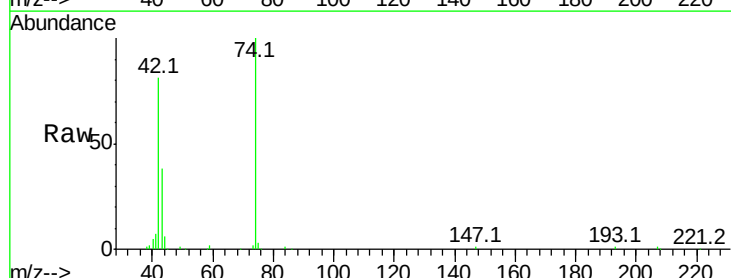
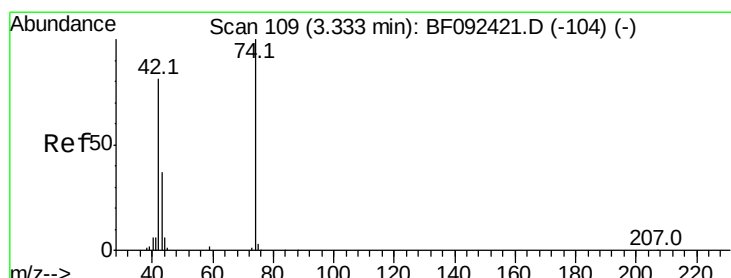
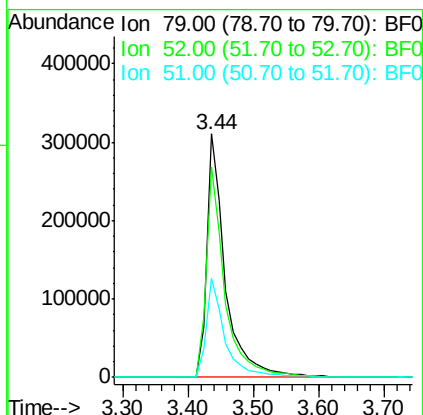
Tot Ion: 79 Resp: 613608

Ion Ratio Lower Upper

79 100

52 86.7 57.1 85.7#

51 40.7 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 44.16 ng

RT: 3.39 min Scan# 114

Delta R.T. 0.06 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

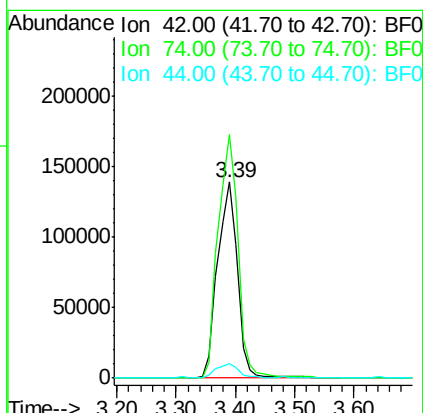
Tgt Ion: 42 Resp: 325177

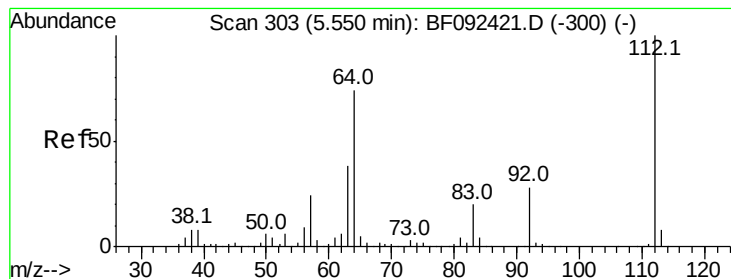
Ion Ratio Lower Upper

42 100

74 124.1 117.0 175.4

44 7.6 5.5 8.3





#5

2-Fluorophenol

Concen: 131.10 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

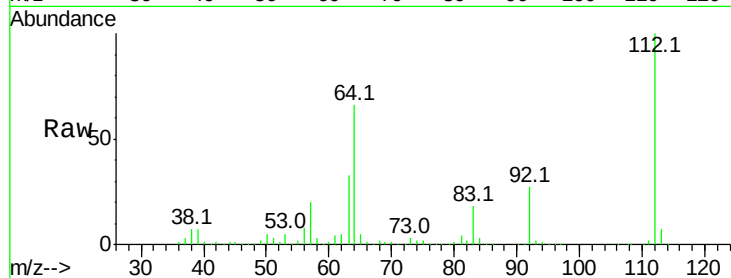
Tot Ion:112 Resp: 1299576

Ion Ratio Lower Upper

112 100

64 65.5 46.1 69.1

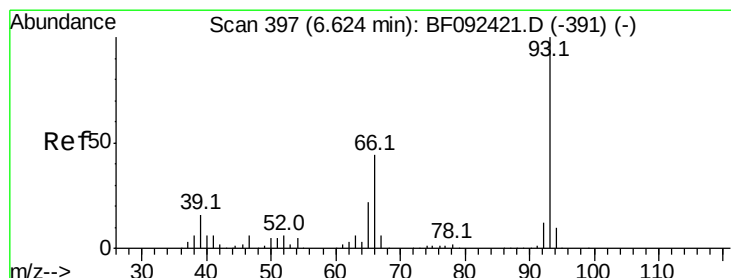
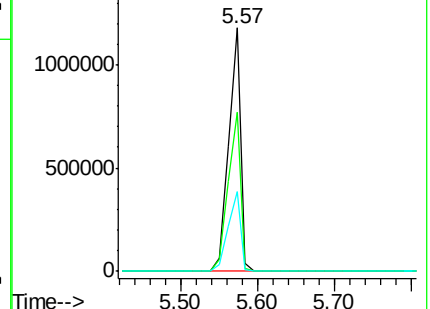
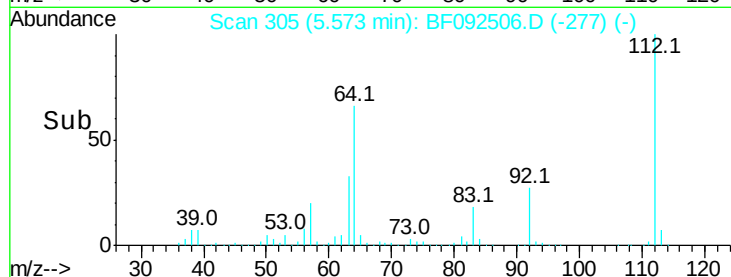
63 32.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.56 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

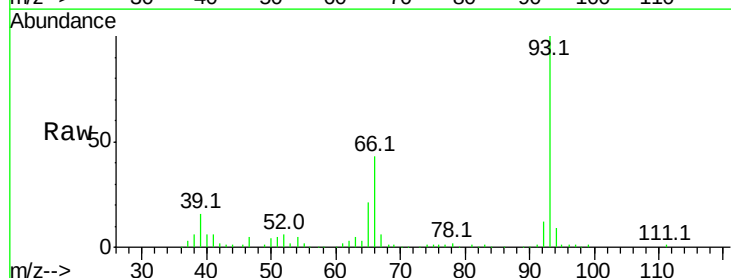
Tgt Ion: 93 Resp: 255434

Ion Ratio Lower Upper

93 100

66 42.6 76.2 114.2#

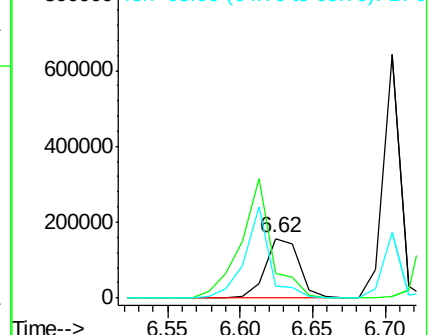
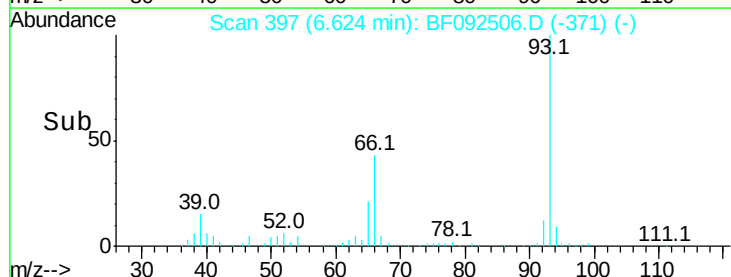
65 21.0 49.3 73.9#

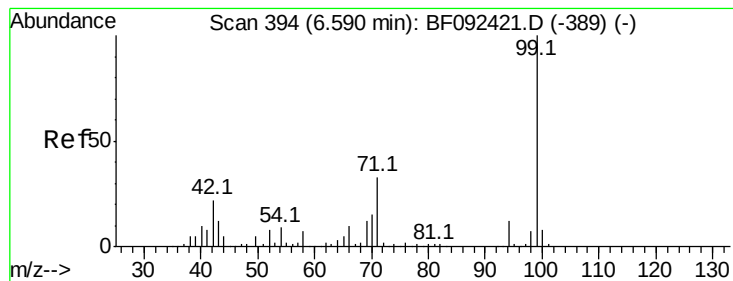


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 138.84 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092506.D

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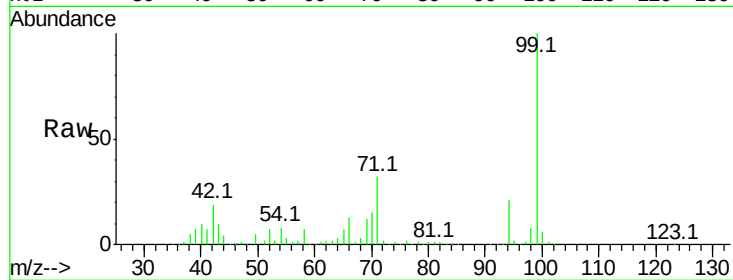
Tot Ion: 99 Resp: 1753142

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

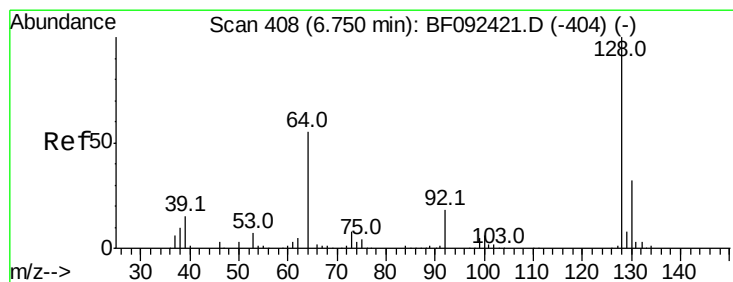
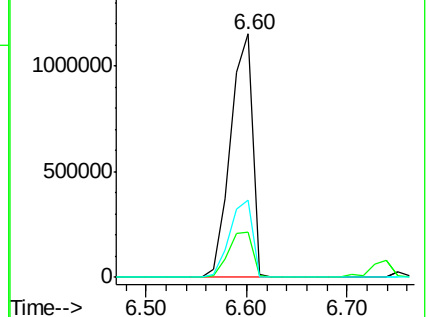
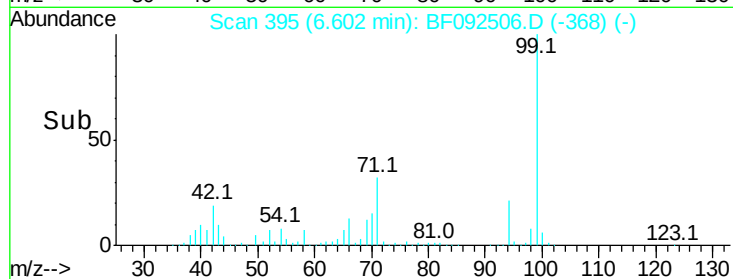
71 31.6 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.25 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

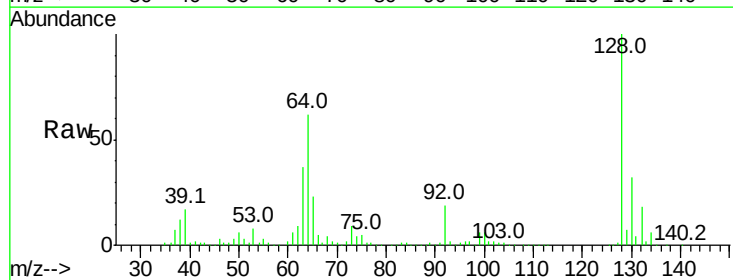
Tgt Ion: 128 Resp: 481534

Ion Ratio Lower Upper

128 100

130 31.9 12.3 52.3

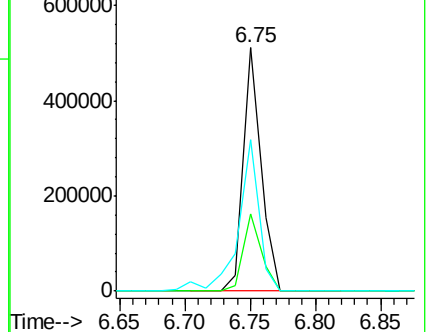
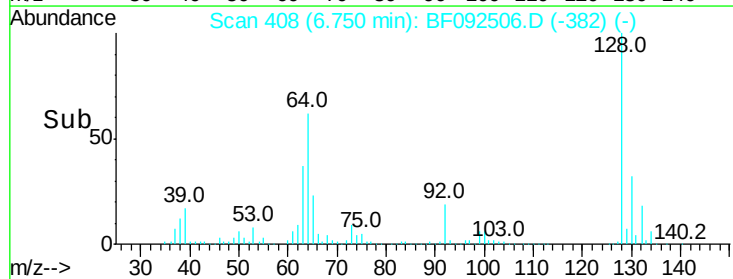
64 62.1 32.2 72.2

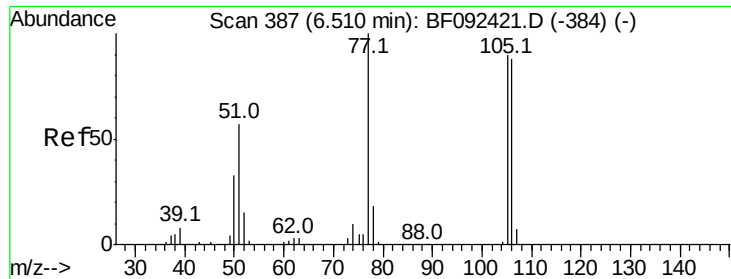


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.34 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

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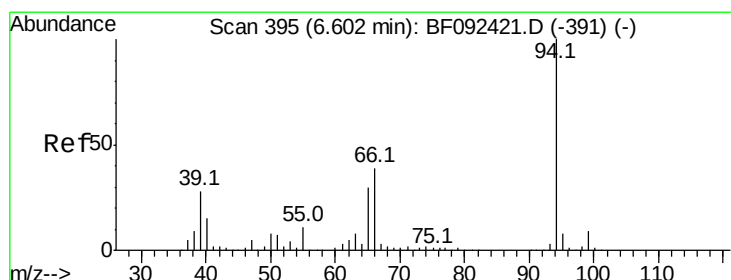
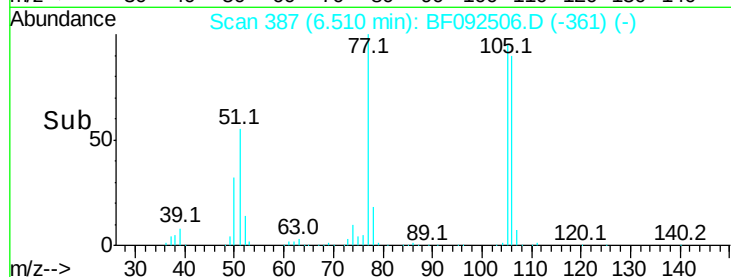
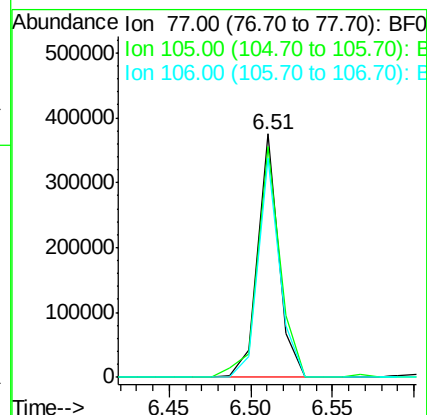
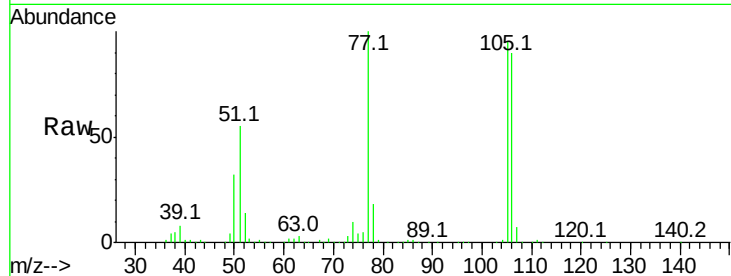
Tot Ion: 77 Resp: 334555

Ion Ratio Lower Upper

77 100

105 94.6 83.9 123.9

106 90.1 77.6 117.6



#10

Phenol

Concen: 54.33 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

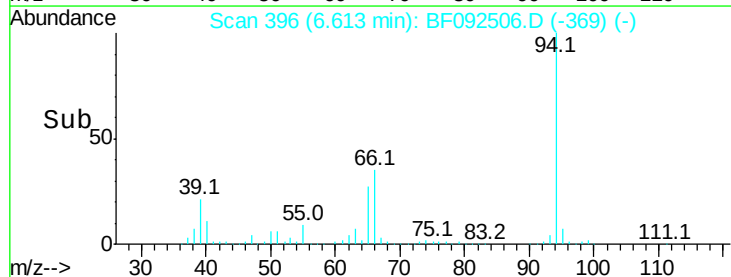
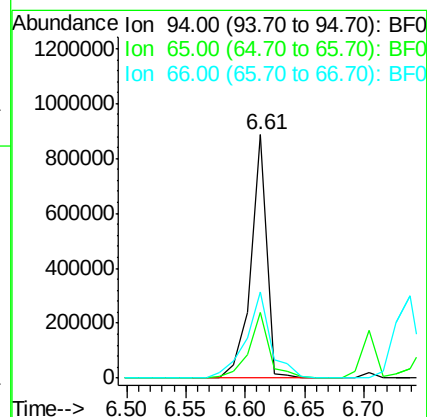
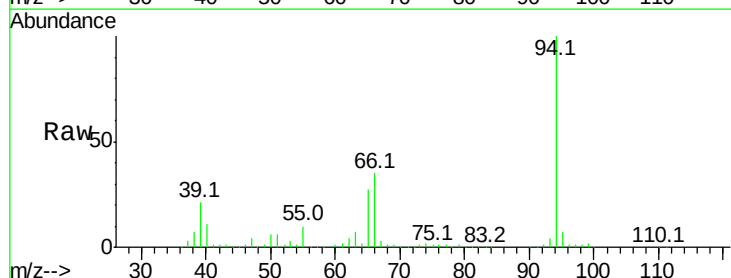
Tgt Ion: 94 Resp: 828011

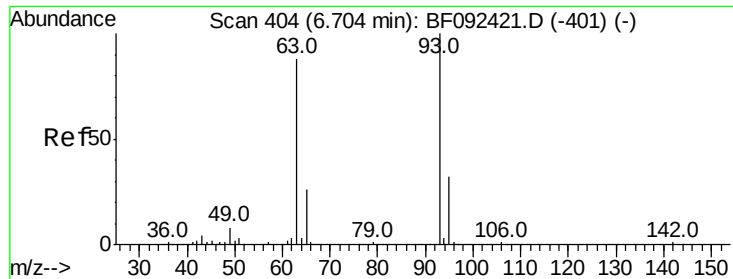
Ion Ratio Lower Upper

94 100

65 27.1 21.4 61.4

66 35.3 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 44.67 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

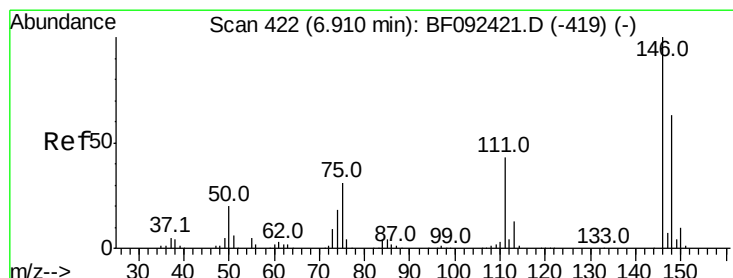
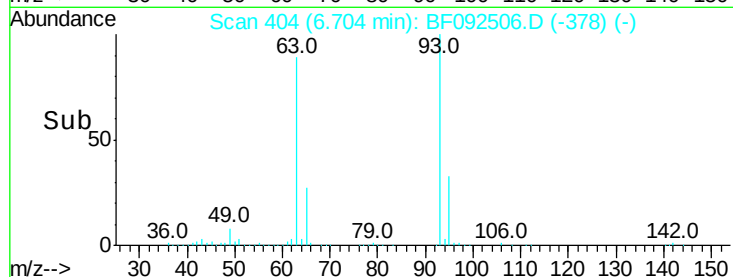
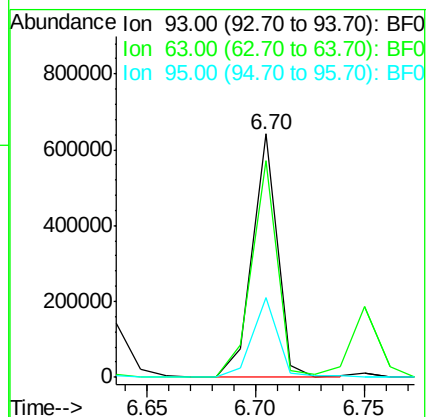
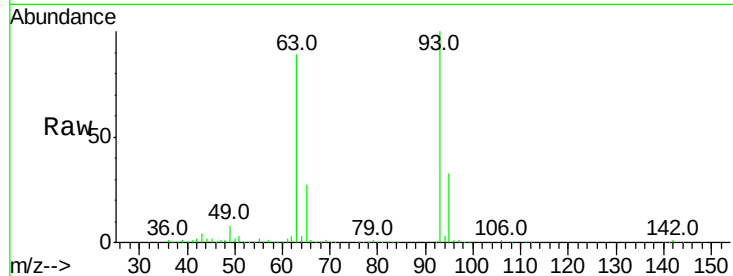
Tot Ion: 93 Resp: 509380

Ion Ratio Lower Upper

93 100

63 88.8 60.4 100.4

95 33.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 47.14 ng m

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

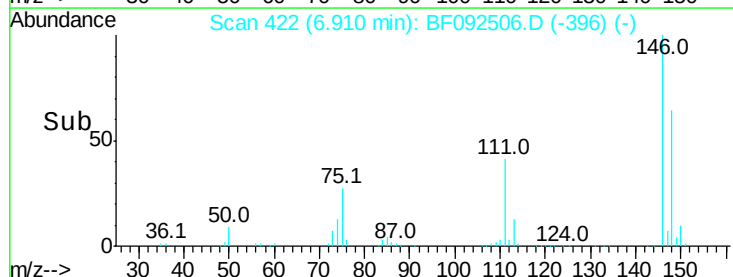
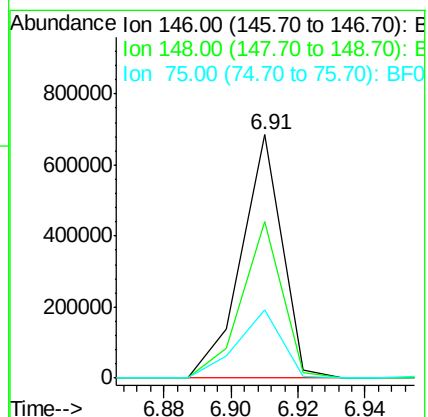
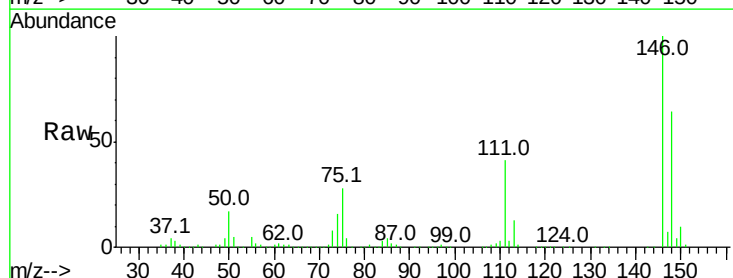
Tgt Ion: 146 Resp: 580463

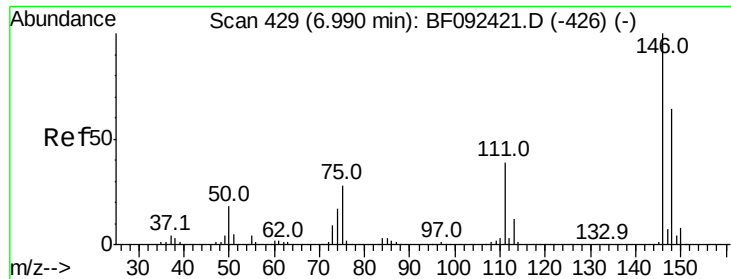
Ion Ratio Lower Upper

146 100

148 64.3 53.4 80.0

75 28.2 18.5 27.7#

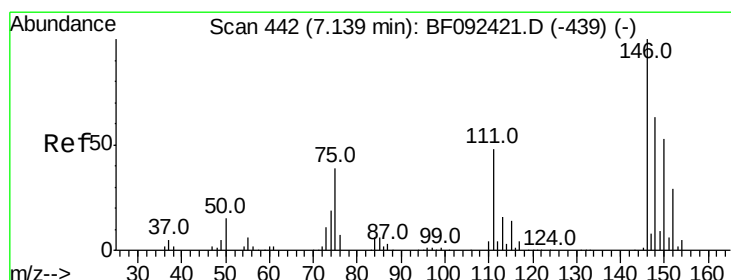
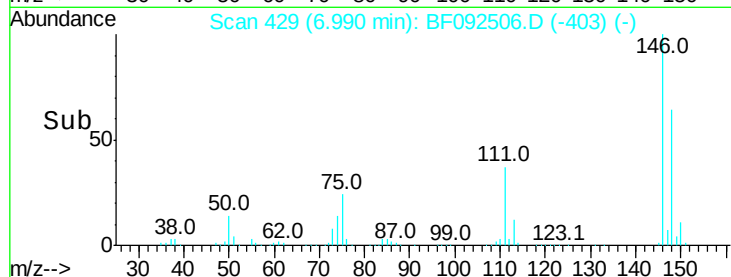
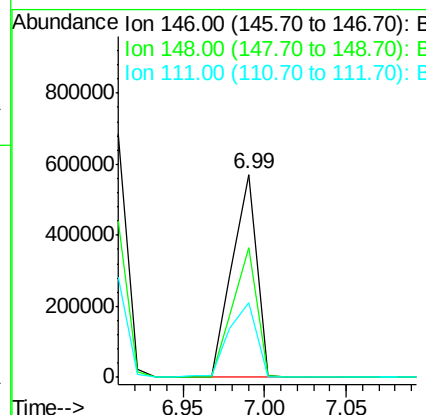
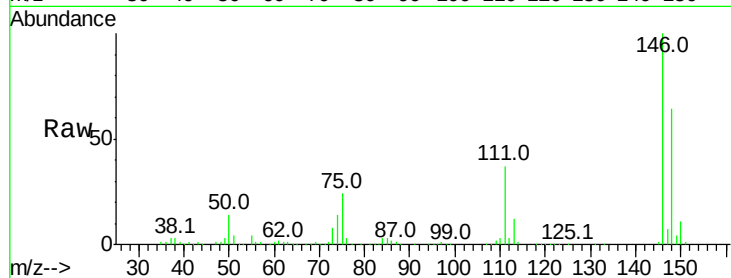




#13
 1,4-Dichlorobenzene
 Concen: 48.08 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

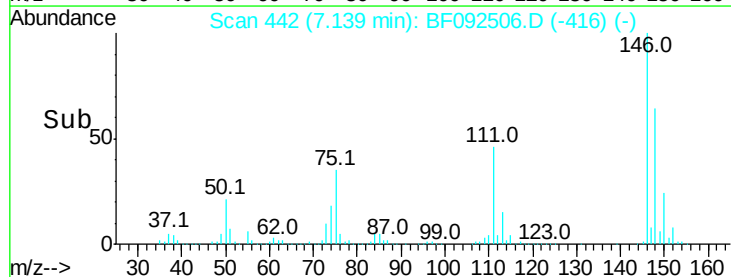
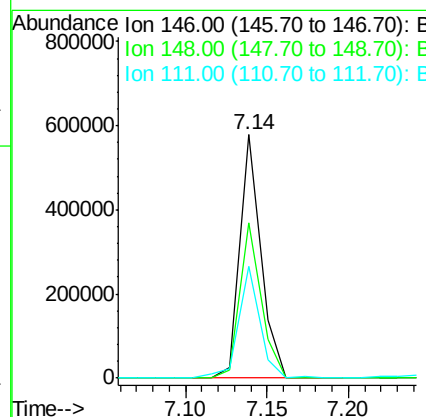
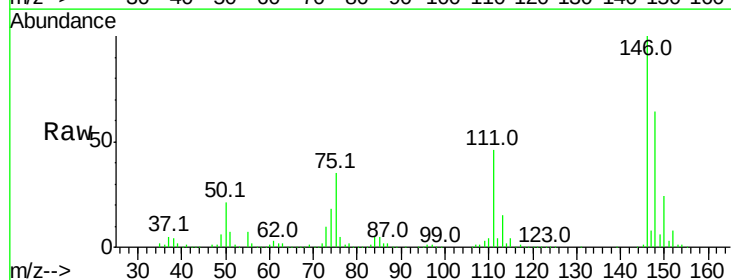
Instrument :
 BNA_F
 ClientSampleId :
 P14-11917MS

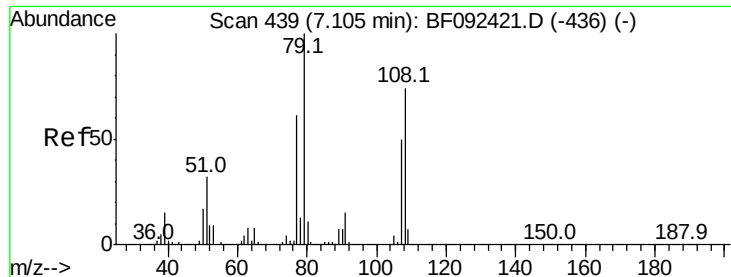
Tot Ion:146 Resp: 595857
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 76.0
 111 36.9 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 43.32 ng
 RT: 7.14 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Tgt Ion:146 Resp: 509291
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 45.8 36.2 54.2





#15

Benzyl Alcohol

Concen: 52.48 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

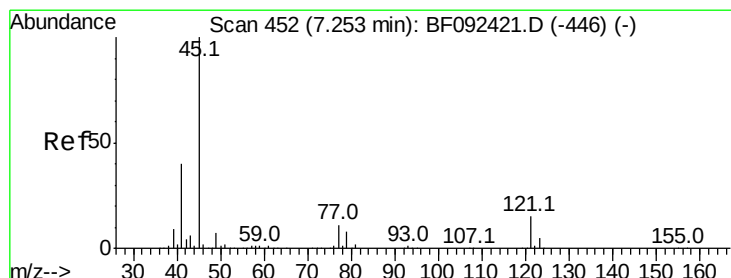
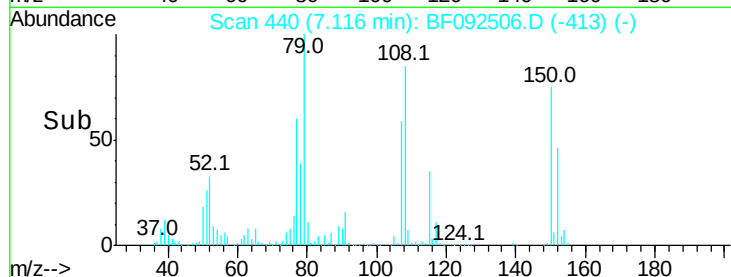
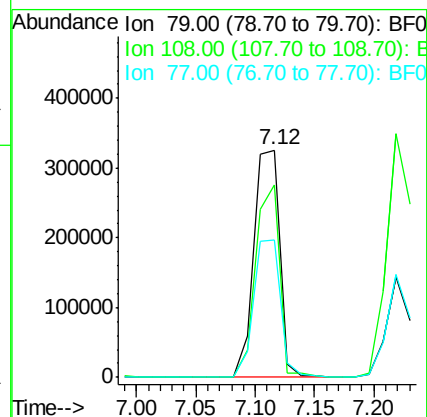
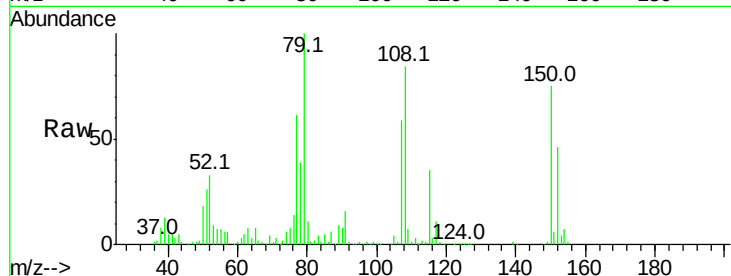
Tot Ion: 79 Resp: 499421

Ion Ratio Lower Upper

79 100

108 84.4 61.4 92.0

77 60.5 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.00 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

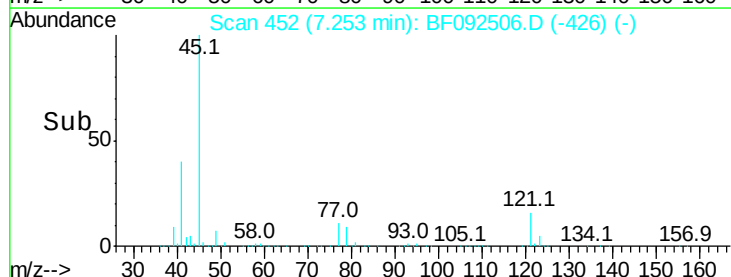
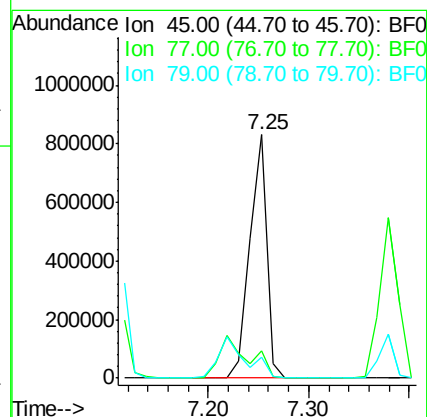
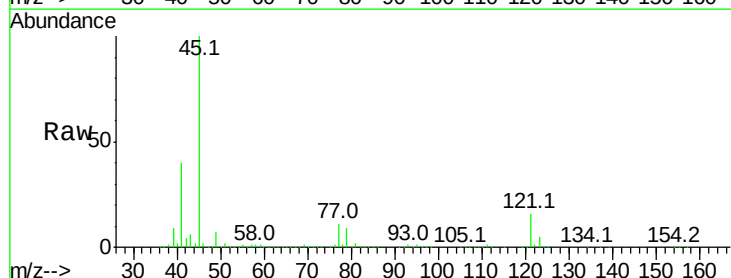
Tgt Ion: 45 Resp: 969942

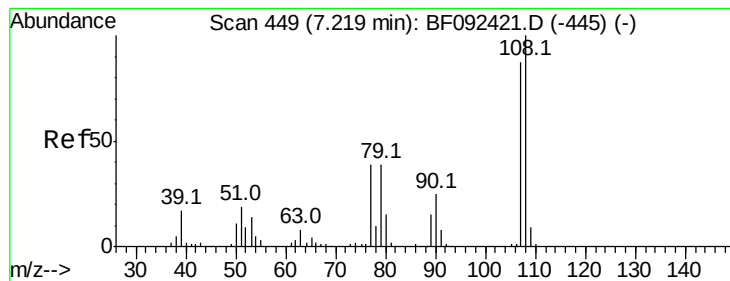
Ion Ratio Lower Upper

45 100

77 11.3 0.0 34.6

79 8.8 0.0 31.2

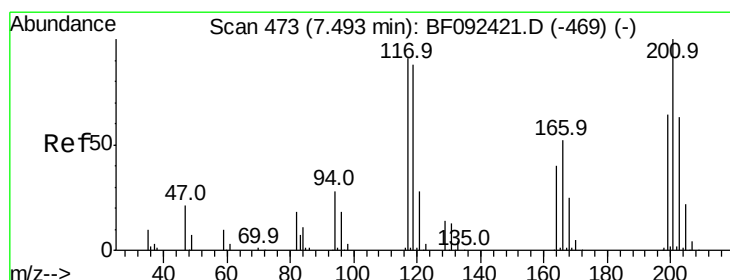
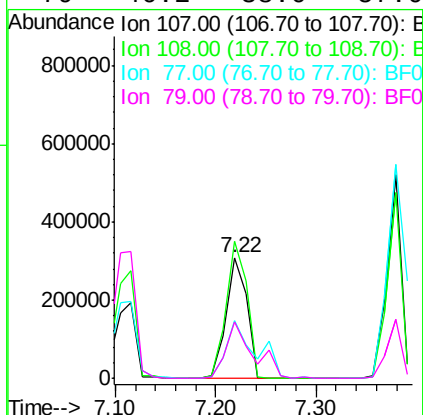
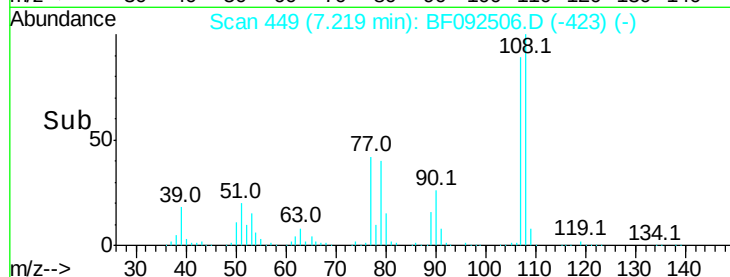
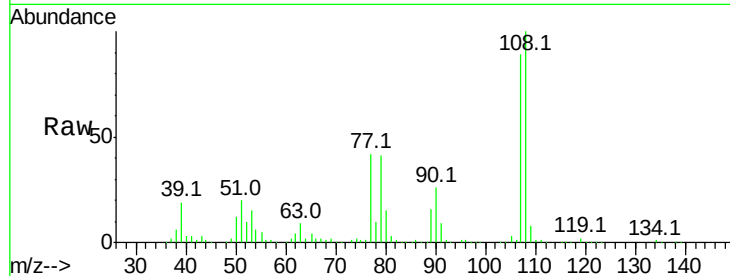




#17
2-Methylphenol
Concen: 49.55 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

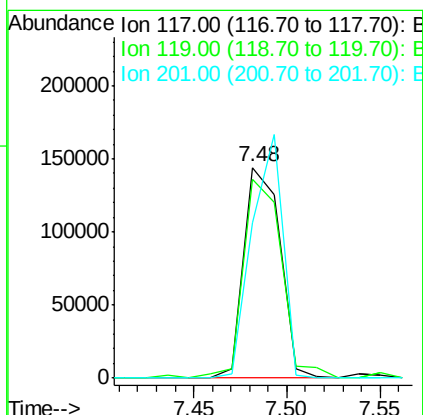
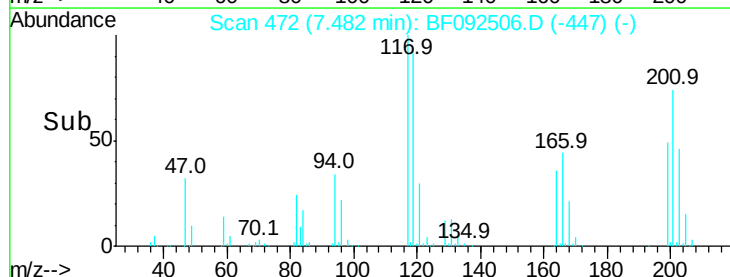
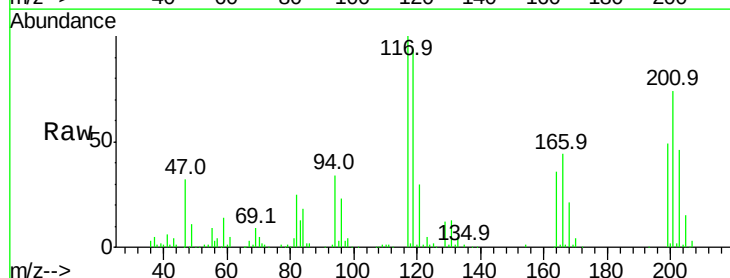
Instrument :
BNA_F
ClientSampleId :
P14-11917MS

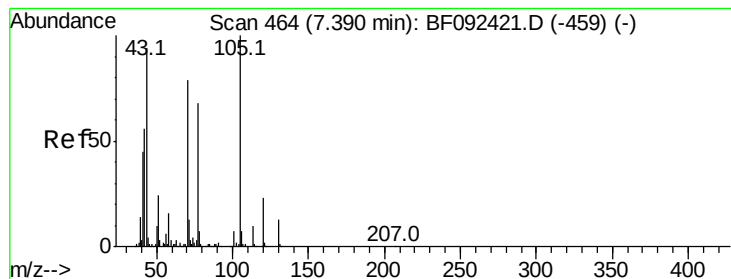
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	93.0	139.6
77	47.4	39.8	59.8
79	46.2	38.0	57.0



#18
Hexachloroethane
Concen: 45.55 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	78.1	117.1
201	73.5	78.6	117.8#





#19

n-Nitroso-di-n-propylamine

Concen: 44.64 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

Tot Ion: 70 Resp: 383849

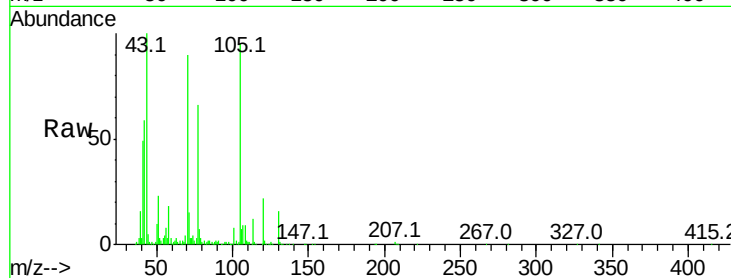
Ion Ratio Lower Upper

70 100

42 66.0 49.4 74.0

101 8.6 7.4 11.2

130 17.7 14.2 21.4



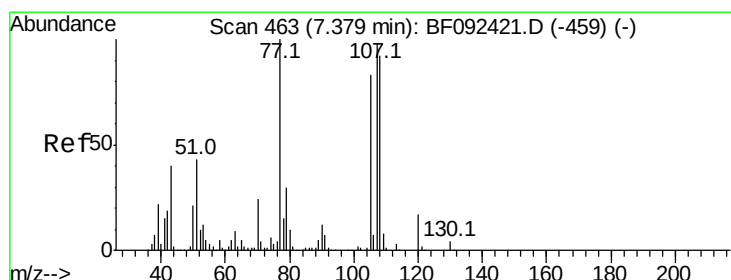
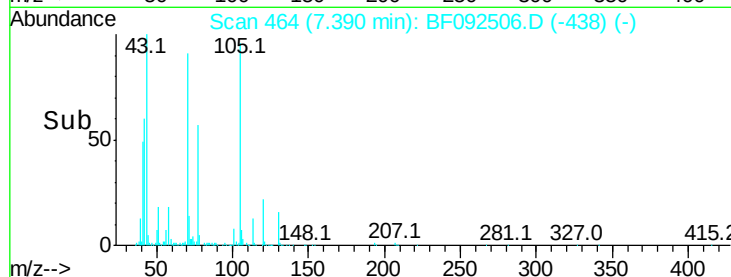
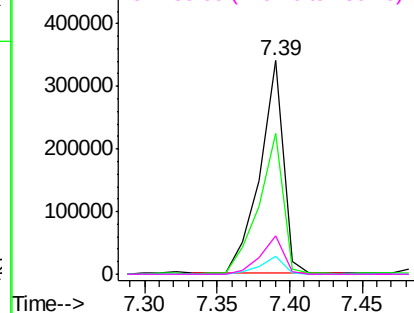
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 48.64 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Tgt Ion: 107 Resp: 525042

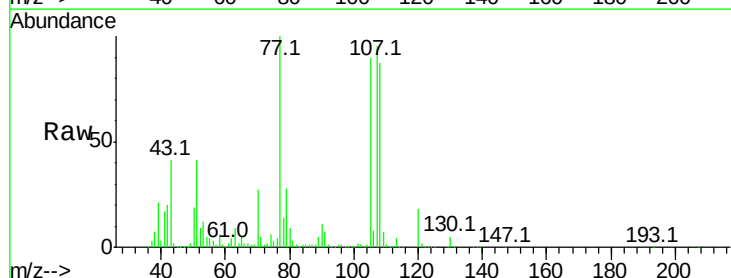
Ion Ratio Lower Upper

107 100

108 90.9 73.0 113.0

77 104.7 71.3 111.3

79 29.1 11.1 51.1



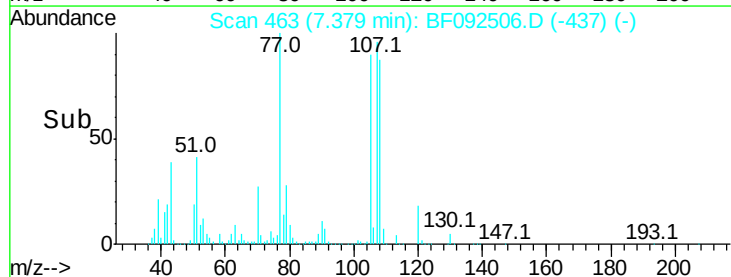
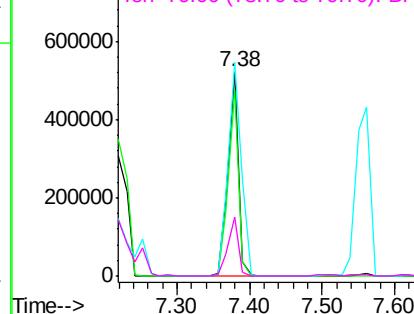
Abundance

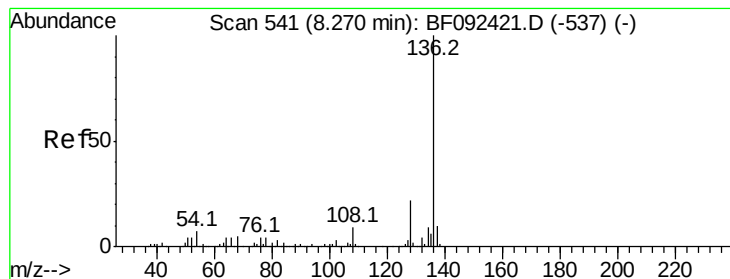
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

Tot Ion:136 Resp: 587968

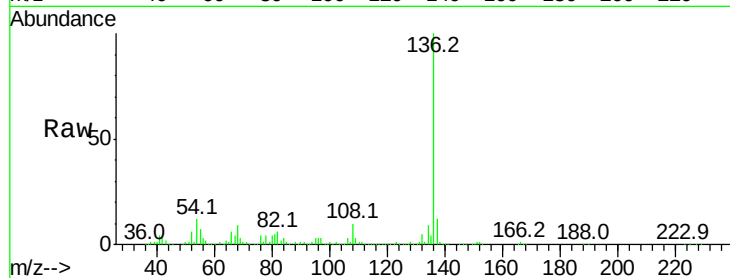
Ion Ratio Lower Upper

136 100

137 11.6 8.4 12.6

54 12.4 4.5 6.7#

68 8.7 3.6 5.4#



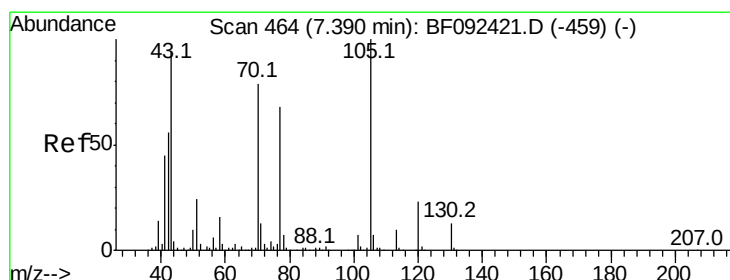
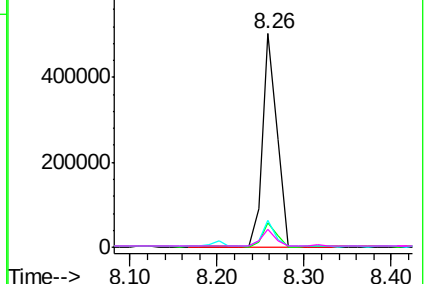
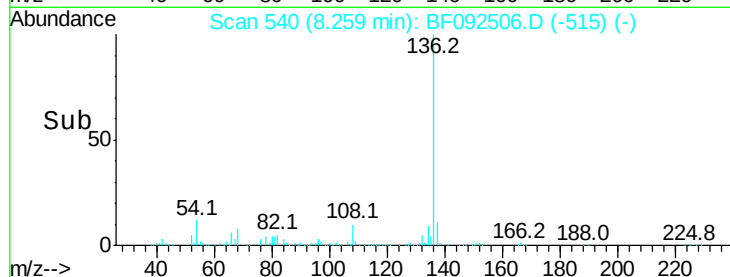
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 50.42 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Tgt Ion:105 Resp: 706048

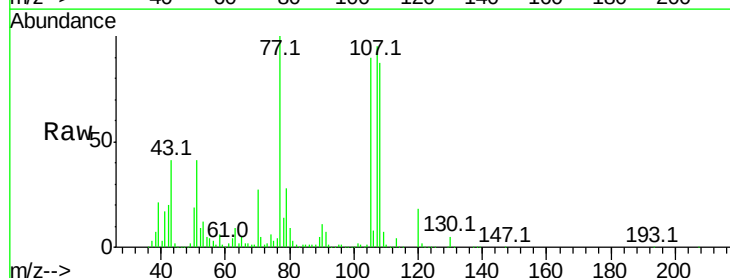
Ion Ratio Lower Upper

105 100

71 5.8 3.2 4.8#

51 45.4 26.2 39.4#

120 20.5 16.6 24.8



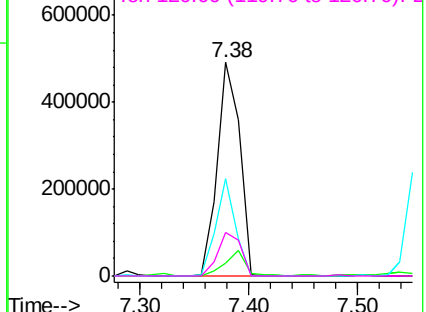
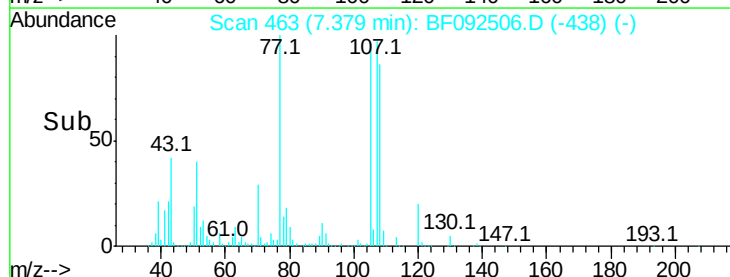
Abundance

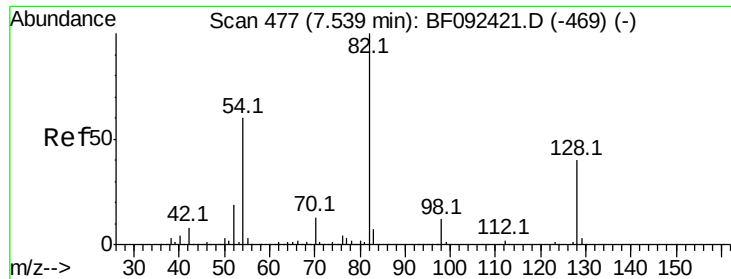
Ion 105.00 (104.70 to 105.70): E

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



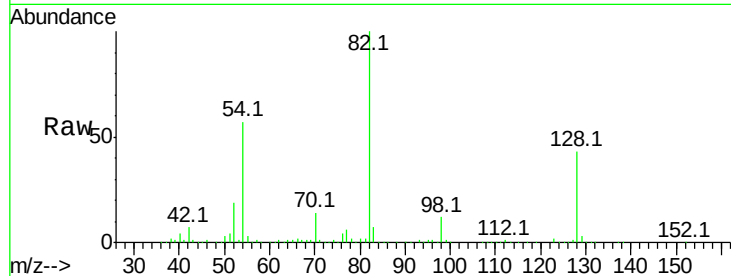


#23
 Nitrobenzene-d5
 Concen: 100.85 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

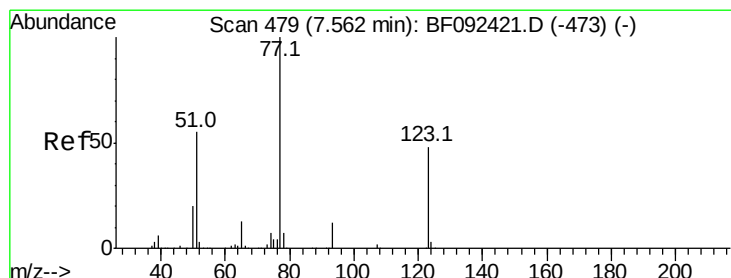
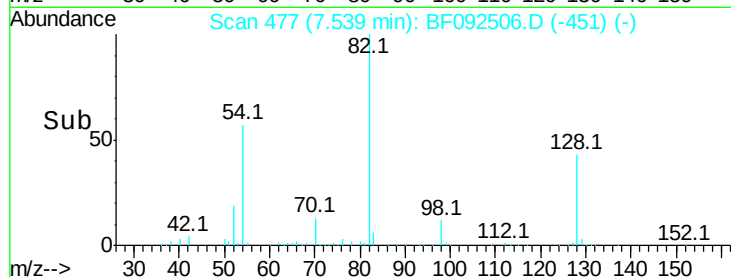
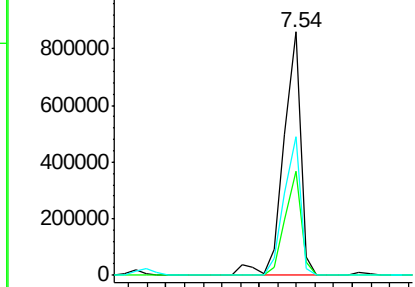
Instrument :
 BNA_F
 ClientSampleId :
 P14-11917MS

Tot Ion: 82 Resp: 1085508

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	52.0
54	57.2	39.5	59.3



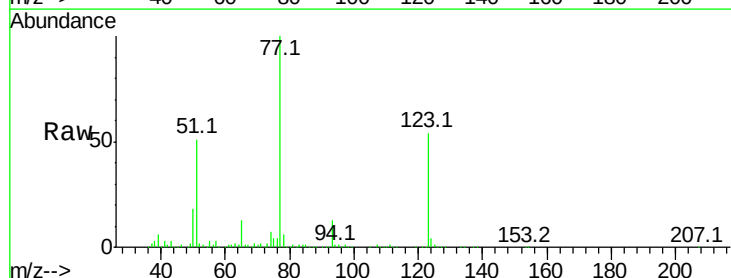
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



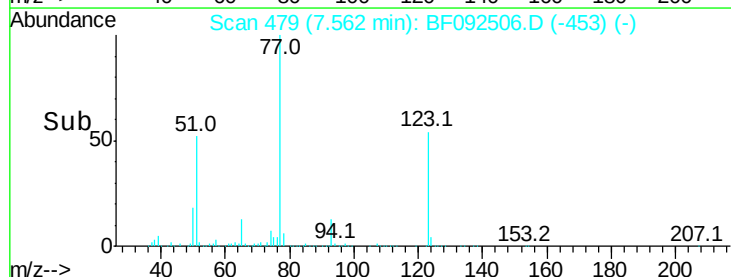
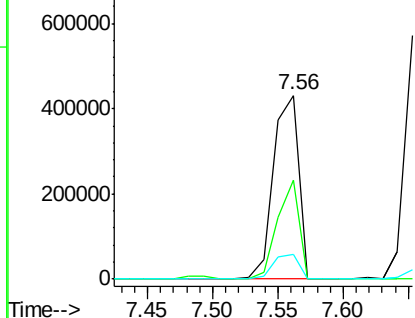
#24
 Nitrobenzene
 Concen: 52.06 ng
 RT: 7.56 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

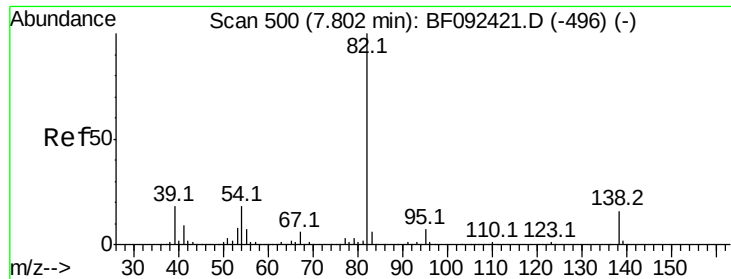
Tgt Ion: 77 Resp: 587000

Ion	Ratio	Lower	Upper
77	100		
123	54.2	33.0	49.4#
65	13.2	11.2	16.8



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





#25

Isophorone

Concen: 50.88 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

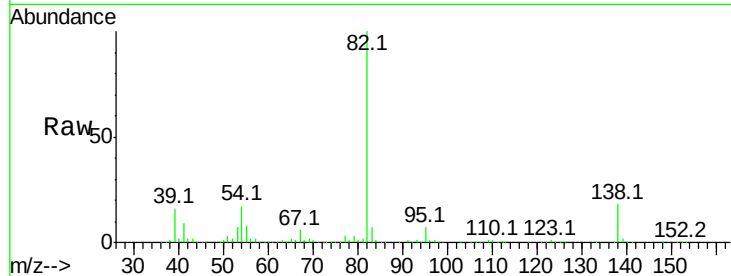
Tot Ion: 82 Resp: 1079149

Ion Ratio Lower Upper

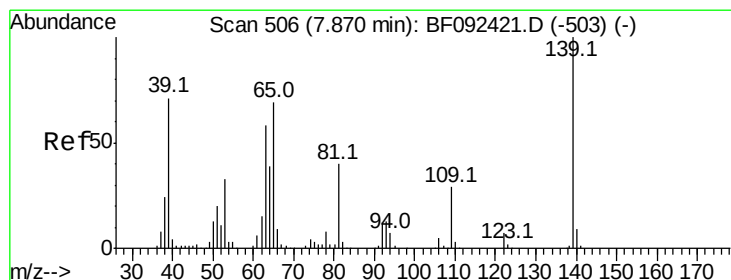
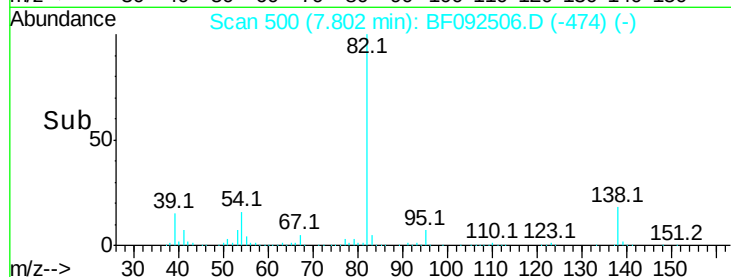
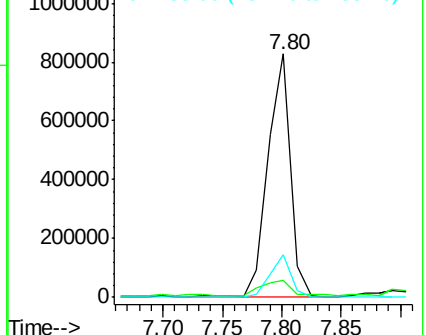
82 100

95 7.3 5.6 8.4

138 17.5 14.6 22.0



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: 56.11 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

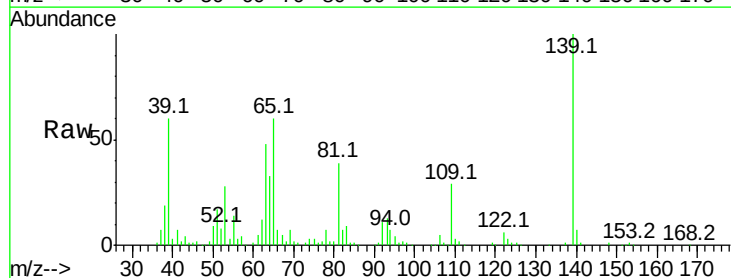
Tgt Ion: 139 Resp: 265101

Ion Ratio Lower Upper

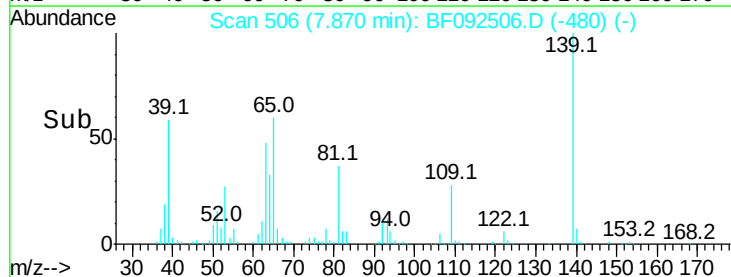
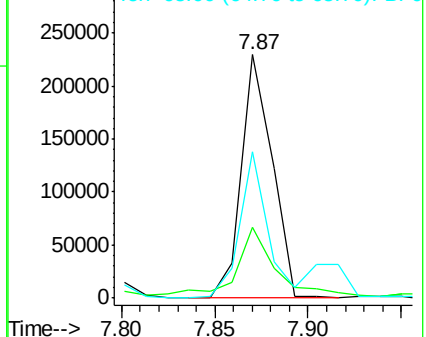
139 100

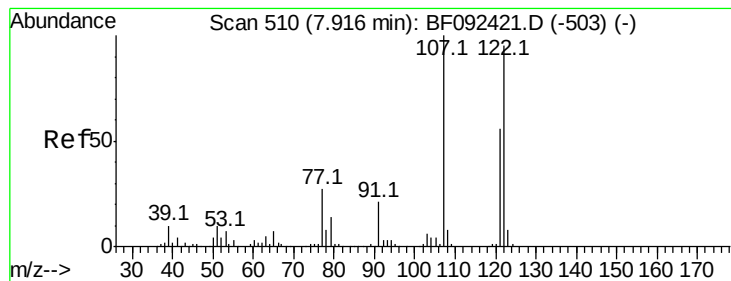
109 29.0 23.3 34.9

65 59.9 42.7 64.1



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

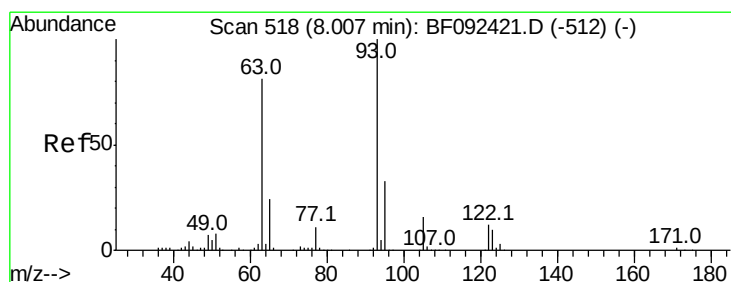
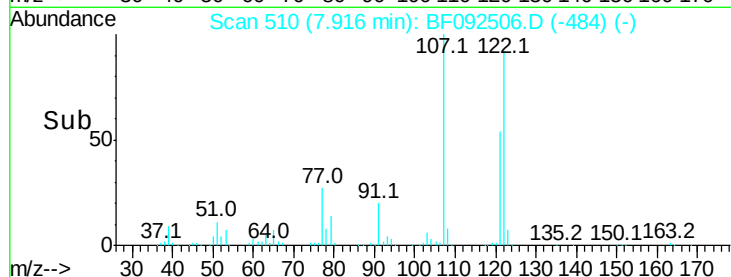
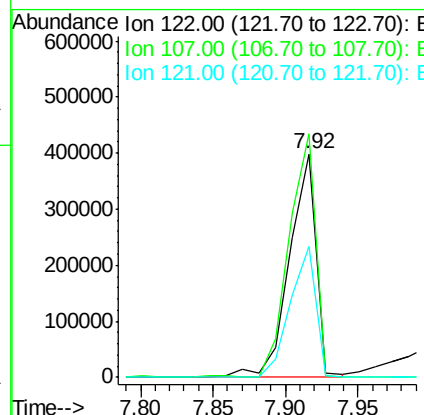
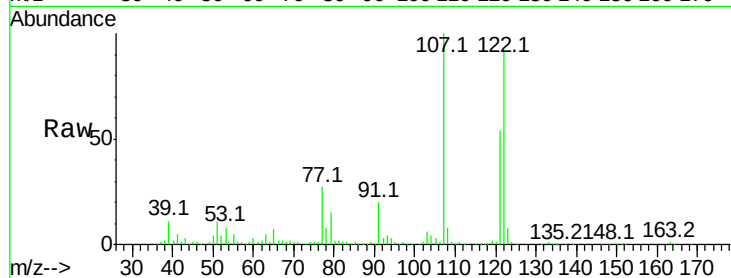




#27
2,4-Dimethylphenol
Concen: 51.64 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

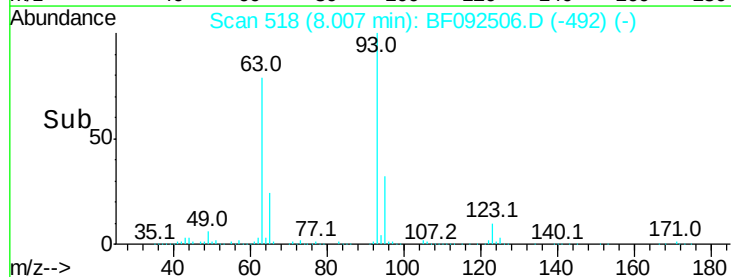
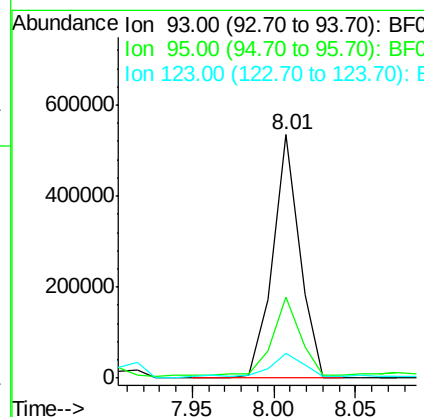
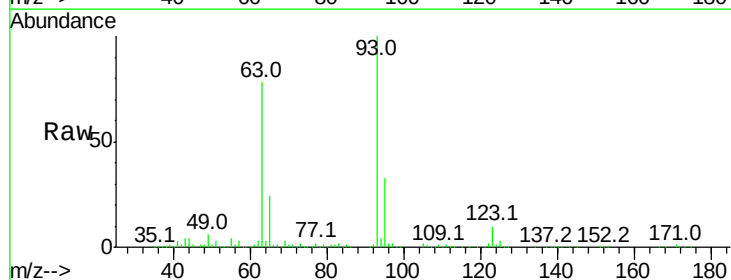
Instrument :
BNA_F
ClientSampleId :
P14-11917MS

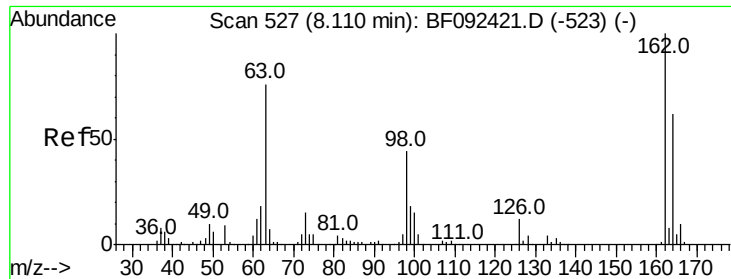
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.1	94.1	141.1
121	58.4	46.0	69.0



#28
bis(2-Chloroethoxy)methane
Concen: 44.02 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.5	39.7
123	10.1	8.6	13.0

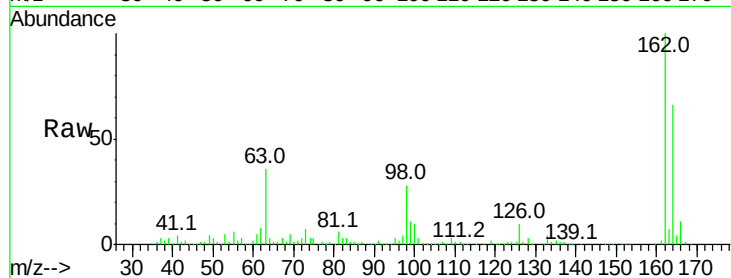




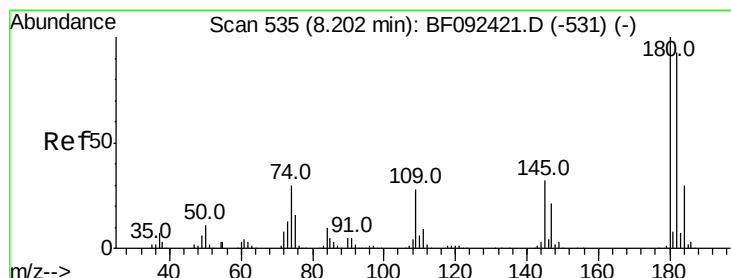
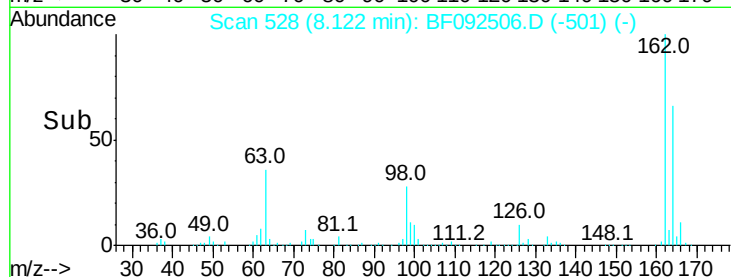
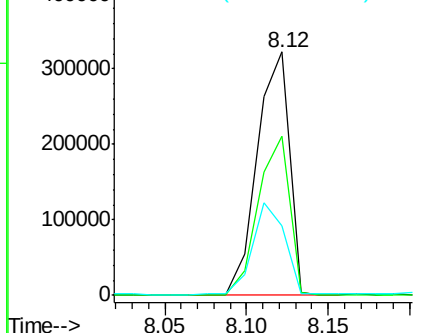
#29
 2,4-Dichlorophenol
 Concen: 52.15 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Instrument :
 BNA_F
 ClientSampleId :
 P14-11917MS

Tot Ion:162 Resp: 444286
 Ion Ratio Lower Upper
 162 100
 164 65.6 46.8 86.8
 98 28.4 9.1 49.1

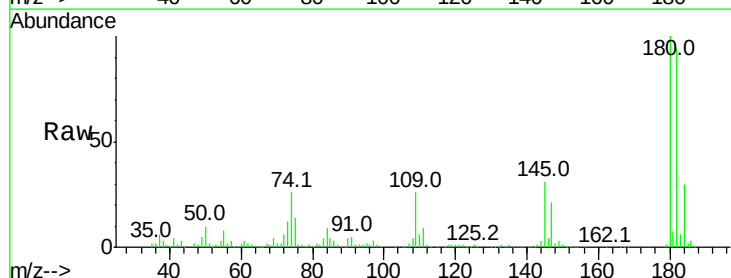


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

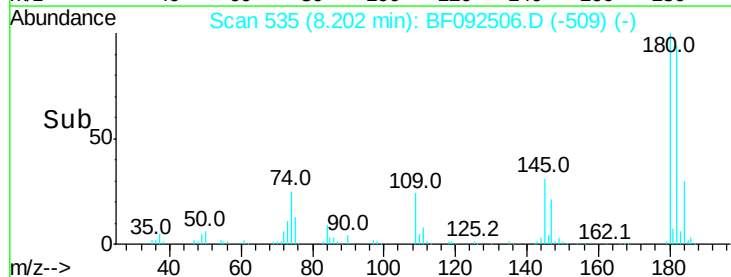
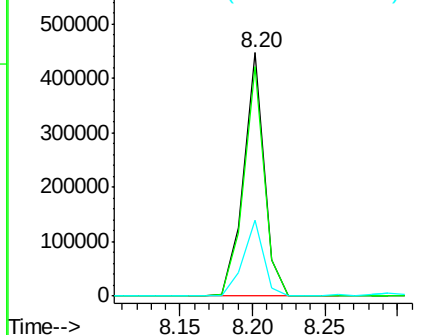


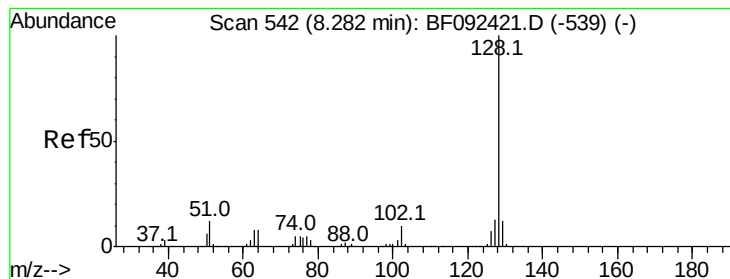
#30
 1,2,4-Trichlorobenzene
 Concen: 48.02 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Tgt Ion:180 Resp: 442173
 Ion Ratio Lower Upper
 180 100
 182 94.1 78.2 117.4
 145 31.0 21.6 32.4



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





#31

Naphthalene

Concen: 46.00 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

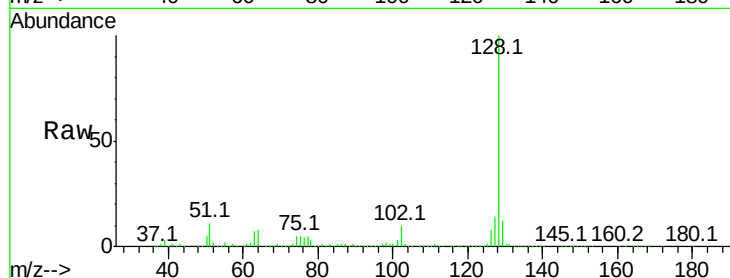
Tot Ion:128 Resp: 1384171

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

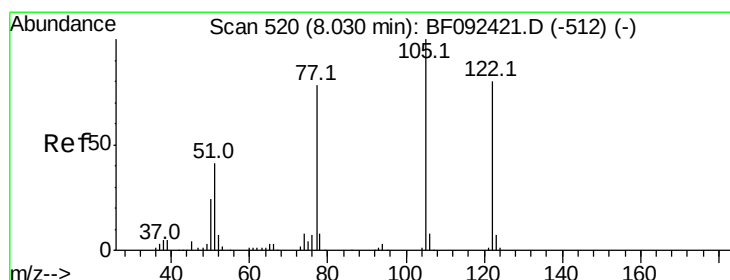
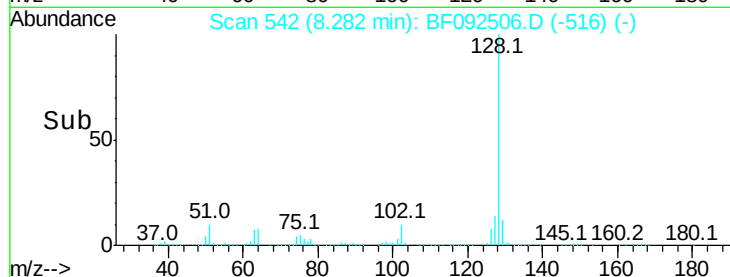
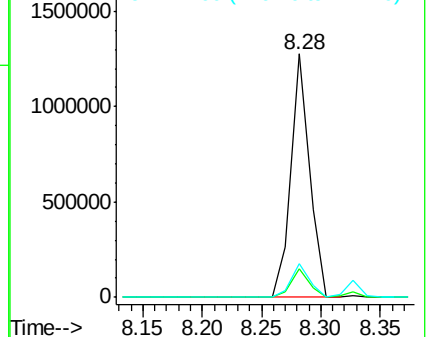
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.41 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.03 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

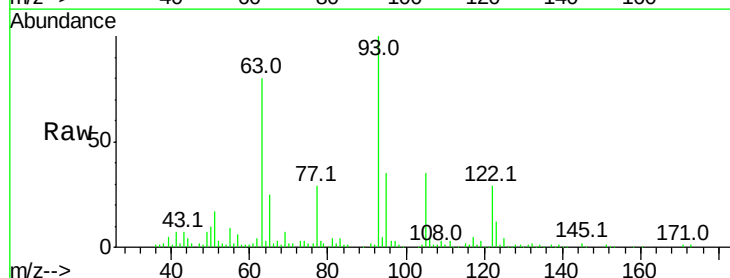
Tgt Ion:122 Resp: 111672

Ion Ratio Lower Upper

122 100

105 123.8 107.2 147.2

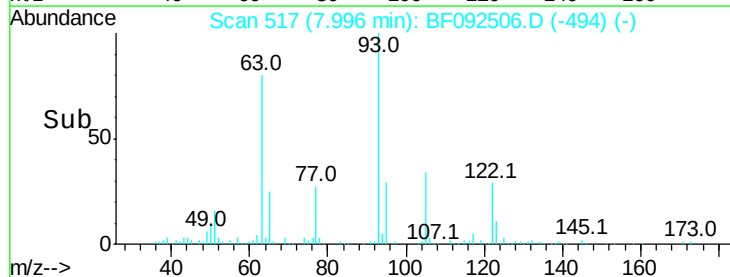
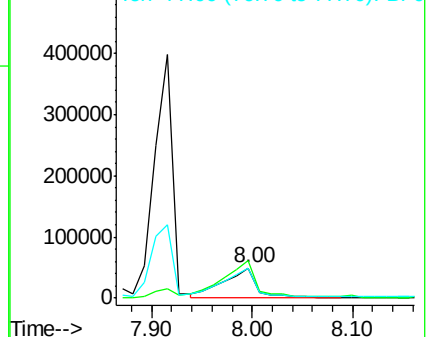
77 100.6 74.5 114.5

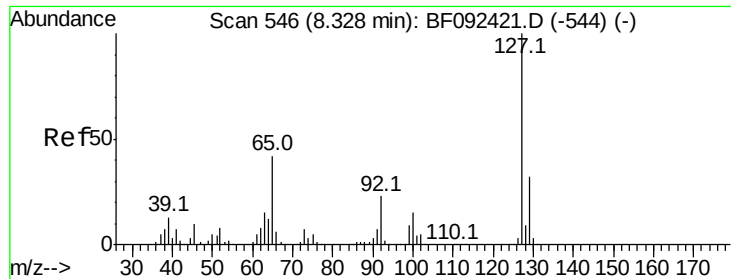


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

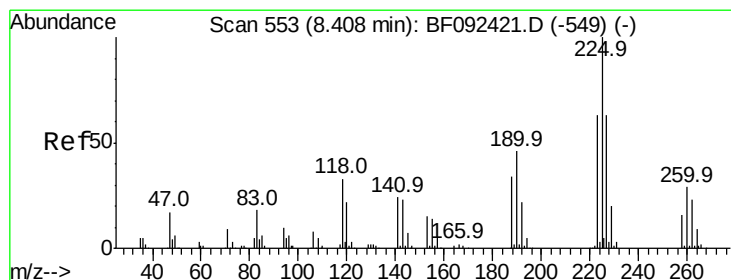
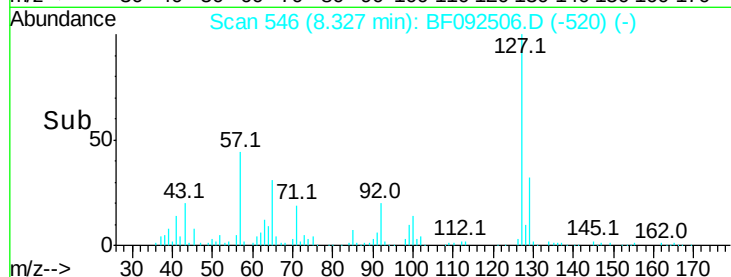
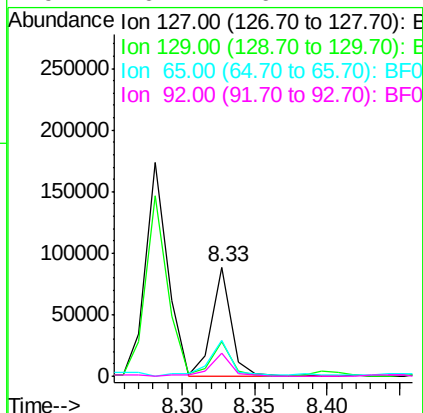
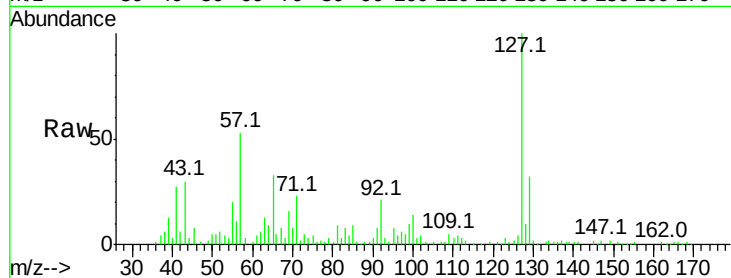




#33
4-Chloroaniline
Concen: 6.43 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

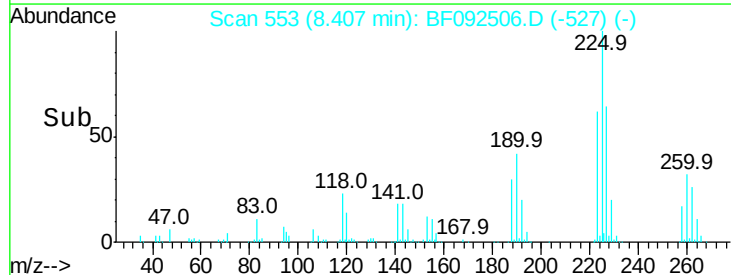
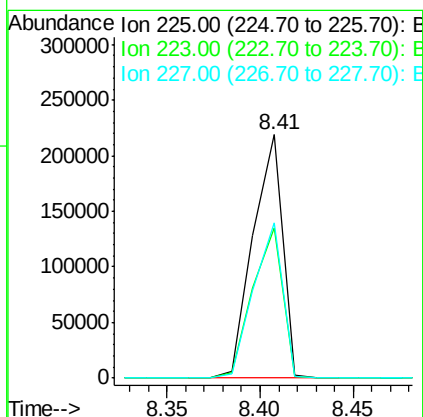
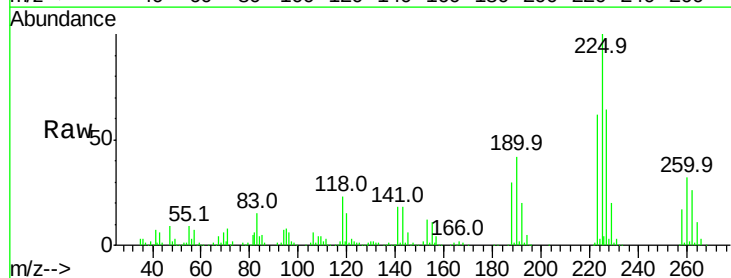
Instrument :
BNA_F
ClientSampleId :
P14-11917MS

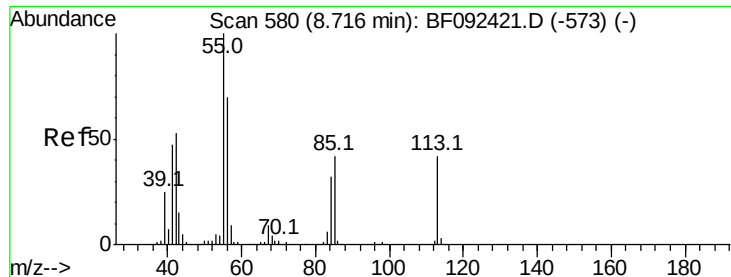
Tot Ion:	127	Resp:	81851
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.3	39.5
65	33.1	25.8	38.8
92	20.7	16.1	24.1



#34
Hexachlorobutadiene
Concen: 48.46 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Tgt Ion:	225	Resp:	244073
Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.0	76.6
227	63.9	50.6	76.0





#35

Caprolactam

Concen: 38.27 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

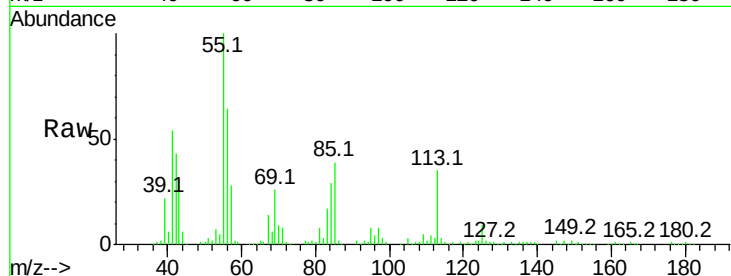
Tot Ion:113 Resp: 108879

Ion Ratio Lower Upper

113 100

55 285.9 119.2 159.2#

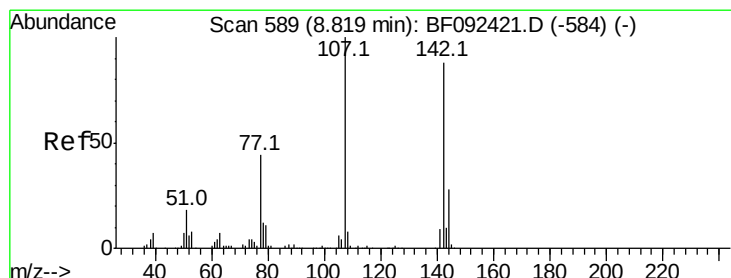
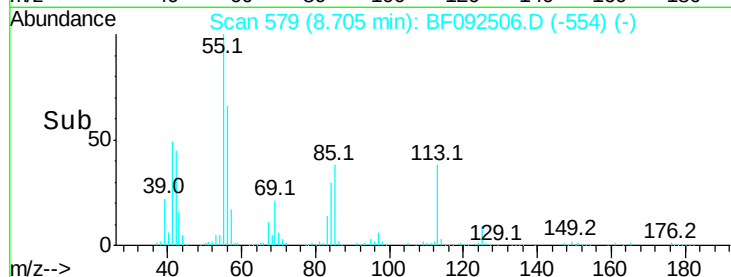
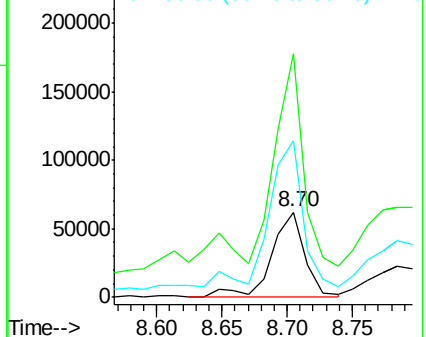
56 183.9 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 51.53 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

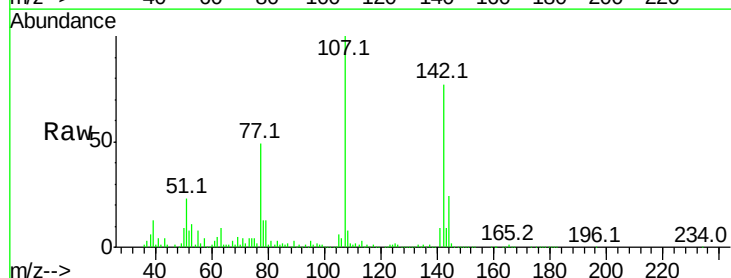
Tgt Ion:107 Resp: 473436

Ion Ratio Lower Upper

107 100

144 24.3 19.3 28.9

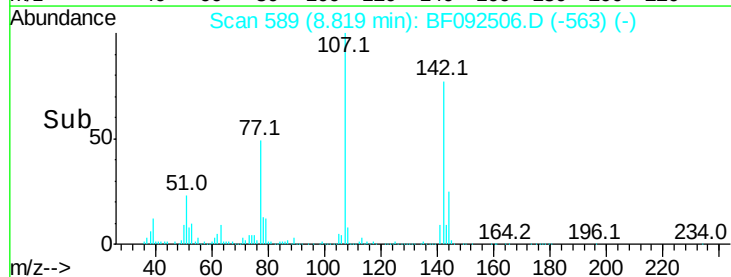
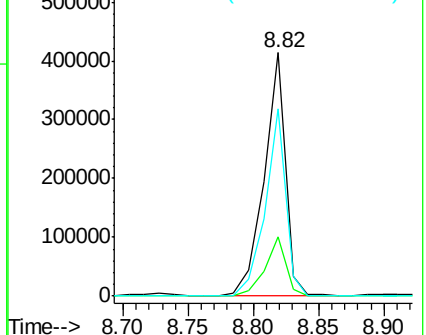
142 76.8 59.0 88.6

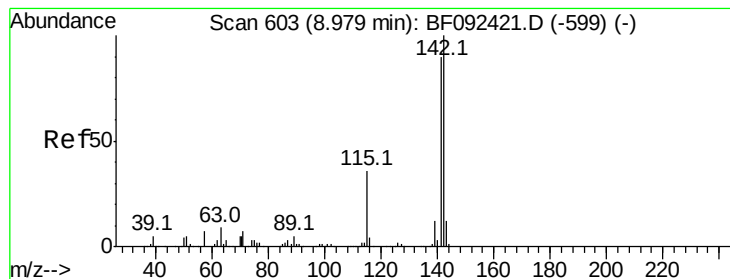


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.59 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

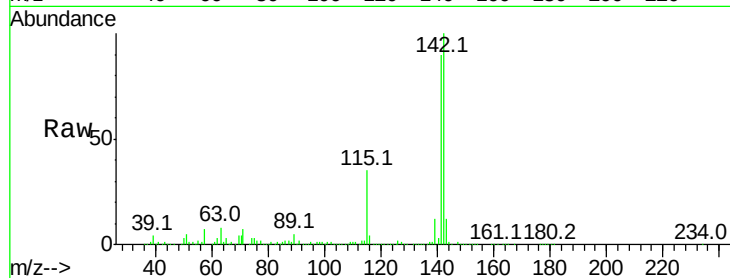
Tot Ion:142 Resp: 925599

Ion Ratio Lower Upper

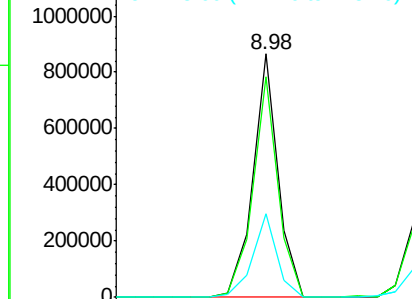
142 100

141 90.3 71.0 106.6

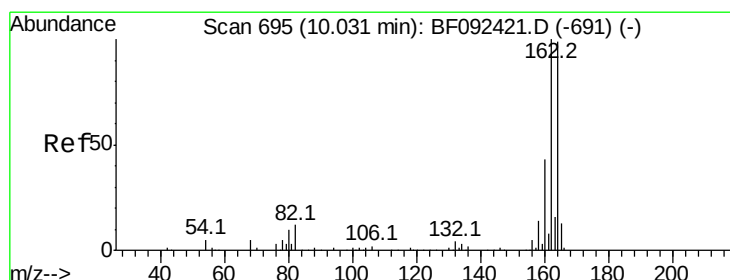
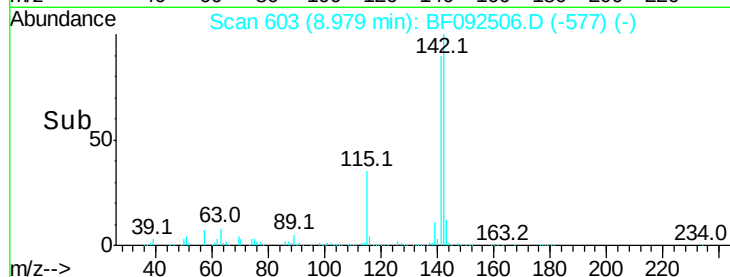
115 34.6 28.3 42.5



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



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

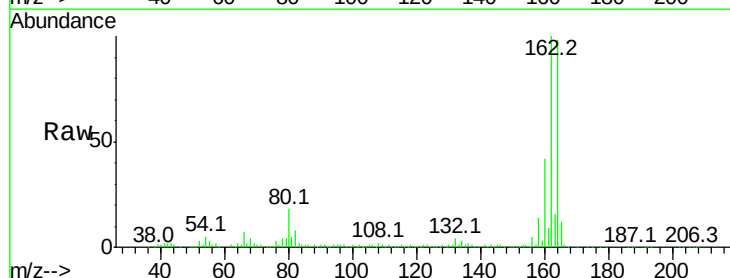
Tgt Ion:164 Resp: 335742

Ion Ratio Lower Upper

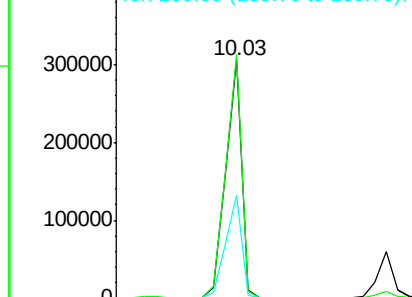
164 100

162 102.3 80.2 120.2

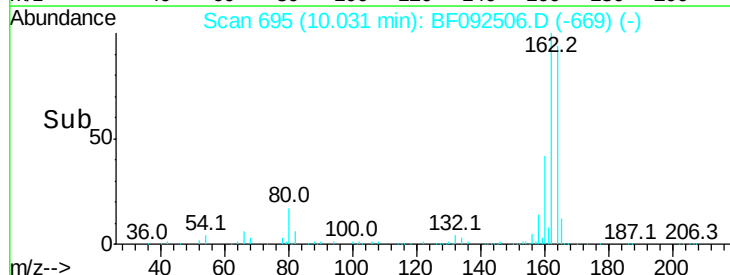
160 43.1 36.9 55.3

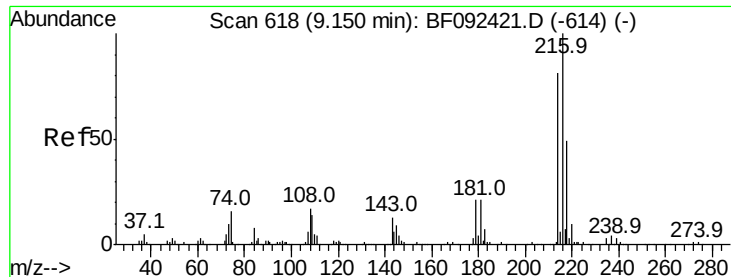


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.93 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

Tot Ion:216 Resp: 448247

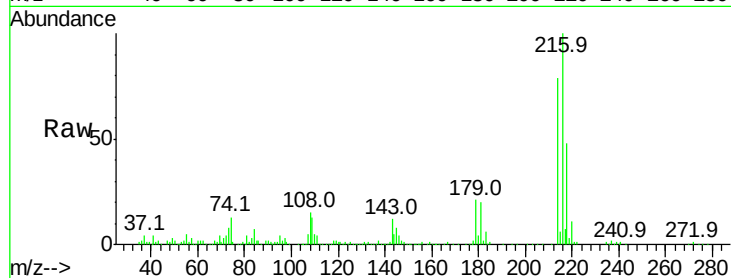
Ion Ratio Lower Upper

216 100

214 80.0 63.4 95.0

179 22.3 17.4 26.2

108 20.1 15.6 23.4

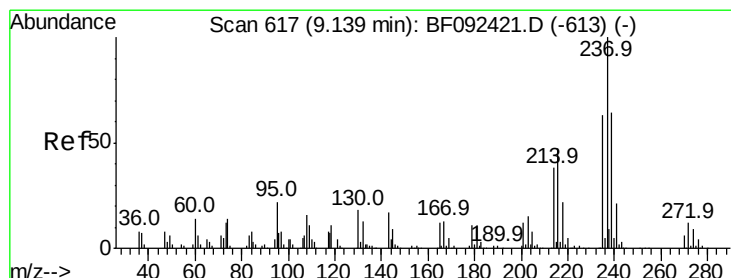
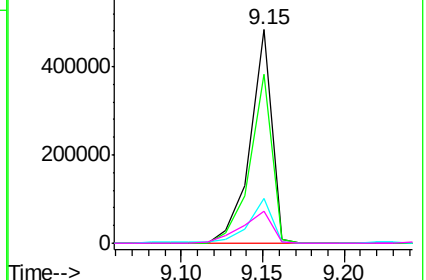
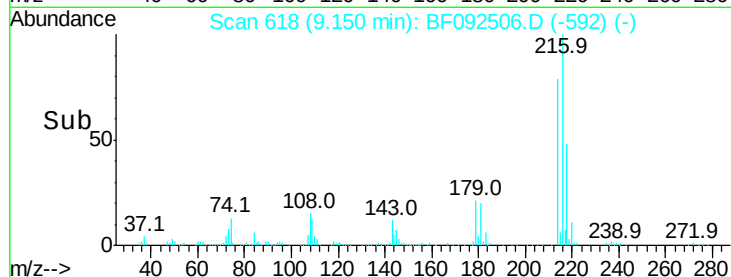


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 82.59 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

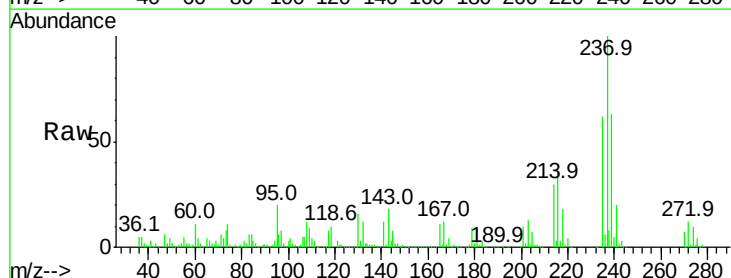
Tgt Ion:237 Resp: 350282

Ion Ratio Lower Upper

237 100

235 62.0 41.2 81.2

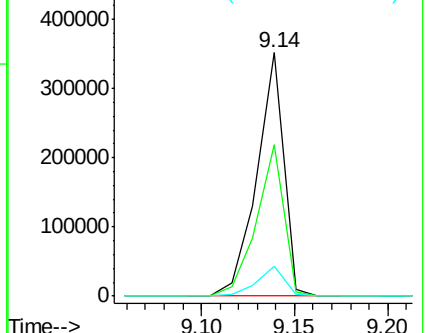
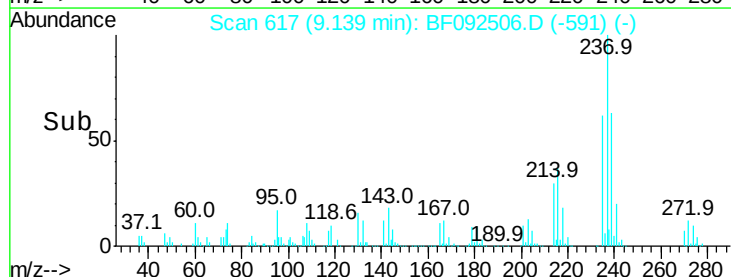
272 12.3 0.0 35.4

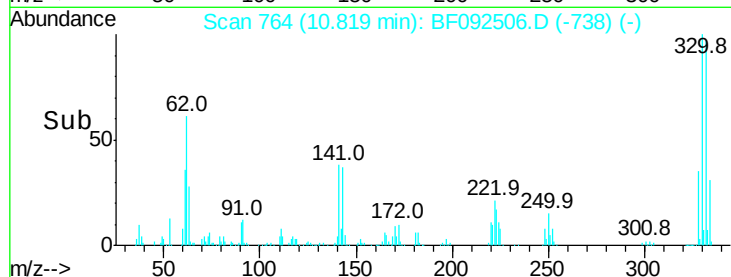
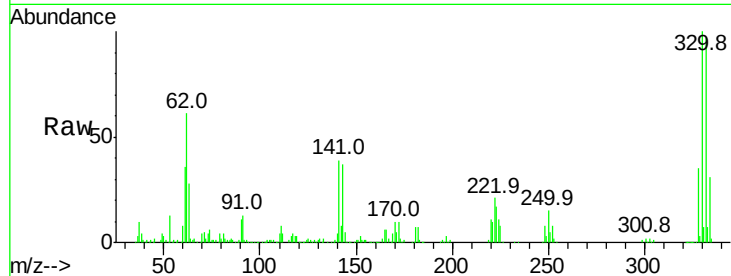
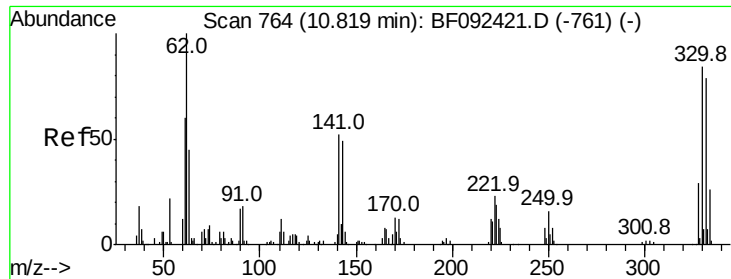


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 136.45 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

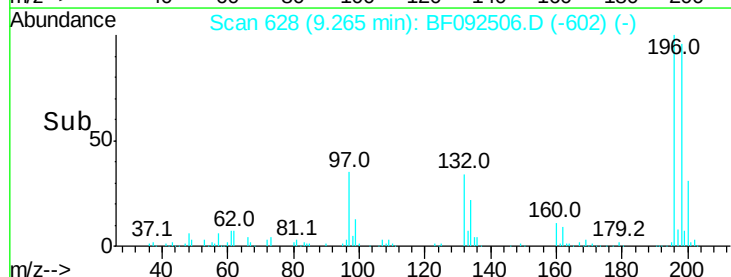
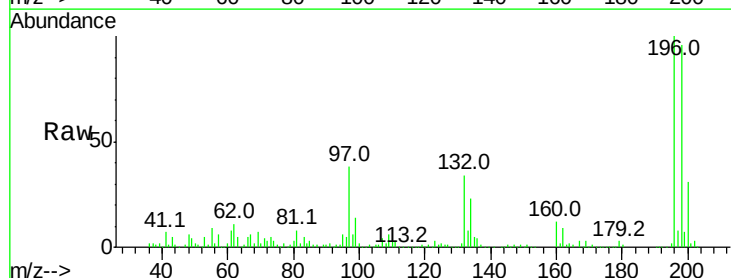
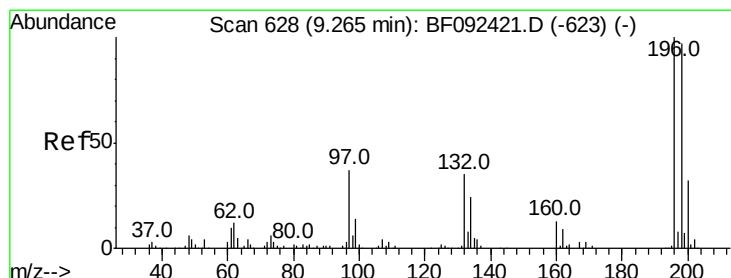
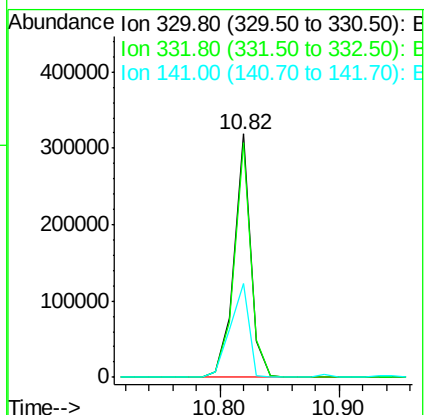
Tot Ion:330 Resp: 312183

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

141 43.0 34.1 51.1



#42

2,4,6-Trichlorophenol

Concen: 51.88 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

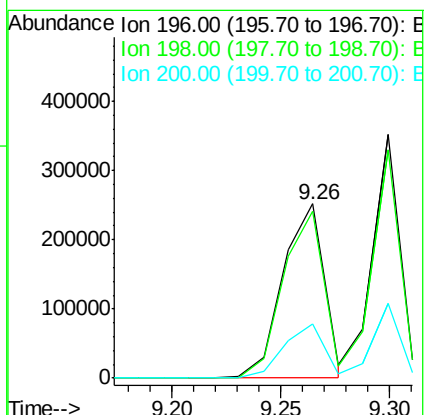
Tgt Ion:196 Resp: 336664

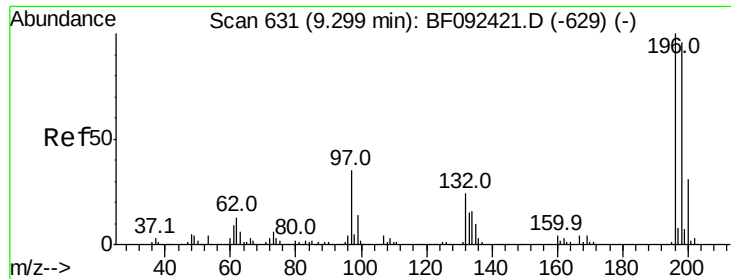
Ion Ratio Lower Upper

196 100

198 95.9 82.1 123.1

200 31.0 27.0 40.4

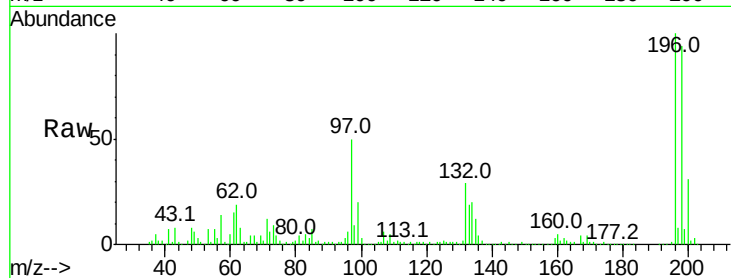




#43
 2,4,5-Trichlorophenol
 Concen: 52.12 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Instrument :
 BNA_F
 ClientSampleId :
 P14-11917MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.6	79.4	119.2
97	50.5	51.5	77.3#
132	29.1	27.4	41.2



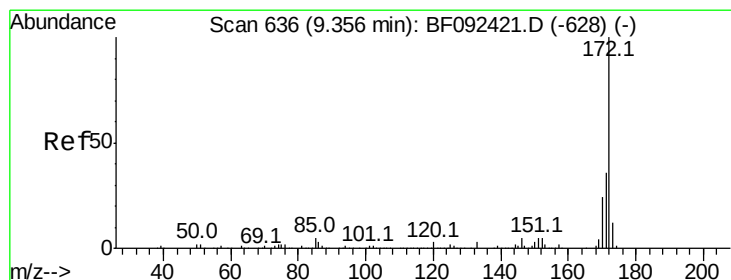
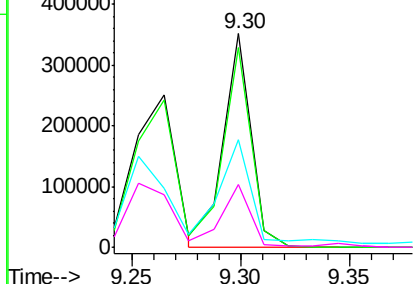
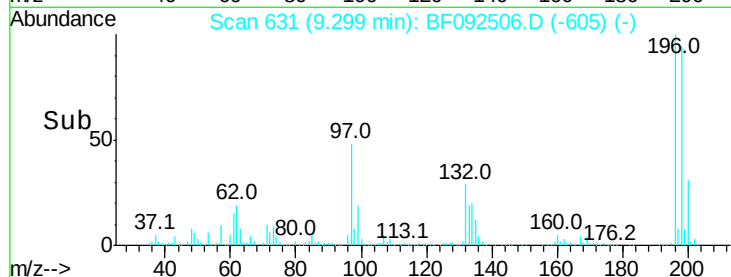
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

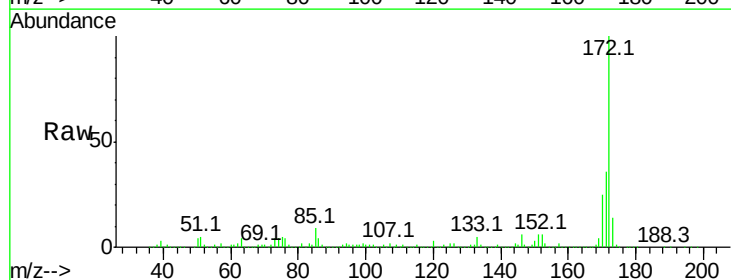
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.29 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.6	20.2	30.4

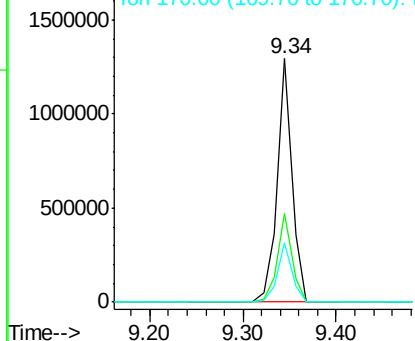
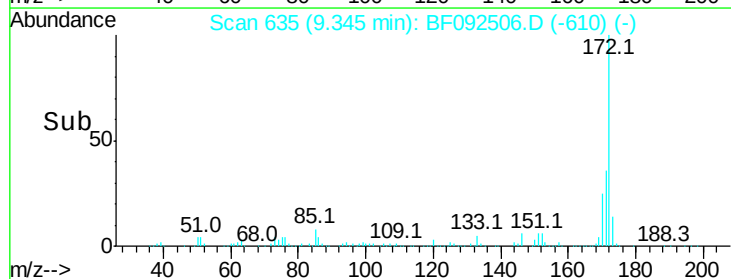


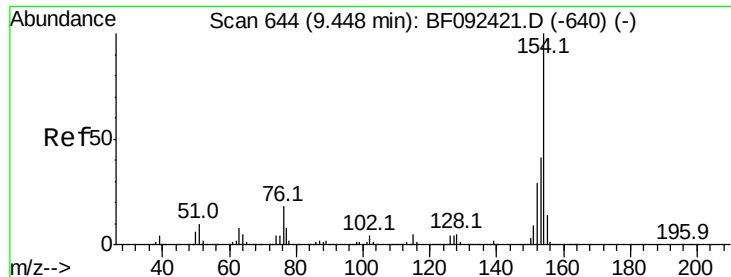
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.12 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

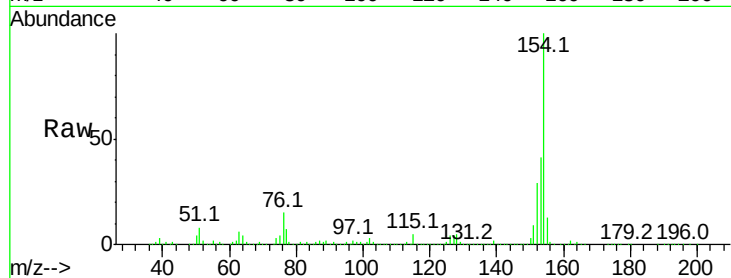
Tot Ion:154 Resp: 1119411

Ion Ratio Lower Upper

154 100

153 41.2 20.9 60.9

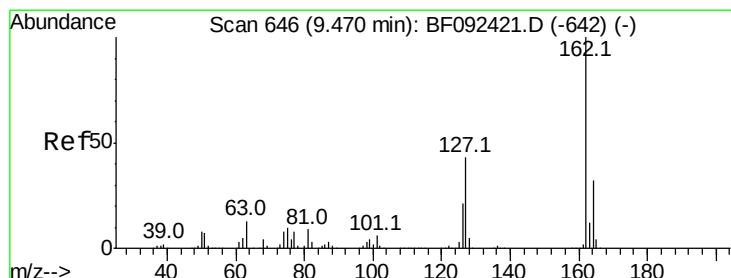
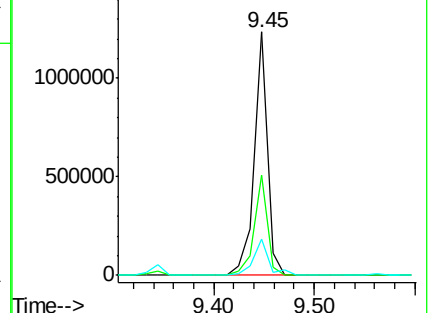
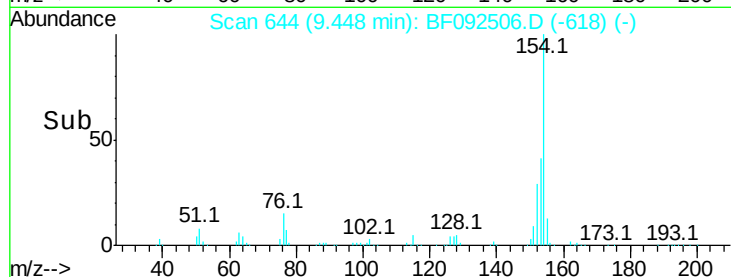
76 14.9 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.00 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

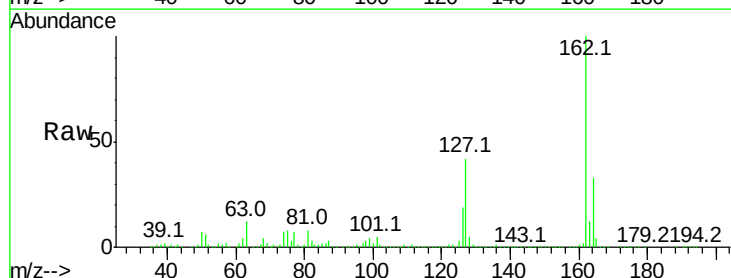
Tgt Ion:162 Resp: 852370

Ion Ratio Lower Upper

162 100

127 42.1 30.7 46.1

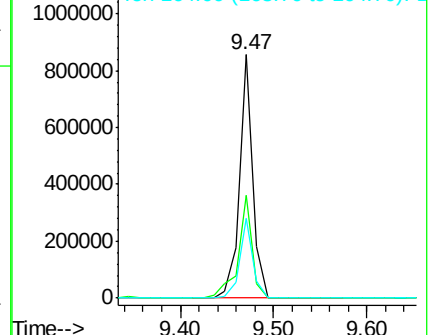
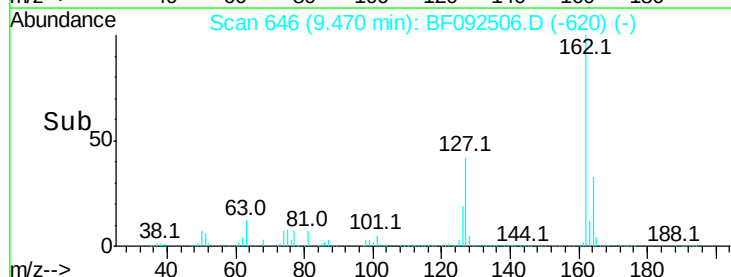
164 32.8 27.6 41.4

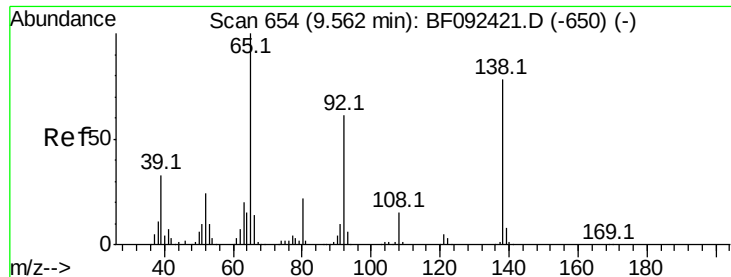


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

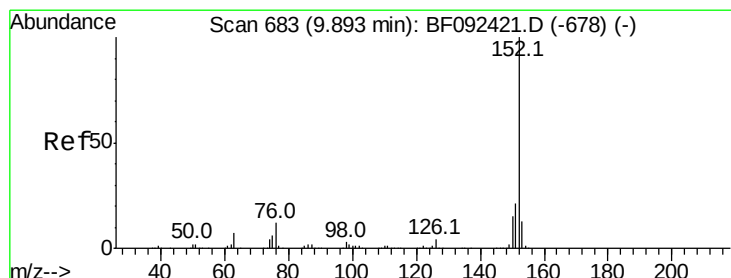
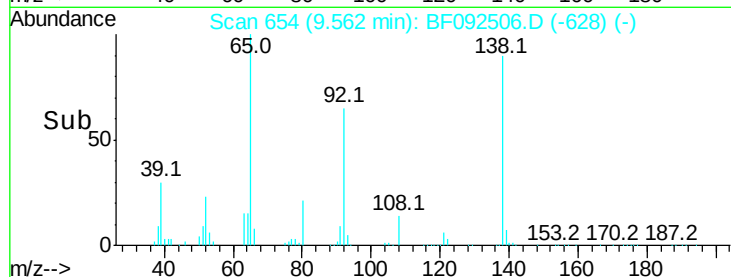
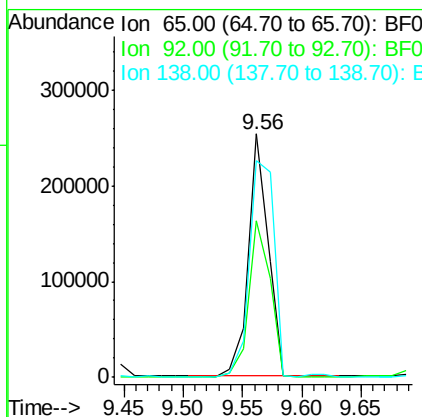
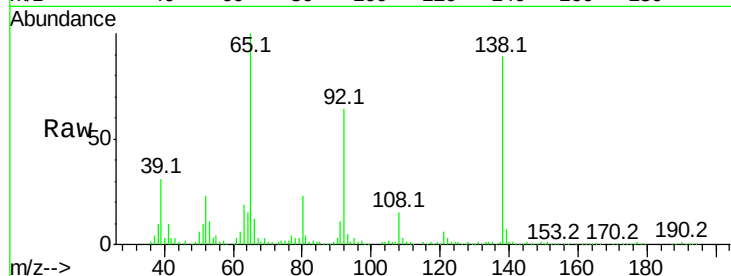




#47
2-Nitroaniline
Concen: 44.30 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

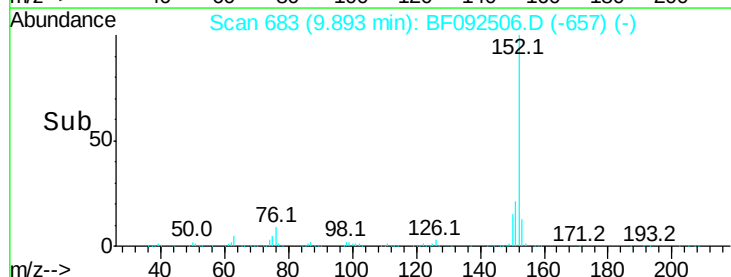
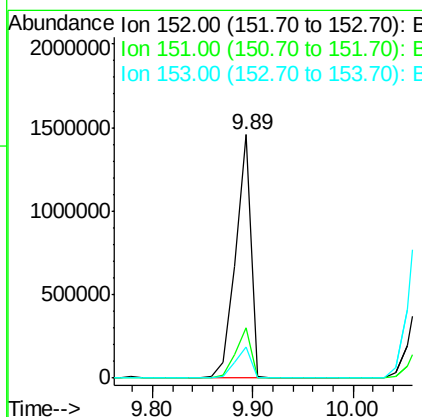
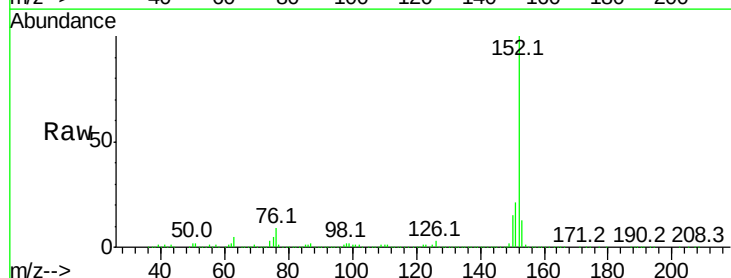
Instrument :
BNA_F
ClientSampleId :
P14-11917MS

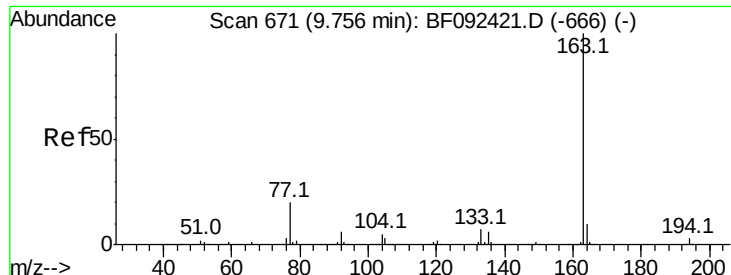
Tot Ion: 65 Resp: 295733
Ion Ratio Lower Upper
65 100
92 64.3 53.9 80.9
138 89.0 76.8 115.2



#48
Acenaphthylene
Concen: 53.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Tgt Ion: 152 Resp: 1541015
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 13.0 11.4 17.2

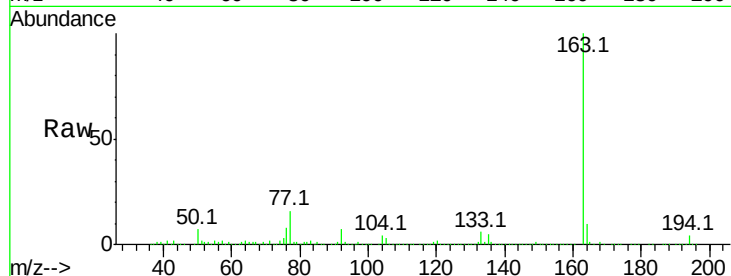




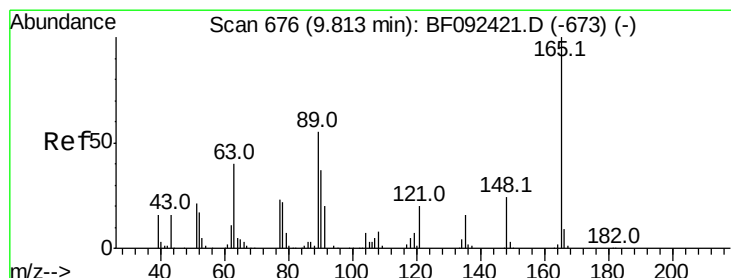
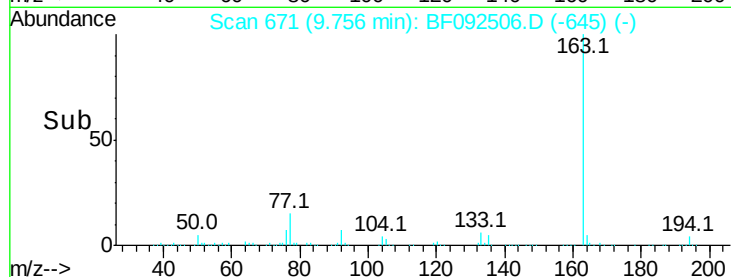
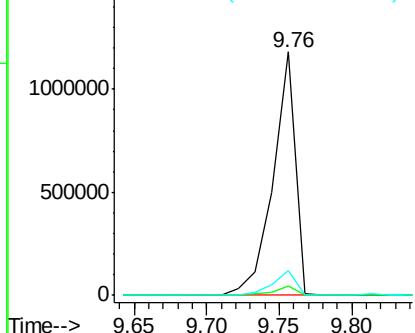
#49
Dimethylphthalate
Concen: 58.96 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Instrument :
BNA_F
ClientSampleId :
P14-11917MS

Tot Ion:163 Resp: 1258895
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.1 8.0 12.0

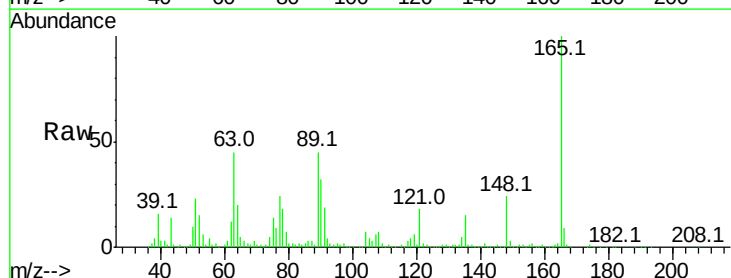


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

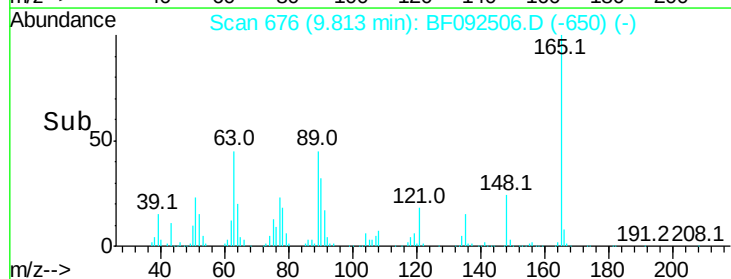
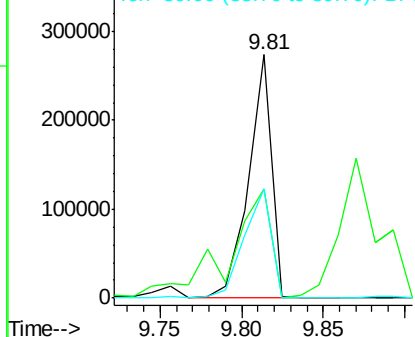


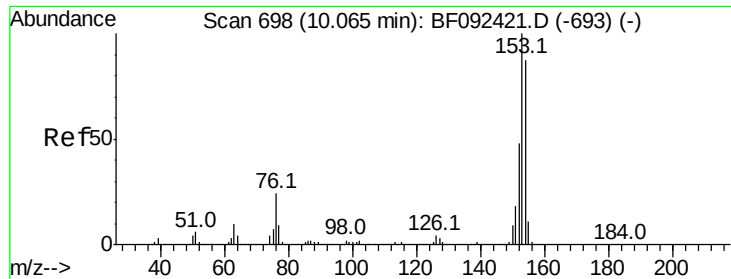
#50
2,6-Dinitrotoluene
Concen: 60.57 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Tgt Ion:165 Resp: 264339
Ion Ratio Lower Upper
165 100
63 45.1 36.2 54.4
89 45.0 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 59.14 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

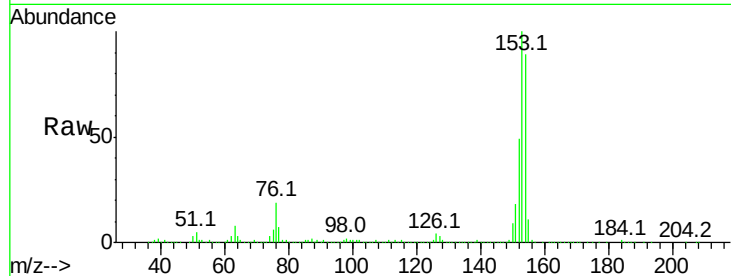
Tot Ion:154 Resp: 1068445

Ion Ratio Lower Upper

154 100

153 113.0 88.6 133.0

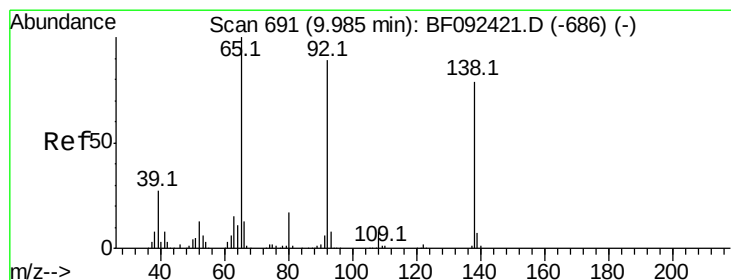
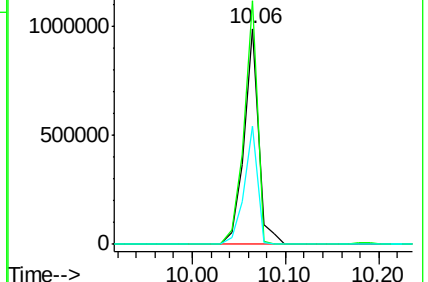
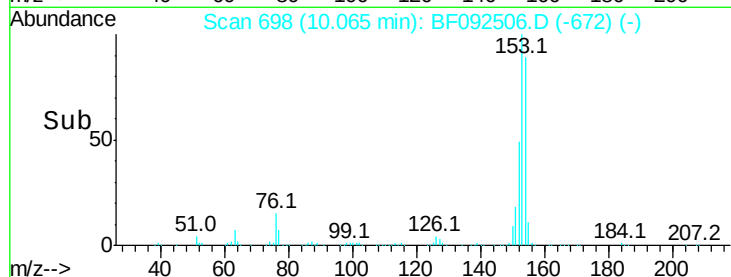
152 55.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.87 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

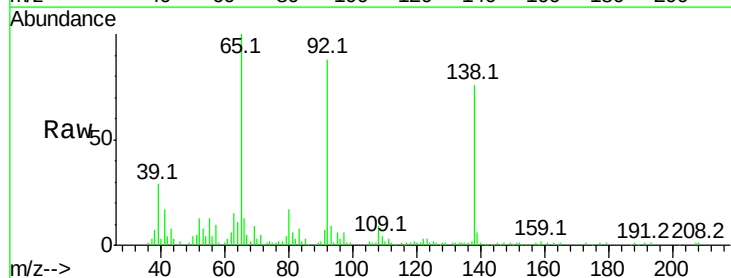
Tgt Ion:138 Resp: 64867

Ion Ratio Lower Upper

138 100

108 11.5 8.5 12.7

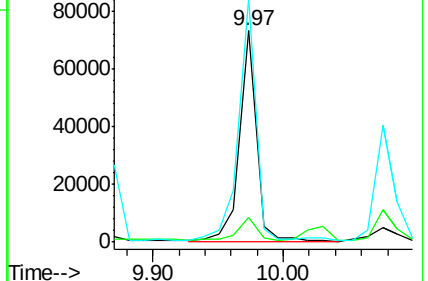
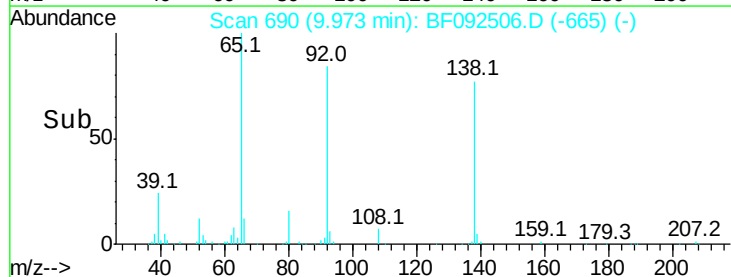
92 115.2 97.8 146.8

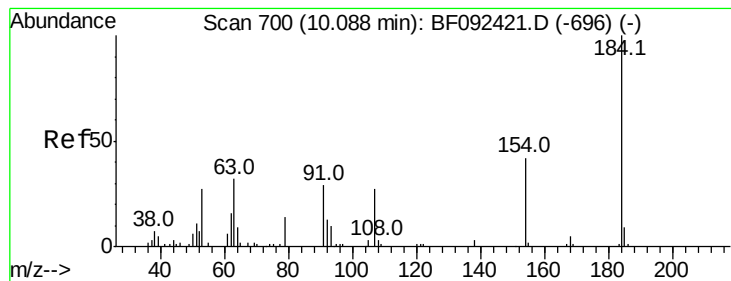


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 62.78 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

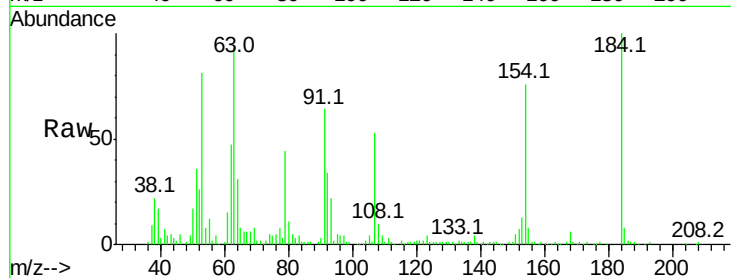
Tot Ion:184 Resp: 156917

Ion Ratio Lower Upper

184 100

63 94.4 28.4 42.6#

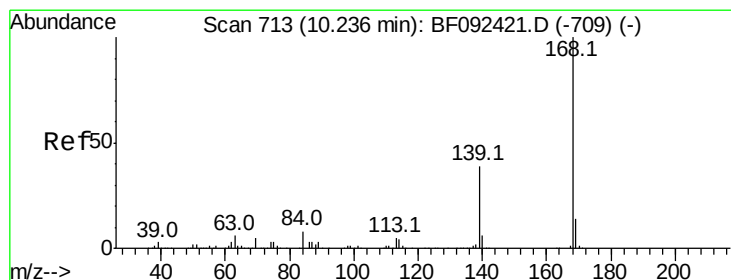
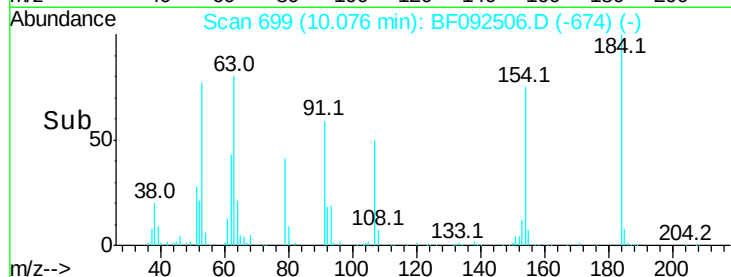
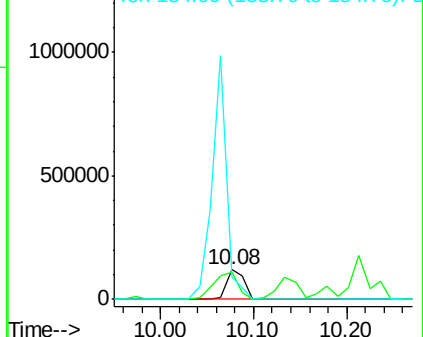
154 75.5 44.3 66.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 58.78 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

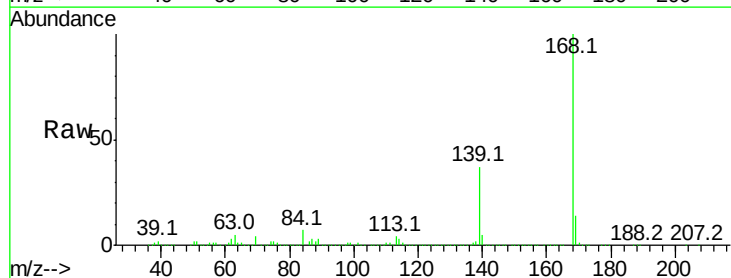
Tgt Ion:168 Resp: 1441950

Ion Ratio Lower Upper

168 100

139 36.8 32.6 49.0

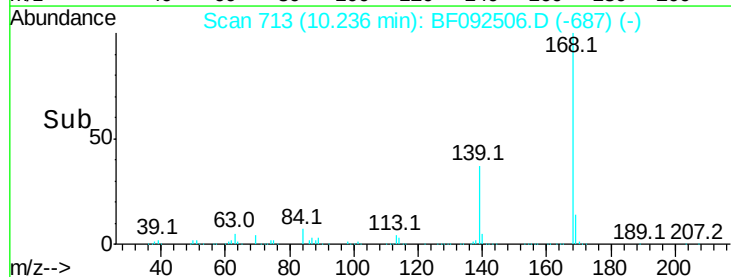
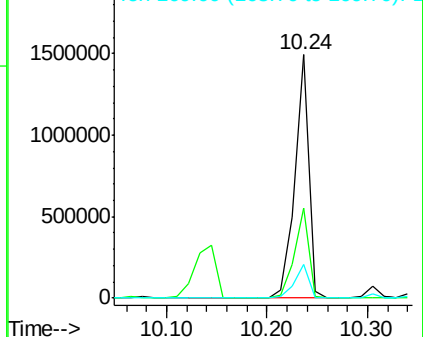
169 13.8 11.3 16.9

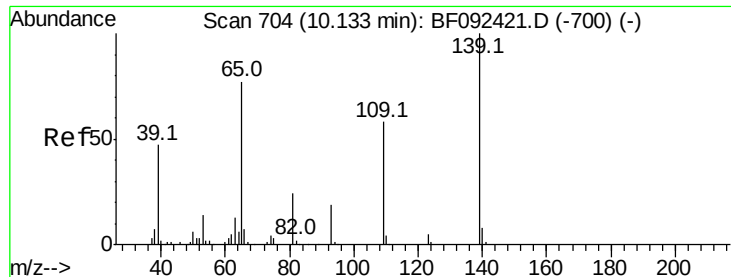


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 110.48 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

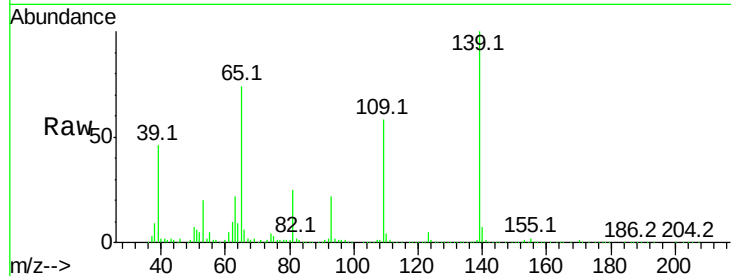
Tot Ion:139 Resp: 479517

Ion Ratio Lower Upper

139 100

109 58.2 52.2 92.2

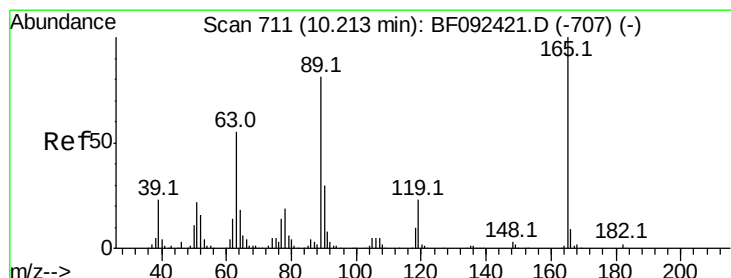
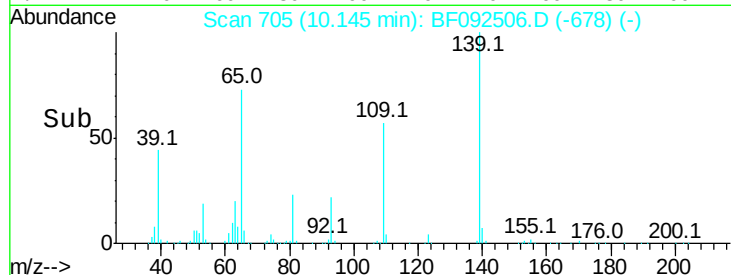
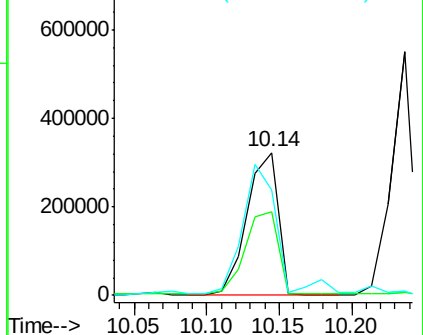
65 73.6 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 54.57 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Tgt Ion:165 Resp: 316126

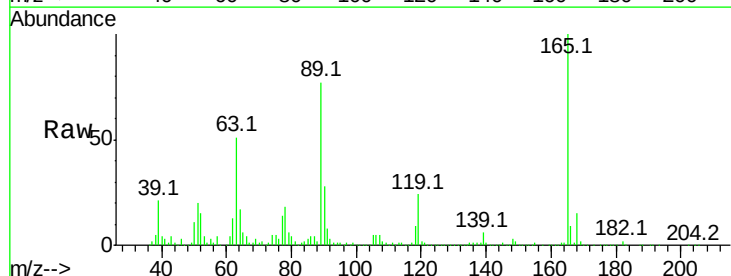
Ion Ratio Lower Upper

165 100

63 50.9 40.2 60.4

89 76.9 62.5 93.7

182 2.4 1.8 2.8

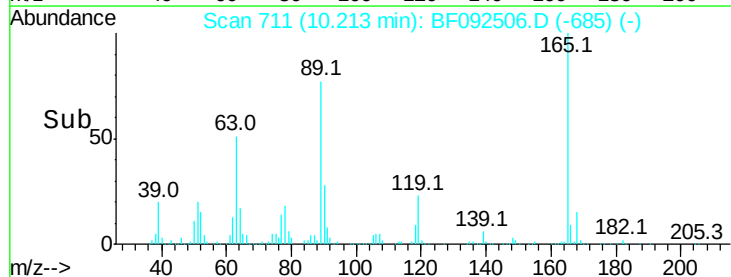
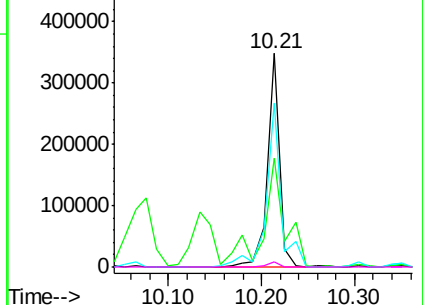


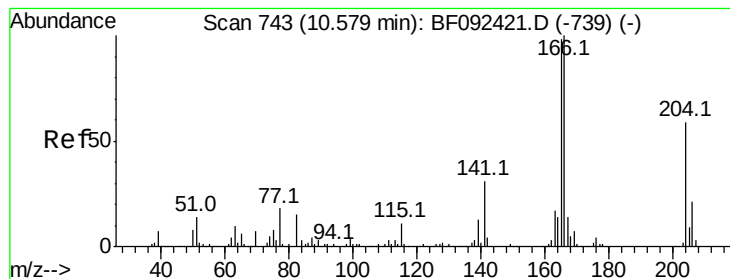
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 57.84 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

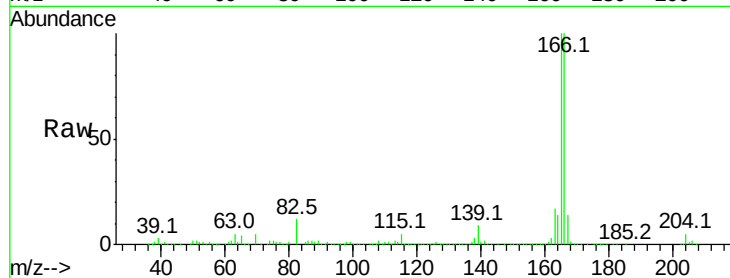
BNA_F

ClientSampleId :

P14-11917MS

Tot Ion:166 Resp: 1052021

Ion	Ratio	Lower	Upper
166	100		
165	100.4	77.8	116.8
167	13.6	10.8	16.2

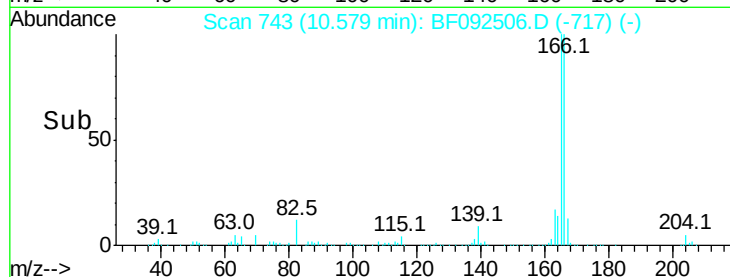


Abundance

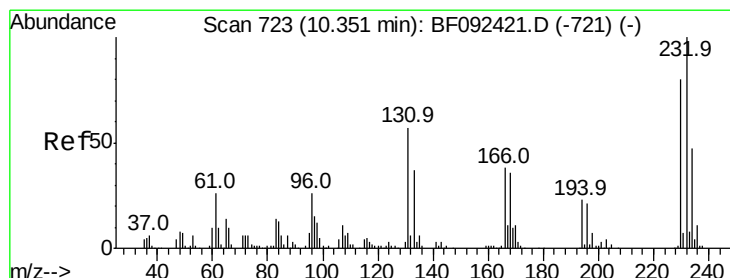
Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 59.68 ng

RT: 10.35 min Scan# 723

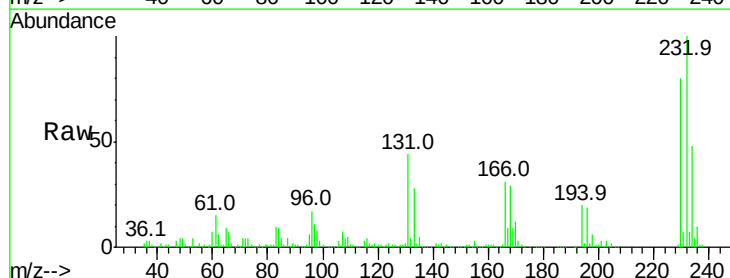
Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Tgt Ion:232 Resp: 265486

Ion	Ratio	Lower	Upper
232	100		
131	49.1	40.1	60.1
130	3.0	1.8	2.8#
166	32.8	26.6	39.8



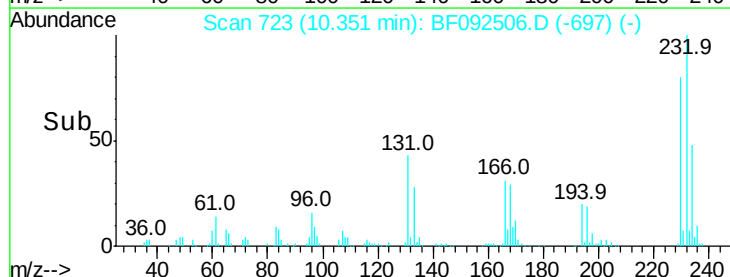
Abundance

Ion 232.00 (231.70 to 232.70): E

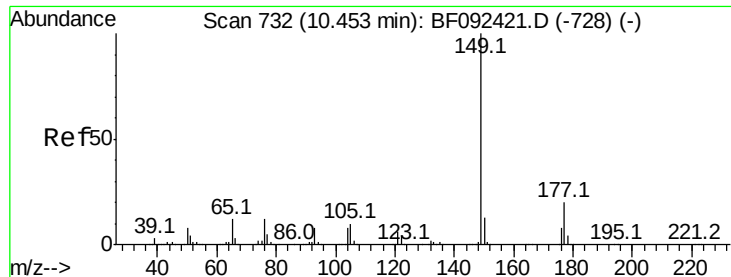
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



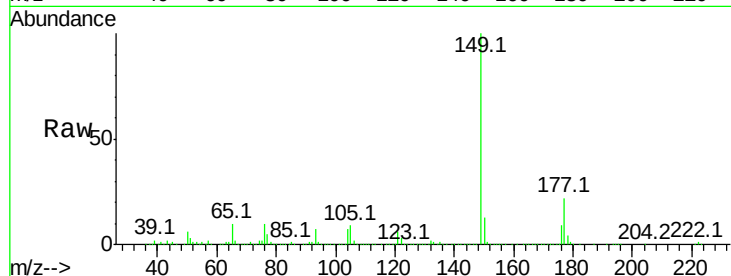
Time-->



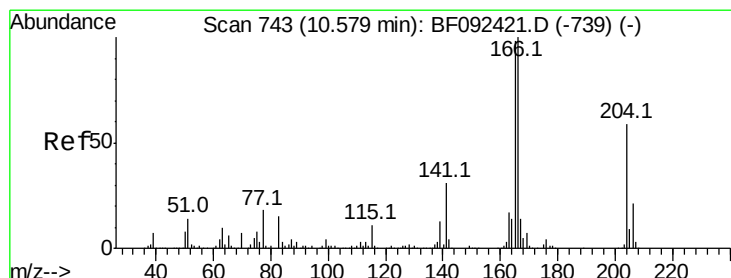
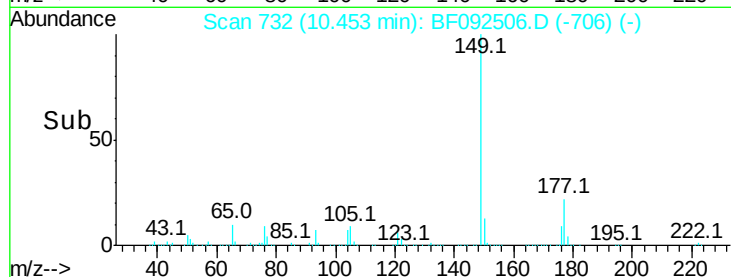
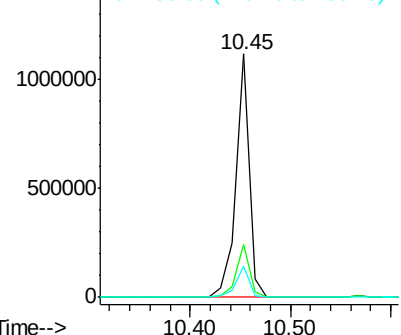
#59
Diethylphthalate
Concen: 50.05 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Instrument :
BNA_F
ClientSampled :
P14-11917MS

Tot Ion:149 Resp: 1024562
Ion Ratio Lower Upper
149 100
177 21.9 16.6 25.0
150 12.8 10.4 15.6

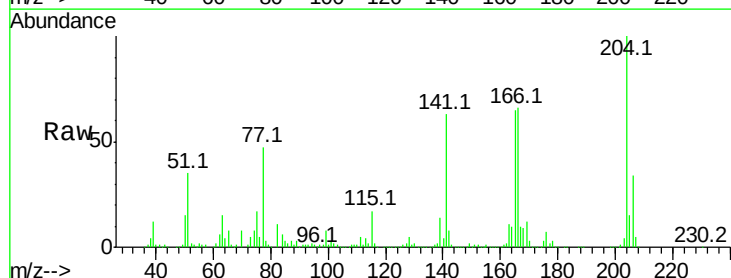


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

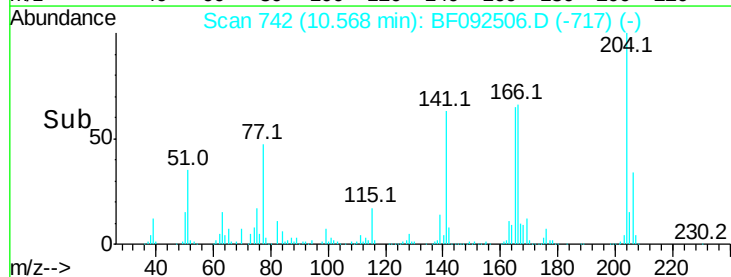
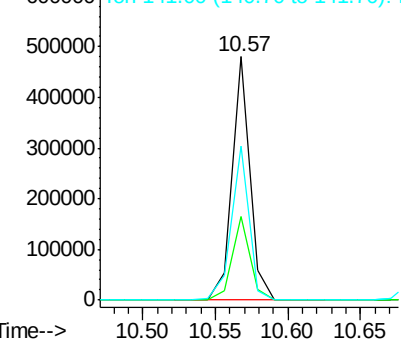


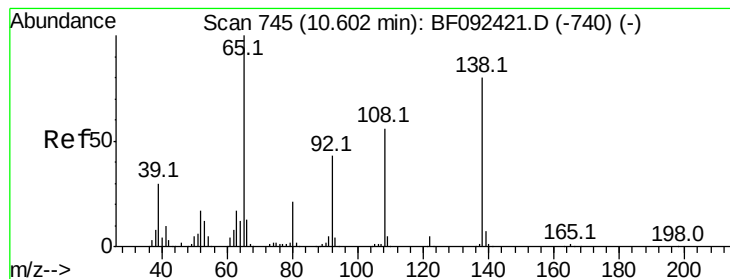
#60
4-Chlorophenyl-phenylether
Concen: 46.40 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF092506.D
Acq: 26 Jan 2017 4:49

Tgt Ion:204 Resp: 409318
Ion Ratio Lower Upper
204 100
206 34.2 25.8 38.6
141 63.3 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 47.34 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

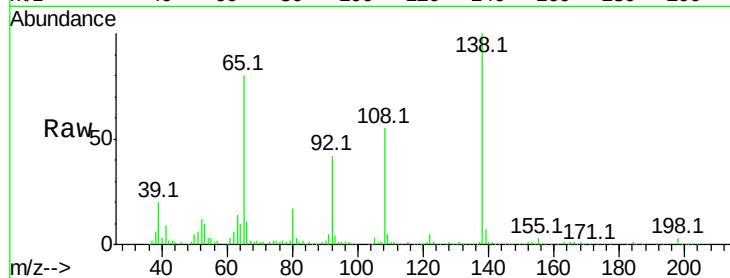
Tot Ion:138 Resp: 258793

Ion Ratio Lower Upper

138 100

92 41.5 31.7 71.7

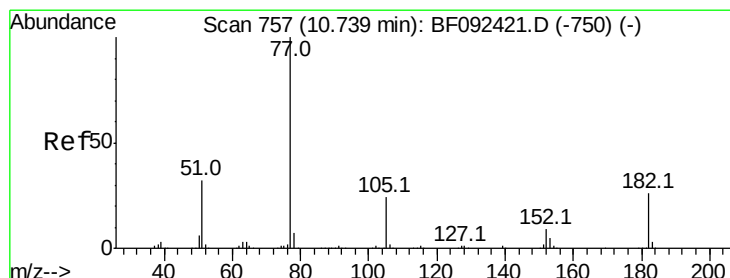
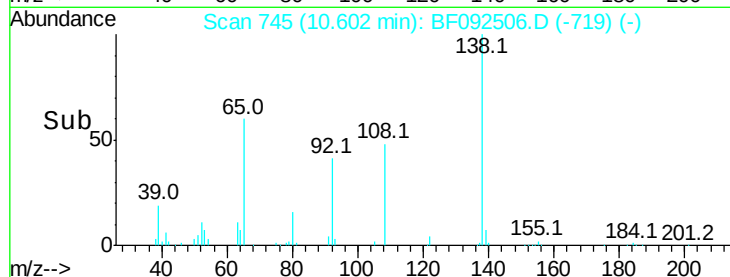
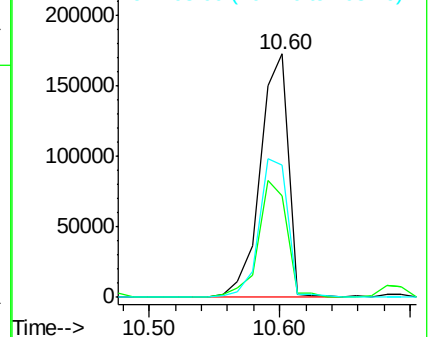
108 54.5 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.10 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Tgt Ion: 77 Resp: 1143808

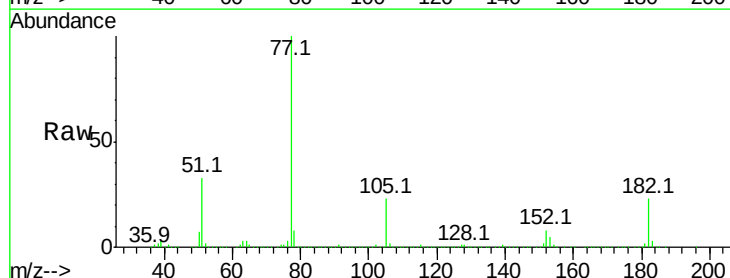
Ion Ratio Lower Upper

77 100

182 22.9 0.0 39.3

105 23.1 2.3 42.3

51 32.9 8.9 48.9

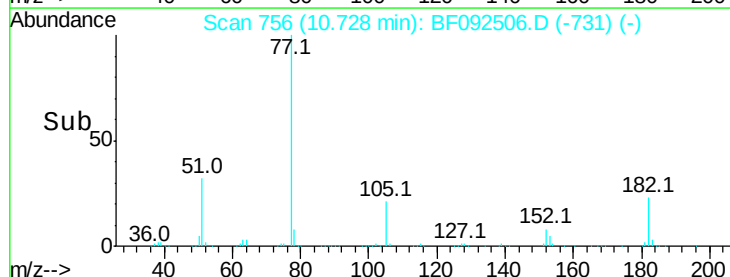
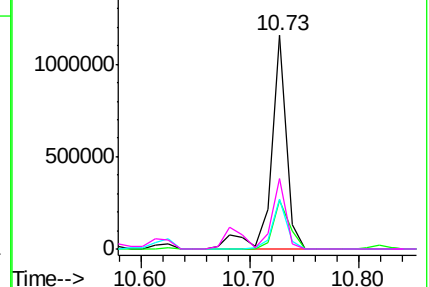


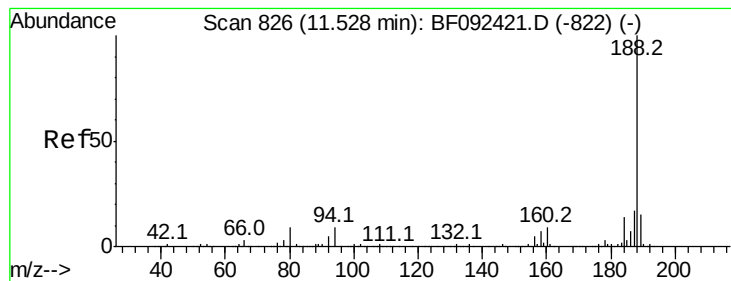
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

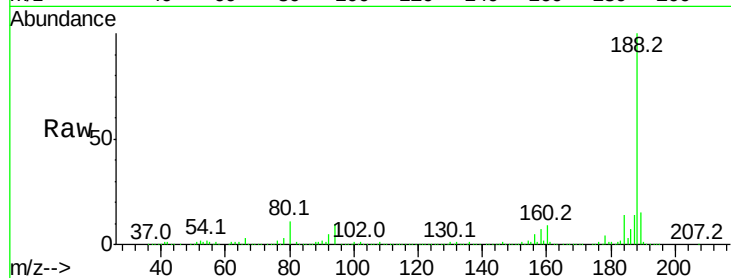
Tot Ion:188 Resp: 575132

Ion Ratio Lower Upper

188 100

94 9.5 10.0 15.0#

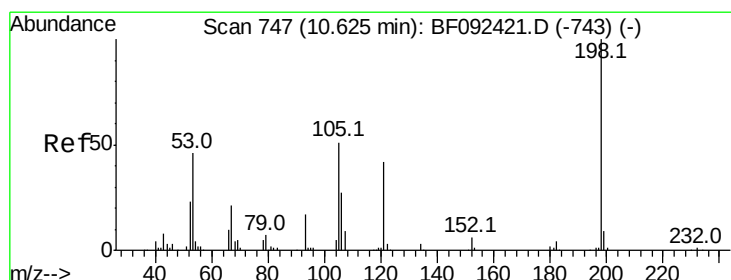
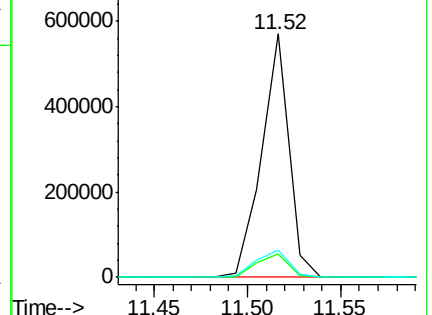
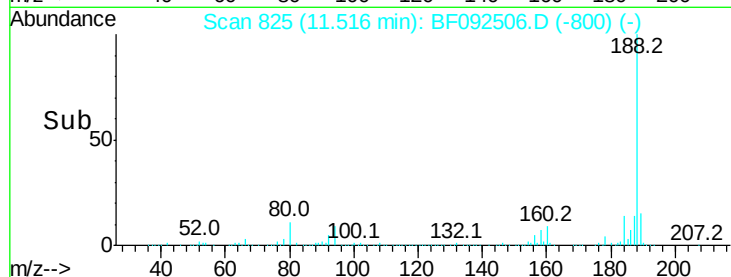
80 11.2 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 49.50 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

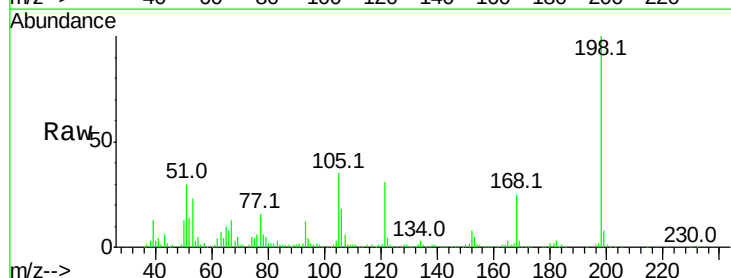
Tgt Ion:198 Resp: 153930

Ion Ratio Lower Upper

198 100

51 30.4 6.7 46.7

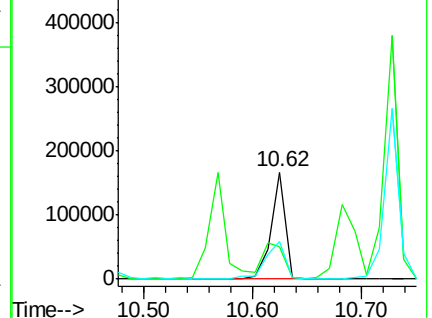
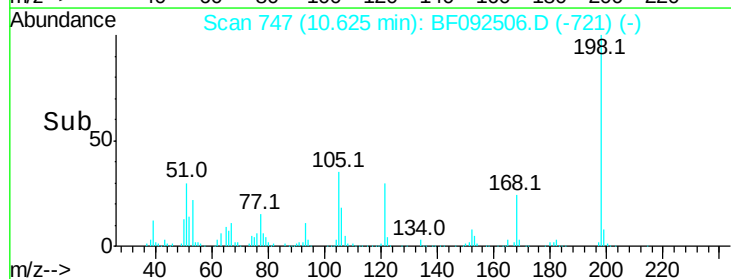
105 35.1 16.6 56.6

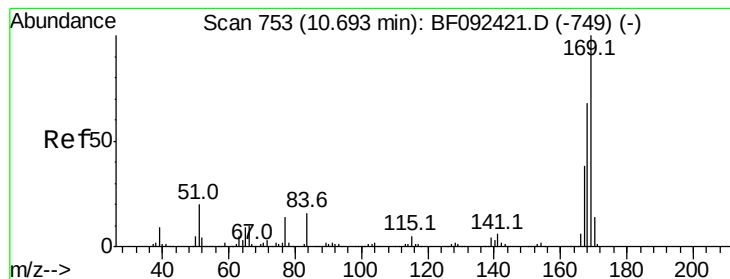


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 51.10 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

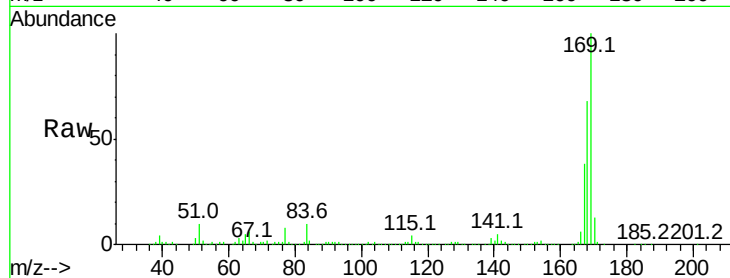
Tot Ion:169 Resp: 917819

Ion Ratio Lower Upper

169 100

168 67.9 54.2 81.2

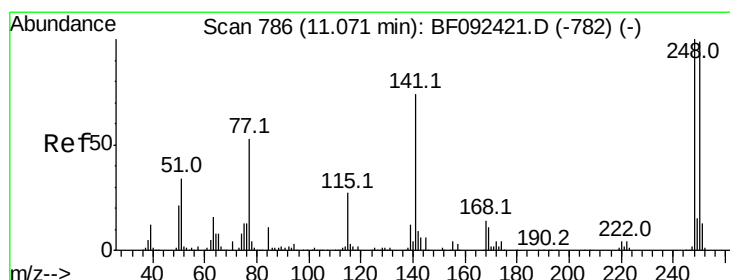
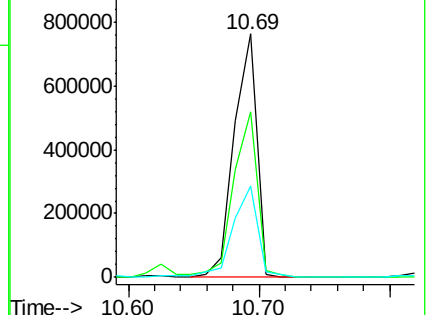
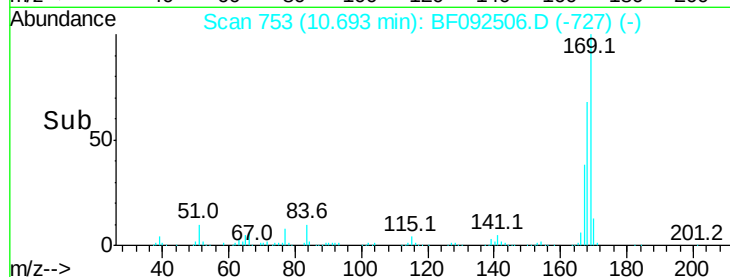
167 37.5 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.76 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

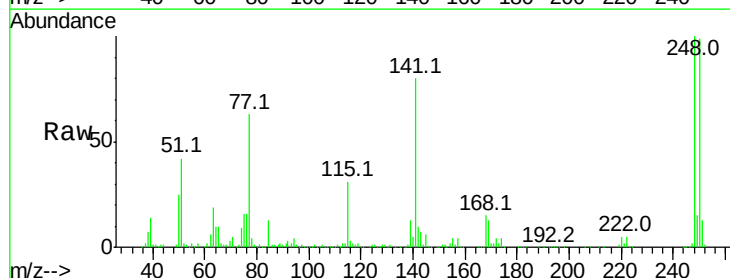
Tgt Ion:248 Resp: 259899

Ion Ratio Lower Upper

248 100

250 99.2 76.9 115.3

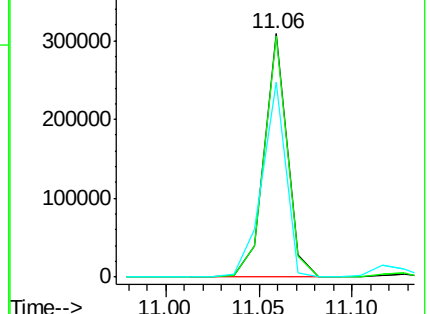
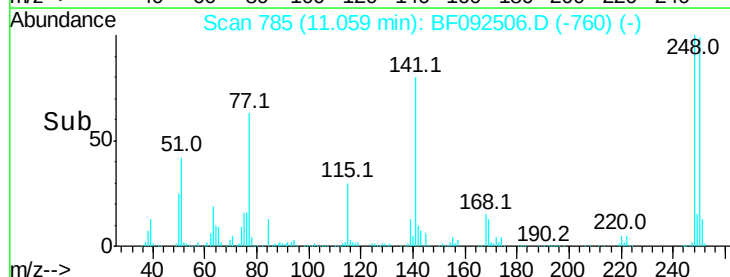
141 80.2 68.2 102.4

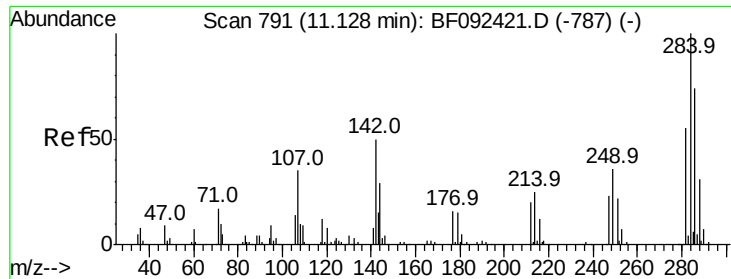


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.09 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

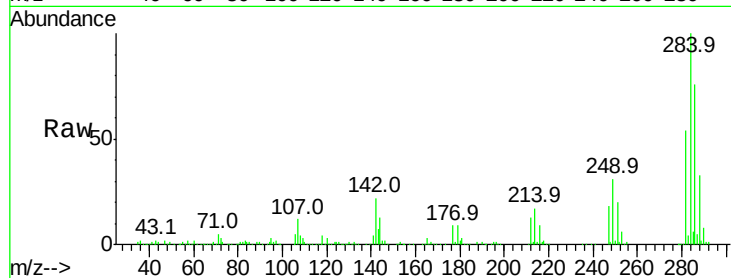
Tot Ion:284 Resp: 282282

Ion Ratio Lower Upper

284 100

142 22.1 22.6 33.8#

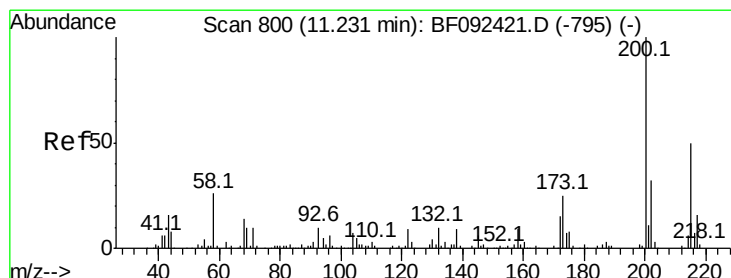
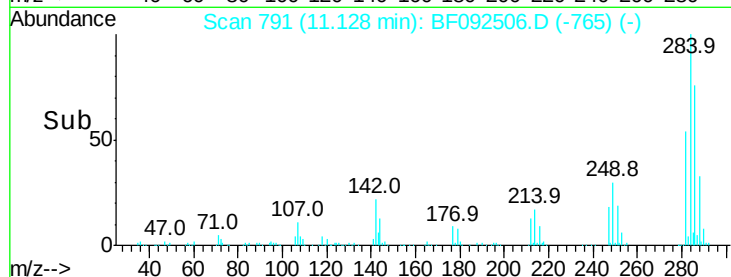
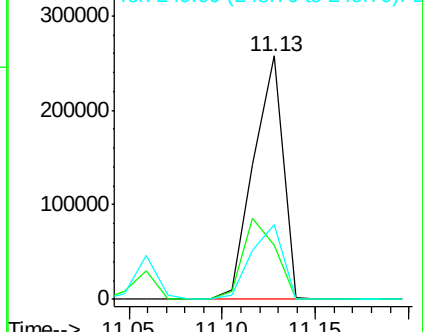
249 30.5 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.47 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

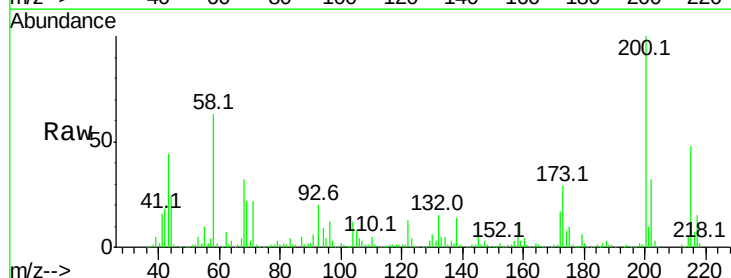
Tgt Ion:200 Resp: 279512

Ion Ratio Lower Upper

200 100

173 28.9 9.6 49.6

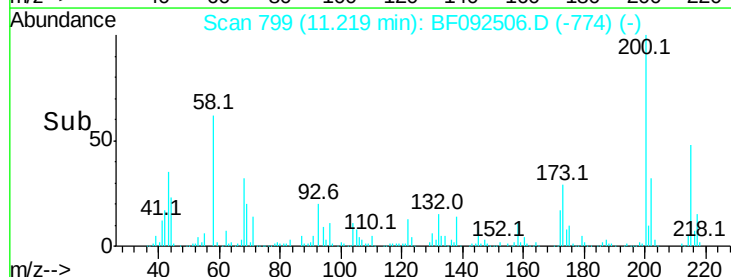
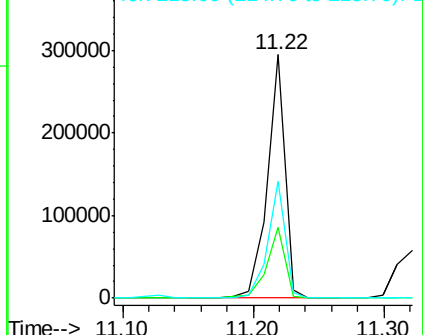
215 48.0 25.7 65.7

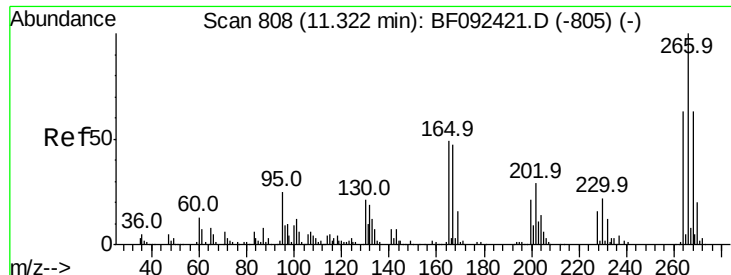


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

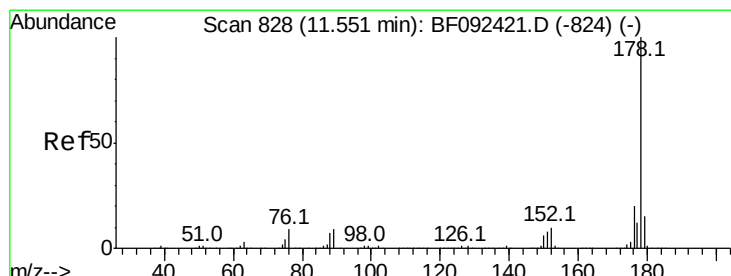
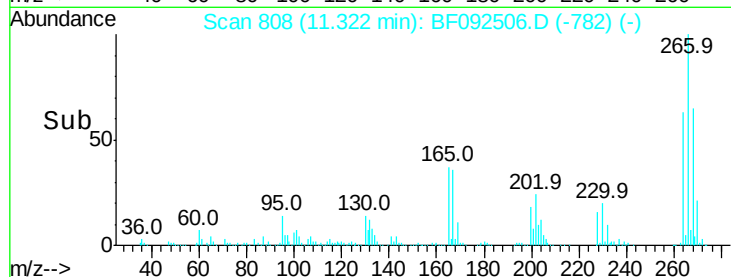
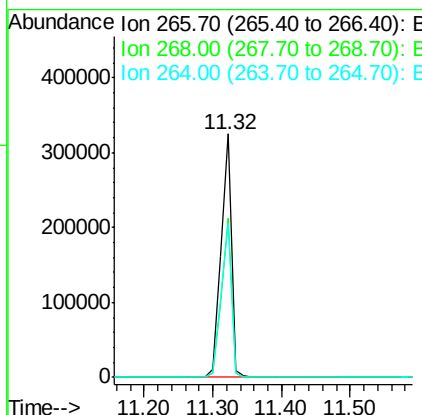
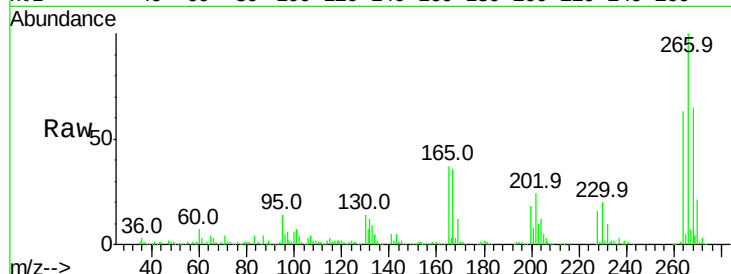




#69
 Pentachlorophenol
 Concen: 94.14 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

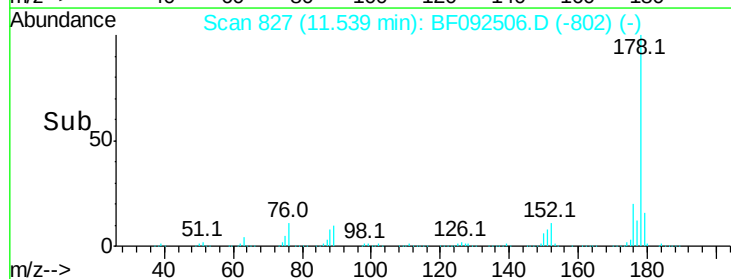
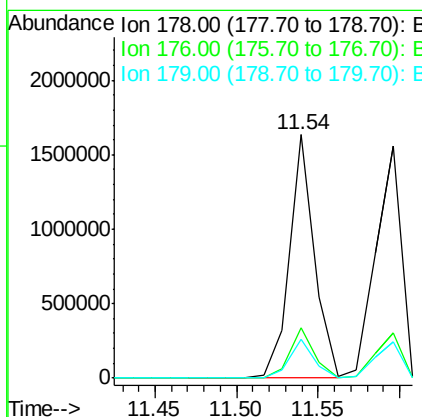
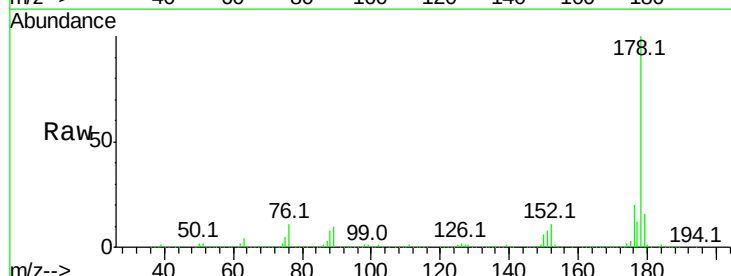
Instrument :
 BNA_F
 ClientSampleId :
 P14-11917MS

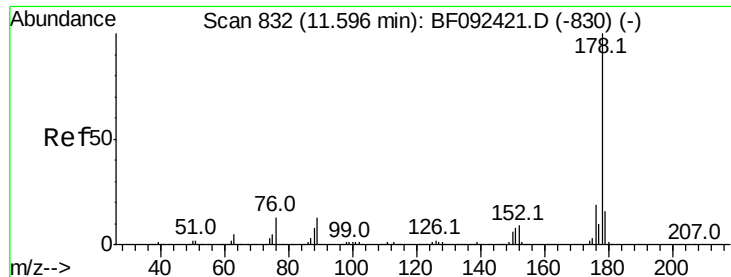
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	53.3	79.9
264	63.1	50.3	75.5



#70
 Phenanthrene
 Concen: 54.87 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.6	25.0
179	16.1	12.8	19.2





#71

Anthracene

Concen: 55.05 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

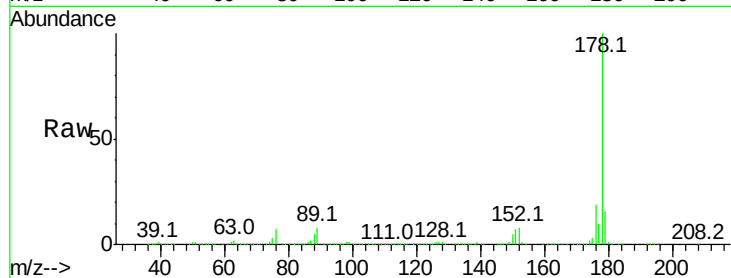
Tot Ion:178 Resp: 1703950

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

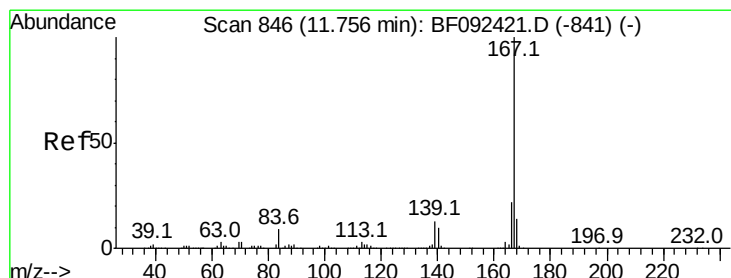
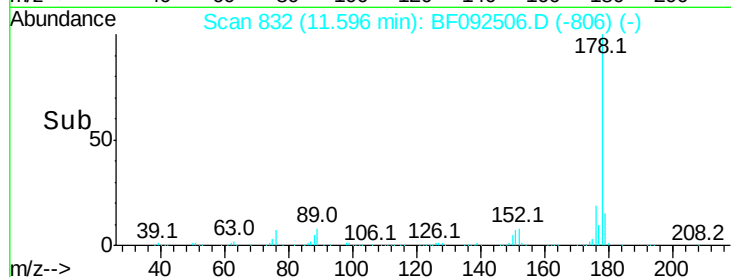
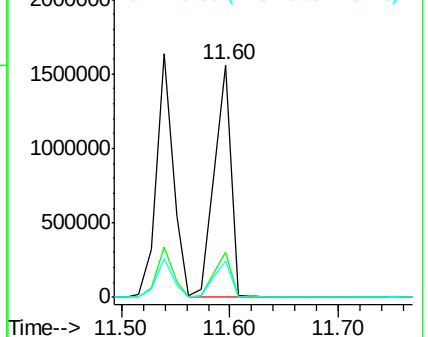
179 15.5 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 47.24 ng

RT: 11.74 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

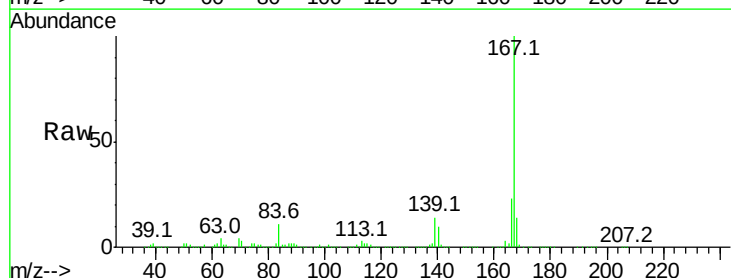
Tgt Ion:167 Resp: 1396171

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

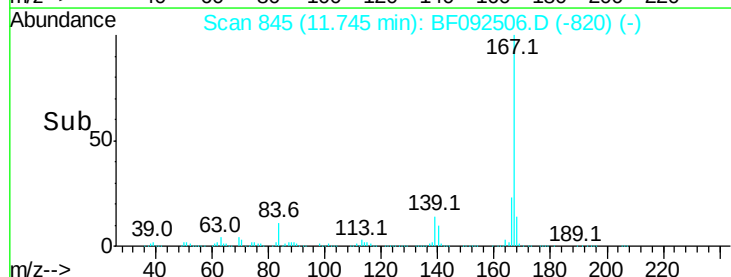
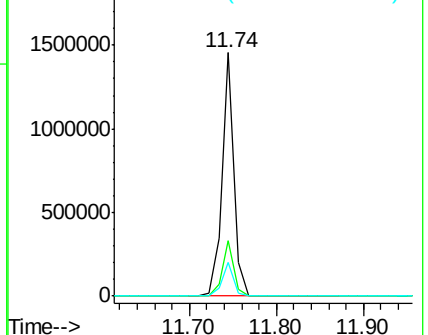
139 13.6 11.4 17.2

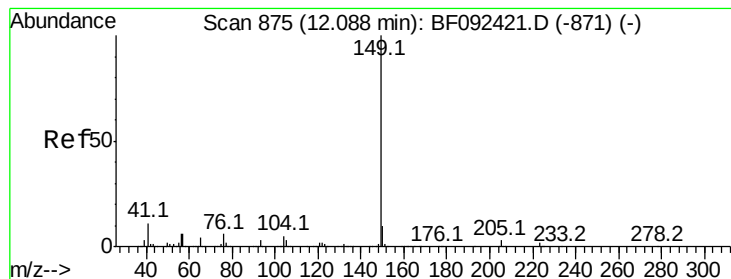


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.28 ng

RT: 12.08 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

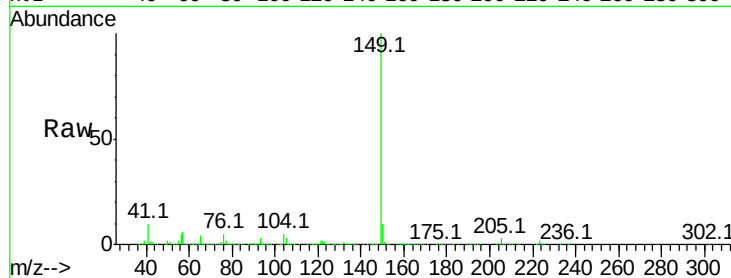
Tot Ion:149 Resp: 1564058

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

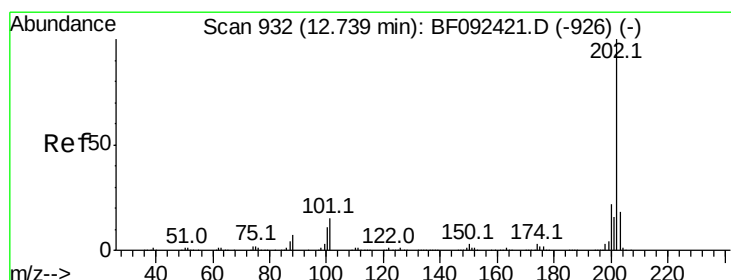
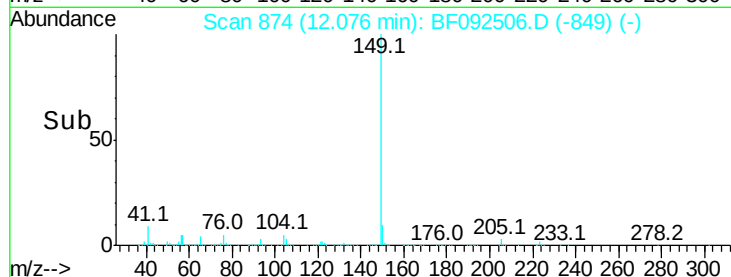
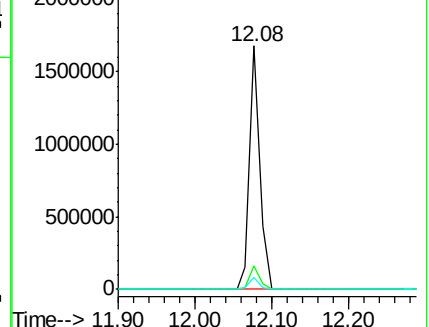
104 4.8 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.99 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

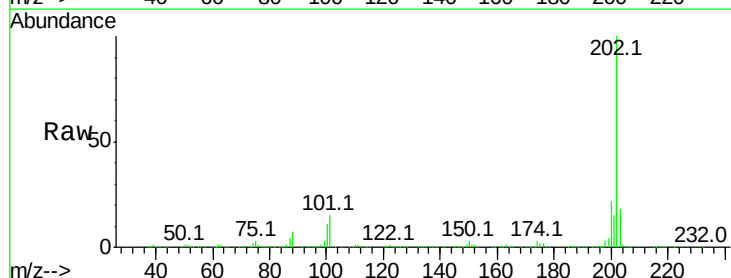
Tgt Ion:202 Resp: 1548839

Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.6

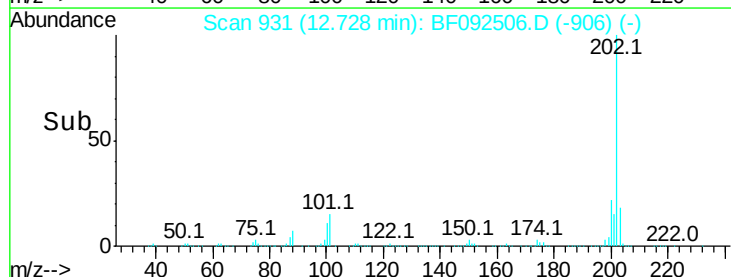
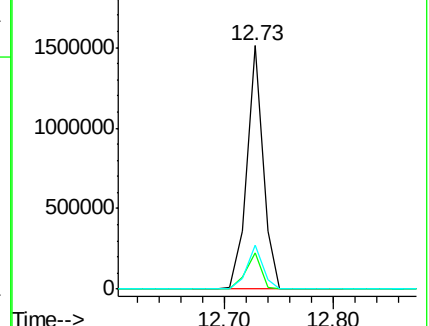
203 18.3 0.0 38.7

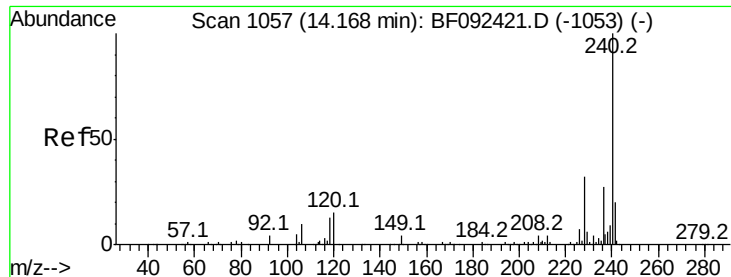


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

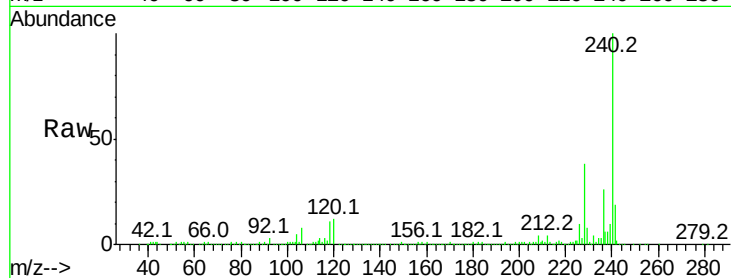
Tot Ion:240 Resp: 407418

Ion Ratio Lower Upper

240 100

120 12.1 12.9 19.3#

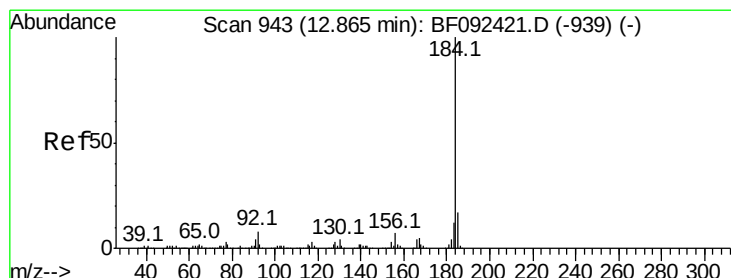
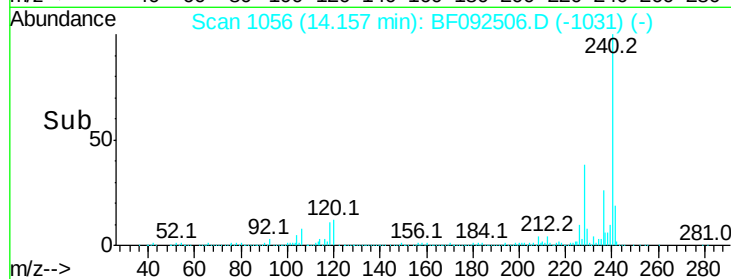
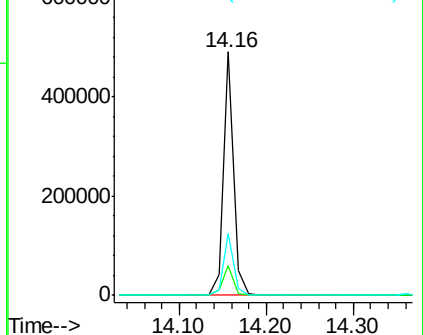
236 25.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.55 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

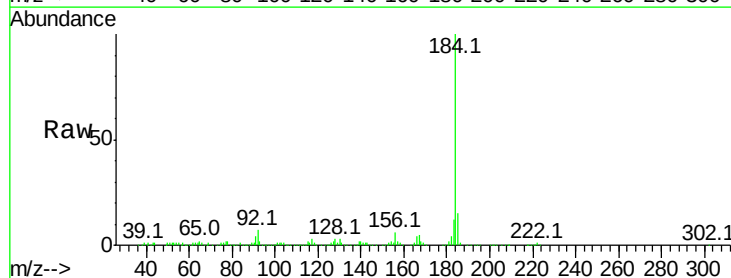
Tgt Ion:184 Resp: 386418

Ion Ratio Lower Upper

184 100

185 14.8 13.4 20.0

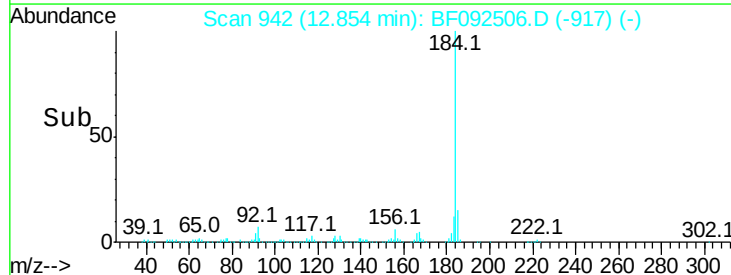
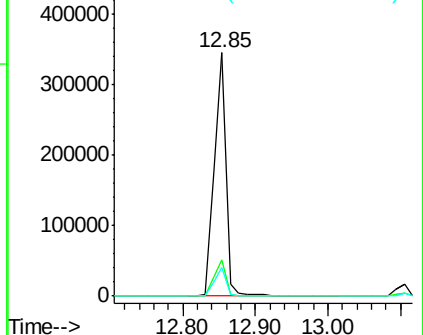
183 11.6 9.2 13.8

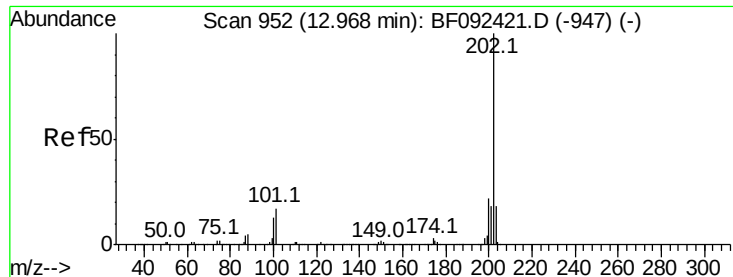


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 54.76 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

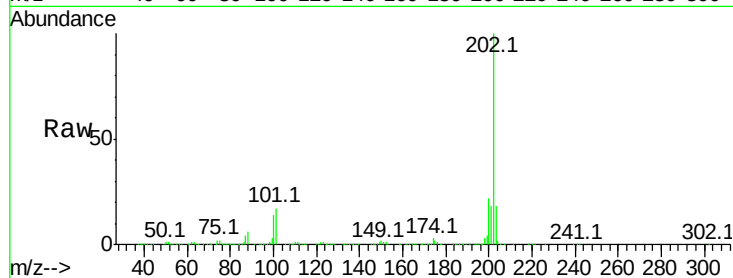
BNA_F

ClientSampleId :

P14-11917MS

Tot Ion:202 Resp: 1616575

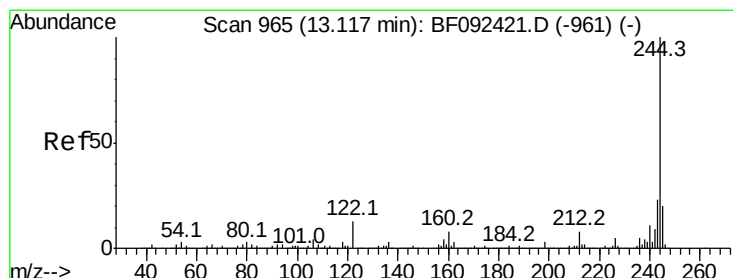
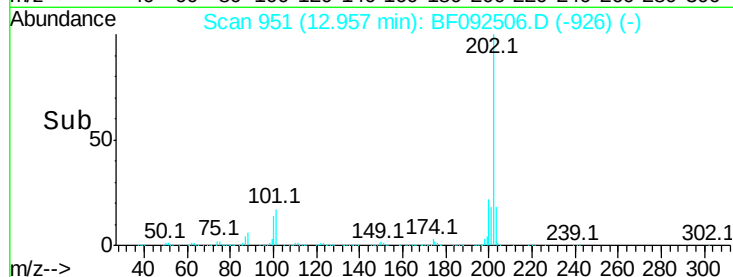
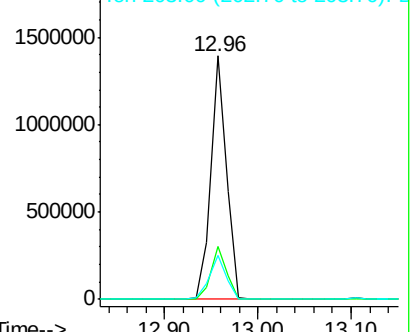
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	18.2	14.7	22.1



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: 93.86 ng

RT: 13.11 min Scan# 964

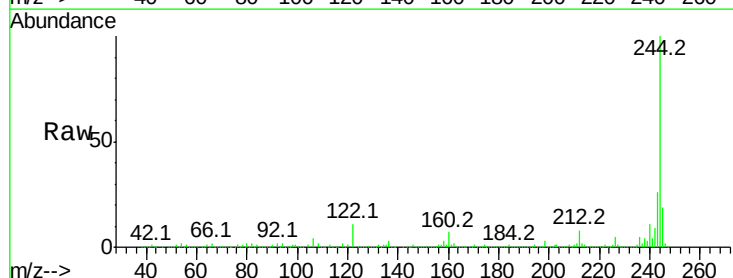
Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Tgt Ion:244 Resp: 1436136

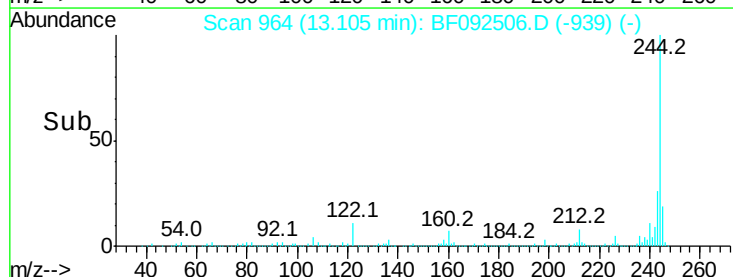
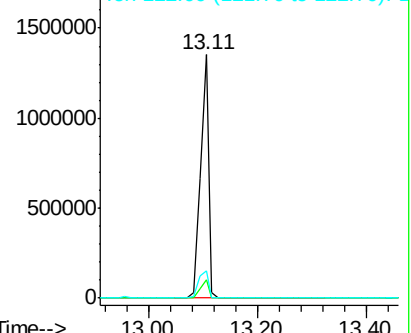
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	11.1	11.4	17.2#

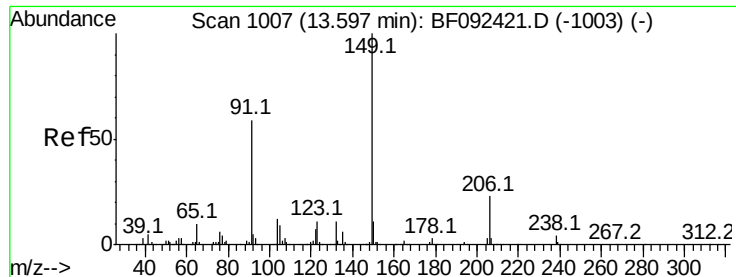


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 57.78 ng

RT: 13.57 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

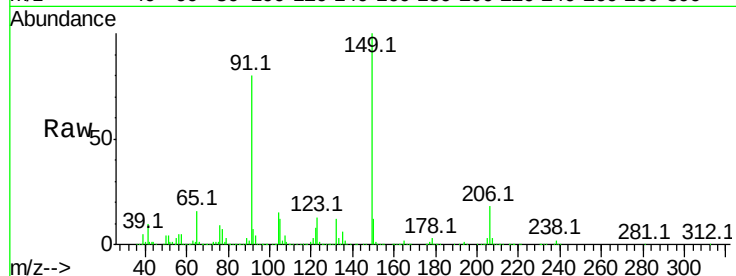
Tot Ion:149 Resp: 691002

Ion Ratio Lower Upper

149 100

91 80.2 63.9 95.9

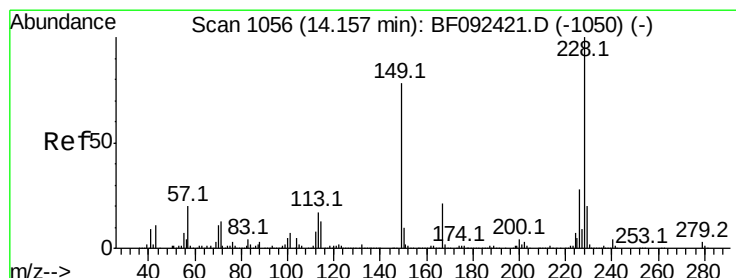
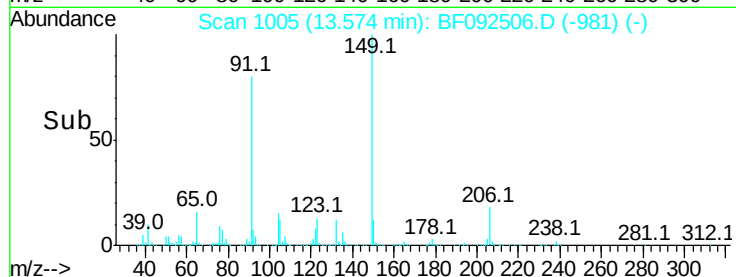
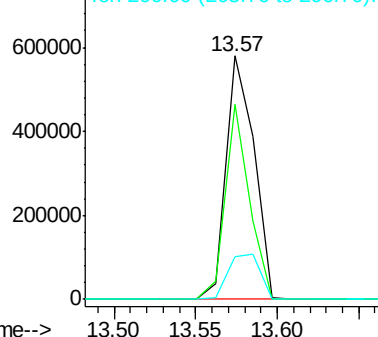
206 17.5 14.6 21.8



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: 51.39 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

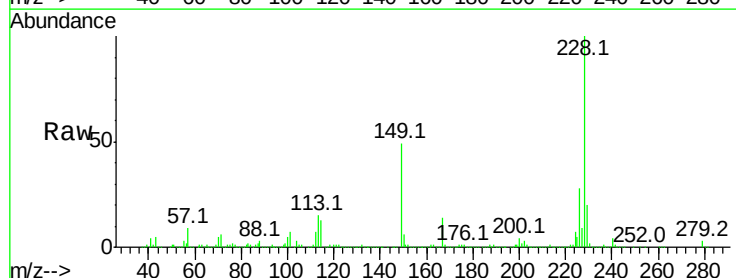
Tgt Ion:228 Resp: 1125161

Ion Ratio Lower Upper

228 100

226 27.9 22.4 33.6

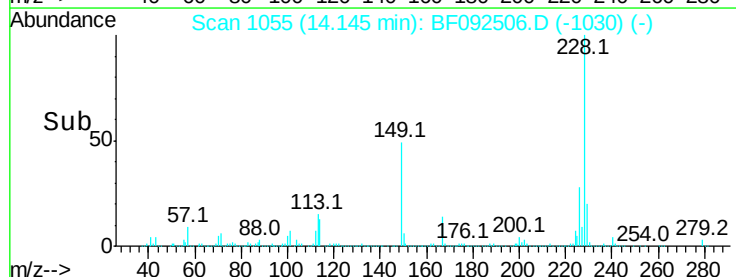
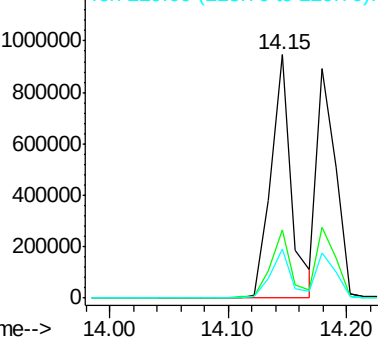
229 20.2 16.2 24.4

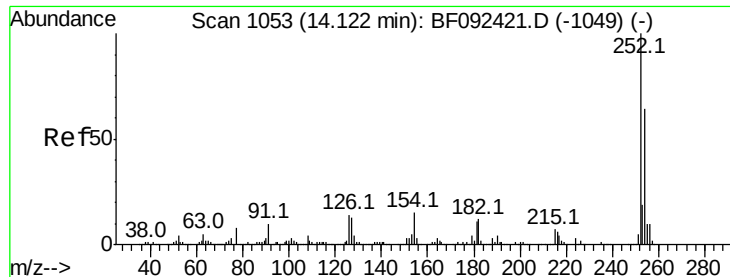


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

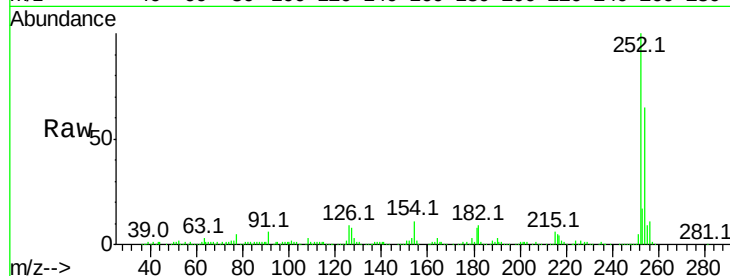




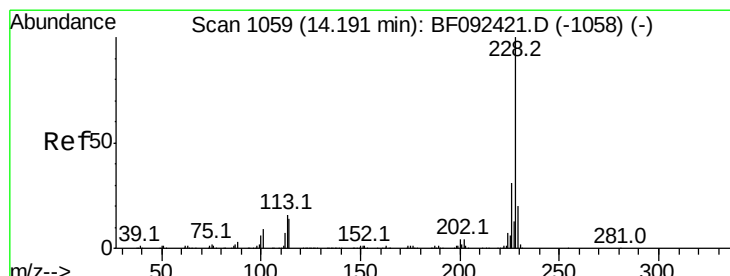
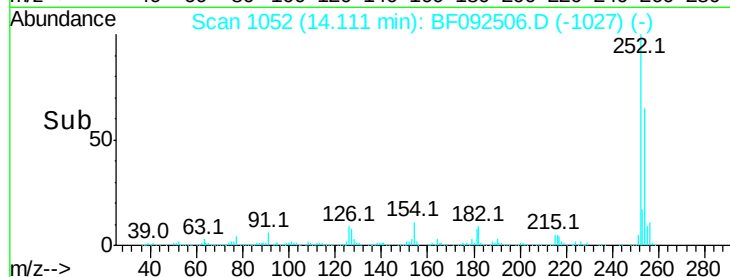
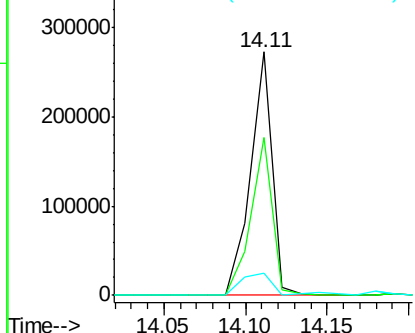
#81
 3,3'-Dichlorobenzidine
 Concen: 30.25 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Instrument :
 BNA_F
 ClientSampleId :
 P14-11917MS

Tot Ion:252 Resp: 251447
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.3 78.5
 126 9.2 13.6 20.4#

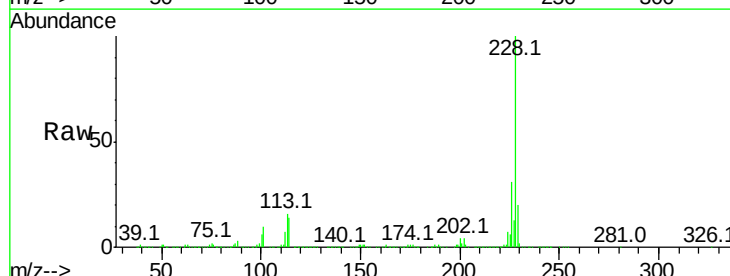


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

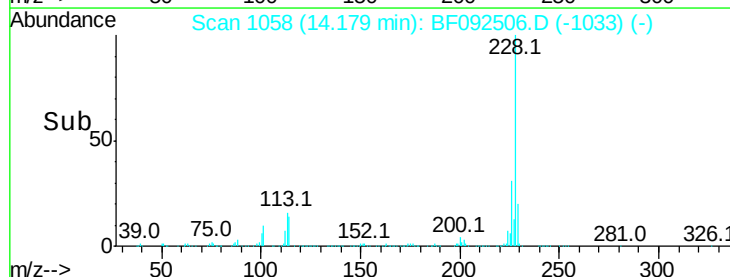
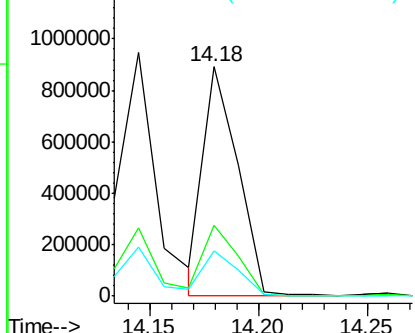


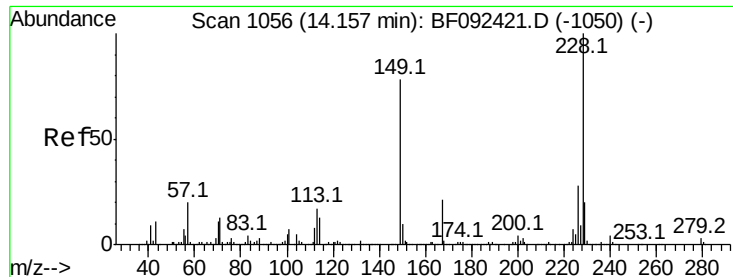
#82
 Chrysene
 Concen: 41.38 ng
 RT: 14.18 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Tgt Ion:228 Resp: 967670
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.4 38.0
 229 19.9 16.2 24.2



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

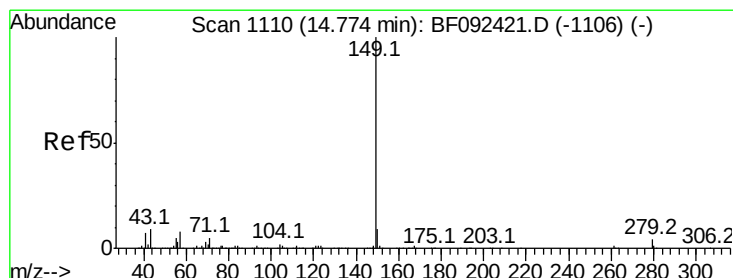
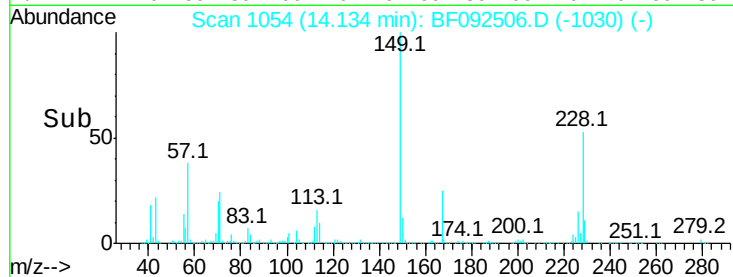
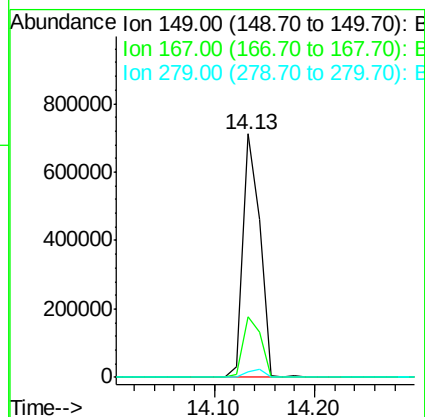
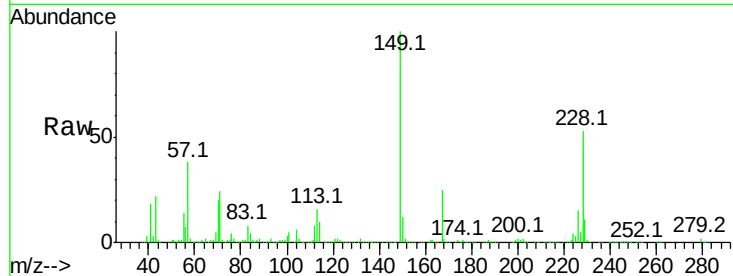




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.50 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

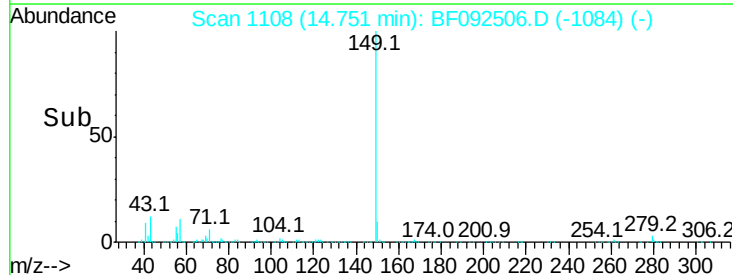
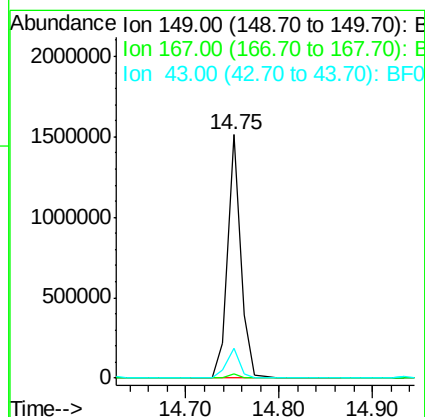
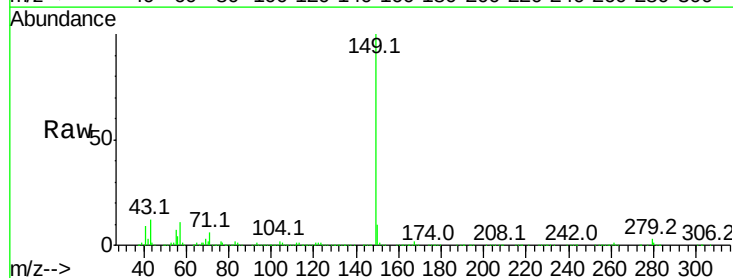
Instrument :
 BNA_F
 ClientSampleId :
 P14-11917MS

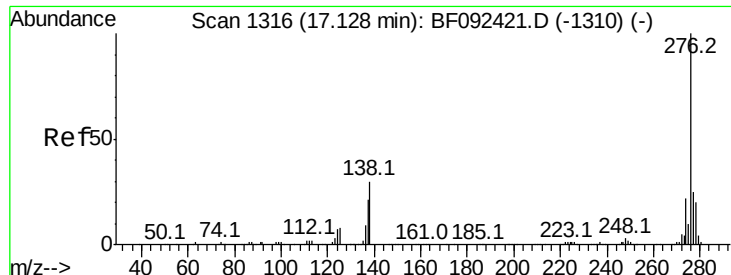
Tot Ion:149 Resp: 835961
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.2 30.4
 279 2.1 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 53.96 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Tgt Ion:149 Resp: 1475278
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.0 8.9 13.3

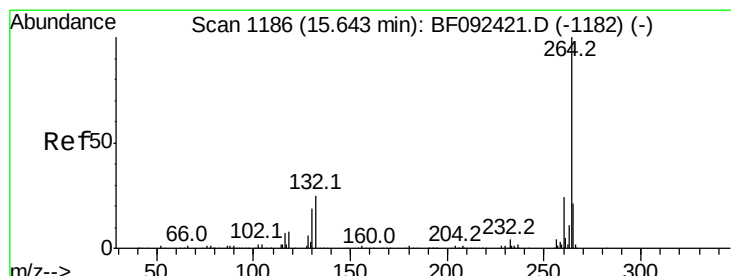
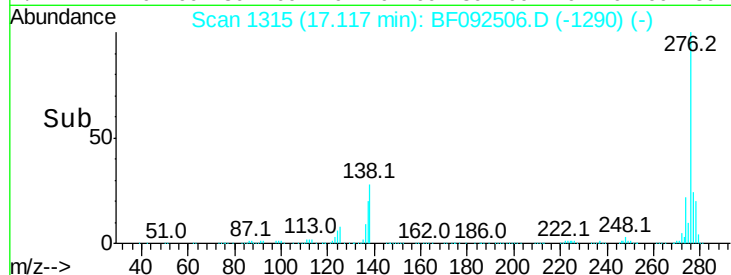
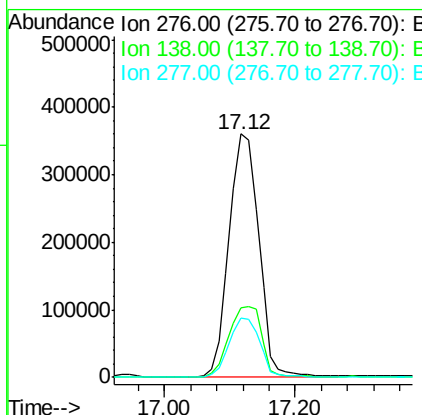
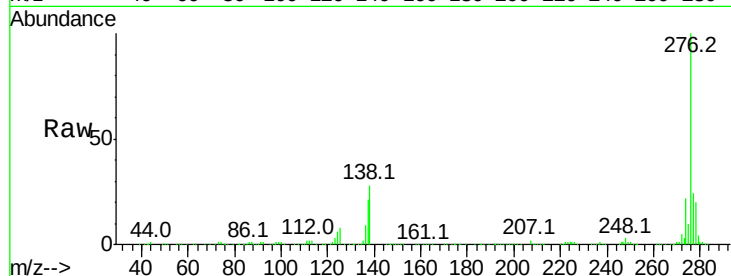




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 66.02 ng
 RT: 17.12 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

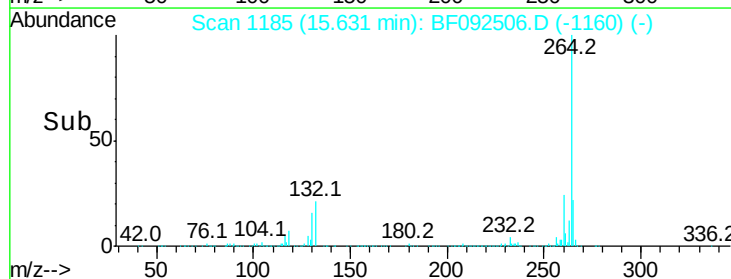
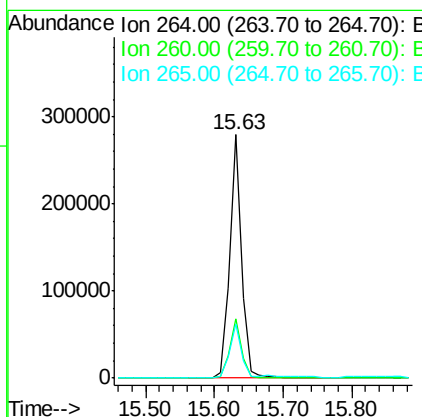
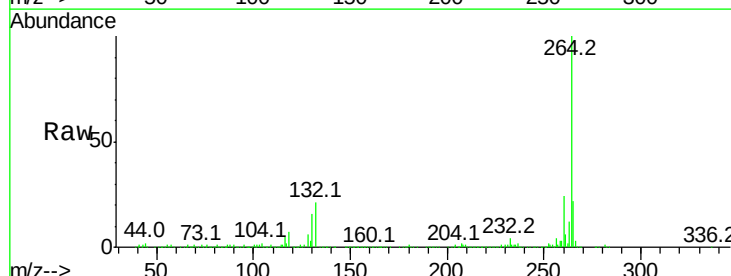
Instrument :
 BNA_F
 ClientSampleId :
 P14-11917MS

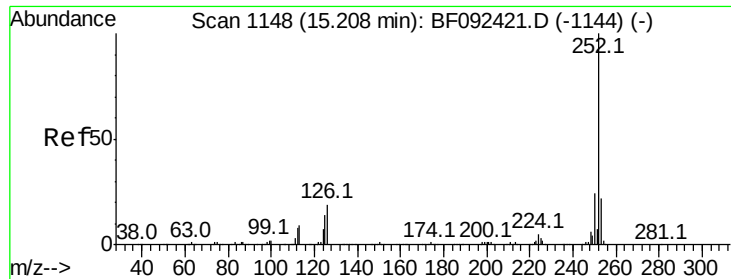
Tot Ion:276 Resp: 1142231
 Ion Ratio Lower Upper
 276 100
 138 31.9 21.8 32.6
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Tgt Ion:264 Resp: 344117
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 22.0 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 57.58 ng m

RT: 15.20 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

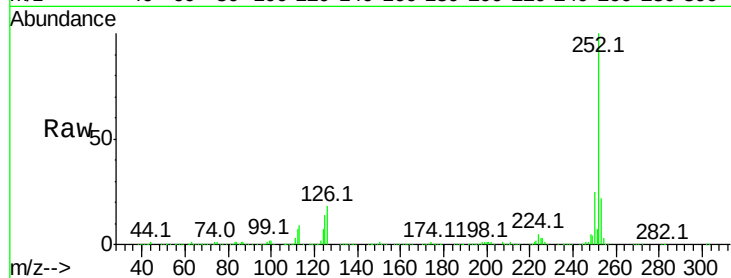
Tot Ion:252 Resp: 1272038

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

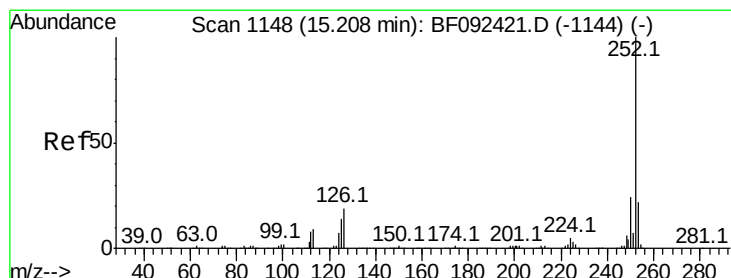
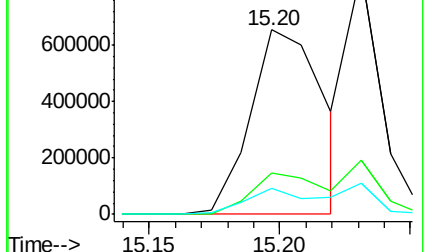
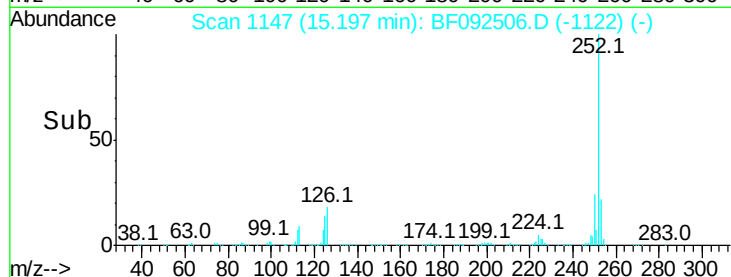
125 14.0 9.8 14.6



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



#88

Benzo(k)fluoranthene

Concen: 41.88 ng m

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

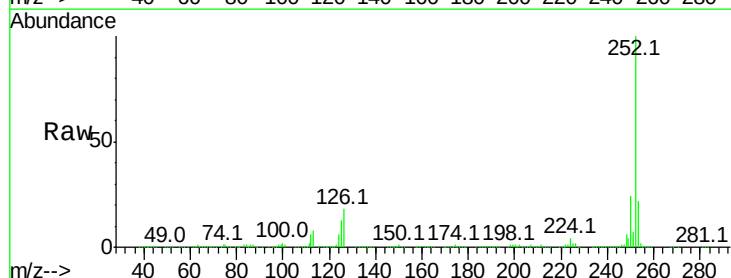
Tgt Ion:252 Resp: 769323

Ion Ratio Lower Upper

252 100

253 22.2 18.5 27.7

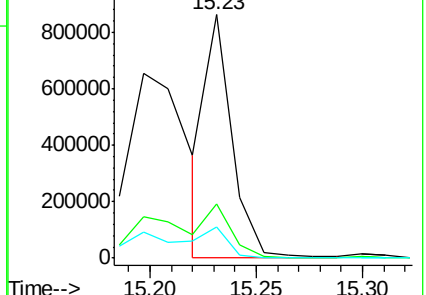
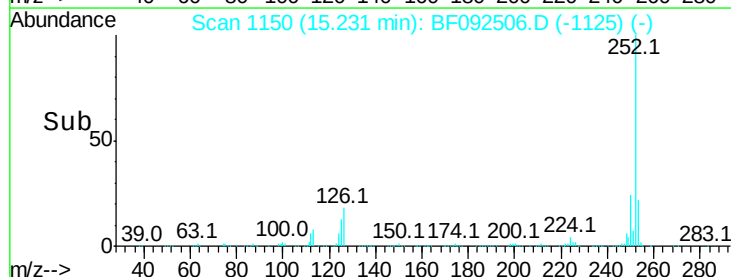
125 12.6 8.9 13.3

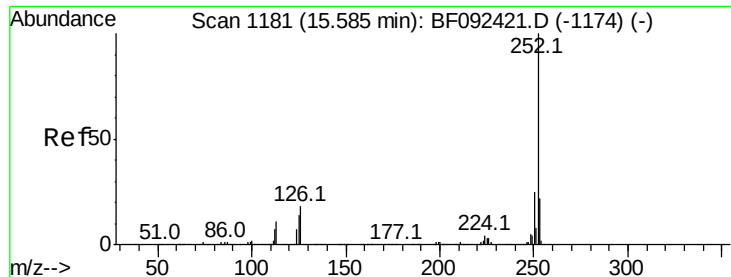


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 53.21 ng

RT: 15.57 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

Instrument :

BNA_F

ClientSampleId :

P14-11917MS

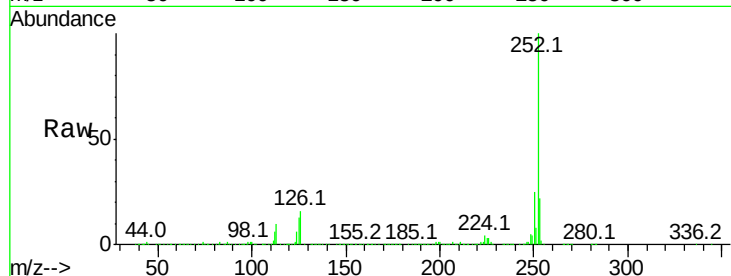
Tot Ion:252 Resp: 994387

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

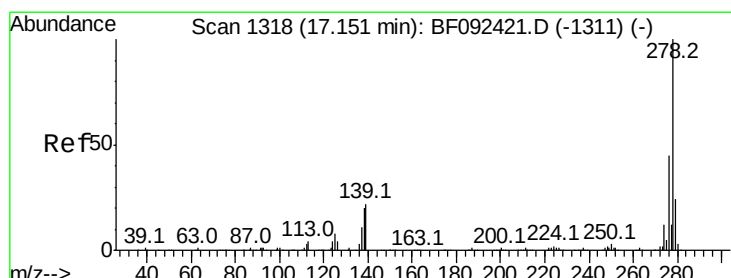
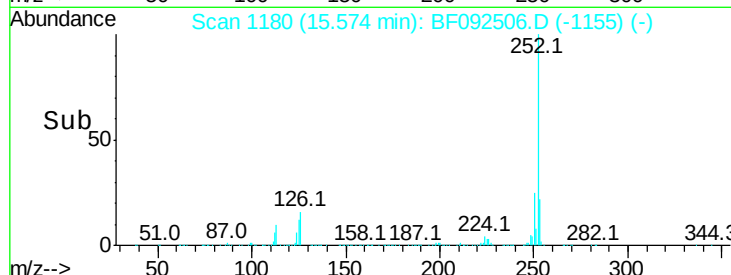
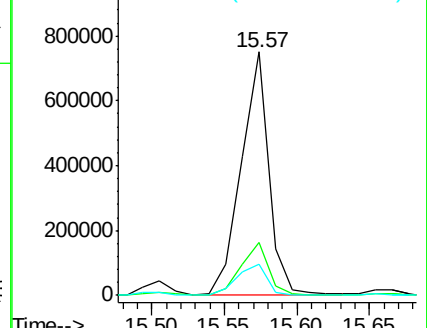
125 12.5 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 61.63 ng

RT: 17.14 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF092506.D

Acq: 26 Jan 2017 4:49

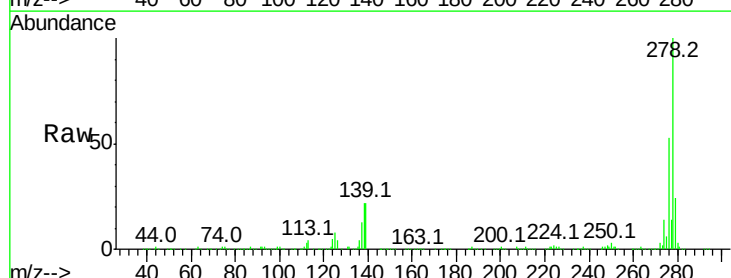
Tgt Ion:278 Resp: 931319

Ion Ratio Lower Upper

278 100

139 22.2 14.8 22.2

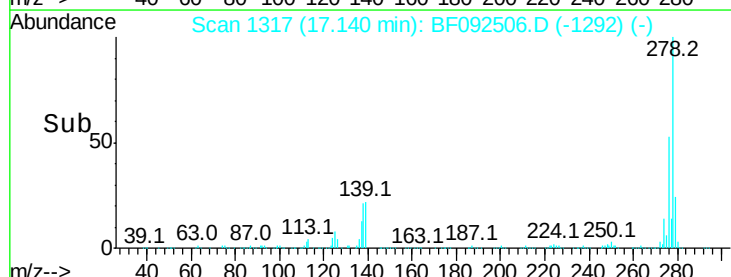
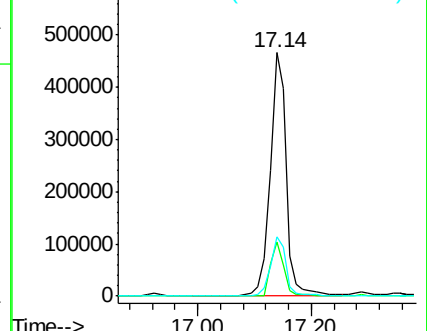
279 24.1 19.8 29.6

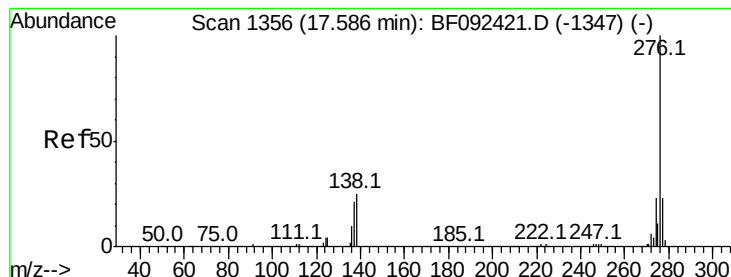


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

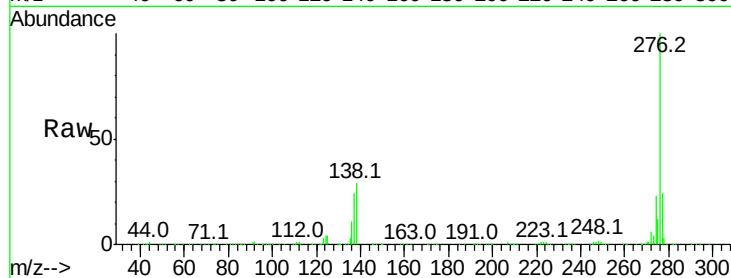




#91
 Benzo(a,h,i)perylene
 Concen: 64.68 ng
 RT: 17.57 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF092506.D
 Acq: 26 Jan 2017 4:49

Instrument :
 BNA_F
 ClientSampleId :
 P14-11917MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	29.1	16.0	24.0



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

