

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092718.D
 Acq On : 1 Feb 2017 21:36
 Operator : SJ/MA
 Sample : I1597-16MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMS

Quant Time: Feb 02 00:20:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	165258	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	640049	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	335181	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	522531	20.00	ng	0.00
75) Chrysene-d12	14.13	240	312143	20.00	ng	-0.01
86) Perylene-d12	15.60	264	308938	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1565440	162.52	ng	0.00
7) Phenol-d6	6.60	99	1933858	156.03	ng	0.00
23) Nitrobenzene-d5	7.52	82	1148647	99.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	301882	124.53	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1831167	98.98	ng	-0.01
78) Terphenyl-d14	13.07	244	1265554	95.26	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.66	88	258172	49.60	ng	# 85
3) Pyridine	3.40	79	704774	53.25	ng	87
4) n-Nitrosodimethylamine	3.38	42	390151	62.78	ng	87
6) Aniline	6.61	93	363531	21.50	ng	# 26
8) 2-Chlorophenol	6.74	128	576262	54.23	ng	100
9) Benzaldehyde	6.49	77	210298	23.68	ng	87
10) Phenol	6.61	94	926305	63.88	ng	# 75
11) bis(2-Chloroethyl)ether	6.68	93	600321	51.87	ng	91
12) 1,3-Dichlorobenzene	6.89	146	623564m	50.10	ng	
13) 1,4-Dichlorobenzene	6.97	146	669994	53.18	ng	95
14) 1,2-Dichlorobenzene	7.12	146	566083	46.99	ng	98
15) Benzyl Alcohol	7.09	79	475849	51.86	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	1061410	52.79	ng	94
17) 2-Methylphenol	7.22	107	488947	53.63	ng	97
18) Hexachloroethane	7.46	117	213459	49.64	ng	92
19) n-Nitroso-di-n-propylamine	7.37	70	396381	50.24	ng	96
20) 3+4-Methylphenols	7.37	107	546437	50.13	ng	97
22) Acetophenone	7.36	105	793085	54.27	ng	# 95
24) Nitrobenzene	7.54	77	704855	59.72	ng	92
25) Isophorone	7.78	82	1194457	55.77	ng	99
26) 2-Nitrophenol	7.86	139	317559	56.60	ng	# 77
27) 2,4-Dimethylphenol	7.89	122	481659	48.89	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	706772	49.83	ng	99
29) 2,4-Dichlorophenol	8.10	162	476319	51.84	ng	90
30) 1,2,4-Trichlorobenzene	8.18	180	512128	51.72	ng	94
31) Naphthalene	8.26	128	1515378	46.71	ng	99
32) Benzoic acid	8.01	122	158884	31.38	ng	92
33) 4-Chloroaniline	8.32	127	83558	6.57	ng	99
34) Hexachlorobutadiene	8.37	225	254400	46.70	ng	99
35) Caprolactam	8.68	113	150761	52.16	ng	# 29
36) 4-Chloro-3-methylphenol	8.81	107	501590	52.36	ng	99
37) 2-Methylnaphthalene	8.96	142	1067585	51.25	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	466476	49.58	ng	99
40) Hexachlorocyclopentadiene	9.10	237	377402	88.91	ng	96

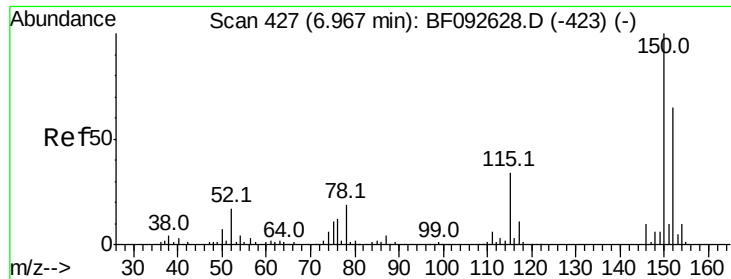
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	344905	55.79	nq	94
43) 2,4,5-Trichlorophenol	9.29	196	353436	52.18	nq #	83
45) 1,1'-Biphenyl	9.42	154	1343820	55.37	nq	100
46) 2-Chloronaphthalene	9.45	162	1007352	53.06	nq	99
47) 2-Nitroaniline	9.55	65	343675	53.84	nq #	70
48) Acenaphthylene	9.86	152	1543886	47.07	nq	98
49) Dimethylphthalate	9.72	163	1502201	66.54	nq	99
50) 2,6-Dinitrotoluene	9.79	165	280114	57.45	nq	94
51) Acenaphthene	10.03	154	976185	49.78	nq	97
52) 3-Nitroaniline	9.96	138	111682	20.02	nq #	73
53) 2,4-Dinitrophenol	10.06	184	201925	81.33	nq #	70
54) Dibenzofuran	10.21	168	1383974	52.77	nq	90
55) 4-Nitrophenol	10.13	139	348072	86.61	nq	93
56) 2,4-Dinitrotoluene	10.19	165	301381	46.43	nq	93
57) Fluorene	10.56	166	1004832	49.80	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.33	232	239734	53.05	nq	98
59) Diethylphthalate	10.43	149	1101443	51.77	nq	94
60) 4-Chlorophenyl-phenylether	10.54	204	474761	48.97	nq #	82
61) 4-Nitroaniline	10.58	138	260856	45.64	nq	95
62) Azobenzene	10.70	77	1291136	58.74	nq	94
64) 4,6-Dinitro-2-methylphenol	10.60	198	160881	50.44	nq #	67
65) n-Nitrosodiphenylamine	10.67	169	902168	54.05	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	283895	52.00	nq #	88
67) Hexachlorobenzene	11.10	284	283706	52.59	nq #	91
68) Atrazine	11.20	200	295228	55.11	nq	95
69) Pentachlorophenol	11.30	266	268893	95.06	nq	97
70) Phenanthrene	11.52	178	1360261	45.44	nq	99
71) Anthracene	11.57	178	1533133	51.00	nq	98
72) Carbazole	11.72	167	1226146	42.67	nq	100
73) Di-n-butylphthalate	12.05	149	1675614	53.91	nq #	97
74) Fluoranthene	12.71	202	1339665	43.38	nq	97
76) Benzidine	12.82	184	228637	17.19	nq	97
77) Pyrene	12.93	202	1342884	57.49	nq	99
79) Butylbenzylphthalate	13.55	149	615794	64.92	nq #	77
80) Benzo(a)anthracene	14.12	228	1002446	52.51	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	203556	29.91	nq	97
82) Chrysene	14.16	228	990443	55.41	nq	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	758192	58.44	nq	98
84) Di-n-octyl phthalate	14.72	149	1249707	59.16	nq	99
85) Indeno(1,2,3-cd)pyrene	17.07	276	1068501	77.17	nq #	93
87) Benzo(b)fluoranthene	15.16	252	1104309m	54.31	nq	
88) Benzo(k)fluoranthene	15.20	252	690599m	39.33	nq	
89) Benzo(a)pyrene	15.54	252	894889	50.88	nq #	96
90) Dibenzo(a,h)anthracene	17.09	278	892502	62.78	nq	98
91) Benzo(g,h,i)perylene	17.53	276	945705	65.85	nq #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMS

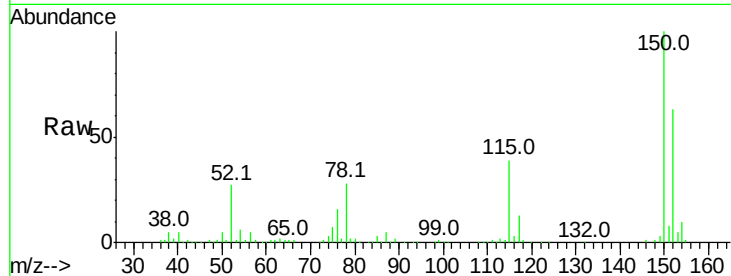
Tot Ion:152 Resp: 165258

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

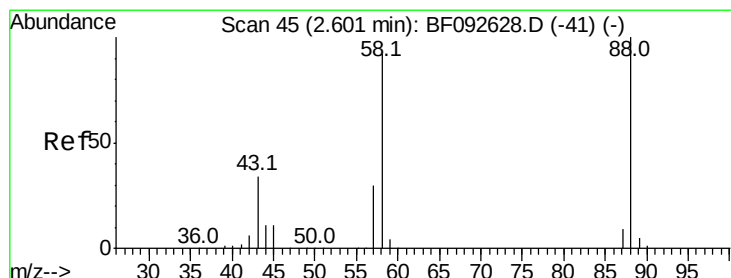
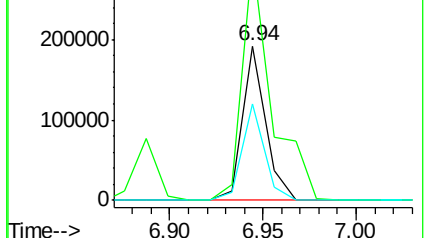
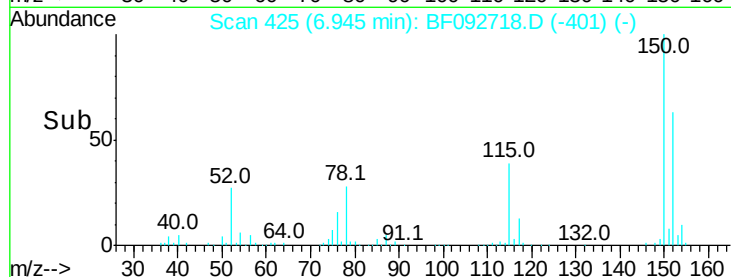
115 62.2 46.0 69.0



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: 49.60 ng

RT: 2.66 min Scan# 50

Delta R.T. 0.06 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

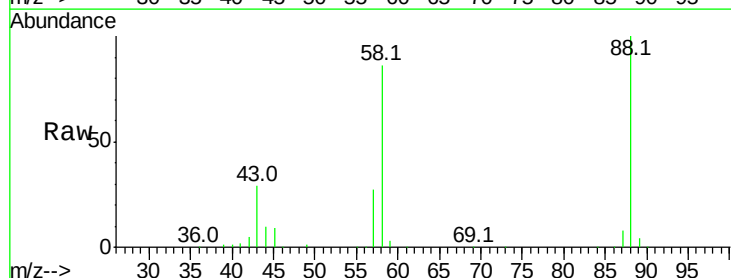
Tgt Ion: 88 Resp: 258172

Ion Ratio Lower Upper

88 100

58 87.9 57.8 86.8#

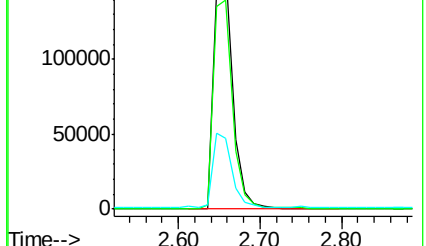
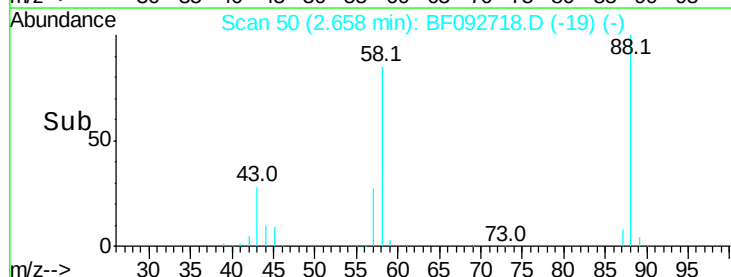
43 30.8 22.3 33.5

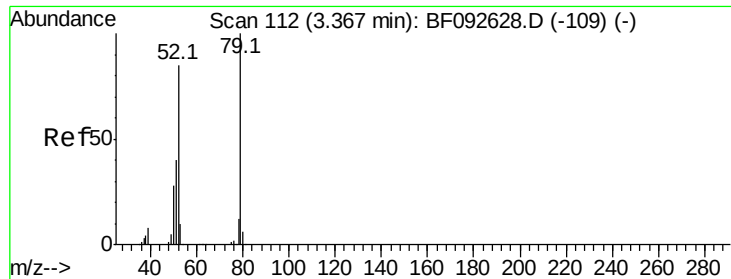


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 53.25 ng

RT: 3.40 min Scan# 115

Delta R.T. 0.03 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMS

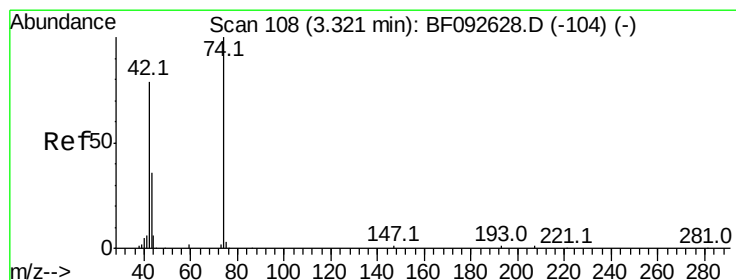
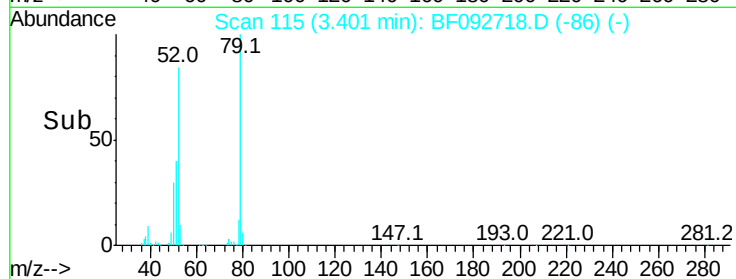
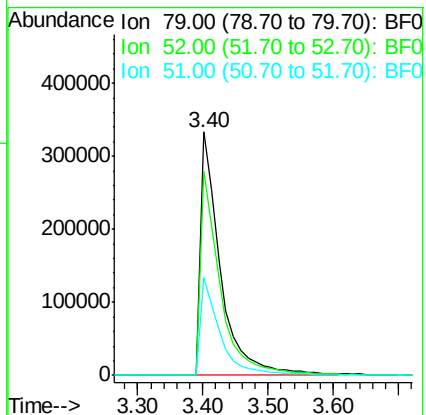
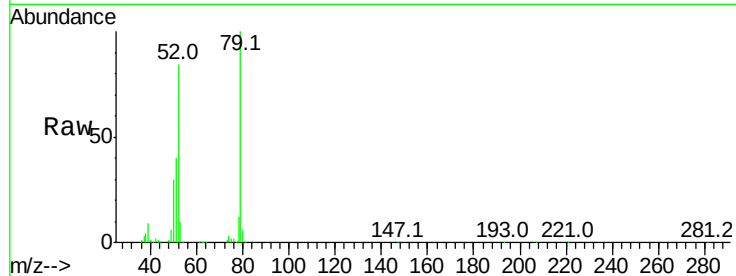
Tot Ion: 79 Resp: 704774

Ion Ratio Lower Upper

79 100

52 83.6 57.1 85.7

51 39.9 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 62.78 ng

RT: 3.38 min Scan# 113

Delta R.T. 0.06 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

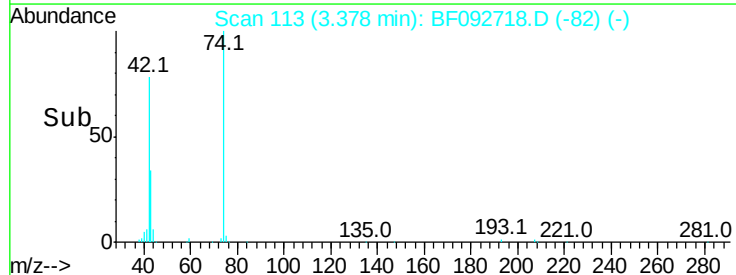
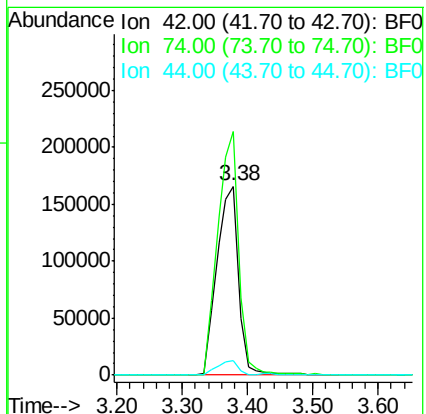
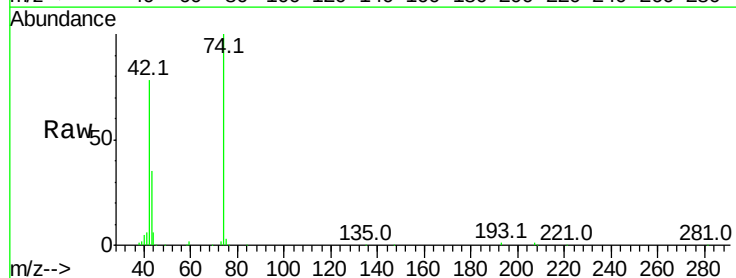
Tgt Ion: 42 Resp: 390151

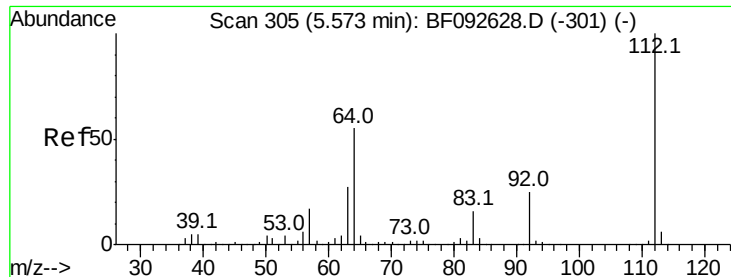
Ion Ratio Lower Upper

42 100

74 128.9 117.0 175.4

44 7.5 5.5 8.3





#5

2-Fluorophenol

Concen: 162.52 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

Instrument :

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ClientSampleId :

SB-33-COMPMS

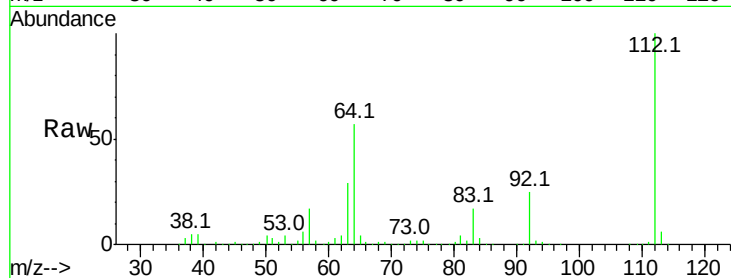
Tot Ion:112 Resp: 1565440

Ion Ratio Lower Upper

112 100

64 57.1 46.1 69.1

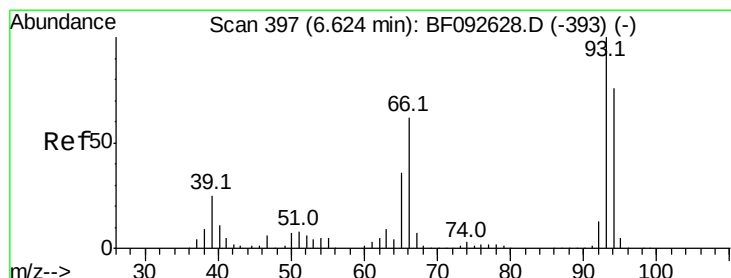
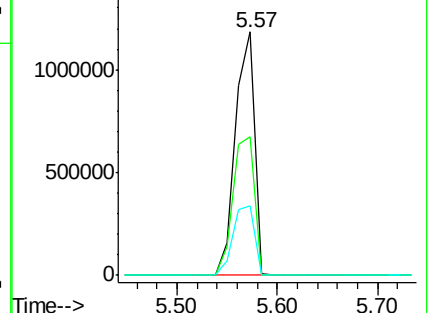
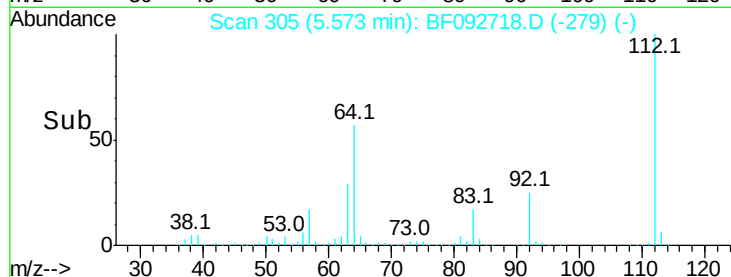
63 28.6 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.50 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

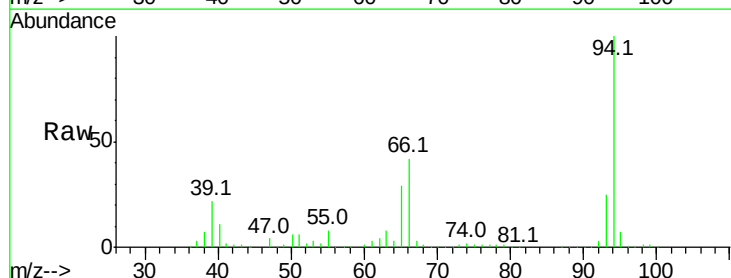
Tgt Ion: 93 Resp: 363531

Ion Ratio Lower Upper

93 100

66 167.6 76.2 114.2#

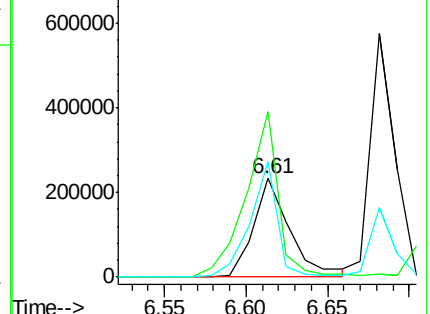
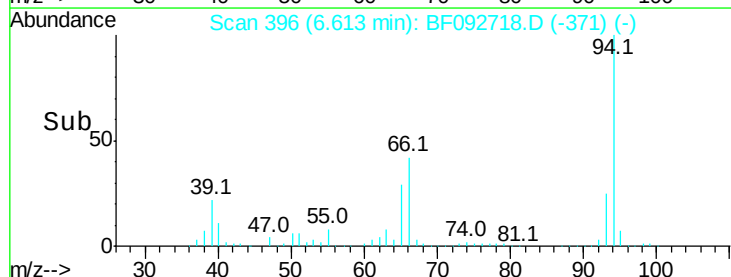
65 117.1 49.3 73.9#

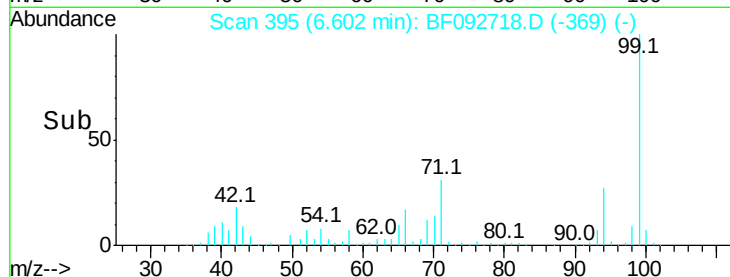
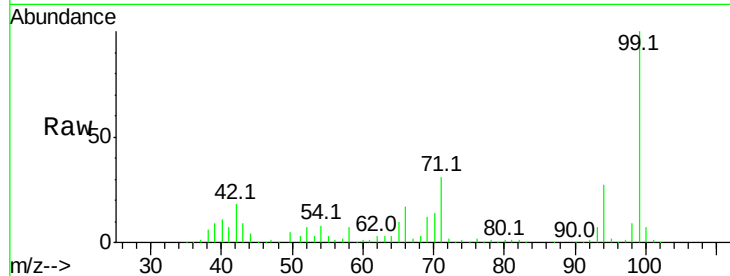
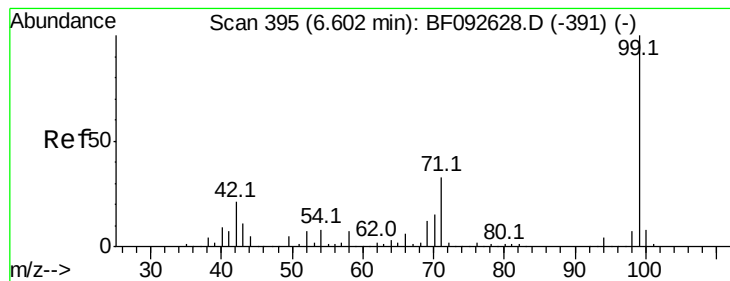


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 156.03 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

Instrument :

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ClientSampleId :

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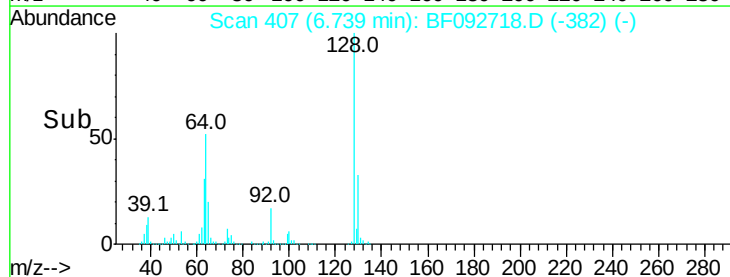
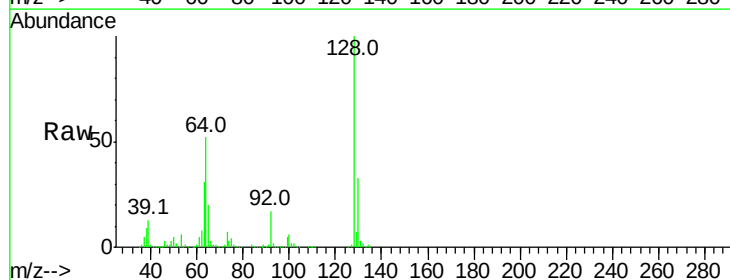
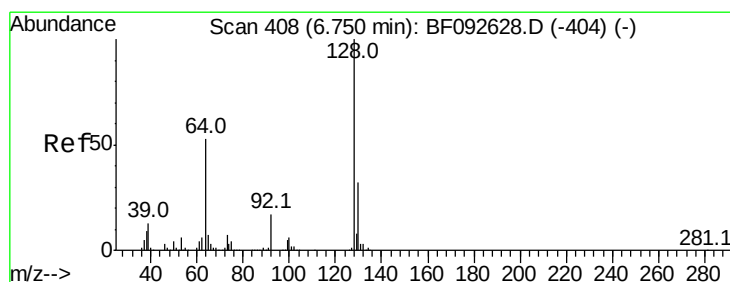
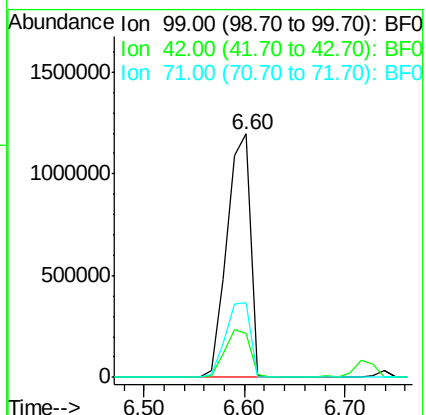
Tot Ion: 99 Resp: 1933858

Ion Ratio Lower Upper

99 100

42 18.0 15.6 23.4

71 30.6 27.5 41.3



#8

2-Chlorophenol

Concen: 54.23 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

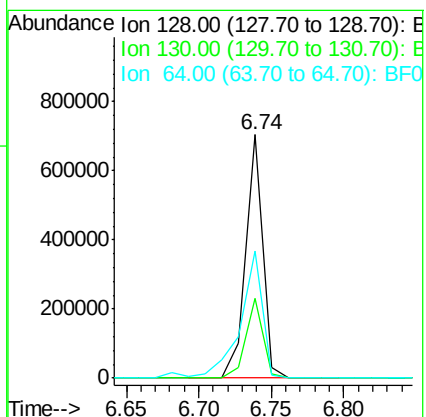
Tgt Ion:128 Resp: 576262

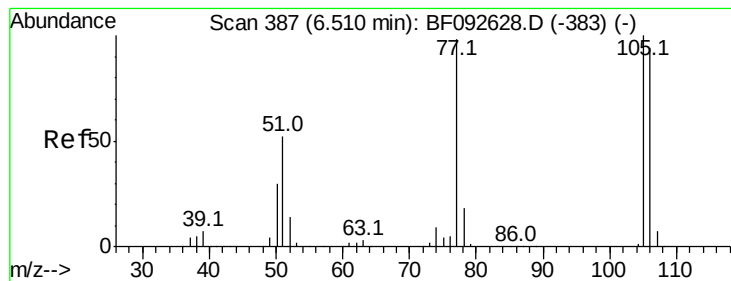
Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

64 52.2 32.2 72.2





#9

Benzaldehyde

Concen: 23.68 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMS

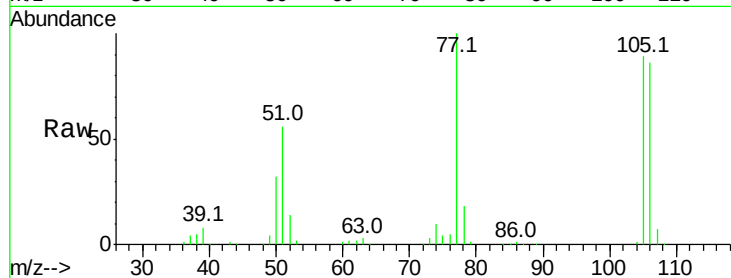
Tot Ion: 77 Resp: 210298

Ion Ratio Lower Upper

77 100

105 89.2 83.9 123.9

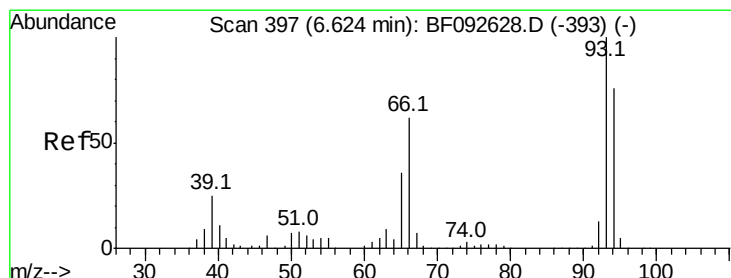
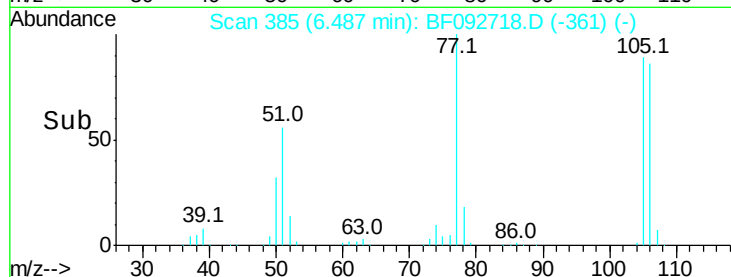
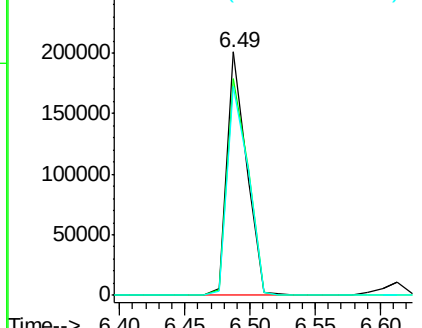
106 86.0 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 63.88 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

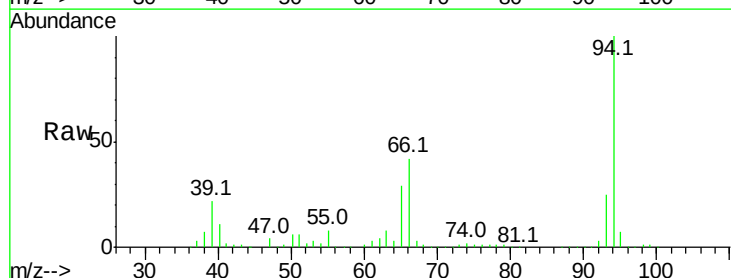
Tgt Ion: 94 Resp: 926305

Ion Ratio Lower Upper

94 100

65 29.2 21.4 61.4

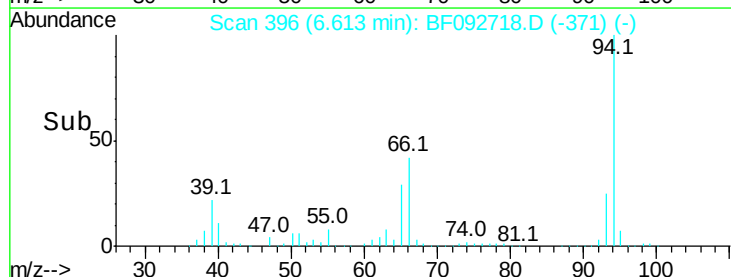
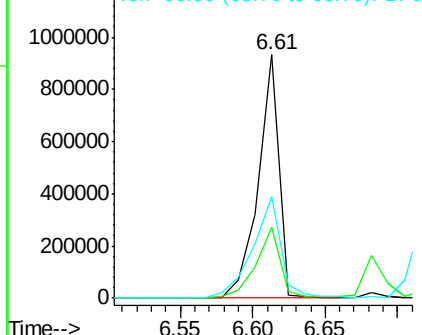
66 41.8 44.0 84.0#

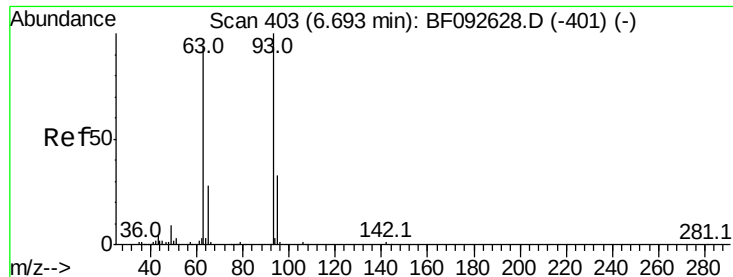


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 51.87 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMS

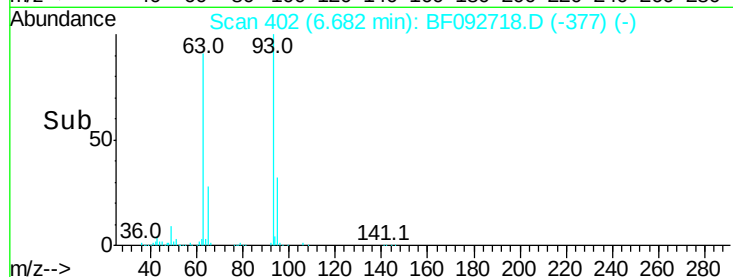
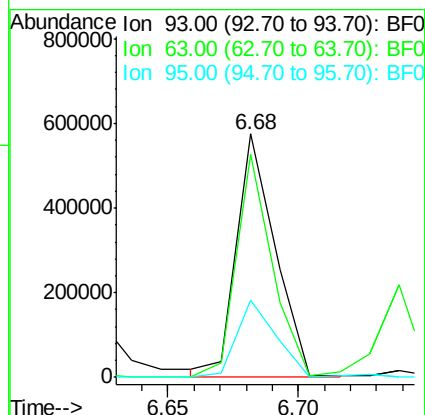
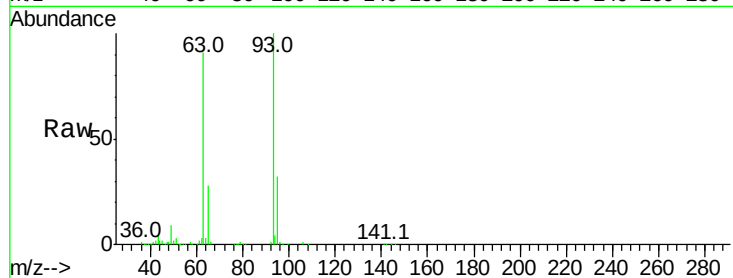
Tot Ion: 93 Resp: 600321

Ion Ratio Lower Upper

93 100

63 91.4 60.4 100.4

95 31.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 50.10 ng m

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

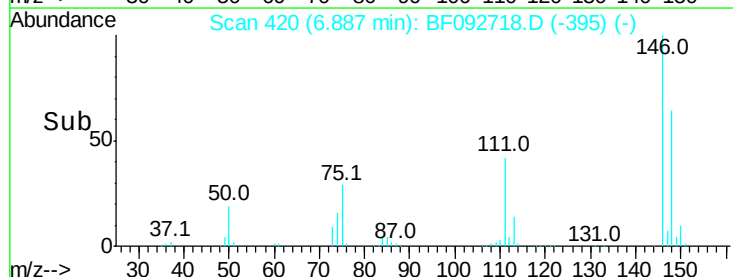
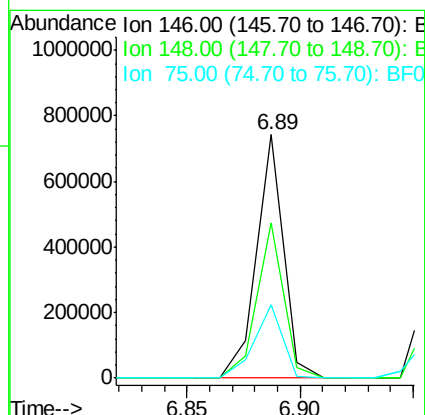
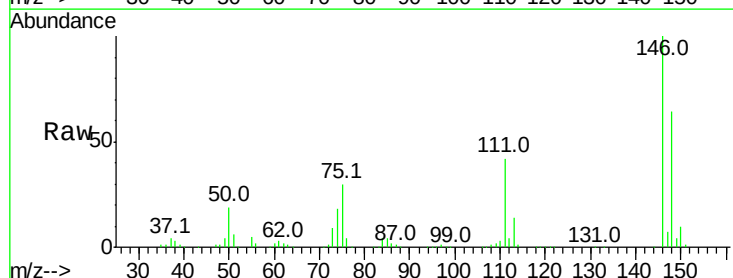
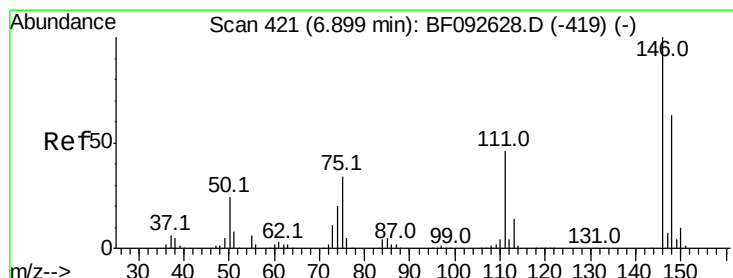
Tgt Ion: 146 Resp: 623564

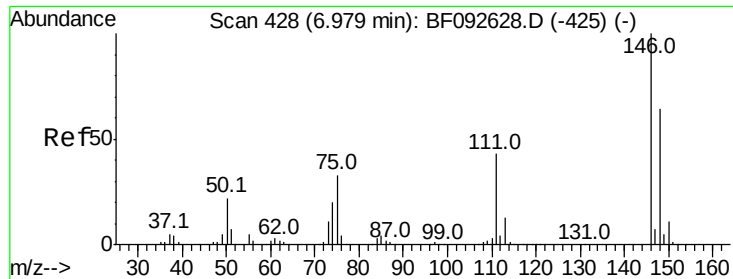
Ion Ratio Lower Upper

146 100

148 63.6 53.4 80.0

75 29.9 18.5 27.7#

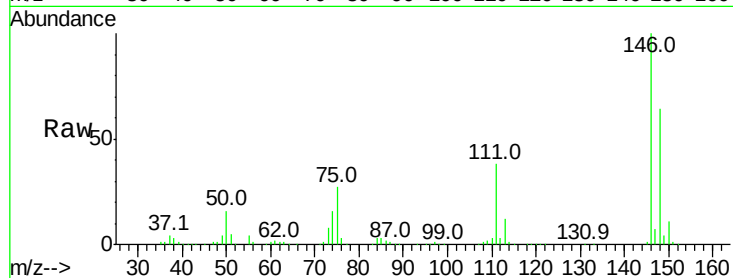




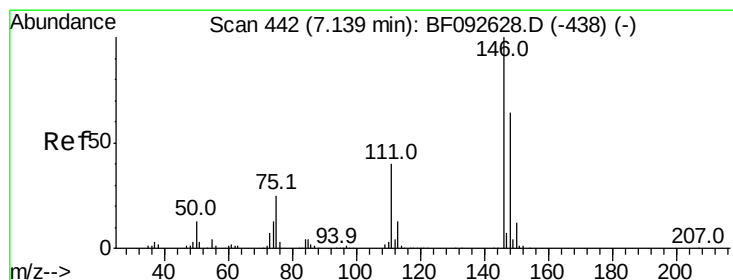
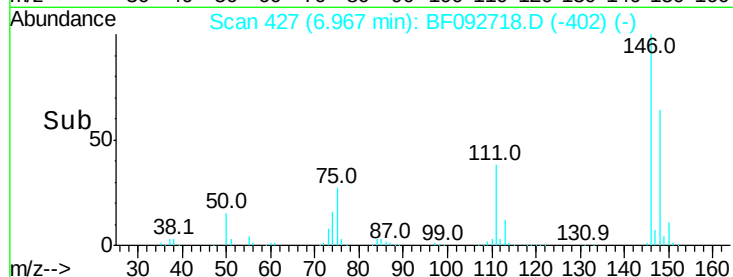
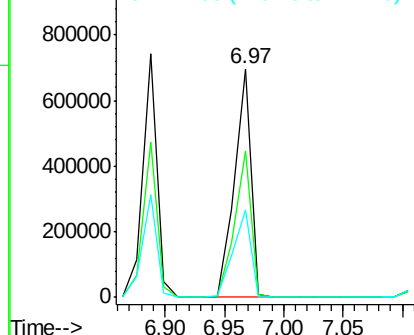
#13
 1,4-Dichlorobenzene
 Concen: 53.18 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMS

Tot Ion:146 Resp: 669994
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 76.0
 111 38.1 36.2 54.4

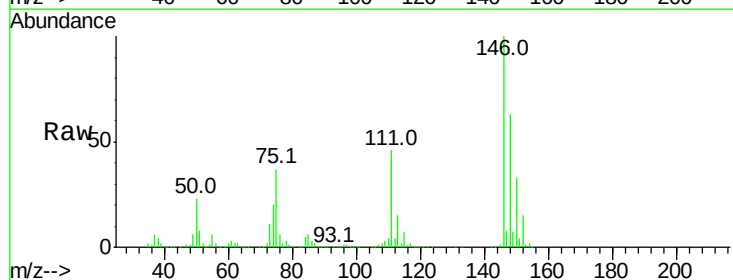


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

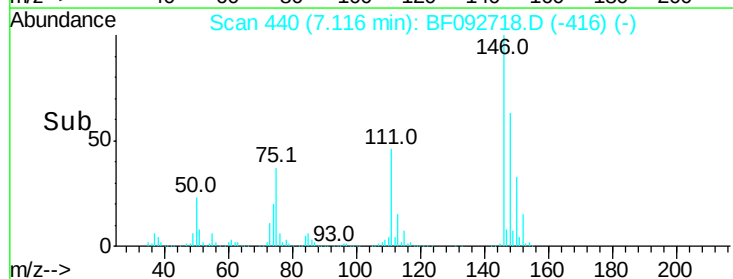
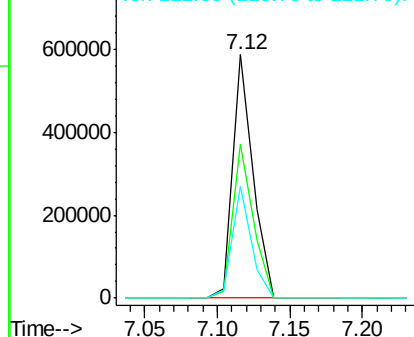


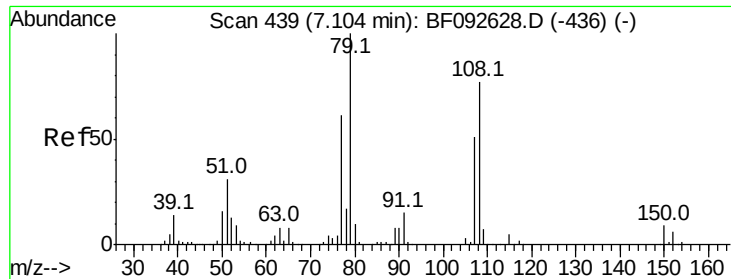
#14
 1,2-Dichlorobenzene
 Concen: 46.99 ng
 RT: 7.12 min Scan# 440
 Delta R.T. -0.02 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

Tgt Ion:146 Resp: 566083
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.2 78.2
 111 46.2 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

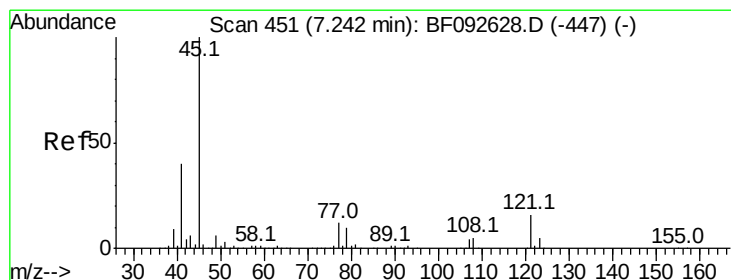
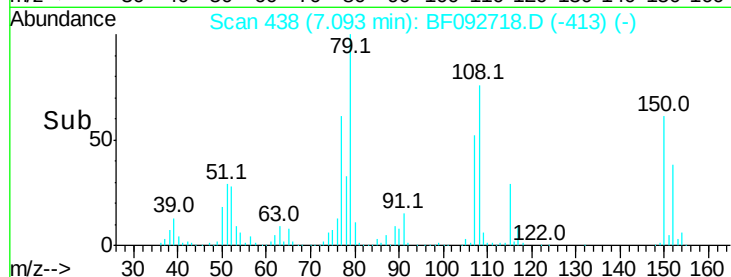
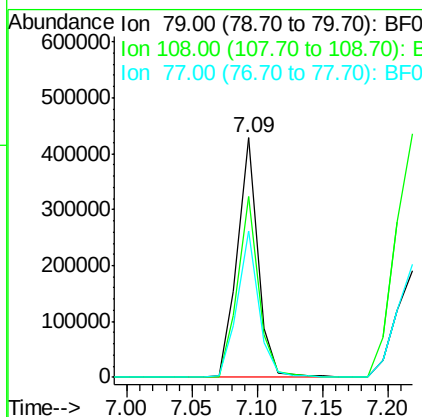
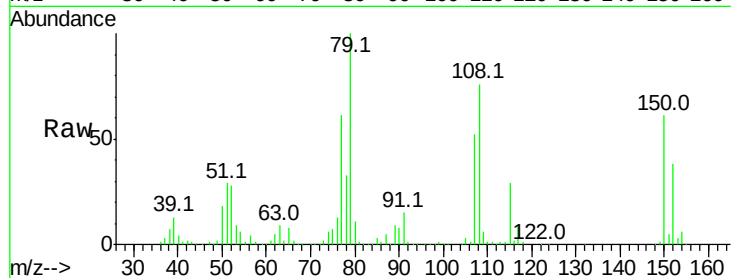




#15
Benzyl Alcohol
Concen: 51.86 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

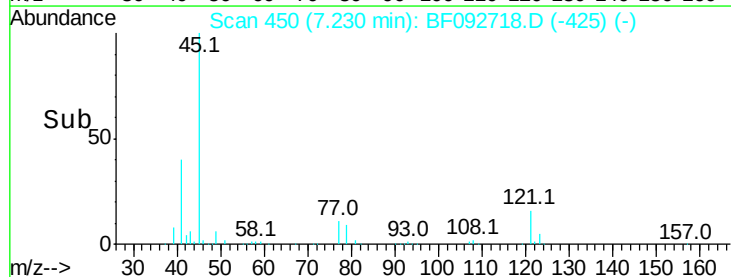
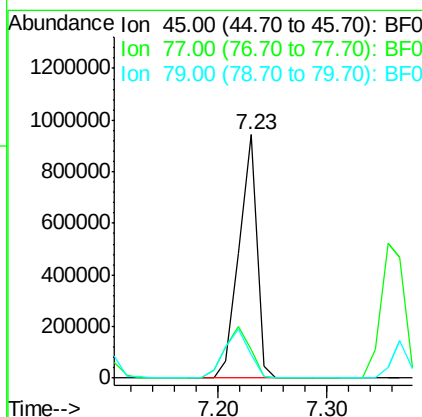
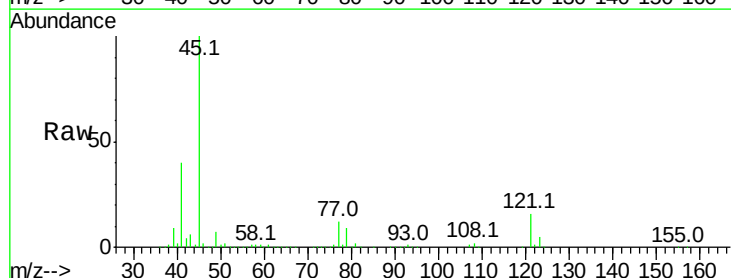
Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMS

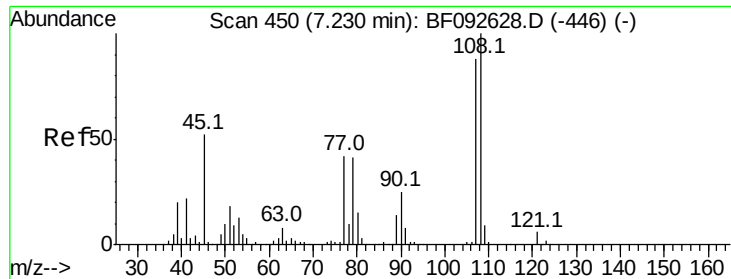
Tot Ion: 79 Resp: 475849
Ion Ratio Lower Upper
79 100
108 75.5 61.4 92.0
77 61.2 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.79 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

Tgt Ion: 45 Resp: 1061410
Ion Ratio Lower Upper
45 100
77 11.6 0.0 34.6
79 9.4 0.0 31.2

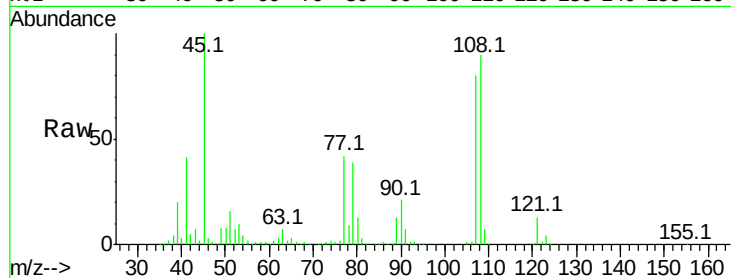




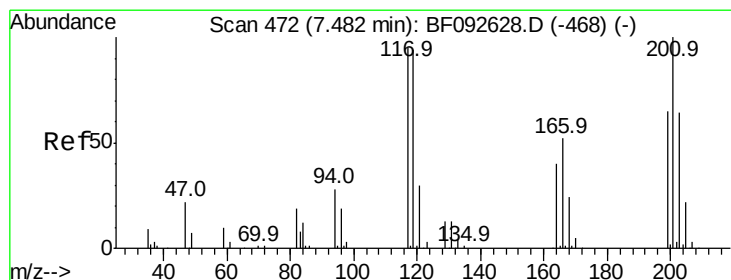
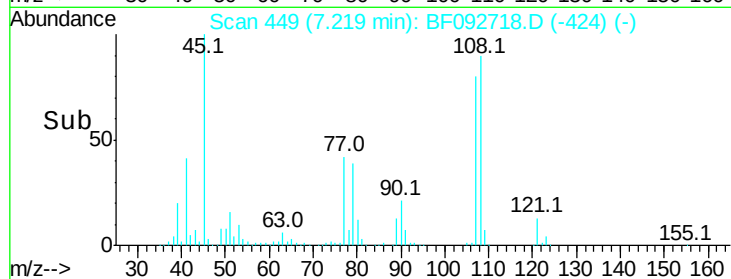
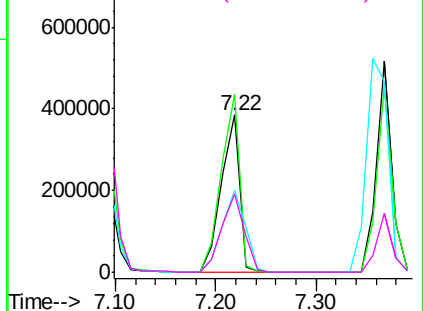
#17
2-Methylphenol
Concen: 53.63 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMS

Tot Ion:107 Resp: 488947
Ion Ratio Lower Upper
107 100
108 113.1 93.0 139.6
77 52.4 39.8 59.8
79 49.5 38.0 57.0

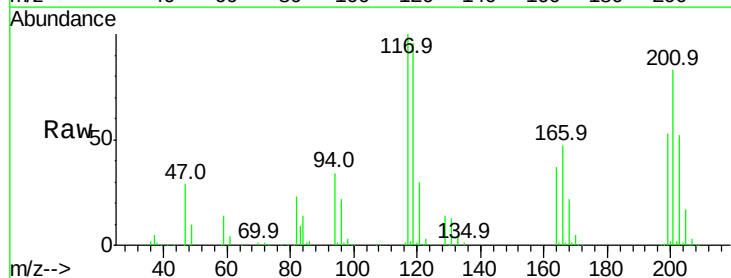


Abundance Ion 107.00 (106.70 to 107.70): E
800000
Ion 108.00 (107.70 to 108.70): E
600000
Ion 77.00 (76.70 to 77.70): BF0
400000
Ion 79.00 (78.70 to 79.70): BF0
200000
0

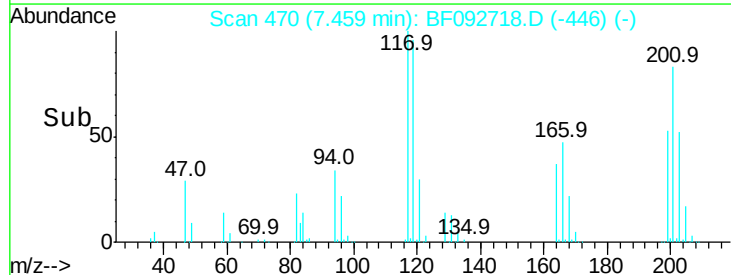
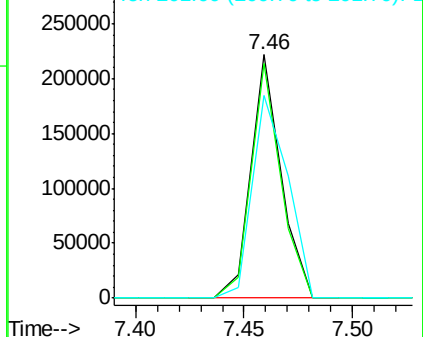


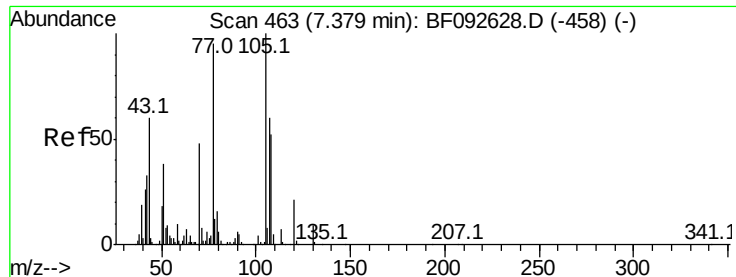
#18
Hexachloroethane
Concen: 49.64 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

Tgt Ion:117 Resp: 213459
Ion Ratio Lower Upper
117 100
119 96.2 78.1 117.1
201 83.2 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E
300000
Ion 119.00 (118.70 to 119.70): E
250000
Ion 201.00 (200.70 to 201.70): E
200000
150000
100000
50000
0

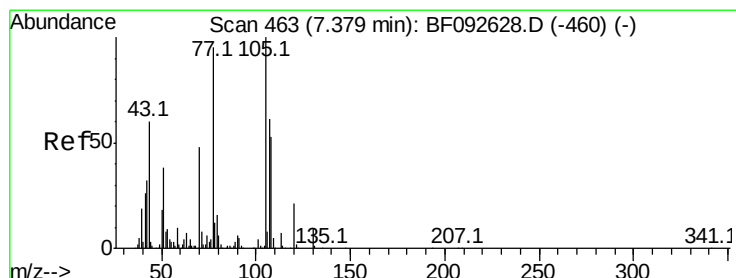
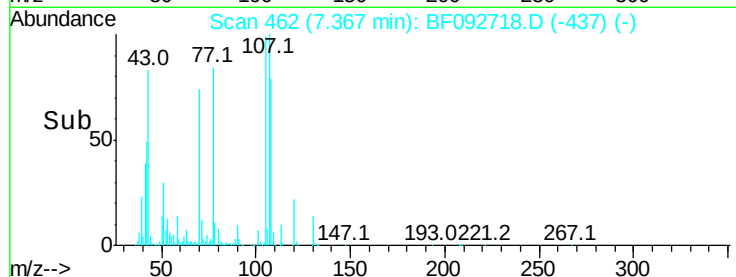
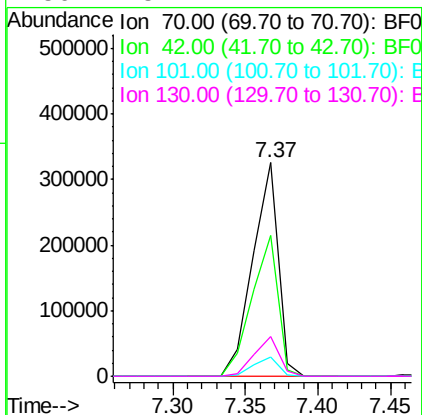
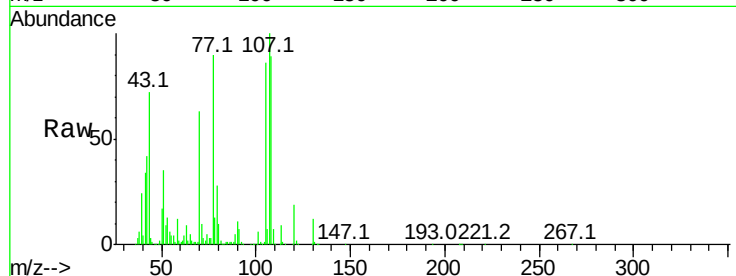




#19
n-Nitroso-di-n-propylamine
Concen: 50.24 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

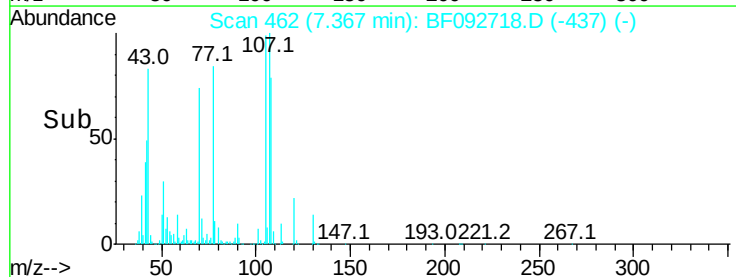
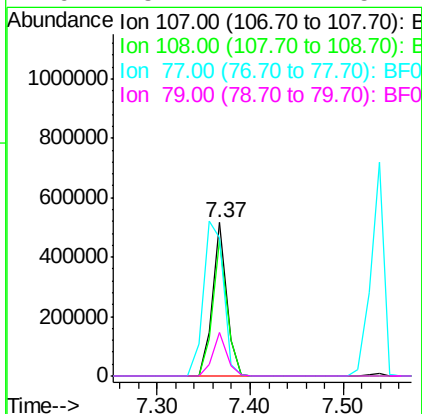
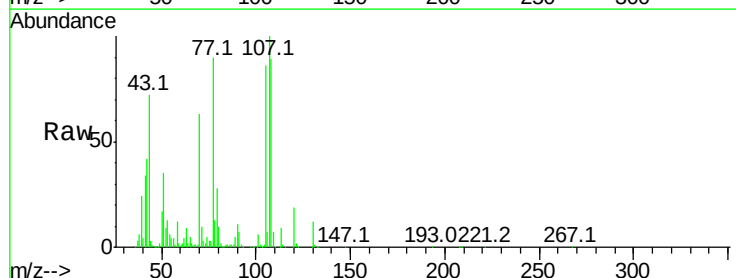
Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMS

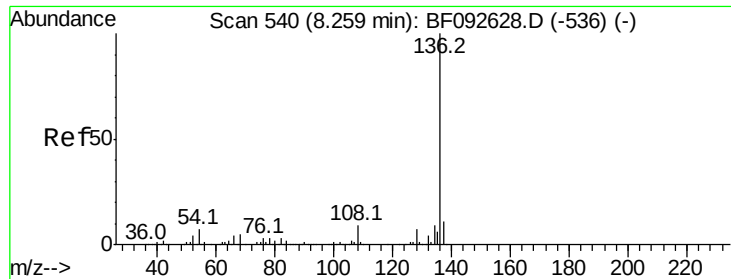
Tot Ion:	70	Resp:	396381
Ion	Ratio	Lower	Upper
70	100		
42	66.0	49.4	74.0
101	8.8	7.4	11.2
130	18.7	14.2	21.4



#20
3+4-Methylphenols
Concen: 50.13 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

Tgt Ion:	107	Resp:	546437
Ion	Ratio	Lower	Upper
107	100		
108	88.8	73.0	113.0
77	90.3	71.3	111.3
79	28.2	11.1	51.1

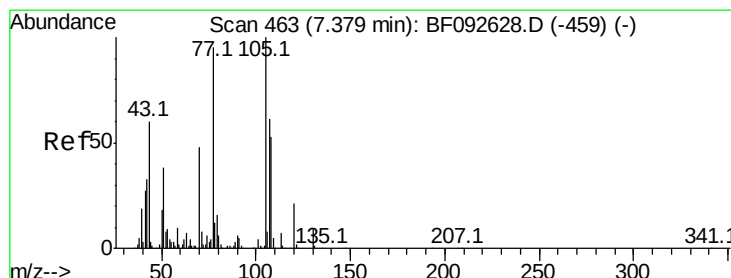
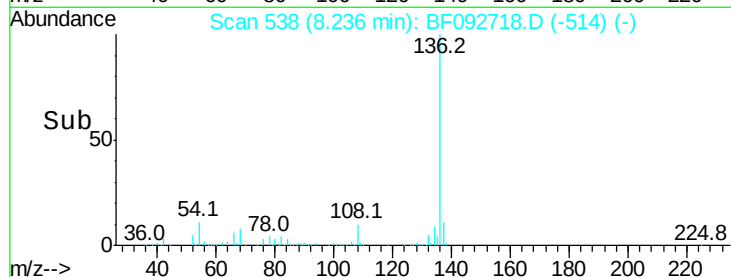
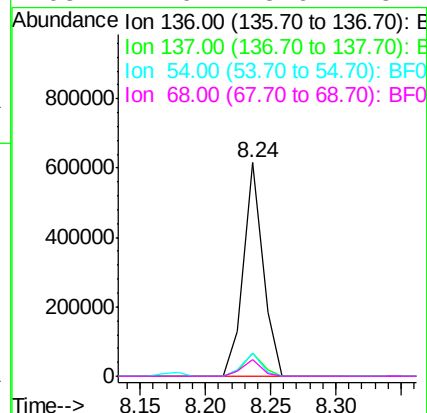
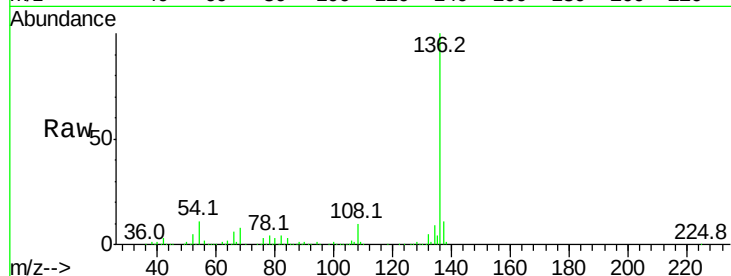




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

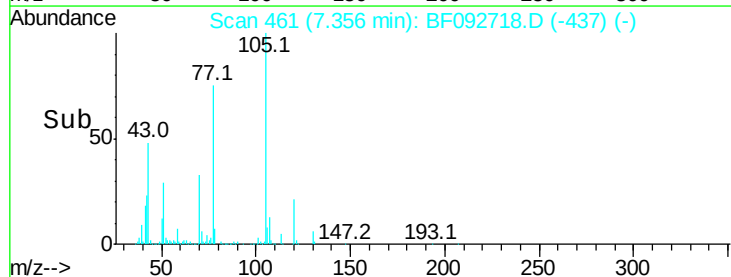
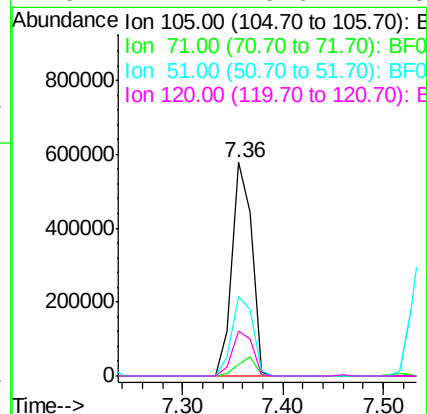
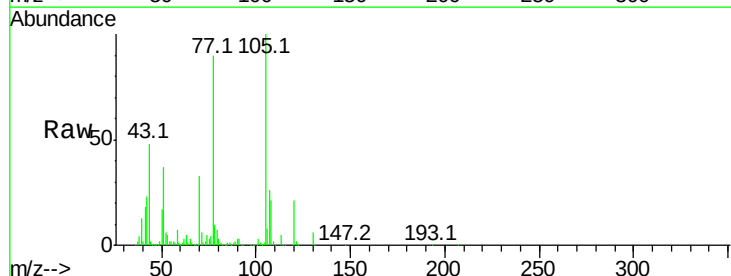
Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMS

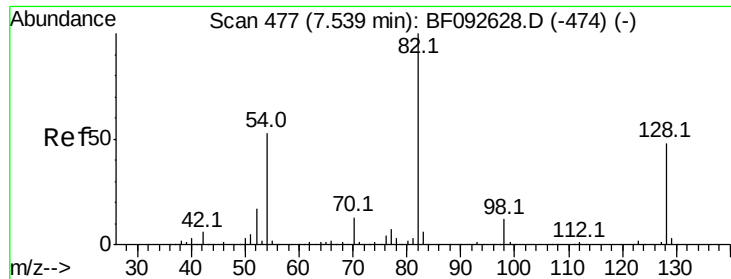
Tot Ion:136	Resp: 640049
Ion Ratio	Lower Upper
136 100	
137 10.8	8.4 12.6
54 11.0	4.5 6.7#
68 7.6	3.6 5.4#



#22
Acetophenone
Concen: 54.27 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

Tgt	Ion:105	Resp:	793085
Ion	Ratio	Lower	Upper
105	100		
71	5.5	3.2	4.8#
51	37.4	26.2	39.4
120	21.1	16.6	24.8



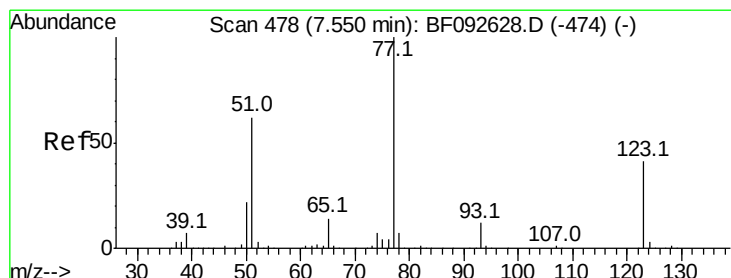
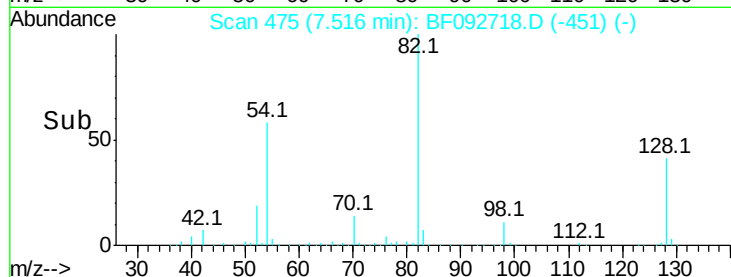
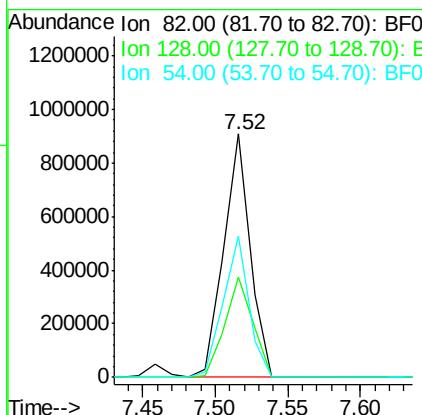
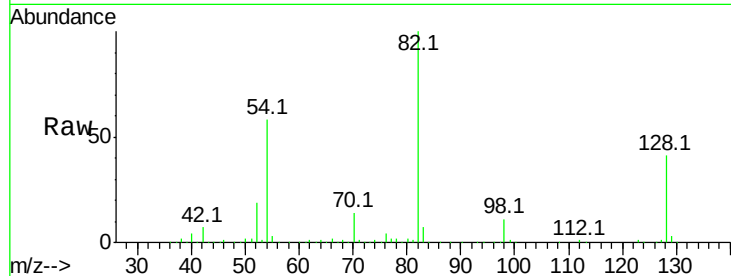


#23
 Nitrobenzene-d5
 Concen: 99.94 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMS

Tot Ion: 82 Resp: 1148647

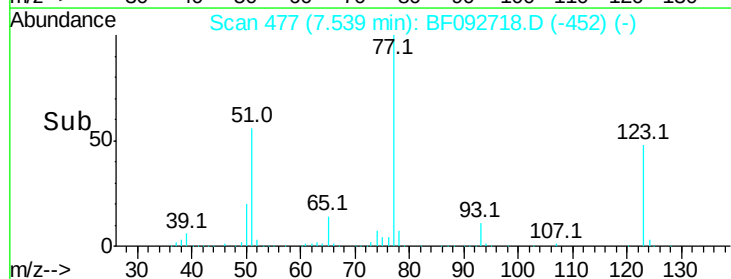
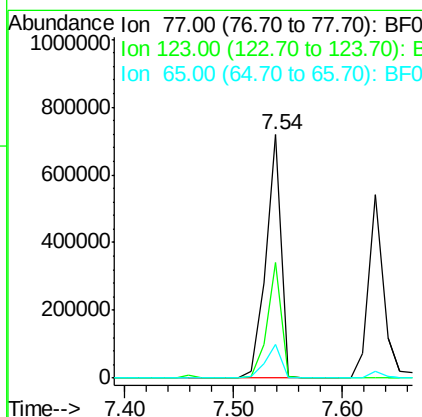
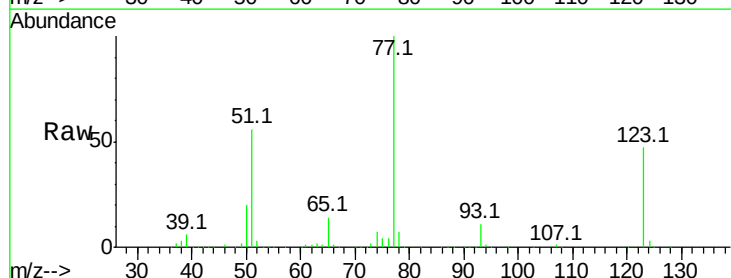
Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.6	52.0
54	58.0	39.5	59.3

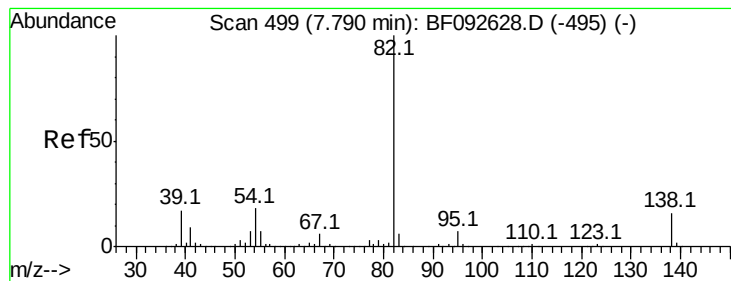


#24
 Nitrobenzene
 Concen: 59.72 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

Tgt Ion: 77 Resp: 704855

Ion	Ratio	Lower	Upper
77	100		
123	47.5	33.0	49.4
65	13.7	11.2	16.8





#25

Isophorone

Concen: 55.77 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMS

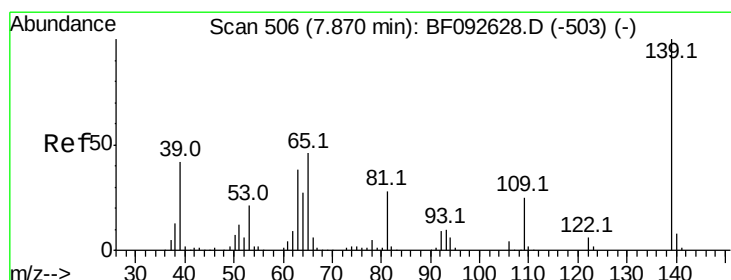
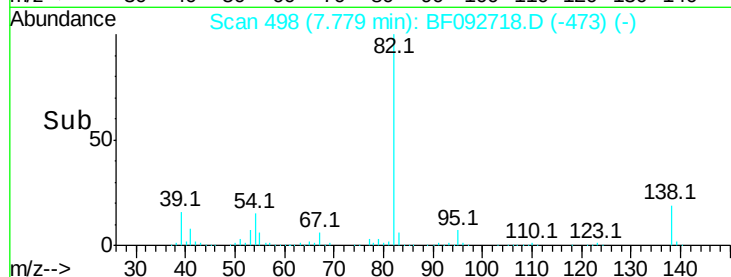
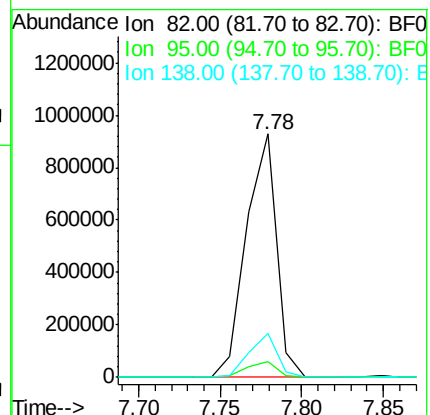
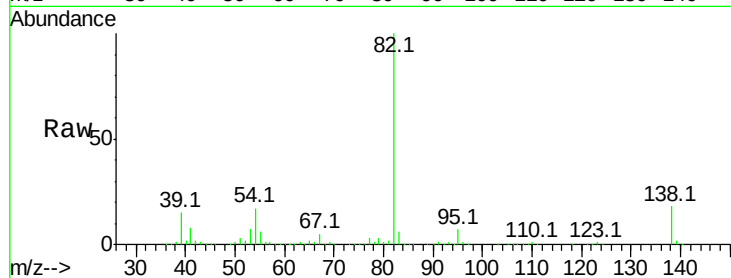
Tot Ion: 82 Resp: 1194457

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 18.0 14.6 22.0



#26

2-Nitrophenol

Concen: 56.60 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

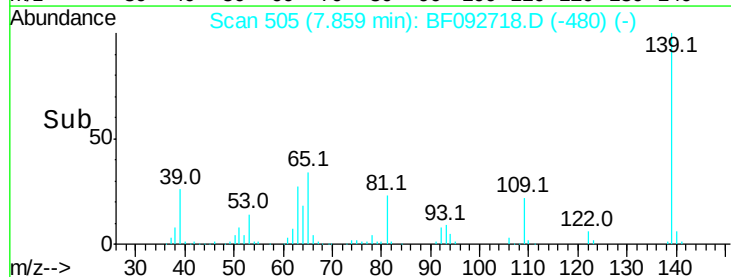
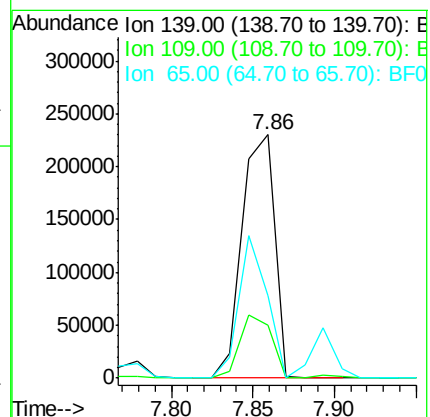
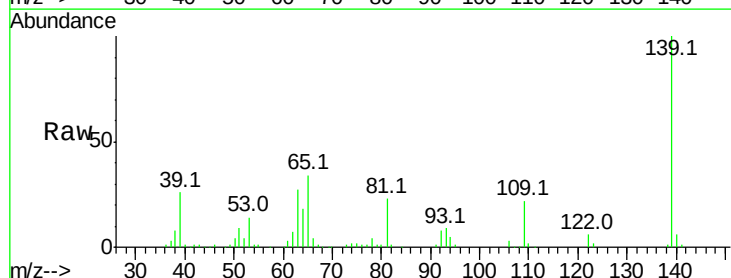
Tgt Ion: 139 Resp: 317559

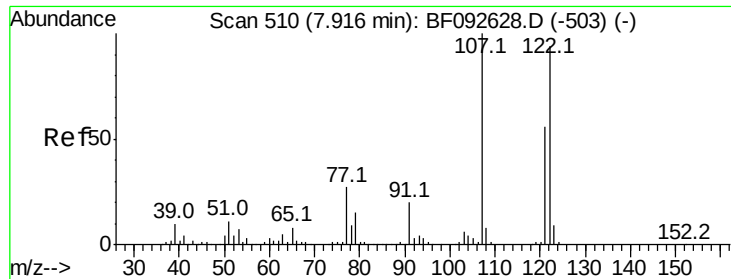
Ion Ratio Lower Upper

139 100

109 21.8 23.3 34.9#

65 33.9 42.7 64.1#

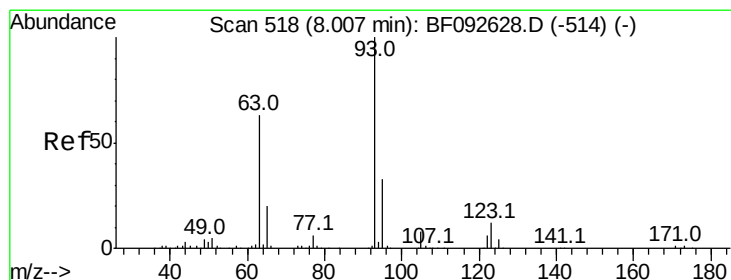
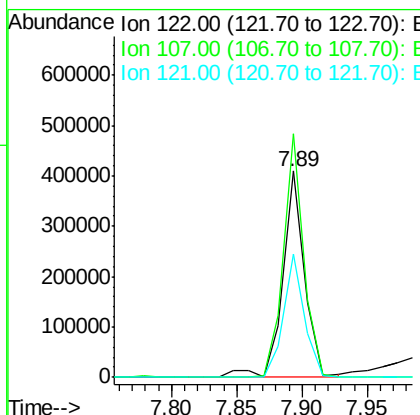
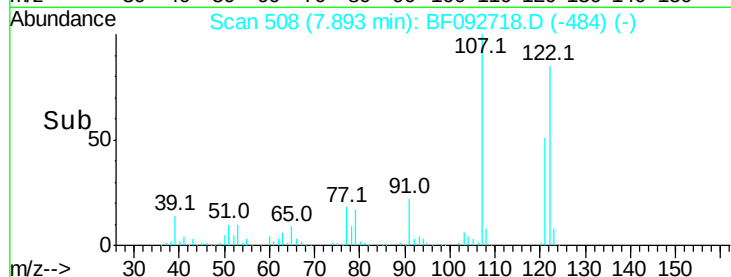
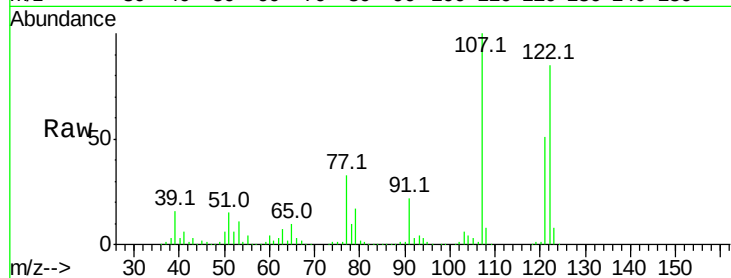




#27
 2,4-Dimethylphenol
 Concen: 48.89 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

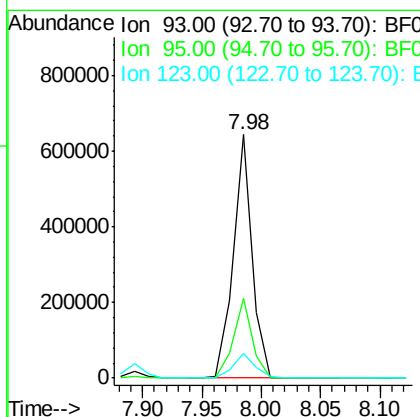
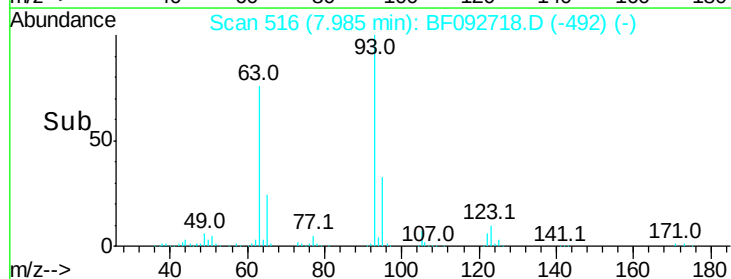
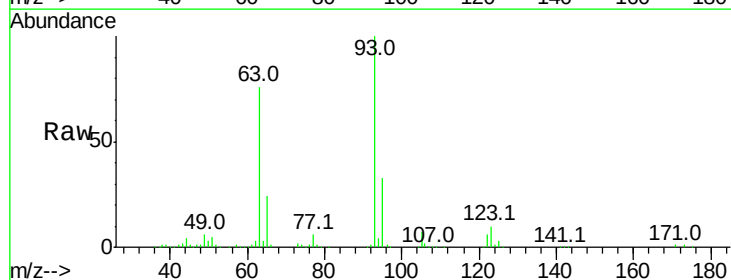
Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMS

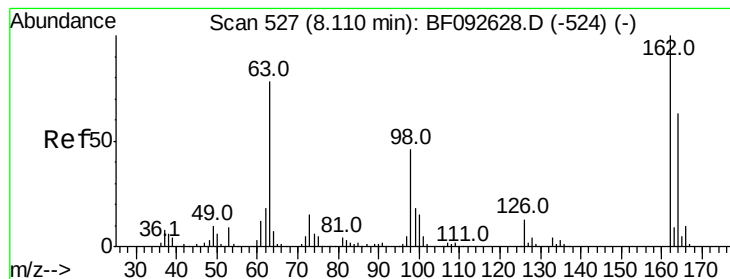
Tot Ion:122 Resp: 481659
 Ion Ratio Lower Upper
 122 100
 107 118.1 94.1 141.1
 121 59.8 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.83 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

Tgt Ion: 93 Resp: 706772
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 10.4 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 51.84 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMS

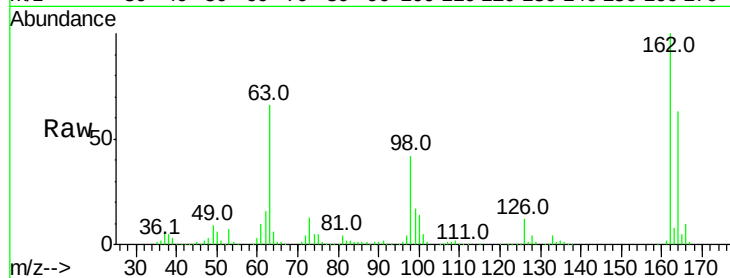
Tot Ion:162 Resp: 476319

Ion Ratio Lower Upper

162 100

164 63.5 46.8 86.8

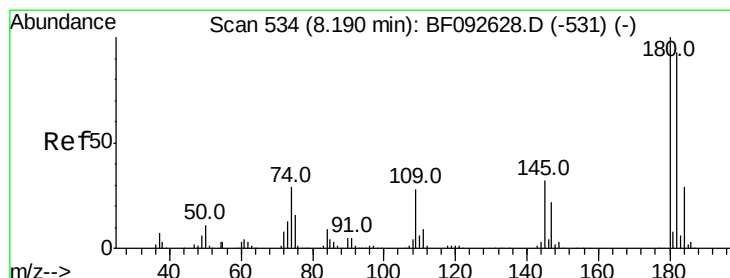
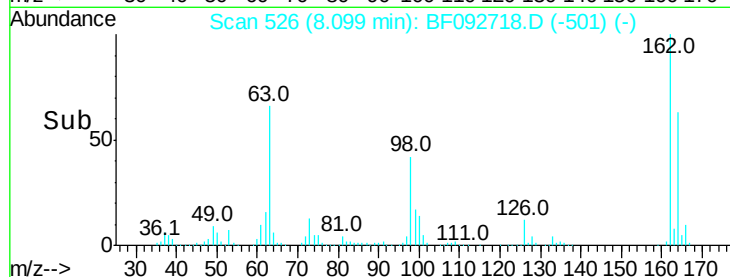
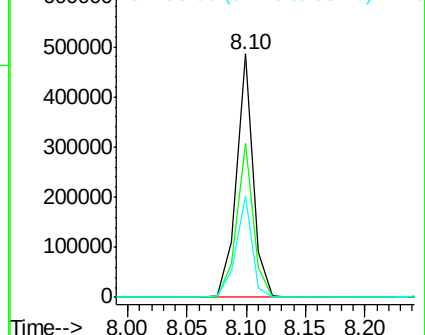
98 42.0 9.1 49.1



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: 51.72 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

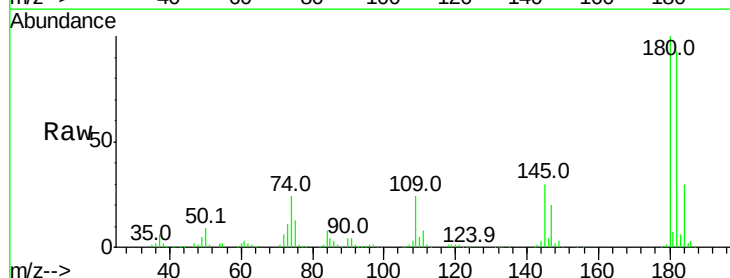
Tgt Ion:180 Resp: 512128

Ion Ratio Lower Upper

180 100

182 92.5 78.2 117.4

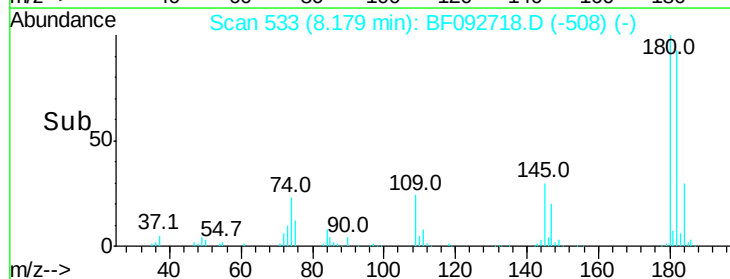
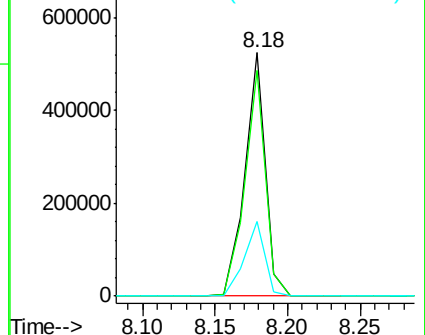
145 30.5 21.6 32.4

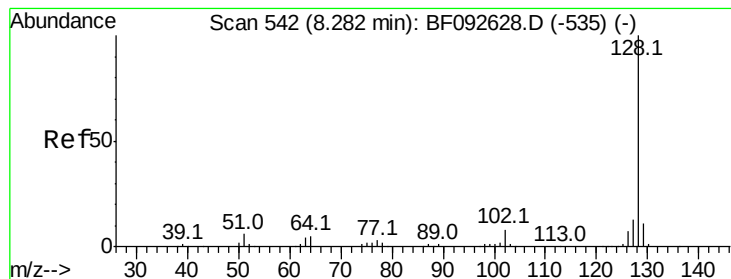


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.71 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMS

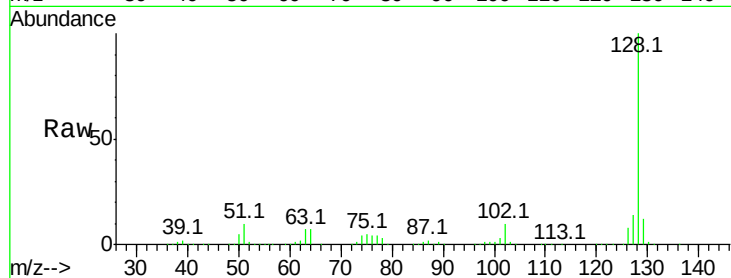
Tot Ion:128 Resp: 1515378

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

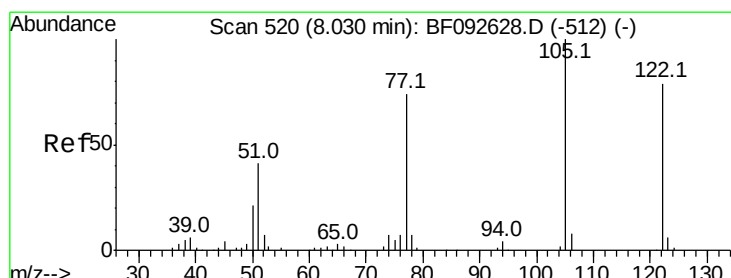
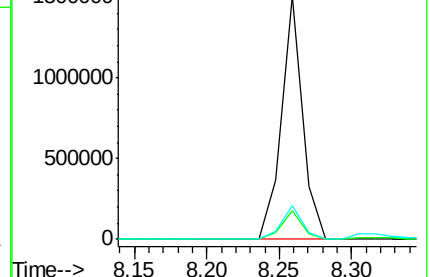
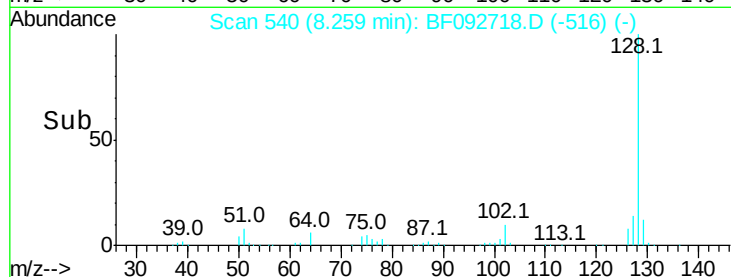
127 13.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.38 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

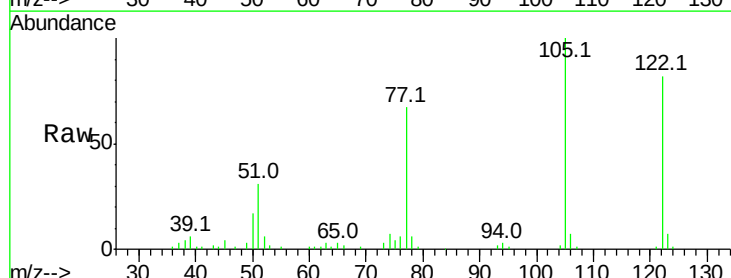
Tgt Ion:122 Resp: 158884

Ion Ratio Lower Upper

122 100

105 121.6 107.2 147.2

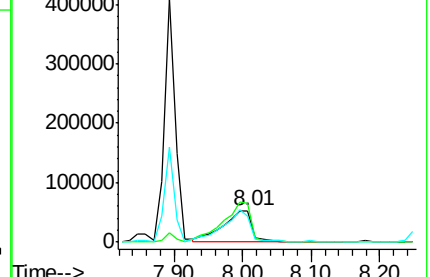
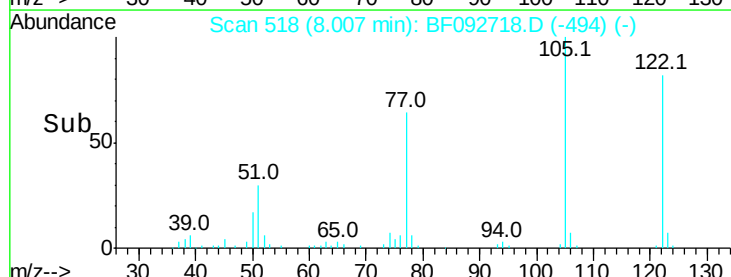
77 81.6 74.5 114.5

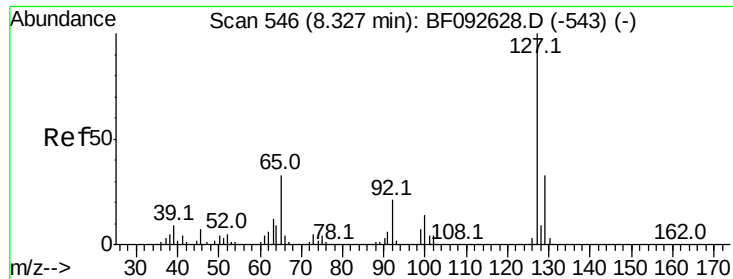


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

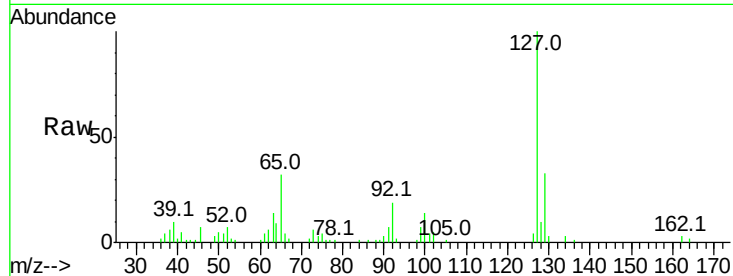




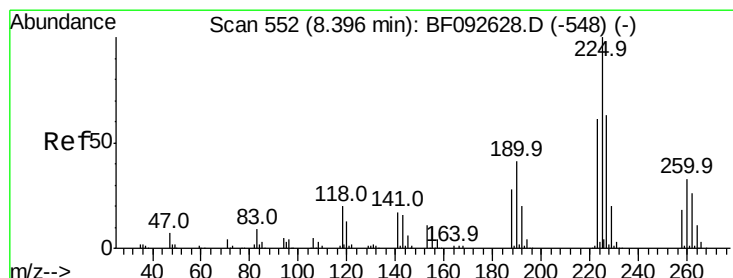
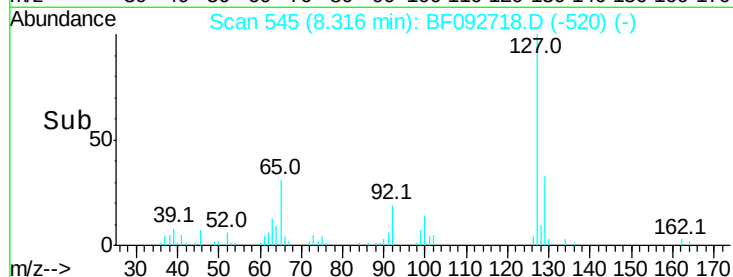
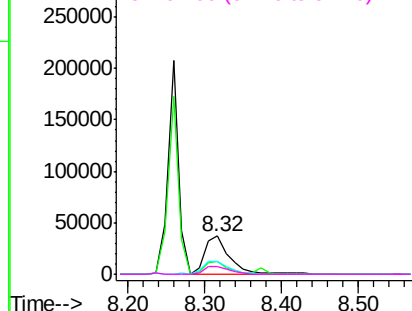
#33
4-Chloroaniline
Concen: 6.57 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMS

Tot Ion:	127	Resp:	83558
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	32.3	25.8	38.8
92	18.9	16.1	24.1

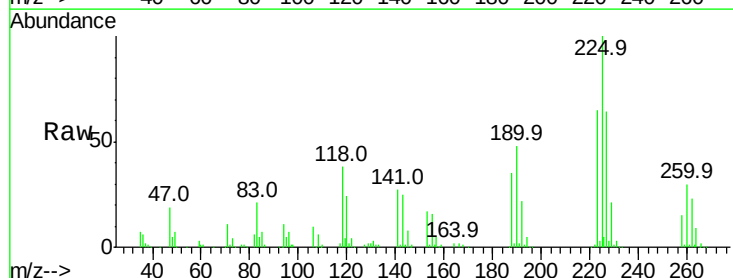


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

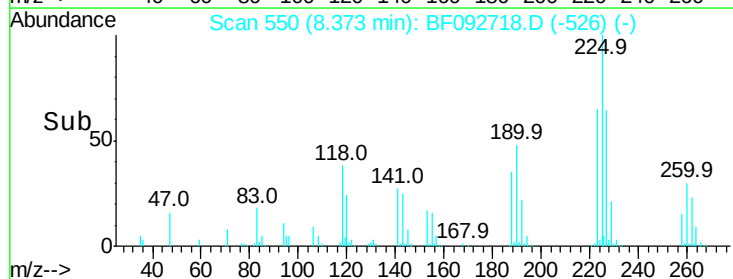
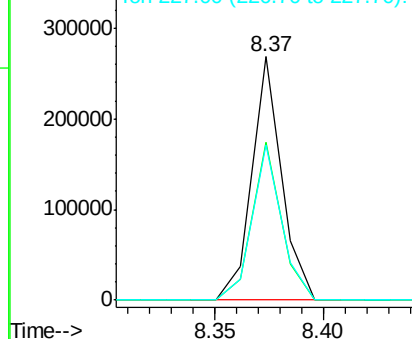


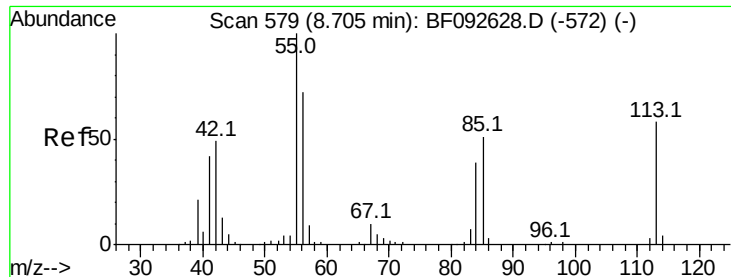
#34
Hexachlorobutadiene
Concen: 46.70 ng
RT: 8.37 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

Tgt Ion:	225	Resp:	254400
Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.0	76.6
227	64.0	50.6	76.0



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





#35

Caprolactam

Concen: 52.16 ng

RT: 8.68 min Scan# 577

Delta R.T. -0.02 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMS

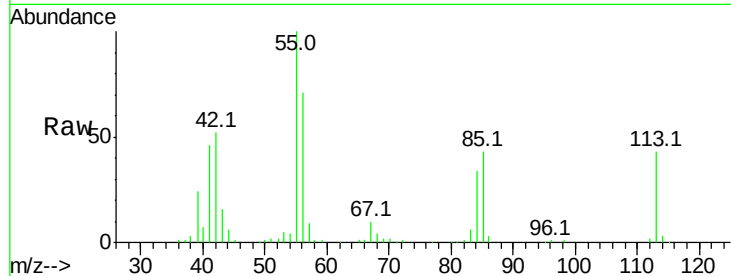
Tot Ion:113 Resp: 150761

Ion Ratio Lower Upper

113 100

55 233.8 119.2 159.2#

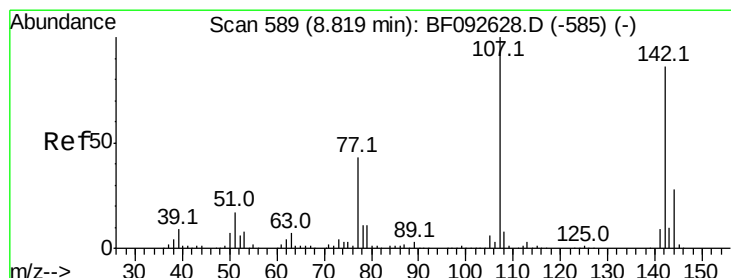
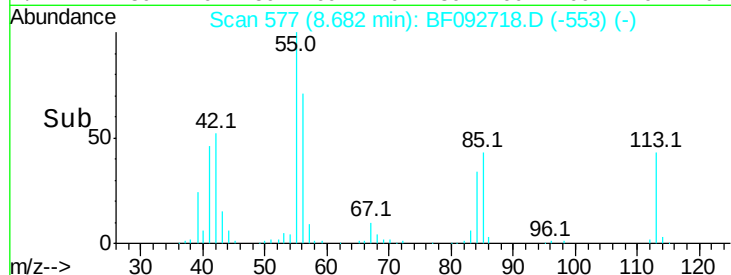
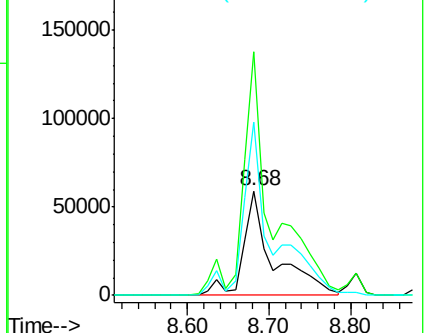
56 166.1 83.8 123.8#



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: 52.36 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

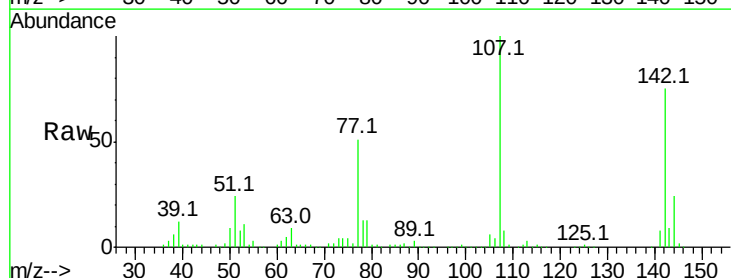
Tgt Ion:107 Resp: 501590

Ion Ratio Lower Upper

107 100

144 23.6 19.3 28.9

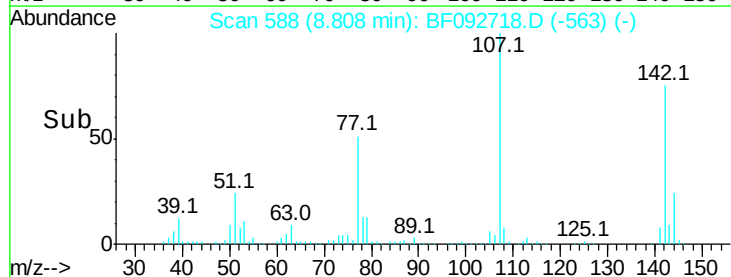
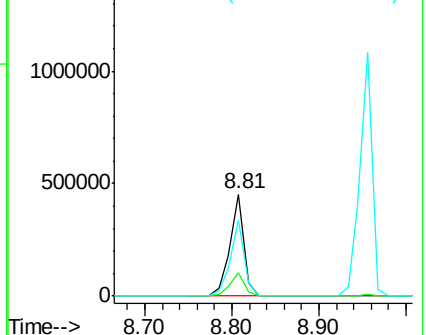
142 74.9 59.0 88.6

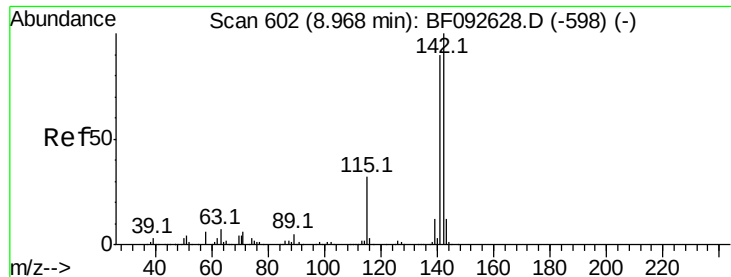


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 51.25 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

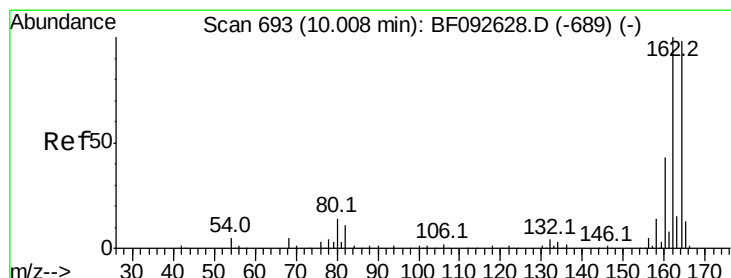
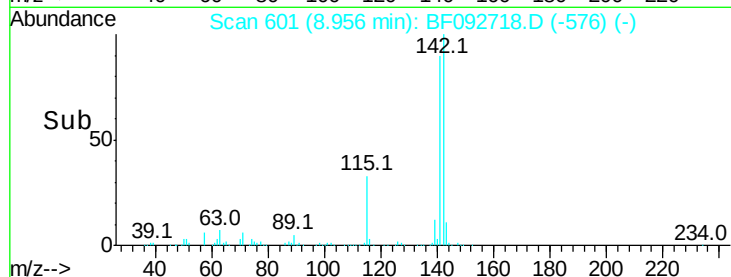
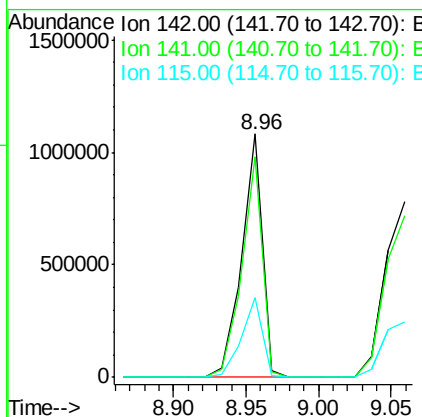
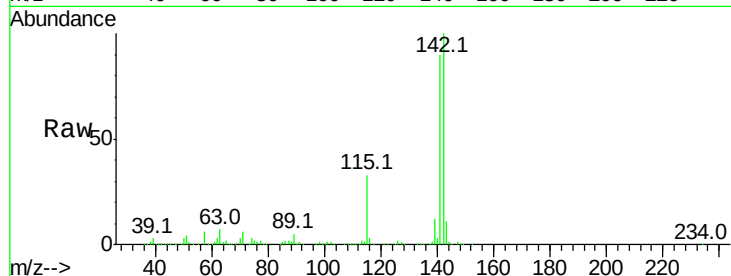
Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMS

Tot Ion:142 Resp: 1067585

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.0	106.6
115	32.9	28.3	42.5



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 692

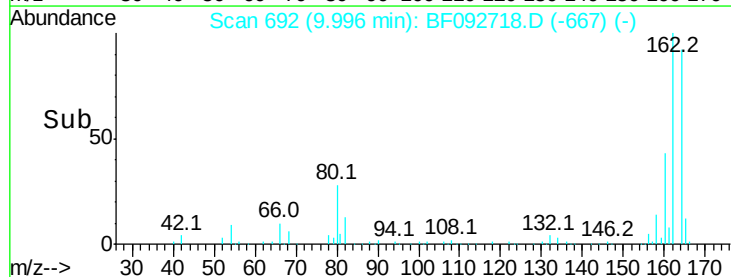
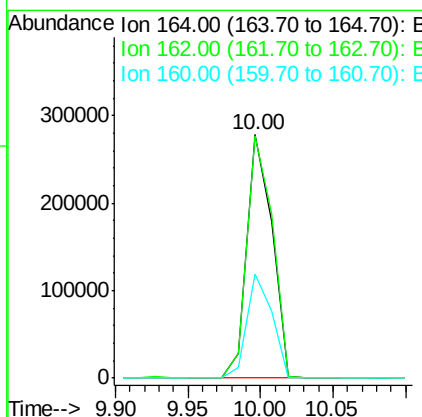
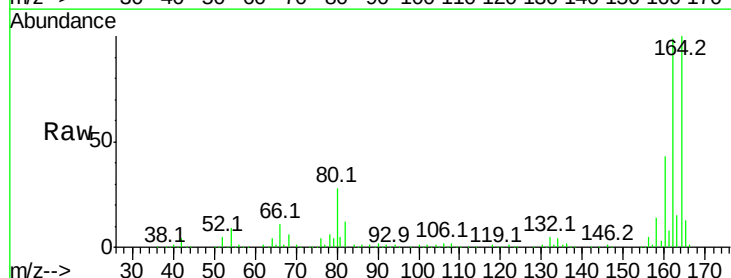
Delta R.T. -0.01 min

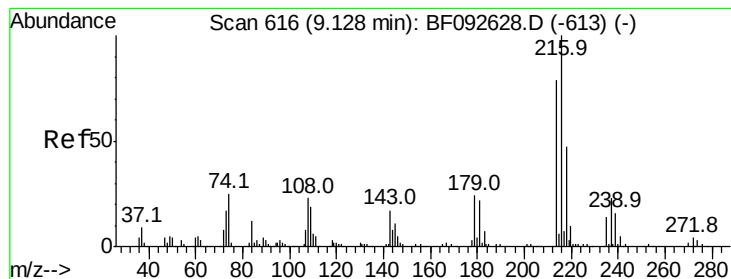
Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

Tgt Ion:164 Resp: 335181

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.2	120.2
160	42.8	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.58 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMS

Tot Ion:216 Resp: 466476

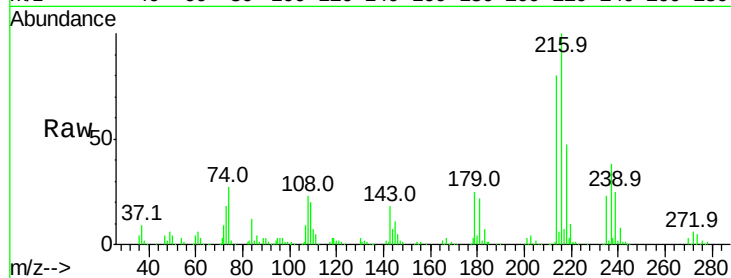
Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.0

179 21.1 17.4 26.2

108 19.5 15.6 23.4

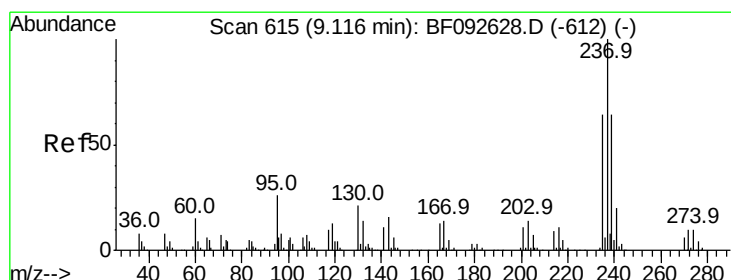
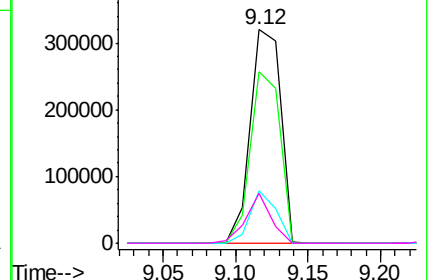
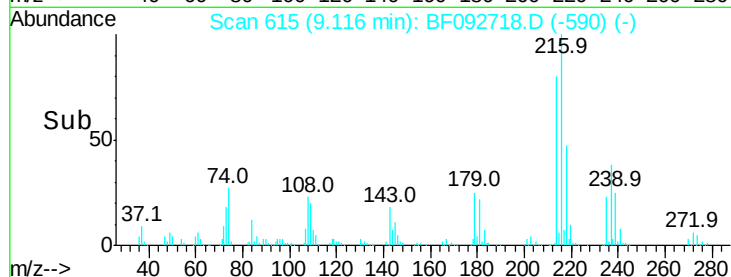


Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.91 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

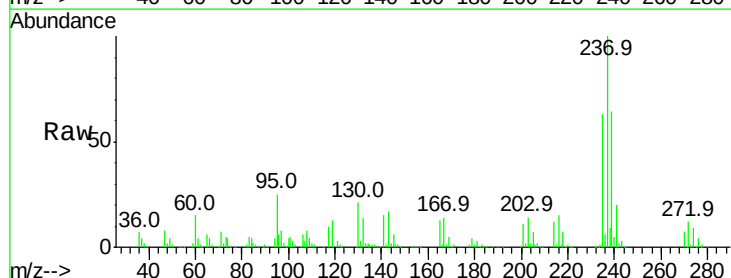
Tgt Ion:237 Resp: 377402

Ion Ratio Lower Upper

237 100

235 63.1 41.2 81.2

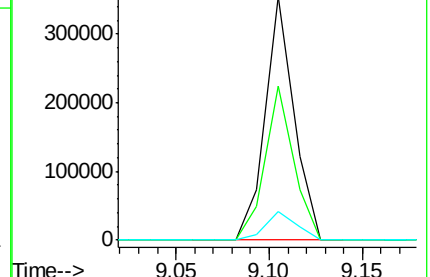
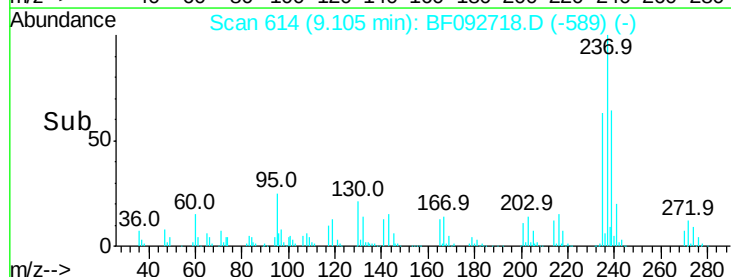
272 12.0 0.0 35.4

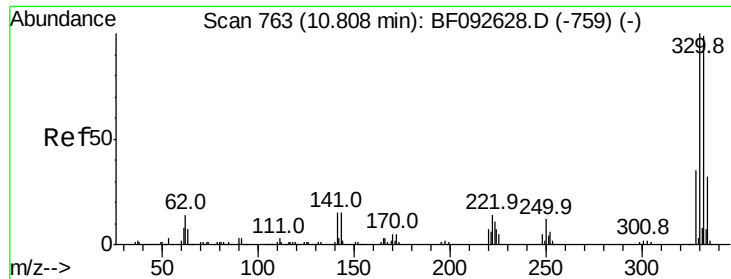


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

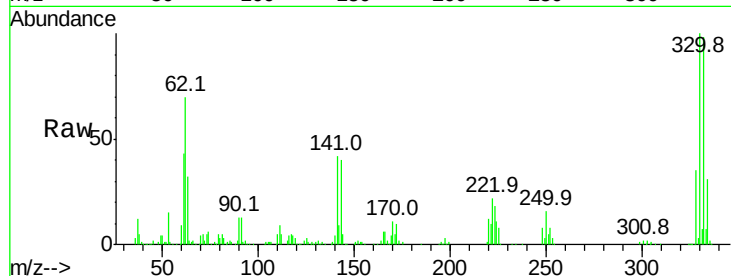




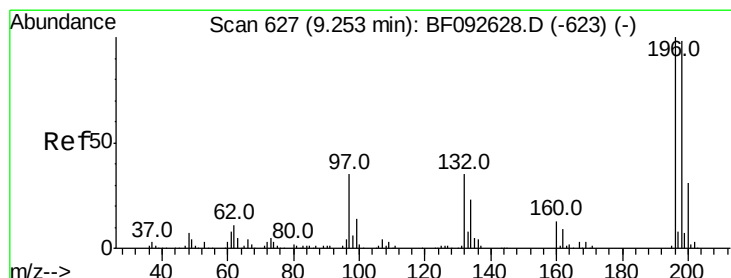
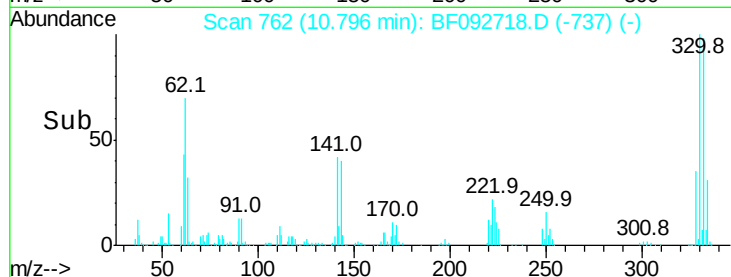
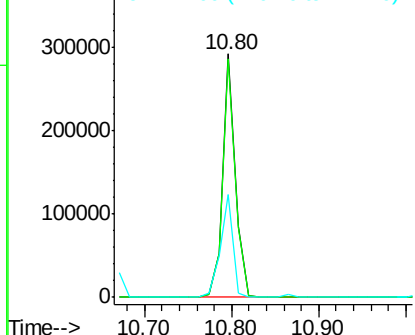
#41
 2,4,6-Tribromophenol
 Concen: 124.53 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMS

Tot Ion:330 Resp: 301882
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 42.3 34.1 51.1

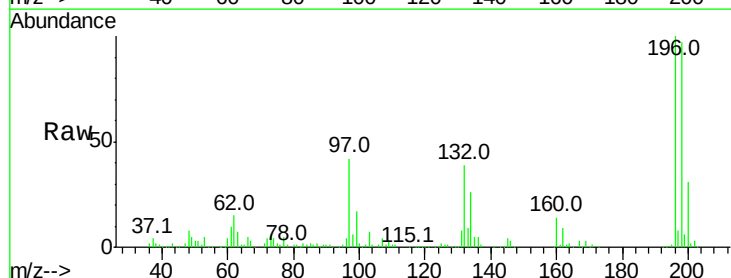


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

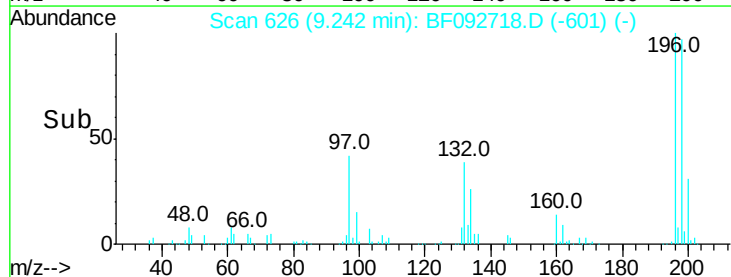
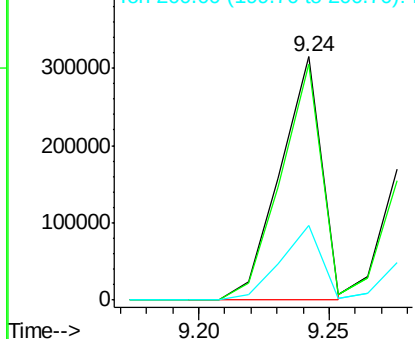


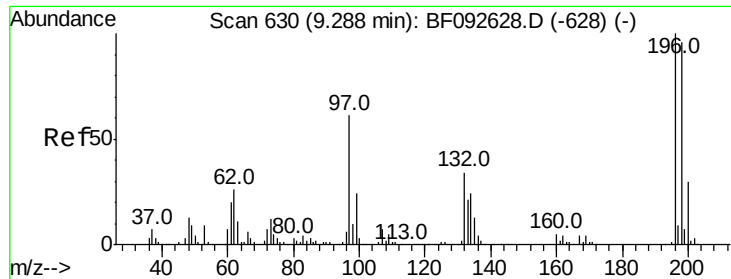
#42
 2,4,6-Trichlorophenol
 Concen: 55.79 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

Tgt Ion:196 Resp: 344905
 Ion Ratio Lower Upper
 196 100
 198 96.8 82.1 123.1
 200 30.9 27.0 40.4



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

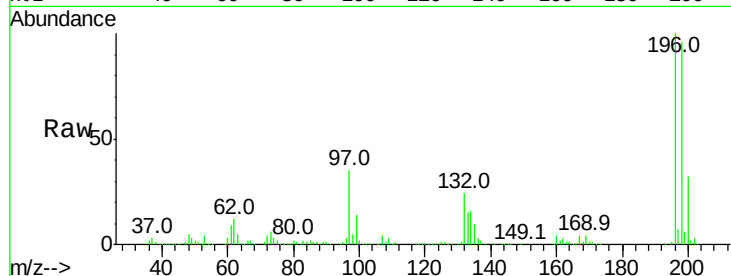




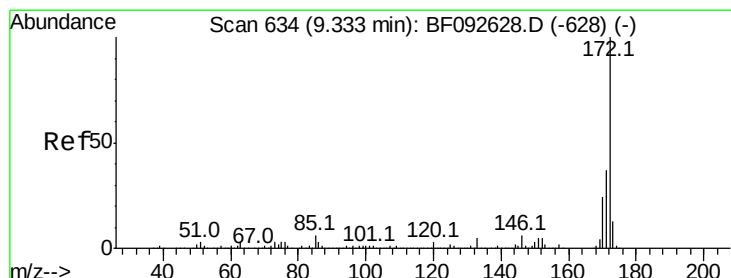
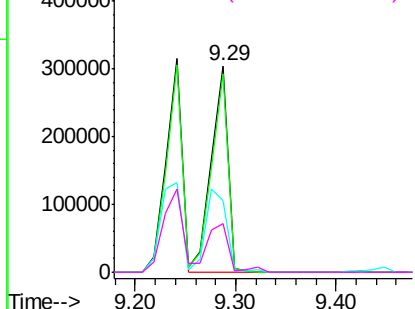
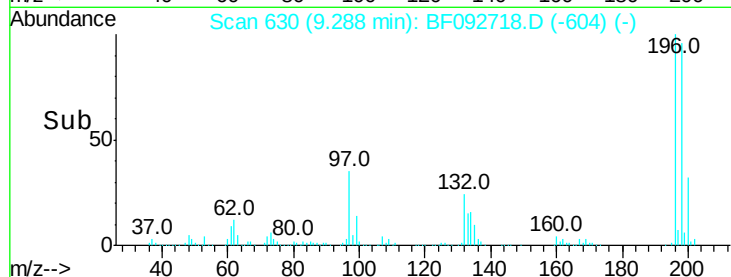
#43
 2,4,5-Trichlorophenol
 Concen: 52.18 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMS

Tot Ion:196 Resp: 353436
 Ion Ratio Lower Upper
 196 100
 198 96.0 79.4 119.2
 97 34.6 51.5 77.3#
 132 23.6 27.4 41.2#

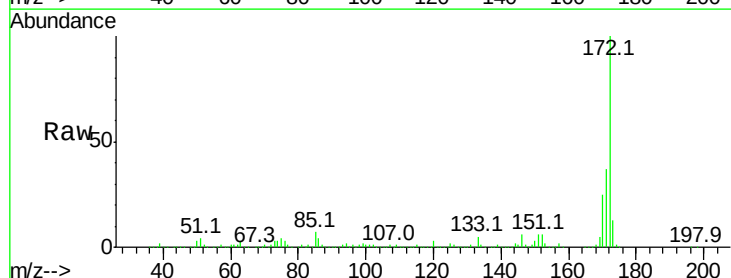


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

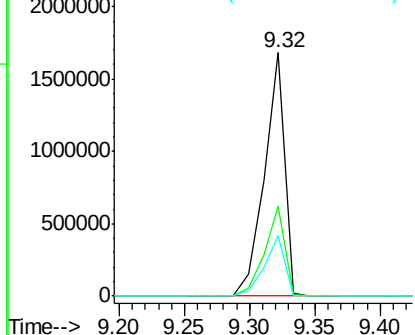
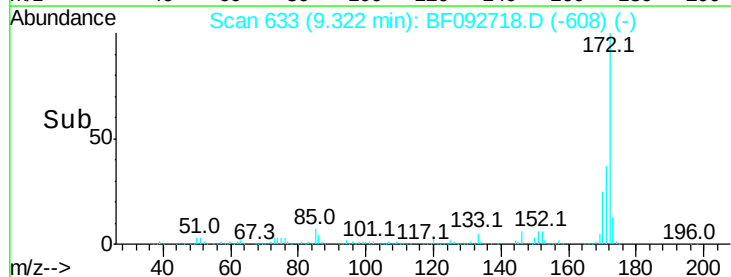


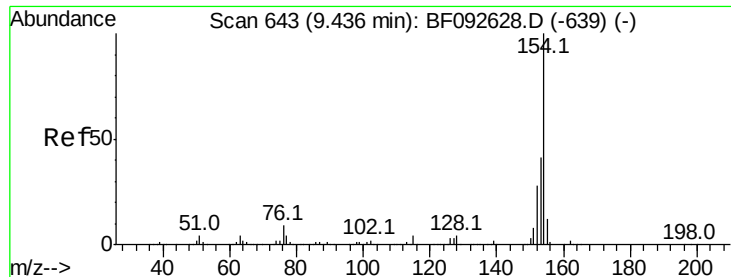
#44
 2-Fluorobiphenyl
 Concen: 98.98 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

Tgt Ion:172 Resp: 1831167
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.9 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: 55.37 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMS

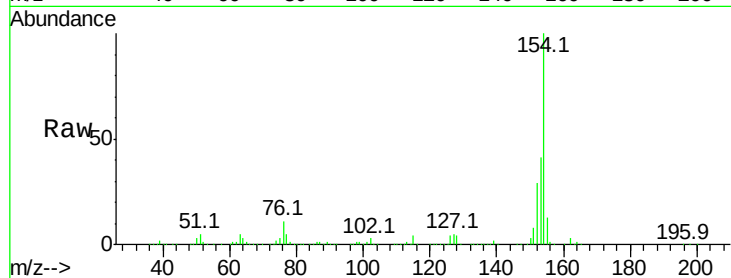
Tot Ion:154 Resp: 1343820

Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

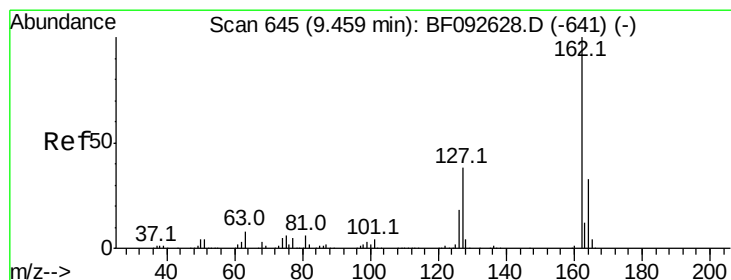
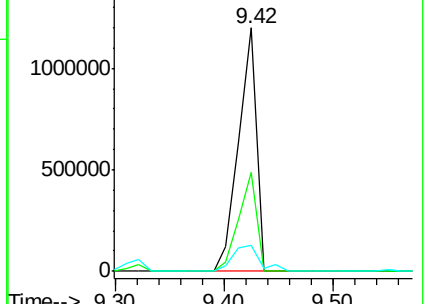
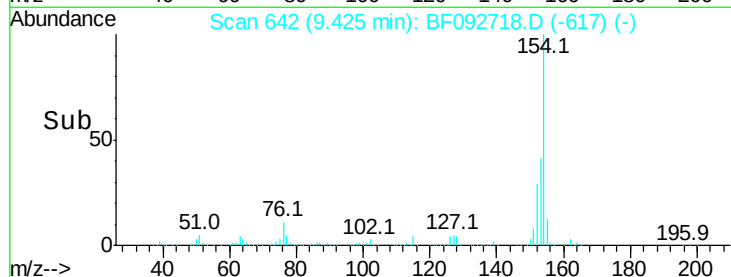
76 10.8 0.0 30.5



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: 53.06 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

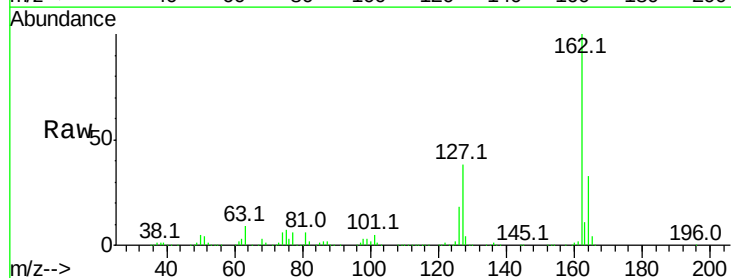
Tgt Ion:162 Resp: 1007352

Ion Ratio Lower Upper

162 100

127 38.3 30.7 46.1

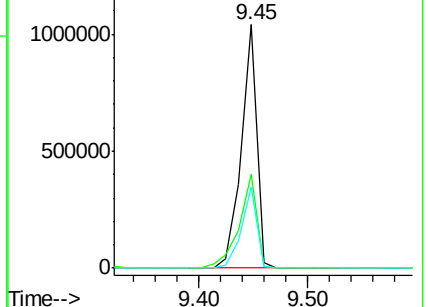
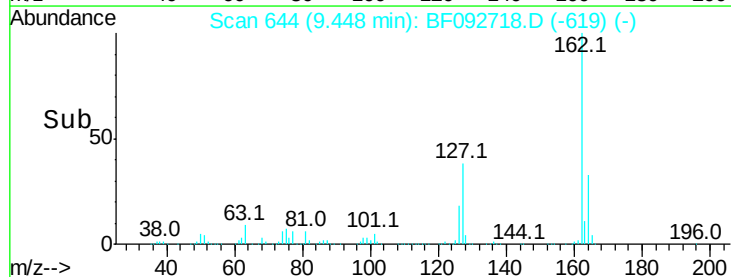
164 33.2 27.6 41.4

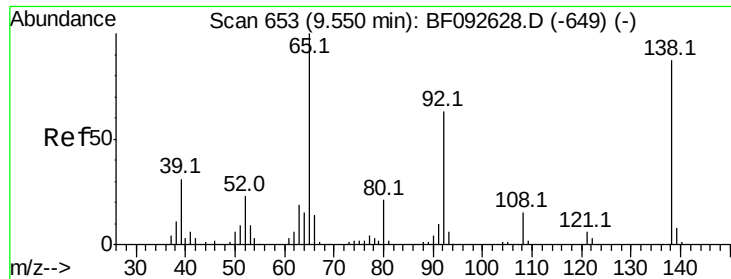


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

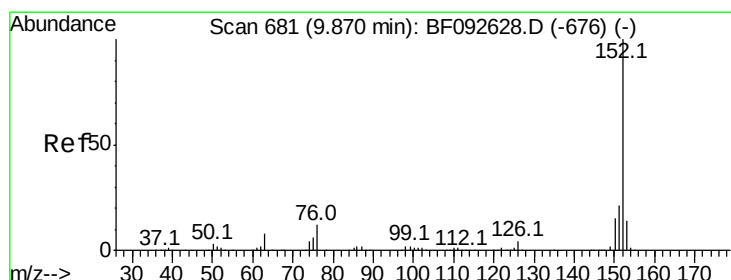
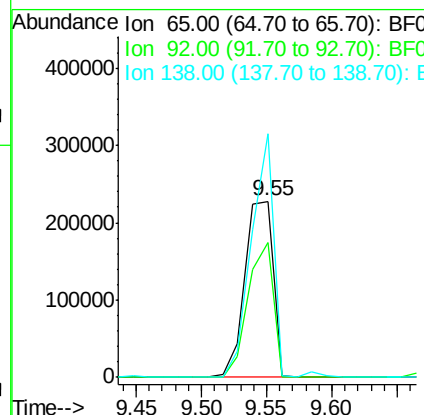
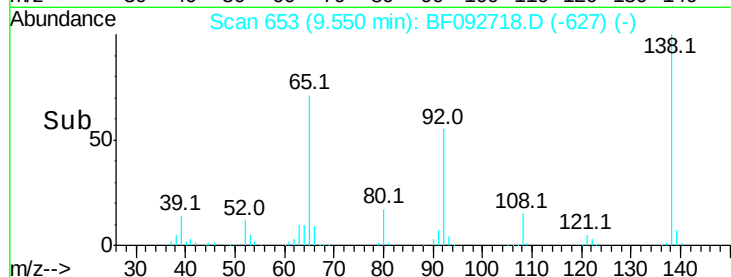
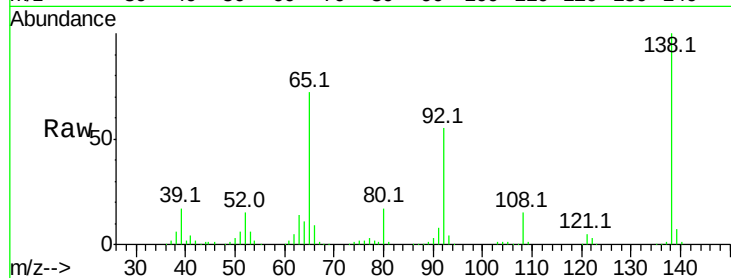




#47
 2-Nitroaniline
 Concen: 53.84 ng
 RT: 9.55 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

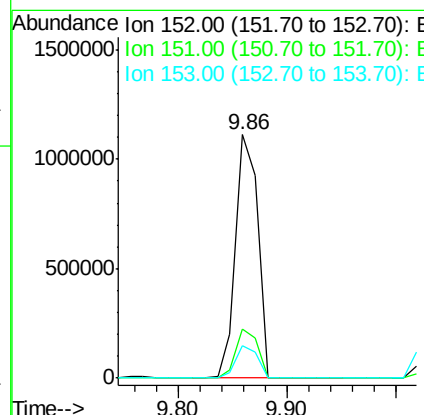
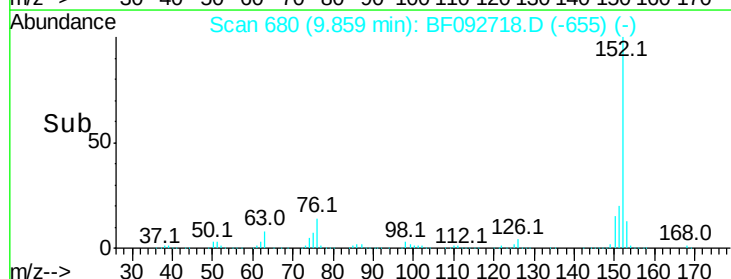
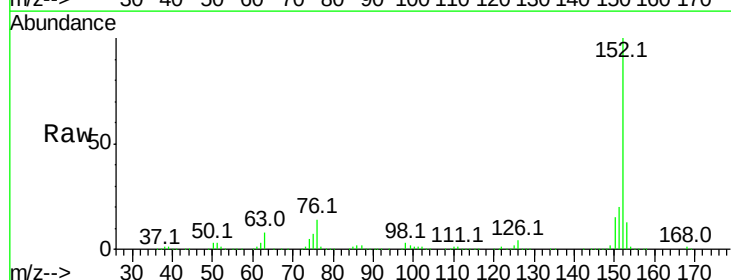
Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMS

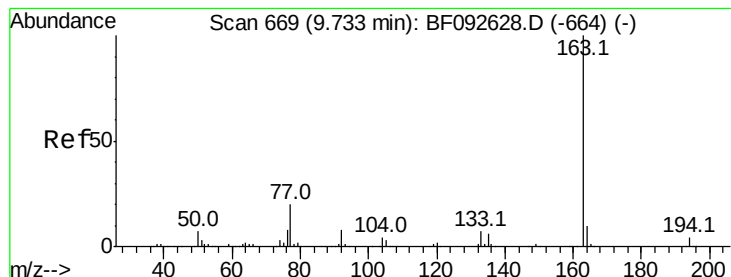
Tot Ion: 65 Resp: 343675
 Ion Ratio Lower Upper
 65 100
 92 76.7 53.9 80.9
 138 138.3 76.8 115.2#



#48
 Acenaphthylene
 Concen: 47.07 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

Tgt Ion:152 Resp: 1543886
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.9 25.3
 153 13.4 11.4 17.2





#49

Dimethylphthalate

Concen: 66.54 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMS

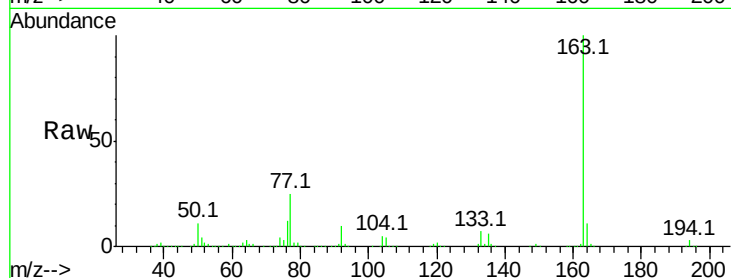
Tot Ion:163 Resp: 1502201

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

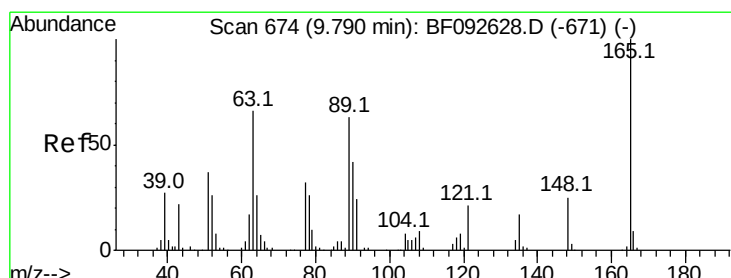
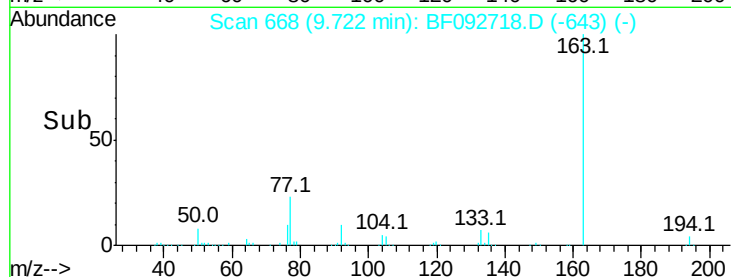
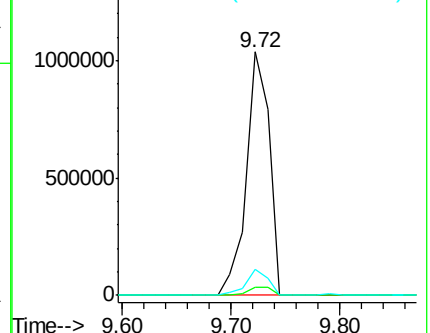
164 10.6 8.0 12.0



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: 57.45 ng

RT: 9.79 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

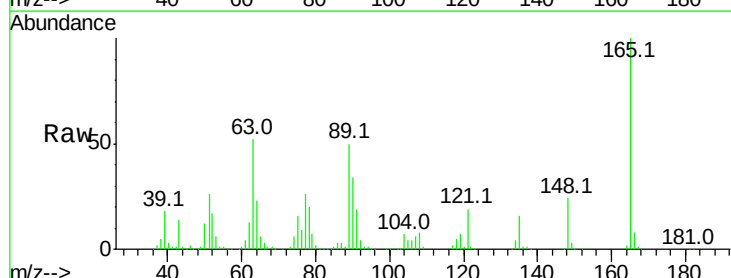
Tgt Ion:165 Resp: 280114

Ion Ratio Lower Upper

165 100

63 52.3 36.2 54.4

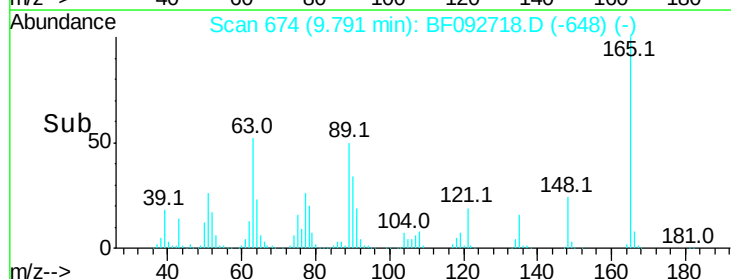
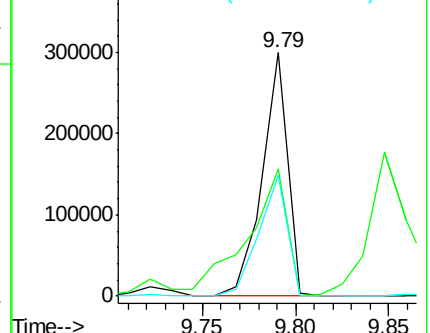
89 49.6 40.2 60.4

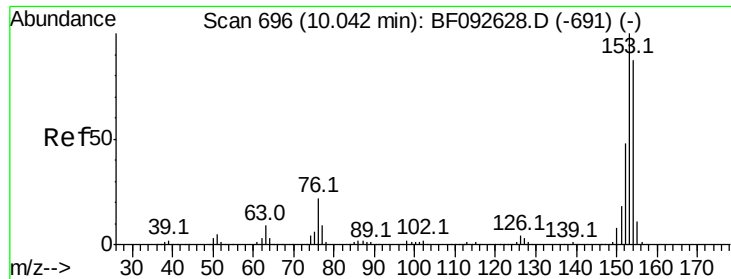


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.78 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMS

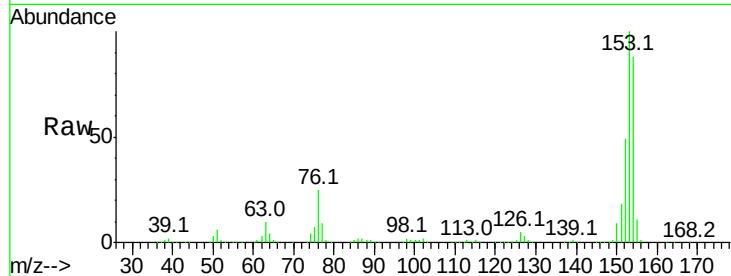
Tot Ion:154 Resp: 976185

Ion Ratio Lower Upper

154 100

153 113.8 88.6 133.0

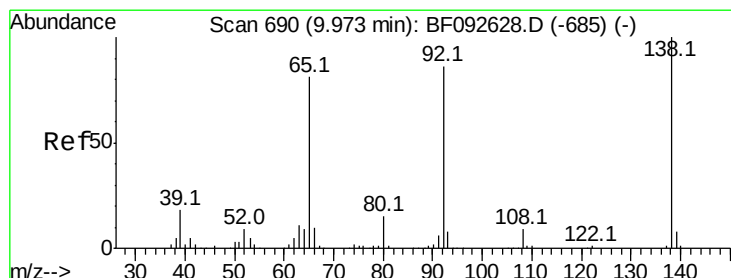
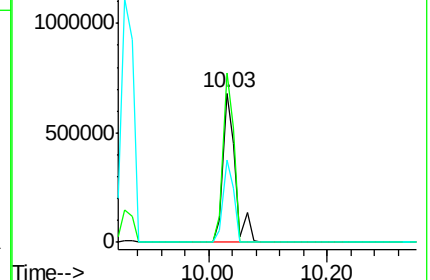
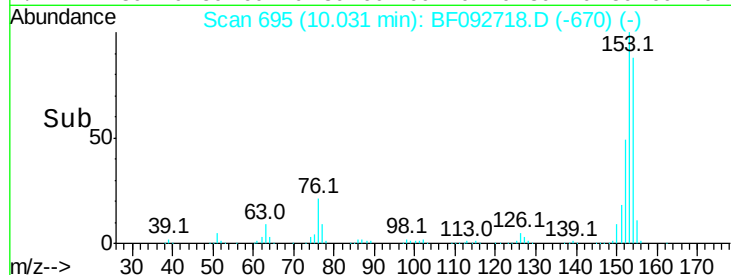
152 55.5 41.6 62.4



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: 20.02 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

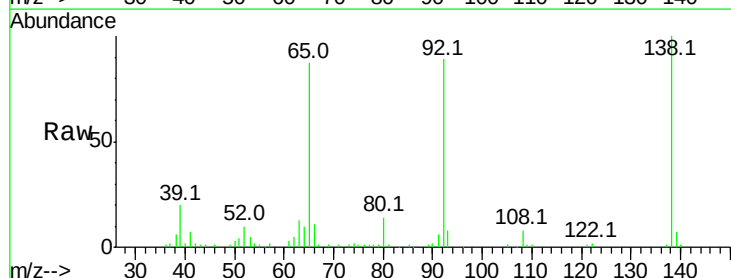
Tgt Ion:138 Resp: 111682

Ion Ratio Lower Upper

138 100

108 8.5 8.5 12.7#

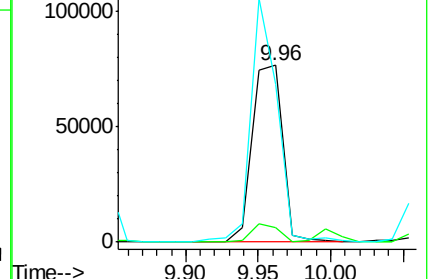
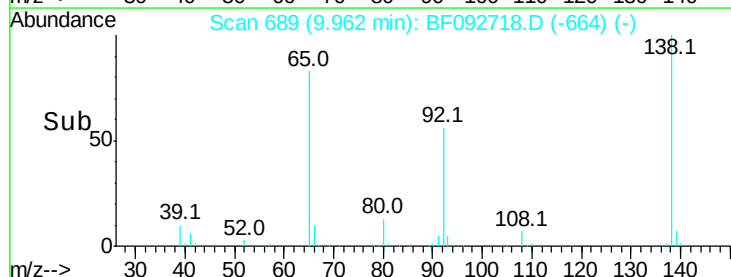
92 89.3 97.8 146.8#

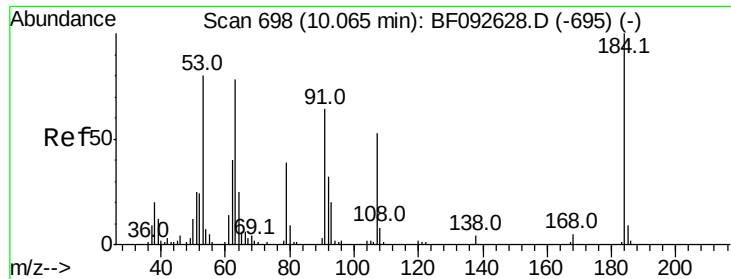


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

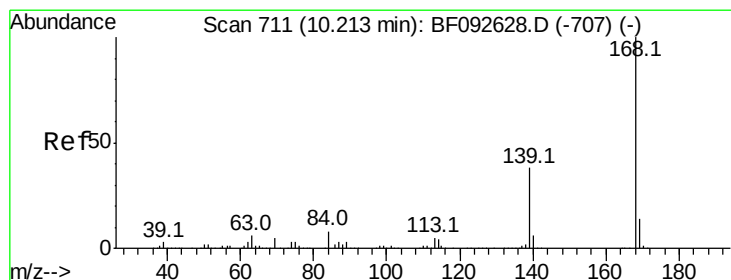
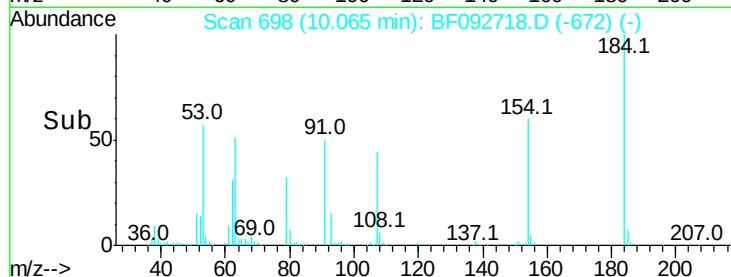
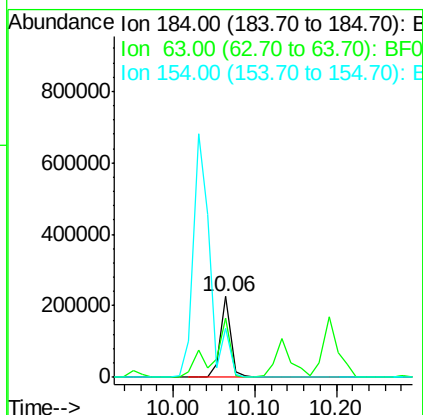
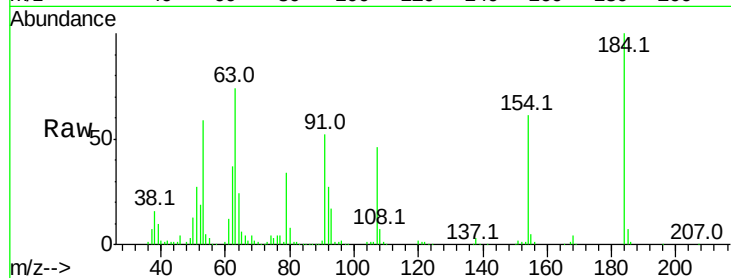




#53
2,4-Dinitrophenol
Concen: 81.33 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

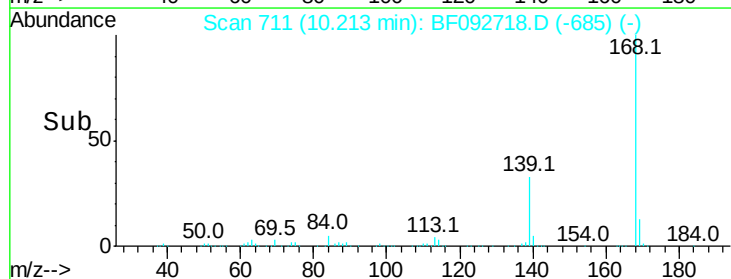
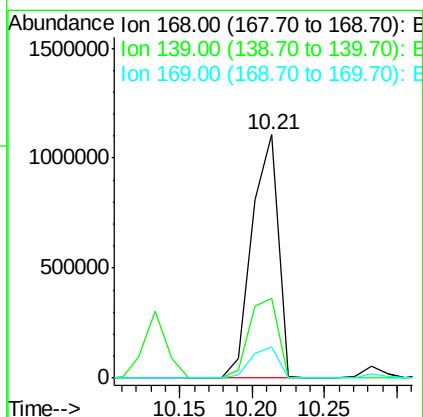
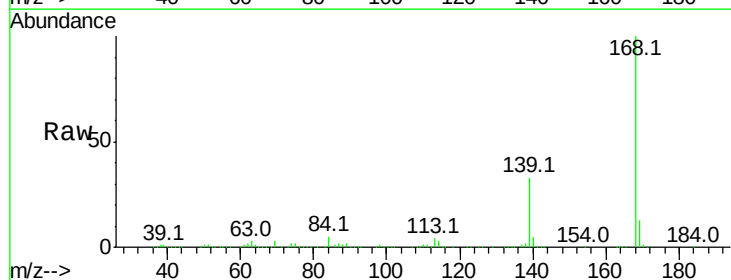
Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMS

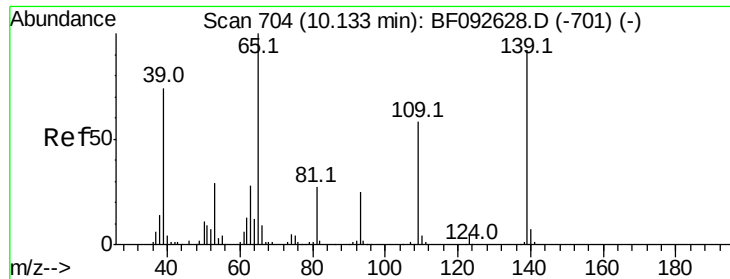
Tot Ion:184 Resp: 201925
Ion Ratio Lower Upper
184 100
63 74.1 28.4 42.6#
154 60.6 44.3 66.5



#54
Dibenzofuran
Concen: 52.77 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

Tgt Ion:168 Resp: 1383974
Ion Ratio Lower Upper
168 100
139 32.9 32.6 49.0
169 12.7 11.3 16.9

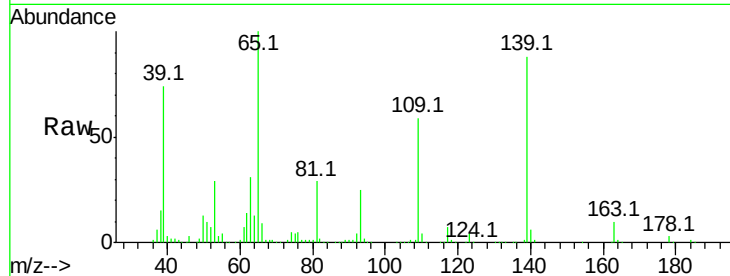




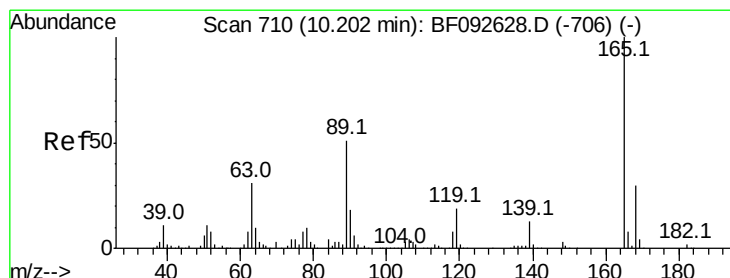
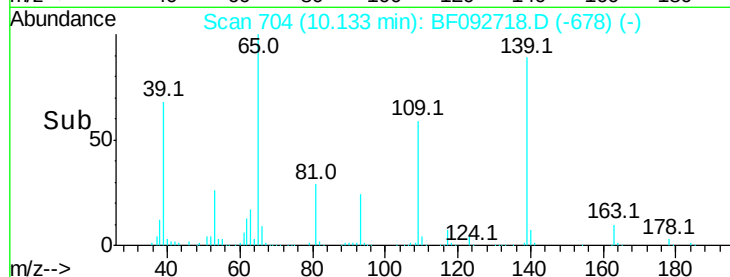
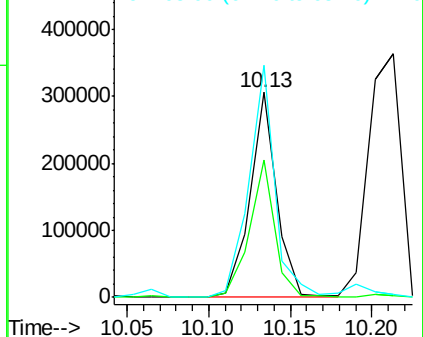
#55
4-Nitrophenol
Concen: 86.61 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMS

Tot Ion:139 Resp: 348072
Ion Ratio Lower Upper
139 100
109 66.8 52.2 92.2
65 113.3 85.8 125.8

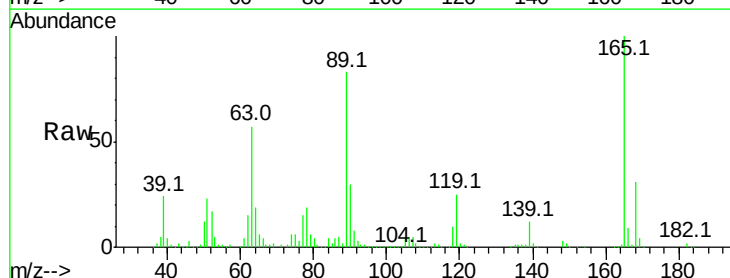


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

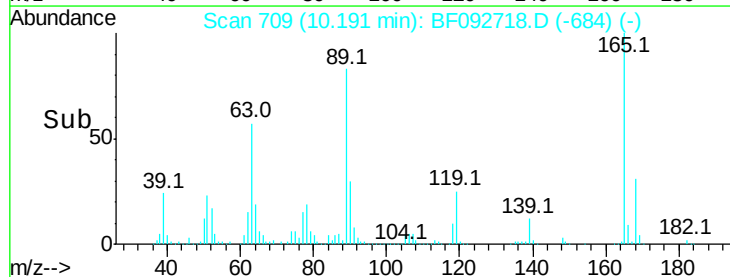
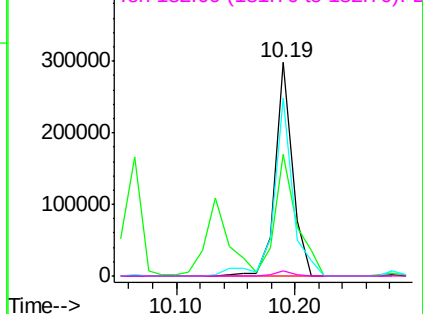


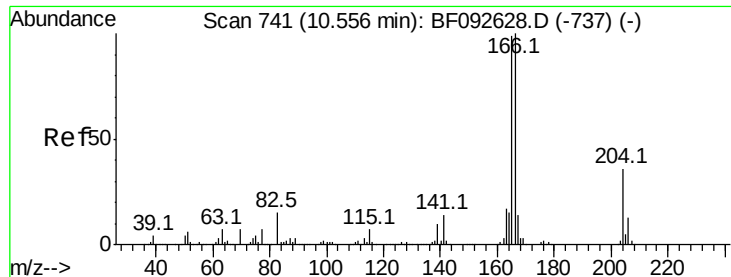
#56
2,4-Dinitrotoluene
Concen: 46.43 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

Tgt Ion:165 Resp: 301381
Ion Ratio Lower Upper
165 100
63 57.1 40.2 60.4
89 83.2 62.5 93.7
182 2.2 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

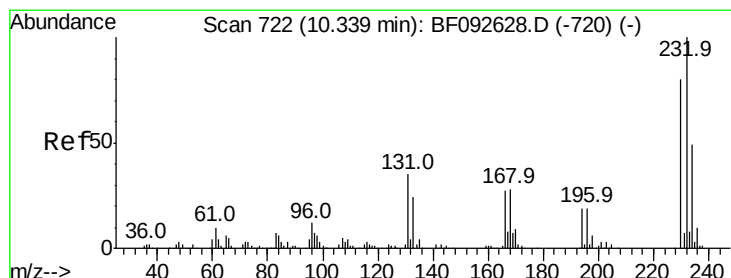
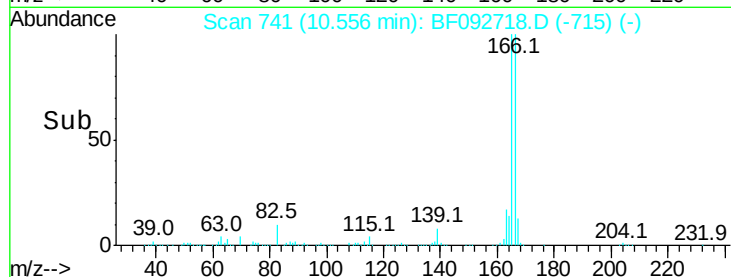
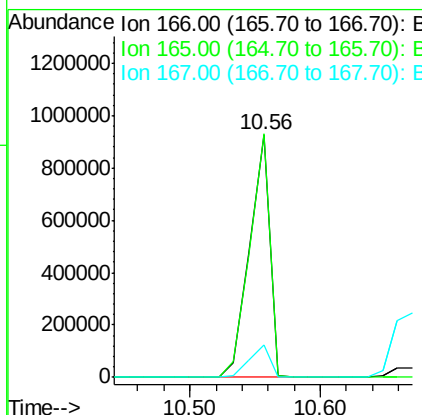
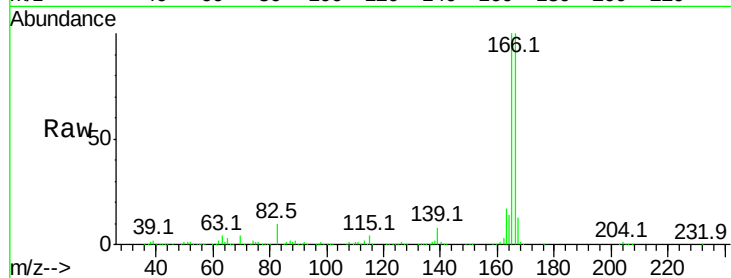




#57
 Fluorene
 Concen: 49.80 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

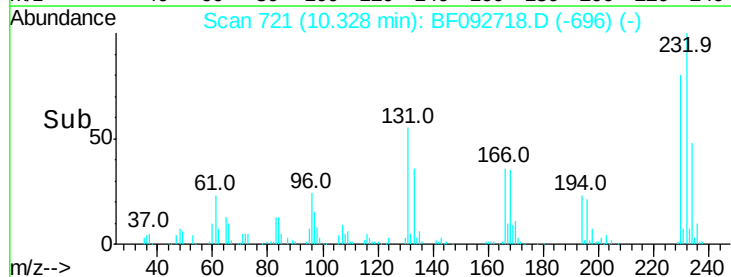
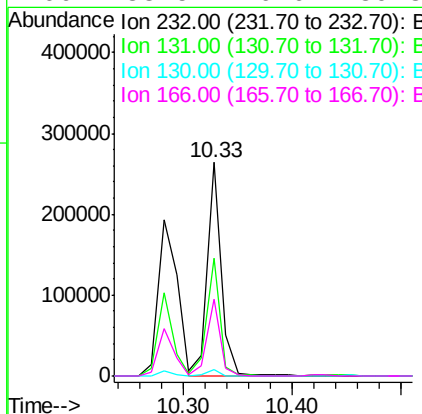
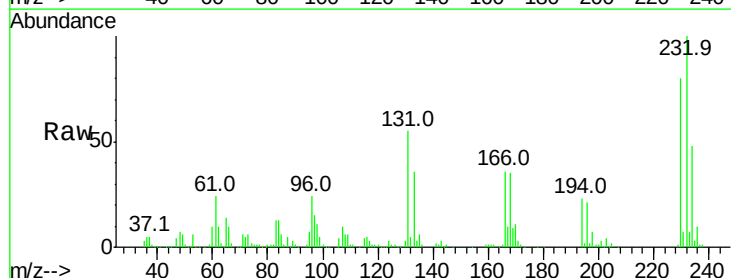
Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMS

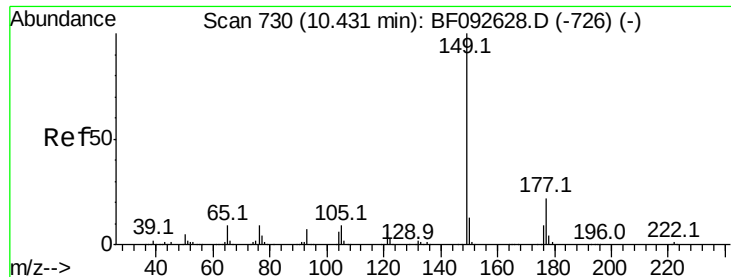
Tot Ion:166 Resp: 1004832
 Ion Ratio Lower Upper
 166 100
 165 100.5 77.8 116.8
 167 13.4 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.05 ng
 RT: 10.33 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

Tgt Ion:232 Resp: 239734
 Ion Ratio Lower Upper
 232 100
 131 52.5 40.1 60.1
 130 2.7 1.8 2.8
 166 33.5 26.6 39.8

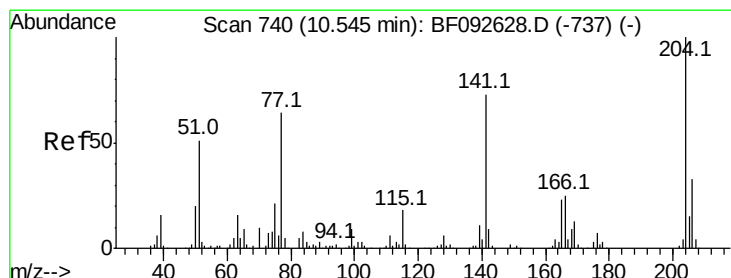
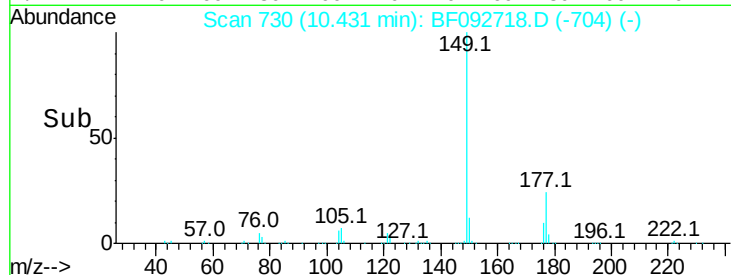
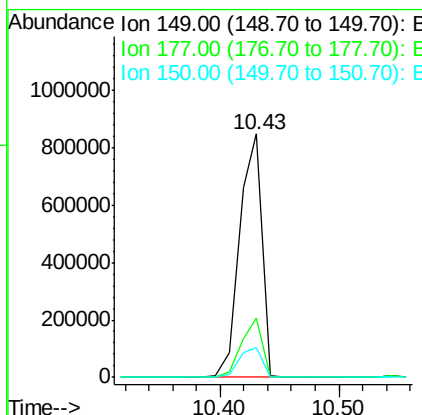
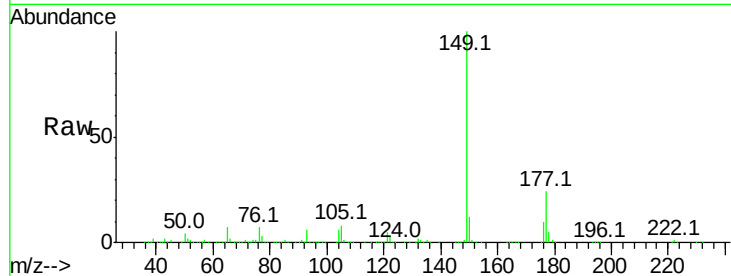




#59
 Diethylphthalate
 Concen: 51.77 ng
 RT: 10.43 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

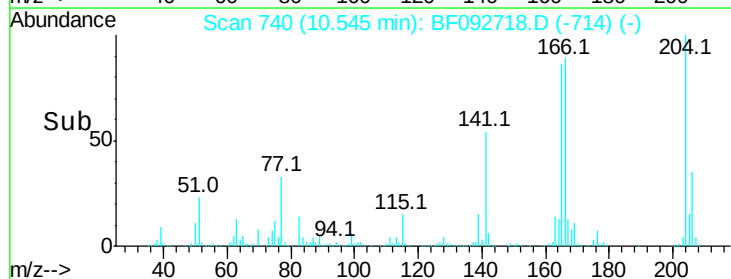
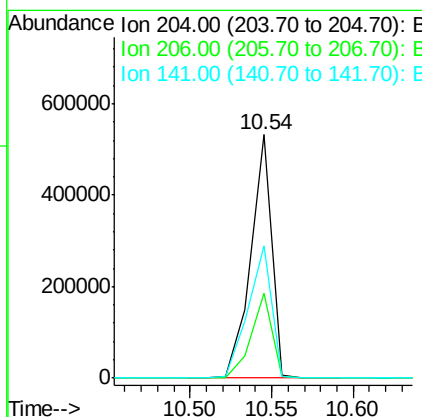
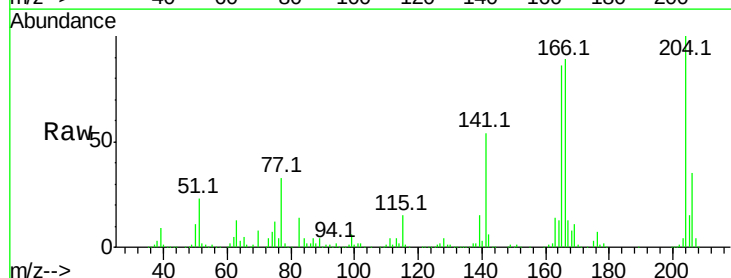
Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMS

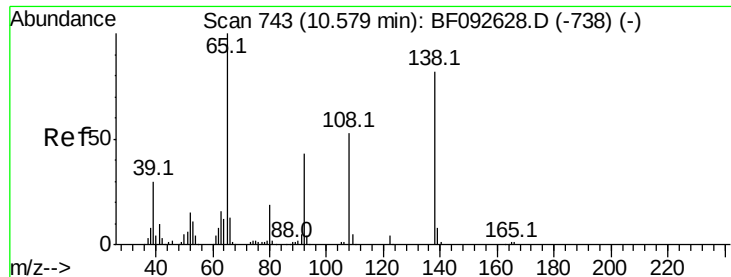
Tot Ion:149 Resp: 1101443
 Ion Ratio Lower Upper
 149 100
 177 24.5 16.6 25.0
 150 12.2 10.4 15.6



#60
 4-Chlorophenyl-phenylether
 Concen: 48.97 ng
 RT: 10.54 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

Tgt Ion:204 Resp: 474761
 Ion Ratio Lower Upper
 204 100
 206 34.8 25.8 38.6
 141 54.2 59.4 89.0#

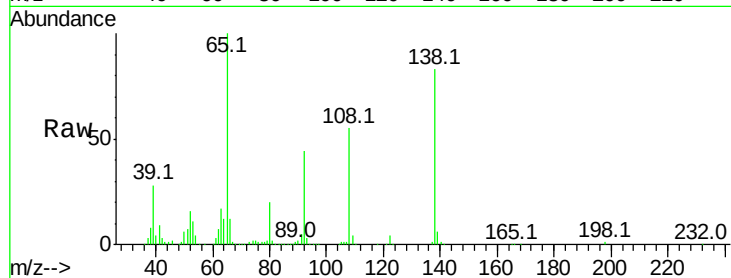




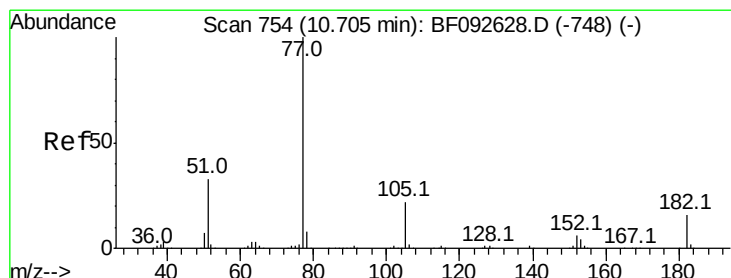
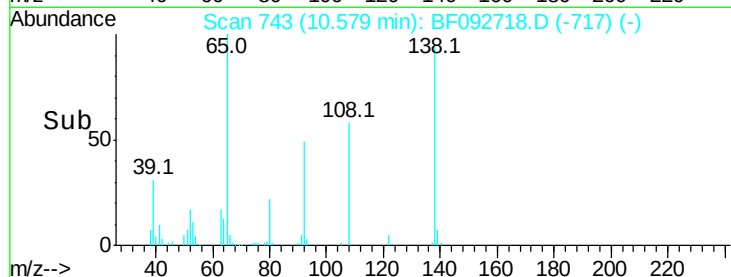
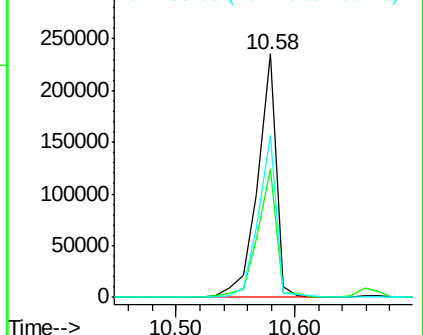
#61
4-Nitroaniline
Concen: 45.64 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMS

Tot Ion:138 Resp: 260856
Ion Ratio Lower Upper
138 100
92 52.6 31.7 71.7
108 66.4 52.6 92.6

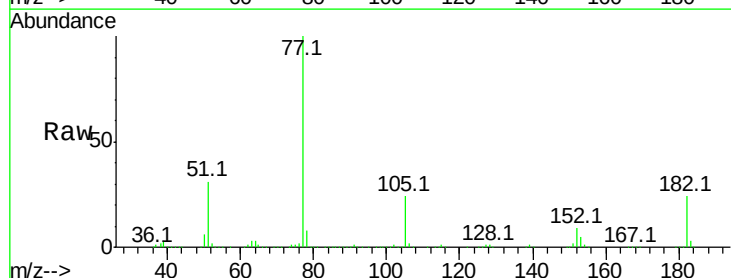


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

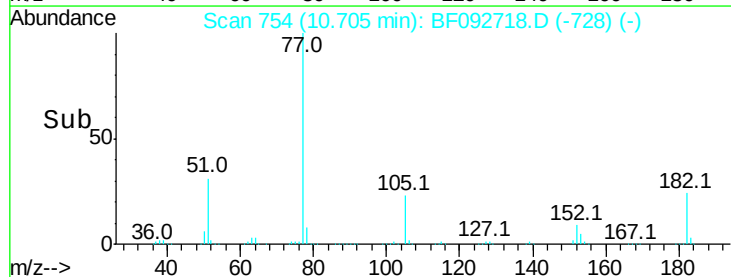
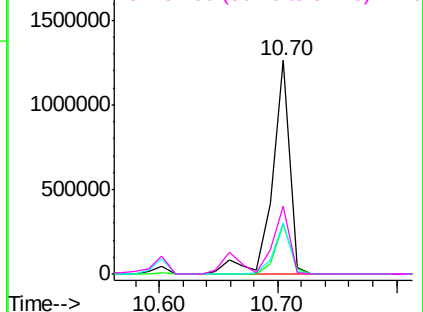


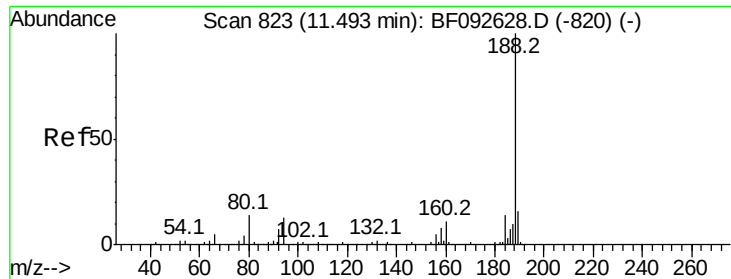
#62
Azobenzene
Concen: 58.74 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

Tgt Ion: 77 Resp: 1291136
Ion Ratio Lower Upper
77 100
182 23.6 0.0 39.3
105 23.8 2.3 42.3
51 31.5 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

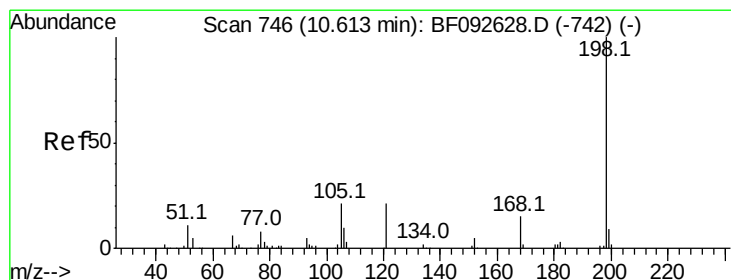
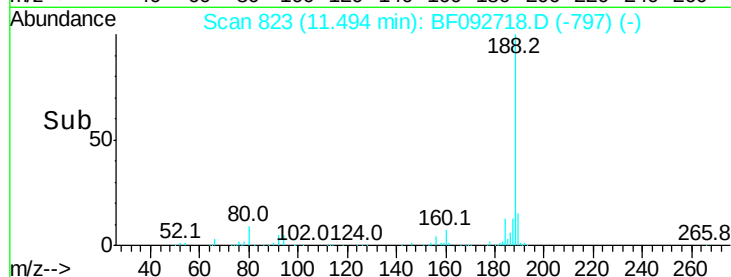
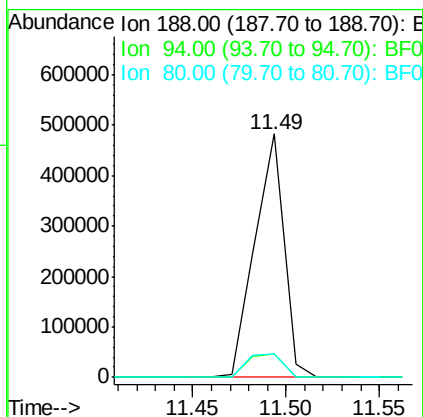
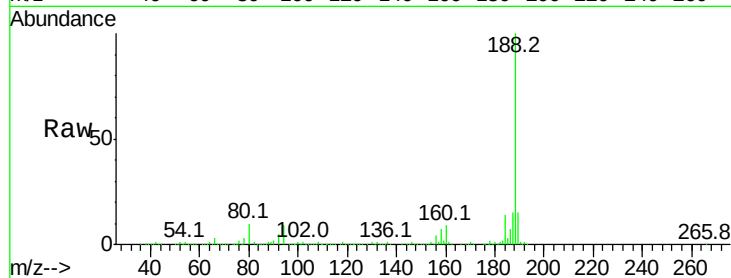




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

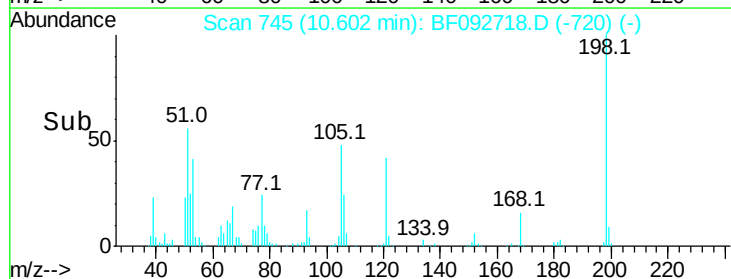
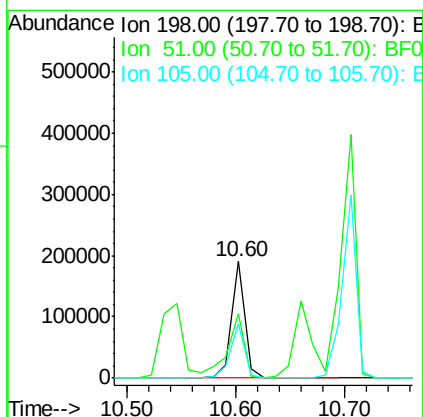
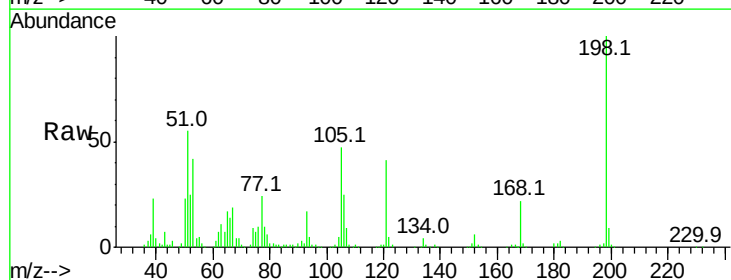
Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMS

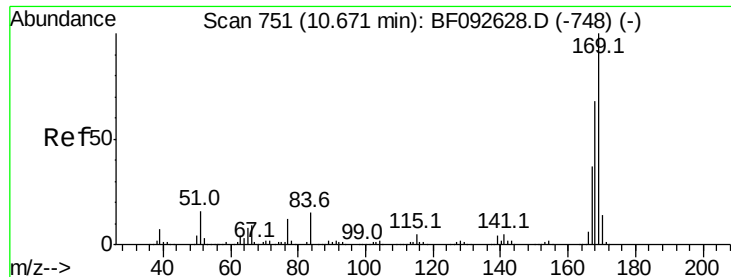
Tot Ion:188 Resp: 522531
Ion Ratio Lower Upper
188 100
94 9.4 10.0 15.0#
80 9.6 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 50.44 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

Tgt Ion:198 Resp: 160881
Ion Ratio Lower Upper
198 100
51 55.2 6.7 46.7#
105 47.0 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 54.05 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMS

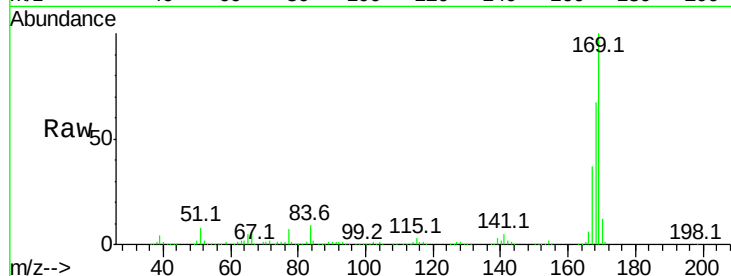
Tot Ion:169 Resp: 902168

Ion Ratio Lower Upper

169 100

168 66.9 54.2 81.2

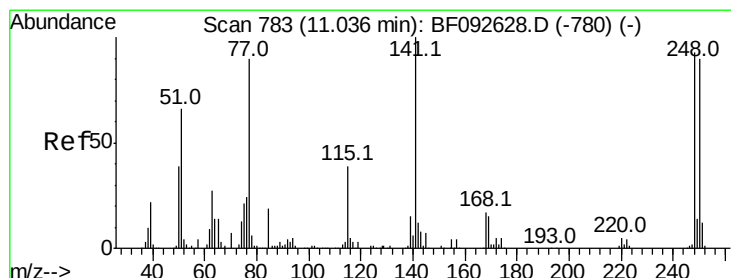
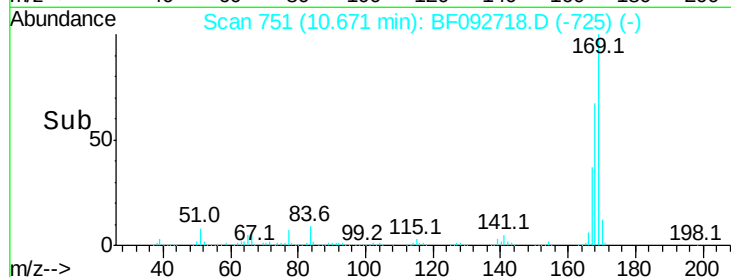
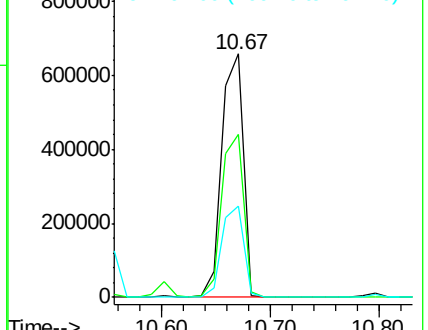
167 37.3 30.2 45.4



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: 52.00 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

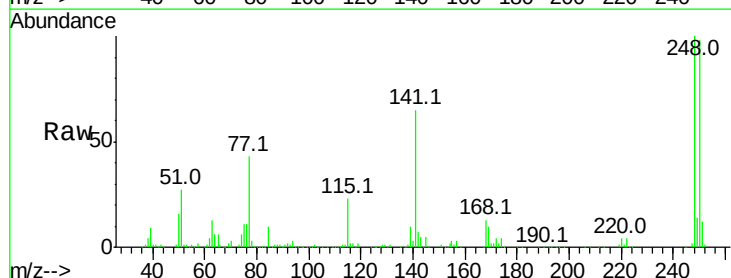
Tgt Ion:248 Resp: 283895

Ion Ratio Lower Upper

248 100

250 98.1 76.9 115.3

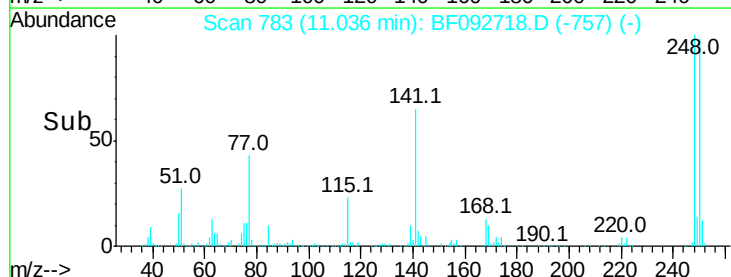
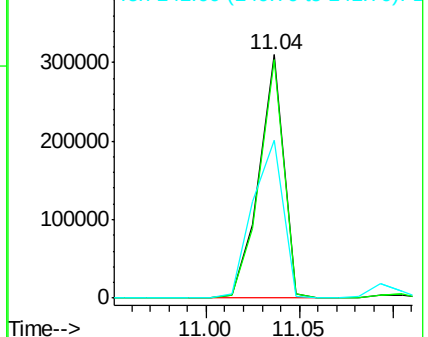
141 64.7 68.2 102.4#

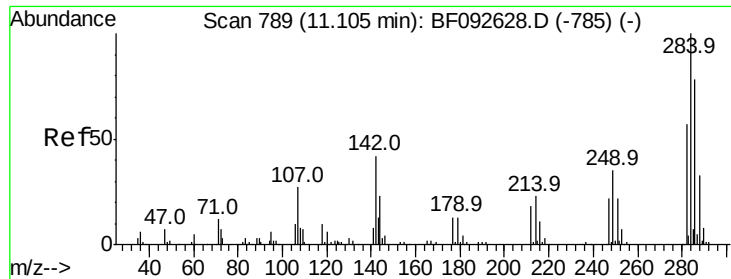


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

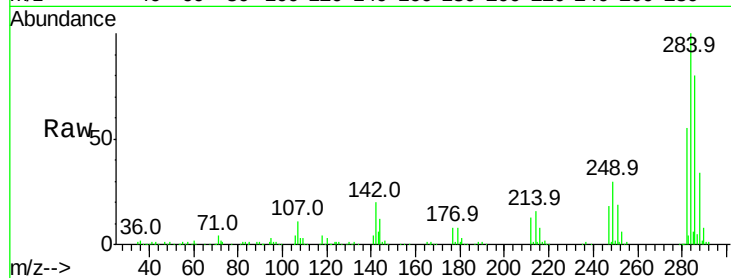




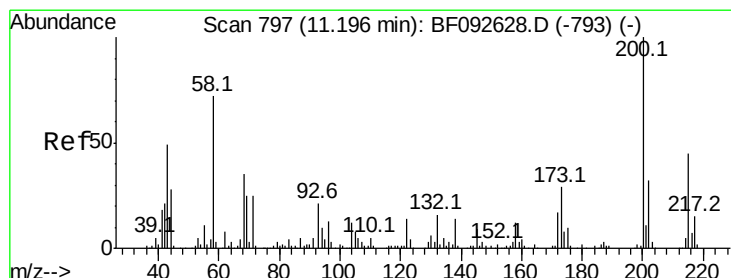
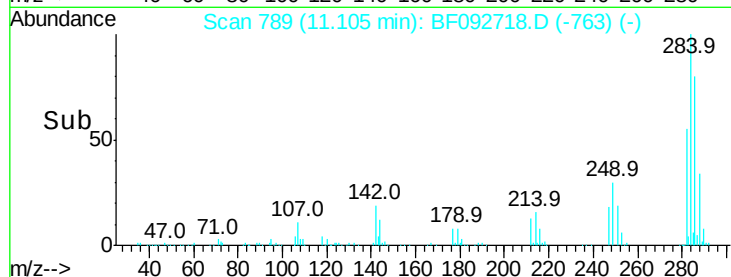
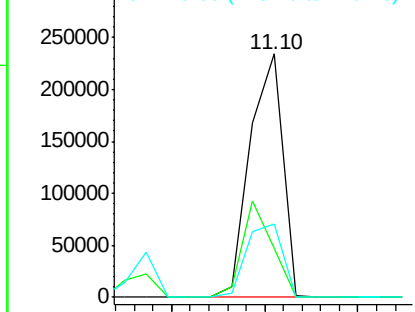
#67
Hexachlorobenzene
Concen: 52.59 ng
RT: 11.10 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMS

Tot Ion:284 Resp: 283706
Ion Ratio Lower Upper
284 100
142 19.9 22.6 33.8#
249 30.0 25.4 38.0

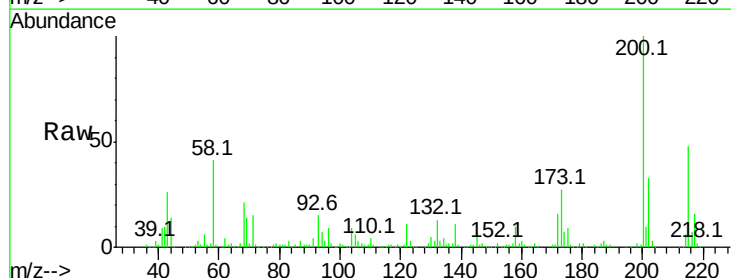


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

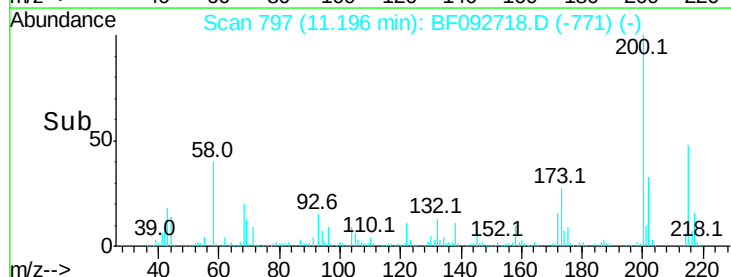
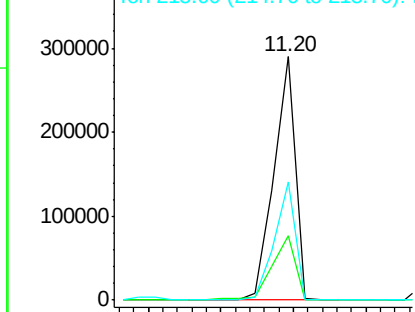


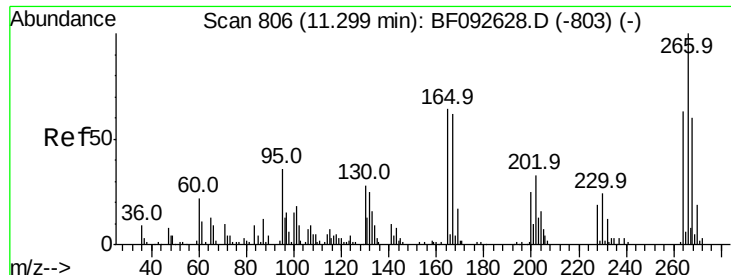
#68
Atrazine
Concen: 55.11 ng
RT: 11.20 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

Tgt Ion:200 Resp: 295228
Ion Ratio Lower Upper
200 100
173 26.7 9.6 49.6
215 48.3 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

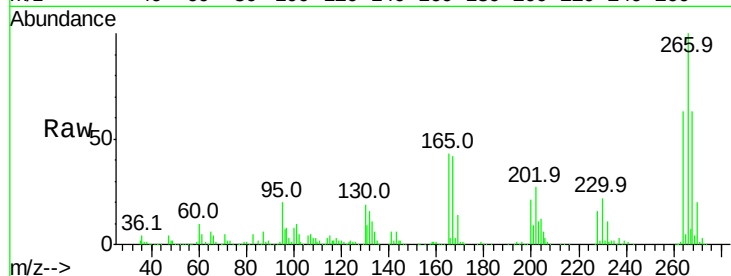




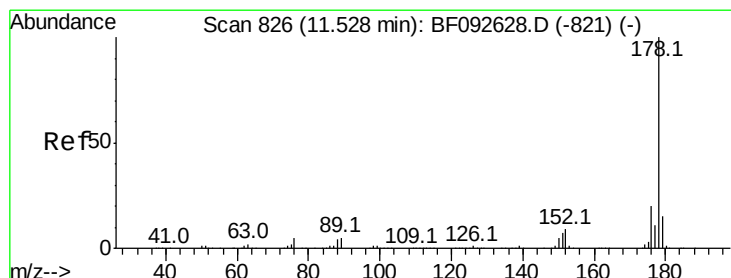
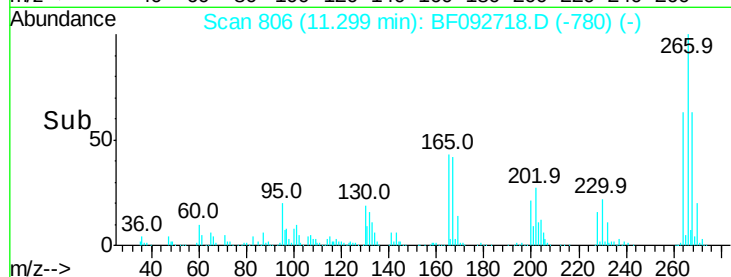
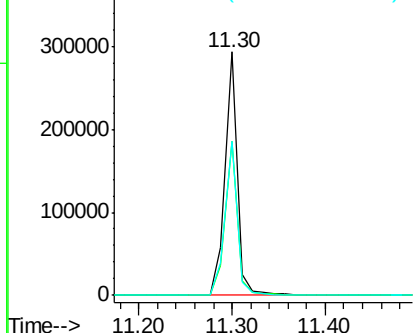
#69
 Pentachlorophenol
 Concen: 95.06 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	53.3	79.9
264	63.3	50.3	75.5

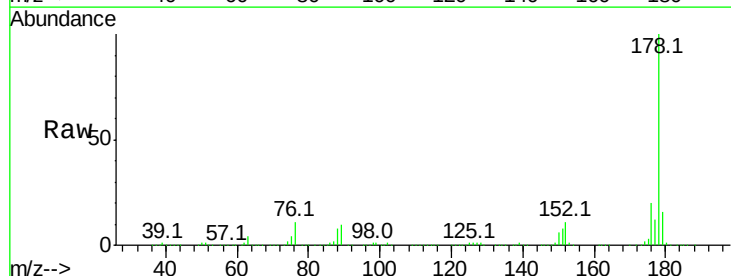


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

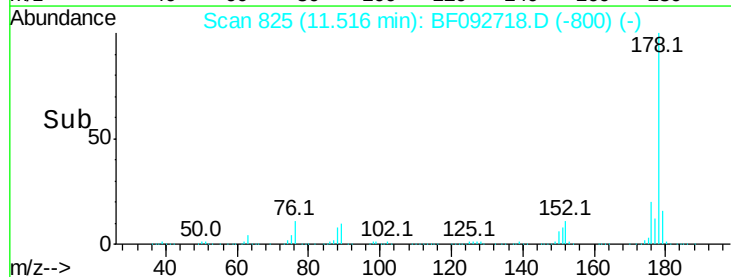
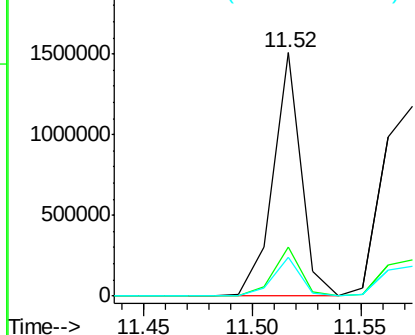


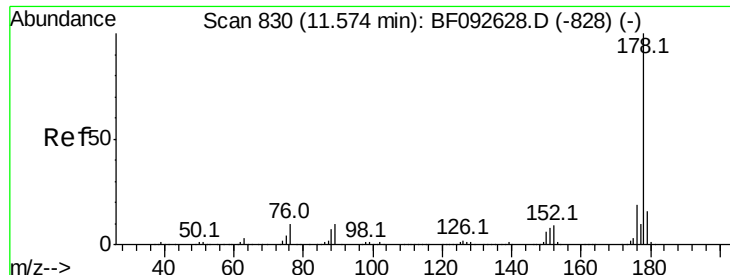
#70
 Phenanthrene
 Concen: 45.44 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.6	25.0
179	15.8	12.8	19.2



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

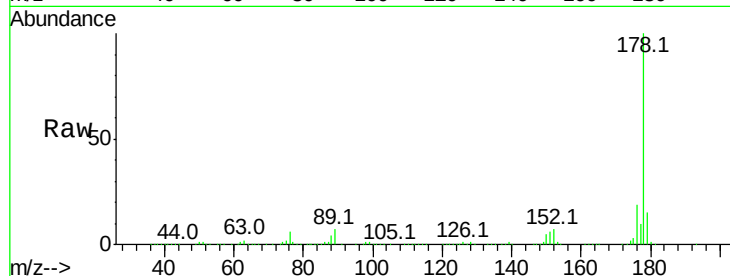




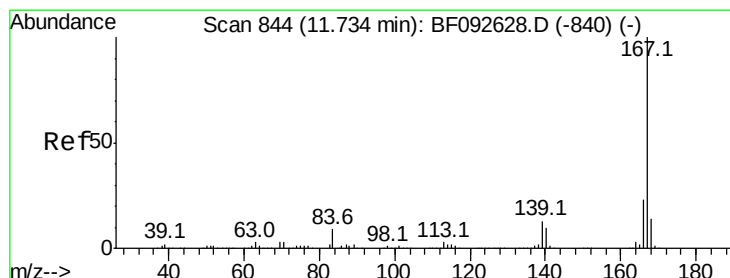
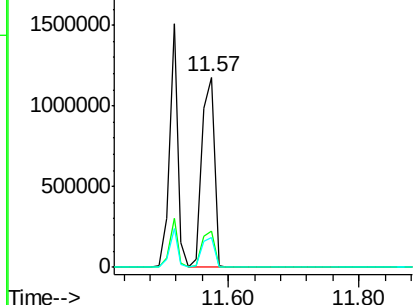
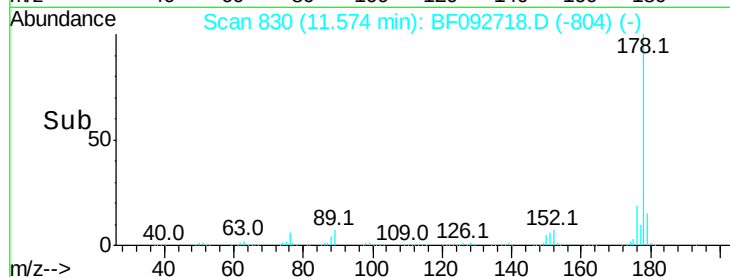
#71
 Anthracene
 Concen: 51.00 ng
 RT: 11.57 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMS

Tot Ion:178 Resp: 1533133
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.9 23.9
 179 15.4 13.2 19.8

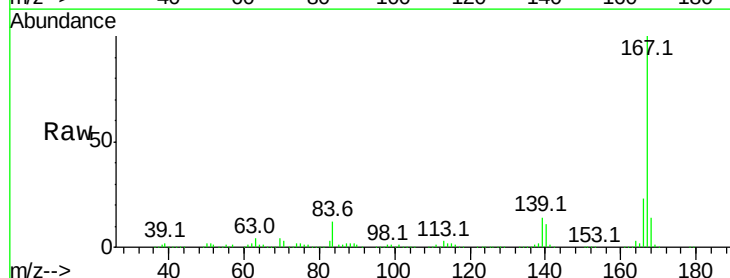


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

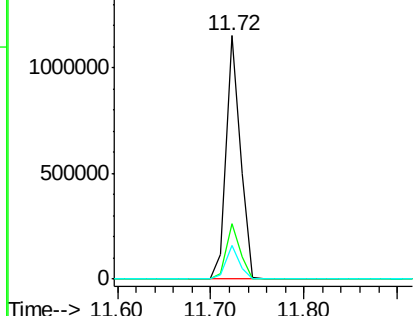
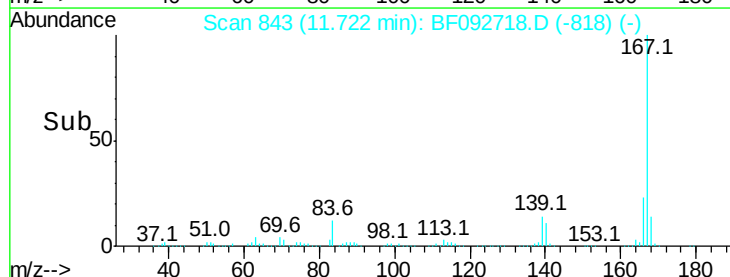


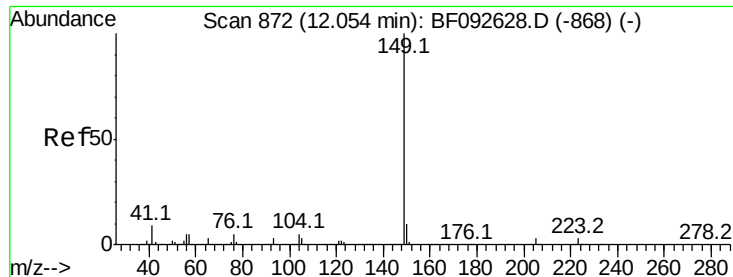
#72
 Carbazole
 Concen: 42.67 ng
 RT: 11.72 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

Tgt Ion:167 Resp: 1226146
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 14.0 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: 53.91 ng

RT: 12.05 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMS

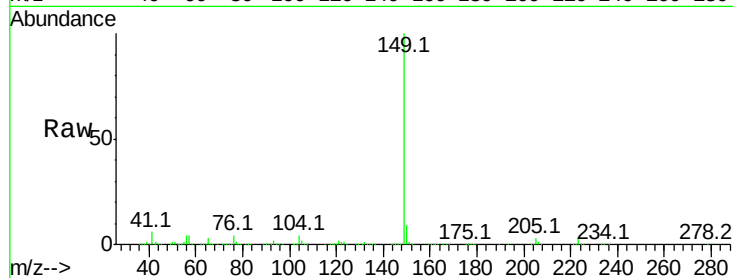
Tot Ion:149 Resp: 1675614

Ion Ratio Lower Upper

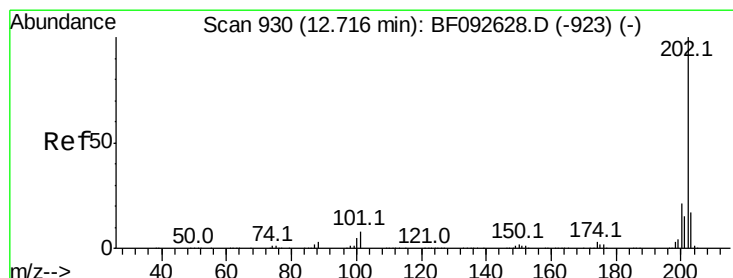
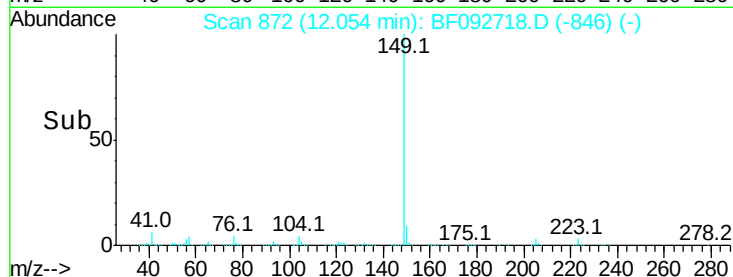
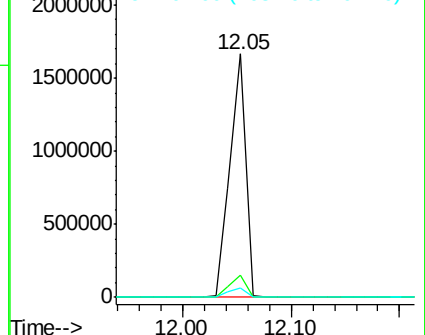
149 100

150 9.3 8.1 12.1

104 4.0 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: 43.38 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

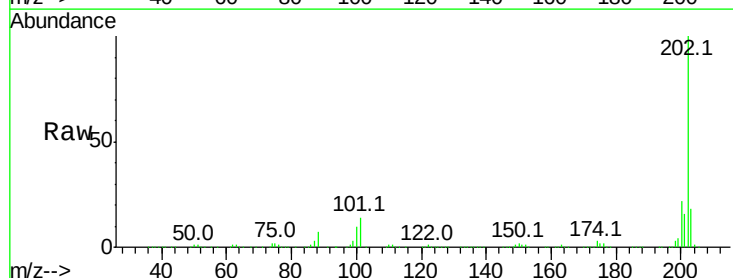
Tgt Ion:202 Resp: 1339665

Ion Ratio Lower Upper

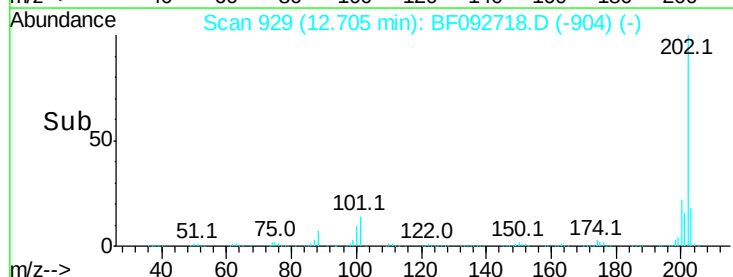
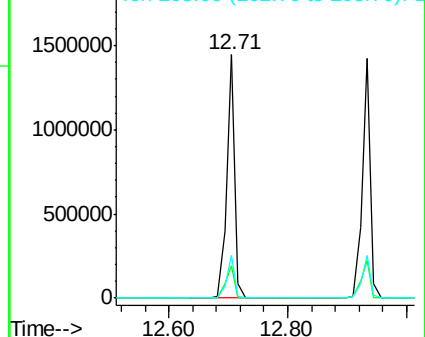
202 100

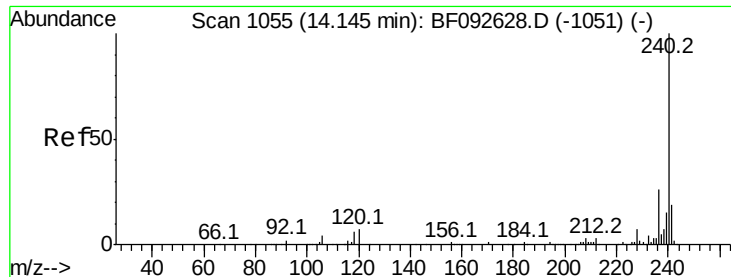
101 13.5 0.0 34.6

203 17.5 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: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMS

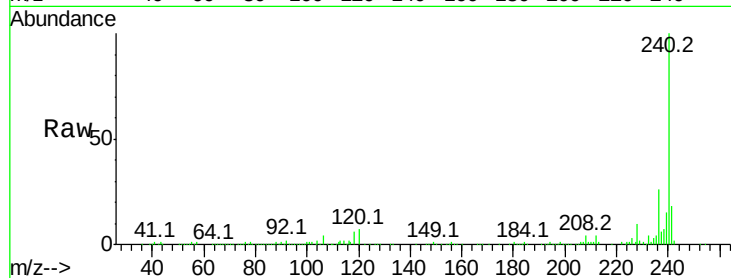
Tot Ion:240 Resp: 312143

Ion Ratio Lower Upper

240 100

120 6.8 12.9 19.3#

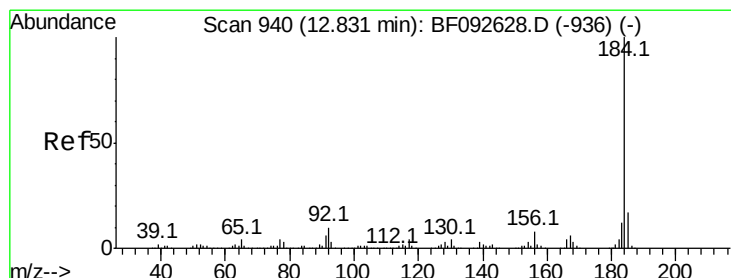
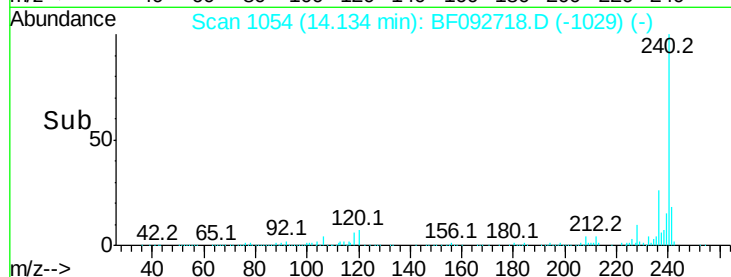
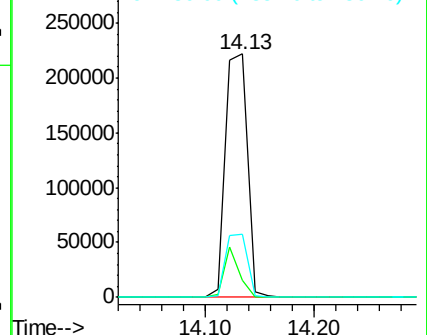
236 25.8 20.9 31.3



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: 17.19 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

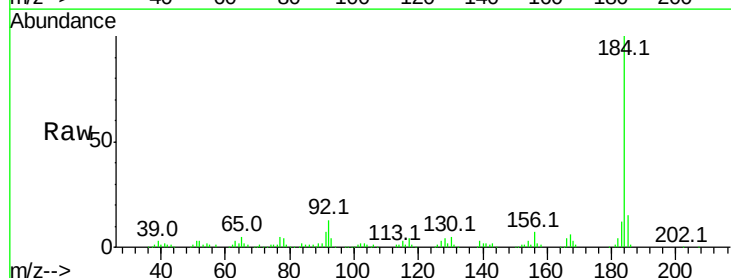
Tgt Ion:184 Resp: 228637

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

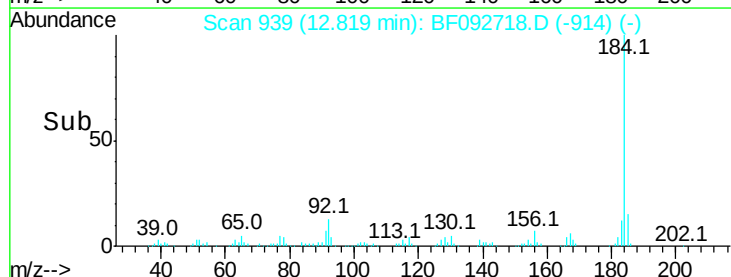
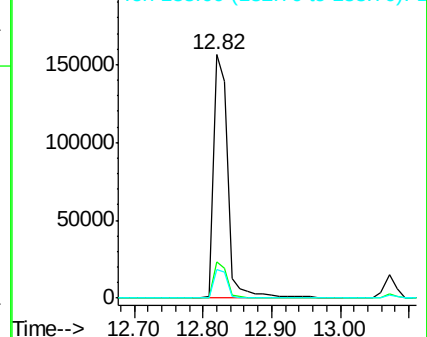
183 11.5 9.2 13.8

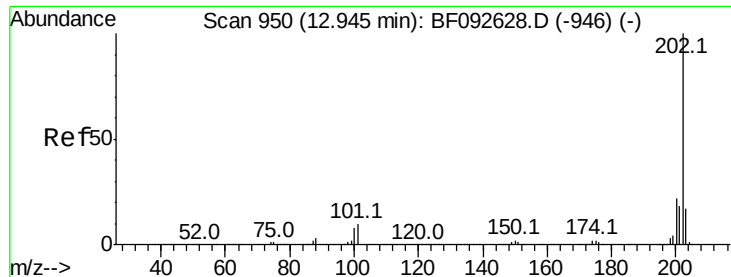


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

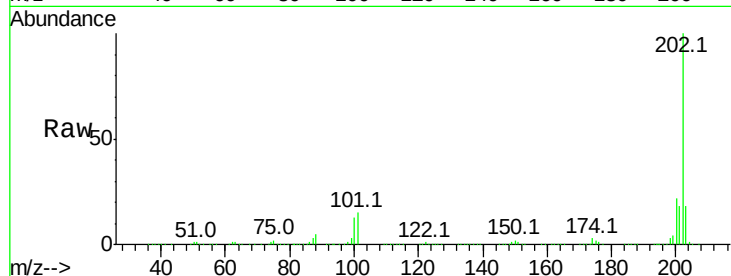




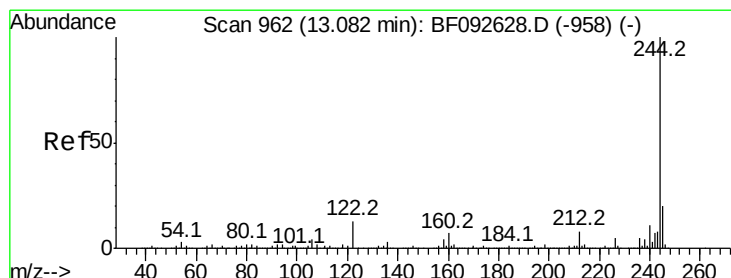
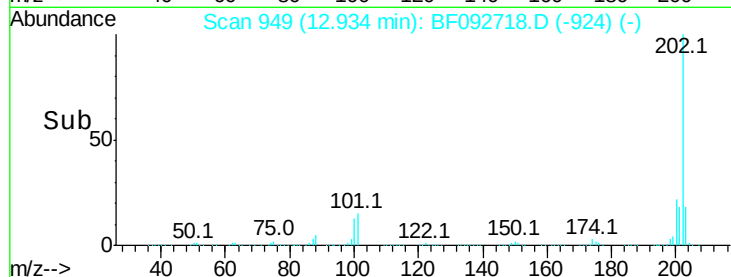
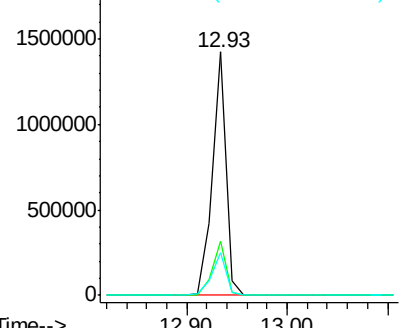
#77
Pvrene
Concen: 57.49 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMS

Tot Ion:202 Resp: 1342884
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 17.8 14.7 22.1

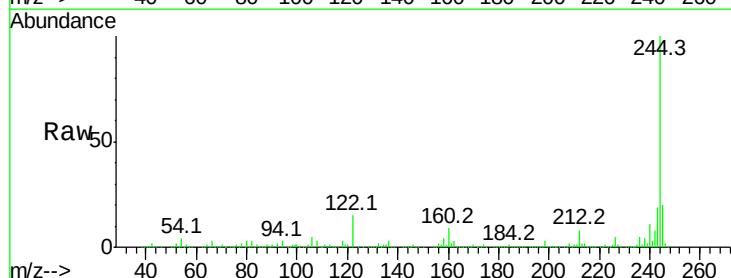


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

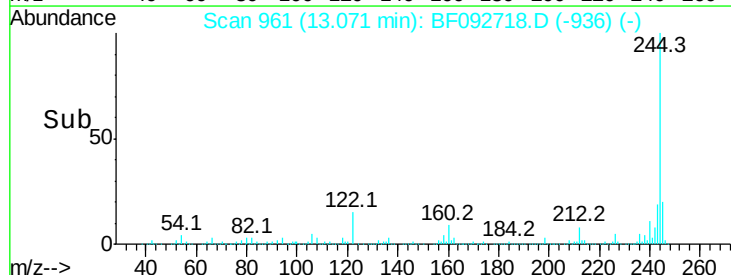
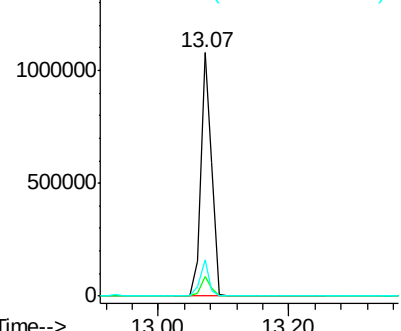


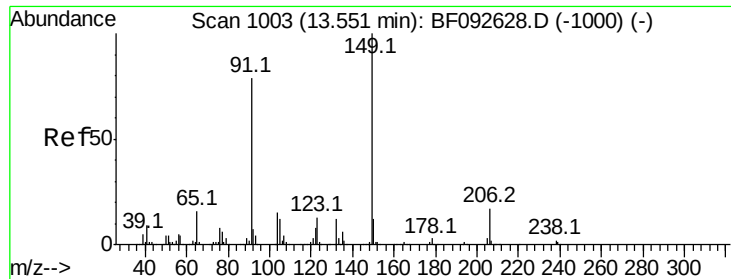
#78
Terphenyl-d14
Concen: 95.26 ng
RT: 13.07 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

Tgt Ion:244 Resp: 1265554
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 15.0 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: 64.92 ng

RT: 13.55 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMS

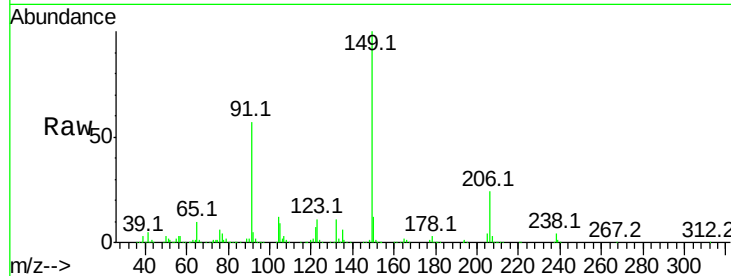
Tot Ion:149 Resp: 615794

Ion Ratio Lower Upper

149 100

91 57.1 63.9 95.9#

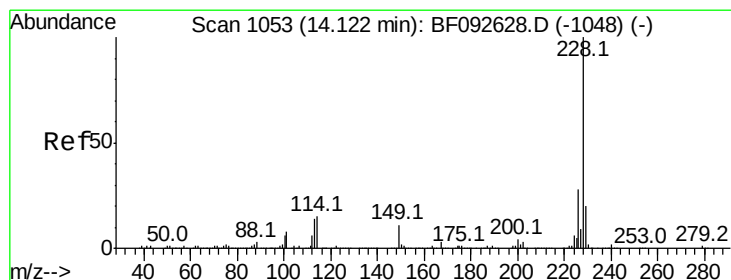
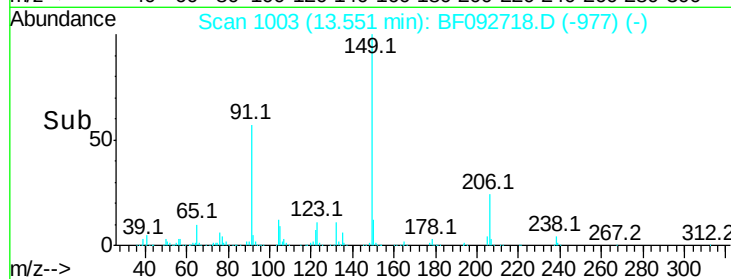
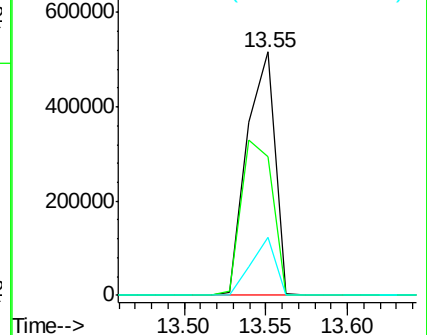
206 23.6 14.6 21.8#



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: 52.51 ng

RT: 14.12 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

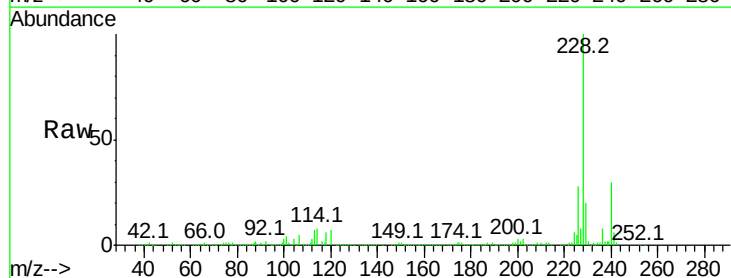
Tgt Ion:228 Resp: 1002446

Ion Ratio Lower Upper

228 100

226 27.7 22.4 33.6

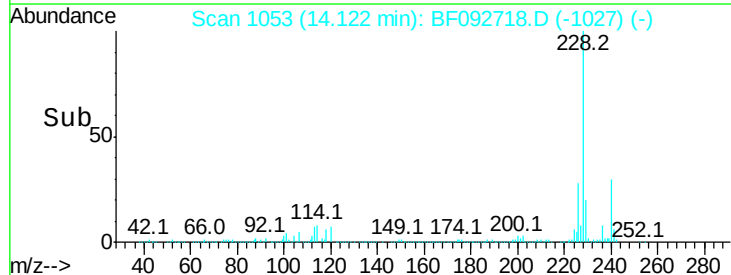
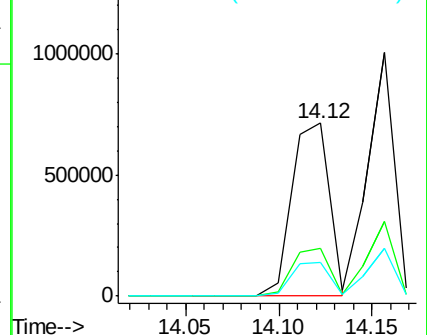
229 19.7 16.2 24.4

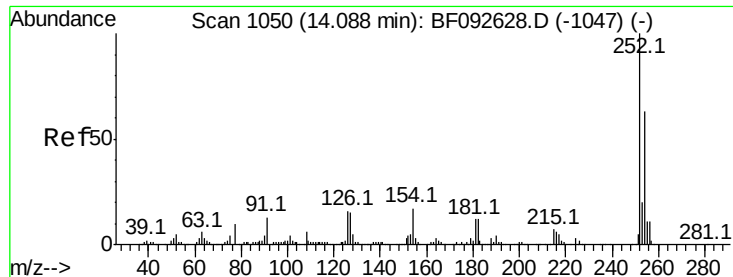


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 29.91 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

Instrument :

BNA_F

ClientSampleId :

SB-33-COMPMS

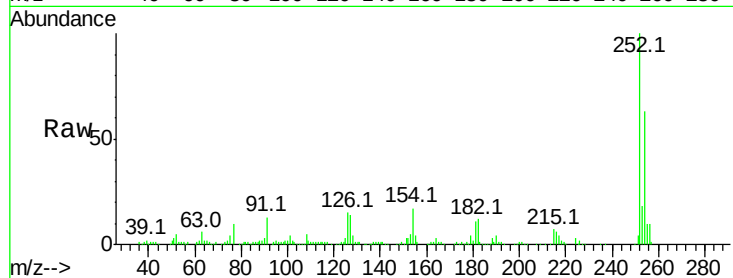
Tot Ion:252 Resp: 203556

Ion Ratio Lower Upper

252 100

254 62.8 52.3 78.5

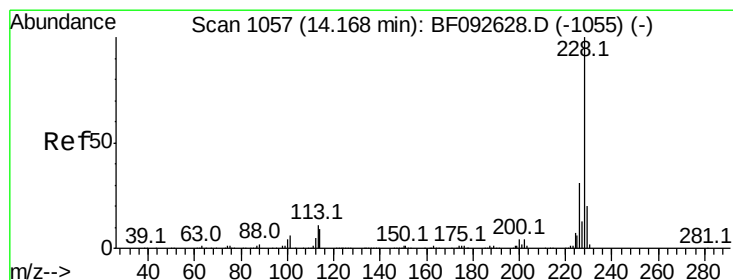
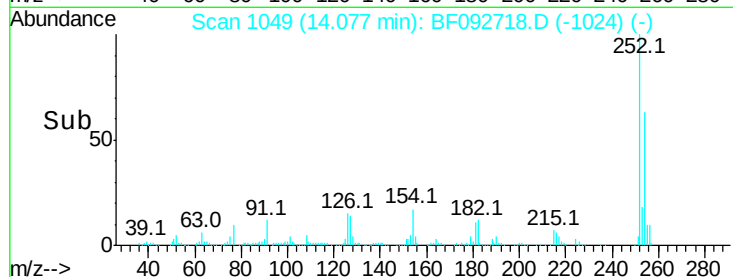
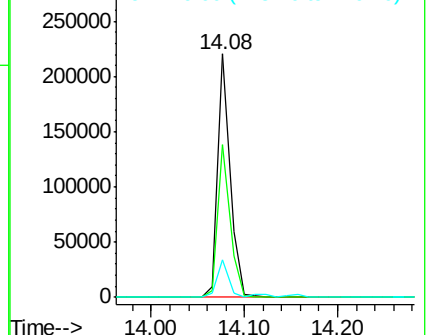
126 15.3 13.6 20.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 55.41 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092718.D

Acq: 1 Feb 2017 21:36

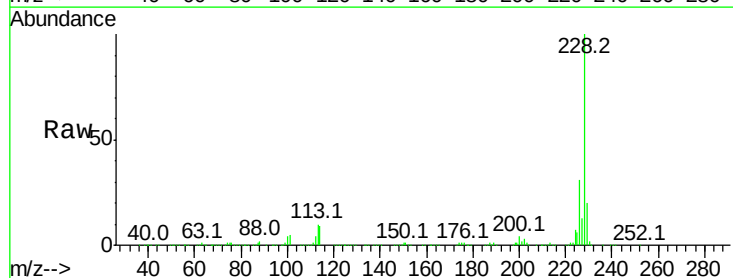
Tgt Ion:228 Resp: 990443

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.0

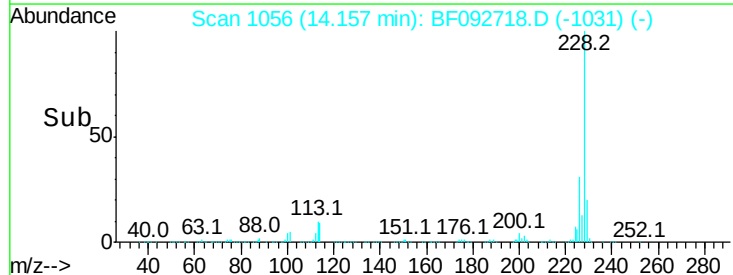
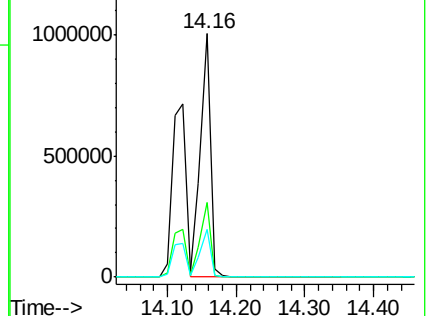
229 19.6 16.2 24.2

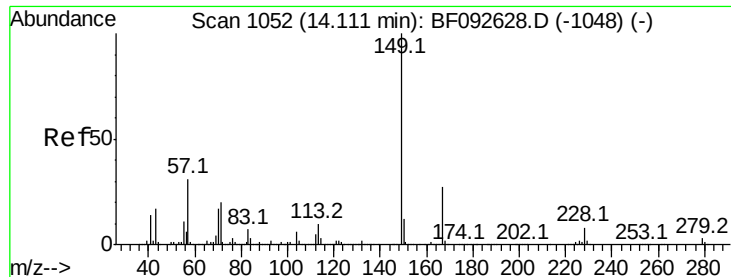


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

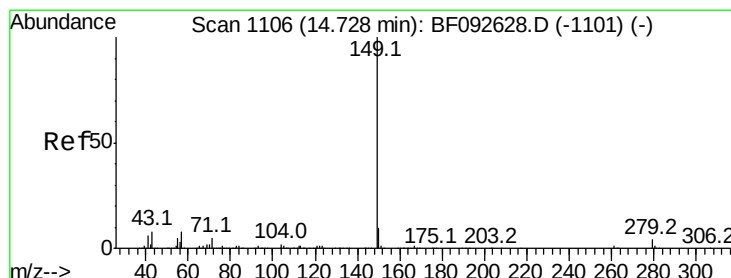
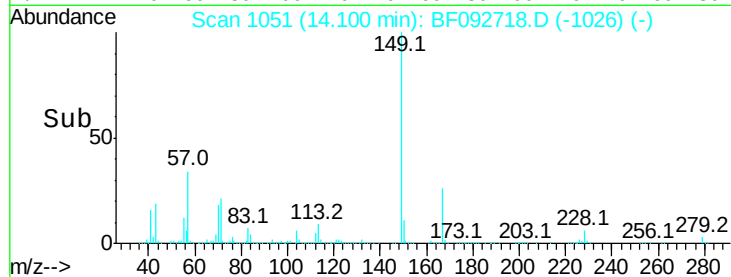
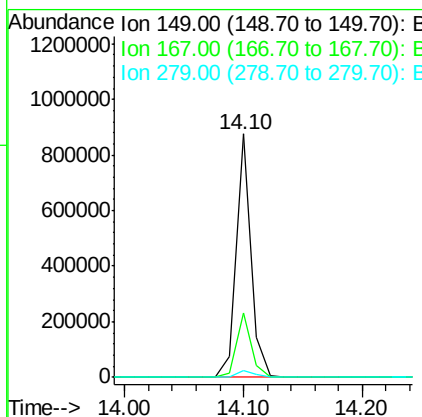
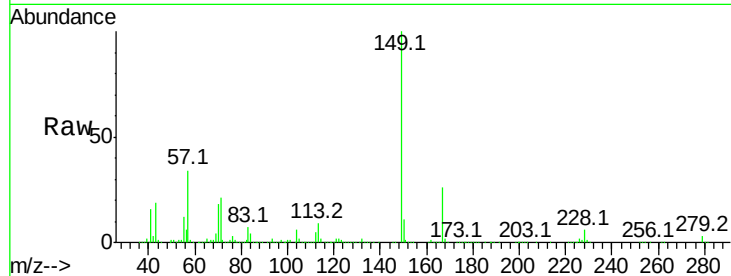




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.44 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

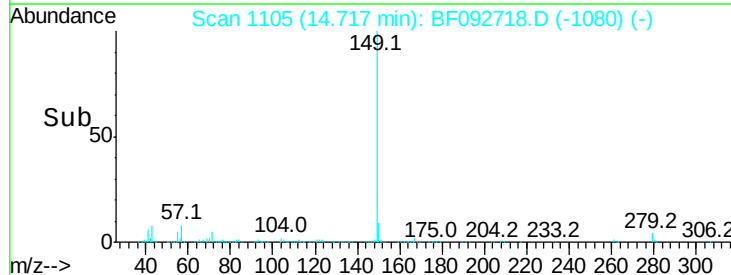
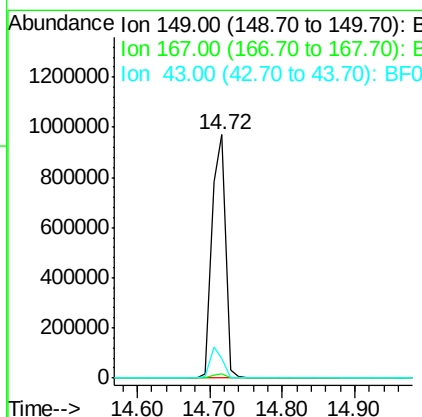
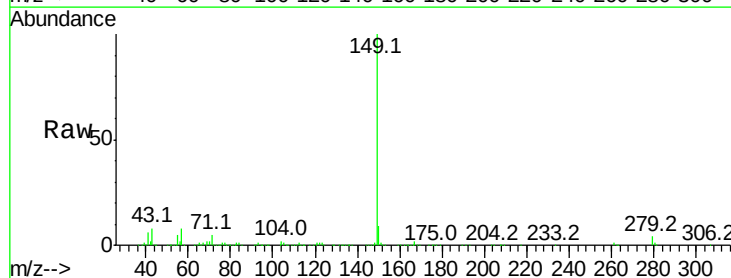
Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMS

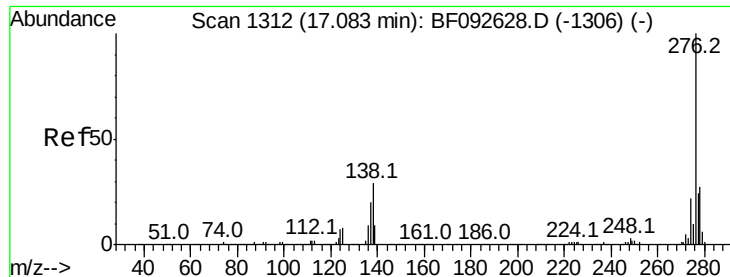
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	20.2	30.4
279	2.6	1.8	2.8



#84
 Di-n-octyl phthalate
 Concen: 59.16 ng
 RT: 14.72 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.7	8.9	13.3

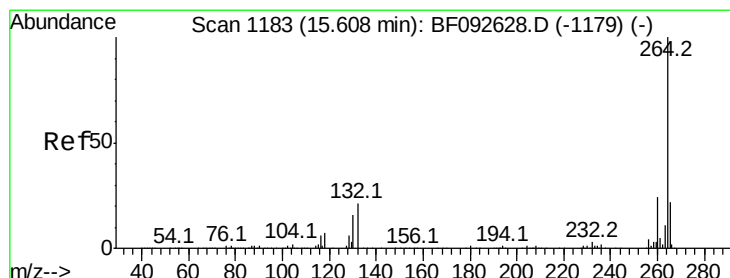
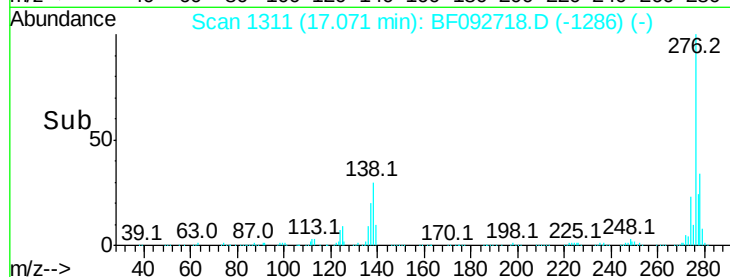
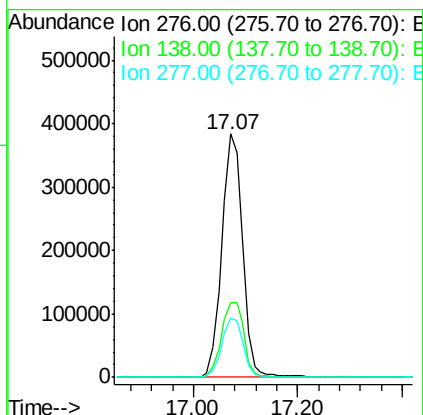
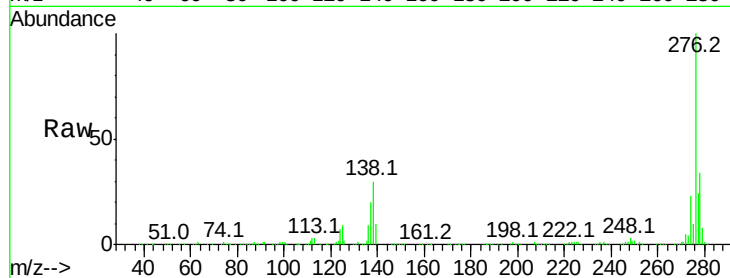




#85
Indeno(1,2,3-cd)pyrene
Concen: 77.17 ng
RT: 17.07 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

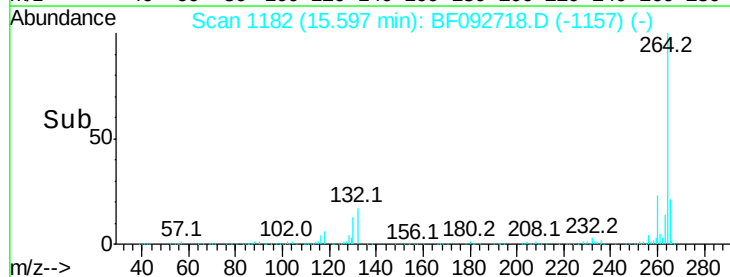
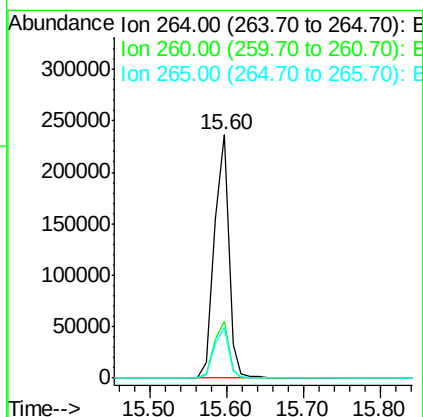
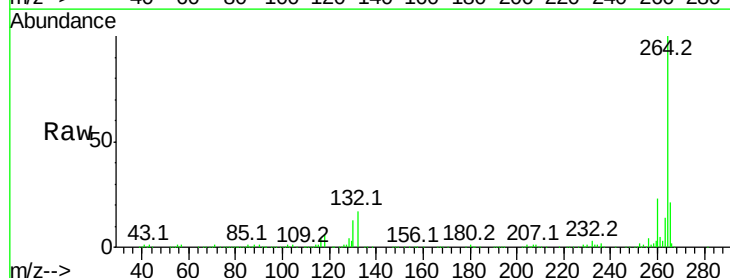
Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMS

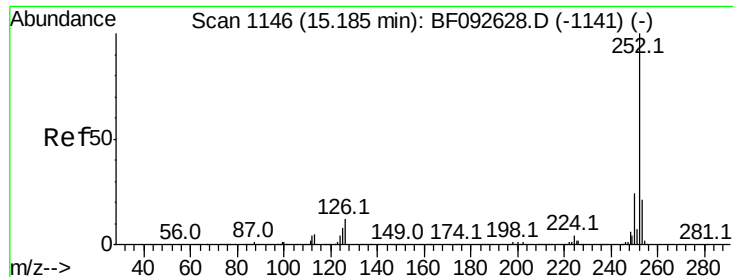
Tot Ion:276 Resp: 1068501
Ion Ratio Lower Upper
276 100
138 33.6 21.8 32.6#
277 25.1 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

Tgt Ion:264 Resp: 308938
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 20.9 17.4 26.0

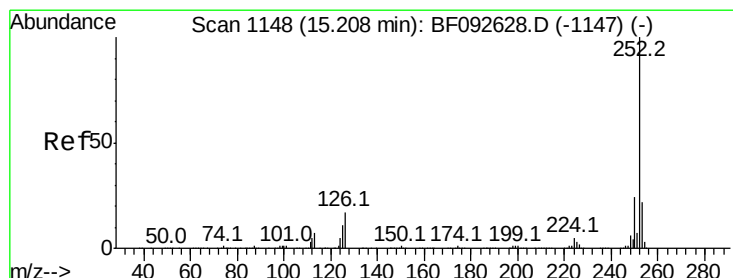
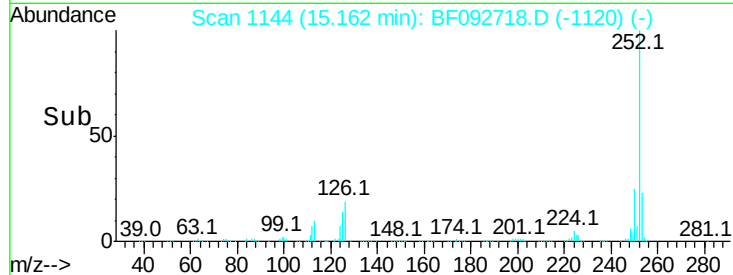
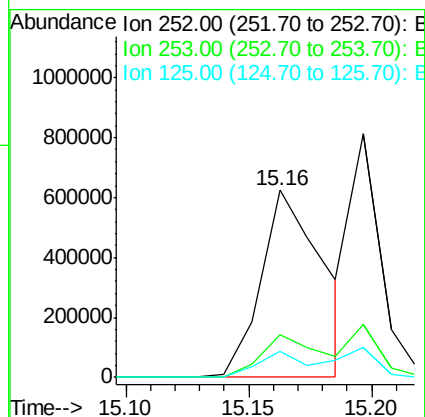
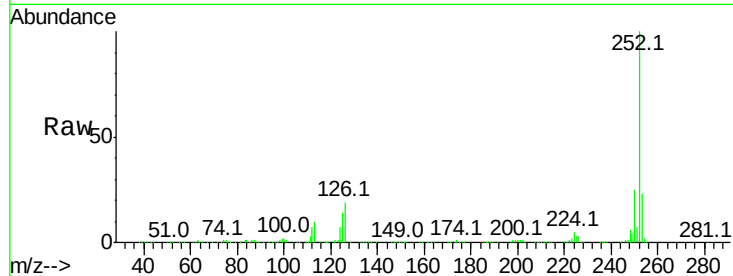




#87
Benzo(b)fluoranthene
Concen: 54.31 ng m
RT: 15.16 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

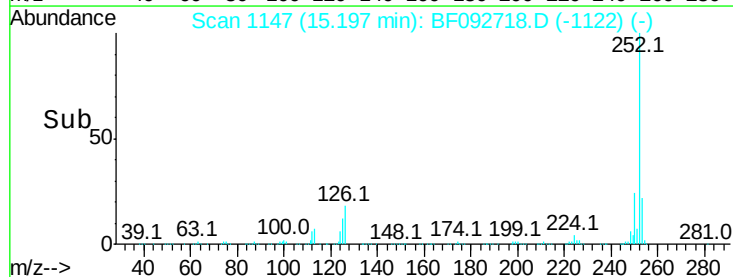
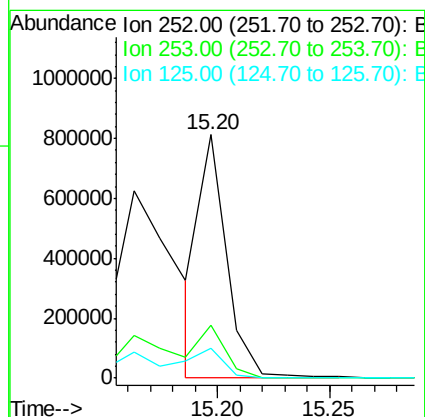
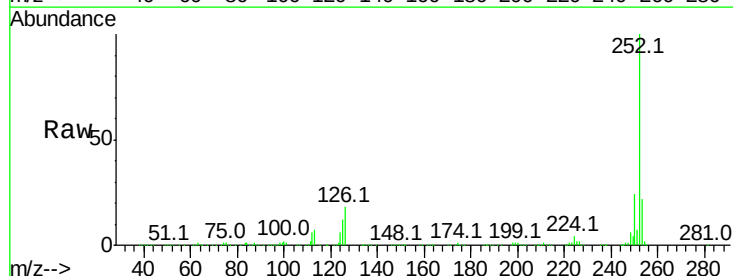
Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMS

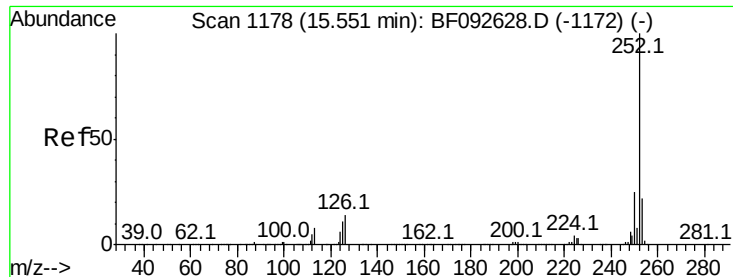
Tot Ion:252 Resp: 1104309
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 14.0 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 39.33 ng m
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

Tgt Ion:252 Resp: 690599
Ion Ratio Lower Upper
252 100
253 21.6 18.5 27.7
125 12.2 8.9 13.3

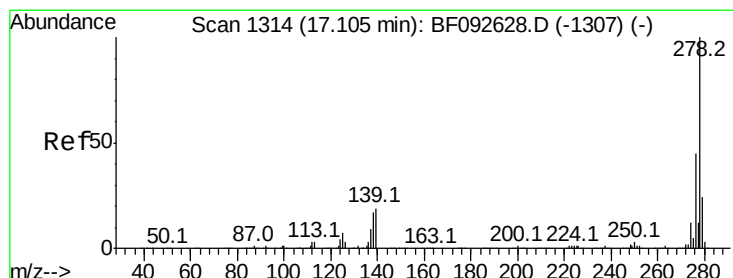
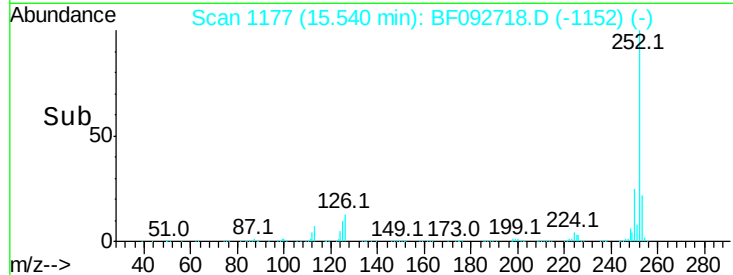
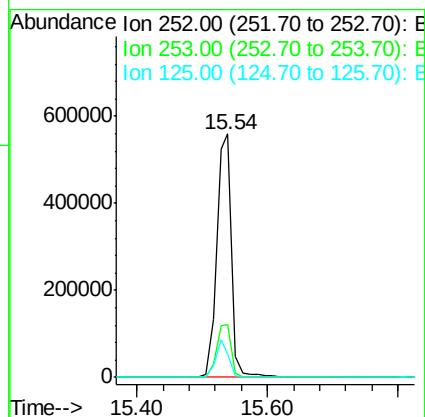
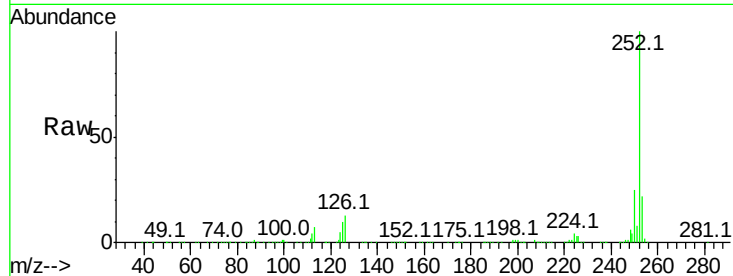




#89
Benzo(a)pyrene
Concen: 50.88 ng
RT: 15.54 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

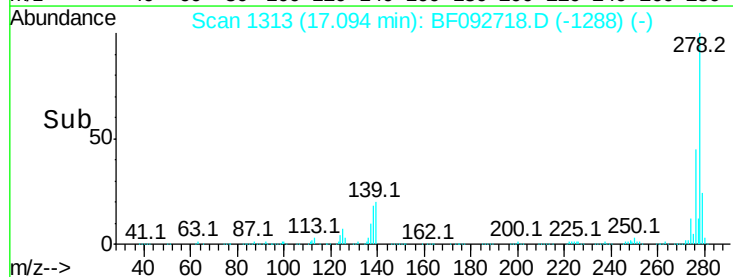
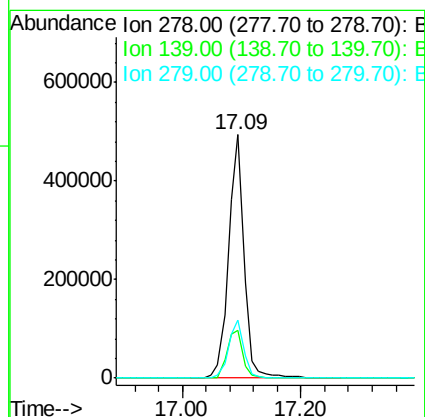
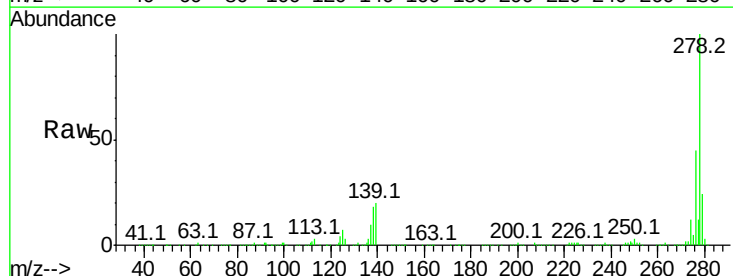
Instrument :
BNA_F
ClientSampleId :
SB-33-COMPMS

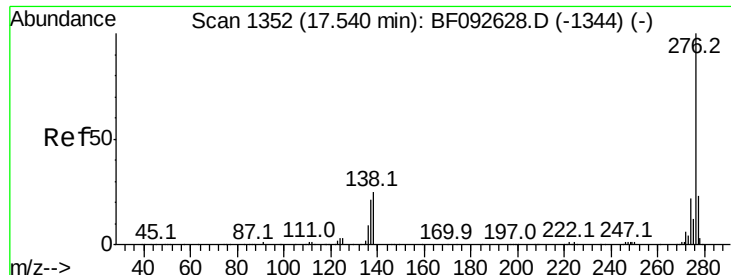
Tot Ion:252 Resp: 894889
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 9.6 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 62.78 ng
RT: 17.09 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF092718.D
Acq: 1 Feb 2017 21:36

Tgt Ion:278 Resp: 892502
Ion Ratio Lower Upper
278 100
139 19.9 14.8 22.2
279 23.7 19.8 29.6

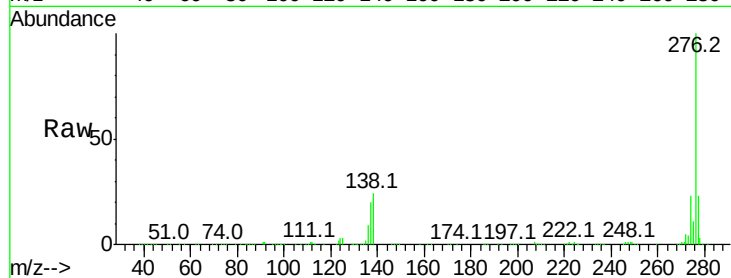




#91
 Benzo(a,h,i)perylene
 Concen: 65.85 ng
 RT: 17.53 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF092718.D
 Acq: 1 Feb 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMPMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.2	28.8
138	24.3	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

