

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021517\
 Data File : BF092967.D
 Acq On : 15 Feb 2017 22:42
 Operator : SJ/MA
 Sample : I1816-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 00:34:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	147380	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	607618	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	315250	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	501611	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	357280	20.00	ng	-0.02
86) Perylene-d12	15.46	264	298163	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1257077	146.33	ng	0.00
7) Phenol-d6	6.52	99	1557088	140.87	ng	-0.01
23) Nitrobenzene-d5	7.44	82	973684	89.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	300619	131.85	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1492506	85.77	ng	-0.01
78) Terphenyl-d14	12.98	244	1288765	84.76	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	175346	37.78	ng	# 84
3) Pyridine	3.24	79	519743	44.03	ng	85
4) n-Nitrosodimethylamine	3.21	42	257824	46.52	ng	87
6) Aniline	6.53	93	228599	15.16	ng	# 1
8) 2-Chlorophenol	6.66	128	444994	46.95	ng	97
9) Benzaldehyde	6.42	77	110930	14.01	ng	98
10) Phenol	6.53	94	680390	52.61	ng	# 77
11) bis(2-Chloroethyl)ether	6.61	93	462095	44.77	ng	96
12) 1,3-Dichlorobenzene	7.05	146	461956	41.62	ng	96
13) 1,4-Dichlorobenzene	6.89	146	482373	42.94	ng	97
14) 1,2-Dichlorobenzene	7.05	146	462131	43.02	ng	93
15) Benzyl Alcohol	7.02	79	392145	47.92	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.15	45	802860	44.77	ng	96
17) 2-Methylphenol	7.14	107	395560	48.65	ng	95
18) Hexachloroethane	7.38	117	162615	42.40	ng	# 87
19) n-Nitroso-di-n-propylamine	7.29	70	320923	45.61	ng	94
20) 3+4-Methylphenols	7.29	107	446052	45.89	ng	# 73
22) Acetophenone	7.29	105	592431	42.70	ng	# 94
24) Nitrobenzene	7.46	77	502039	44.81	ng	97
25) Isophorone	7.70	82	915800	45.04	ng	96
26) 2-Nitrophenol	7.78	139	266100	49.96	ng	# 85
27) 2,4-Dimethylphenol	7.81	122	400125	42.78	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	580875	43.14	ng	98
29) 2,4-Dichlorophenol	8.02	162	399481	45.79	ng	93
30) 1,2,4-Trichlorobenzene	8.10	180	407098	43.31	ng	97
31) Naphthalene	8.18	128	1259533	40.89	ng	99
32) Benzoic acid	7.90	122	52266	15.56	ng	97
33) 4-Chloroaniline	8.22	127	98387	8.14	ng	94
34) Hexachlorobutadiene	8.29	225	207116	40.05	ng	98
35) Caprolactam	8.60	113	121411	44.25	ng	# 42
36) 4-Chloro-3-methylphenol	8.73	107	429313	47.20	ng	91
37) 2-Methylnaphthalene	8.86	142	832802	42.11	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	375352	42.42	ng	99
40) Hexachlorocyclopentadiene	9.02	237	261057	65.39	ng	98

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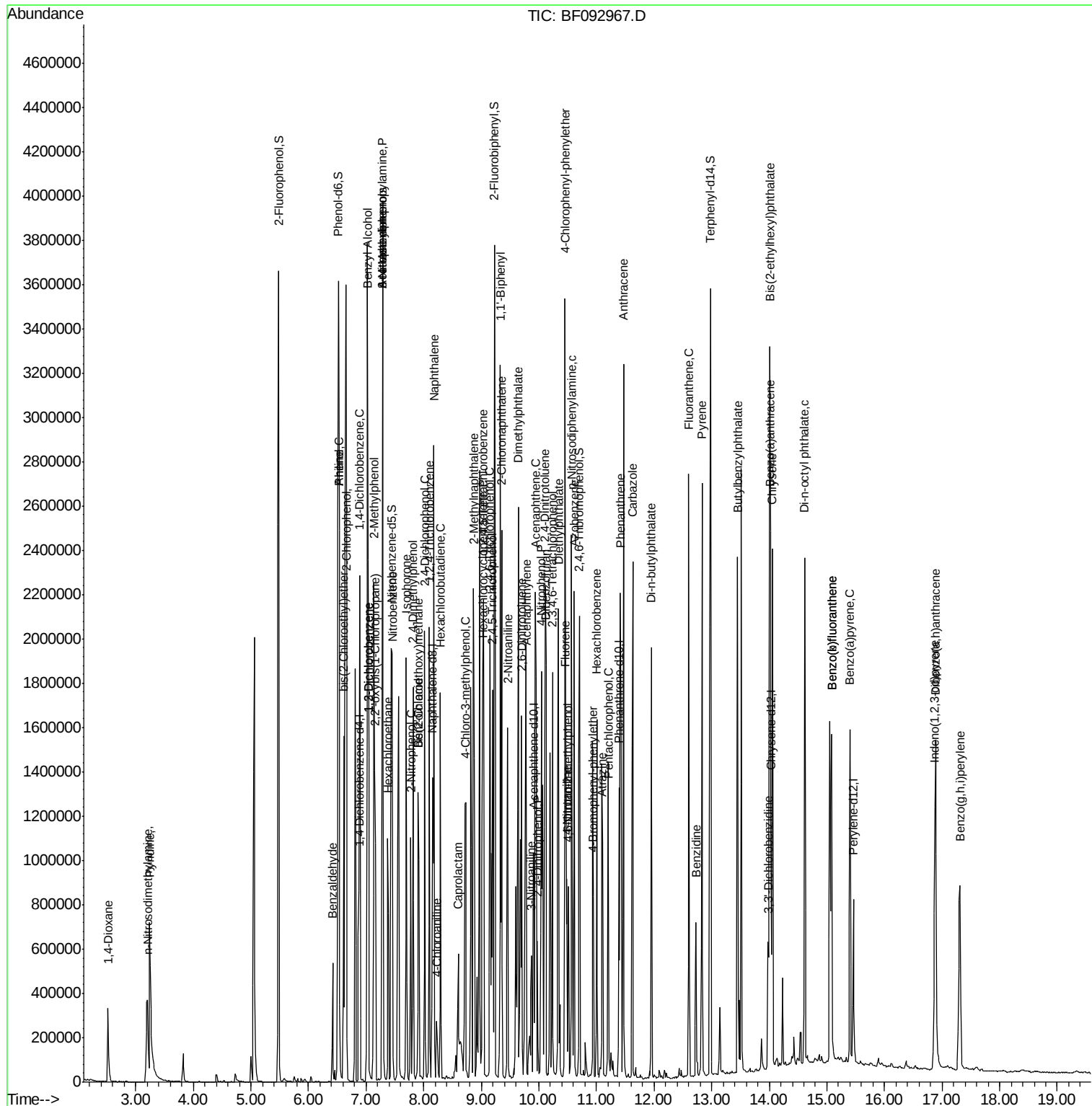
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	270179	46.46	nq	93
43) 2,4,5-Trichlorophenol	9.20	196	276406	43.38	nq #	89
45) 1,1'-Biphenyl	9.33	154	975584	42.74	nq	98
46) 2-Chloronaphthalene	9.36	162	759214	42.52	nq	97
47) 2-Nitroaniline	9.46	65	285004	47.47	nq	94
48) Acenaphthylene	9.78	152	1262133	40.91	nq	97
49) Dimethylphthalate	9.64	163	1293211	60.90	nq	99
50) 2,6-Dinitrotoluene	9.70	165	194818	42.48	nq #	82
51) Acenaphthene	9.94	154	763527	41.40	nq	96
52) 3-Nitroaniline	9.87	138	115820	22.07	nq #	76
53) 2,4-Dinitrophenol	9.97	184	76317	35.51	nq #	62
54) Dibenzofuran	10.12	168	1114545	45.18	nq #	89
55) 4-Nitrophenol	10.04	139	286381	75.77	nq	93
56) 2,4-Dinitrotoluene	10.11	165	271312	44.44	nq #	78
57) Fluorene	10.46	166	760030	40.05	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.24	232	211640	49.80	nq	99
59) Diethylphthalate	10.34	149	923393	46.14	nq	95
60) 4-Chlorophenyl-phenylether	10.45	204	392687	43.07	nq #	81
61) 4-Nitroaniline	10.49	138	222577	41.41	nq	82
62) Azobenzene	10.61	77	997015	48.23	nq	91
64) 4,6-Dinitro-2-methylphenol	10.51	198	105213	35.21	nq #	57
65) n-Nitrosodiphenylamine	10.57	169	691409	43.15	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	224003	42.74	nq #	77
67) Hexachlorobenzene	11.00	284	213628	41.25	nq #	81
68) Atrazine	11.10	200	239734	46.62	nq	92
69) Pentachlorophenol	11.21	266	245186	90.66	nq	98
70) Phenanthrene	11.41	178	1161399	40.41	nq	98
71) Anthracene	11.47	178	1206232	41.80	nq	98
72) Carbazole	11.63	167	1169188	42.38	nq	98
73) Di-n-butylphthalate	11.95	149	1334286	44.72	nq	98
74) Fluoranthene	12.60	202	1097658	37.03	nq	99
76) Benzidine	12.73	184	288543	18.95	nq	96
77) Pyrene	12.83	202	1098013	41.07	nq	99
79) Butylbenzylphthalate	13.45	149	517406	47.65	nq	96
80) Benzo(a)anthracene	14.02	228	825756	37.79	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	172855	22.19	nq #	94
82) Chrysene	14.05	228	688998	33.68	nq	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	720962	48.55	nq #	96
84) Di-n-octyl phthalate	14.61	149	1127805	46.64	nq	98
85) Indeno(1,2,3-cd)pyrene	16.88	276	808175	51.00	nq #	94
87) Benzo(b)fluoranthene	15.08	252	1507608	76.82	nq #	95
88) Benzo(k)fluoranthene	15.08	252	1507608	88.97	nq #	96
89) Benzo(a)pyrene	15.40	252	706336	41.61	nq	97
90) Dibenzo(a,h)anthracene	16.89	278	676629	49.32	nq #	95
91) Benzo(g,h,i)perylene	17.31	276	684764	49.40	nq #	94

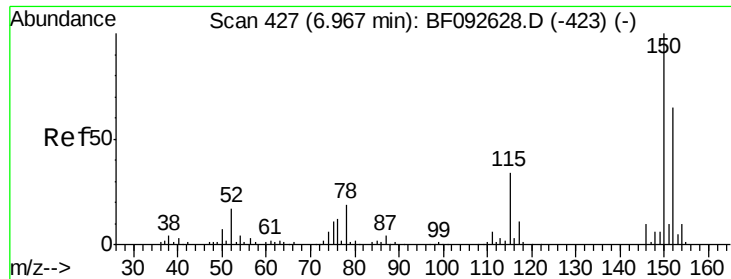
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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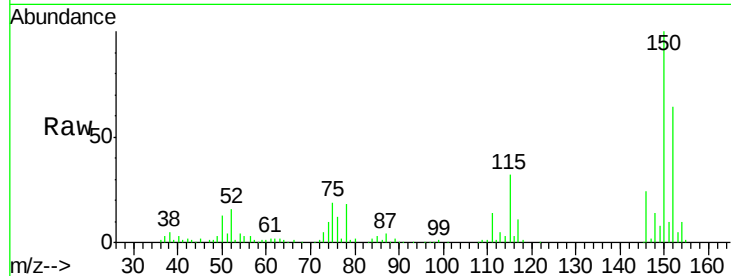


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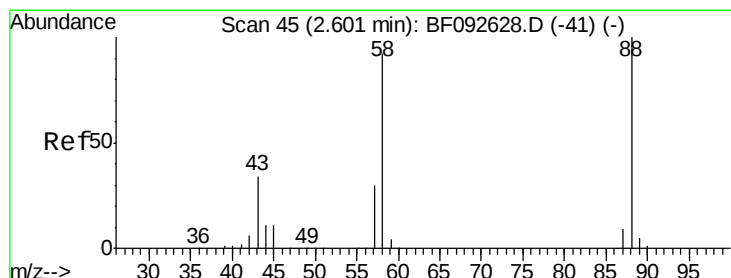
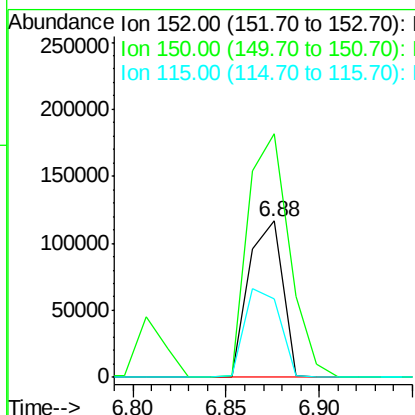
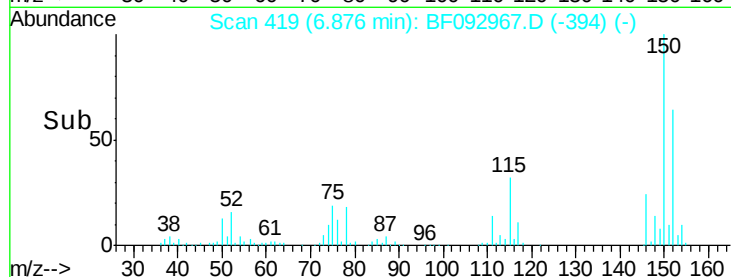
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 147380
Ion Ratio Lower Upper
152 100
150 155.7 124.9 187.3
115 50.2 46.0 69.0



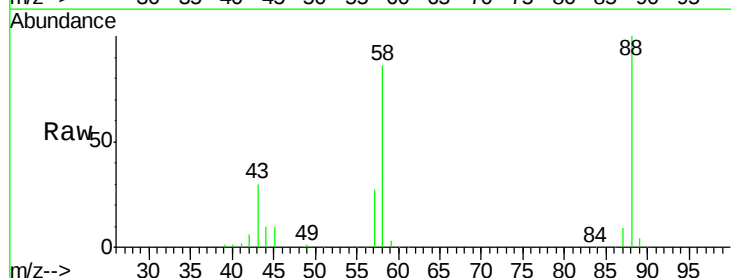
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



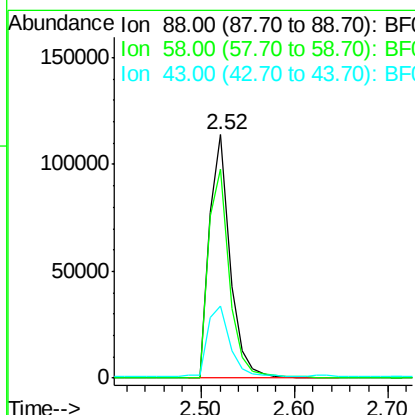
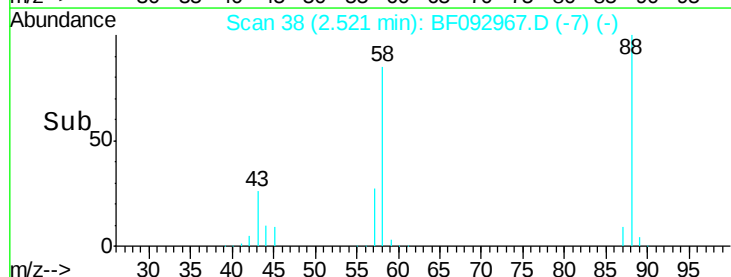
#2

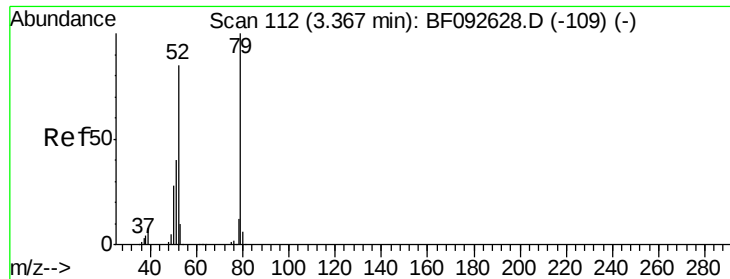
1,4-Dioxane
Concen: 37.78 ng
RT: 2.52 min Scan# 38
Delta R.T. 0.06 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion: 88 Resp: 175346
Ion Ratio Lower Upper
88 100
58 88.7 57.8 86.8#
43 31.3 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: 44.03 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.05 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

ClientSampleId :

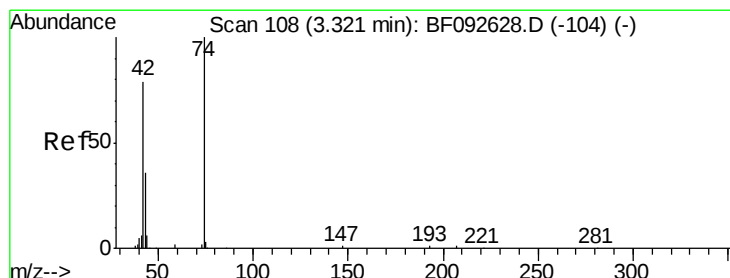
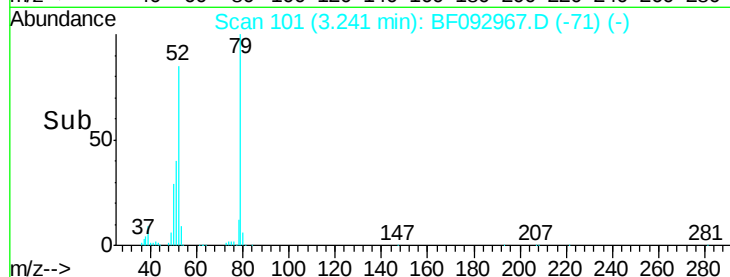
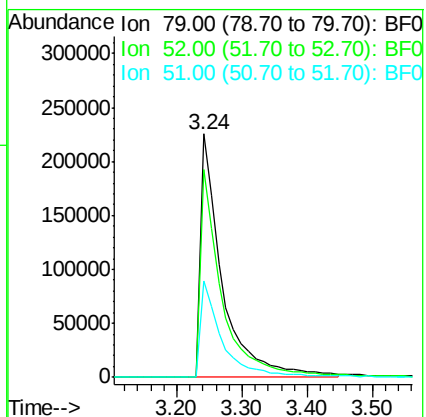
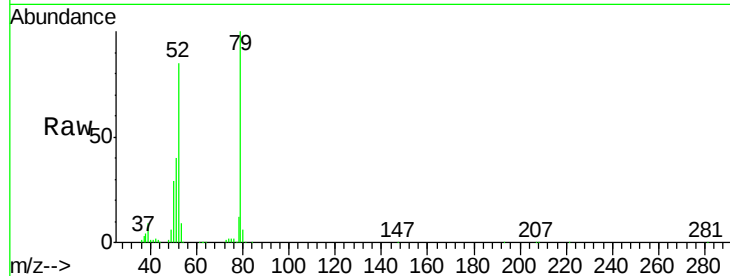
Tot Ion: 79 Resp: 519743

Ion Ratio Lower Upper

79 100

52 85.3 57.1 85.7

51 39.7 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 46.52 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.05 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

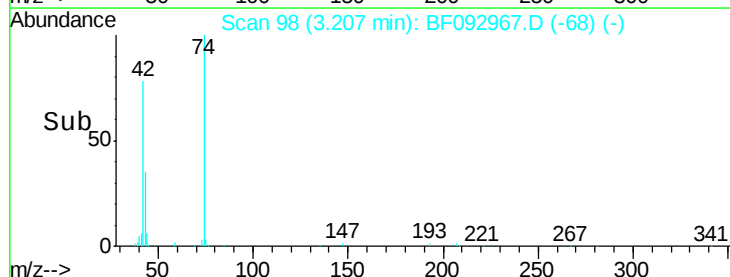
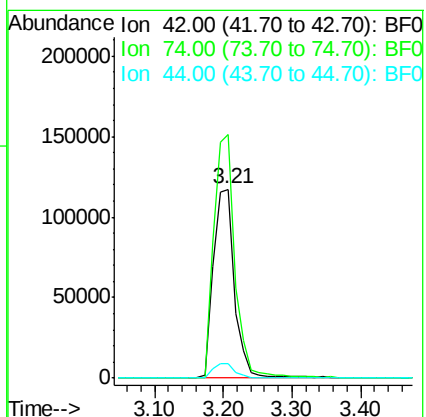
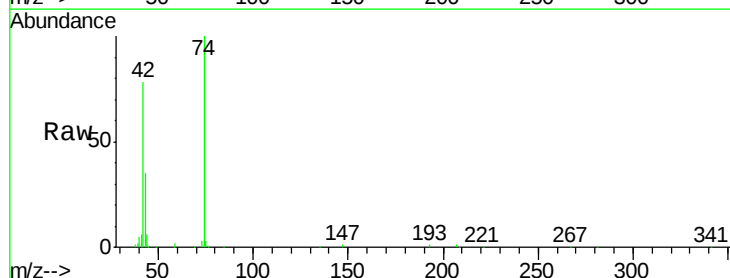
Tgt Ion: 42 Resp: 257824

Ion Ratio Lower Upper

42 100

74 128.9 117.0 175.4

44 7.8 5.5 8.3





#5

2-Fluorophenol

Concen: 146.33 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampled :

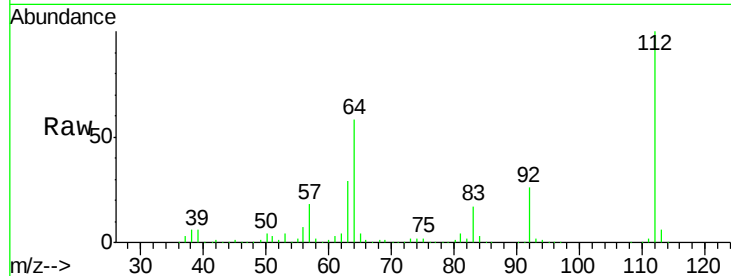
Tot Ion:112 Resp: 1257077

Ion Ratio Lower Upper

112 100

64 58.3 46.1 69.1

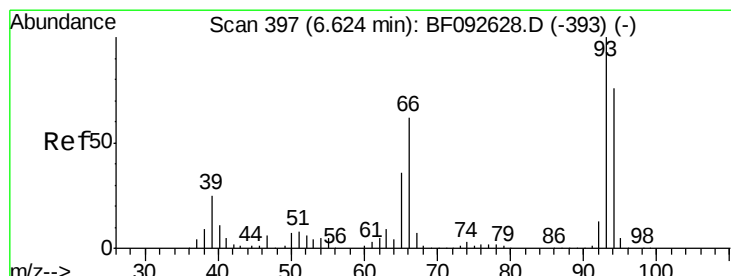
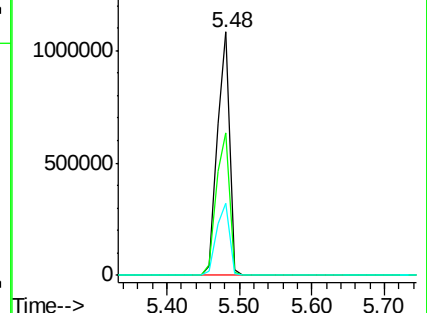
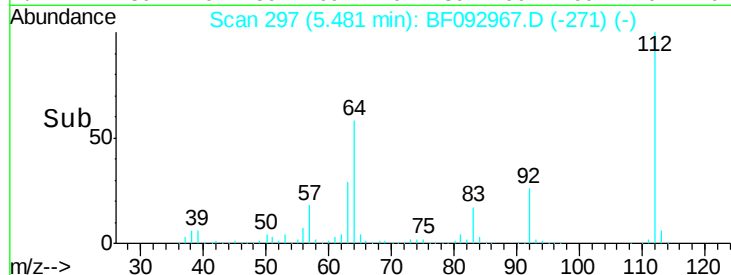
63 29.5 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.16 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

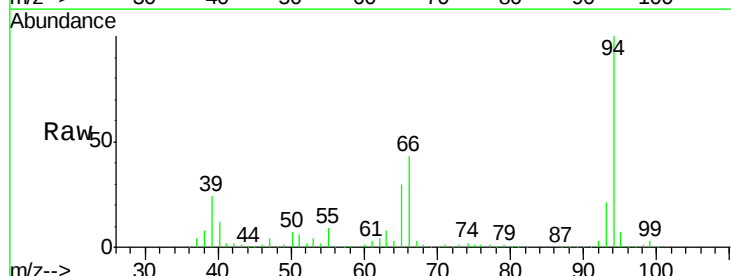
Tgt Ion: 93 Resp: 228599

Ion Ratio Lower Upper

93 100

66 198.6 76.2 114.2#

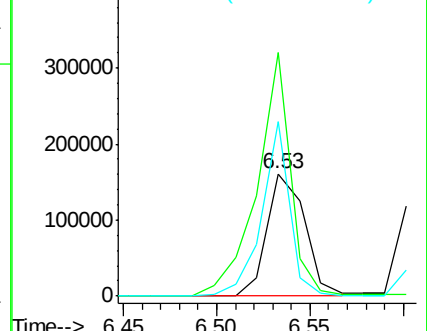
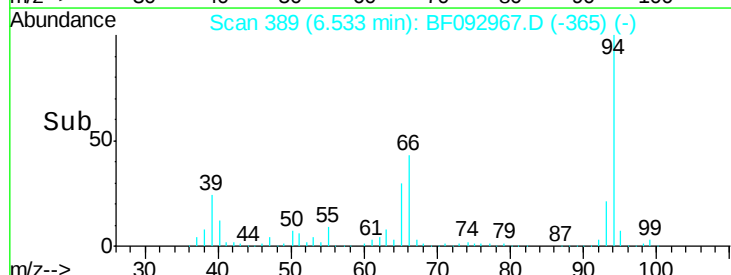
65 142.0 49.3 73.9#

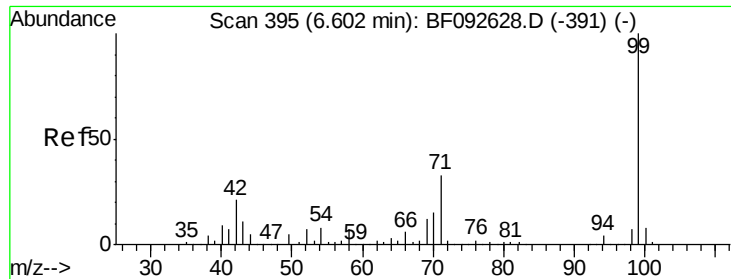


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 140.87 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

ClientSampled :

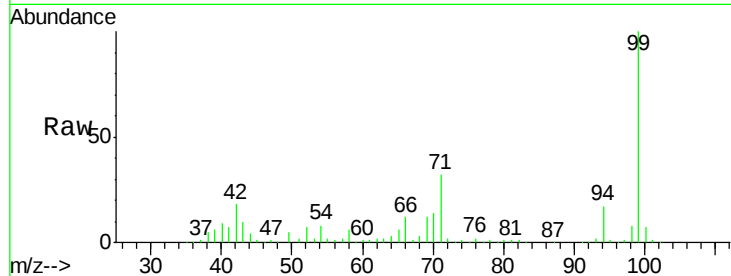
Tot Ion: 99 Resp: 1557088

Ion Ratio Lower Upper

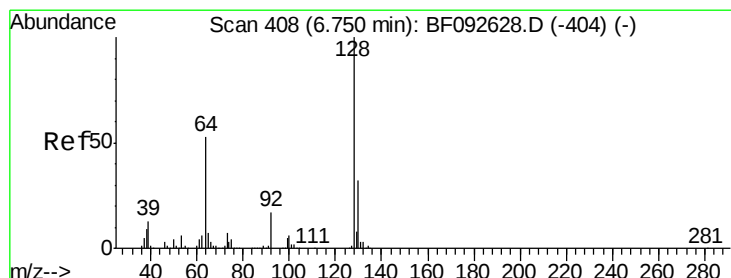
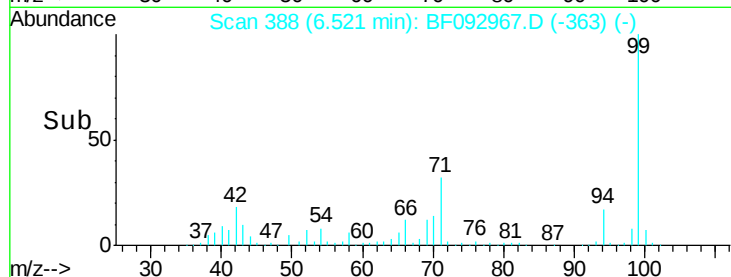
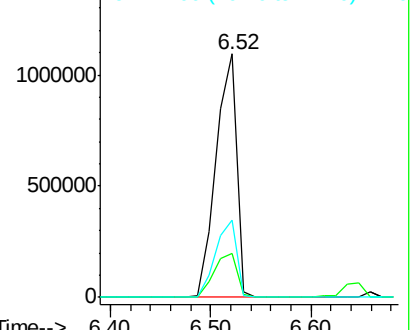
99 100

42 18.2 15.6 23.4

71 31.6 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.95 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.01 min

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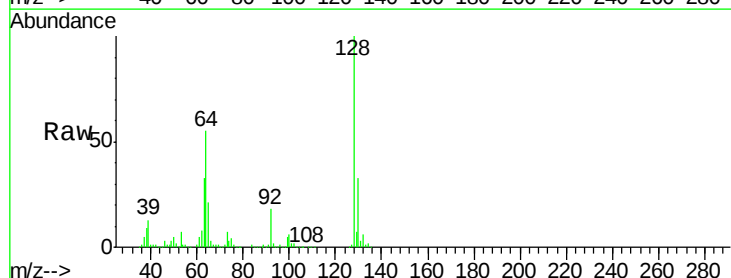
Tgt Ion:128 Resp: 444994

Ion Ratio Lower Upper

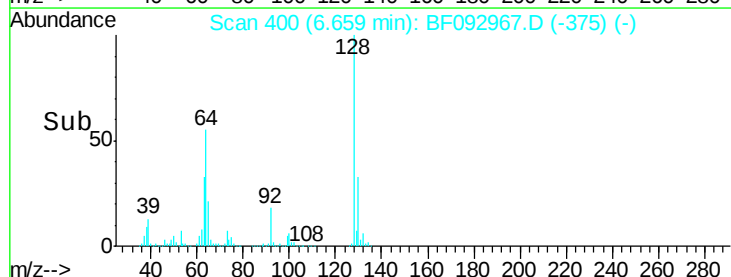
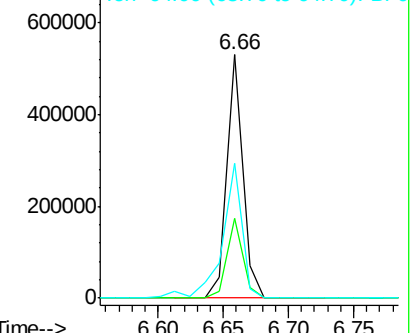
128 100

130 32.6 12.3 52.3

64 55.5 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.01 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

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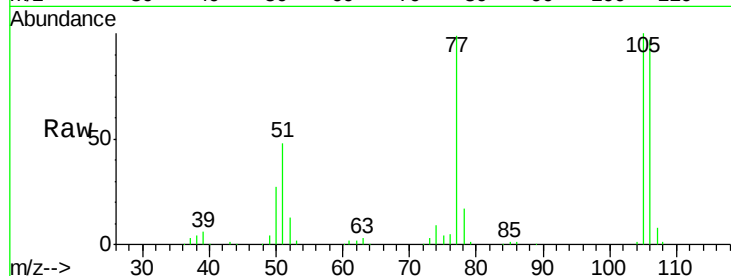
Tot Ion: 77 Resp: 110930

Ion Ratio Lower Upper

77 100

105 100.7 83.9 123.9

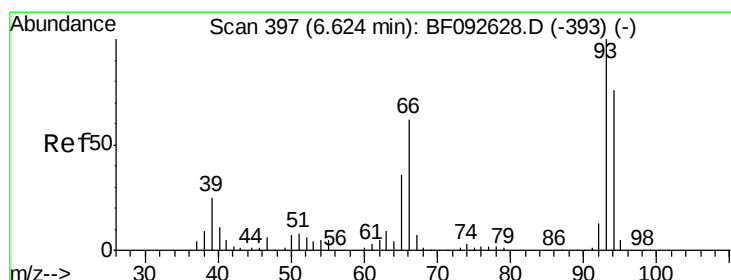
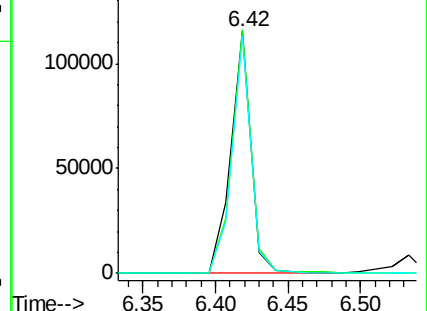
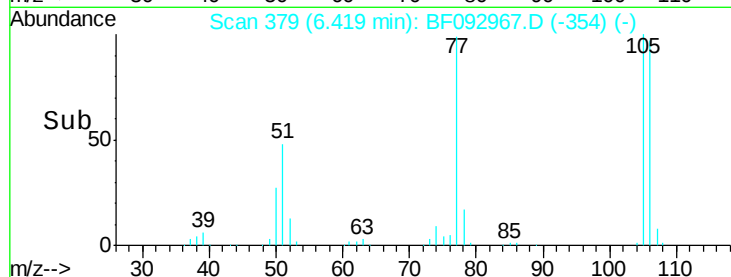
106 97.9 77.6 117.6



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: 52.61 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

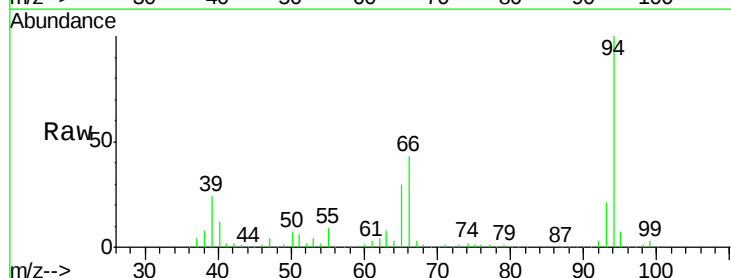
Tgt Ion: 94 Resp: 680390

Ion Ratio Lower Upper

94 100

65 30.4 21.4 61.4

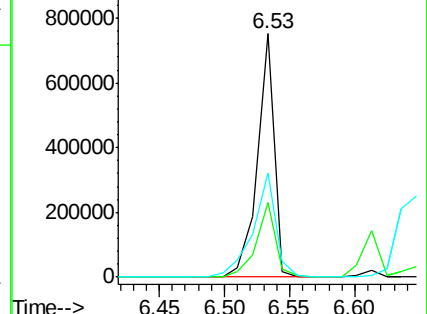
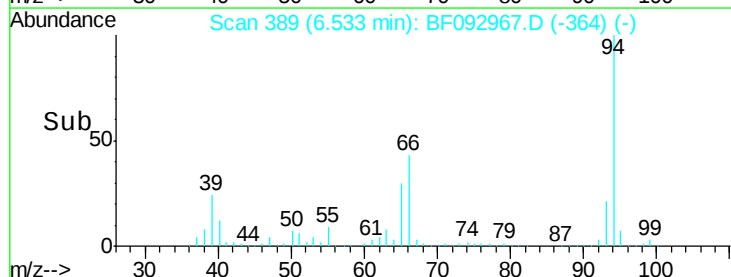
66 42.6 44.0 84.0#



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

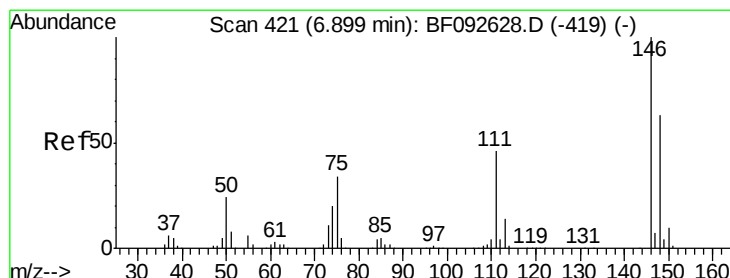
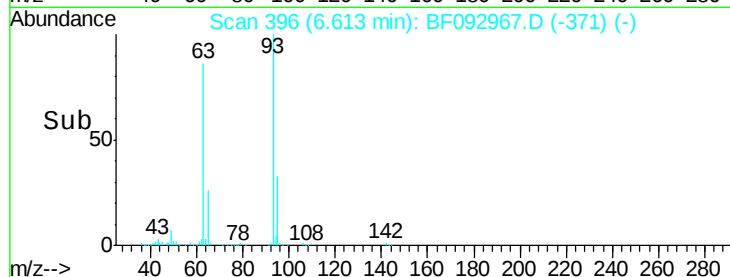
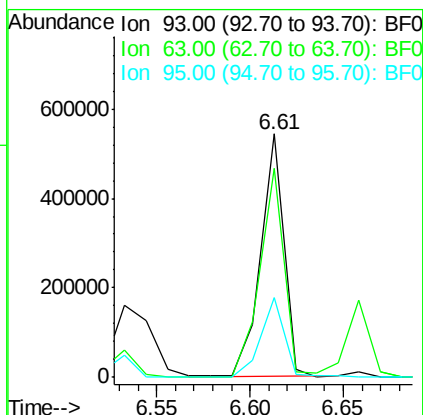
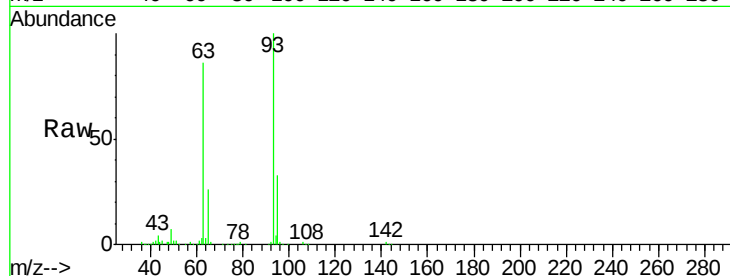




#11
bis(2-Chloroethyl)ether
Concen: 44.77 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

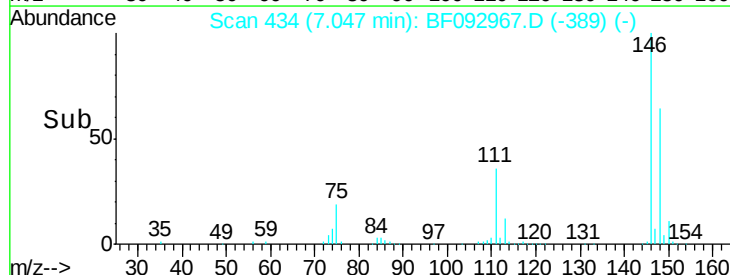
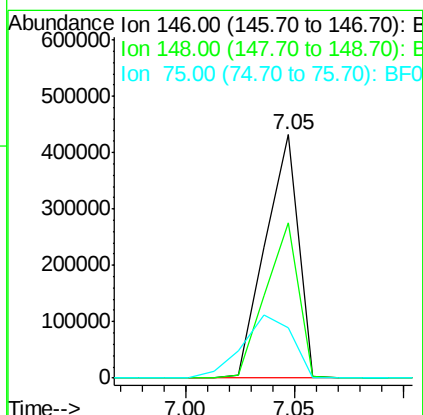
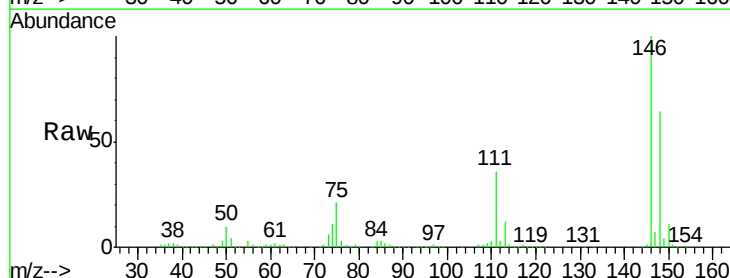
Instrument :
BNA_F
ClientSampleId :

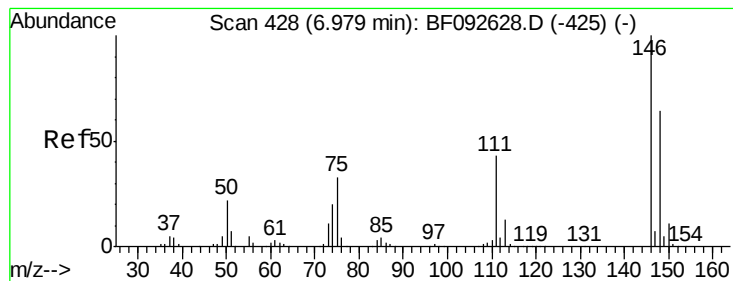
Tot Ion	Ratio	Lower	Upper
93	100		
63	85.7	60.4	100.4
95	32.7	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 41.62 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.22 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.4	80.0
75	20.6	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 42.94 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

ClientSampled :

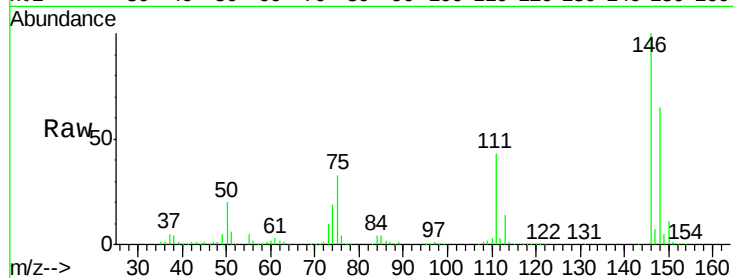
Tot Ion:146 Resp: 482373

Ion Ratio Lower Upper

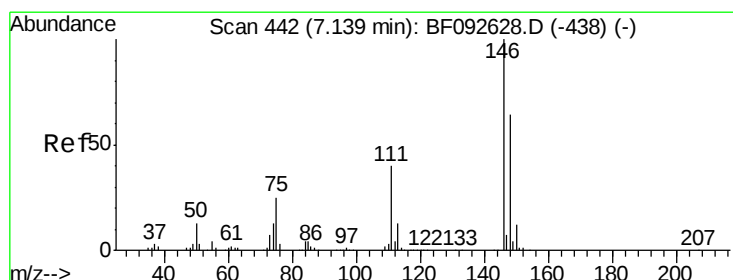
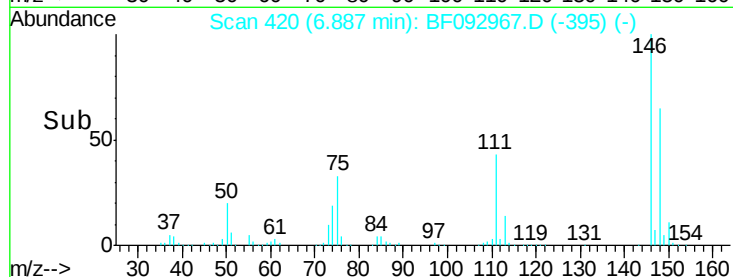
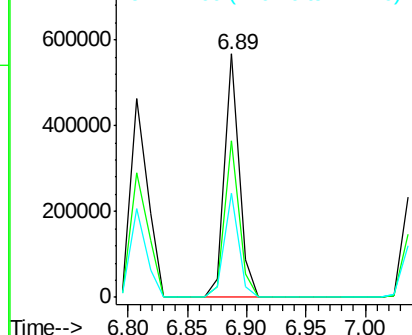
146 100

148 64.5 50.6 76.0

111 42.5 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: 43.02 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

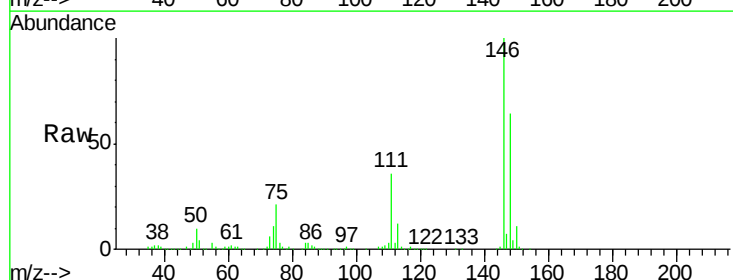
Tgt Ion:146 Resp: 462131

Ion Ratio Lower Upper

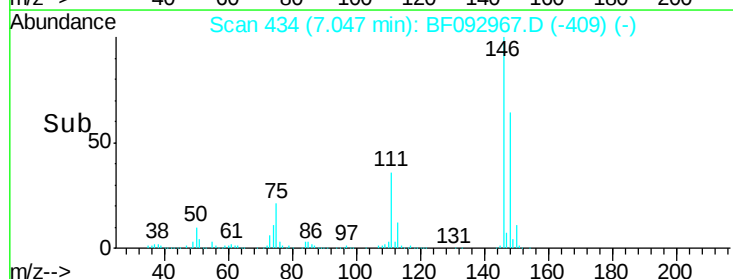
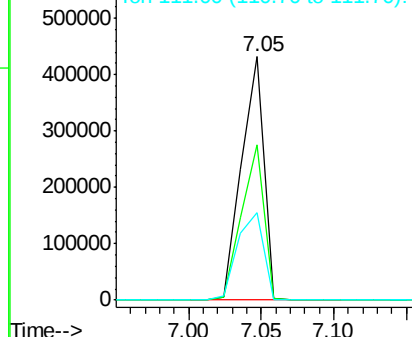
146 100

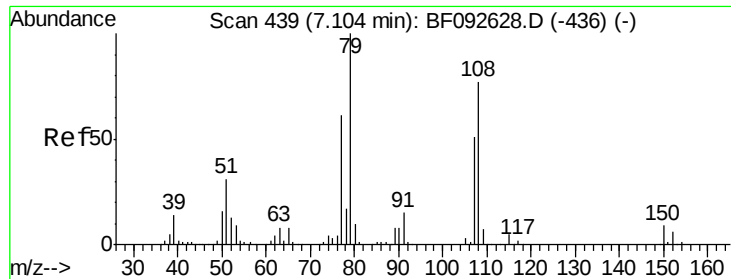
148 64.0 52.2 78.2

111 36.2 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: 47.92 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

ClientSampleId :

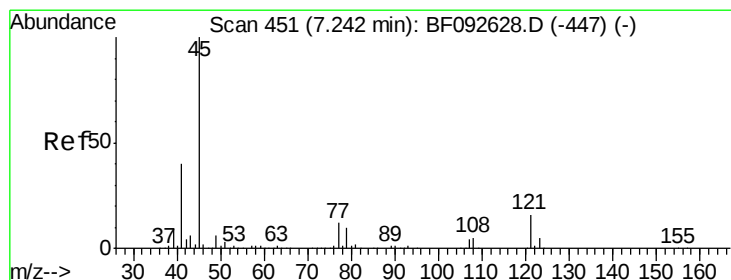
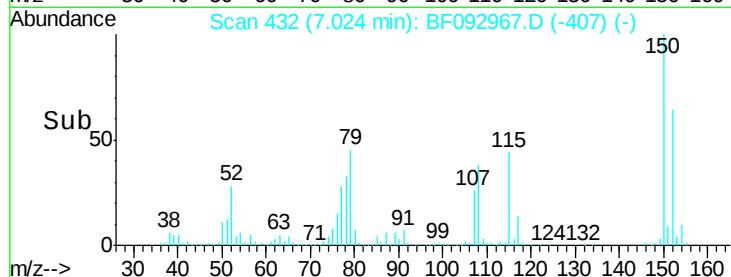
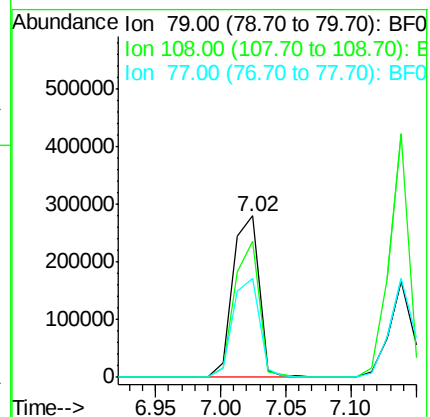
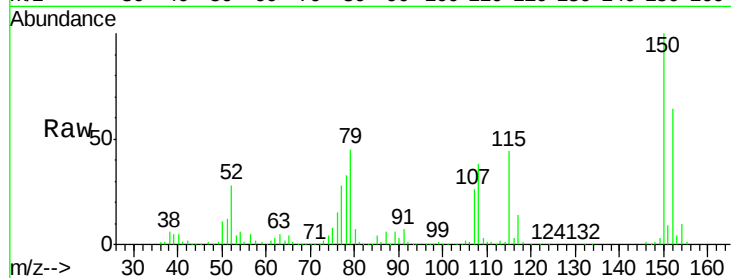
Tot Ion: 79 Resp: 392145

Ion Ratio Lower Upper

79 100

108 84.5 61.4 92.0

77 61.4 50.9 76.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.77 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

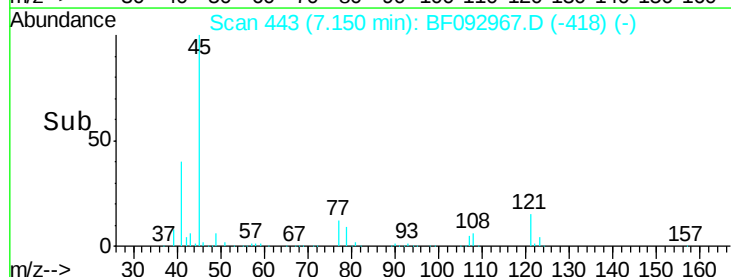
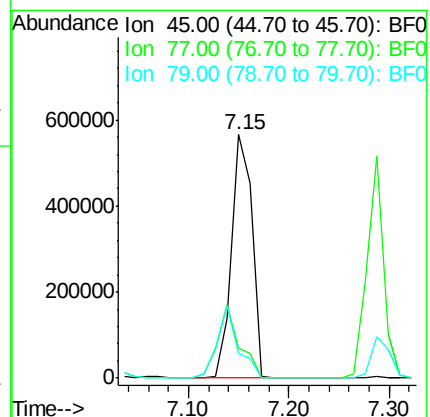
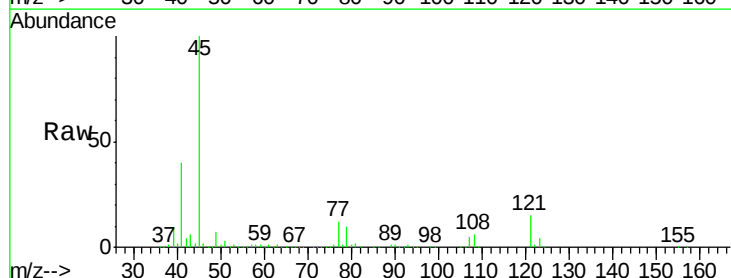
Tgt Ion: 45 Resp: 802860

Ion Ratio Lower Upper

45 100

77 12.5 0.0 34.6

79 10.0 0.0 31.2

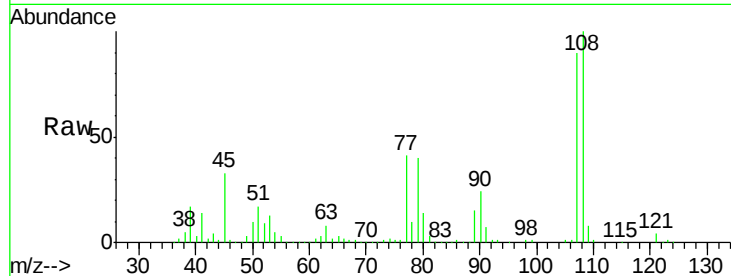




#17
2-Methylphenol
Concen: 48.65 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	93.0	139.6
77	45.4	39.8	59.8
79	44.2	38.0	57.0



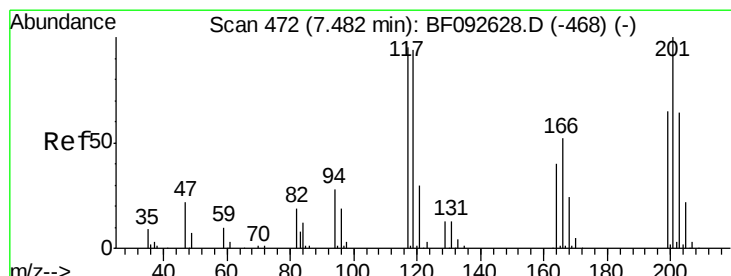
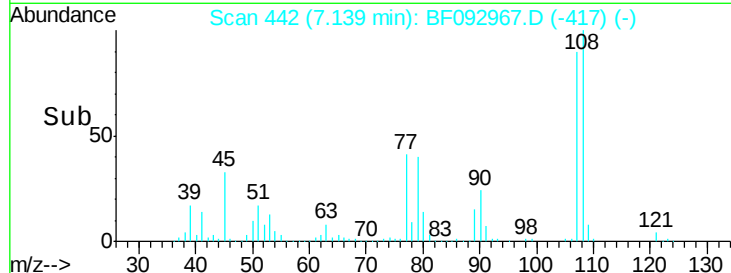
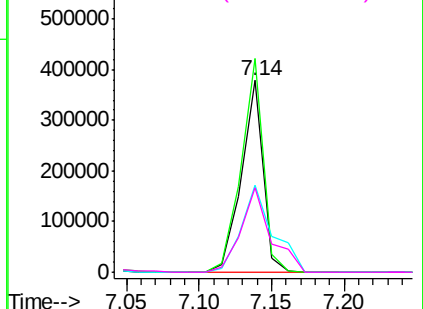
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

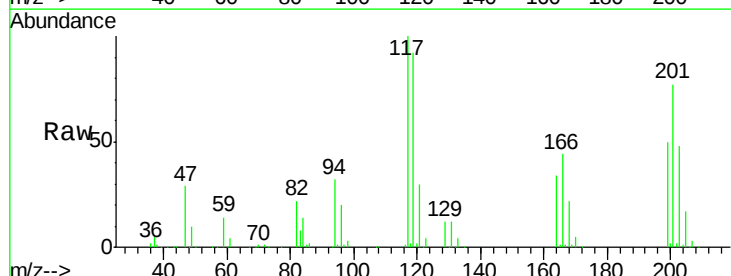
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 42.40 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.3	78.1	117.1
201	77.0	78.6	117.8#

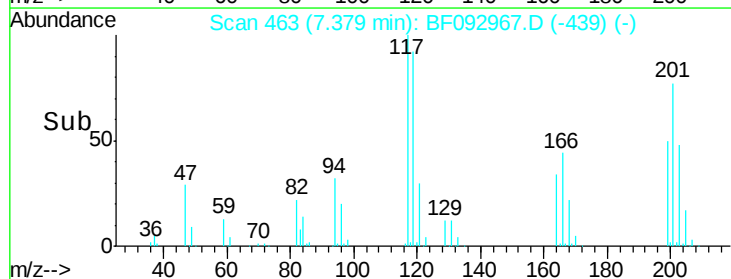
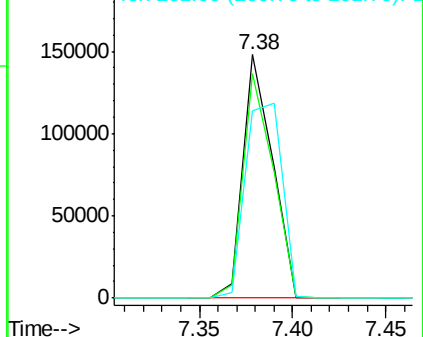


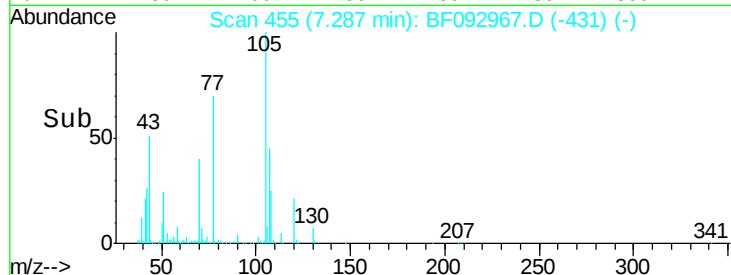
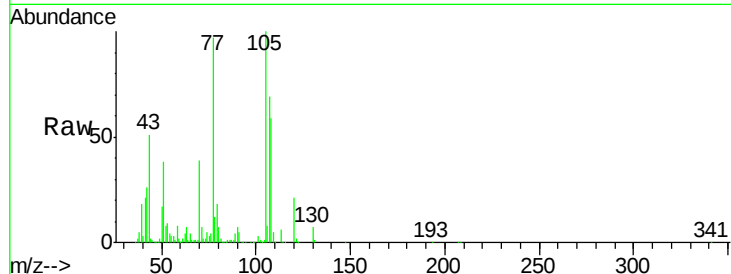
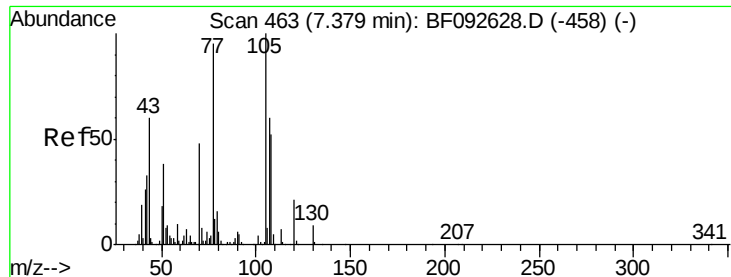
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

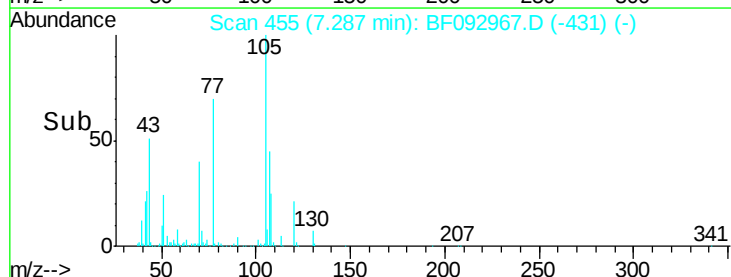
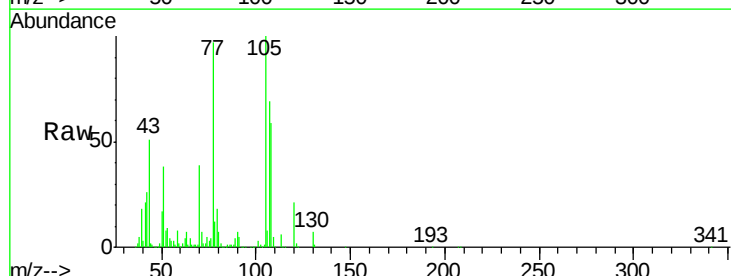
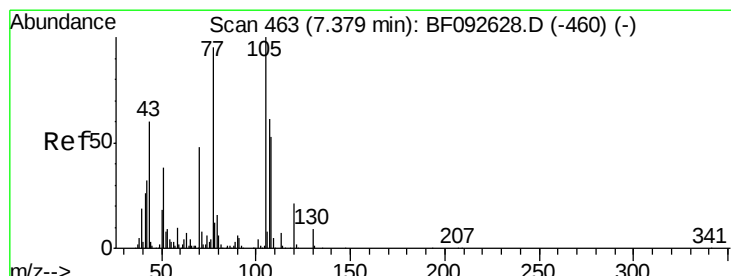
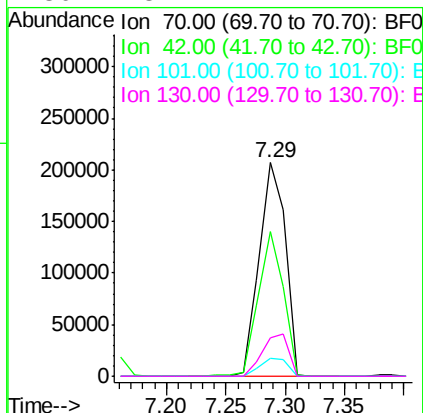




#19
n-Nitroso-di-n-propylamine
Concen: 45.61 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

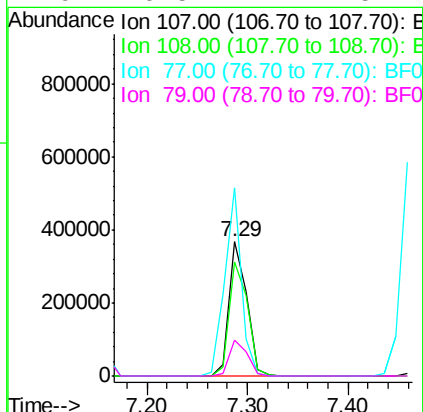
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	320923
Ion	Ratio	Lower	Upper
70	100		
42	67.7	49.4	74.0
101	8.6	7.4	11.2
130	18.1	14.2	21.4



#20
3+4-Methylphenols
Concen: 45.89 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion:	107	Resp:	446052
Ion	Ratio	Lower	Upper
107	100		
108	85.5	73.0	113.0
77	140.6	71.3	111.3#
79	26.5	11.1	51.1

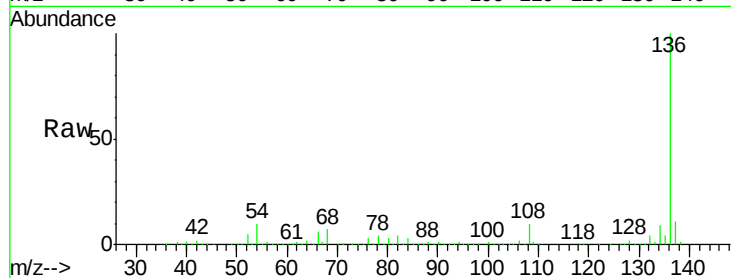




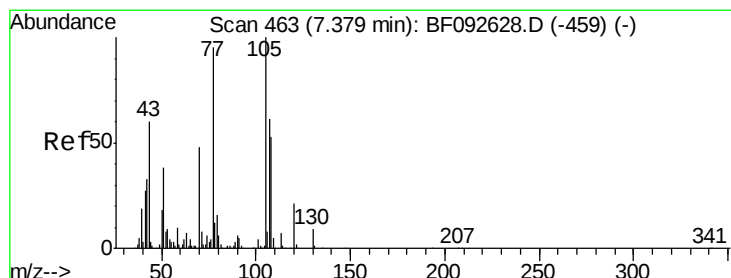
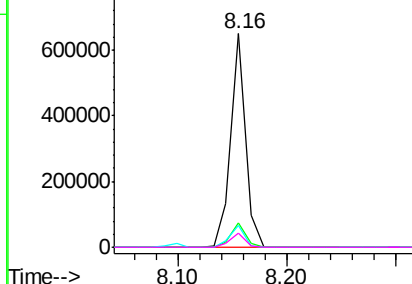
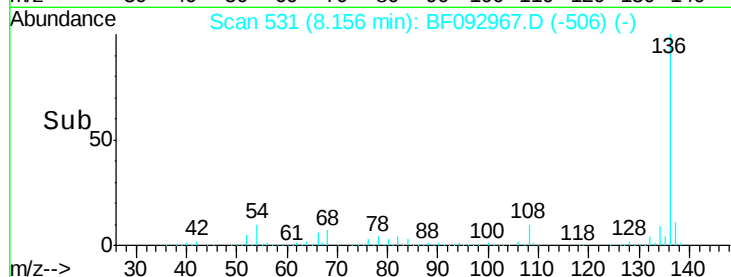
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	607618
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.4 12.6
54	10.3	4.5 6.7#
68	6.8	3.6 5.4#

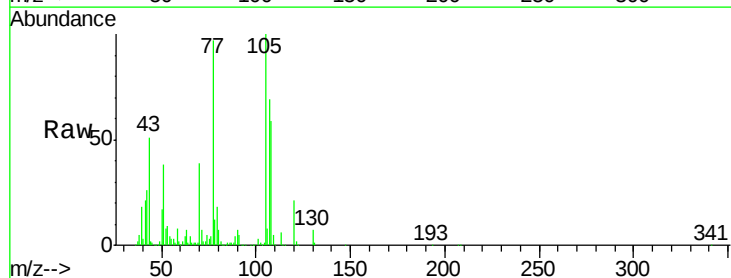


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

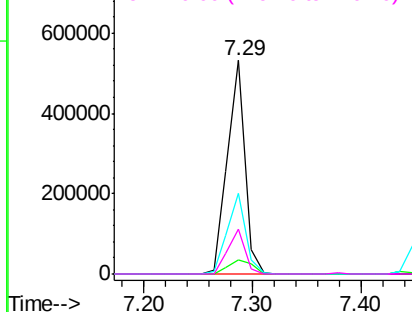
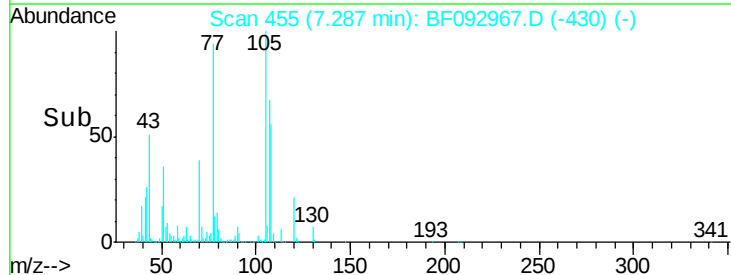


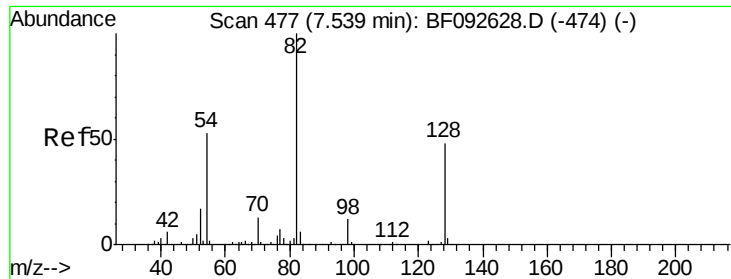
#22
Acetophenone
Concen: 42.70 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion:105	Resp:	592431
Ion Ratio	Lower	Upper
105	100	
71	6.6	3.2 4.8#
51	37.6	26.2 39.4
120	21.1	16.6 24.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

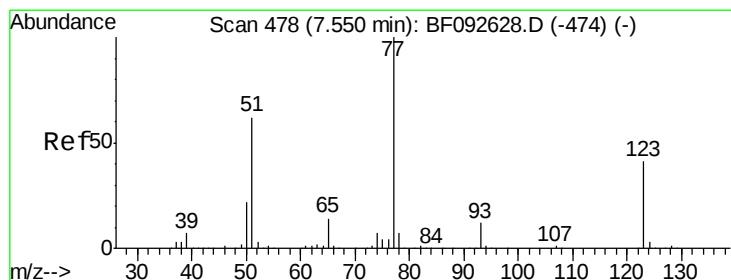
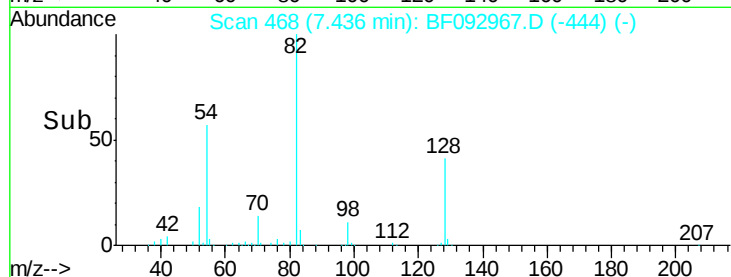
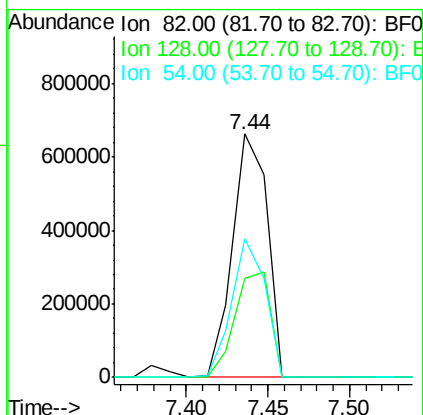
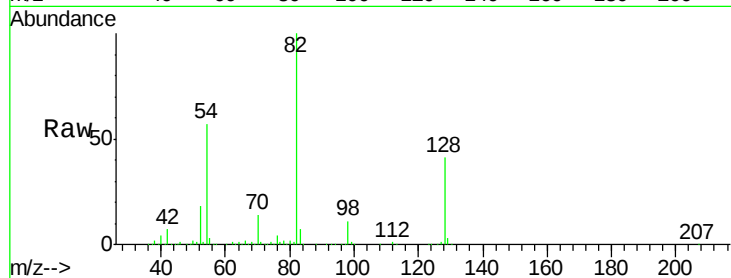




#23
 Nitrobenzene-d5
 Concen: 89.24 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

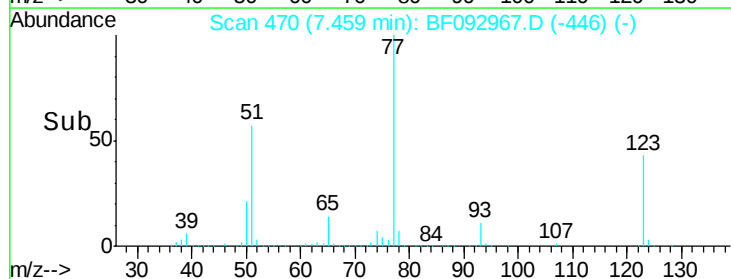
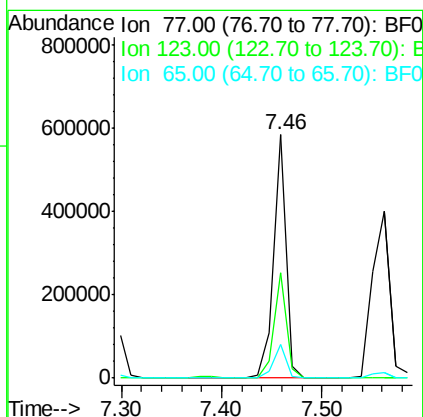
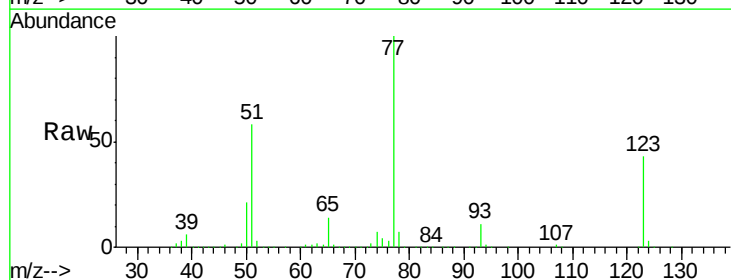
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	973684
Ion Ratio	100	Lower	Upper
128	40.9	34.6	52.0
54	56.7	39.5	59.3



#24
 Nitrobenzene
 Concen: 44.81 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Tgt Ion	77	Resp	502039
Ion Ratio	100	Lower	Upper
123	43.3	33.0	49.4
65	13.9	11.2	16.8





#25

Isophorone

Concen: 45.04 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

ClientSampleId :

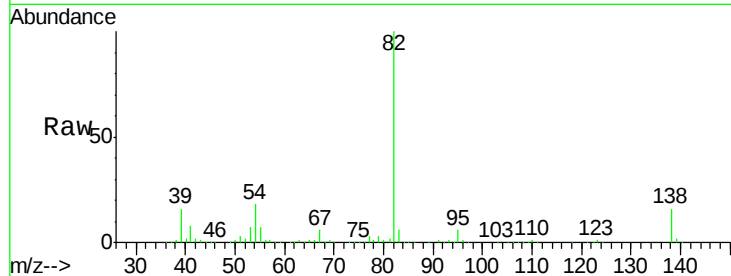
Tot Ion: 82 Resp: 915800

Ion Ratio Lower Upper

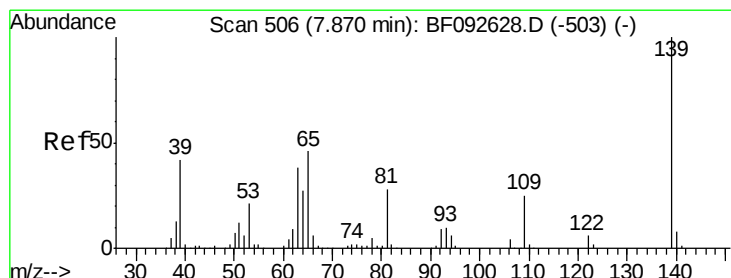
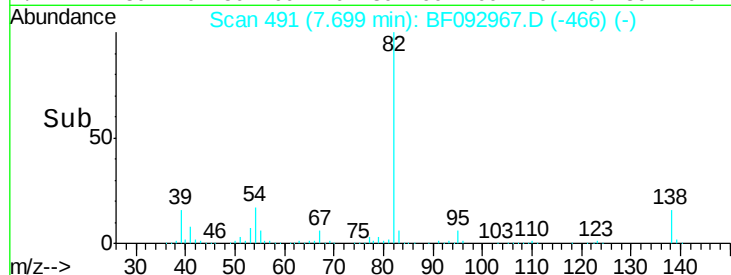
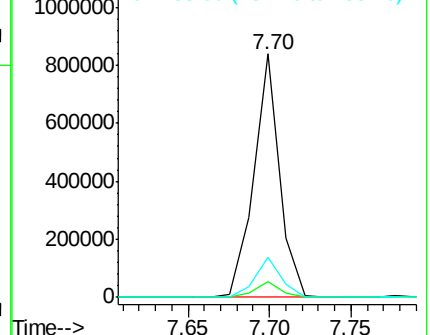
82 100

95 6.3 5.6 8.4

138 16.4 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 49.96 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

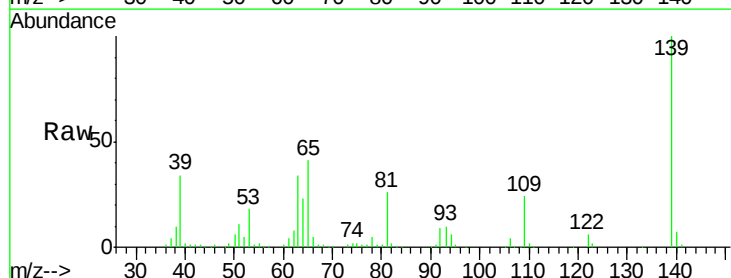
Tgt Ion: 139 Resp: 266100

Ion Ratio Lower Upper

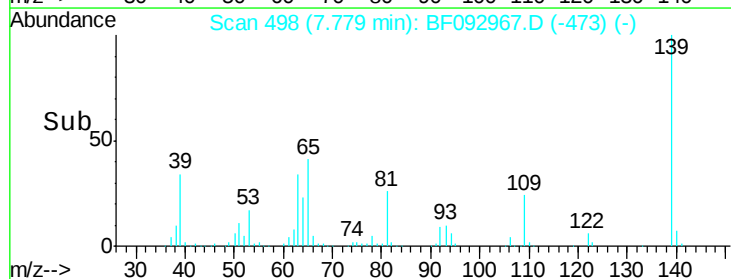
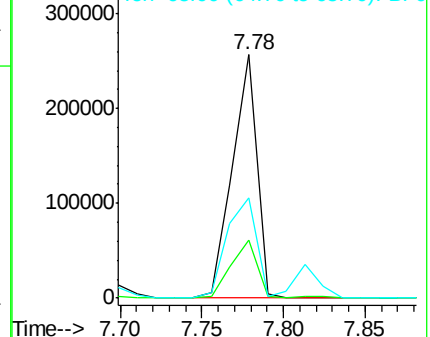
139 100

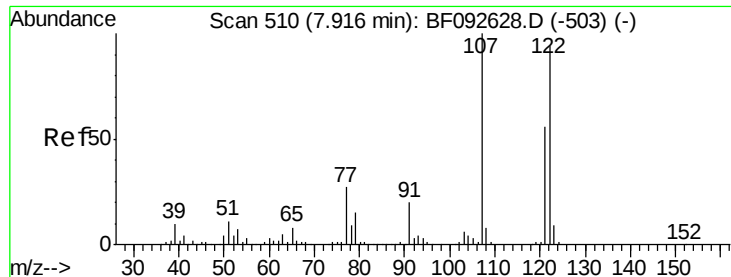
109 23.6 23.3 34.9

65 40.9 42.7 64.1#



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





#27

2,4-Dimethylphenol

Concen: 42.78 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.02 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

ClientSampled :

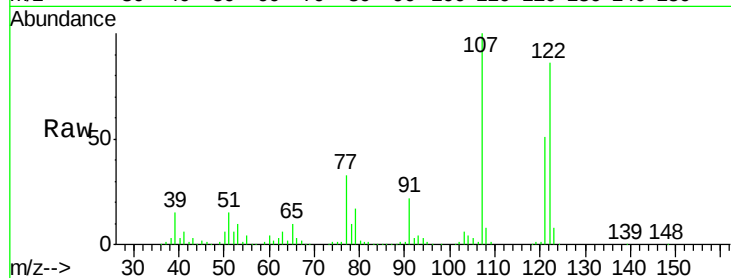
Tot Ion:122 Resp: 400125

Ion Ratio Lower Upper

122 100

107 116.3 94.1 141.1

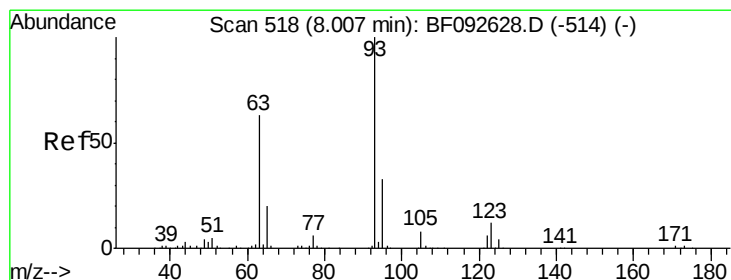
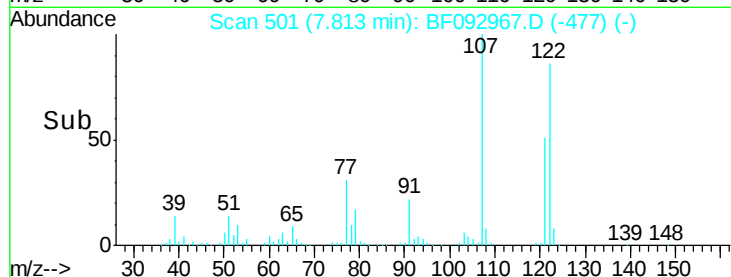
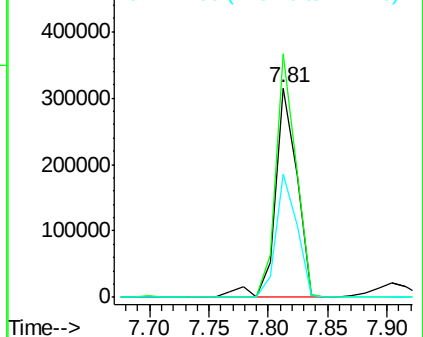
121 59.1 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.14 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

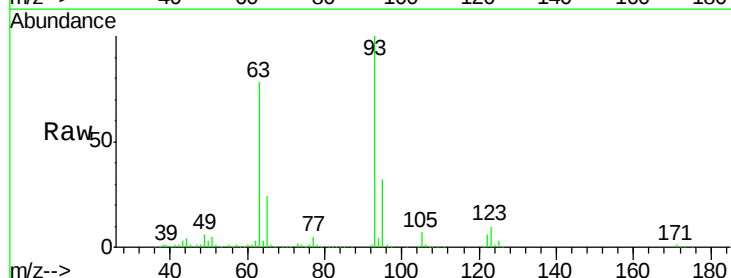
Tgt Ion: 93 Resp: 580875

Ion Ratio Lower Upper

93 100

95 31.9 26.5 39.7

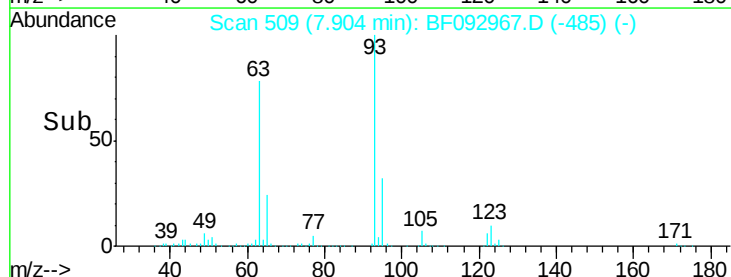
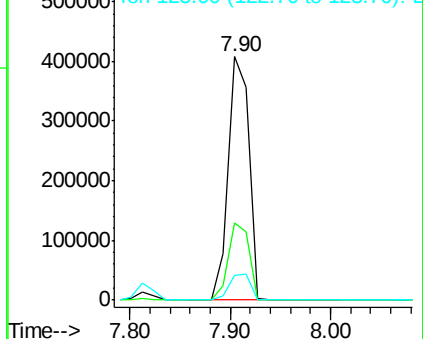
123 9.9 8.6 13.0

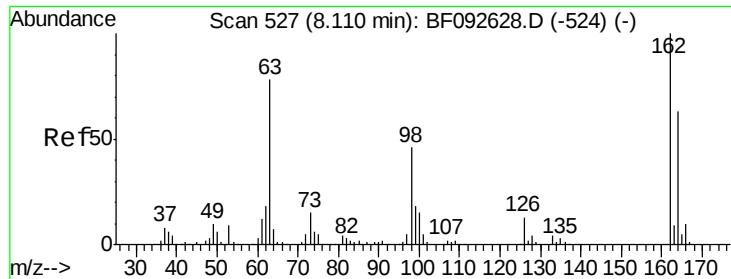


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

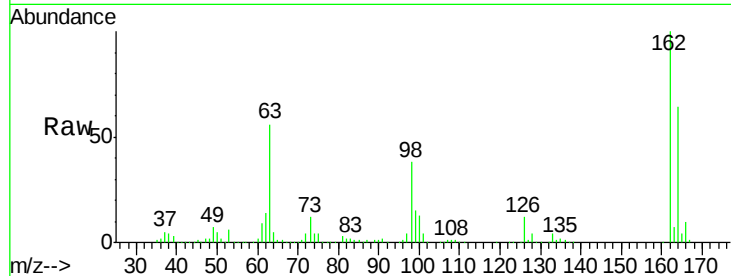




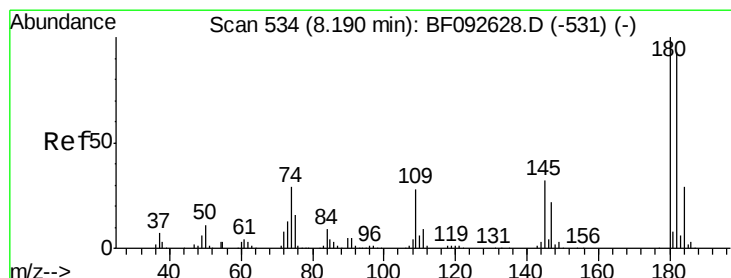
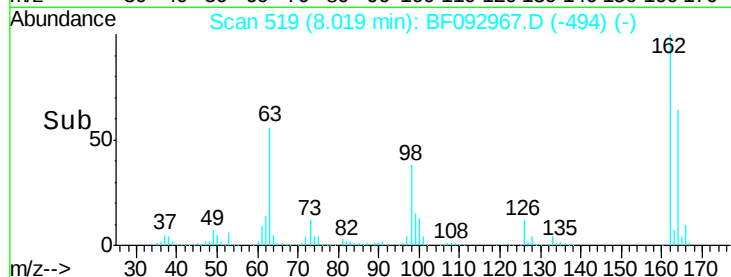
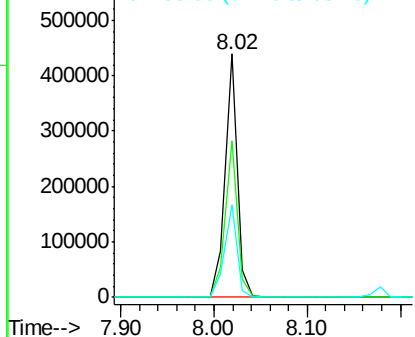
#29
 2,4-Dichlorophenol
 Concen: 45.79 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 399481
 Ion Ratio Lower Upper
 162 100
 164 64.2 46.8 86.8
 98 38.0 9.1 49.1

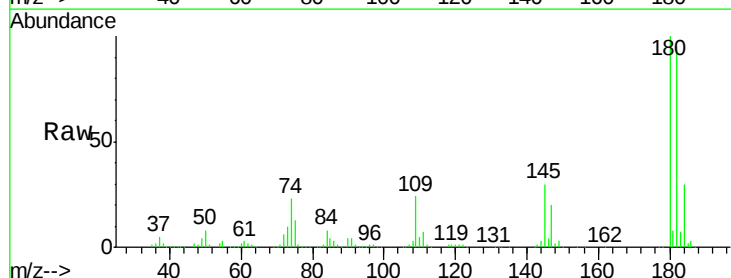


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

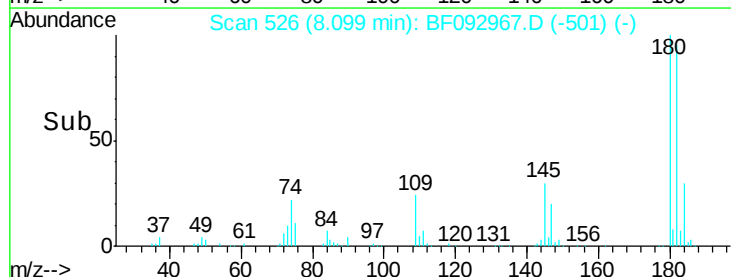
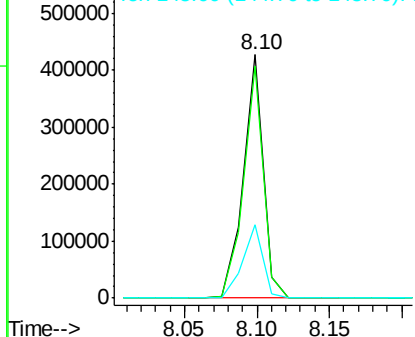


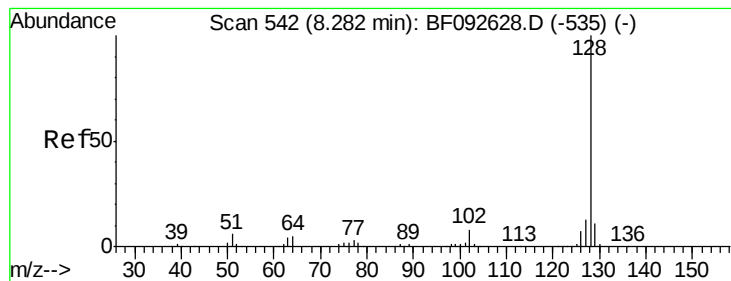
#30
 1,2,4-Trichlorobenzene
 Concen: 43.31 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Tgt Ion:180 Resp: 407098
 Ion Ratio Lower Upper
 180 100
 182 95.4 78.2 117.4
 145 30.0 21.6 32.4



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





#31

Naphthalene

Concen: 40.89 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

ClientSampleId :

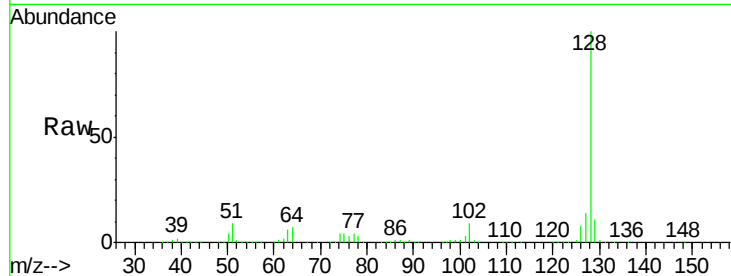
Tot Ion:128 Resp: 1259533

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

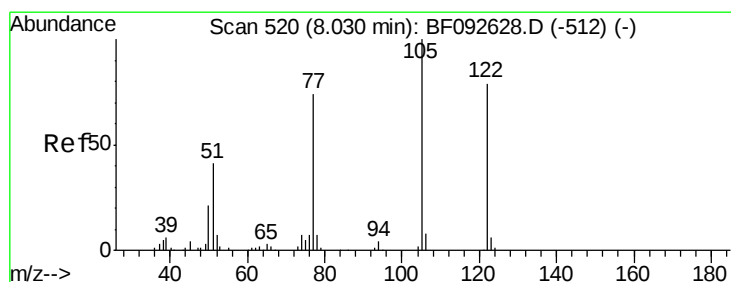
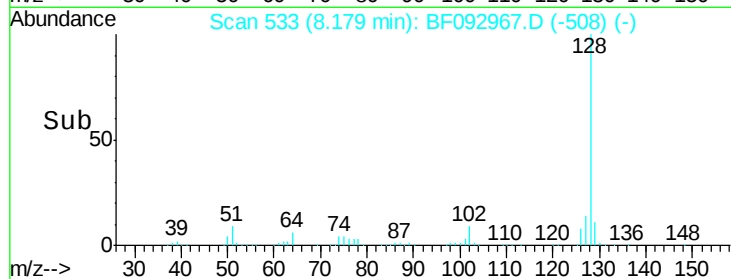
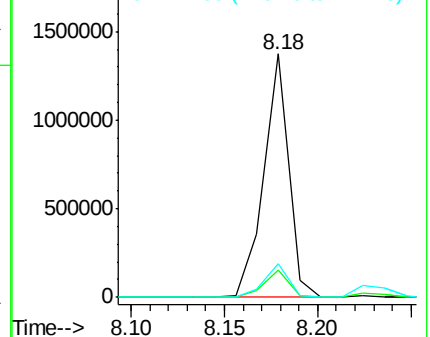
127 13.7 10.8 16.2



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: 15.56 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.07 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

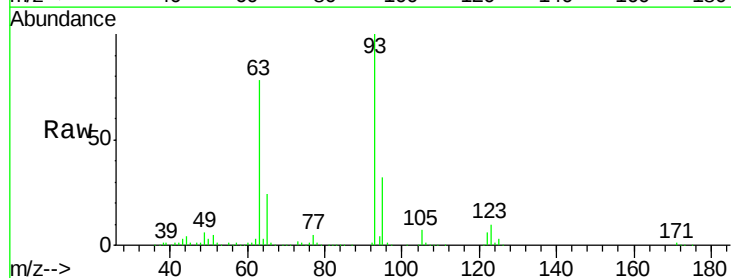
Tgt Ion:122 Resp: 52266

Ion Ratio Lower Upper

122 100

105 131.0 107.2 147.2

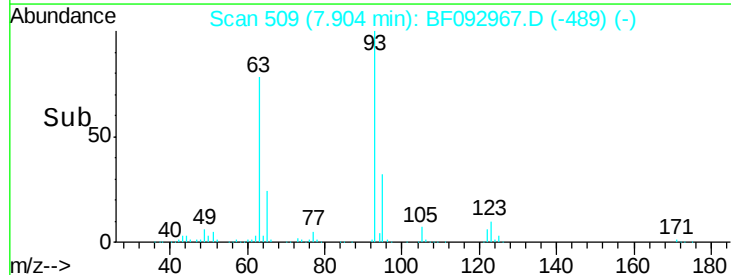
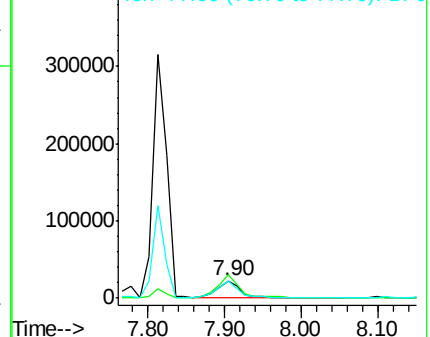
77 96.0 74.5 114.5

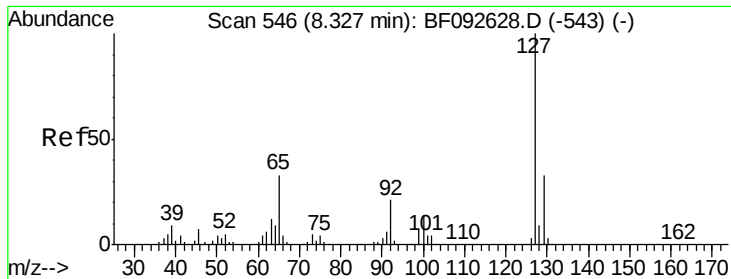


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

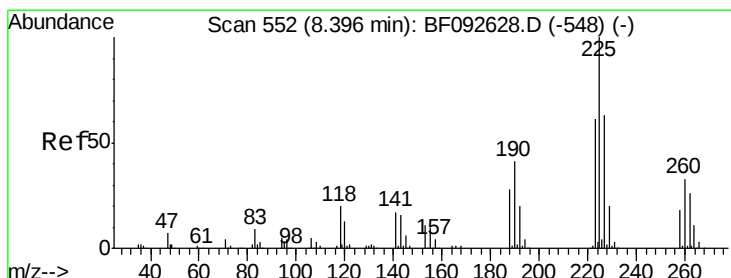
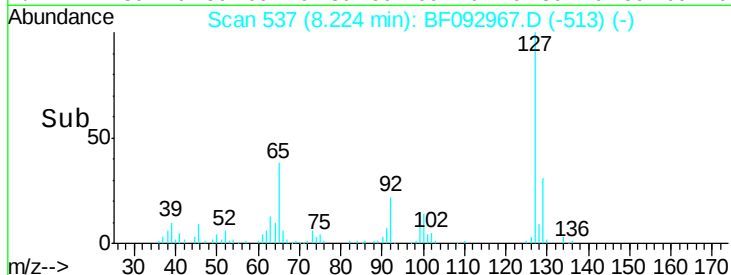
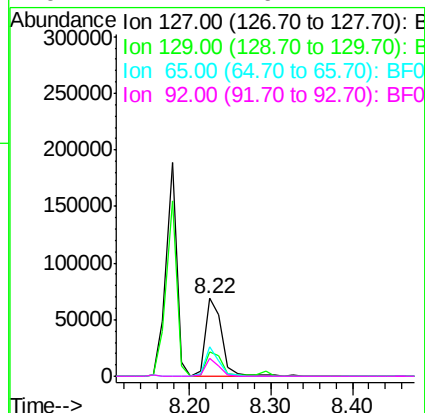
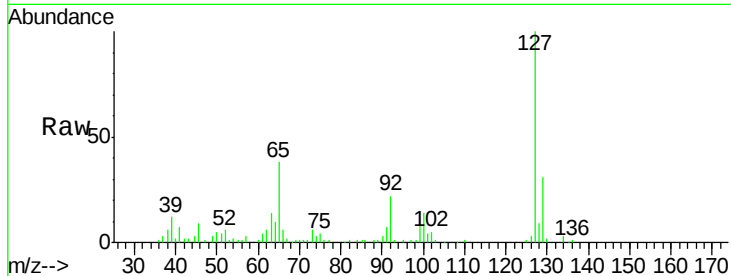




#33
4-Chloroaniline
Concen: 8.14 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

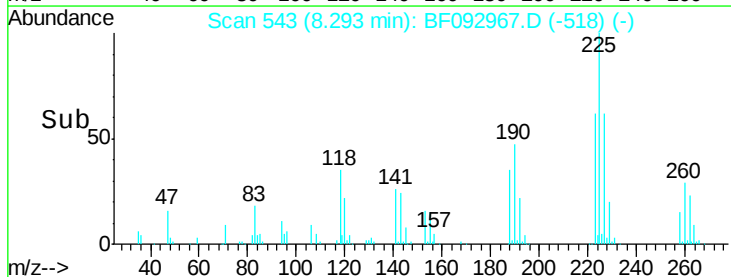
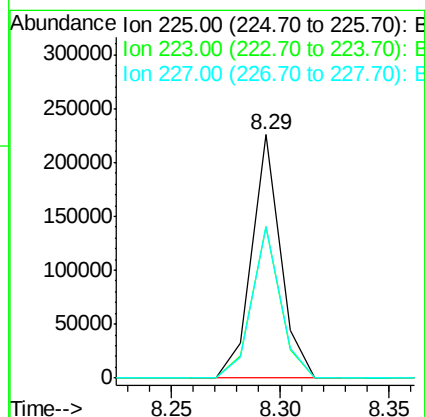
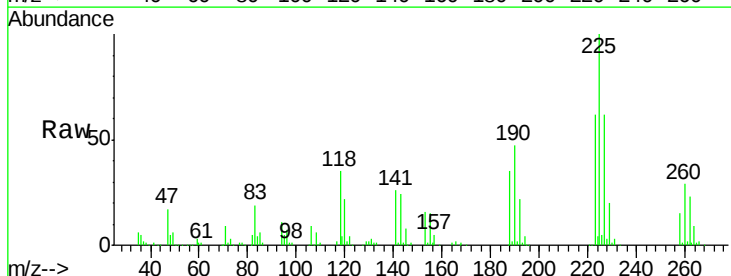
Instrument :
BNA_F
ClientSampled :

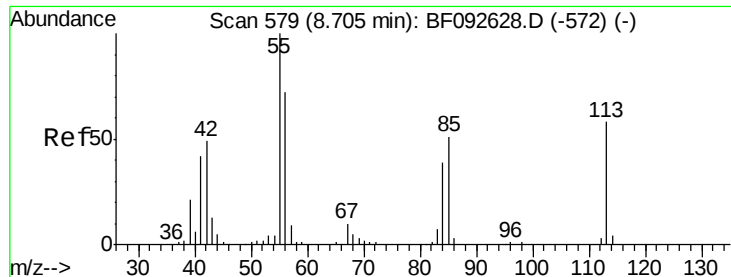
Tot Ion:	127	Resp:	98387
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.3	39.5
65	38.2	25.8	38.8
92	22.4	16.1	24.1



#34
Hexachlorobutadiene
Concen: 40.05 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion:	225	Resp:	207116
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.0	76.6
227	62.3	50.6	76.0

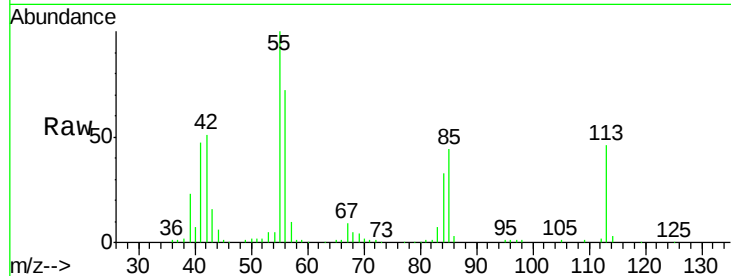




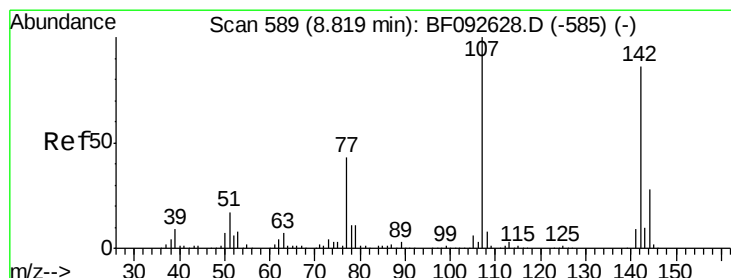
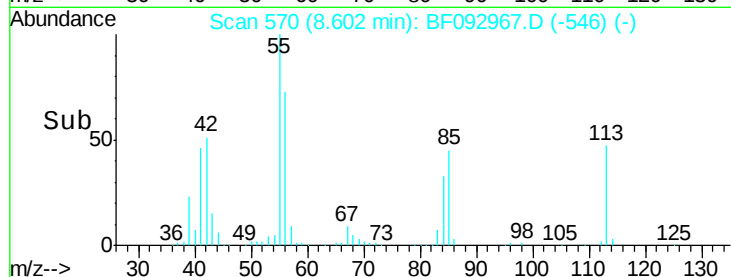
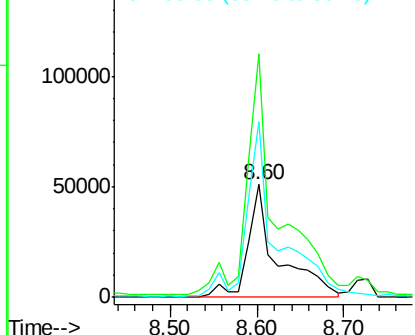
#35
 Caprolactam
 Concen: 44.25 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 121411
 Ion Ratio Lower Upper
 113 100
 55 216.4 119.2 159.2#
 56 156.3 83.8 123.8#

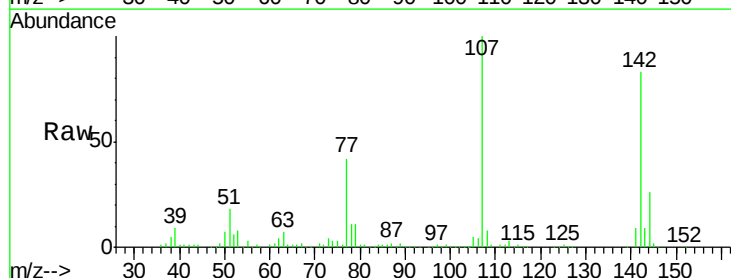


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

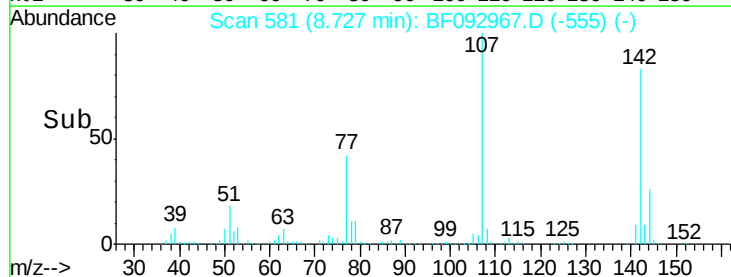
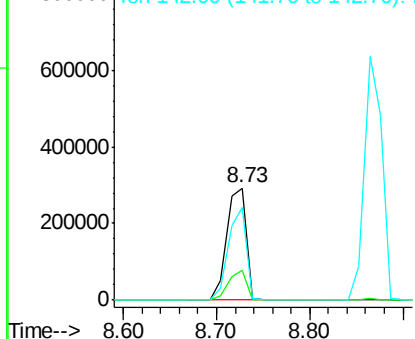


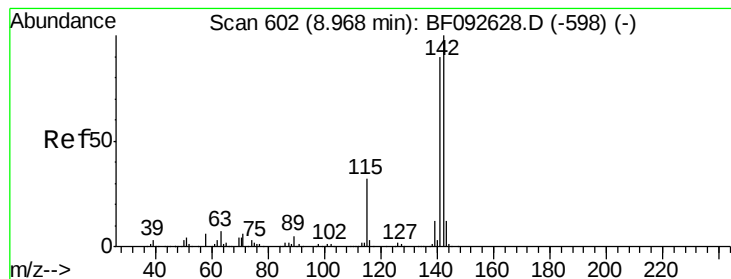
#36
 4-Chloro-3-methylphenol
 Concen: 47.20 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Tgt Ion:107 Resp: 429313
 Ion Ratio Lower Upper
 107 100
 144 26.3 19.3 28.9
 142 83.1 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

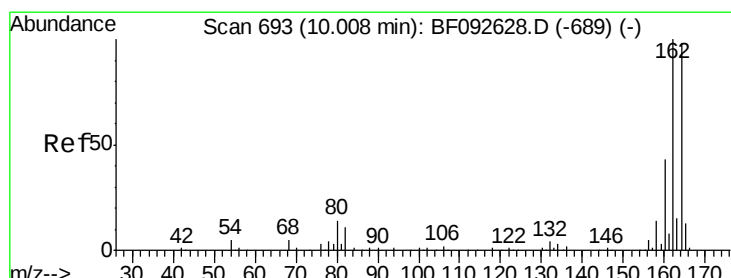
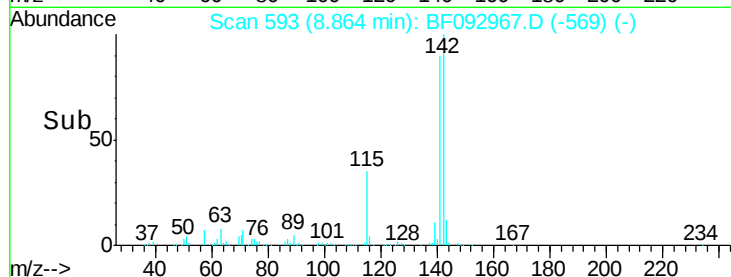
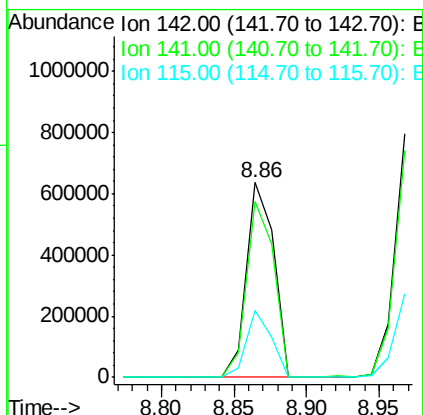
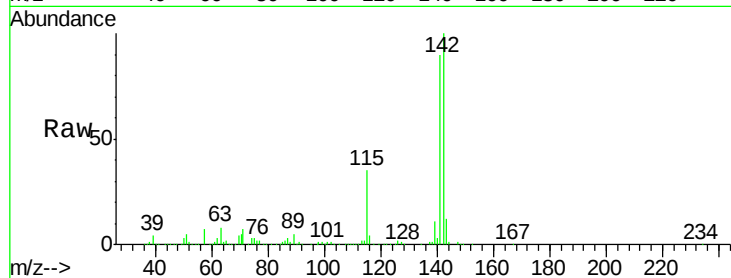




#37
2-Methylnaphthalene
Concen: 42.11 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

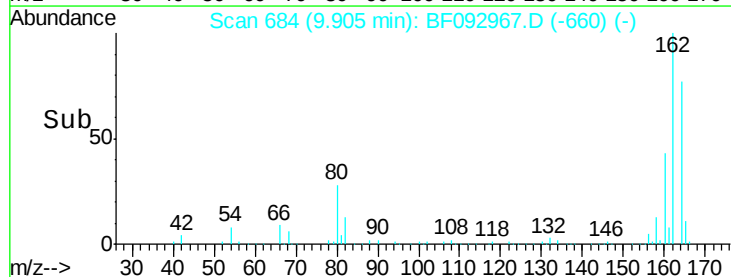
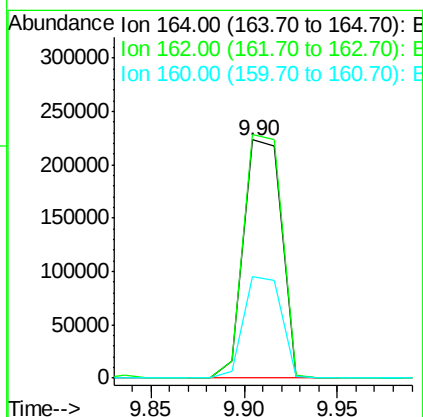
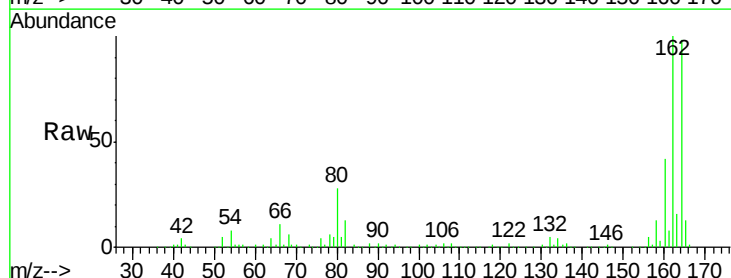
Instrument :
BNA_F
ClientSampleId :

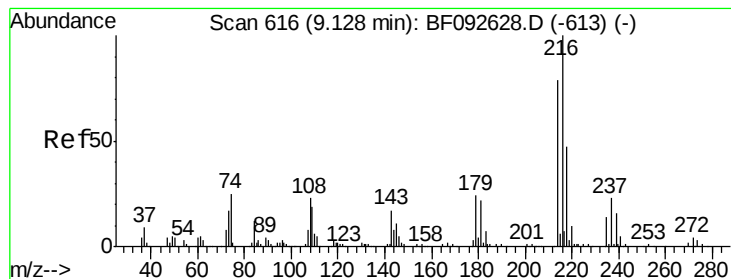
Tot Ion:142 Resp: 832802
Ion Ratio Lower Upper
142 100
141 90.2 71.0 106.6
115 34.6 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion:164 Resp: 315250
Ion Ratio Lower Upper
164 100
162 102.2 80.2 120.2
160 42.9 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.42 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 375352

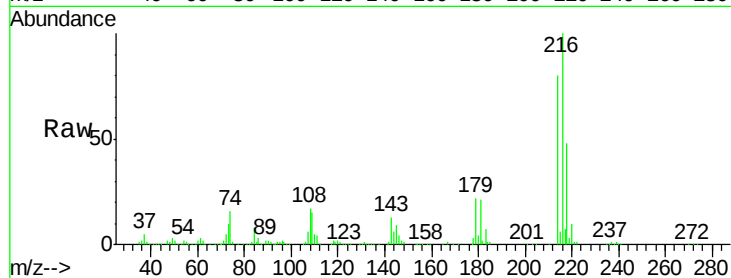
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.0

179 21.7 17.4 26.2

108 20.4 15.6 23.4

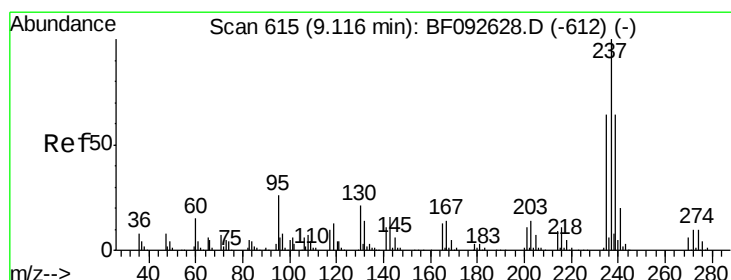
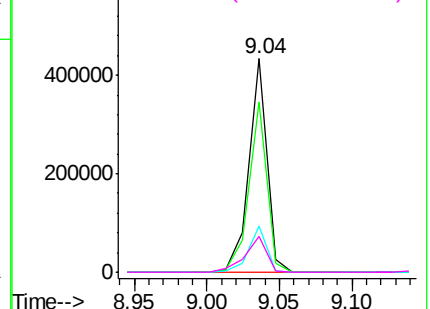
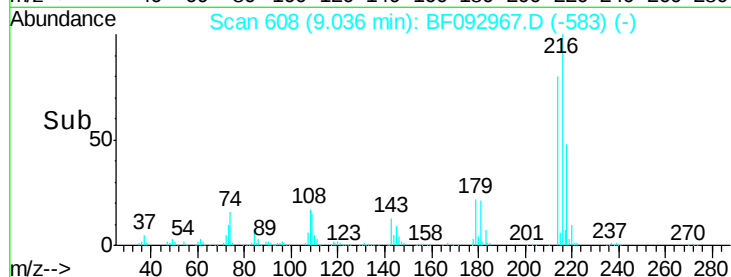


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 65.39 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

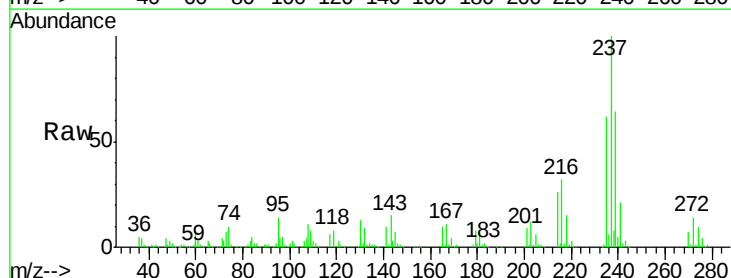
Tgt Ion:237 Resp: 261057

Ion Ratio Lower Upper

237 100

235 62.4 41.2 81.2

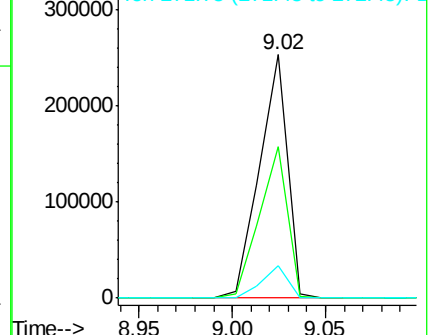
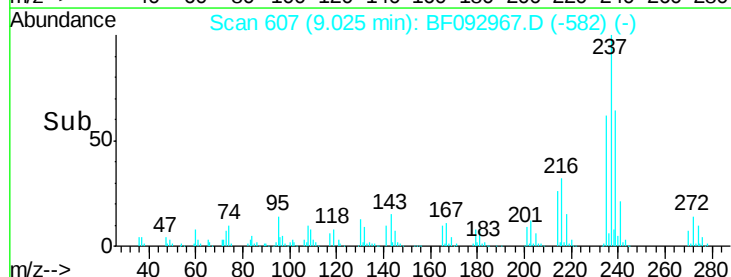
272 13.5 0.0 35.4

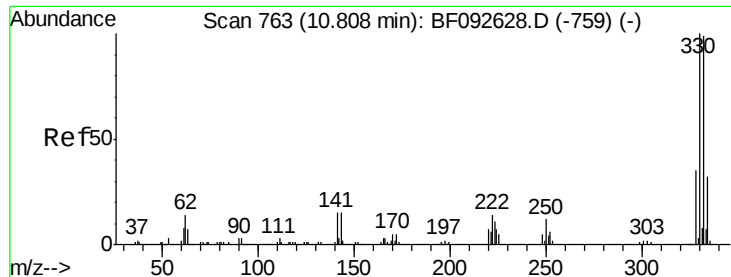


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

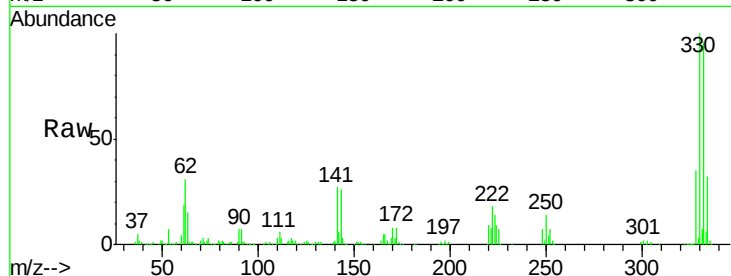




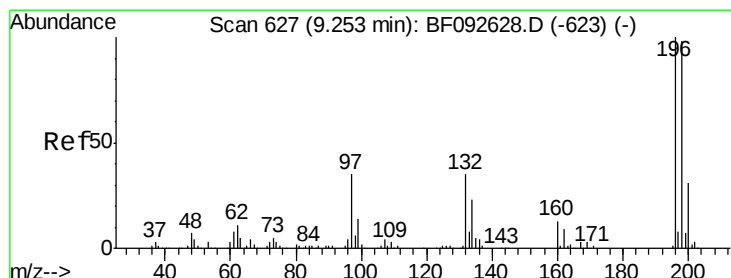
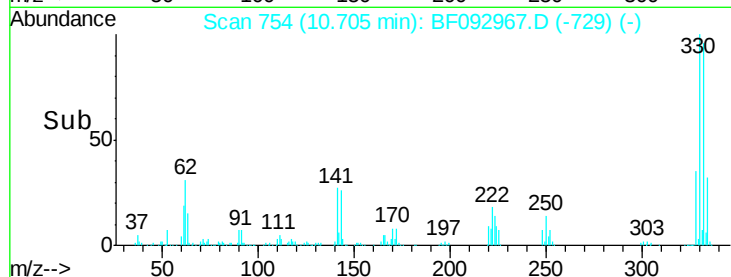
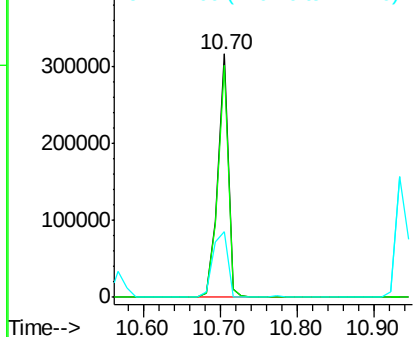
#41
 2,4,6-Tribromophenol
 Concen: 131.85 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	38.0	34.1	51.1

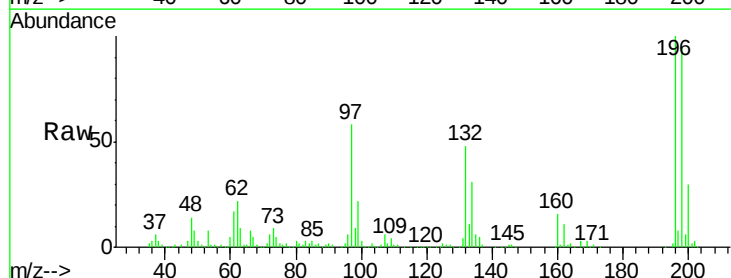


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

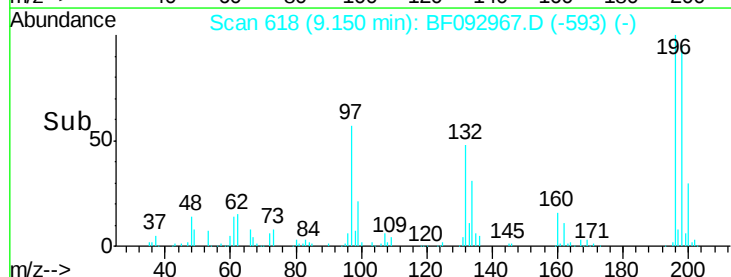
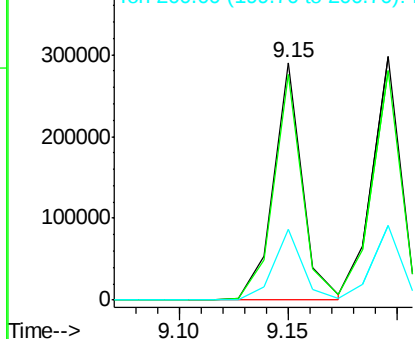


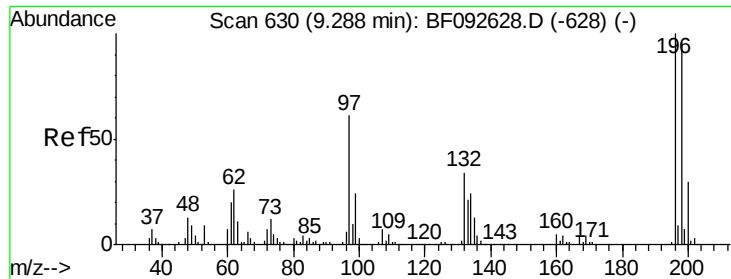
#42
 2,4,6-Trichlorophenol
 Concen: 46.46 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	82.1	123.1
200	29.9	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

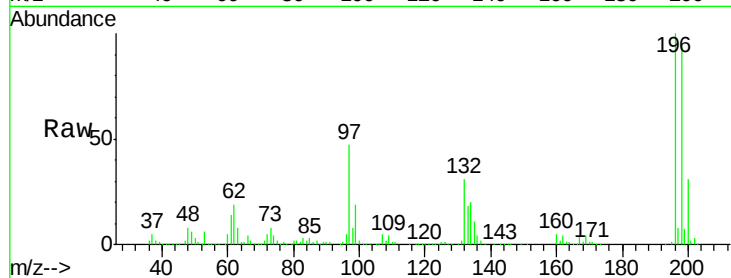




#43
 2,4,5-Trichlorophenol
 Concen: 43.38 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	94.4	79.4	119.2	
97	47.3	51.5	77.3	
132	30.8	27.4	41.2	



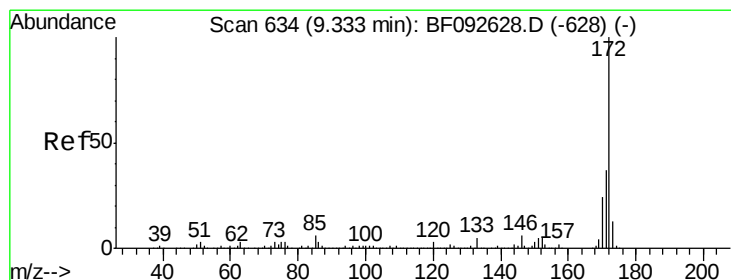
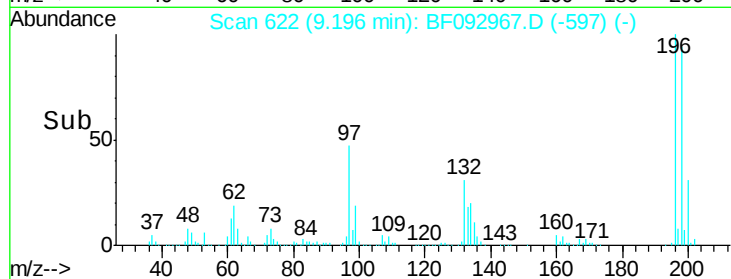
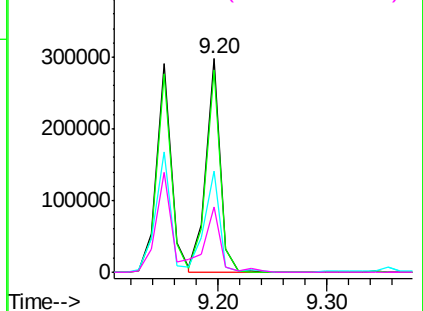
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

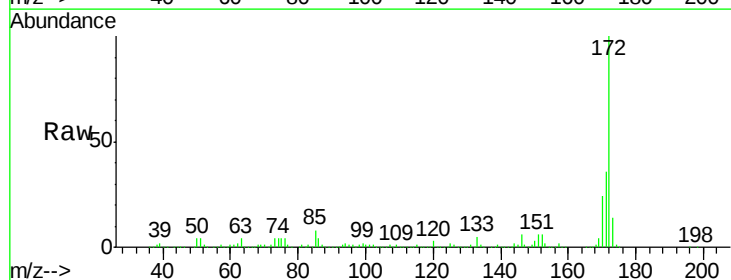
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.77 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.4	29.4	44.0	
170	24.3	20.2	30.4	

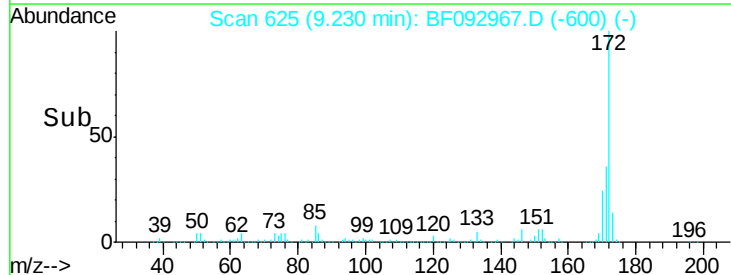
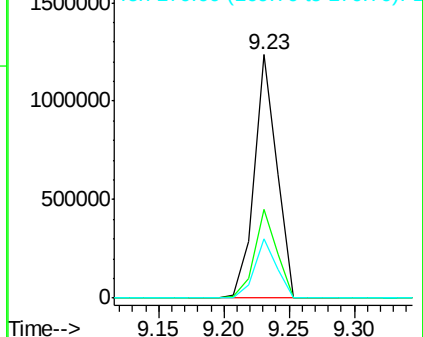


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

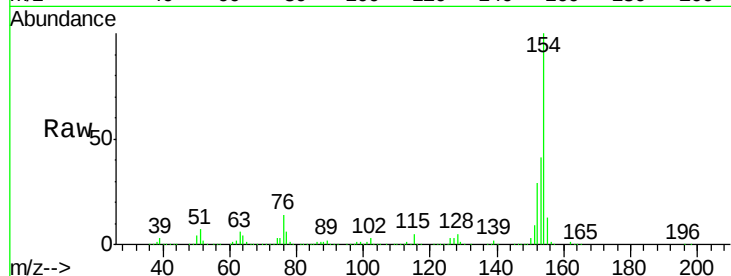




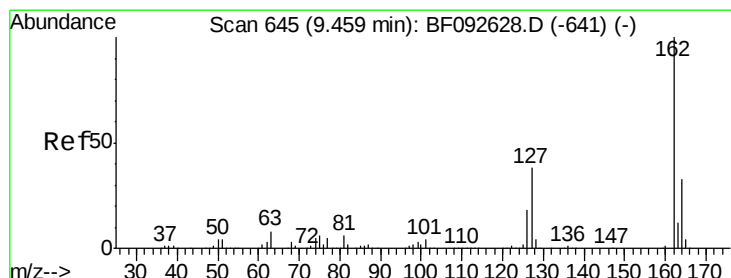
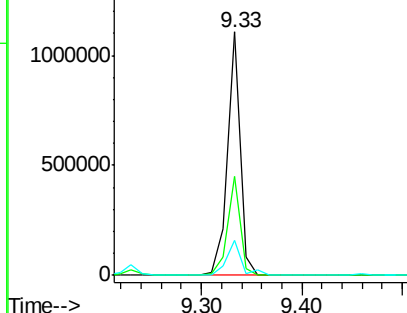
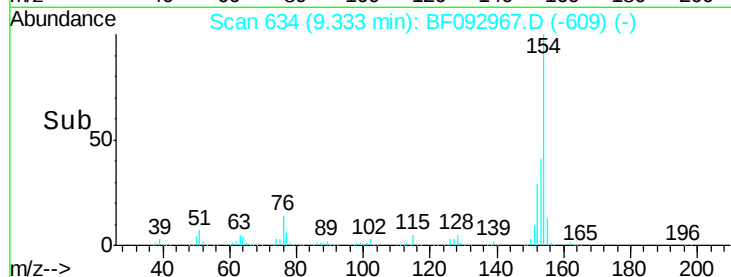
#45
 1,1'-Biphenyl
 Concen: 42.74 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.9	60.9
76	14.5	0.0	30.5

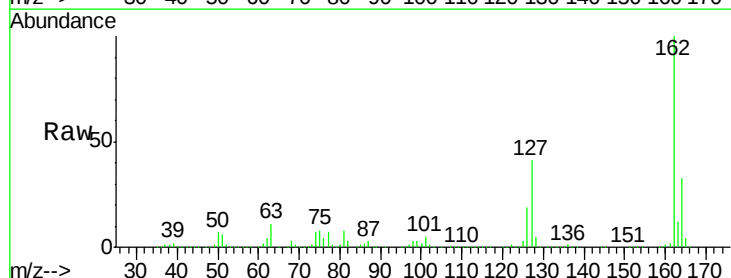


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

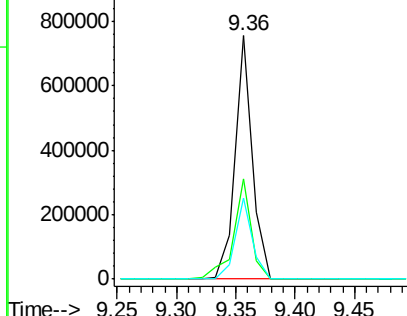
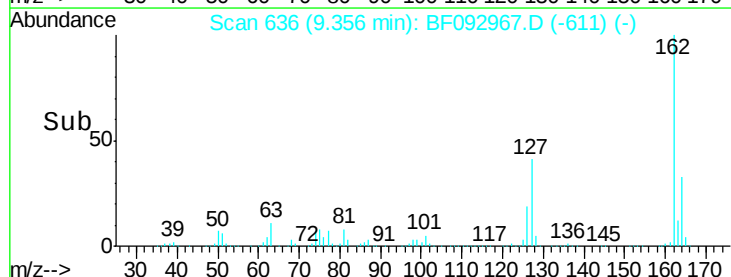


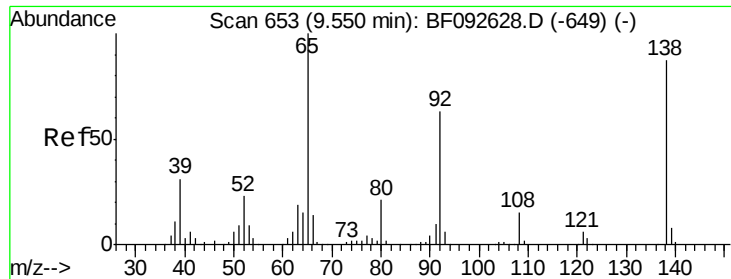
#46
 2-Chloronaphthalene
 Concen: 42.52 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	30.7	46.1
164	33.4	27.6	41.4



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

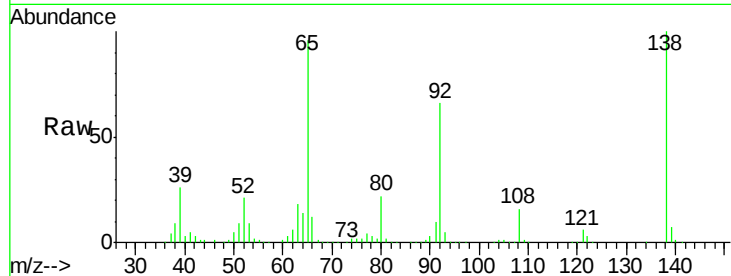




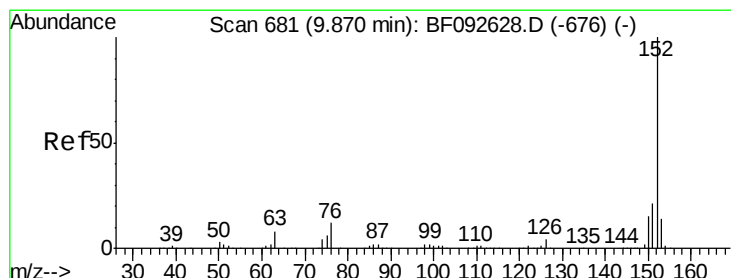
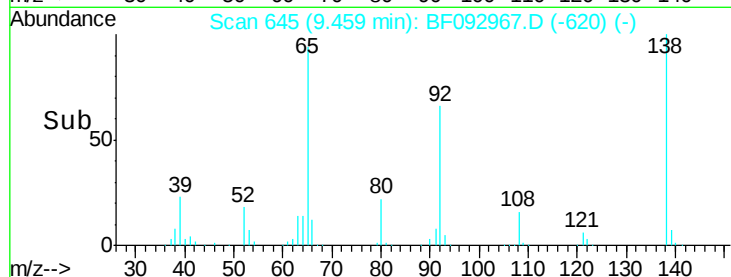
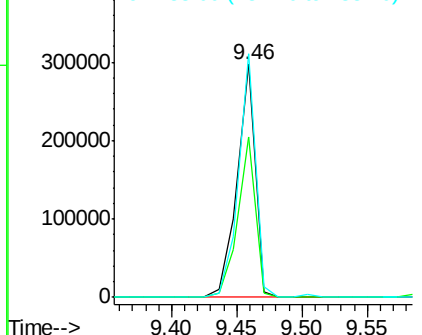
#47
2-Nitroaniline
Concen: 47.47 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 285004
Ion Ratio Lower Upper
65 100
92 69.0 53.9 80.9
138 104.6 76.8 115.2

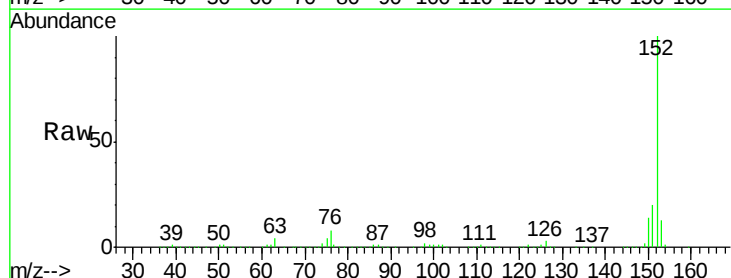


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

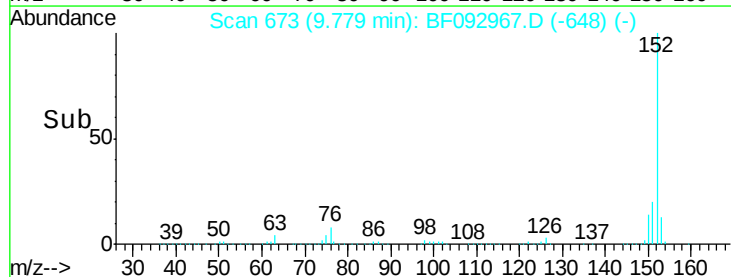
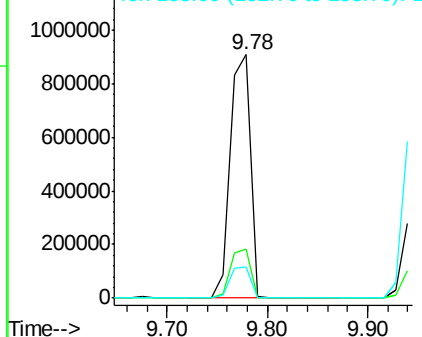


#48
Acenaphthylene
Concen: 40.91 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion: 152 Resp: 1262133
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 12.8 11.4 17.2



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

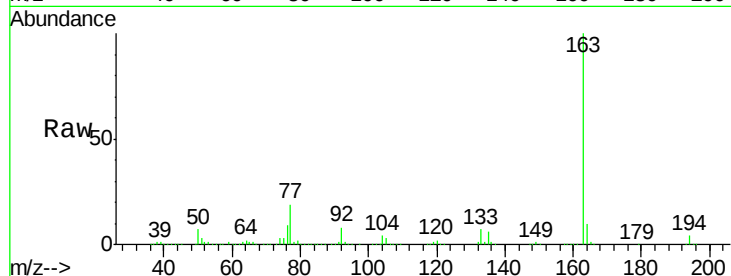




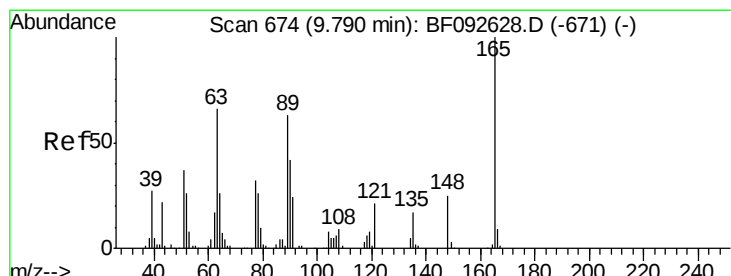
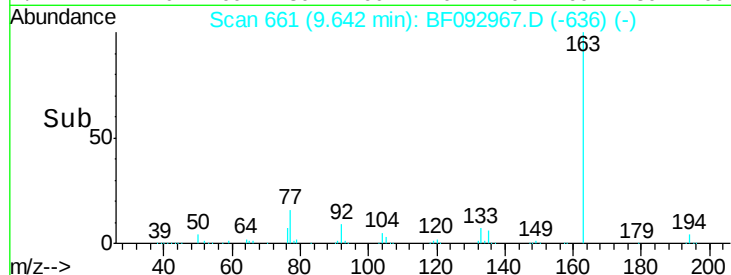
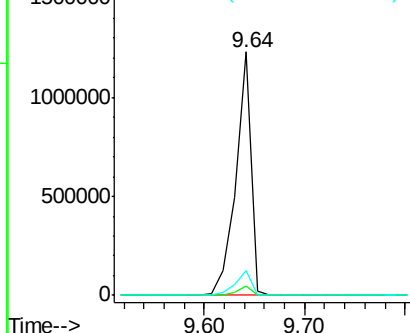
#49
Dimethylphthalate
Concen: 60.90 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1293211
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.3 8.0 12.0

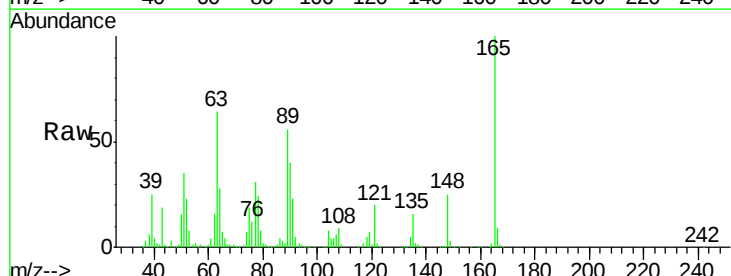


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

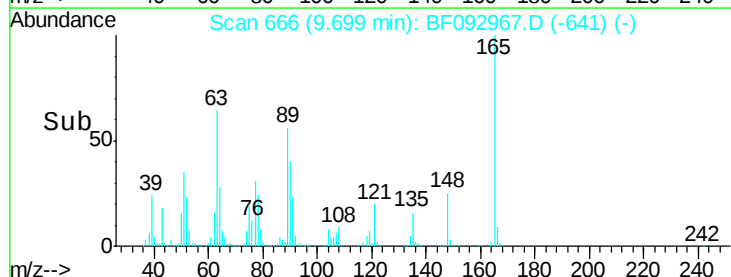
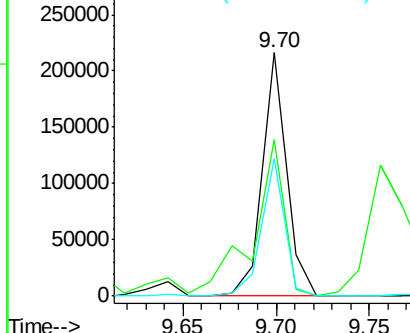


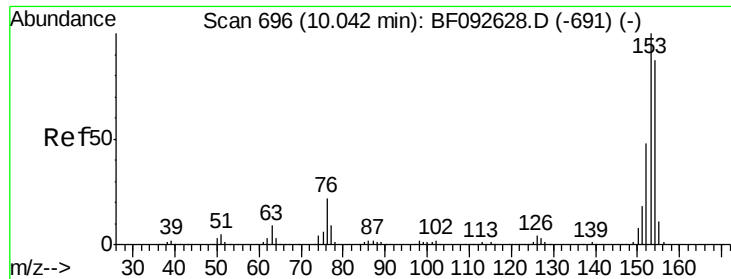
#50
2,6-Dinitrotoluene
Concen: 42.48 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion:165 Resp: 194818
Ion Ratio Lower Upper
165 100
63 64.1 36.2 54.4#
89 56.3 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: 41.40 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

ClientSampleId :

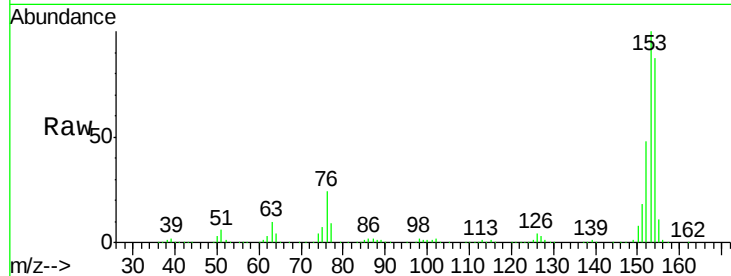
Tot Ion:154 Resp: 763527

Ion Ratio Lower Upper

154 100

153 115.2 88.6 133.0

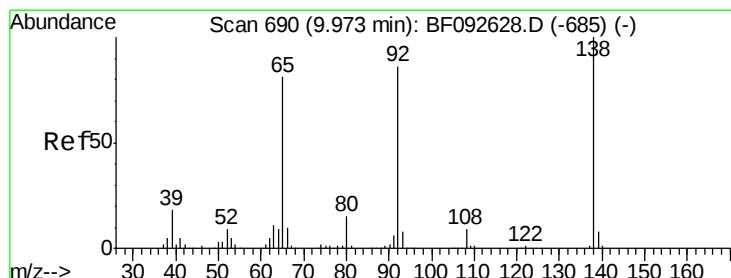
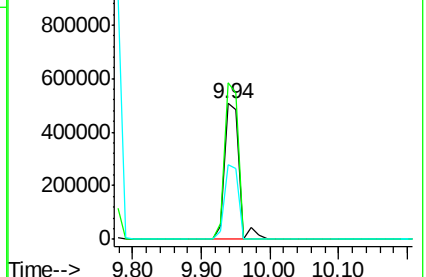
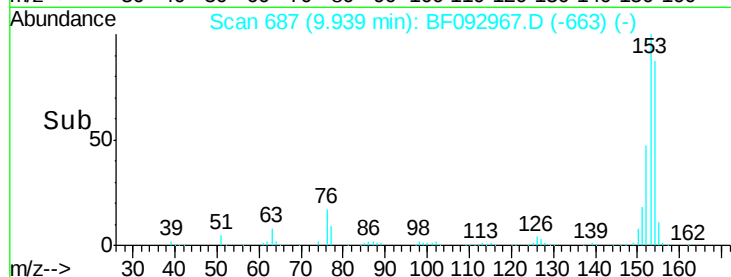
152 54.7 41.6 62.4



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: 22.07 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

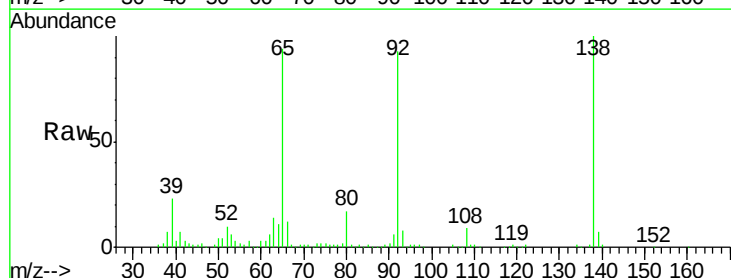
Tgt Ion:138 Resp: 115820

Ion Ratio Lower Upper

138 100

108 9.3 8.5 12.7

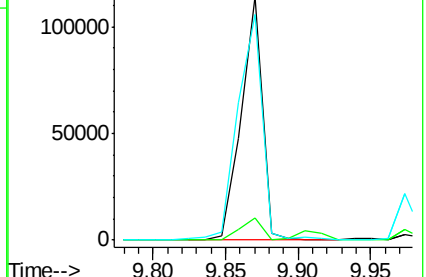
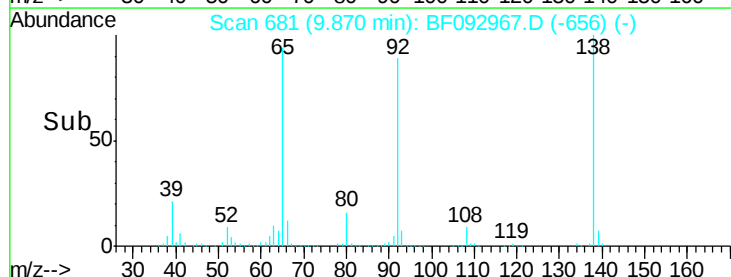
92 92.9 97.8 146.8#

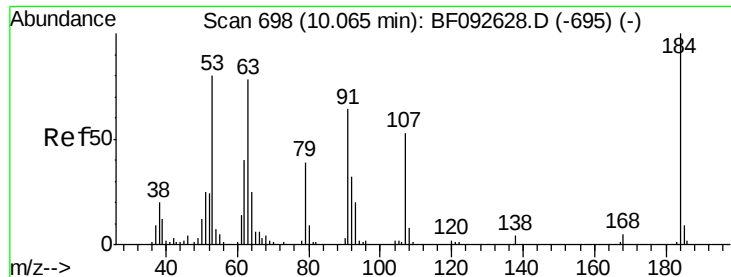


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

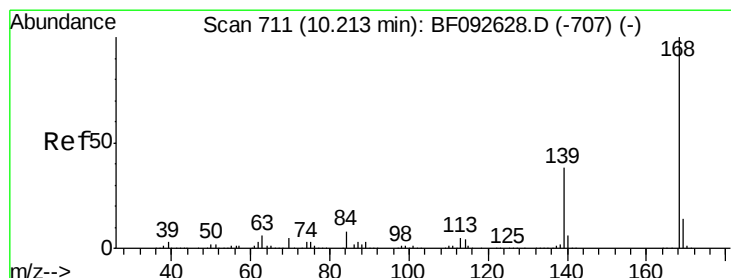
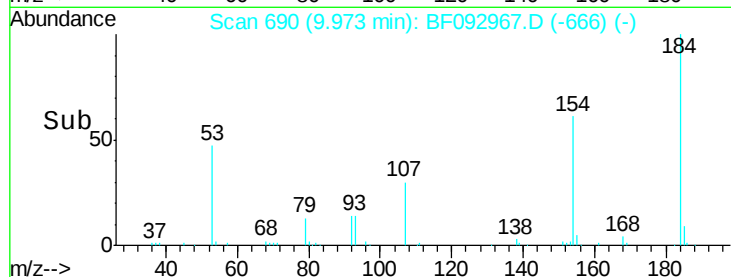
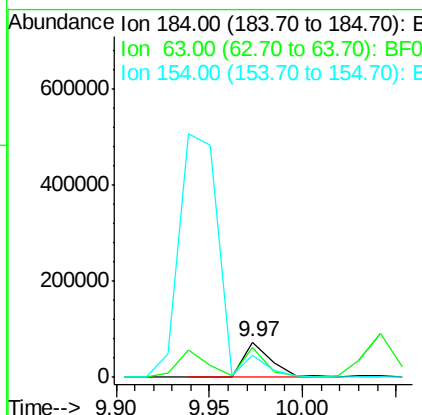
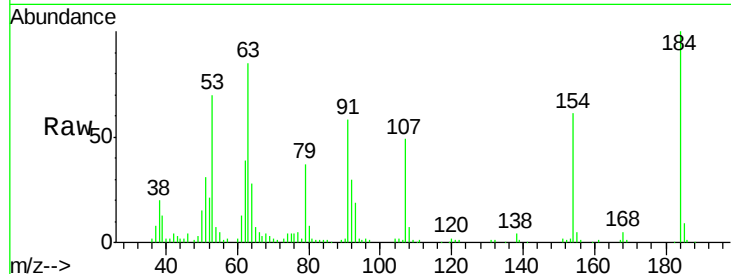




#53
2,4-Dinitrophenol
Concen: 35.51 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

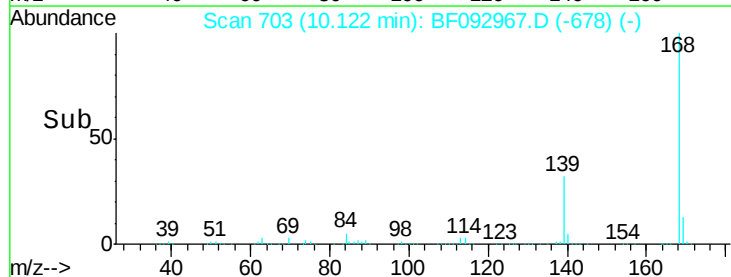
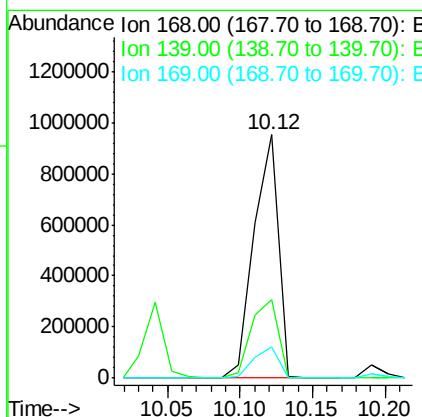
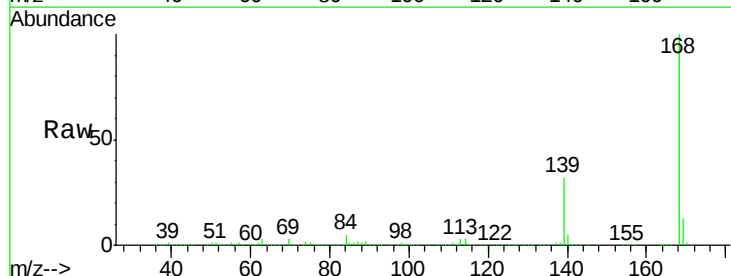
Instrument :
BNA_F
ClientSampleId :

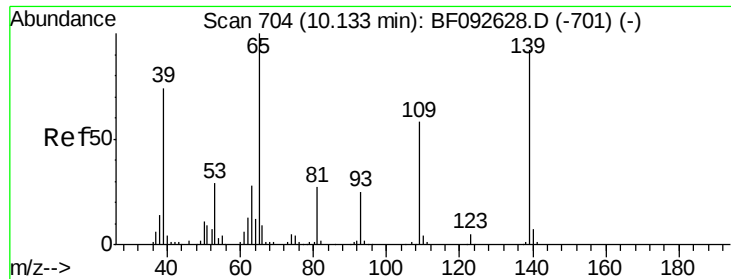
Tot Ion:184 Resp: 76317
Ion Ratio Lower Upper
184 100
63 84.6 28.4 42.6#
154 61.5 44.3 66.5



#54
Dibenzofuran
Concen: 45.18 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion:168 Resp: 1114545
Ion Ratio Lower Upper
168 100
139 32.0 32.6 49.0#
169 13.0 11.3 16.9

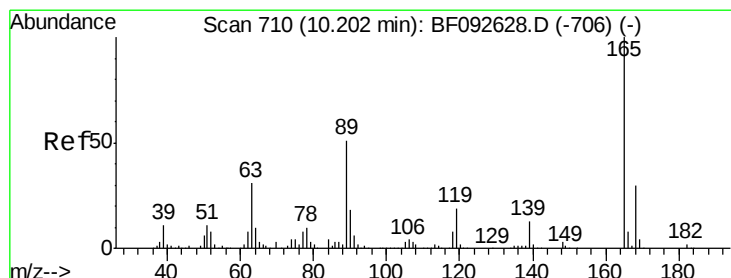
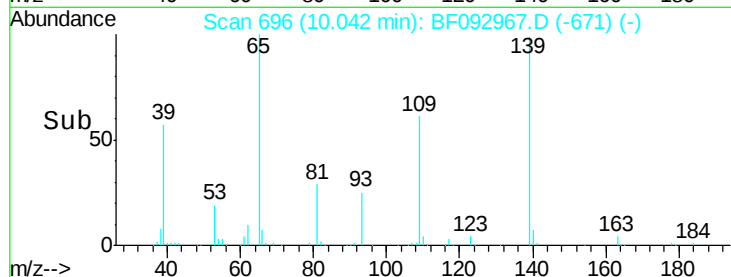
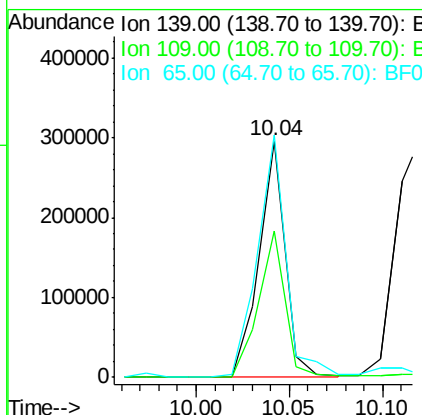
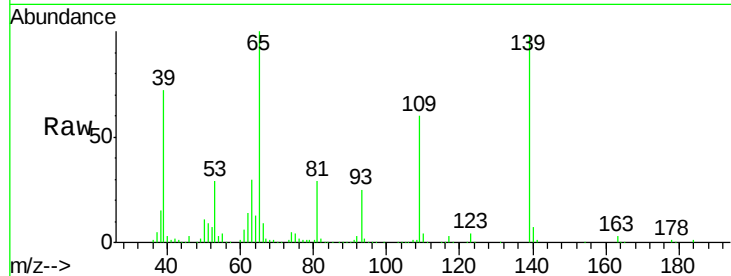




#55
4-Nitrophenol
Concen: 75.77 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

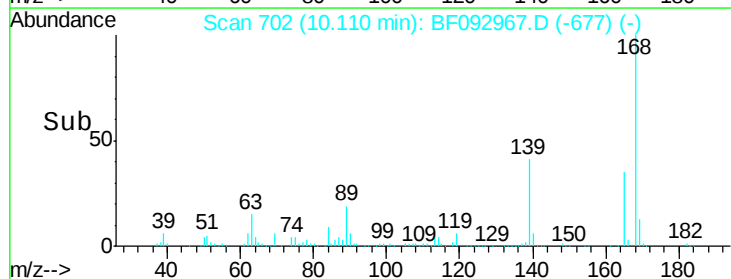
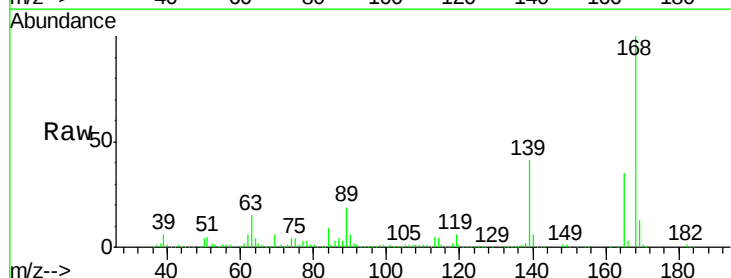
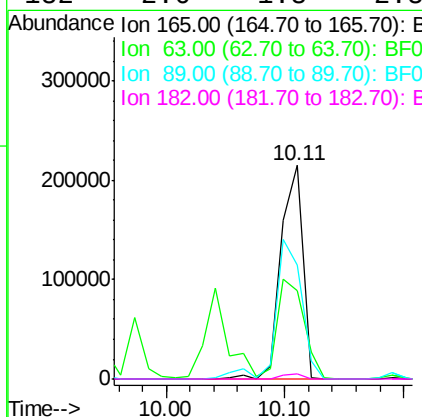
Instrument :
BNA_F
ClientSampleId :

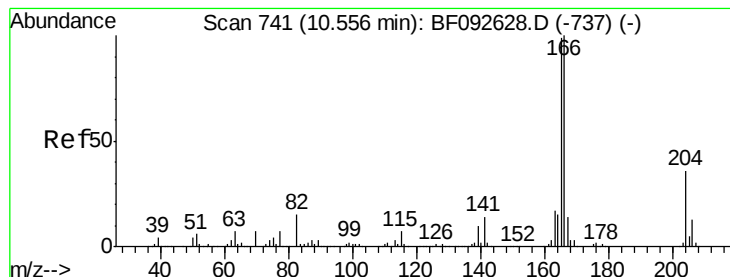
Tot Ion:139 Resp: 286381
Ion Ratio Lower Upper
139 100
109 62.0 52.2 92.2
65 102.5 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 44.44 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion:165 Resp: 271312
Ion Ratio Lower Upper
165 100
63 41.4 40.2 60.4
89 53.4 62.5 93.7#
182 2.6 1.8 2.8





#57

Fluorene

Concen: 40.05 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

ClientSampleId :

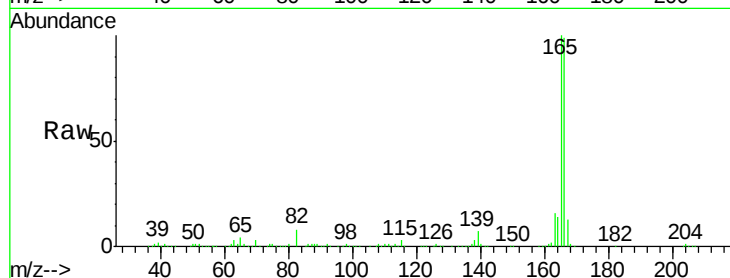
Tot Ion:166 Resp: 760030

Ion Ratio Lower Upper

166 100

165 100.8 77.8 116.8

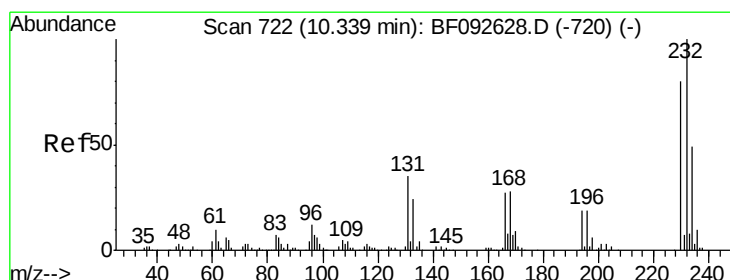
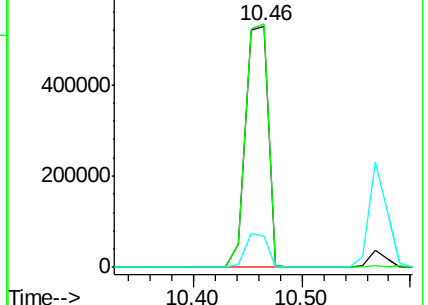
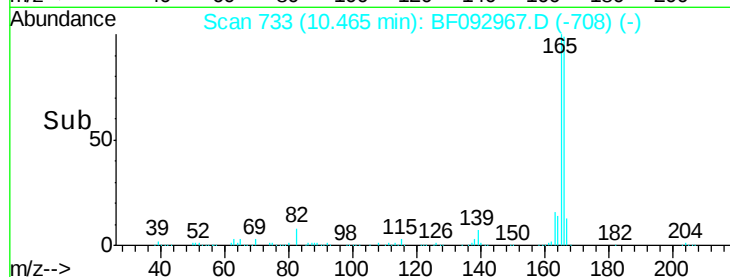
167 13.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.80 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Tgt Ion:232 Resp: 211640

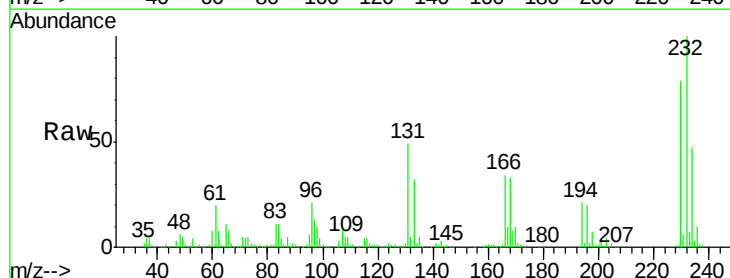
Ion Ratio Lower Upper

232 100

131 49.0 40.1 60.1

130 2.3 1.8 2.8

166 33.0 26.6 39.8

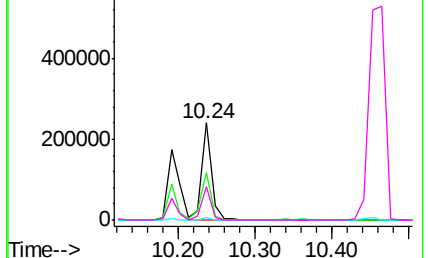
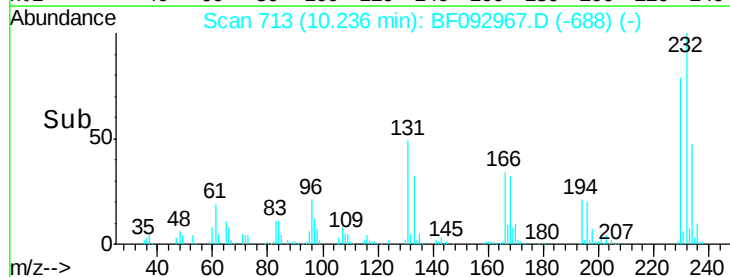


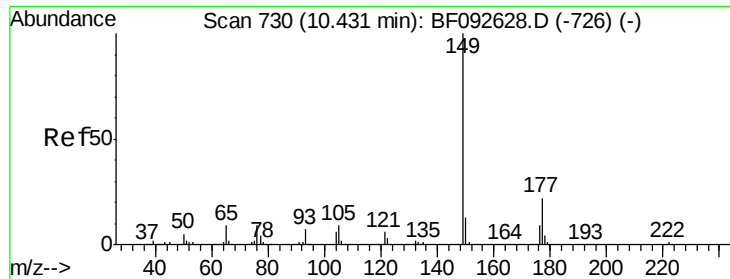
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

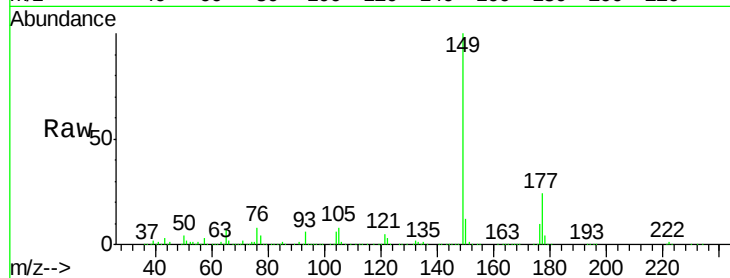




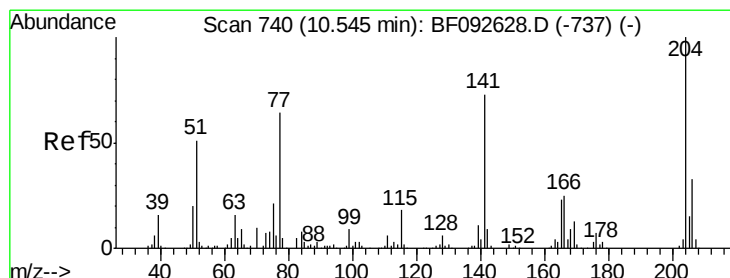
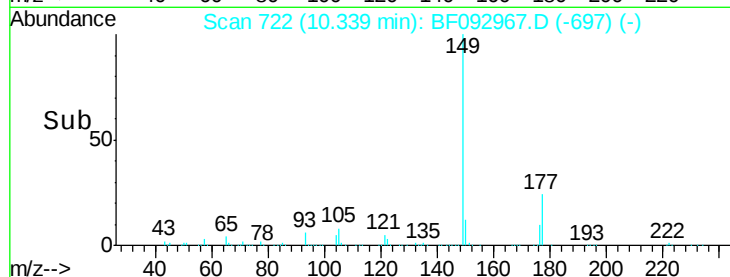
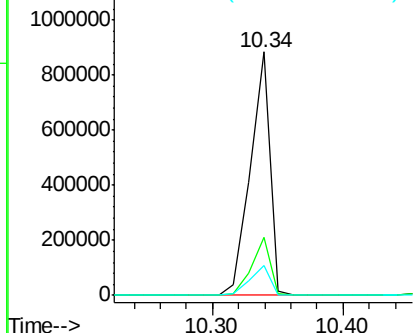
#59
Diethylphthalate
Concen: 46.14 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 923393
Ion Ratio Lower Upper
149 100
177 23.8 16.6 25.0
150 12.4 10.4 15.6

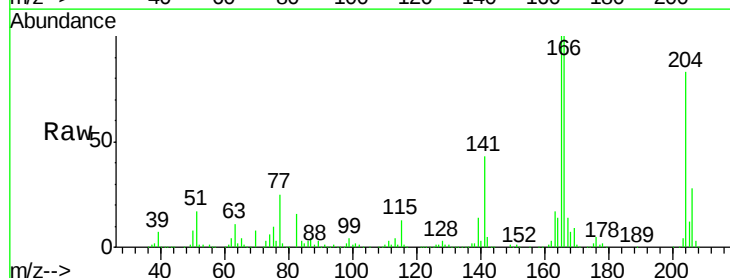


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

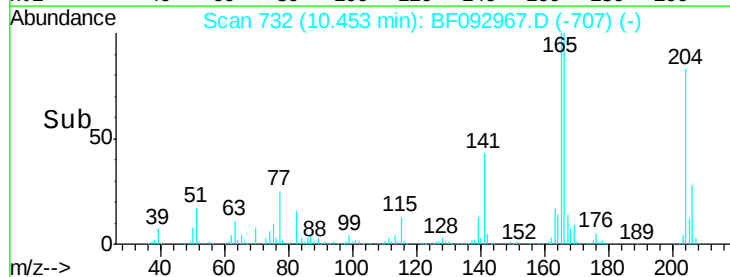
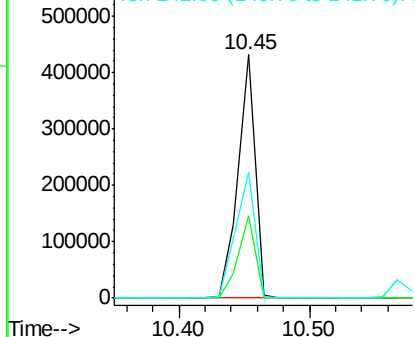


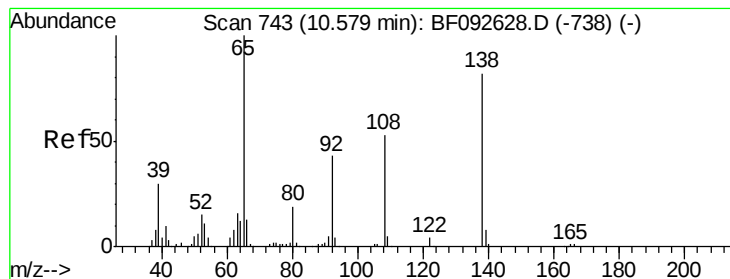
#60
4-Chlorophenyl-phenylether
Concen: 43.07 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion:204 Resp: 392687
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.6
141 52.0 59.4 89.0#



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





#61

4-Nitroaniline

Concen: 41.41 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

ClientSampleId :

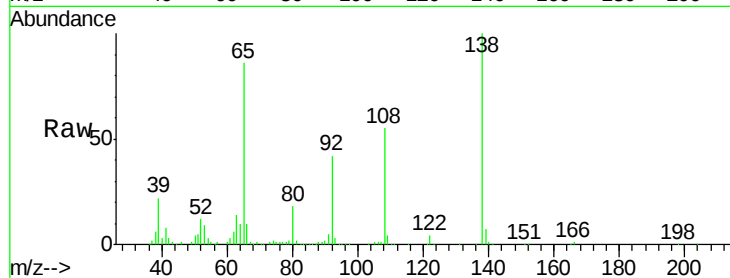
Tot Ion:138 Resp: 222577

Ion Ratio Lower Upper

138 100

92 41.6 31.7 71.7

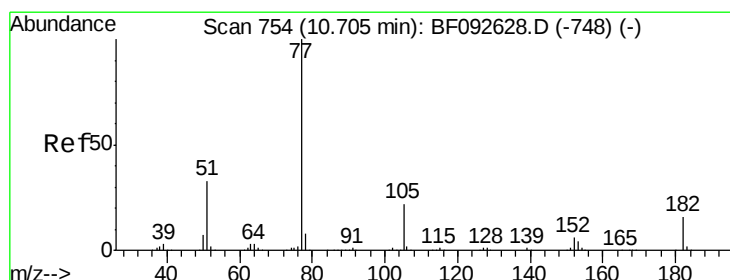
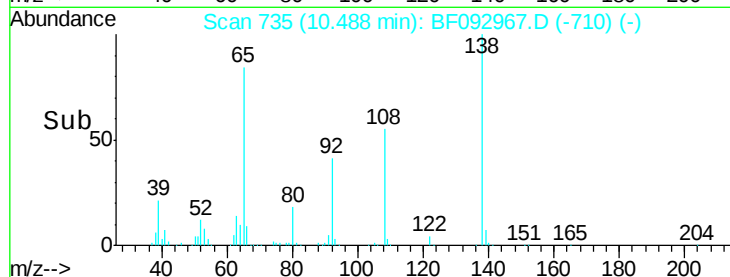
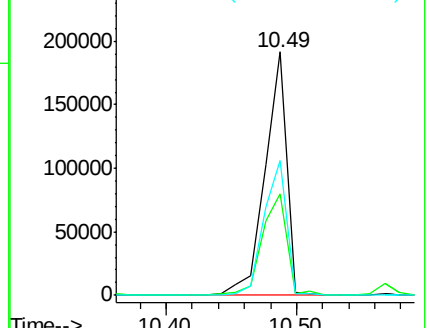
108 55.3 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.23 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Tgt Ion: 77 Resp: 997015

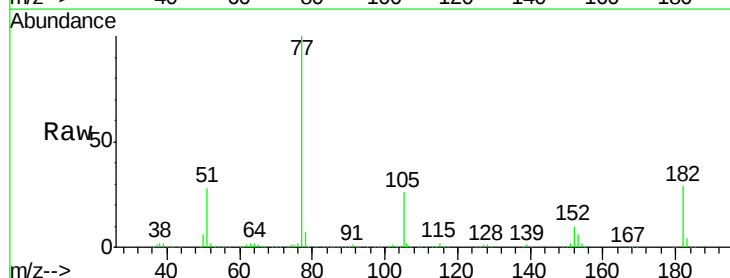
Ion Ratio Lower Upper

77 100

182 29.4 0.0 39.3

105 25.5 2.3 42.3

51 28.1 8.9 48.9

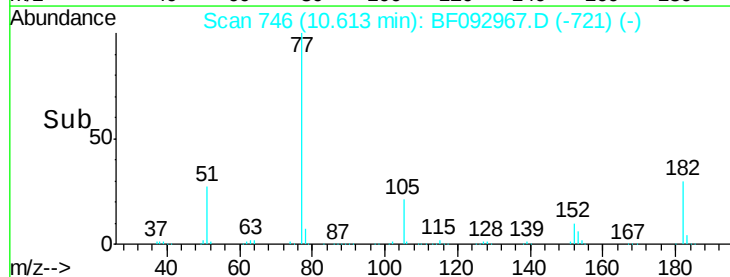
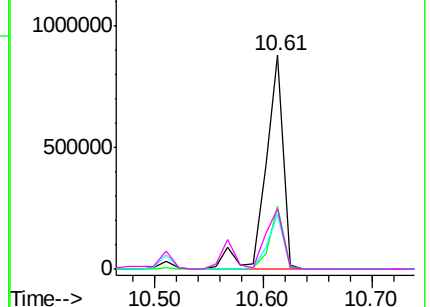


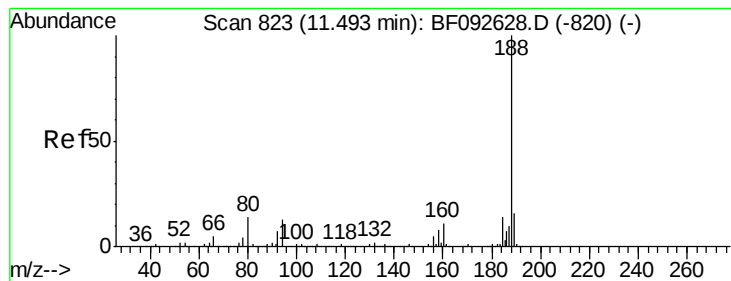
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

ClientSampleId :

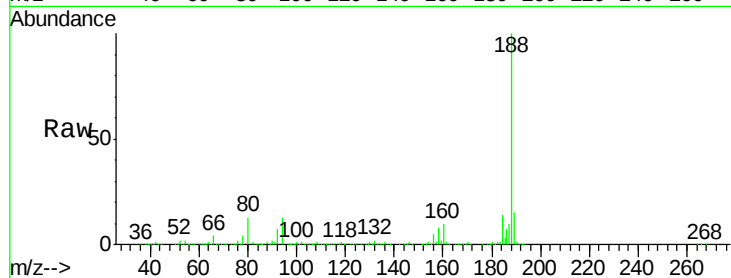
Tot Ion:188 Resp: 501611

Ion Ratio Lower Upper

188 100

94 12.5 10.0 15.0

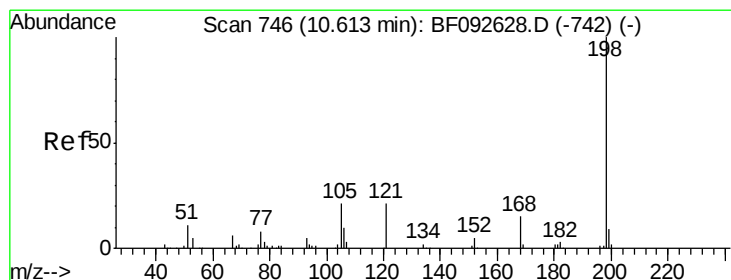
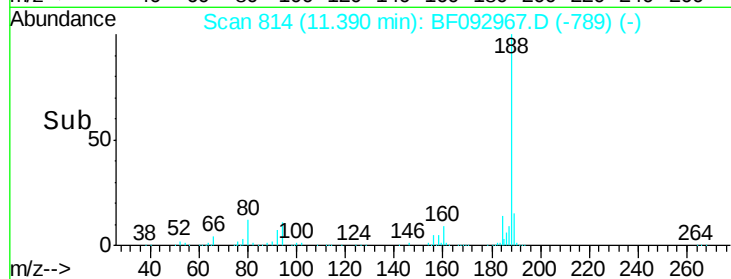
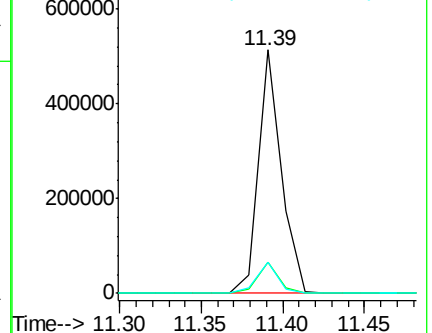
80 12.6 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 35.21 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

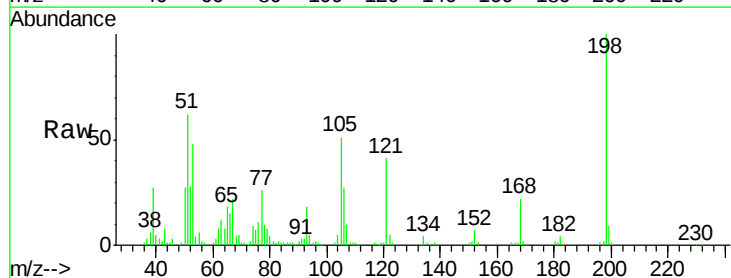
Tgt Ion:198 Resp: 105213

Ion Ratio Lower Upper

198 100

51 62.1 6.7 46.7#

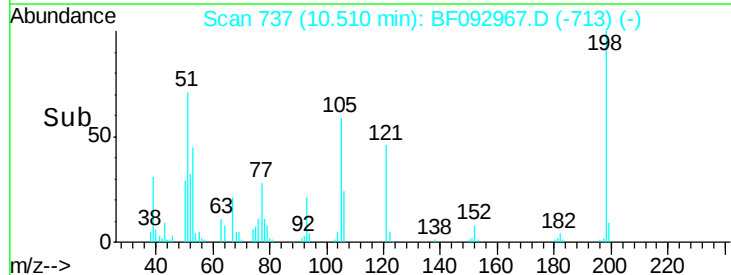
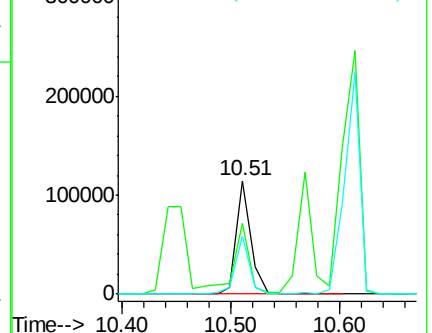
105 50.9 16.6 56.6

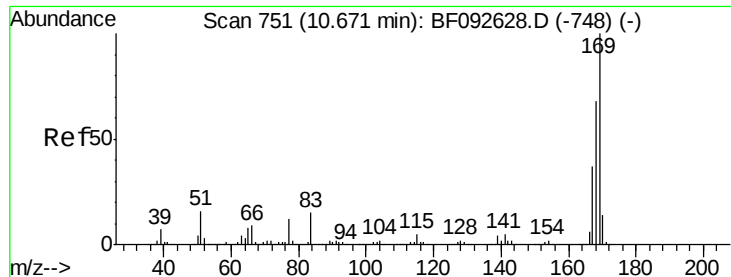


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.15 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

ClientSampleId :

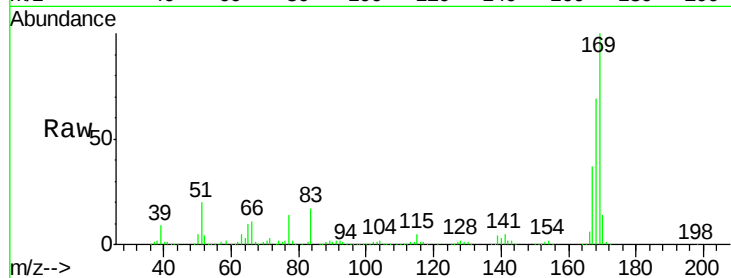
Tot Ion:169 Resp: 691409

Ion Ratio Lower Upper

169 100

168 68.7 54.2 81.2

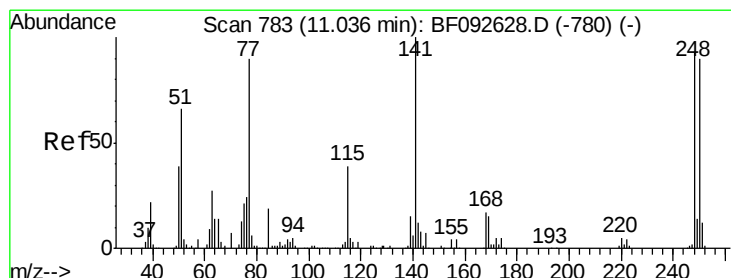
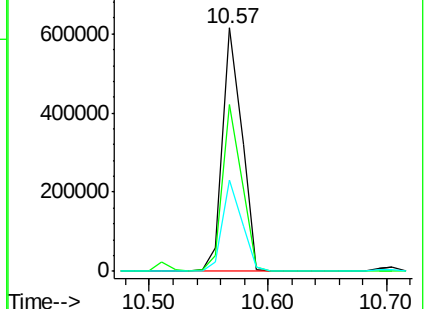
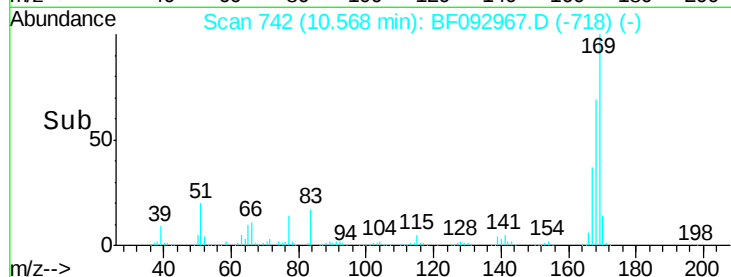
167 37.4 30.2 45.4



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: 42.74 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

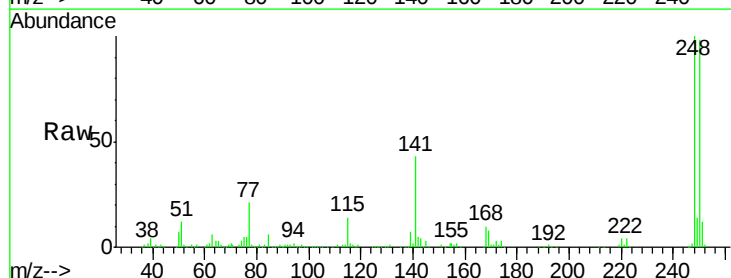
Tgt Ion:248 Resp: 224003

Ion Ratio Lower Upper

248 100

250 97.9 76.9 115.3

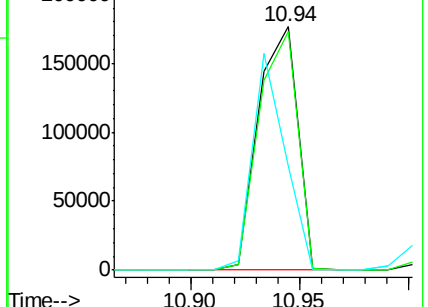
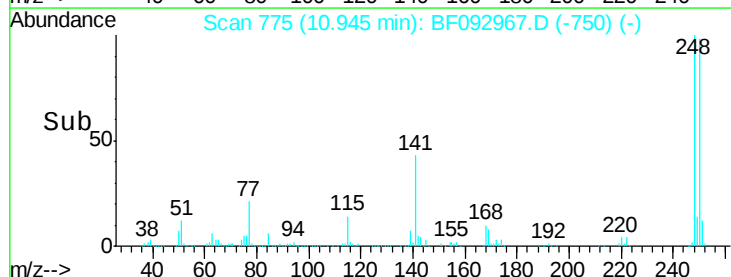
141 42.6 68.2 102.4#

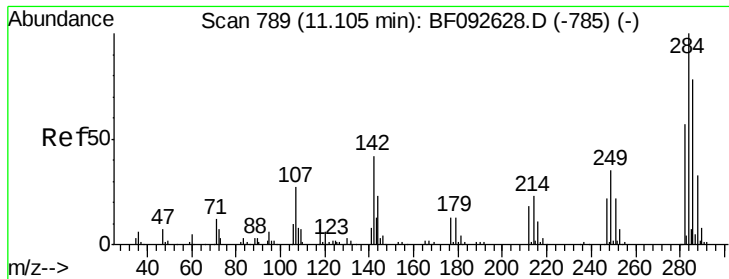


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

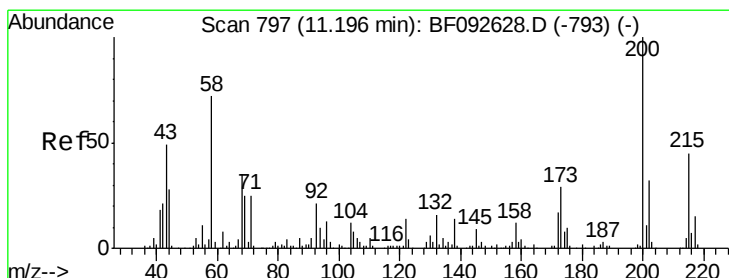
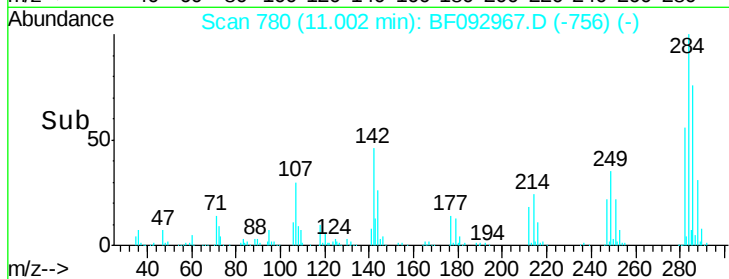
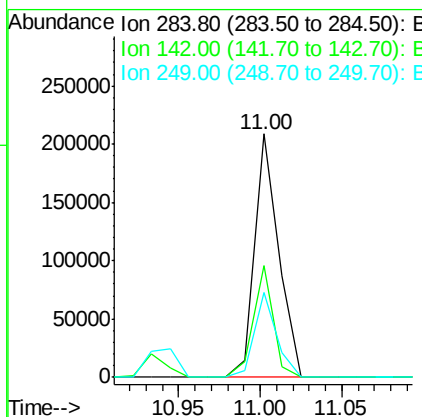
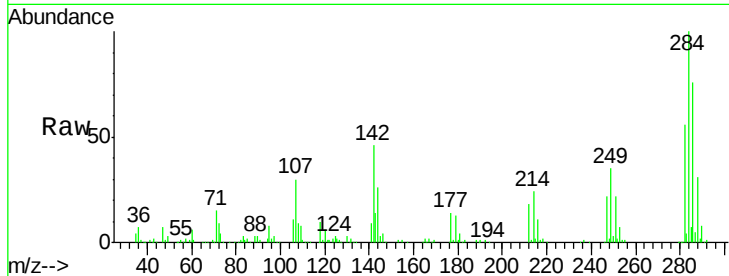




#67
Hexachlorobenzene
Concen: 41.25 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

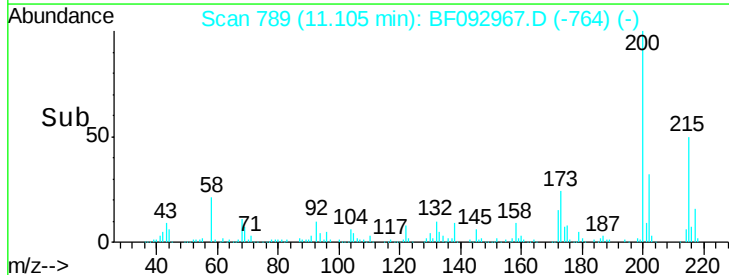
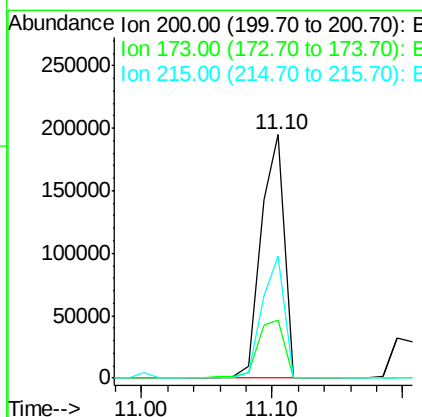
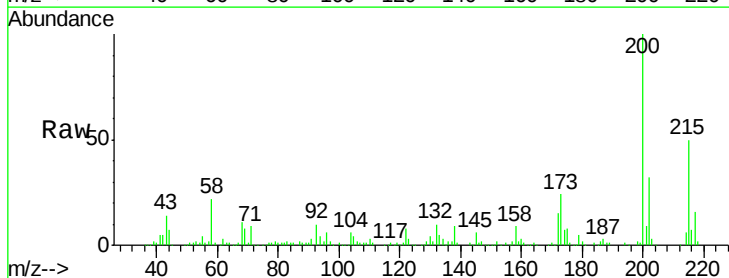
Instrument :
BNA_F
ClientSampleId :

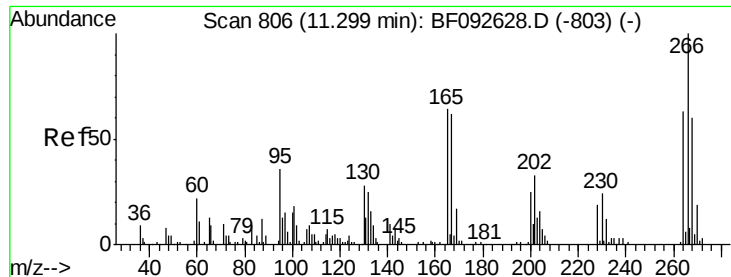
Tot Ion:284 Resp: 213628
Ion Ratio Lower Upper
284 100
142 46.0 22.6 33.8#
249 34.9 25.4 38.0



#68
Atrazine
Concen: 46.62 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion:200 Resp: 239734
Ion Ratio Lower Upper
200 100
173 24.0 9.6 49.6
215 50.1 25.7 65.7

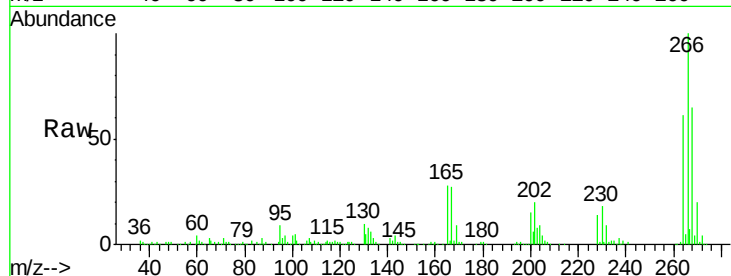




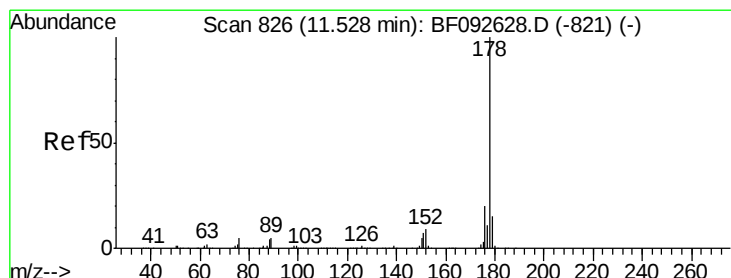
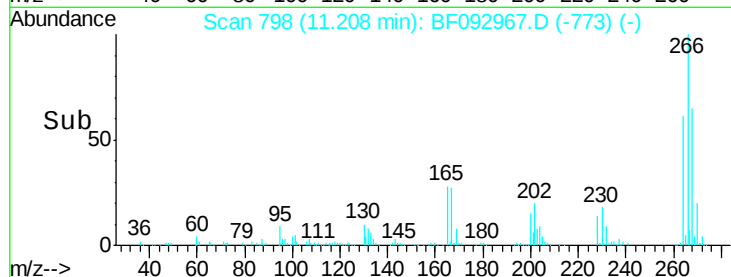
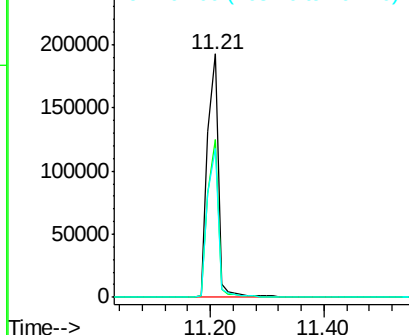
#69
 Pentachlorophenol
 Concen: 90.66 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 245186
 Ion Ratio Lower Upper
 266 100
 268 65.0 53.3 79.9
 264 61.1 50.3 75.5

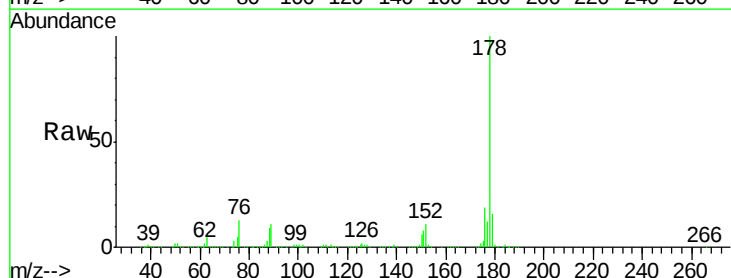


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

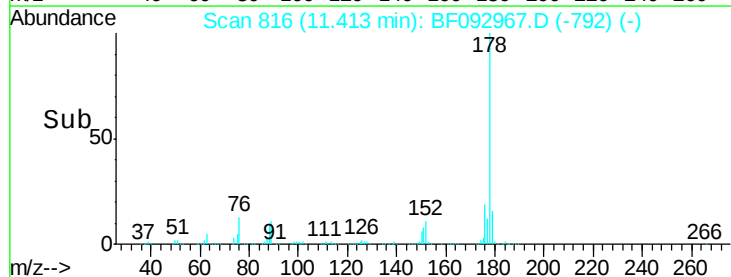
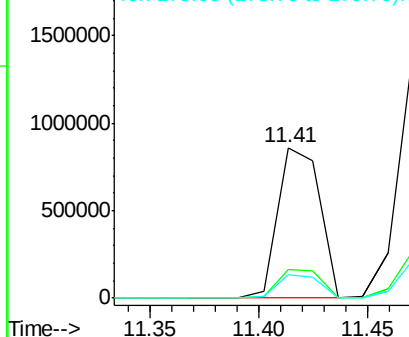


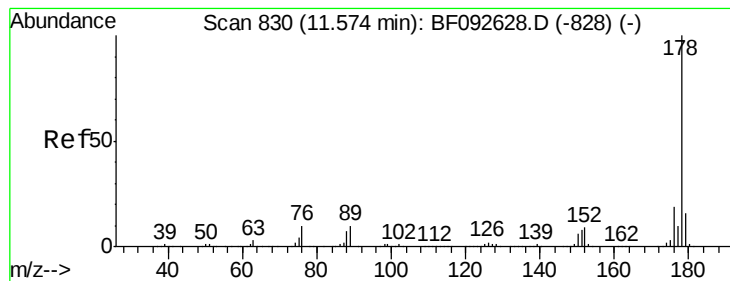
#70
 Phenanthrene
 Concen: 40.41 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Tgt Ion:178 Resp: 1161399
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.6 25.0
 179 15.7 12.8 19.2



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





#71

Anthracene

Concen: 41.80 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

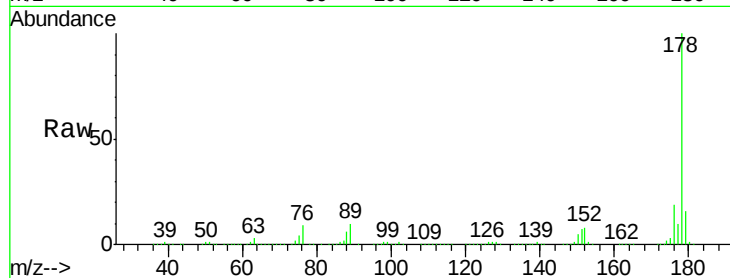
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1206232

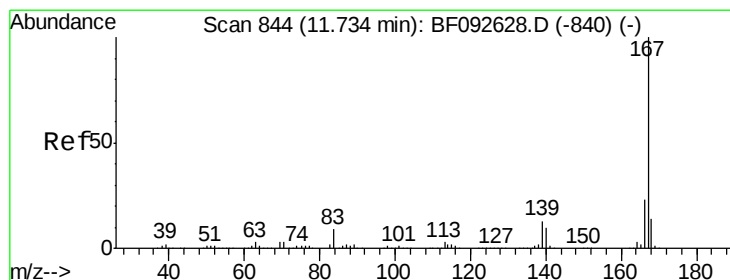
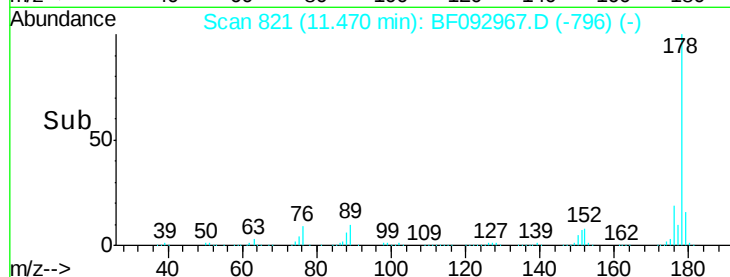
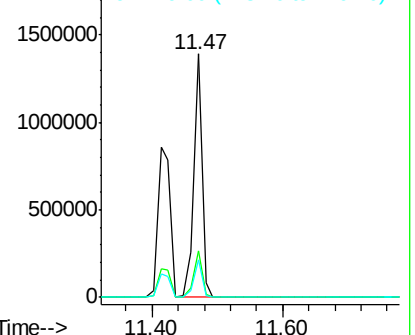
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.6	13.2	19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.38 ng

RT: 11.63 min Scan# 835

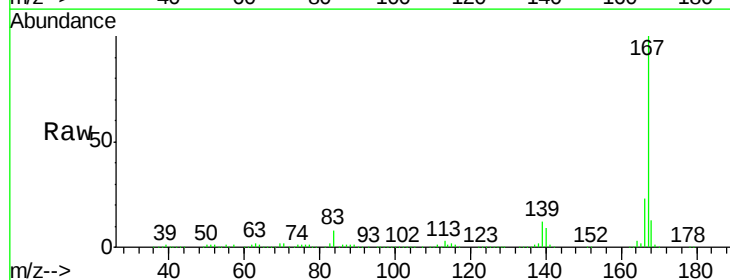
Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Tgt Ion:167 Resp: 1169188

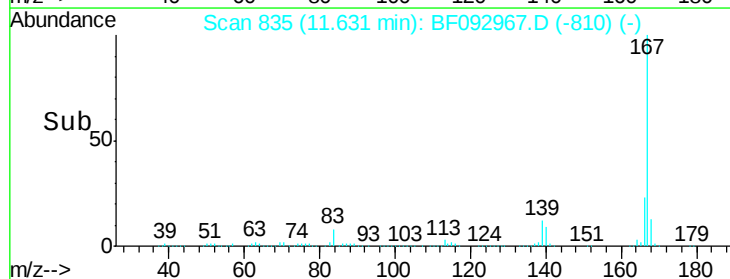
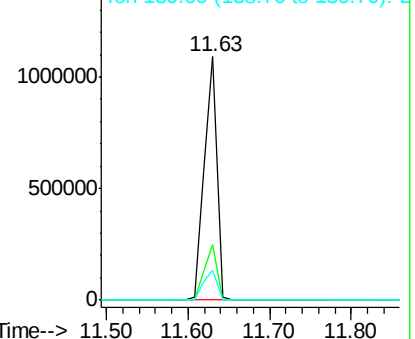
Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.2
139	12.4	11.4	17.2

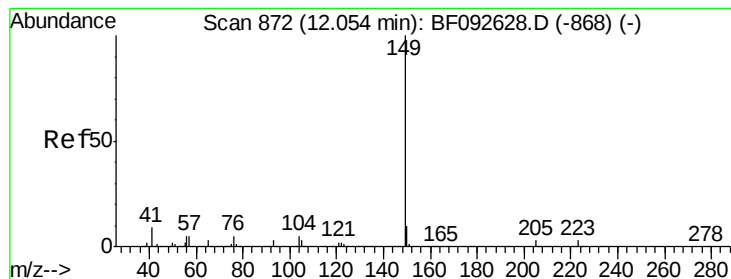


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.72 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

ClientSampled :

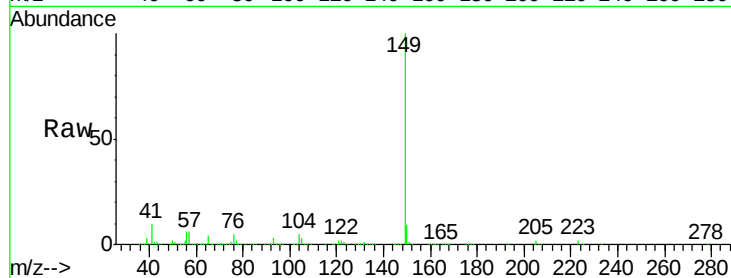
Tot Ion:149 Resp: 1334286

Ion Ratio Lower Upper

149 100

150 9.3 8.1 12.1

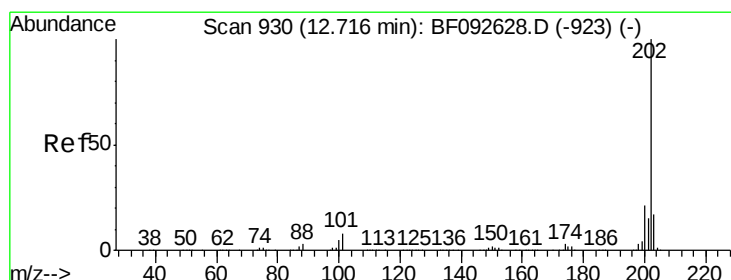
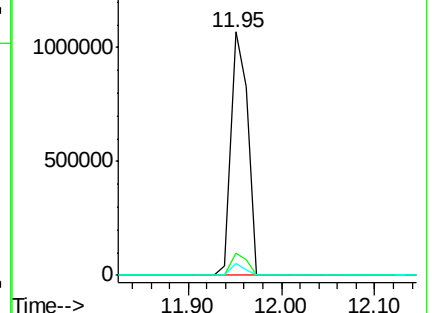
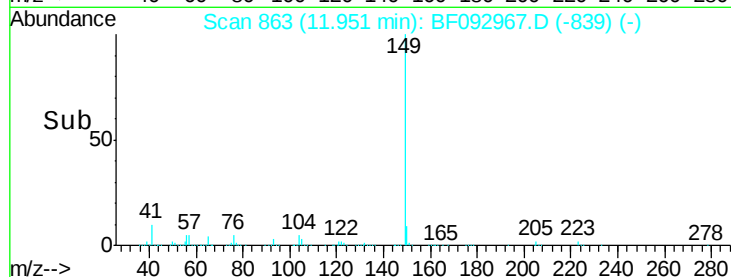
104 4.9 4.6 7.0



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: 37.03 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

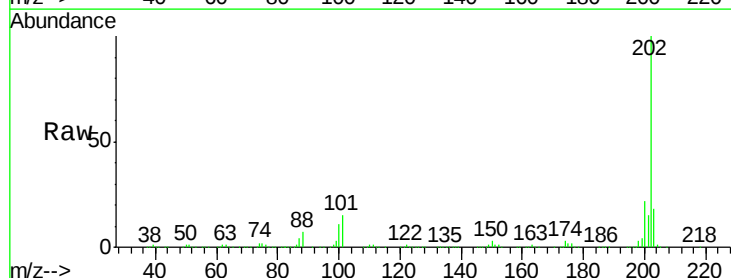
Tgt Ion:202 Resp: 1097658

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.6

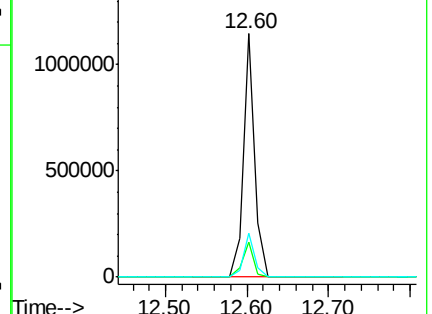
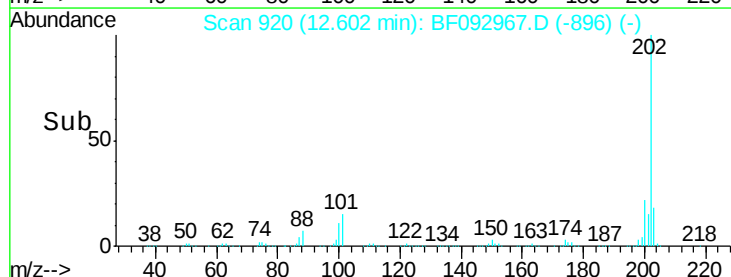
203 17.9 0.0 38.7

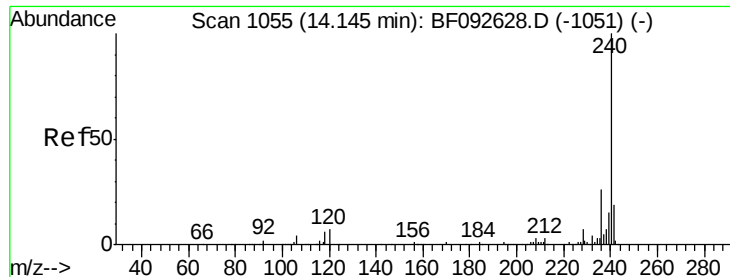


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

ClientSampled :

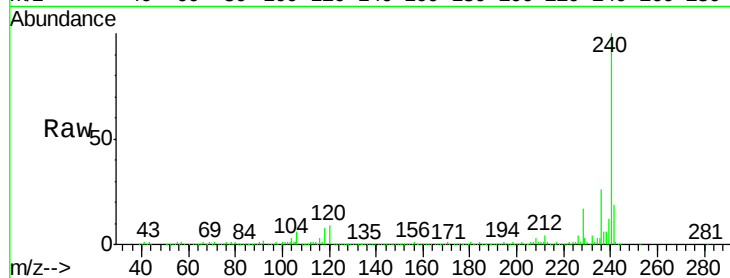
Tot Ion:240 Resp: 357280

Ion Ratio Lower Upper

240 100

120 9.4 12.9 19.3#

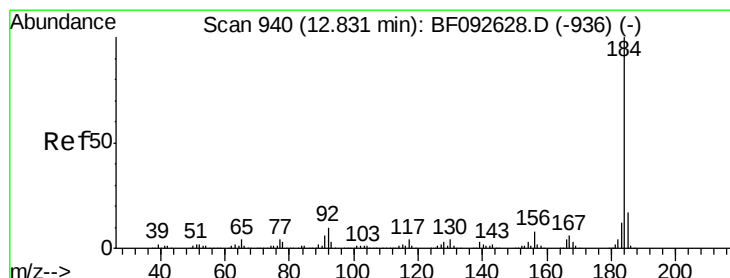
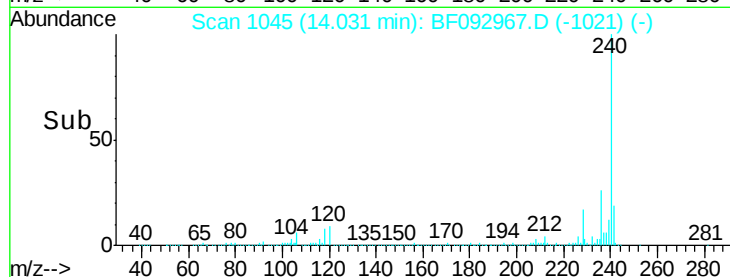
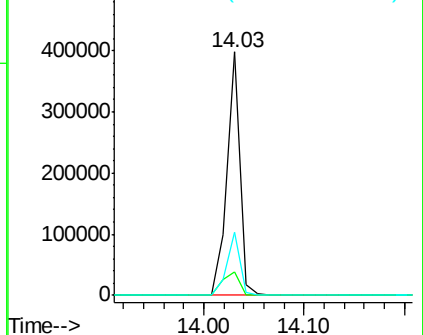
236 26.1 20.9 31.3



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: 18.95 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

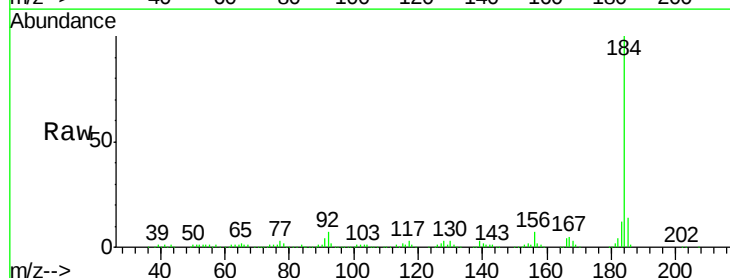
Tgt Ion:184 Resp: 288543

Ion Ratio Lower Upper

184 100

185 13.8 13.4 20.0

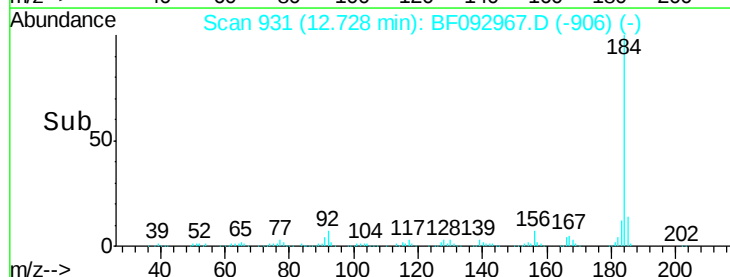
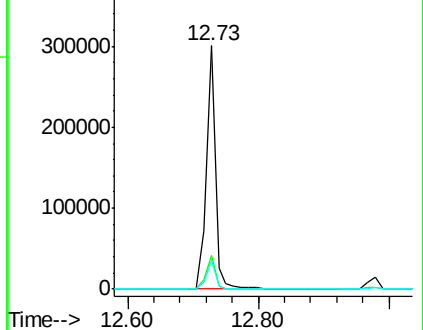
183 11.8 9.2 13.8

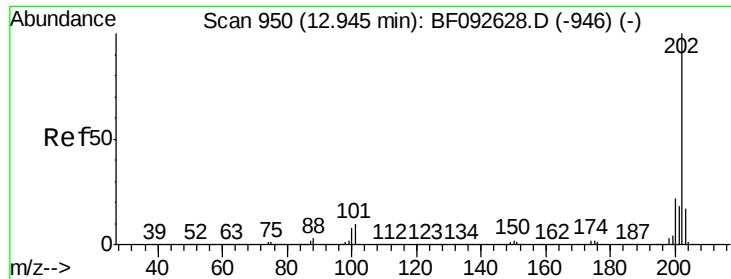


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

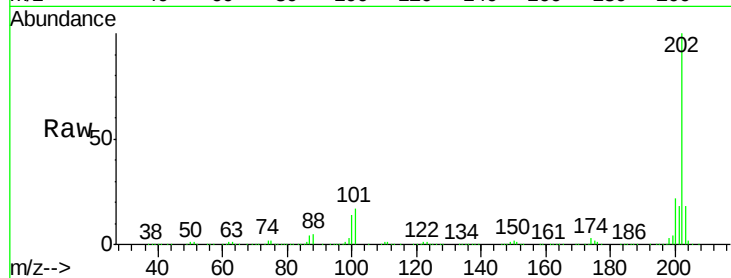




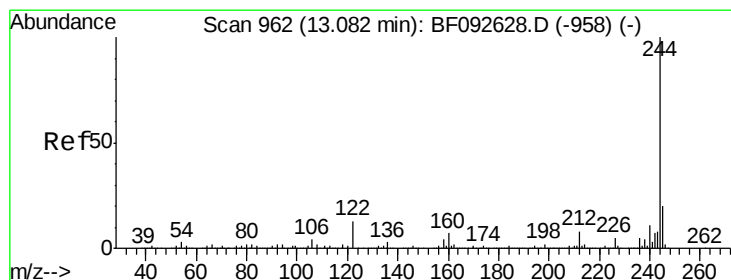
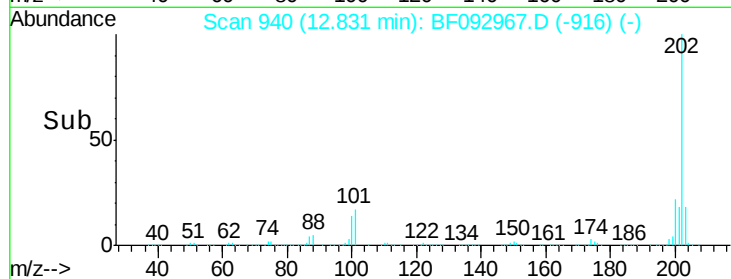
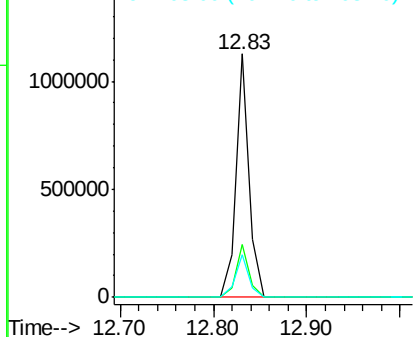
#77
Pvrene
Concen: 41.07 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1098013
Ion Ratio Lower Upper
202 100
200 22.0 17.7 26.5
203 17.8 14.7 22.1

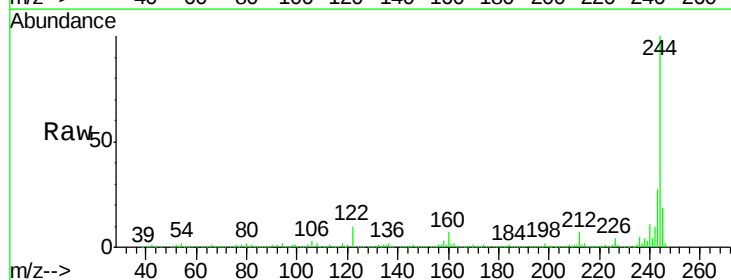


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

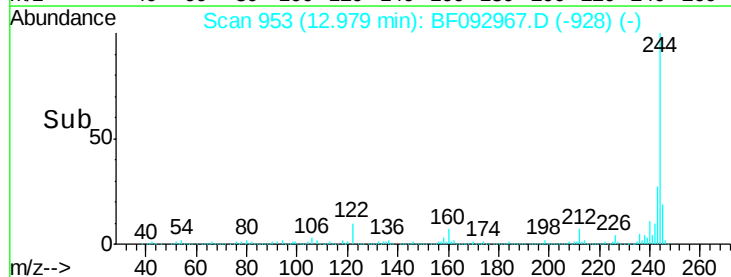
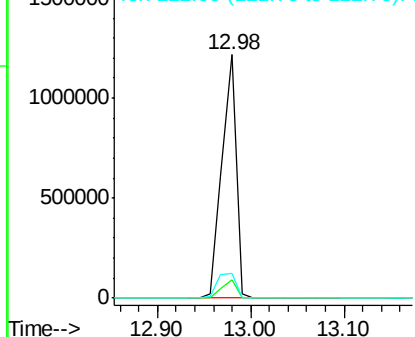


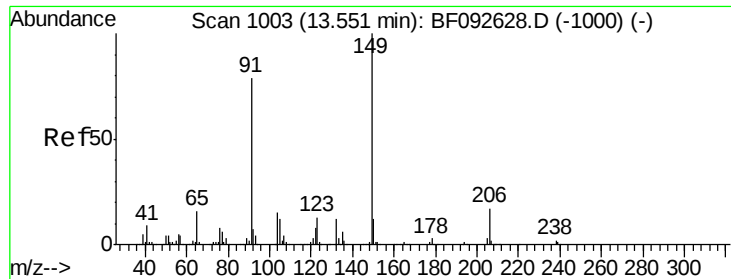
#78
Terphenyl-d14
Concen: 84.76 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion:244 Resp: 1288765
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 10.2 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

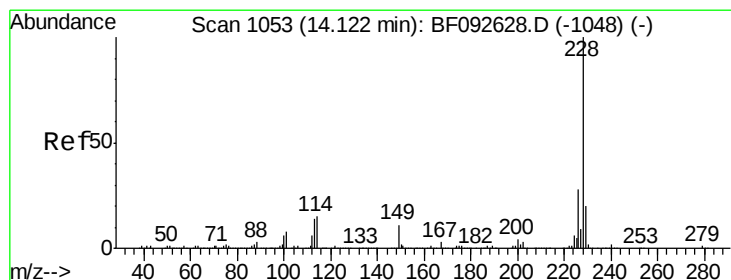
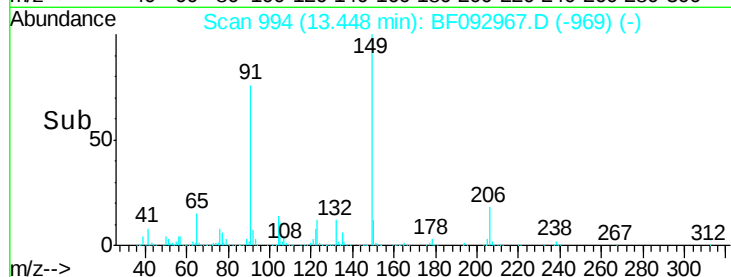
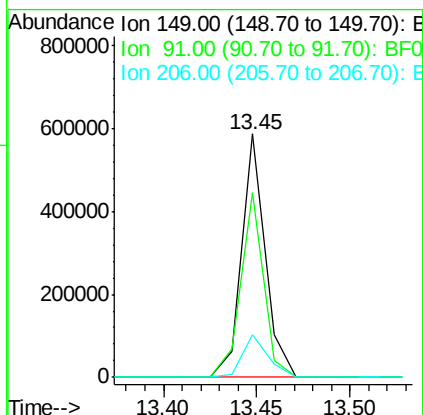
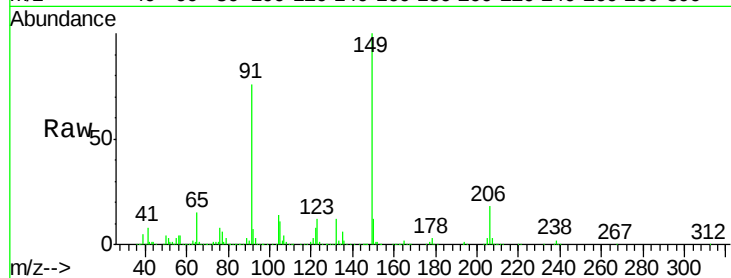




#79
Butylbenzylphthalate
Concen: 47.65 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

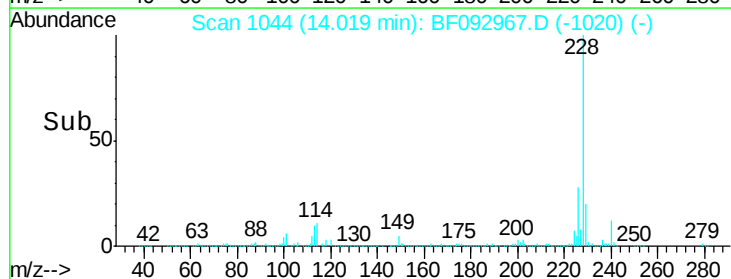
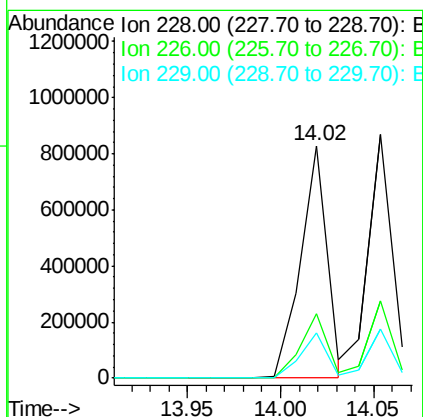
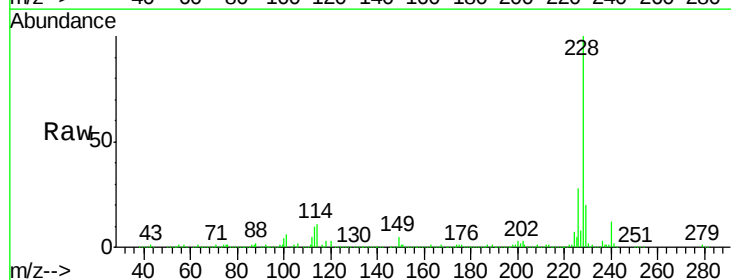
Instrument :
BNA_F
ClientSampleId :

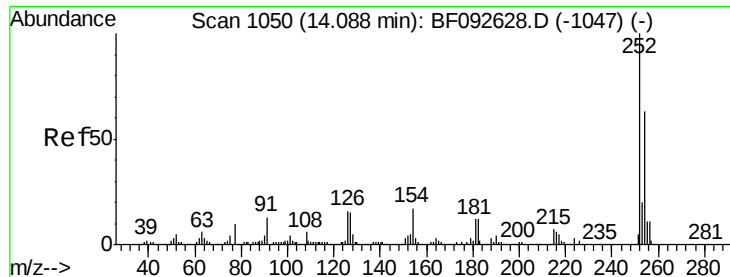
Tot Ion	Ion	Ratio	Lower	Upper
149	100			
91	75.8	63.9	95.9	
206	17.6	14.6	21.8	



#80
Benzo(a)anthracene
Concen: 37.79 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	27.7	22.4	33.6	
229	19.6	16.2	24.4	

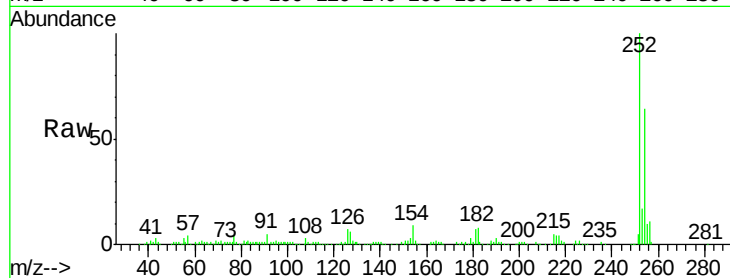




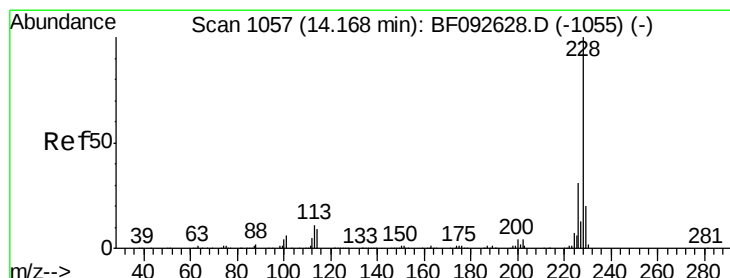
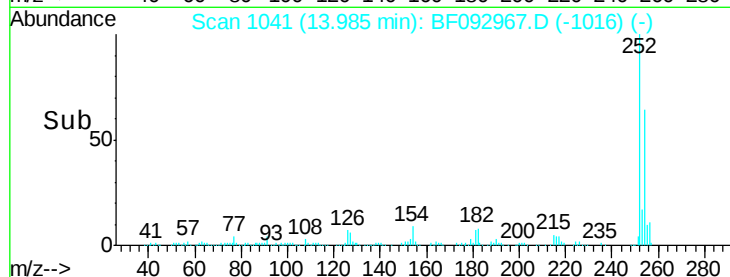
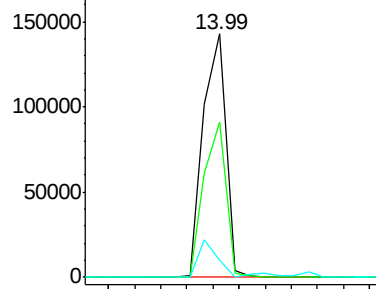
#81
 3,3'-Dichlorobenzidine
 Concen: 22.19 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.3	78.5
126	6.9	13.6	20.4

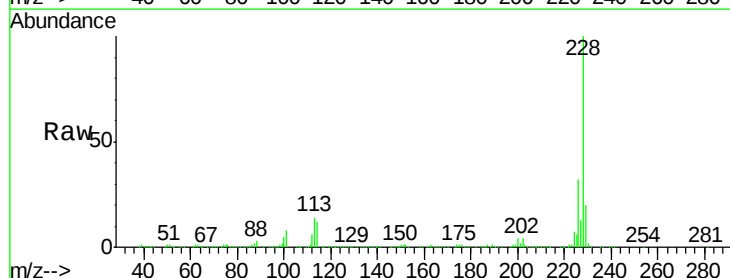


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

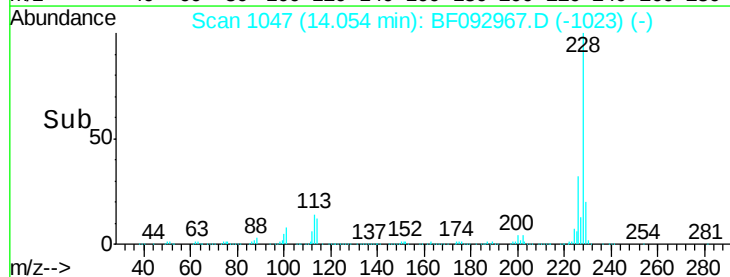
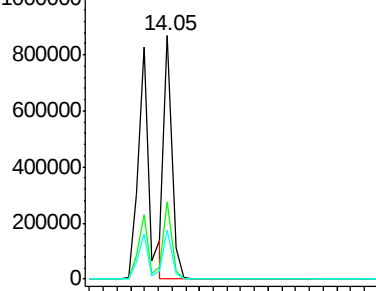


#82
 Chrysene
 Concen: 33.68 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.0
229	20.3	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: 48.55 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

ClientSampleId :

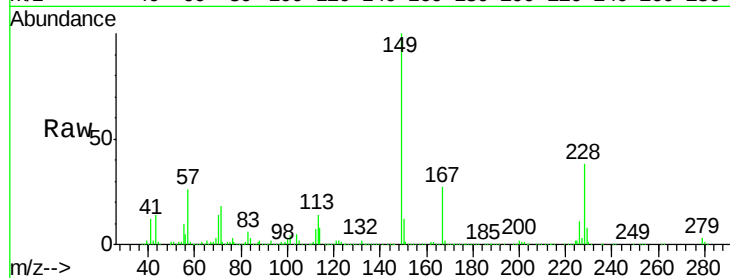
Tot Ion:149 Resp: 720962

Ion Ratio Lower Upper

149 100

167 27.2 20.2 30.4

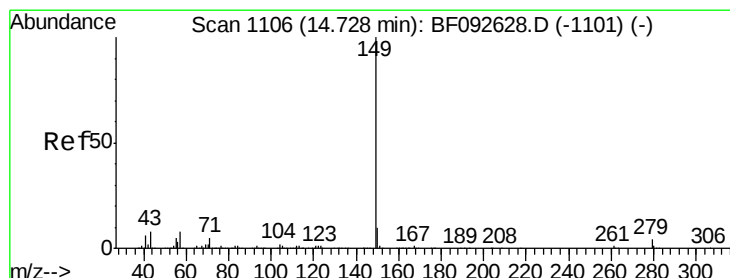
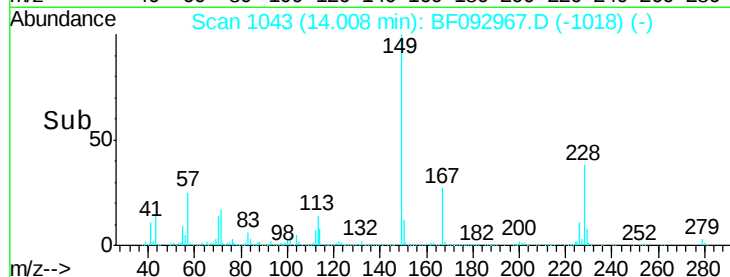
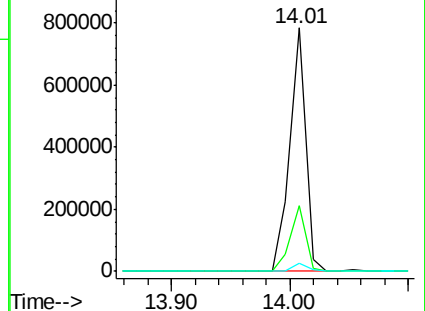
279 3.5 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.64 ng

RT: 14.61 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

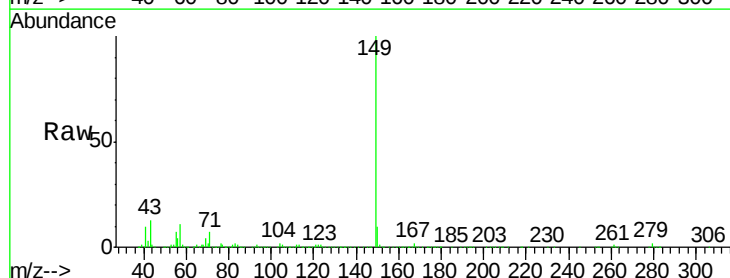
Tgt Ion:149 Resp: 1127805

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

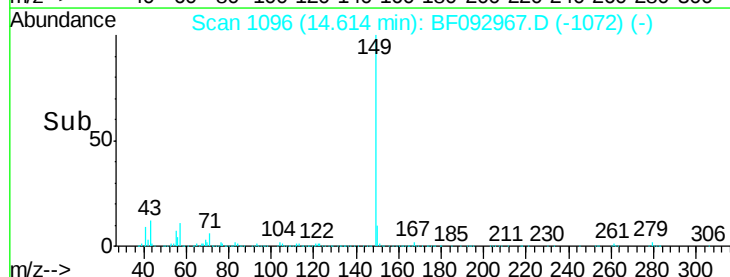
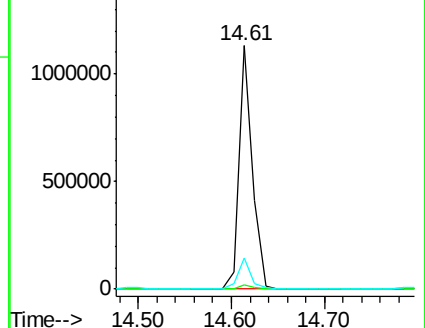
43 11.8 8.9 13.3

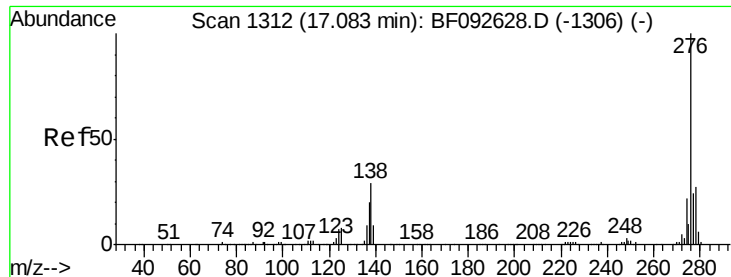


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

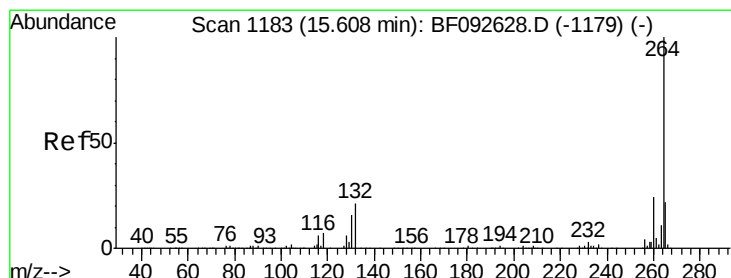
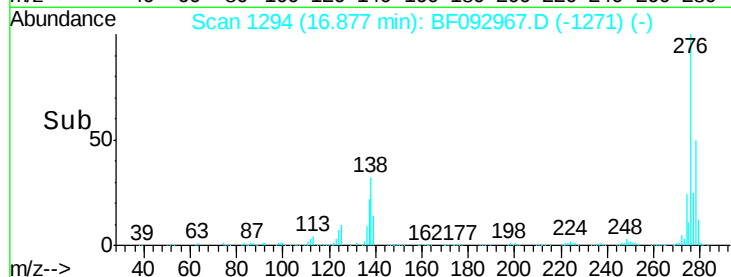
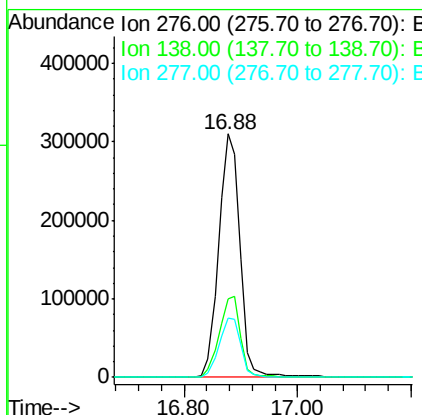
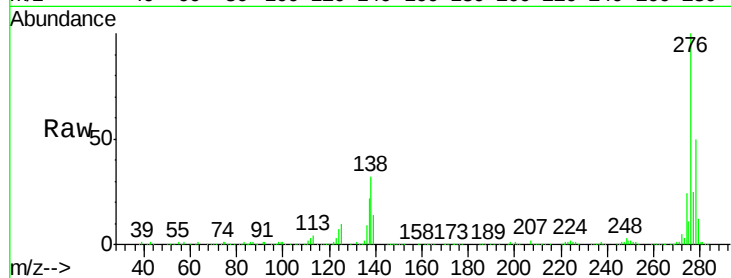




#85
Indeno(1,2,3-cd)pyrene
Concen: 51.00 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.03 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

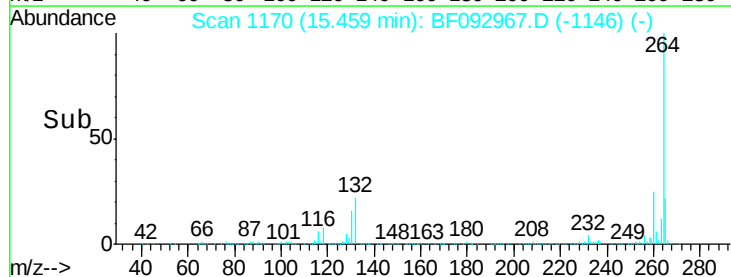
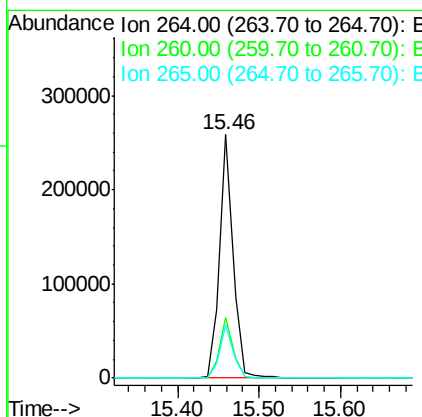
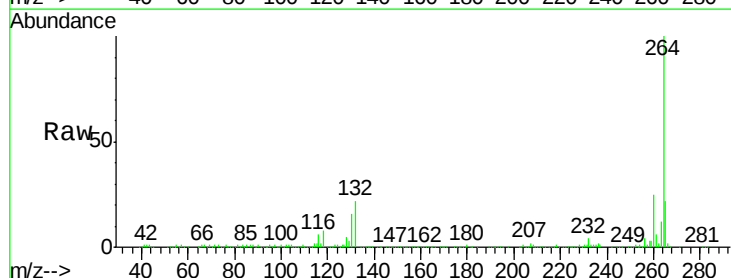
Instrument :
BNA_F
ClientSampleId :

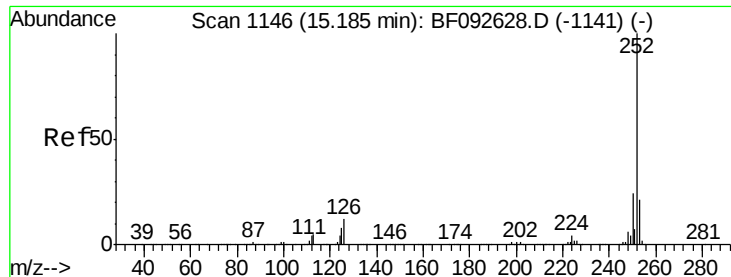
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.1	21.8	32.6
277	25.0	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.7	17.4	26.0

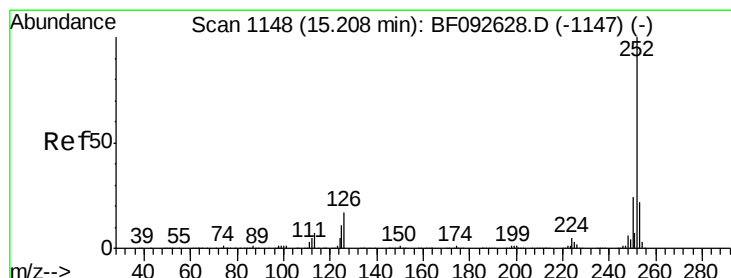
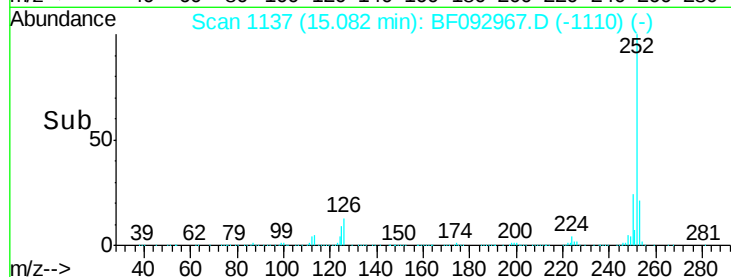
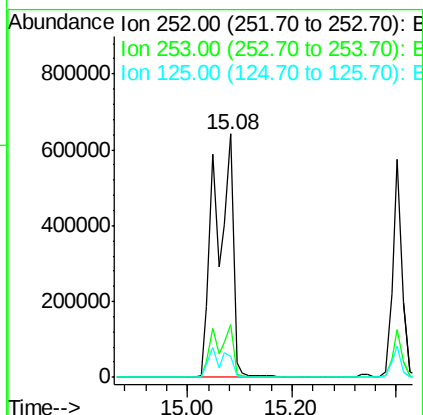
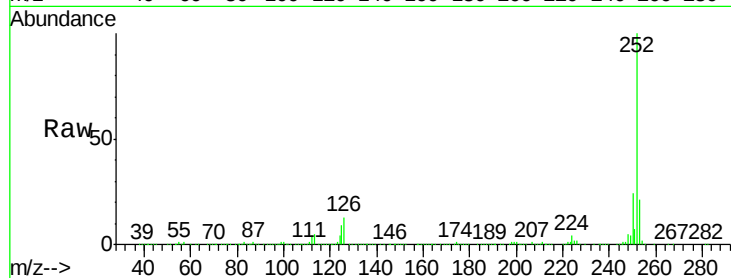




#87
Benzo(b)fluoranthene
Concen: 76.82 ng
RT: 15.08 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

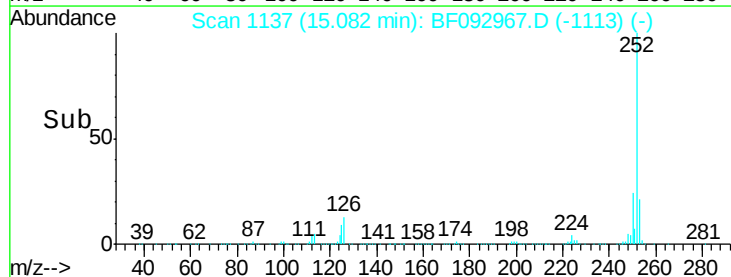
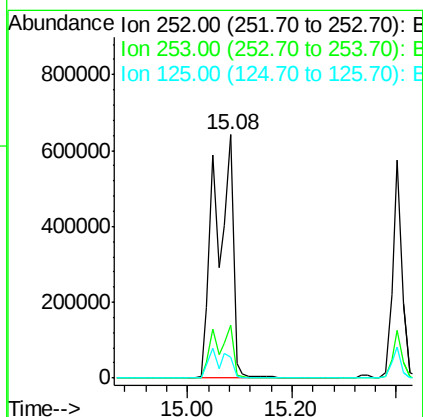
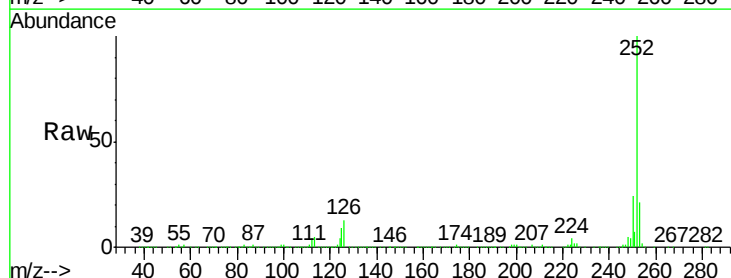
Instrument :
BNA_F
ClientSampleId :

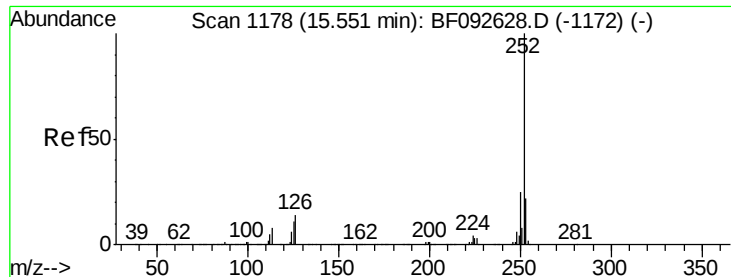
Tot Ion:252 Resp: 1507608
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.4
125 8.7 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 88.97 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion:252 Resp: 1507608
Ion Ratio Lower Upper
252 100
253 21.5 18.5 27.7
125 8.7 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 41.61 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.02 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

ClientSampleId :

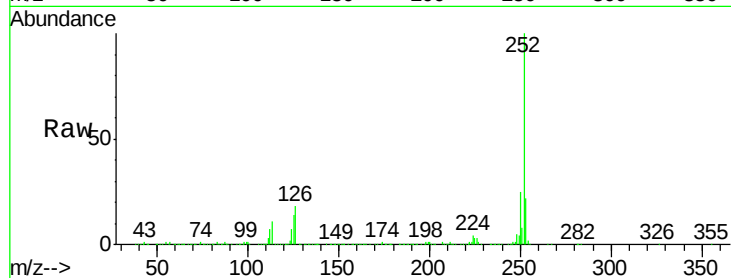
Tot Ion:252 Resp: 706336

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

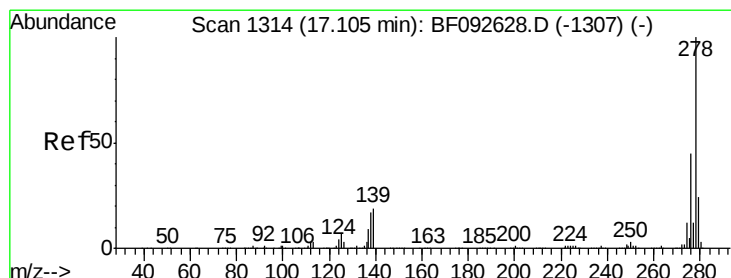
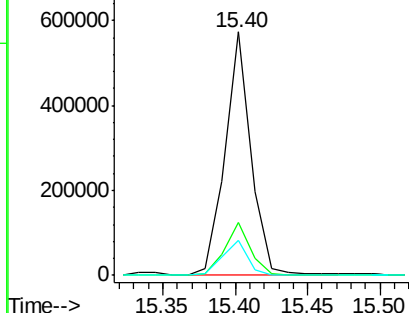
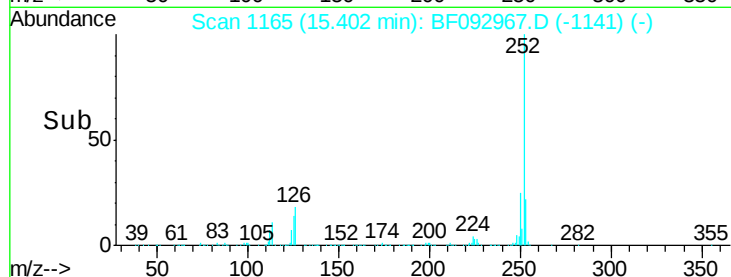
125 14.1 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 49.32 ng

RT: 16.89 min Scan# 1295

Delta R.T. -0.05 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

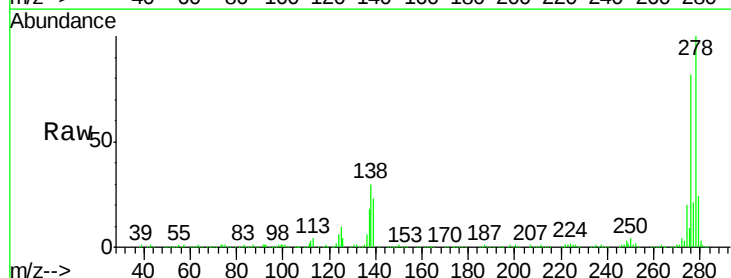
Tgt Ion:278 Resp: 676629

Ion Ratio Lower Upper

278 100

139 23.1 14.8 22.2#

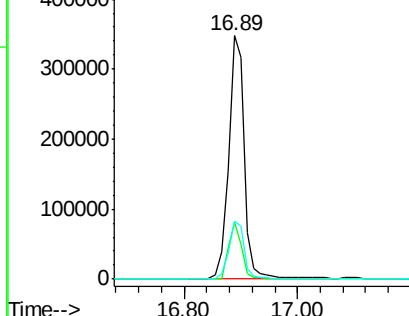
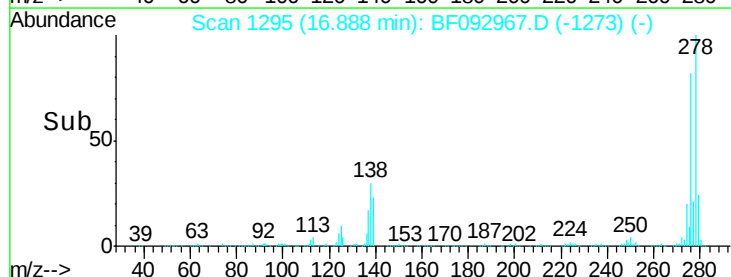
279 24.0 19.8 29.6

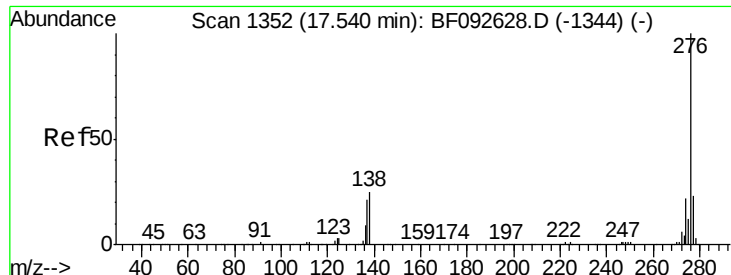


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 49.40 ng
 RT: 17.31 min Scan# 1332
 Delta R.T. -0.03 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	26.0	16.0	24.0

