

Data File : BF092989.D
Acq On : 16 Feb 2017 19:03
Operator : SJ/MA
Sample : PB96981BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96981BS

Quant Time: Feb 16 23:52:44 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	6.85	152	142726	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	599295	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	316798	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	561564	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	440551	20.00	ng	-0.03
86) Perylene-d12	15.44	264	381146	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1134907	136.42	ng	-0.01
7) Phenol-d6	6.50	99	1373608	128.33	ng	-0.03
23) Nitrobenzene-d5	7.42	82	823571	76.53	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	305928	133.52	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1449883	82.91	ng	-0.02
78) Terphenyl-d14	12.97	244	1485866	79.25	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.52	88	169091	37.62	ng	# 86
3) Pyridine	3.24	79	401800	35.15	ng	89
4) n-Nitrosodimethylamine	3.20	42	218922	40.79	ng	88
6) Aniline	6.52	93	243508	16.68	ng	# 75
8) 2-Chlorophenol	6.65	128	403480	43.96	ng	99
9) Benzaldehyde	6.41	77	104756	13.66	ng	99
10) Phenol	6.51	94	435219	34.75	ng	85
11) bis(2-Chloroethyl)ether	6.60	93	423452	42.36	ng	99
12) 1,3-Dichlorobenzene	7.04	146	409752	38.12	ng	97
13) 1,4-Dichlorobenzene	6.88	146	452177	41.56	ng	97
14) 1,2-Dichlorobenzene	6.88	146	452177	43.46	ng	96
15) Benzyl Alcohol	7.00	79	327071	41.27	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	705746	40.64	ng	94
17) 2-Methylphenol	7.13	107	355947	45.21	ng	95
18) Hexachloroethane	7.37	117	147938	39.83	ng	92
19) n-Nitroso-di-n-propylamine	7.28	70	273947	40.20	ng	96
20) 3+4-Methylphenols	7.28	107	396211	42.09	ng	88
22) Acetophenone	7.28	105	533423	38.98	ng	# 92
24) Nitrobenzene	7.45	77	473008	42.80	ng	93
25) Isophorone	7.69	82	828245	41.30	ng	98
26) 2-Nitrophenol	7.77	139	222582	42.37	ng	# 80
27) 2,4-Dimethylphenol	7.80	122	357728	38.78	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	498675	37.55	ng	99
29) 2,4-Dichlorophenol	8.01	162	372724	43.32	ng	94
30) 1,2,4-Trichlorobenzene	8.09	180	375480	40.50	ng	98
31) Naphthalene	8.17	128	1200326	39.51	ng	99
32) Benzoic acid	7.94	122	231252	44.80	ng	97
33) 4-Chloroaniline	8.21	127	122848	10.31	ng	97
34) Hexachlorobutadiene	8.28	225	194406	38.11	ng	99
35) Caprolactam	8.59	113	81688	30.18	ng	# 57
36) 4-Chloro-3-methylphenol	8.70	107	363086	40.48	ng	100
37) 2-Methylnaphthalene	8.85	142	754649	38.69	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	362697	40.79	ng	99
40) Hexachlorocyclopentadiene	9.01	237	287187	71.58	ng	97

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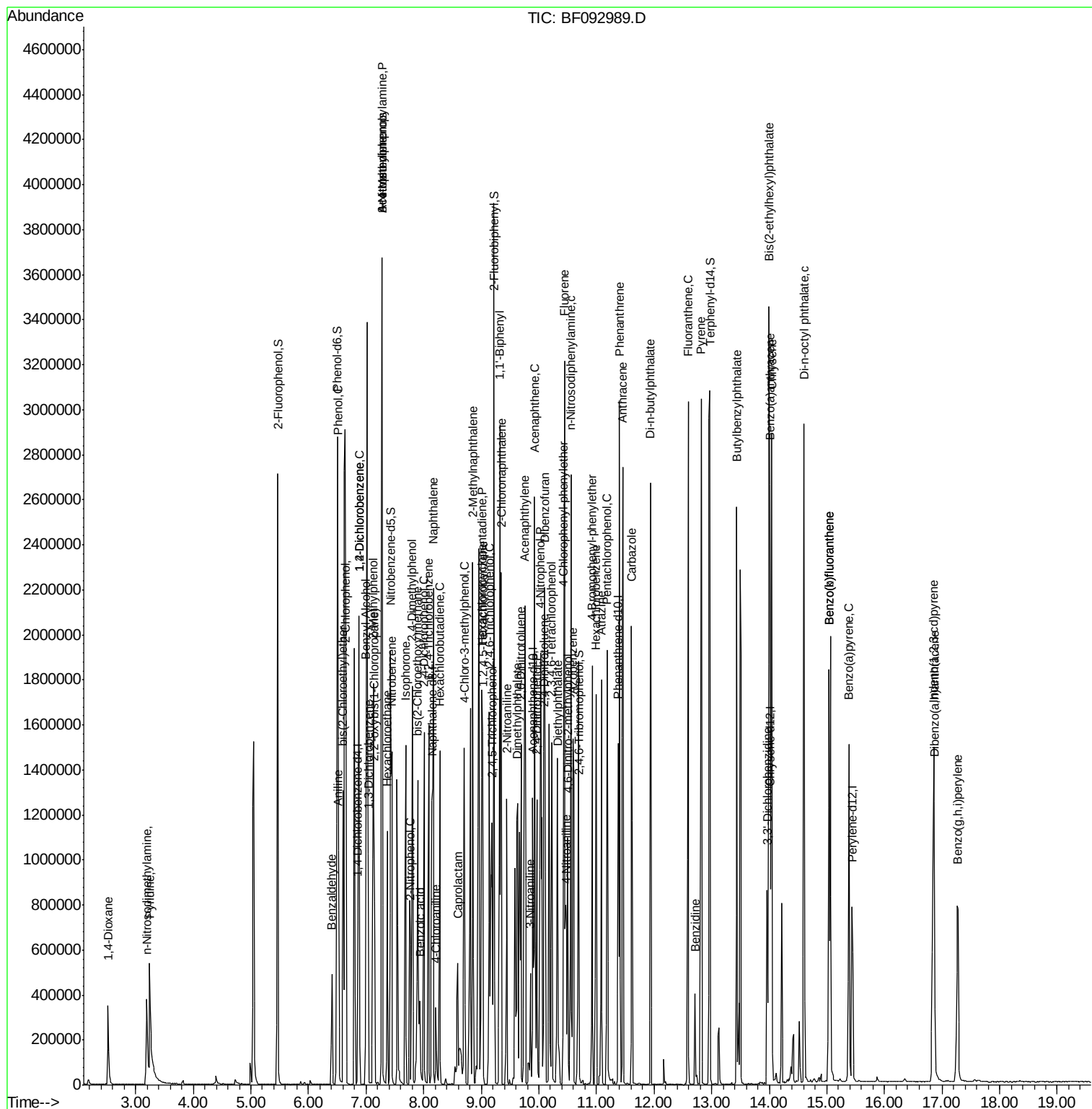
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	266443	45.60	ng	95
43) 2,4,5-Trichlorophenol	9.18	196	247977	38.73	ng #	84
45) 1,1'-Biphenyl	9.32	154	979472	42.70	ng	98
46) 2-Chloronaphthalene	9.34	162	732411	40.81	ng	97
47) 2-Nitroaniline	9.45	65	265270	43.97	ng #	83
48) Acenaphthylene	9.76	152	1148878	37.06	ng	99
49) Dimethylphthalate	9.63	163	923746	43.29	ng	100
50) 2,6-Dinitrotoluene	9.69	165	204821	44.45	ng	93
51) Acenaphthene	9.93	154	752437	40.60	ng	96
52) 3-Nitroaniline	9.85	138	90477	17.16	ng	85
53) 2,4-Dinitrophenol	9.96	184	179572	76.80	ng #	57
54) Dibenzofuran	10.10	168	996125	40.18	ng	98
55) 4-Nitrophenol	10.03	139	331074	87.16	ng	87
56) 2,4-Dinitrotoluene	10.09	165	240328	39.17	ng #	91
57) Fluorene	10.44	166	734480	38.51	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	209914	49.15	ng	96
59) Diethylphthalate	10.33	149	866331	43.08	ng #	93
60) 4-Chlorophenyl-phenylether	10.43	204	343160	37.45	ng	99
61) 4-Nitroaniline	10.48	138	220112	40.75	ng	80
62) Azobenzene	10.59	77	948077	45.63	ng	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	142460	42.03	ng #	67
65) n-Nitrosodiphenylamine	10.56	169	678275	37.81	ng	100
66) 4-Bromophenyl-phenylether	10.92	248	211308	36.02	ng	96
67) Hexachlorobenzene	10.99	284	220923	38.10	ng #	91
68) Atrazine	11.08	200	201486	35.00	ng	99
69) Pentachlorophenol	11.18	266	234075	78.37	ng	96
70) Phenanthrene	11.40	178	1127082	35.03	ng	99
71) Anthracene	11.46	178	1320242	40.86	ng	98
72) Carbazole	11.61	167	1053189	34.10	ng	99
73) Di-n-butylphthalate	11.94	149	1298684	38.88	ng	98
74) Fluoranthene	12.59	202	1231741	37.12	ng	97
76) Benzidine	12.72	184	240010	12.78	ng	96
77) Pyrene	12.82	202	1266719	38.42	ng	99
79) Butylbenzylphthalate	13.44	149	599875	44.81	ng	90
80) Benzo(a)anthracene	14.01	228	1001593	37.17	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	187398	19.51	ng	98
82) Chrysene	14.04	228	983015	38.97	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	788444	43.06	ng #	95
84) Di-n-octyl phthalate	14.60	149	1336418	44.82	ng	99
85) Indeno(1,2,3-cd)pyrene	16.85	276	815279	41.72	ng #	94
87) Benzo(b)fluoranthene	15.04	252	1820527	72.57	ng	98
88) Benzo(k)fluoranthene	15.04	252	1821567	84.10	ng	98
89) Benzo(a)pyrene	15.38	252	857926	39.54	ng #	96
90) Dibenzo(a,h)anthracene	16.87	278	687940	39.22	ng	98
91) Benzo(g,h,i)perylene	17.28	276	691645	39.04	ng #	93

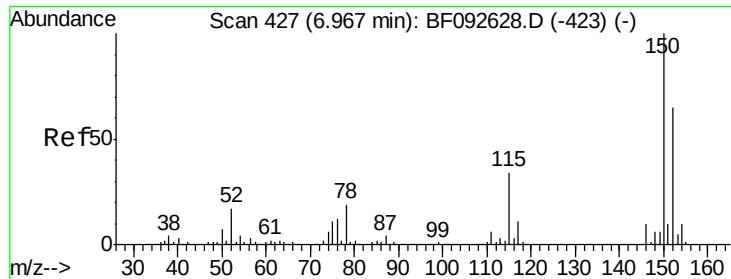
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.03 min

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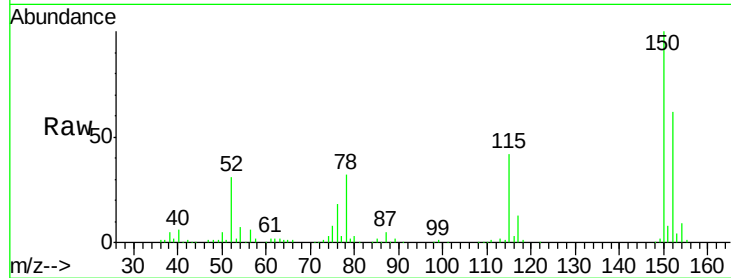
Tgt Ion:152 Resp: 142726

Ion Ratio Lower Upper

152 100

150 161.9 124.9 187.3

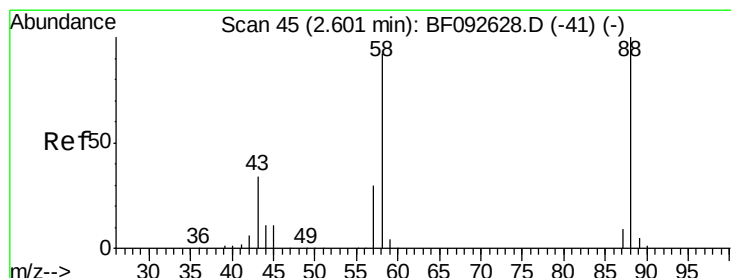
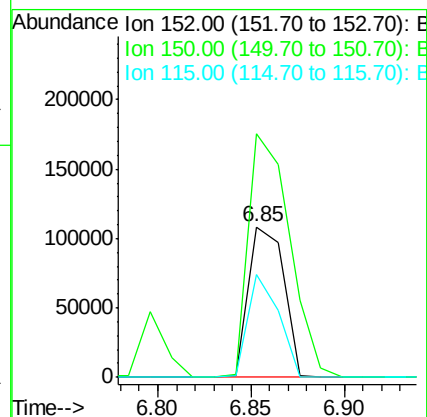
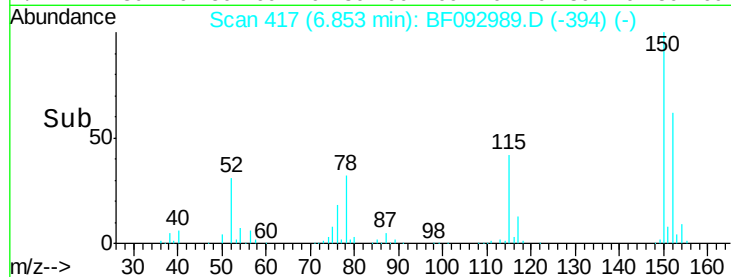
115 68.6 46.0 69.0



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: 37.62 ng

RT: 2.52 min Scan# 38

Delta R.T. 0.06 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

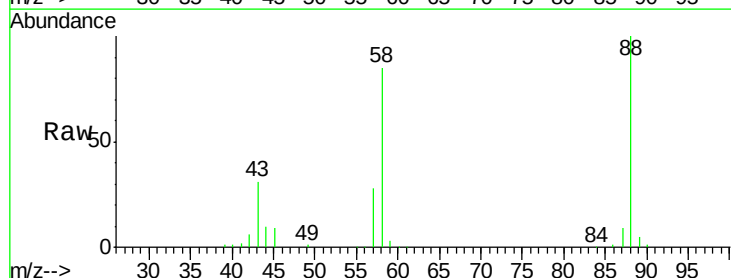
Tgt Ion: 88 Resp: 169091

Ion Ratio Lower Upper

88 100

58 86.9 57.8 86.8#

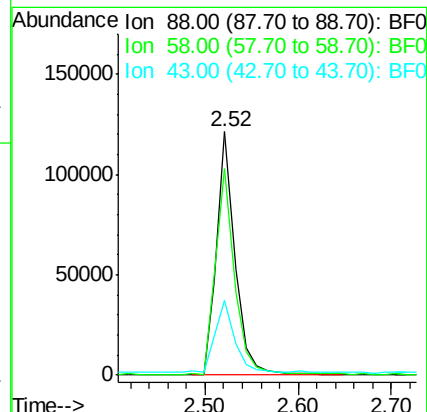
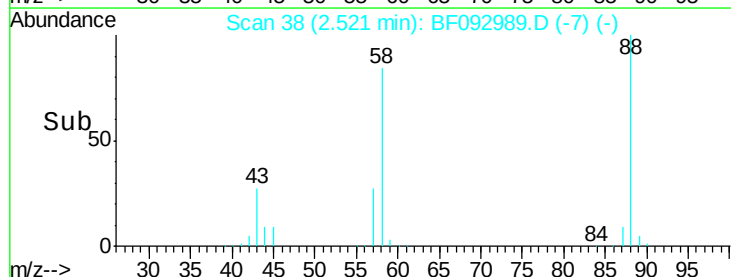
43 31.1 22.3 33.5

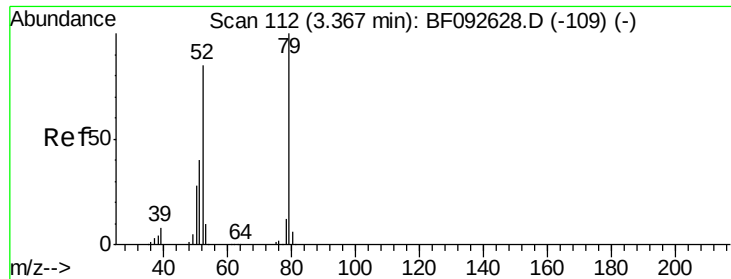


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.15 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.05 min

Lab File: BF092989.D

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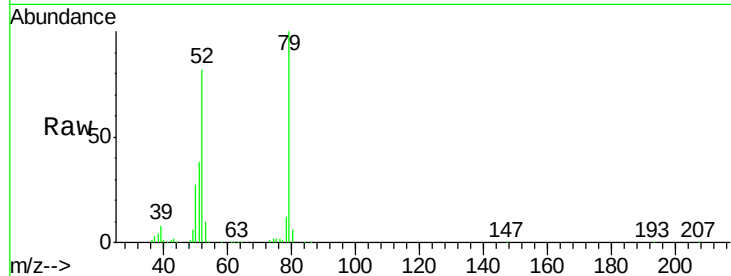
Tgt Ion: 79 Resp: 401800

Ion Ratio Lower Upper

79 100

52 82.1 57.1 85.7

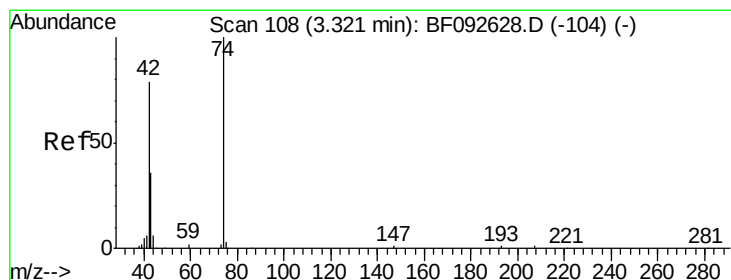
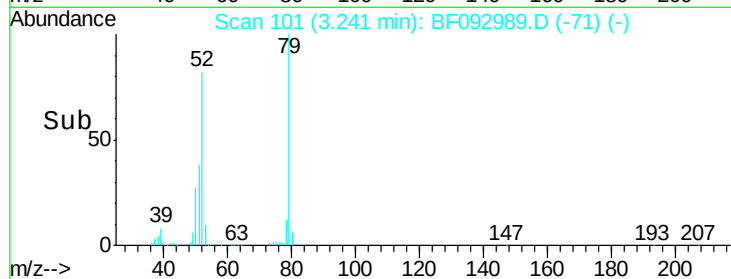
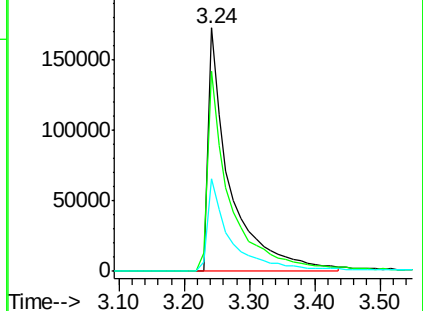
51 38.0 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.79 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.03 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

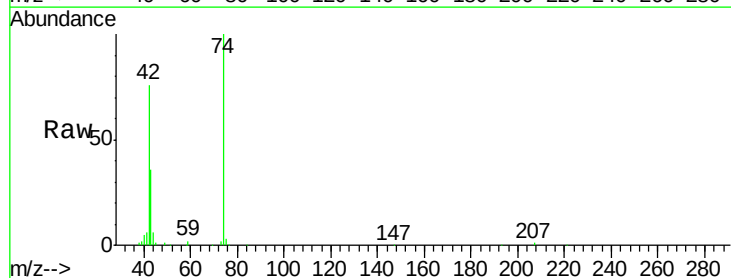
Tgt Ion: 42 Resp: 218922

Ion Ratio Lower Upper

42 100

74 130.7 117.0 175.4

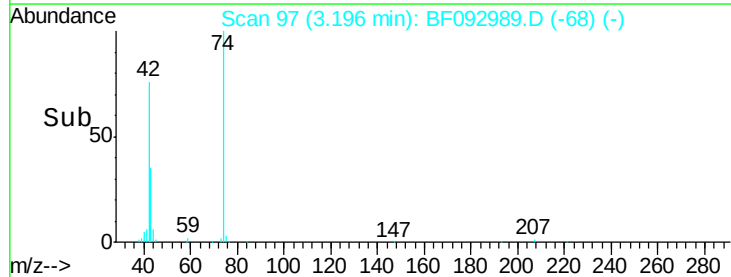
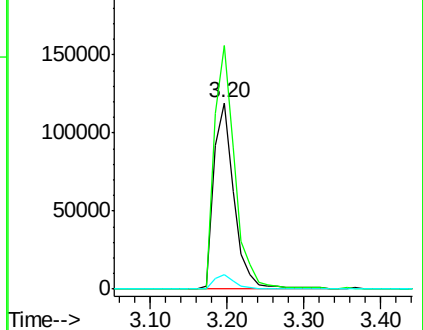
44 8.1 5.5 8.3

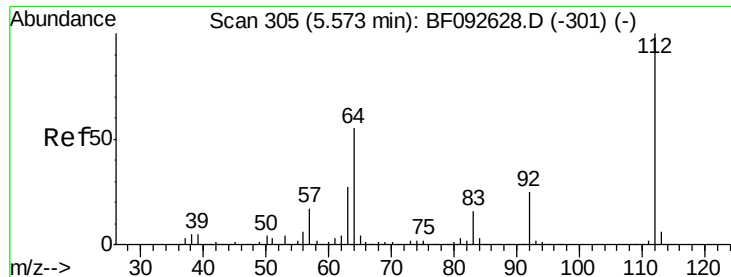


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 136.42 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF092989.D

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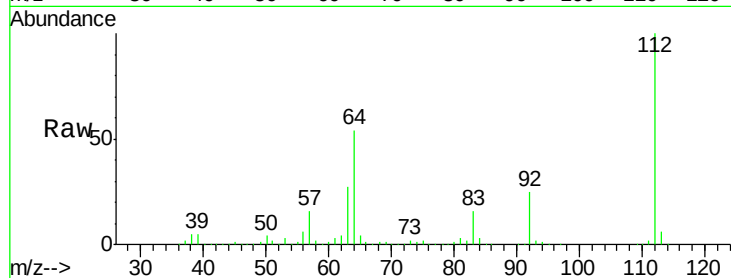
Tgt Ion: 112 Resp: 1134907

Ion Ratio Lower Upper

112 100

64 53.6 46.1 69.1

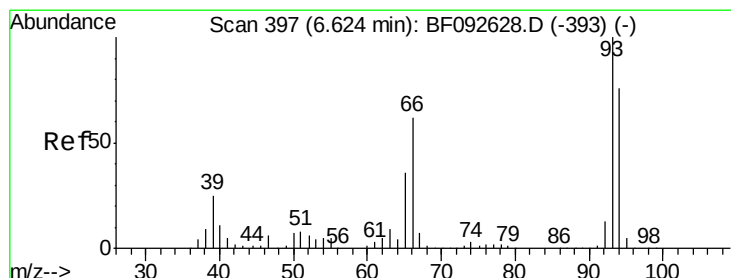
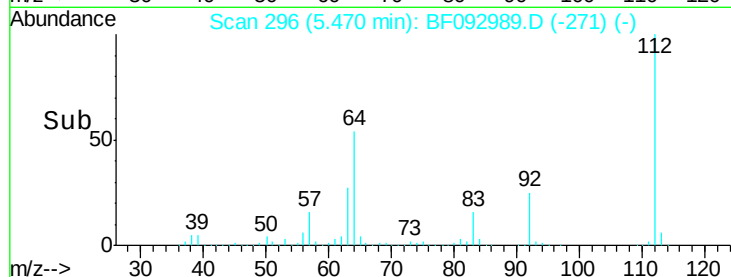
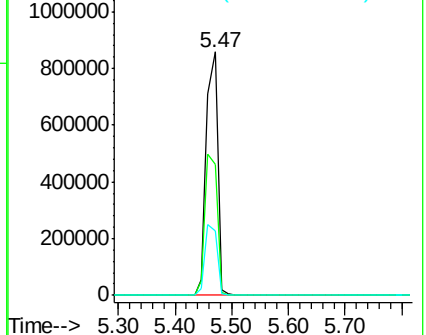
63 26.7 23.8 35.6



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: 16.68 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

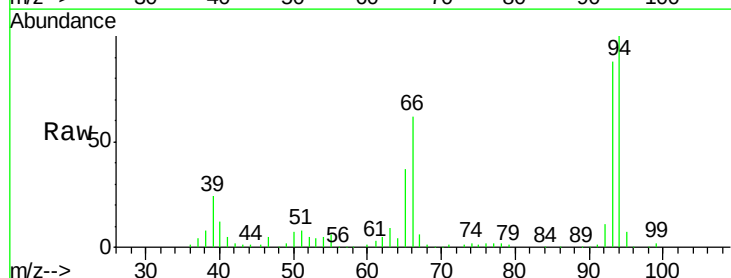
Tgt Ion: 93 Resp: 243508

Ion Ratio Lower Upper

93 100

66 70.4 76.2 114.2#

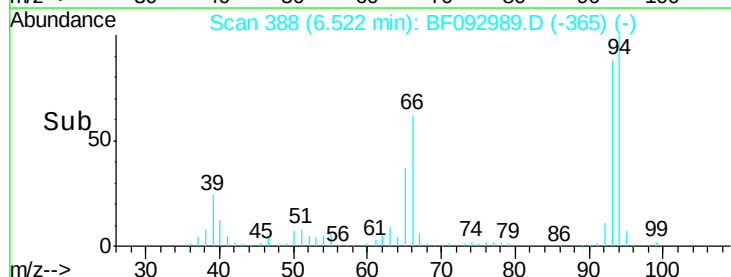
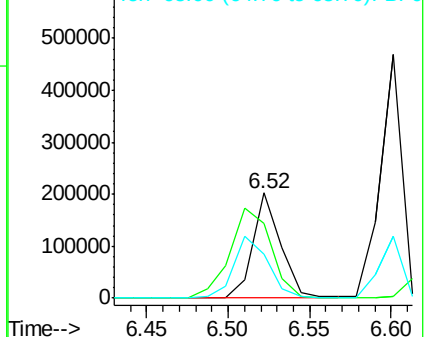
65 42.2 49.3 73.9#

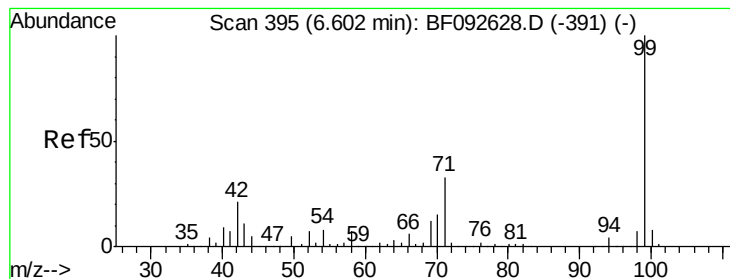


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.33 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

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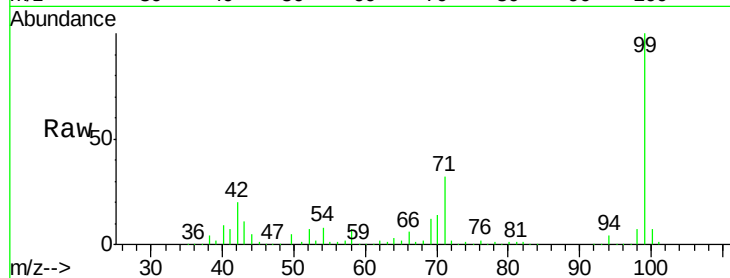
Tgt Ion: 99 Resp: 1373608

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

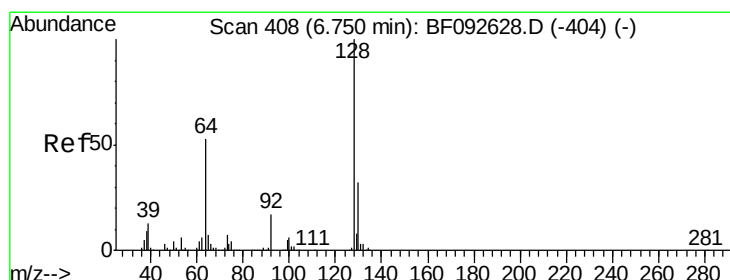
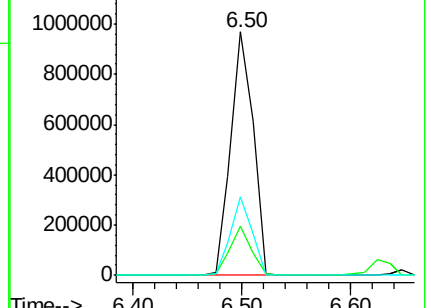
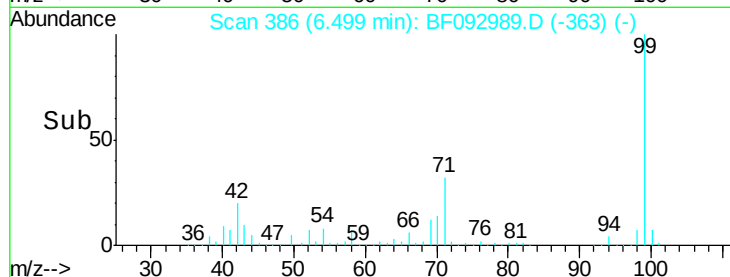
71 32.4 27.5 41.3



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: 43.96 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

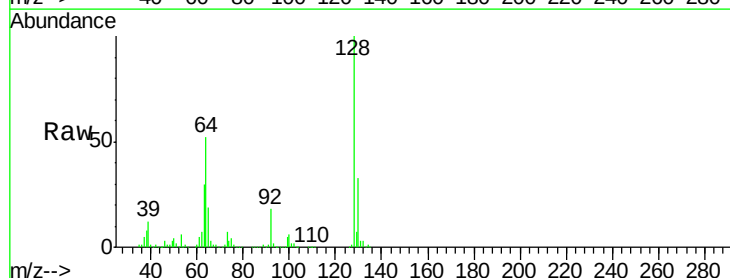
Tgt Ion: 128 Resp: 403480

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

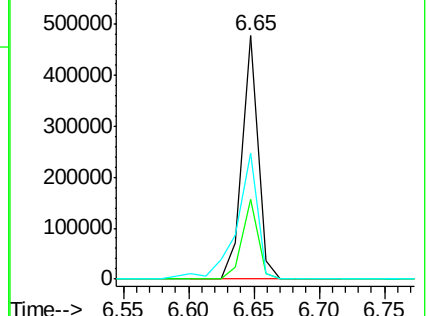
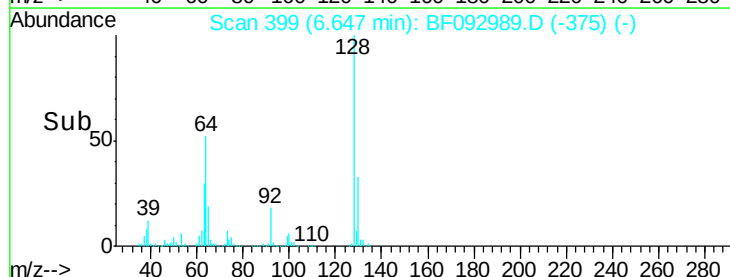
64 51.5 32.2 72.2

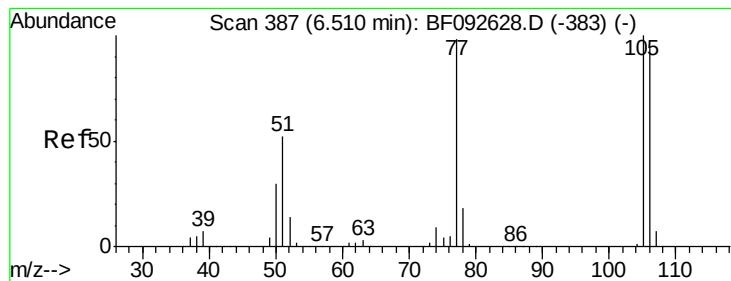


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.66 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

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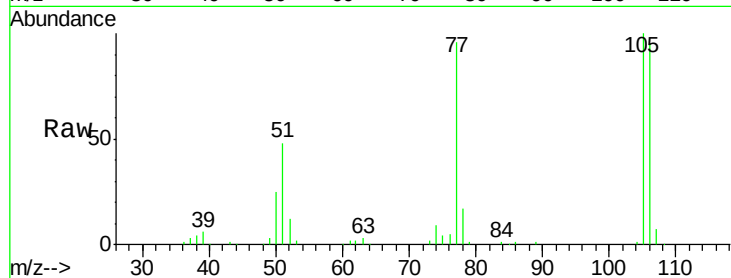
Tgt Ion: 77 Resp: 104756

Ion Ratio Lower Upper

77 100

105 104.6 83.9 123.9

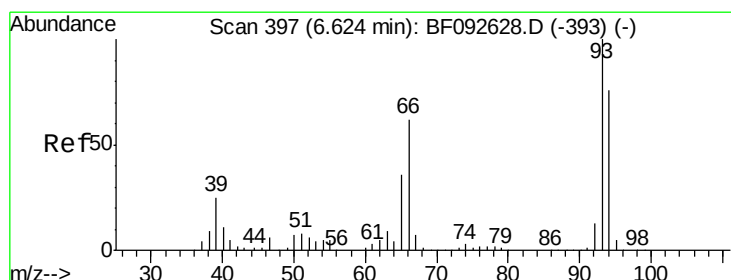
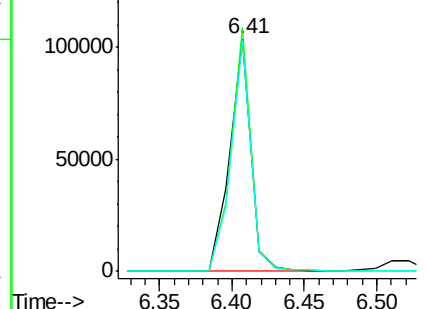
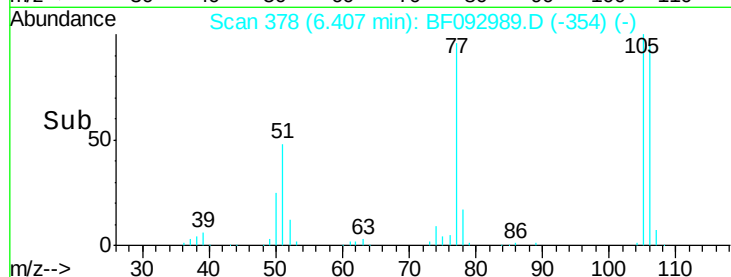
106 99.4 77.6 117.6



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: 34.75 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.03 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

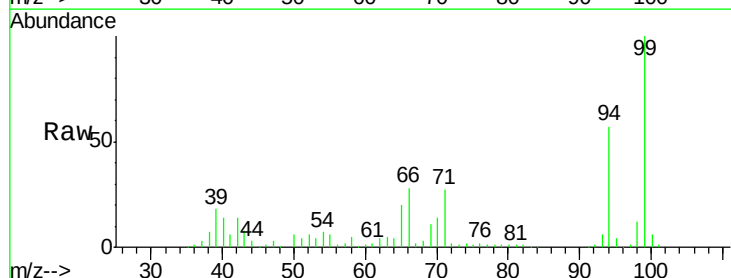
Tgt Ion: 94 Resp: 435219

Ion Ratio Lower Upper

94 100

65 34.5 21.4 61.4

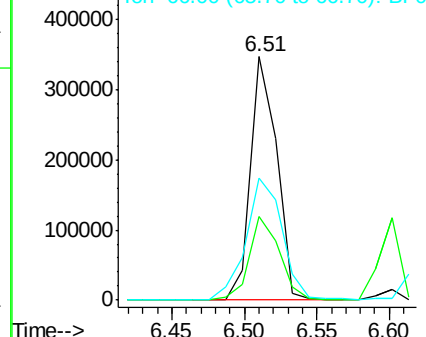
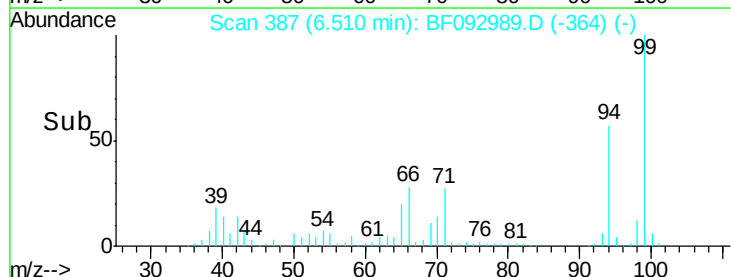
66 50.1 44.0 84.0

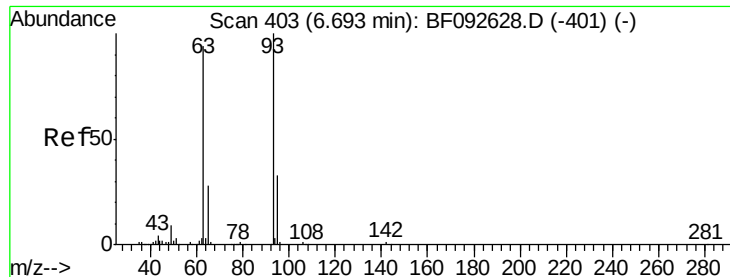


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

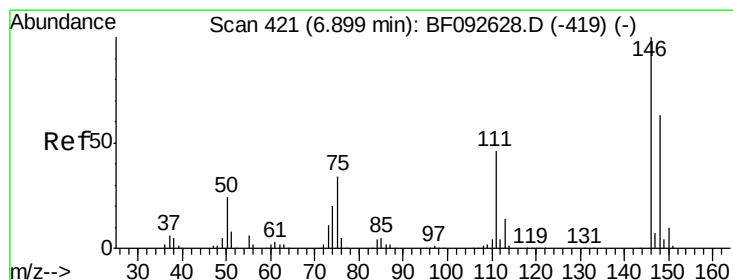
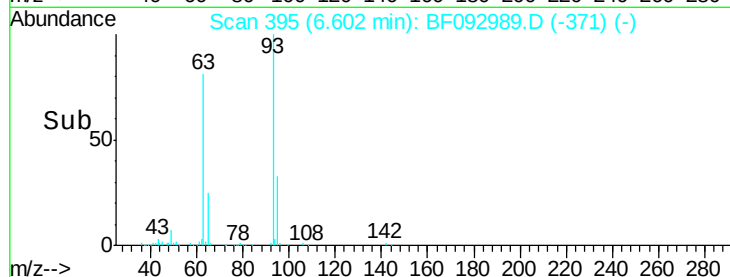
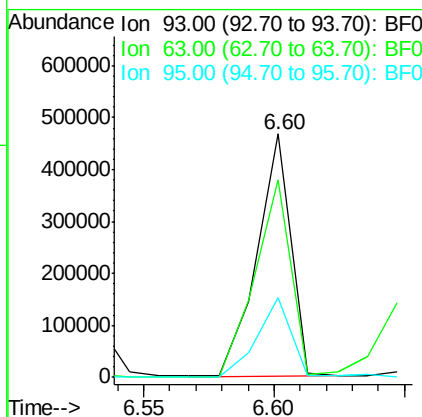
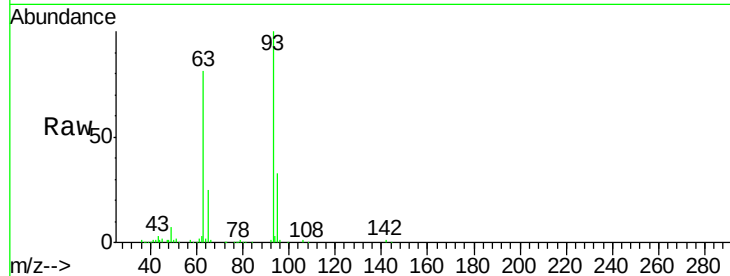




#11
bis(2-Chloroethyl)ether
Concen: 42.36 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

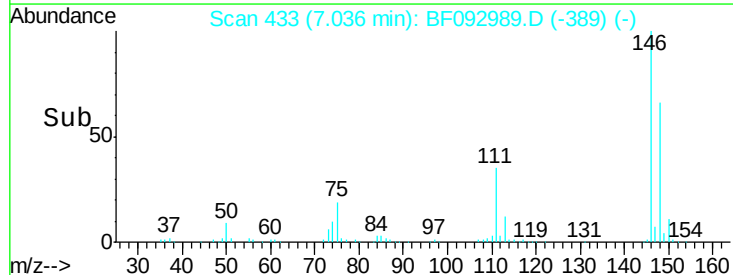
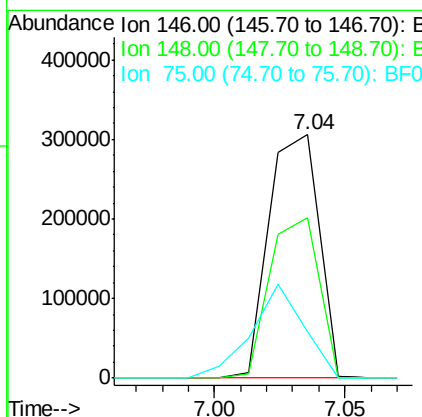
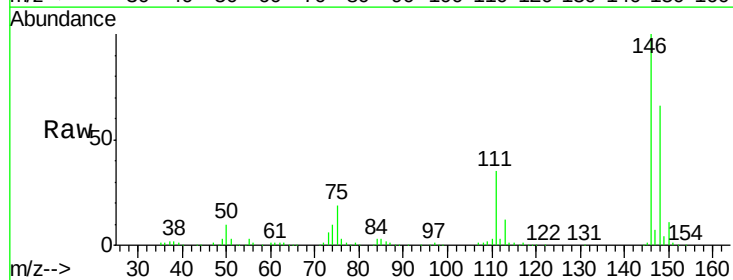
Instrument :
BNA_F
ClientSampleId :
PB96981BS

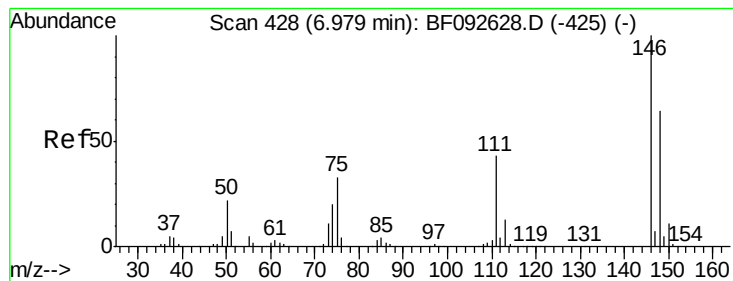
Tgt Ion: 93 Resp: 423452
Ion Ratio Lower Upper
93 100
63 81.4 60.4 100.4
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.12 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.21 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

Tgt Ion: 146 Resp: 409752
Ion Ratio Lower Upper
146 100
148 65.9 53.4 80.0
75 19.3 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 41.56 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

Instrument :

BNA_F

ClientSampleId :

PB96981BS

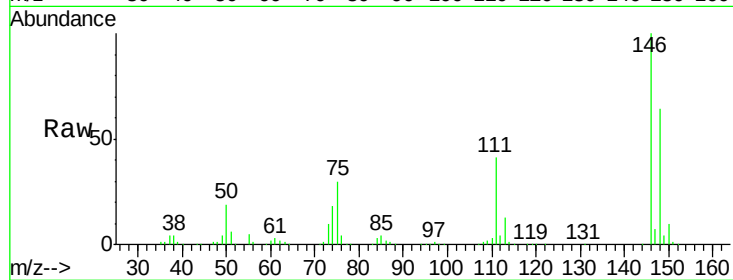
Tgt Ion:146 Resp: 452177

Ion Ratio Lower Upper

146 100

148 63.7 50.6 76.0

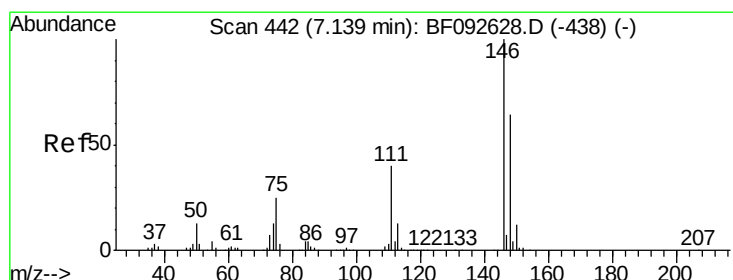
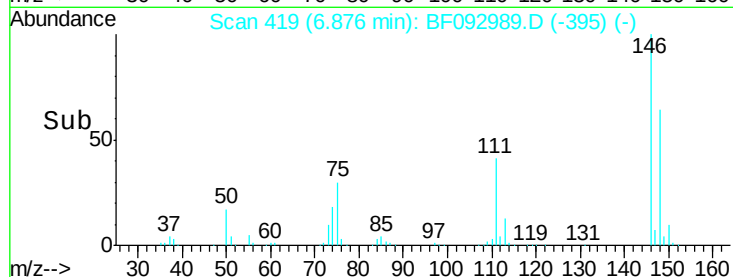
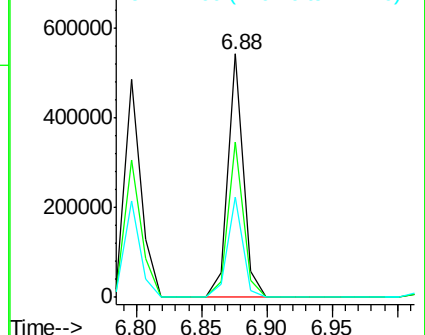
111 41.0 36.2 54.4



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: 43.46 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.18 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

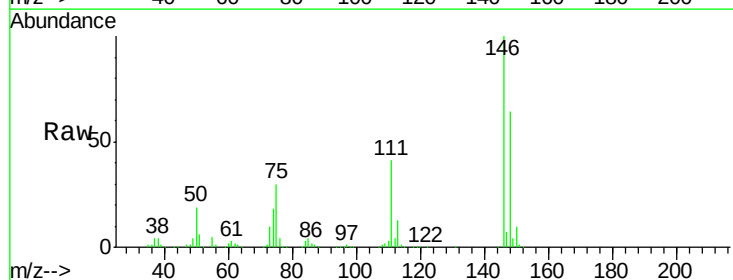
Tgt Ion:146 Resp: 452177

Ion Ratio Lower Upper

146 100

148 63.7 52.2 78.2

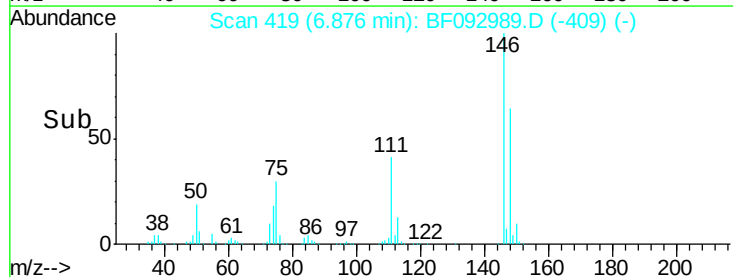
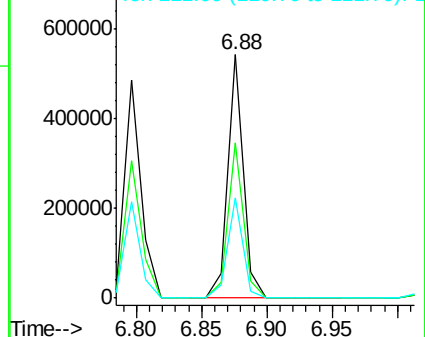
111 41.0 36.2 54.2

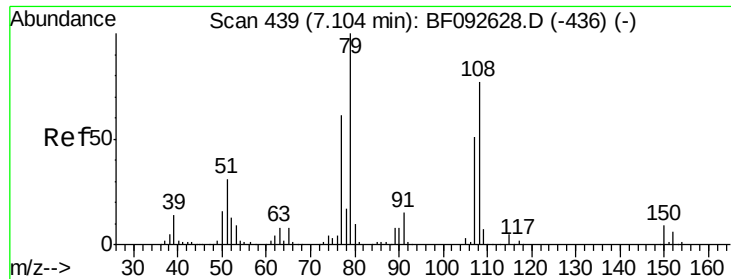


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

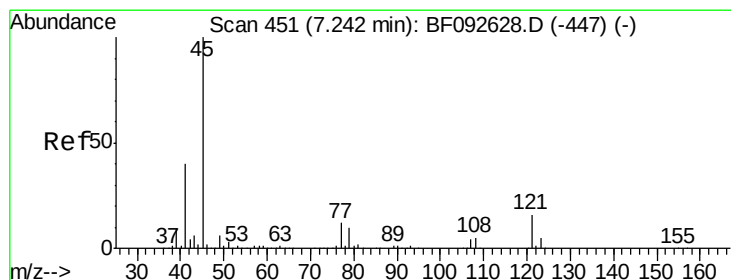
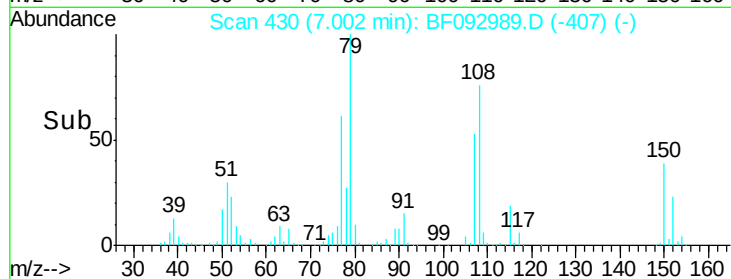
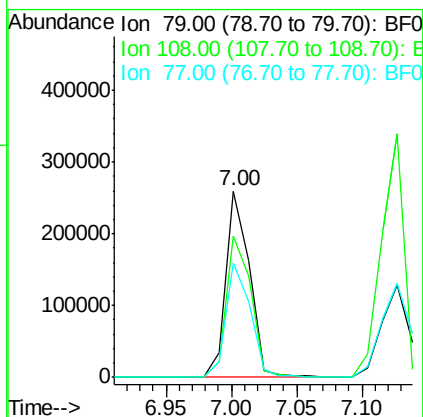
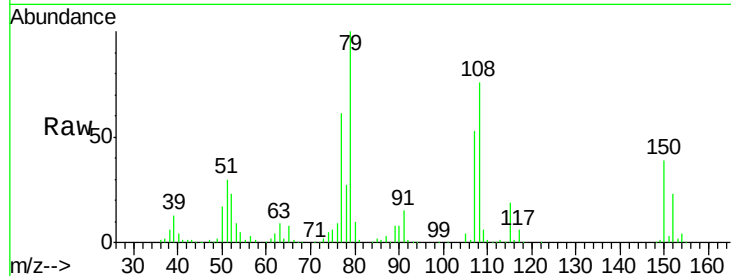




#15
Benzyl Alcohol
Concen: 41.27 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.03 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

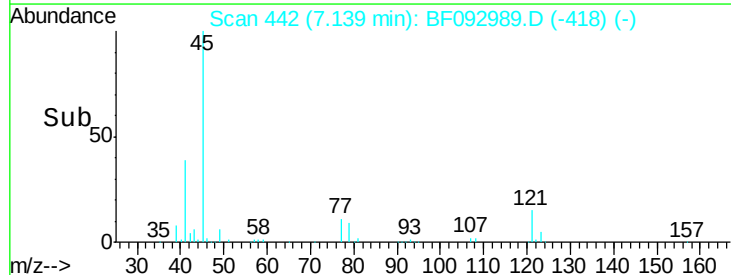
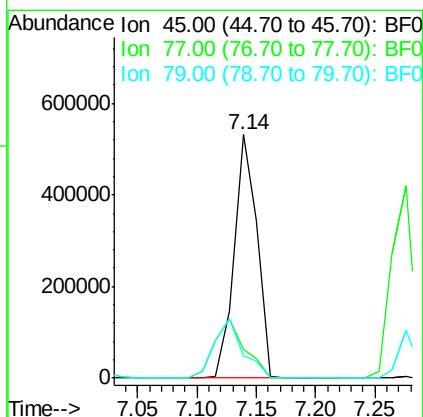
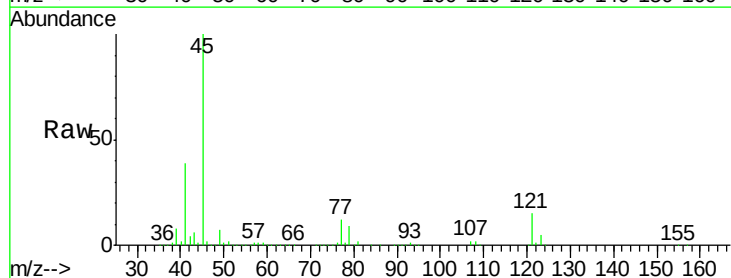
Instrument :
BNA_F
ClientSampleId :
PB96981BS

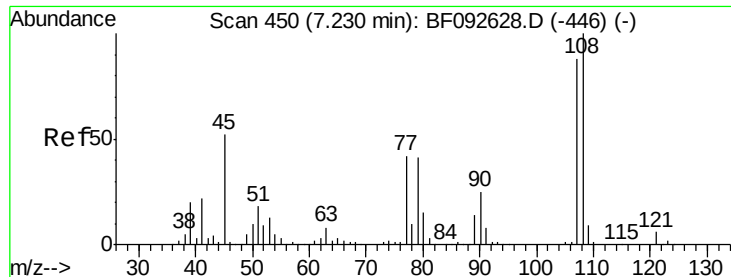
Tgt Ion: 79 Resp: 327071
Ion Ratio Lower Upper
79 100
108 75.7 61.4 92.0
77 61.1 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.64 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

Tgt Ion: 45 Resp: 705746
Ion Ratio Lower Upper
45 100
77 11.6 0.0 34.6
79 9.3 0.0 31.2





#17

2-Methylphenol

Concen: 45.21 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.02 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

Instrument :

BNA_F

ClientSampleId :

PB96981BS

Tgt Ion:107 Resp: 355947

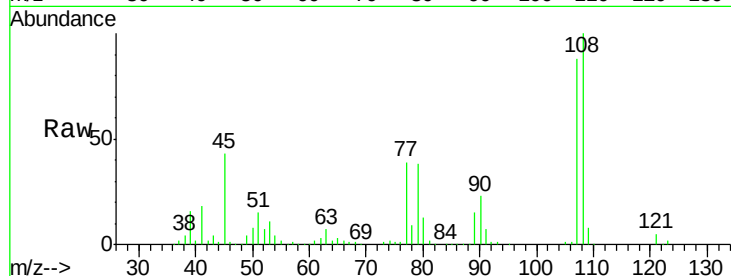
Ion Ratio Lower Upper

107 100

108 113.4 93.0 139.6

77 43.7 39.8 59.8

79 42.9 38.0 57.0

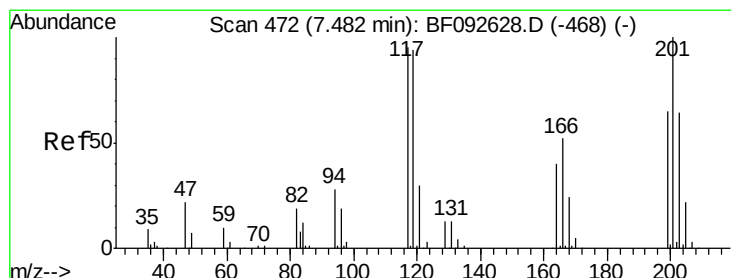
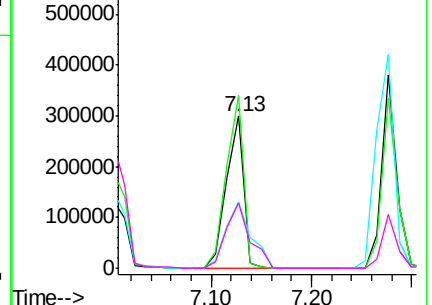
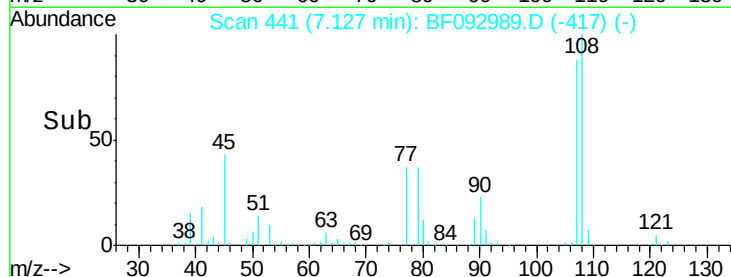


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.83 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

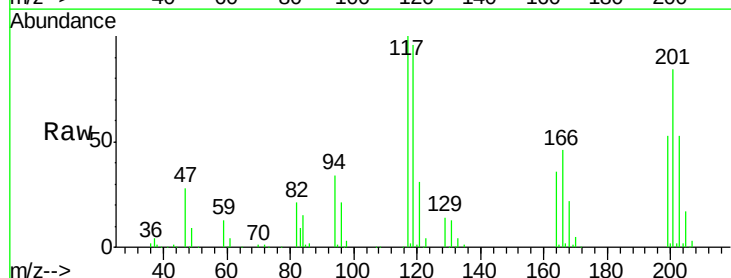
Tgt Ion:117 Resp: 147938

Ion Ratio Lower Upper

117 100

119 95.7 78.1 117.1

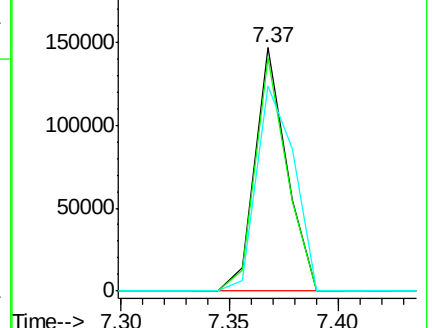
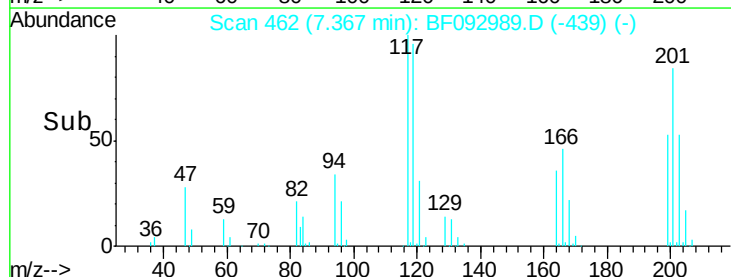
201 84.1 78.6 117.8

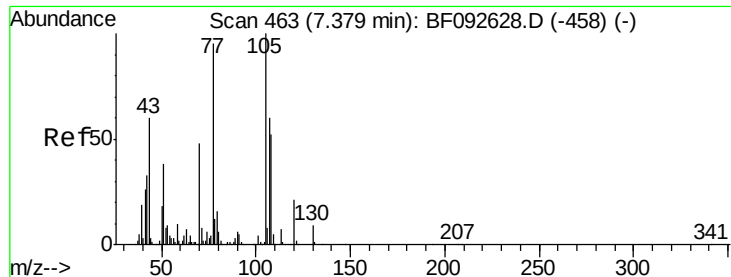


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

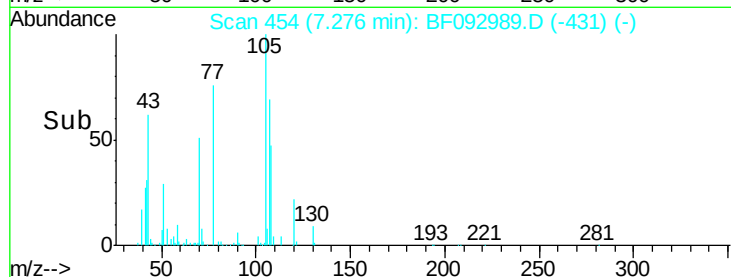
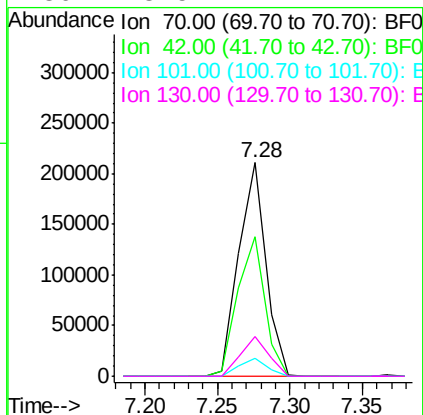
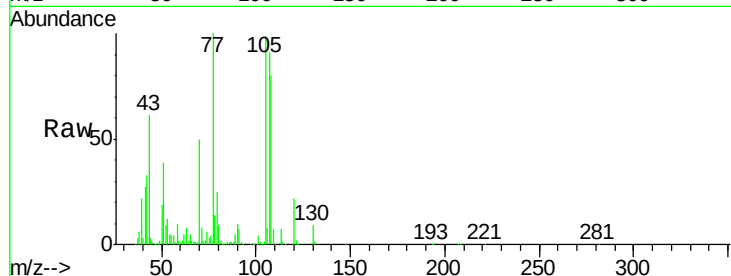




#19
n-Nitroso-di-n-propylamine
Concen: 40.20 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

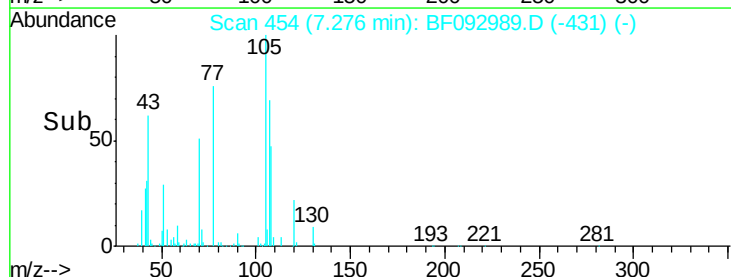
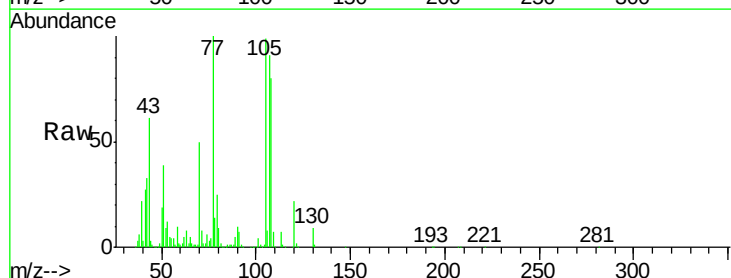
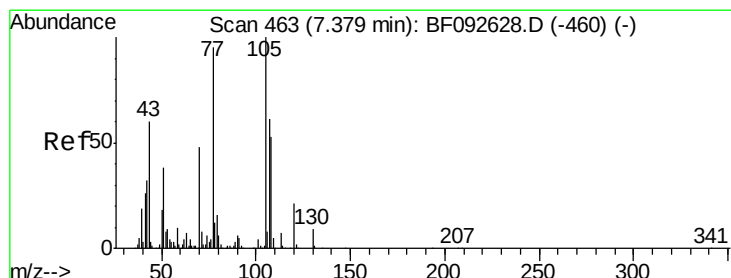
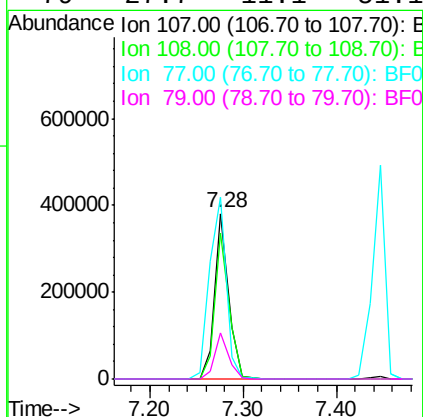
Instrument :
BNA_F
ClientSampleId :
PB96981BS

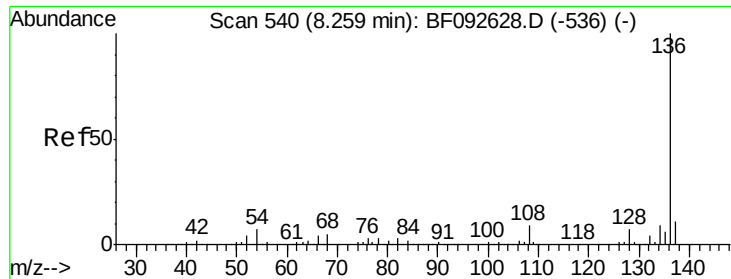
Tgt Ion:	70	Resp:	273947
Ion	Ratio	Lower	Upper
70	100		
42	65.4	49.4	74.0
101	8.7	7.4	11.2
130	18.5	14.2	21.4



#20
3+4-Methylphenols
Concen: 42.09 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

Tgt Ion:	107	Resp:	396211
Ion	Ratio	Lower	Upper
107	100		
108	87.9	73.0	113.0
77	110.3	71.3	111.3
79	27.7	11.1	51.1

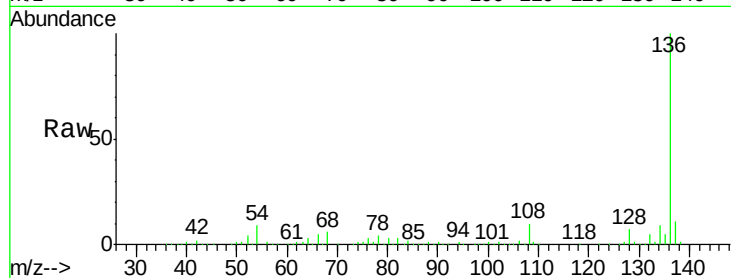




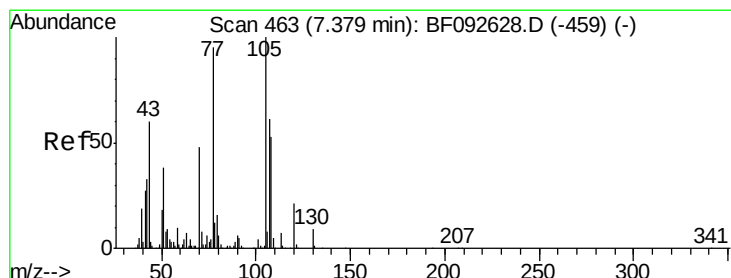
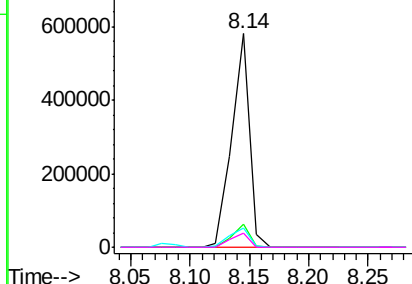
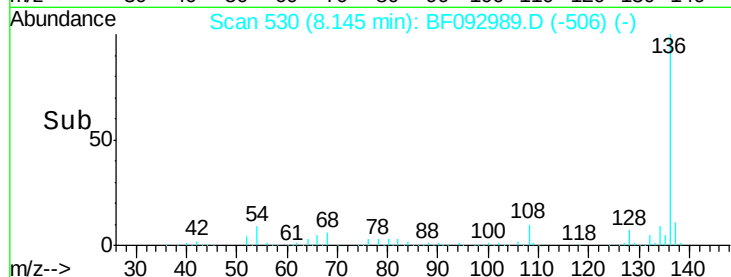
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB96981BS

Tgt Ion:	136	Resp:	599295
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.4	12.6
54	8.9	4.5	6.7#
68	6.5	3.6	5.4#

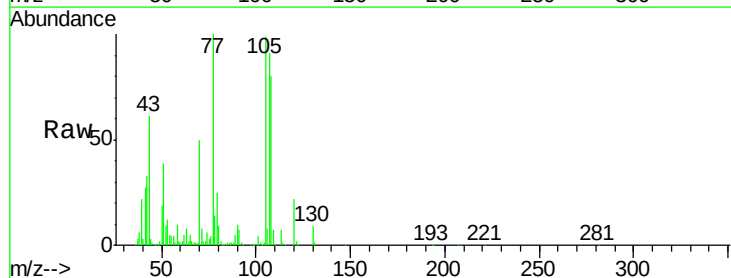


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

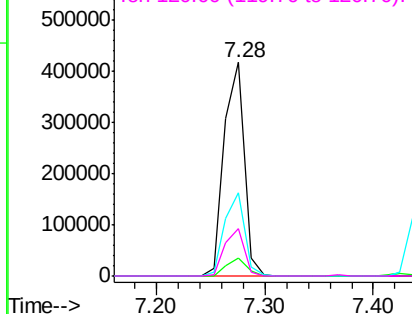
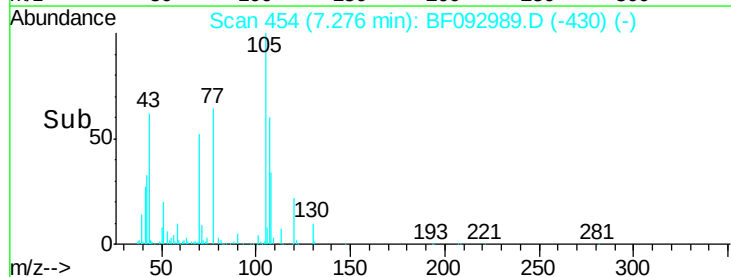


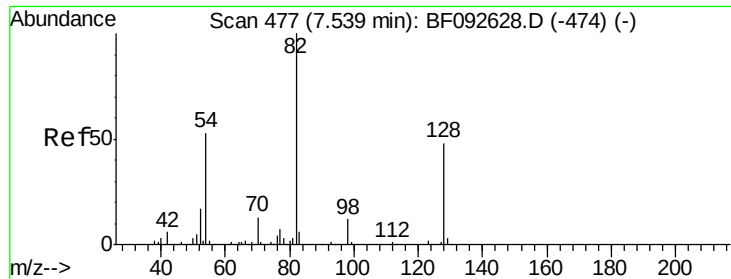
#22
Acetophenone
Concen: 38.98 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

Tgt Ion:	105	Resp:	533423
Ion Ratio	Lower	Upper	
105	100		
71	8.5	3.2	4.8#
51	38.8	26.2	39.4
120	22.0	16.6	24.8



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

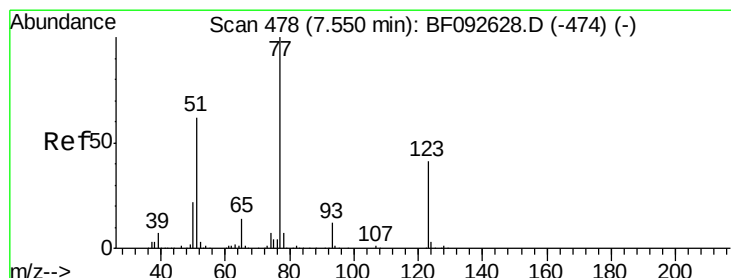
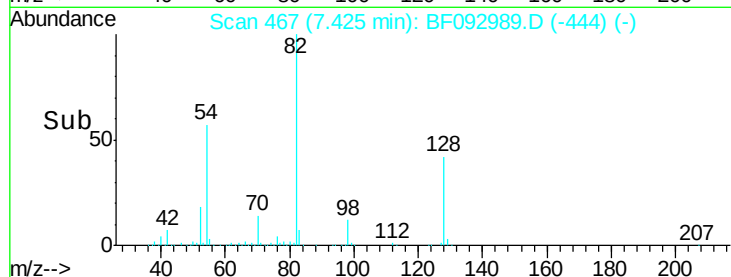
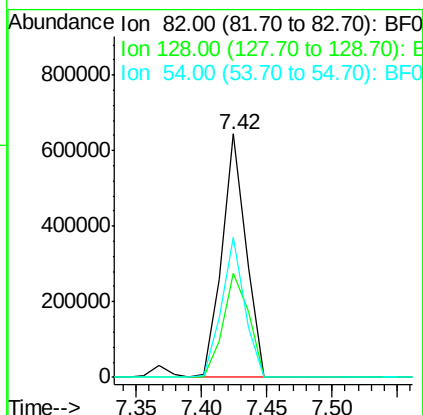
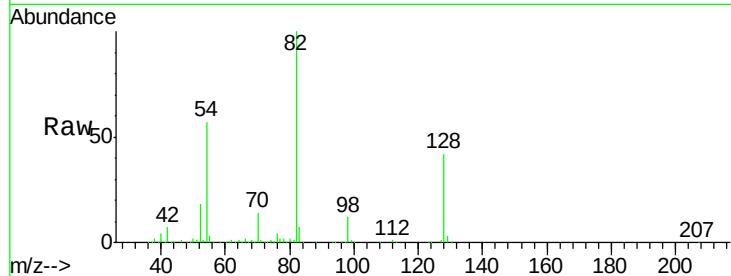




#23
 Nitrobenzene-d5
 Concen: 76.53 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

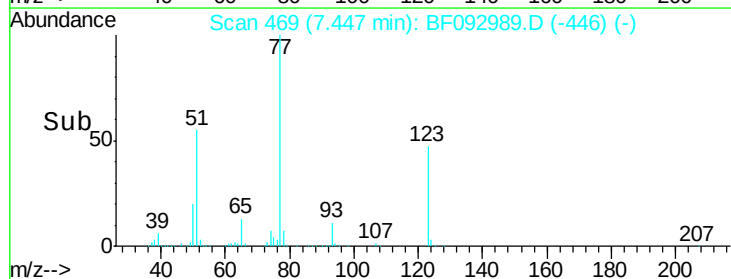
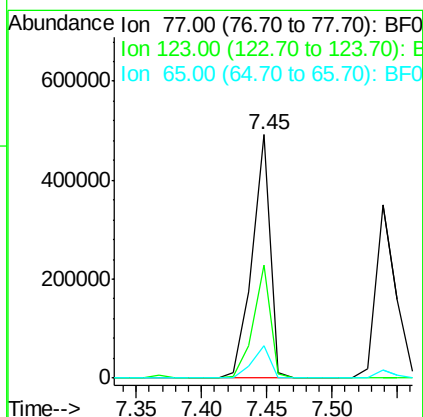
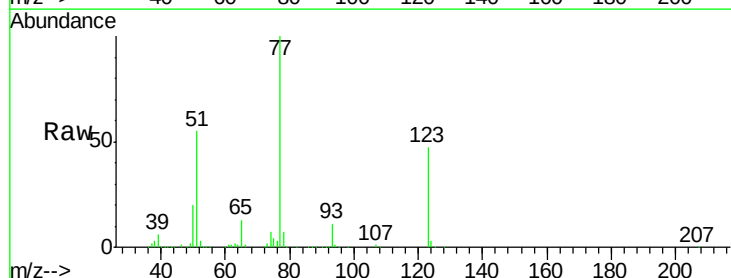
Instrument :
 BNA_F
 ClientSampleId :
 PB96981BS

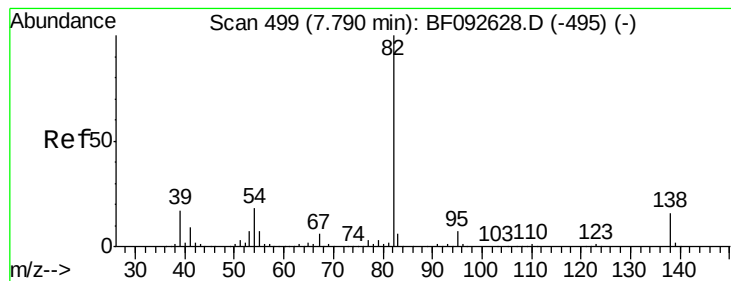
Tgt Ion: 82 Resp: 823571
 Ion Ratio Lower Upper
 82 100
 128 42.5 34.6 52.0
 54 57.4 39.5 59.3



#24
 Nitrobenzene
 Concen: 42.80 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.03 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

Tgt Ion: 77 Resp: 473008
 Ion Ratio Lower Upper
 77 100
 123 46.5 33.0 49.4
 65 13.2 11.2 16.8





#25

Isophorone

Concen: 41.30 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

Instrument :

BNA_F

ClientSampleId :

PB96981BS

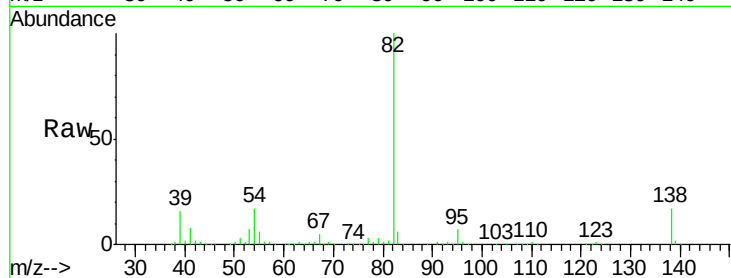
Tgt Ion: 82 Resp: 828245

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 17.2 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

7.69

800000

600000

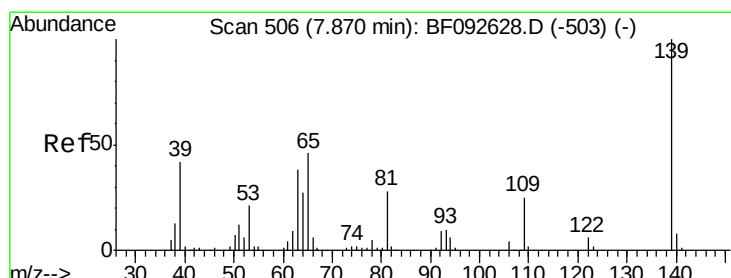
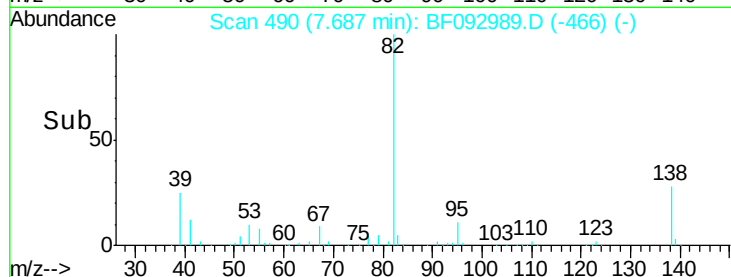
400000

200000

0

Time-->

7.60 7.65 7.70 7.75



#26

2-Nitrophenol

Concen: 42.37 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

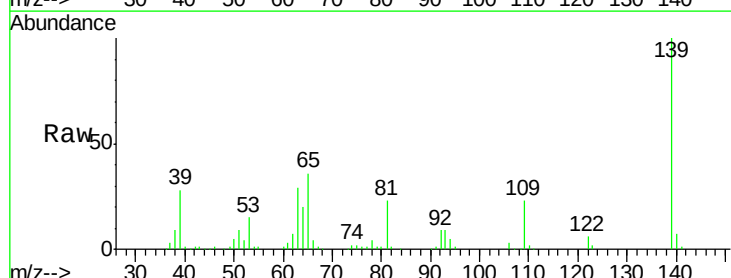
Tgt Ion: 139 Resp: 222582

Ion Ratio Lower Upper

139 100

109 23.0 23.3 34.9#

65 35.8 42.7 64.1#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

200000

150000

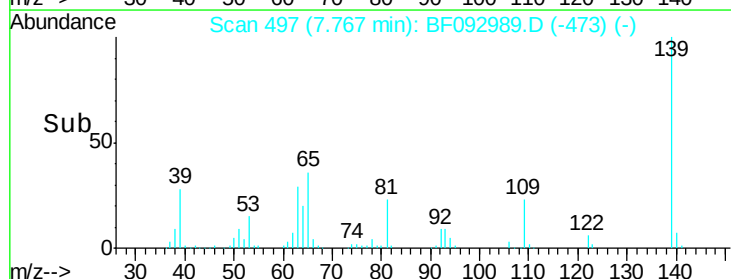
100000

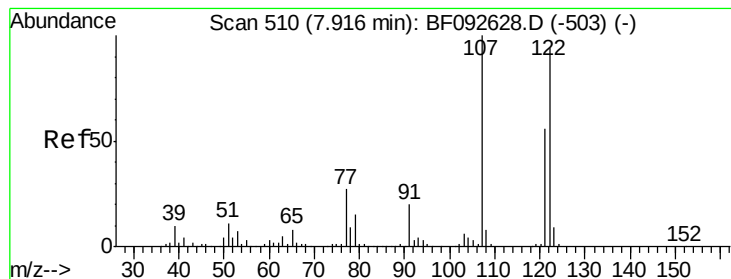
50000

0

Time-->

7.70 7.75 7.80 7.85





#27

2,4-Dimethylphenol

Concen: 38.78 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.03 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

Instrument :

BNA_F

ClientSampleId :

PB96981BS

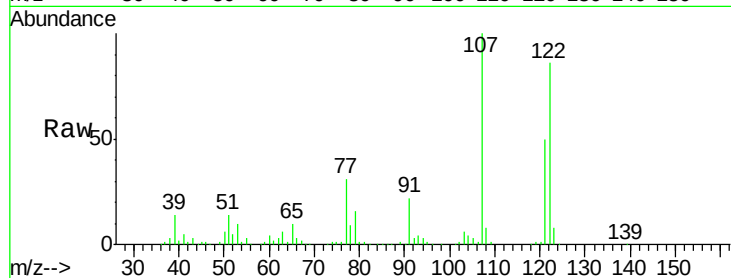
Tgt Ion:122 Resp: 357728

Ion Ratio Lower Upper

122 100

107 116.4 94.1 141.1

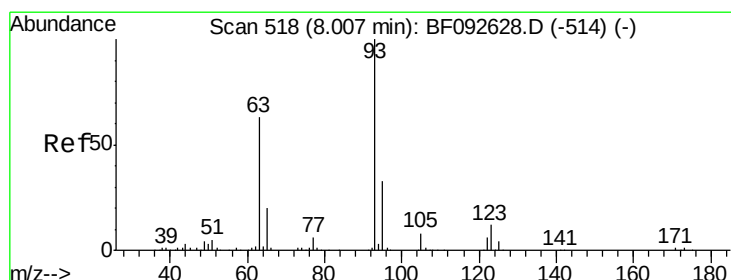
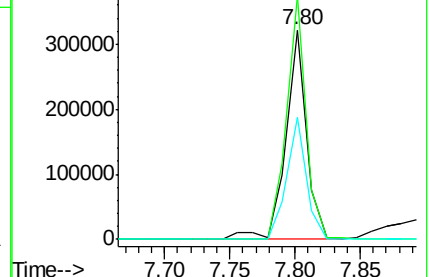
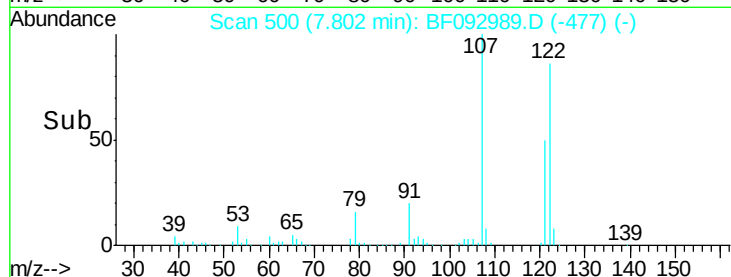
121 58.2 46.0 69.0



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: 37.55 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.03 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

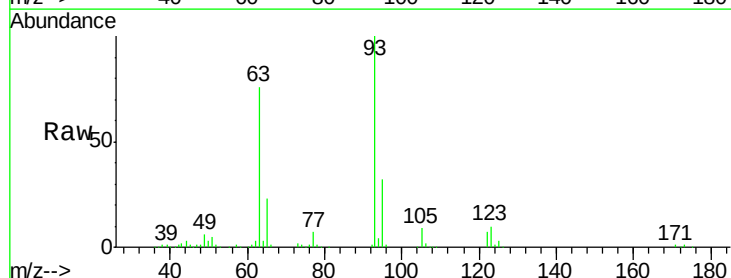
Tgt Ion: 93 Resp: 498675

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

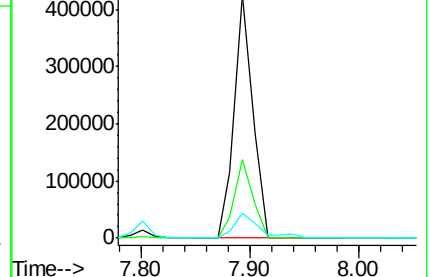
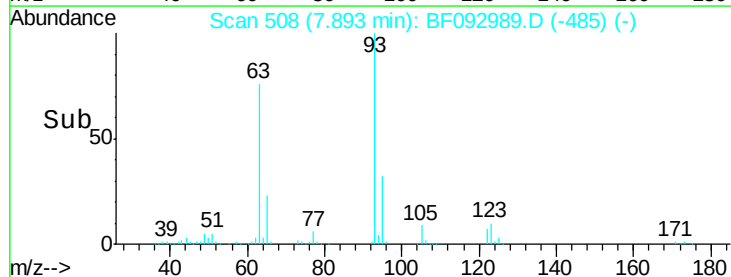
123 10.3 8.6 13.0

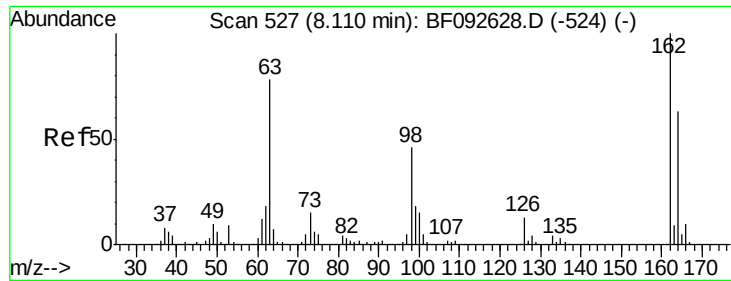


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

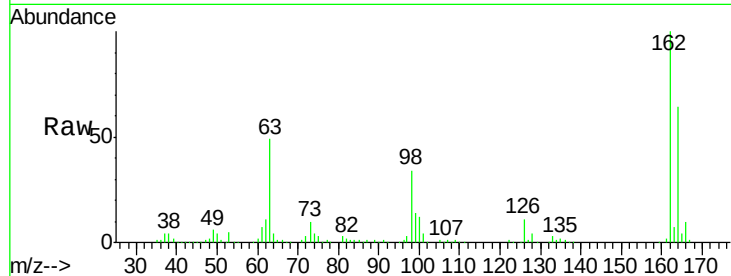




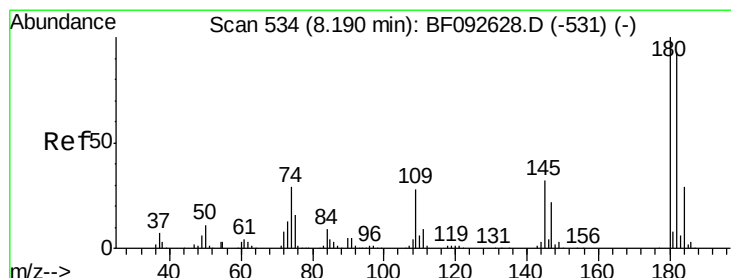
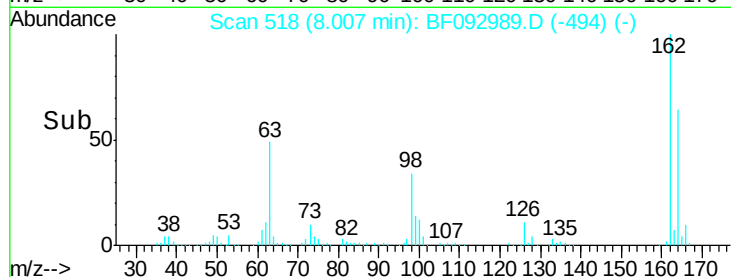
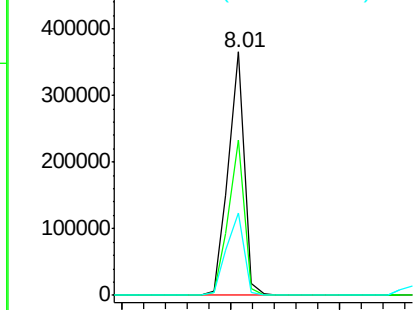
#29
 2,4-Dichlorophenol
 Concen: 43.32 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.02 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB96981BS

Tgt Ion:162 Resp: 372724
 Ion Ratio Lower Upper
 162 100
 164 63.6 46.8 86.8
 98 33.9 9.1 49.1

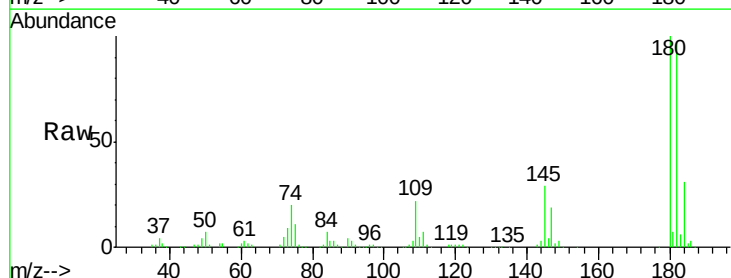


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

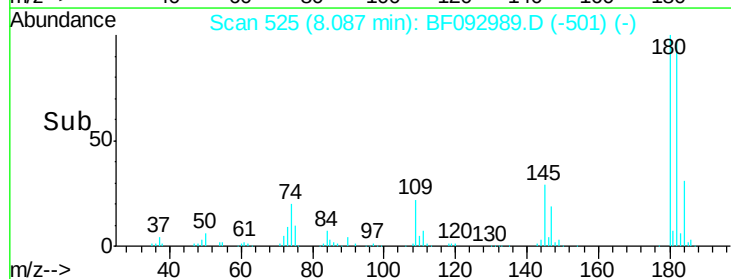
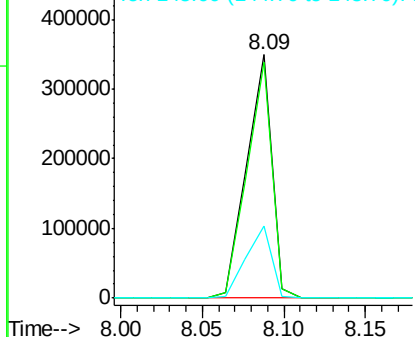


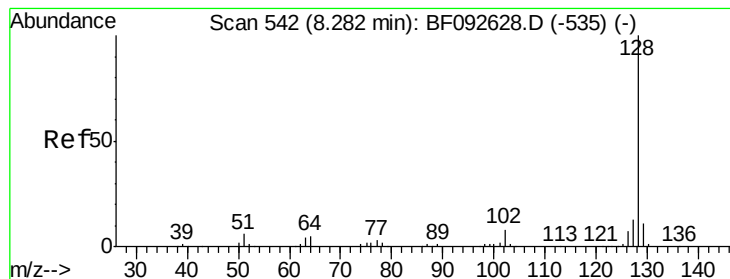
#30
 1,2,4-Trichlorobenzene
 Concen: 40.50 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.02 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

Tgt Ion:180 Resp: 375480
 Ion Ratio Lower Upper
 180 100
 182 96.7 78.2 117.4
 145 29.4 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: 39.51 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.02 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

Instrument :

BNA_F

ClientSampleId :

PB96981BS

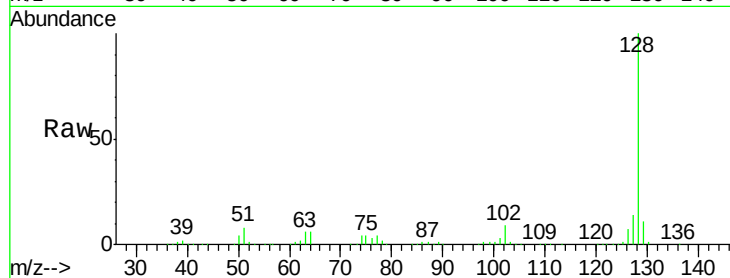
Tgt Ion:128 Resp: 1200326

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

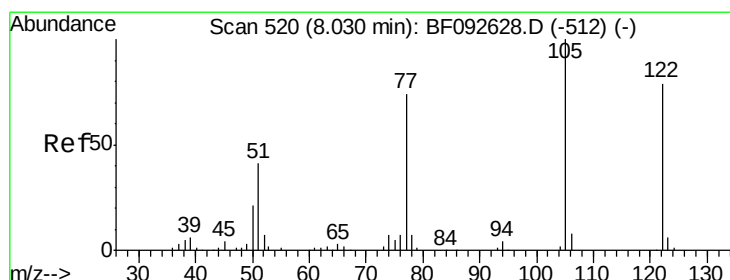
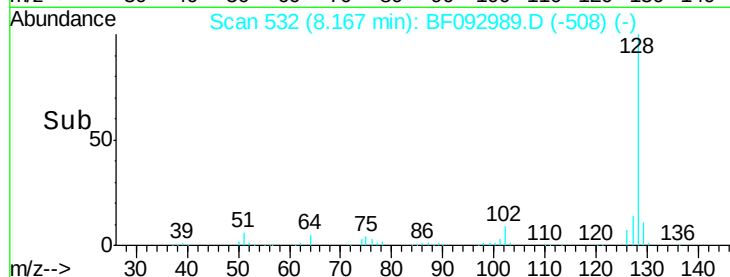
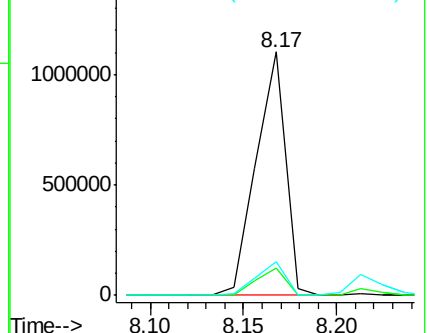
127 13.7 10.8 16.2



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: 44.80 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

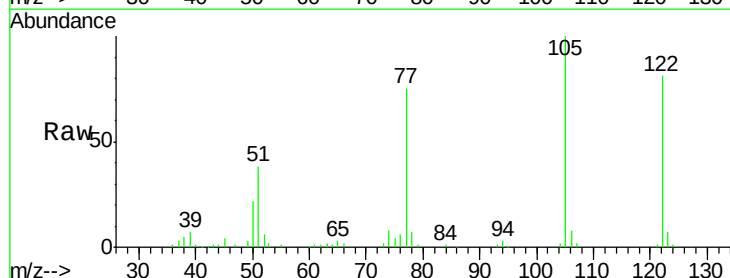
Tgt Ion:122 Resp: 231252

Ion Ratio Lower Upper

122 100

105 123.2 107.2 147.2

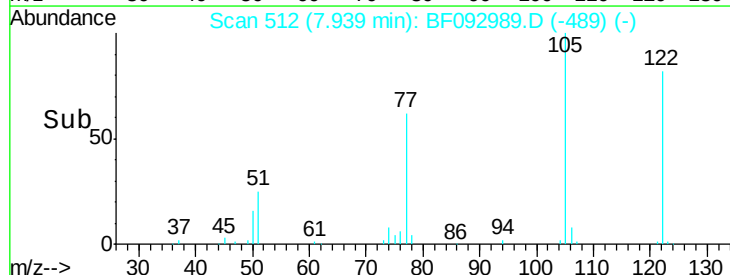
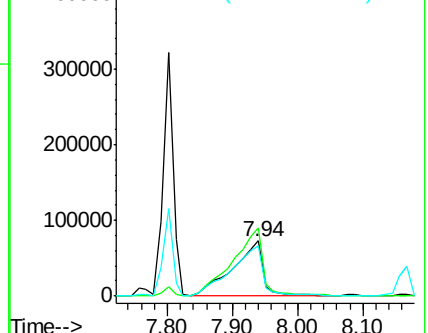
77 92.2 74.5 114.5

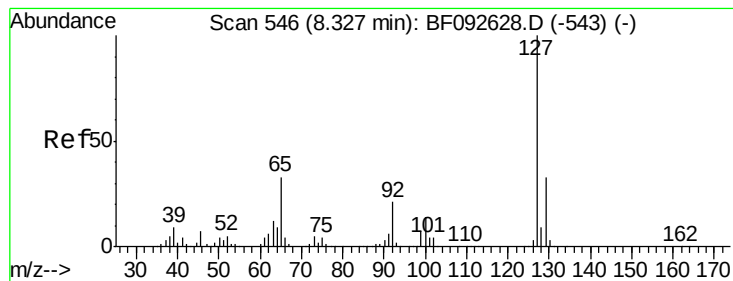


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 10.31 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

Instrument :

BNA_F

ClientSampleId :

PB96981BS

Tgt Ion:127 Resp: 122848

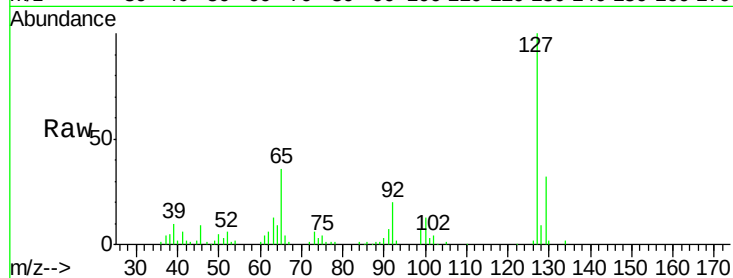
Ion Ratio Lower Upper

127 100

129 31.6 26.3 39.5

65 35.9 25.8 38.8

92 20.3 16.1 24.1

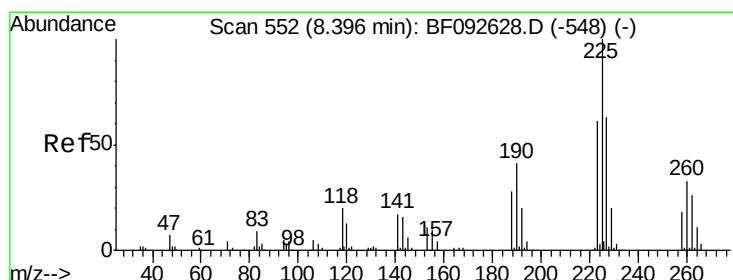
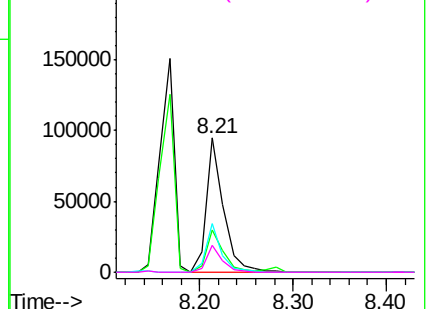
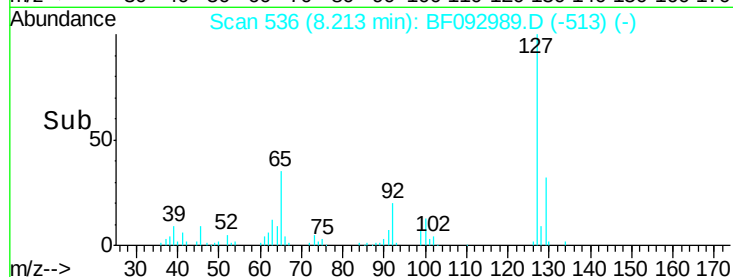


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 38.11 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.02 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

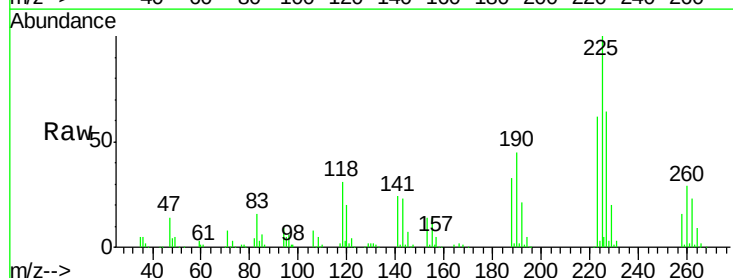
Tgt Ion:225 Resp: 194406

Ion Ratio Lower Upper

225 100

223 62.1 51.0 76.6

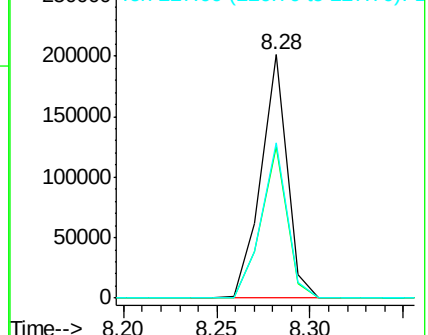
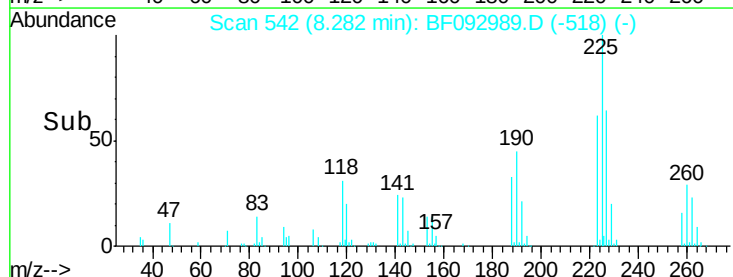
227 63.6 50.6 76.0

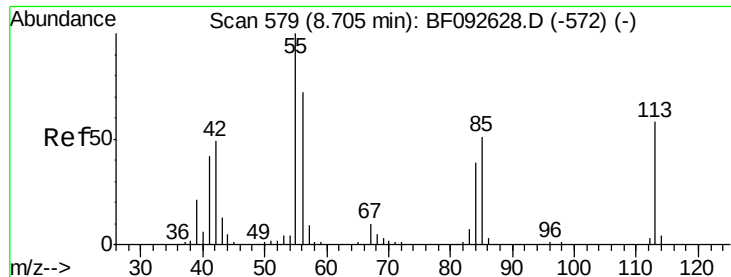


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

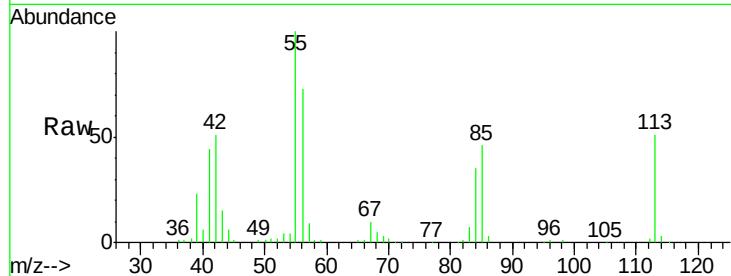




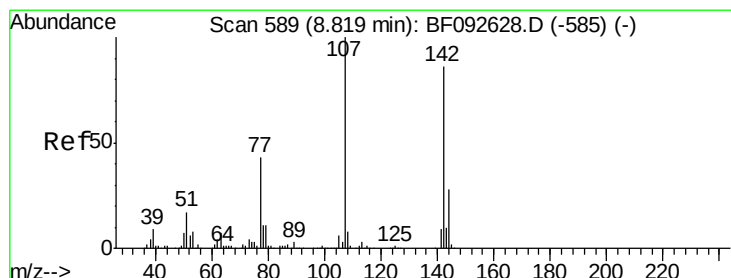
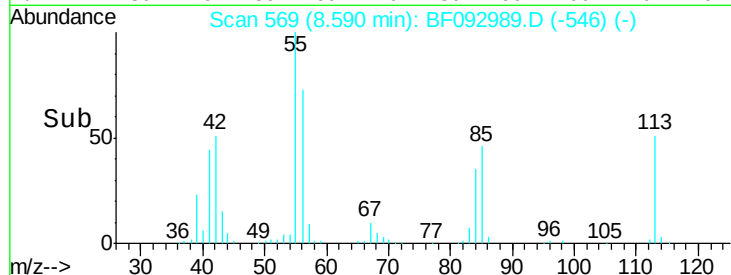
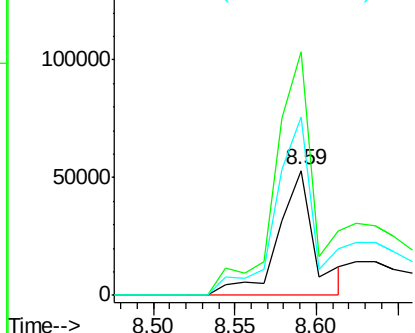
#35
 Caprolactam
 Concen: 30.18 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB96981BS

Tgt Ion:113 Resp: 81688
 Ion Ratio Lower Upper
 113 100
 55 195.1 119.2 159.2#
 56 142.8 83.8 123.8#

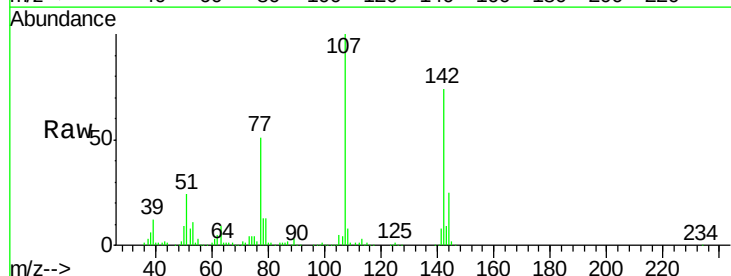


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

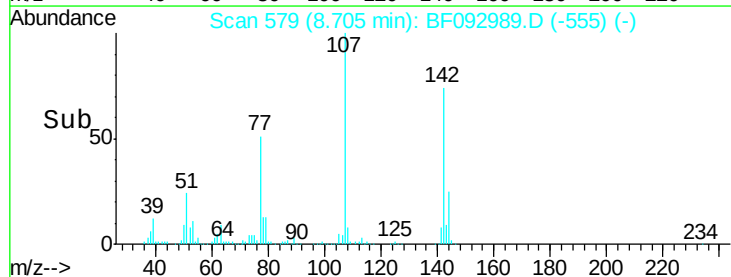
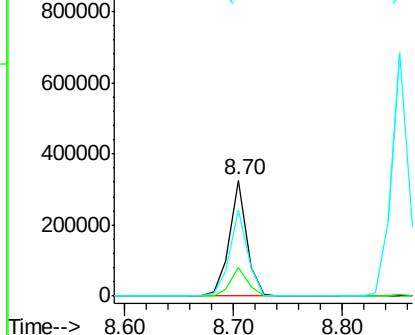


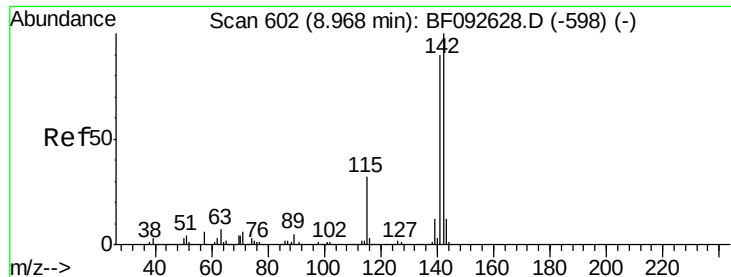
#36
 4-Chloro-3-methylphenol
 Concen: 40.48 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.02 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

Tgt Ion:107 Resp: 363086
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.3 28.9
 142 73.7 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: 38.69 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.03 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

Instrument :

BNA_F

ClientSampleId :

PB96981BS

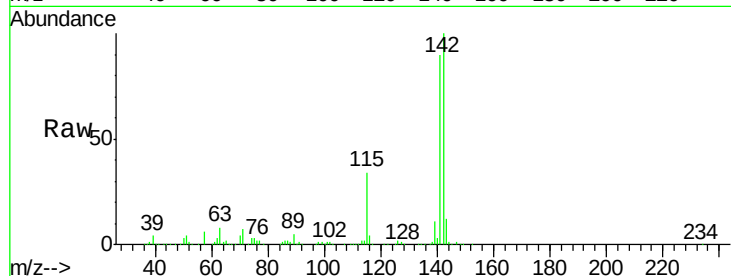
Tgt Ion:142 Resp: 754649

Ion Ratio Lower Upper

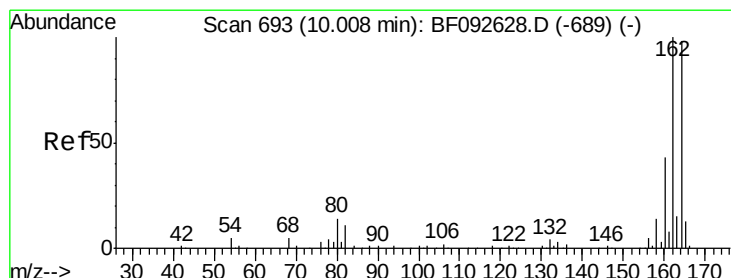
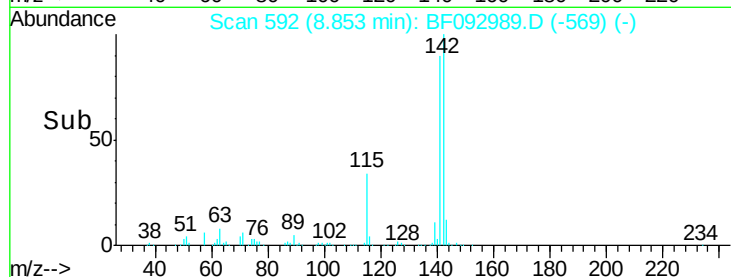
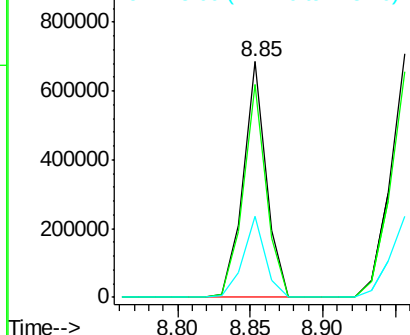
142 100

141 90.2 71.0 106.6

115 34.4 28.3 42.5



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

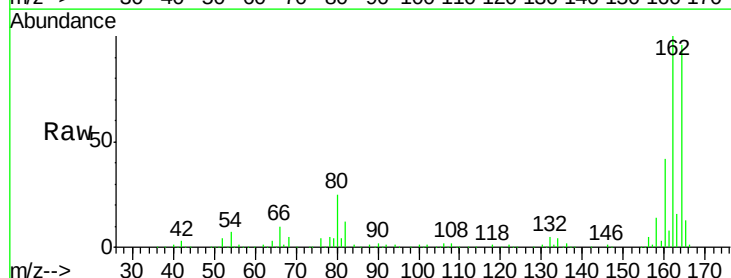
Tgt Ion:164 Resp: 316798

Ion Ratio Lower Upper

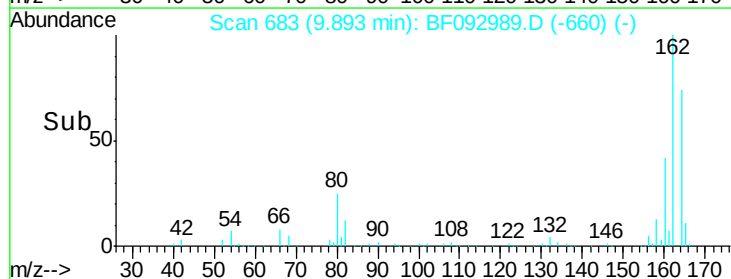
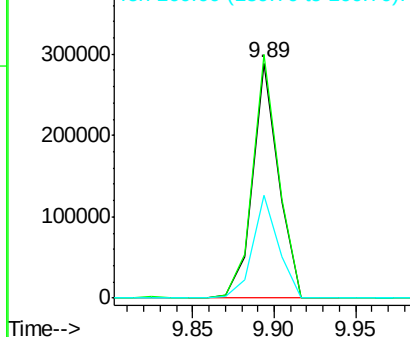
164 100

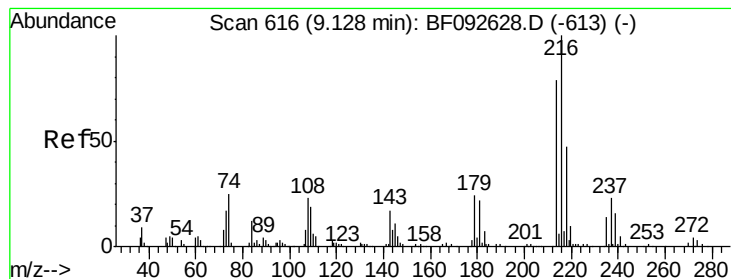
162 103.7 80.2 120.2

160 44.0 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.79 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.02 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

Instrument :

BNA_F

ClientSampled :

PB96981BS

Tgt Ion:216 Resp: 362697

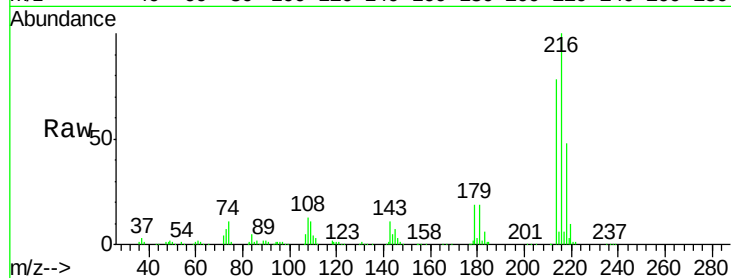
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.0

179 20.8 17.4 26.2

108 18.6 15.6 23.4

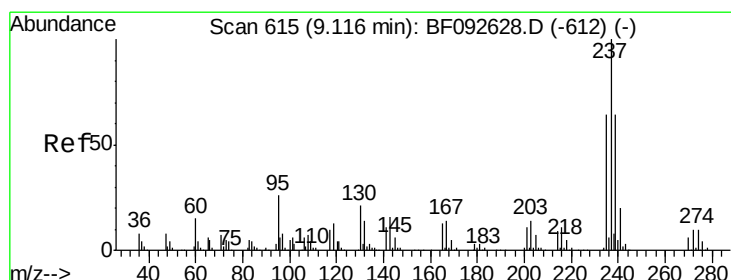
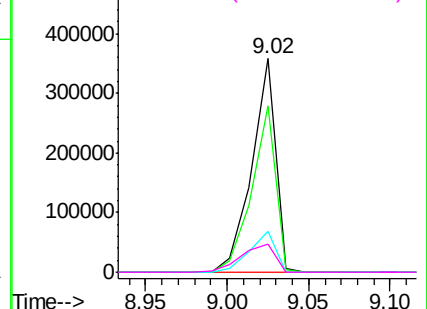
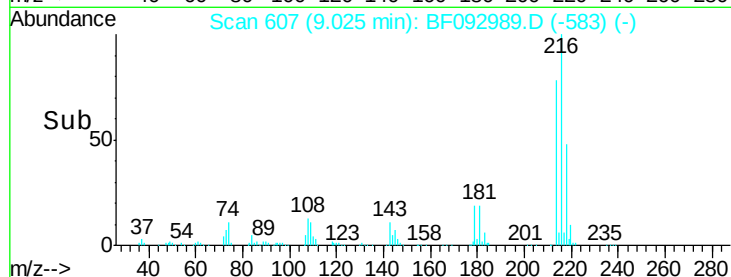


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.58 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.02 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

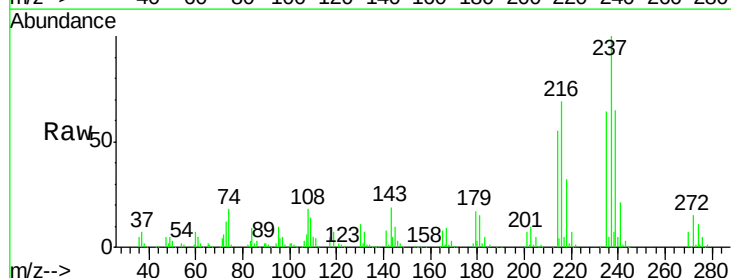
Tgt Ion:237 Resp: 287187

Ion Ratio Lower Upper

237 100

235 63.9 41.2 81.2

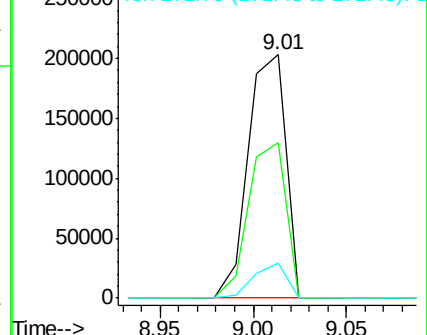
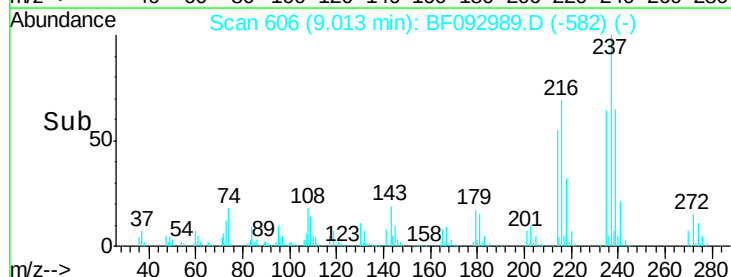
272 14.6 0.0 35.4

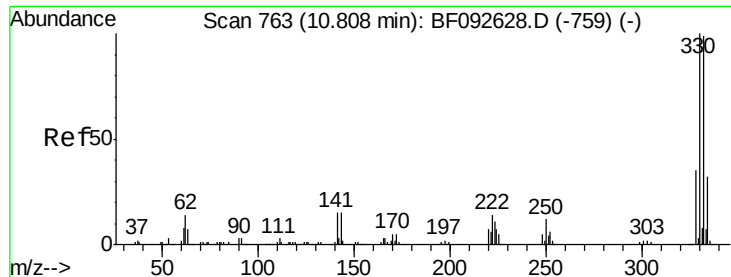


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

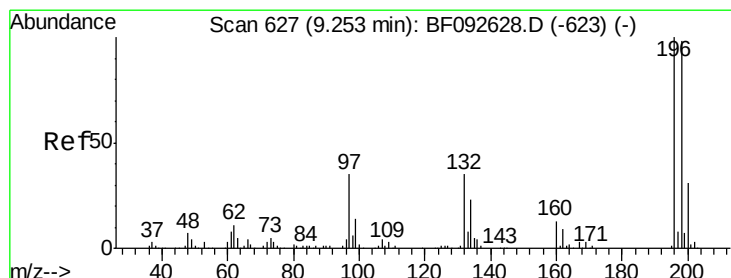
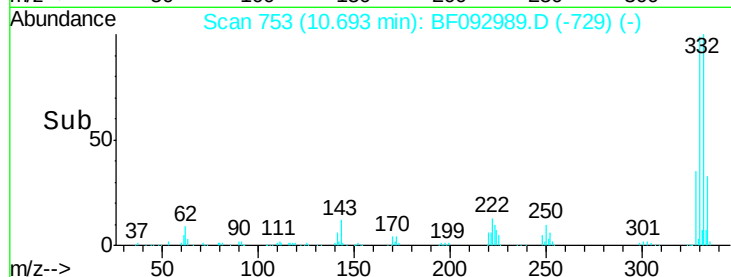
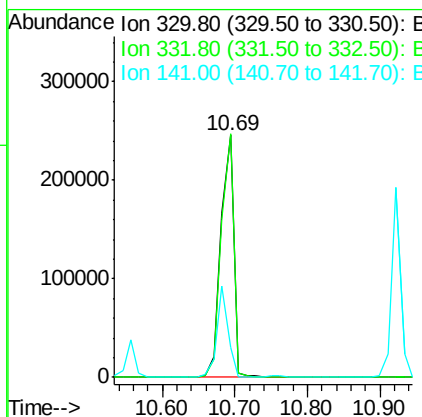
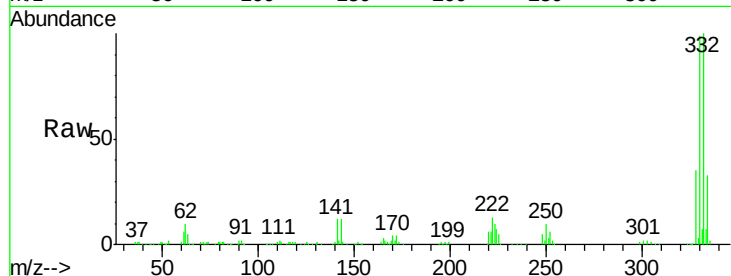




#41
 2,4,6-Tribromophenol
 Concen: 133.52 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

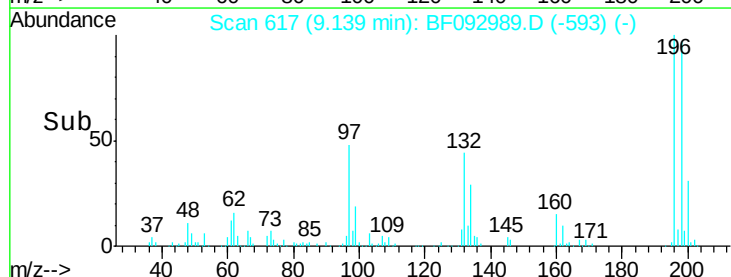
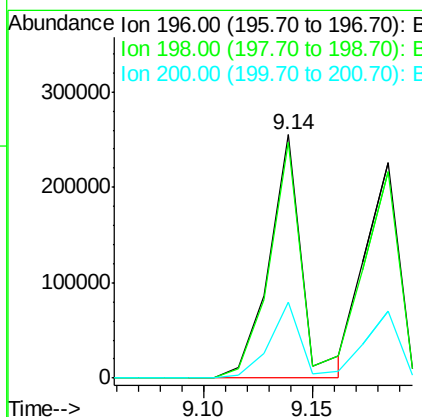
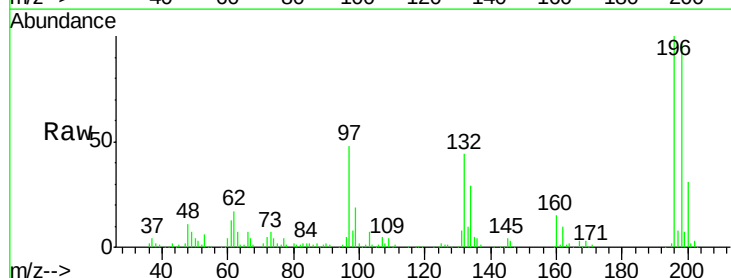
Instrument :
 BNA_F
 ClientSampleId :
 PB96981BS

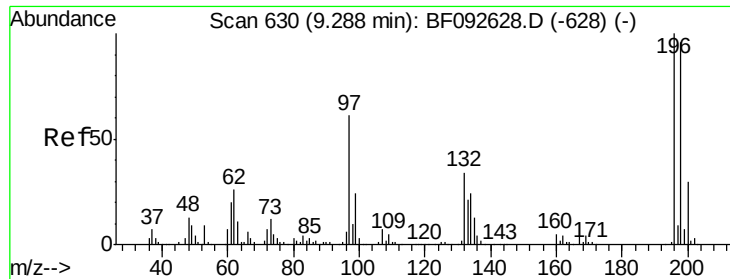
Tgt Ion:330 Resp: 305928
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.4 116.2
 141 32.7 34.1 51.1#



#42
 2,4,6-Trichlorophenol
 Concen: 45.60 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

Tgt Ion:196 Resp: 266443
 Ion Ratio Lower Upper
 196 100
 198 96.9 82.1 123.1
 200 31.0 27.0 40.4

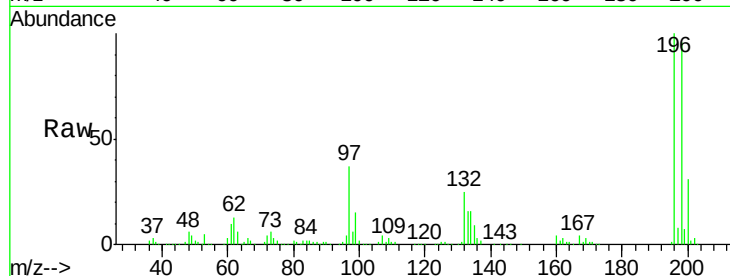




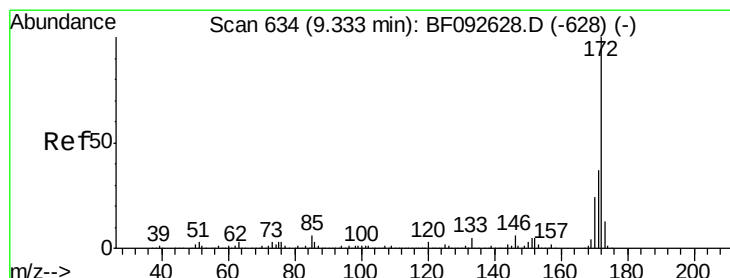
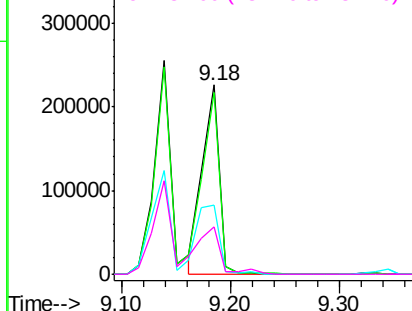
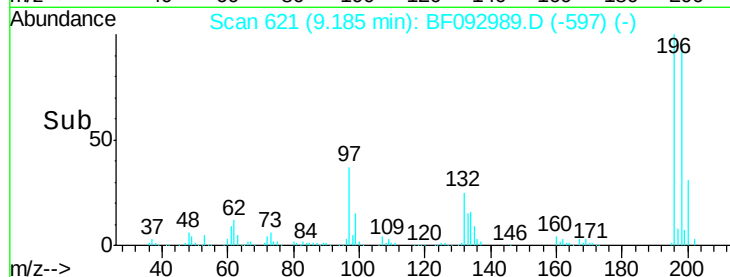
#43
2,4,5-Trichlorophenol
Concen: 38.73 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.02 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB96981BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	79.4	119.2
97	36.9	51.5	77.3#
132	24.8	27.4	41.2#

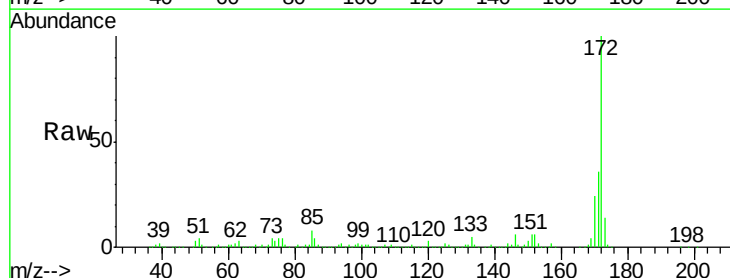


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

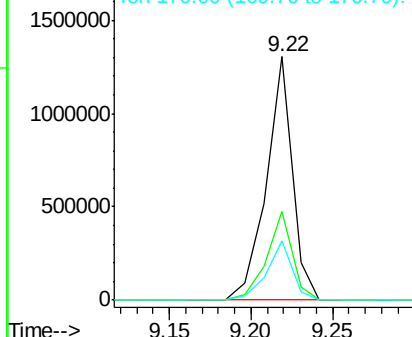
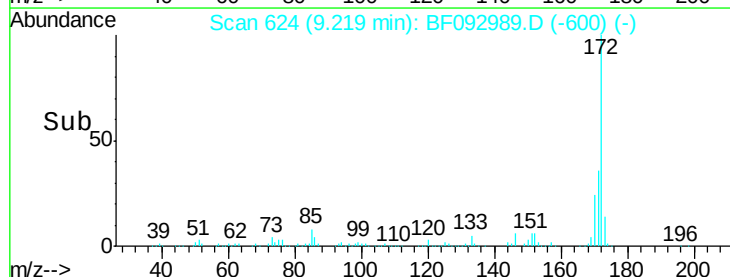


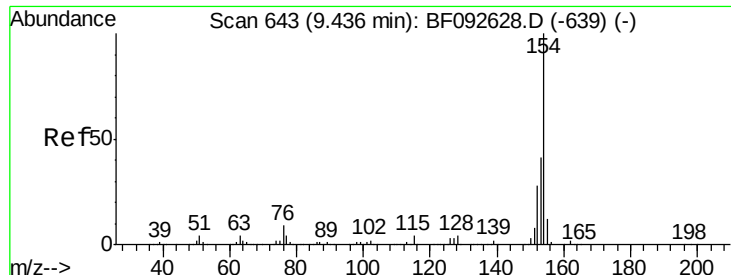
#44
2-Fluorobiphenyl
Concen: 82.91 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.2	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: 42.70 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.02 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

Instrument :

BNA_F

ClientSampleId :

PB96981BS

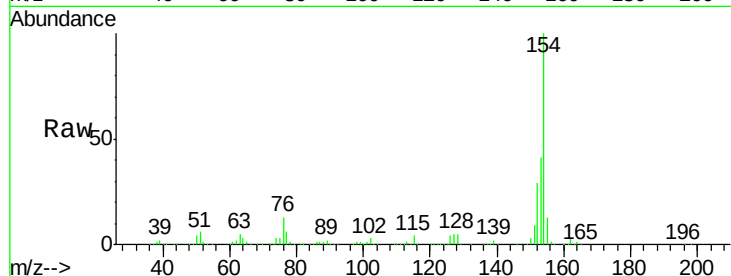
Tgt Ion:154 Resp: 979472

Ion Ratio Lower Upper

154 100

153 41.0 20.9 60.9

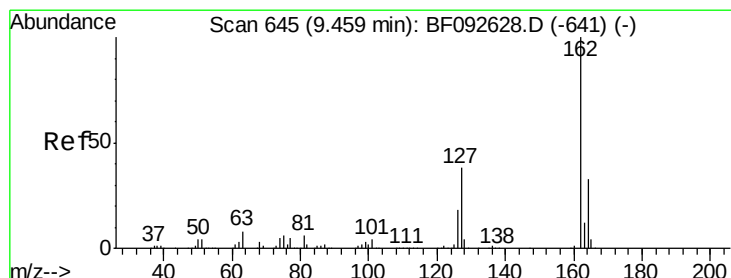
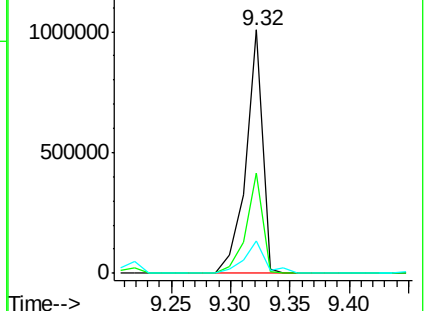
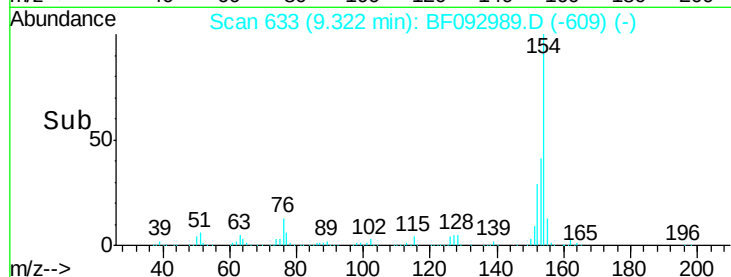
76 13.1 0.0 30.5



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: 40.81 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.02 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

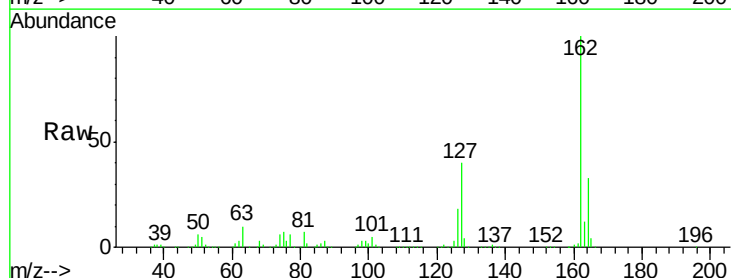
Tgt Ion:162 Resp: 732411

Ion Ratio Lower Upper

162 100

127 40.3 30.7 46.1

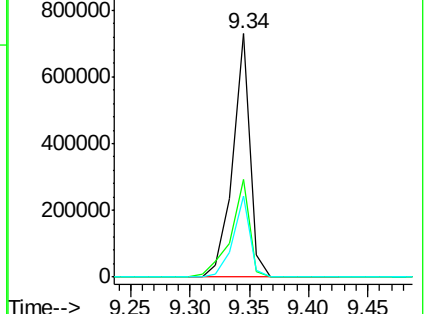
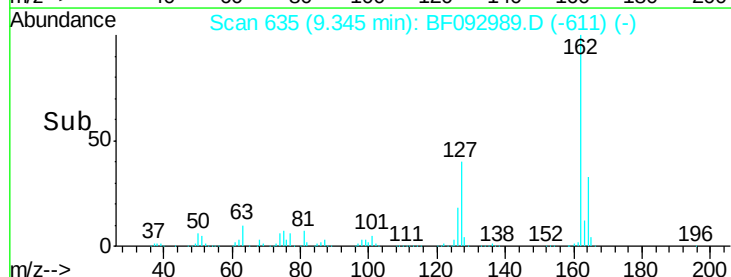
164 33.2 27.6 41.4

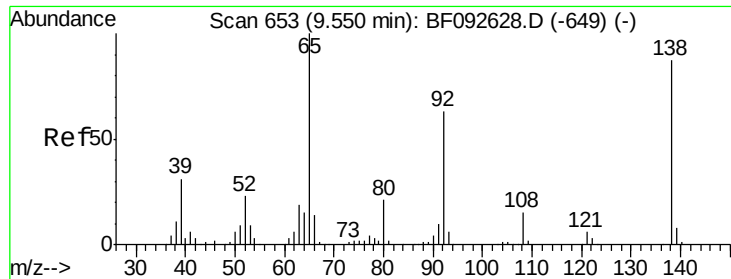


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

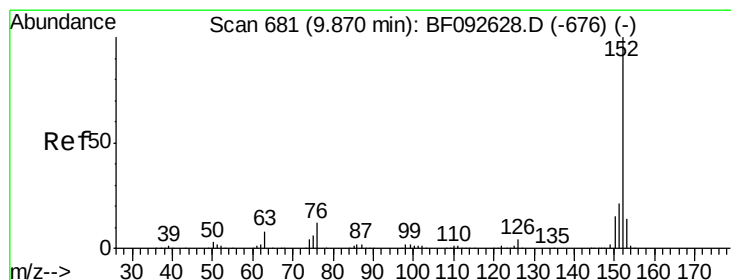
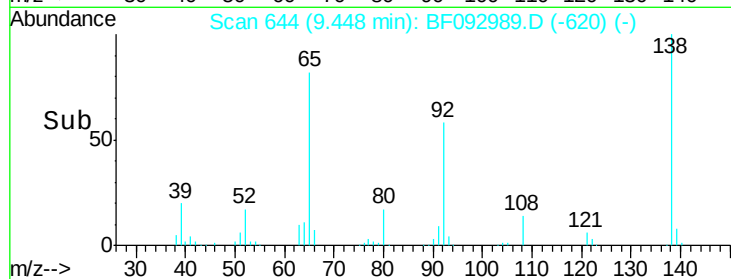
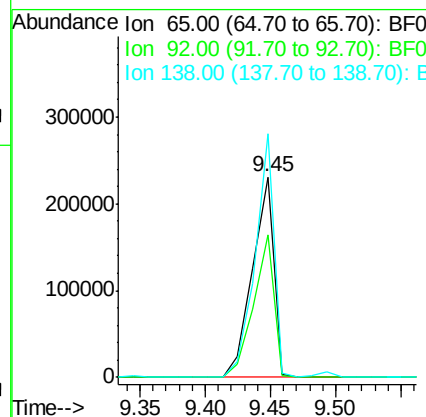
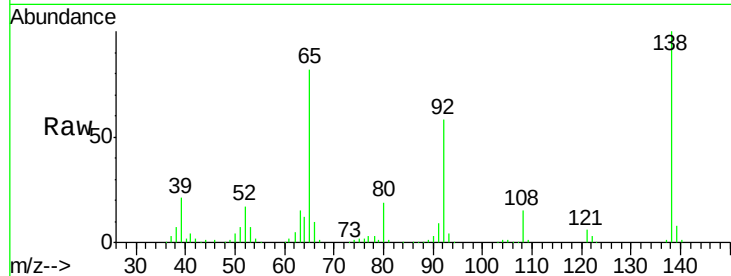




#47
2-Nitroaniline
Concen: 43.97 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

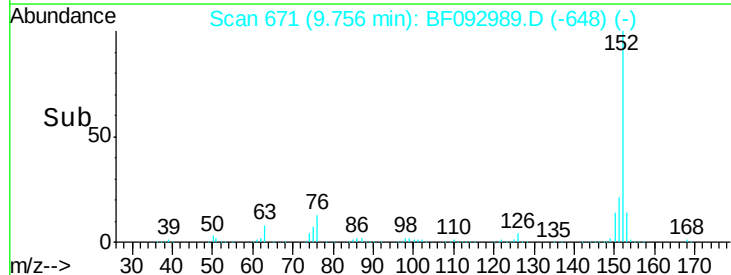
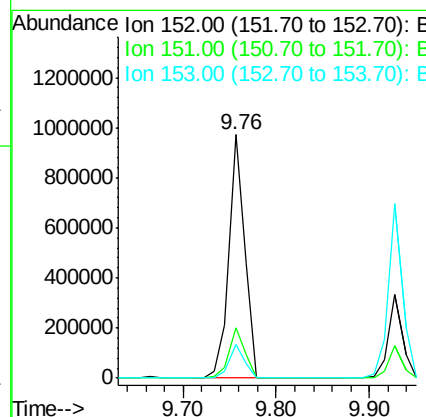
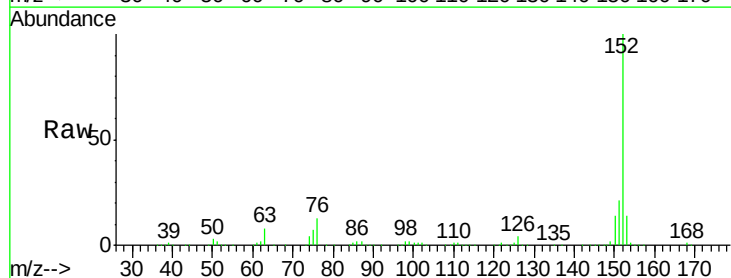
Instrument :
BNA_F
ClientSampleId :
PB96981BS

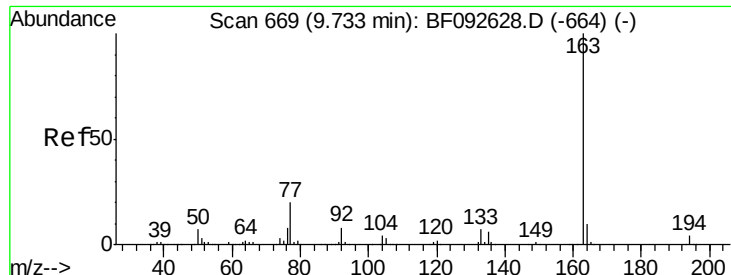
Tgt Ion: 65 Resp: 265270
Ion Ratio Lower Upper
65 100
92 70.9 53.9 80.9
138 121.4 76.8 115.2#



#48
Acenaphthylene
Concen: 37.06 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

Tgt Ion: 152 Resp: 1148878
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.6 11.4 17.2

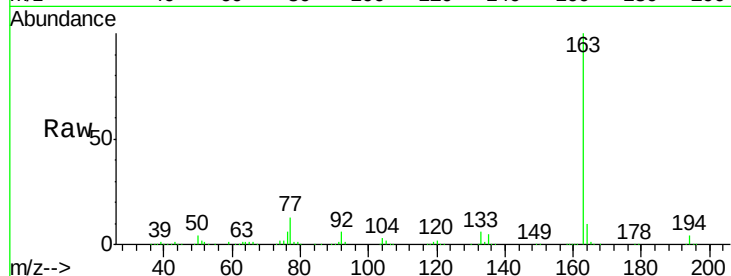




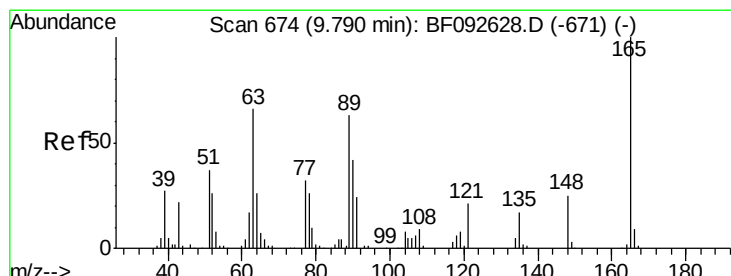
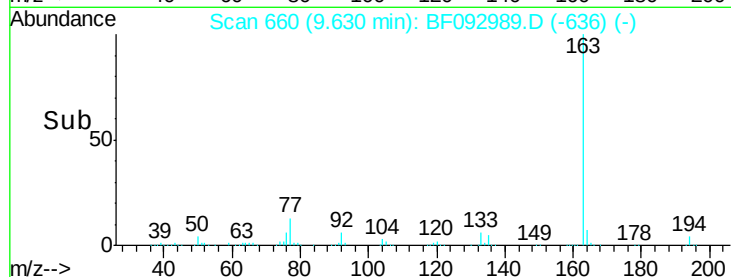
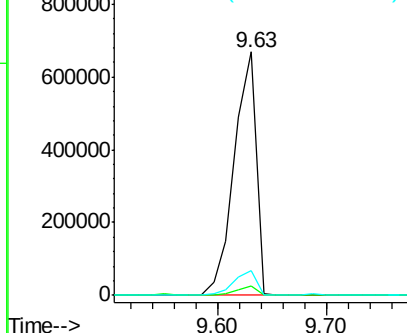
#49
Dimethylphthalate
Concen: 43.29 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB96981BS

Tgt Ion:163 Resp: 923746
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 9.9 8.0 12.0

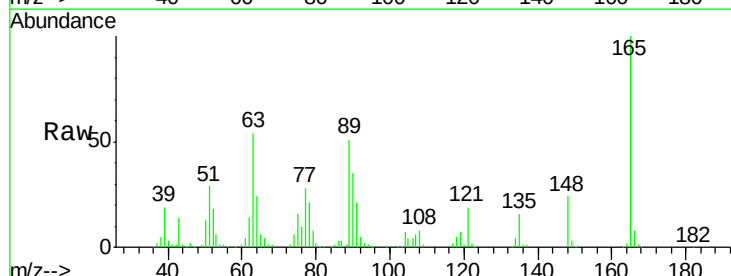


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

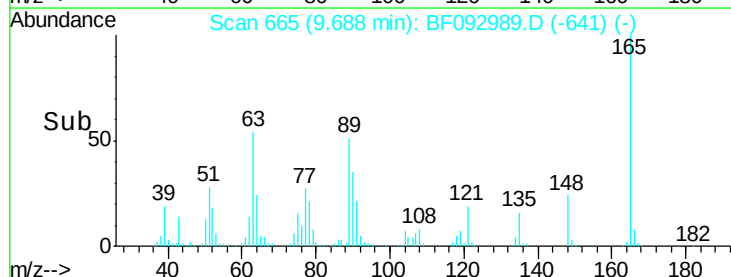
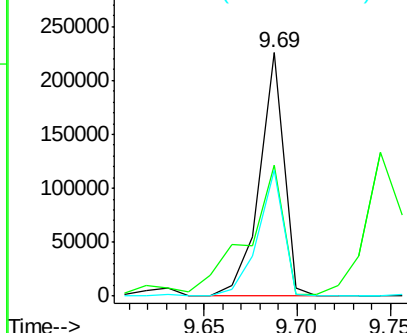


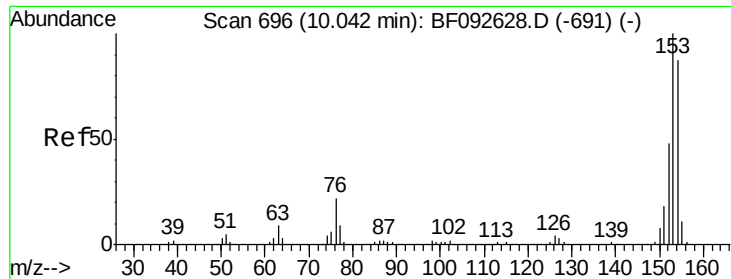
#50
2,6-Dinitrotoluene
Concen: 44.45 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.02 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

Tgt Ion:165 Resp: 204821
Ion Ratio Lower Upper
165 100
63 53.7 36.2 54.4
89 51.5 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: 40.60 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

Instrument :

BNA_F

ClientSampleId :

PB96981BS

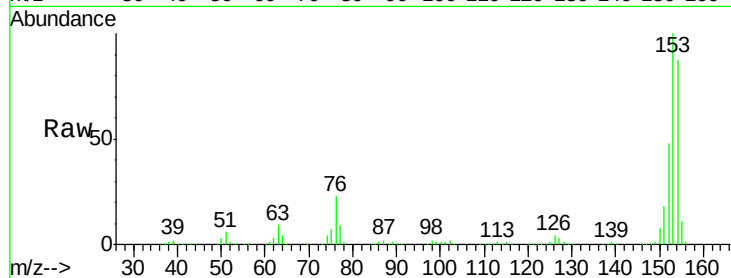
Tgt Ion:154 Resp: 752437

Ion Ratio Lower Upper

154 100

153 114.3 88.6 133.0

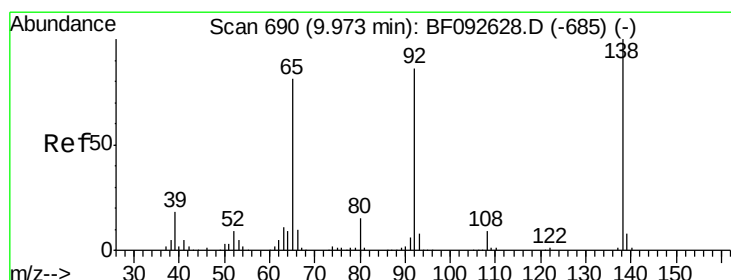
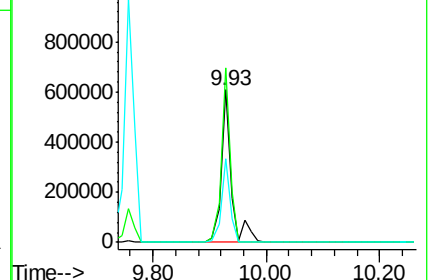
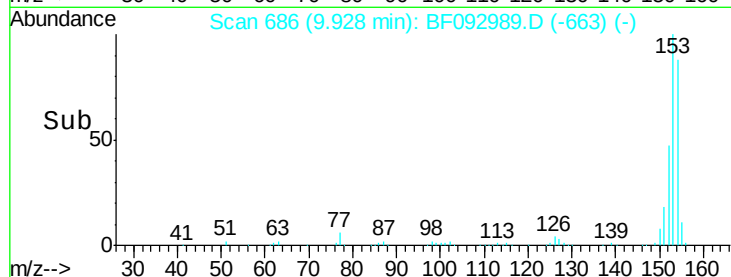
152 55.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.16 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

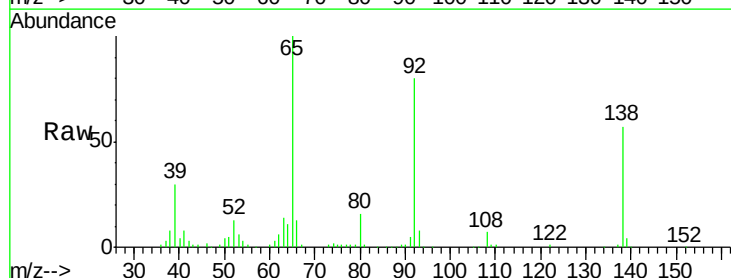
Tgt Ion:138 Resp: 90477

Ion Ratio Lower Upper

138 100

108 12.4 8.5 12.7

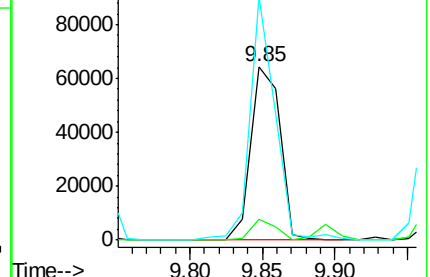
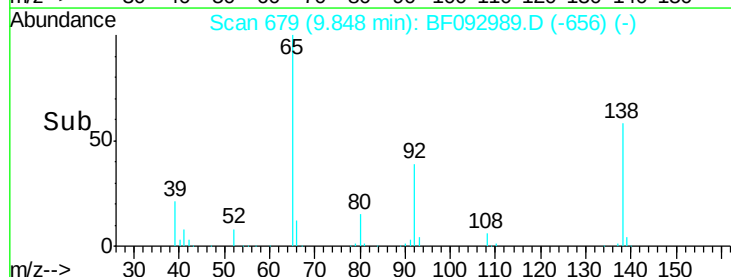
92 140.4 97.8 146.8

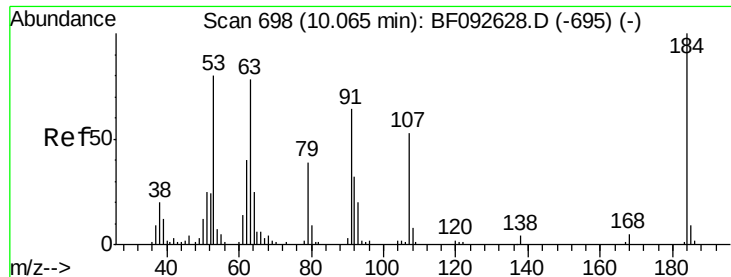


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

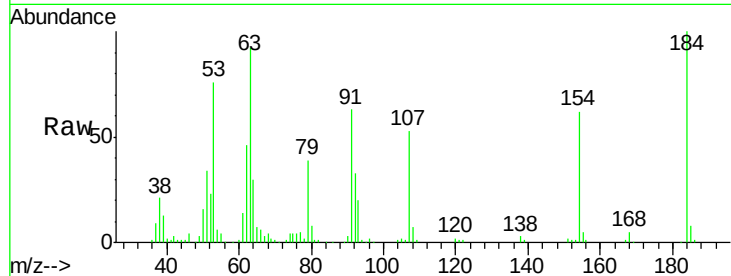




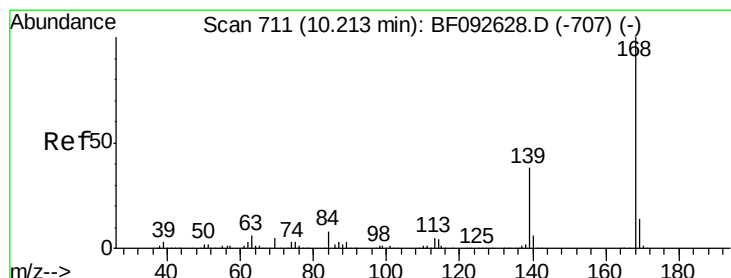
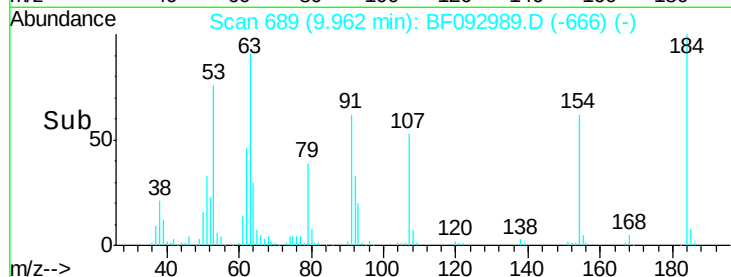
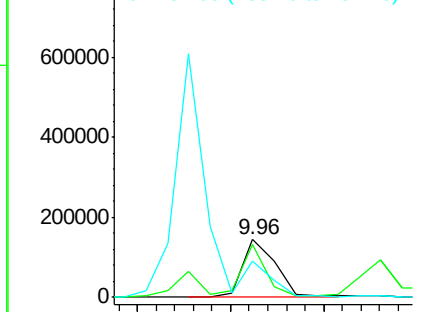
#53
 2,4-Dinitrophenol
 Concen: 76.80 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB96981BS

Tgt Ion:184 Resp: 179572
 Ion Ratio Lower Upper
 184 100
 63 92.0 28.4 42.6#
 154 61.9 44.3 66.5

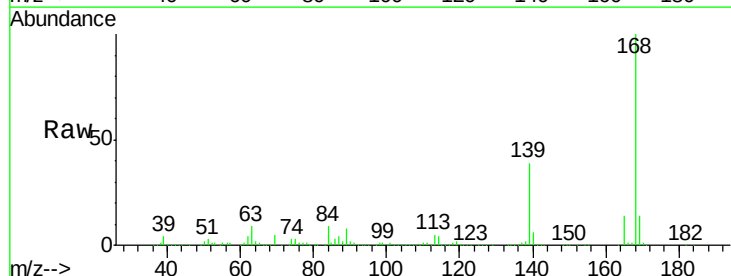


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

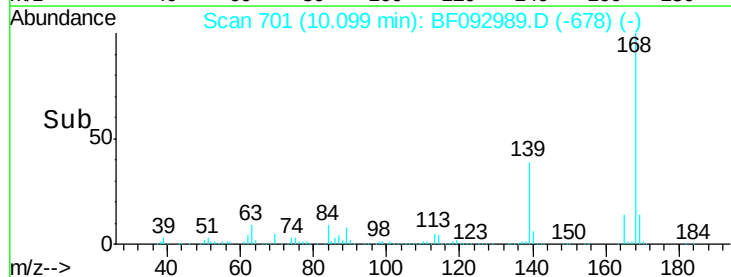
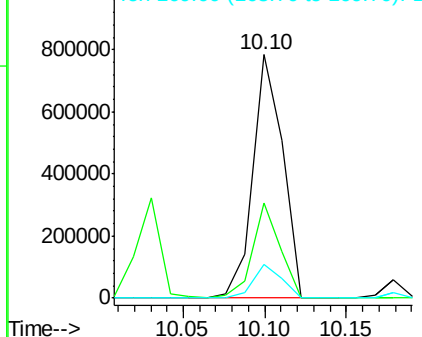


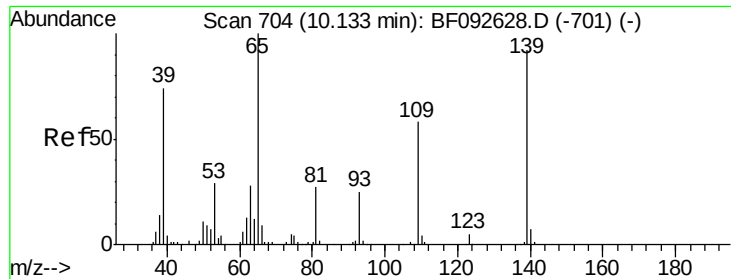
#54
 Dibenzofuran
 Concen: 40.18 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.03 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

Tgt Ion:168 Resp: 996125
 Ion Ratio Lower Upper
 168 100
 139 39.1 32.6 49.0
 169 13.9 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

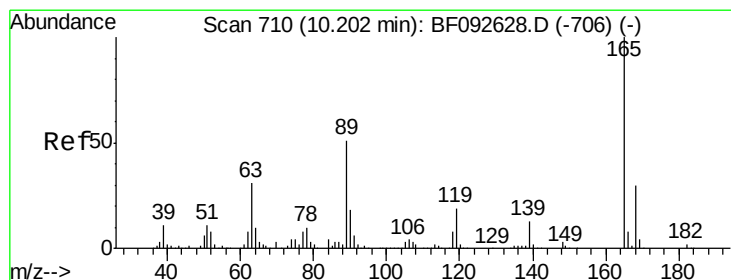
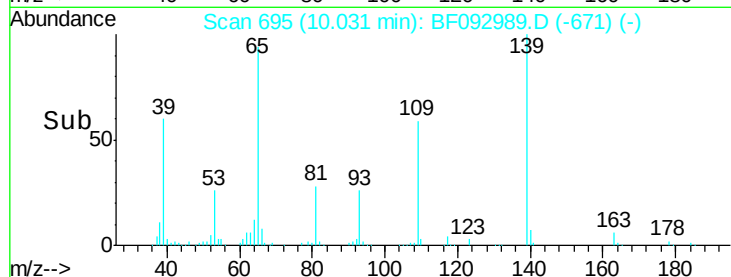
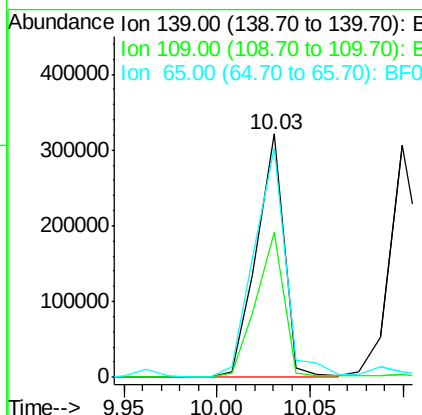
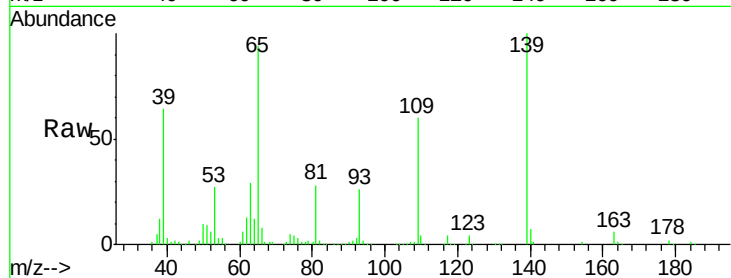




#55
4-Nitrophenol
Concen: 87.16 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

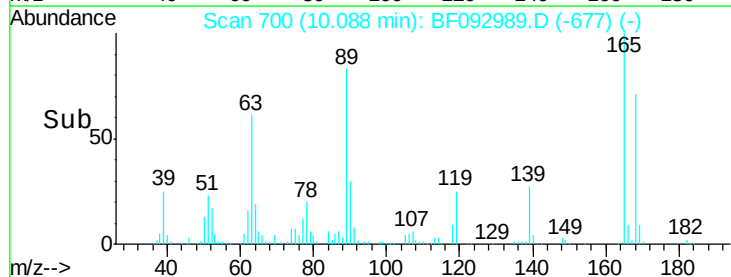
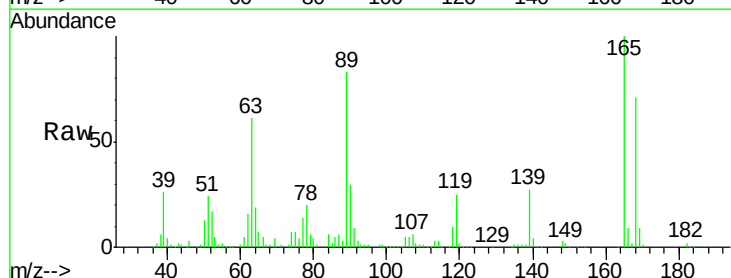
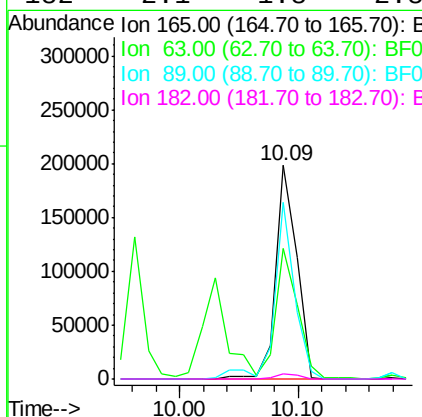
Instrument :
BNA_F
ClientSampleId :
PB96981BS

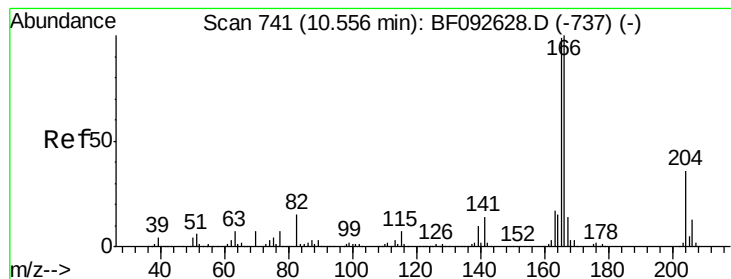
Tgt Ion:139 Resp: 331074
Ion Ratio Lower Upper
139 100
109 59.7 52.2 92.2
65 94.3 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 39.17 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.03 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

Tgt Ion:165 Resp: 240328
Ion Ratio Lower Upper
165 100
63 61.4 40.2 60.4#
89 82.7 62.5 93.7
182 2.1 1.8 2.8





#57

Fluorene

Concen: 38.51 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

Instrument :

BNA_F

ClientSampleId :

PB96981BS

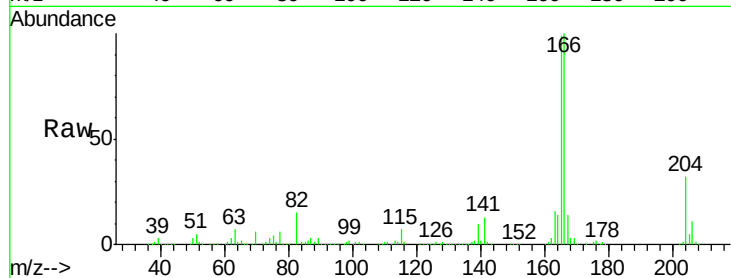
Tgt Ion:166 Resp: 734480

Ion Ratio Lower Upper

166 100

165 99.1 77.8 116.8

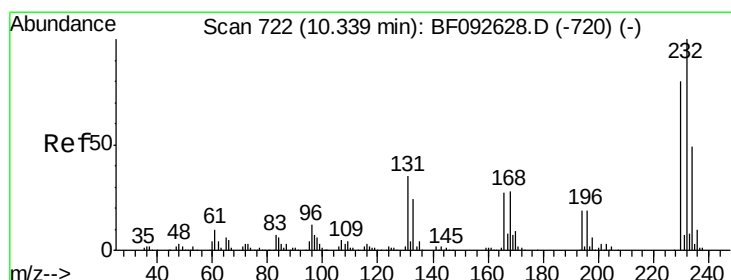
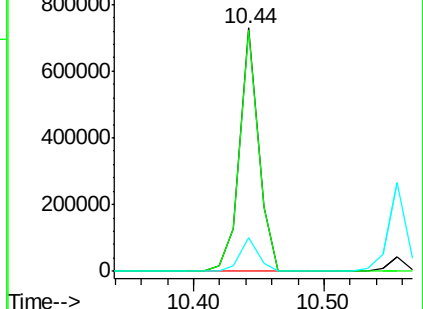
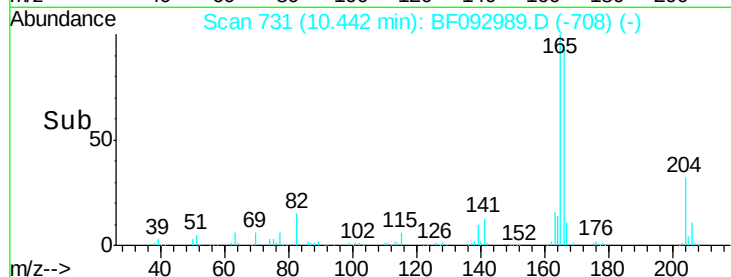
167 13.8 10.8 16.2



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: 49.15 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

Tgt Ion:232 Resp: 209914

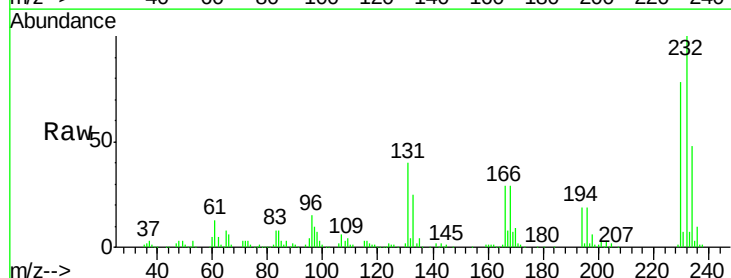
Ion Ratio Lower Upper

232 100

131 46.6 40.1 60.1

130 2.0 1.8 2.8

166 31.8 26.6 39.8

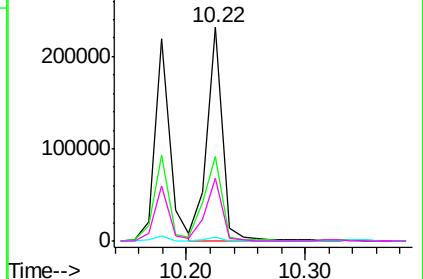
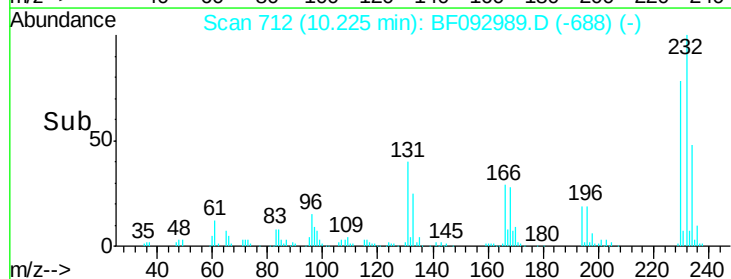


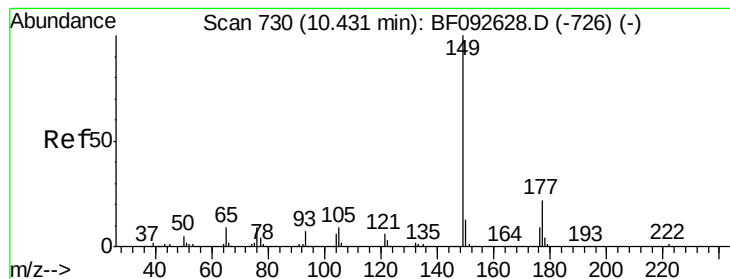
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.08 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

Instrument :

BNA_F

ClientSampleId :

PB96981BS

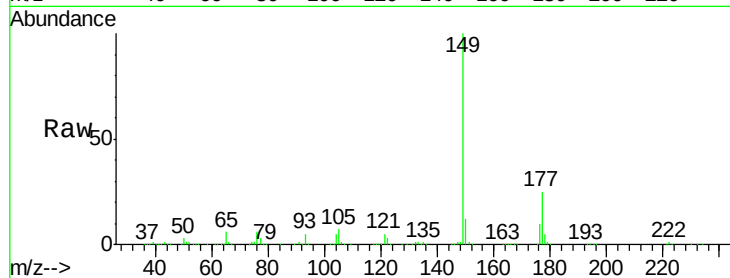
Tgt Ion:149 Resp: 866331

Ion Ratio Lower Upper

149 100

177 25.4 16.6 25.0#

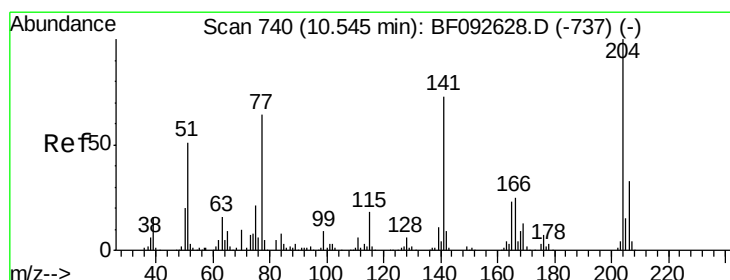
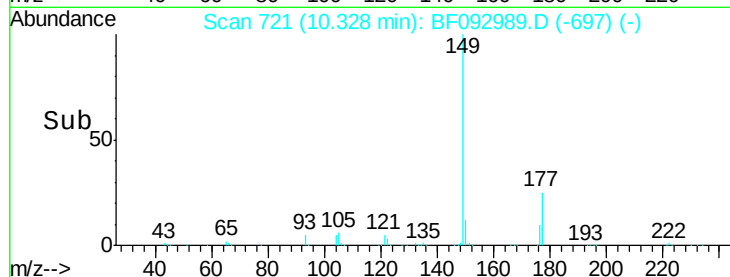
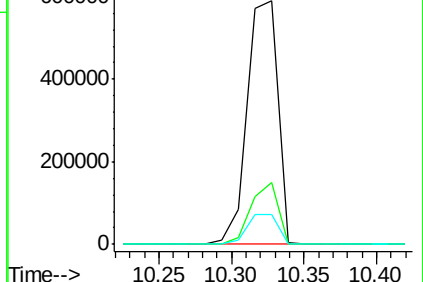
150 12.2 10.4 15.6



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: 37.45 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

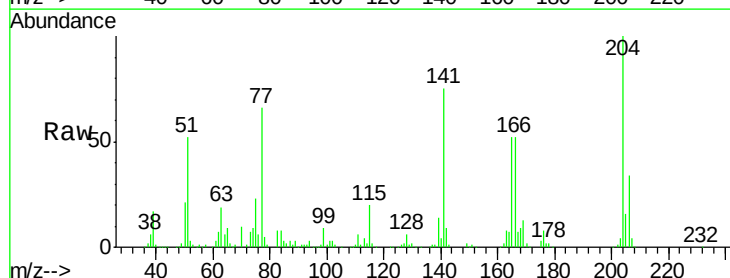
Tgt Ion:204 Resp: 343160

Ion Ratio Lower Upper

204 100

206 33.7 25.8 38.6

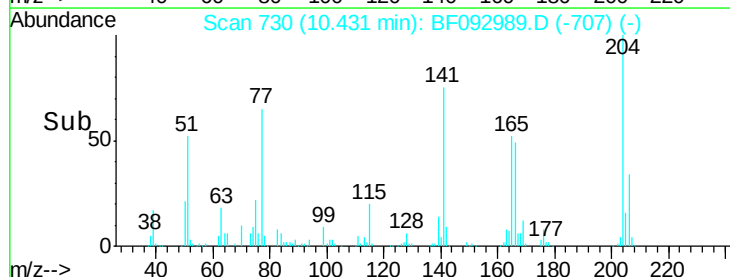
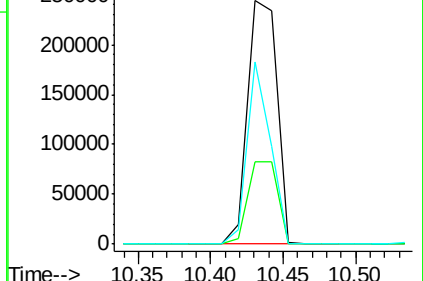
141 74.9 59.4 89.0

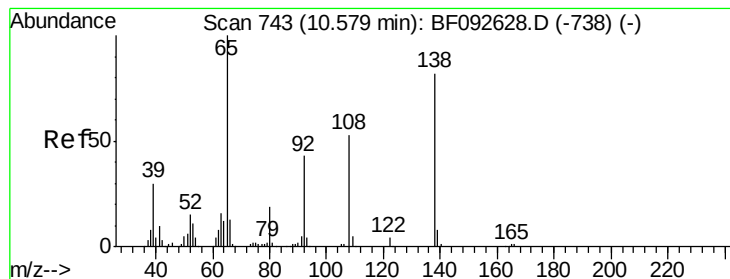


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

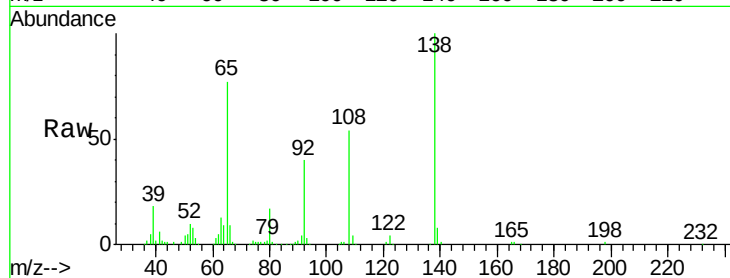




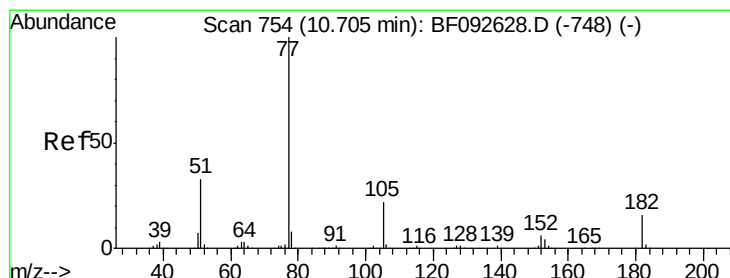
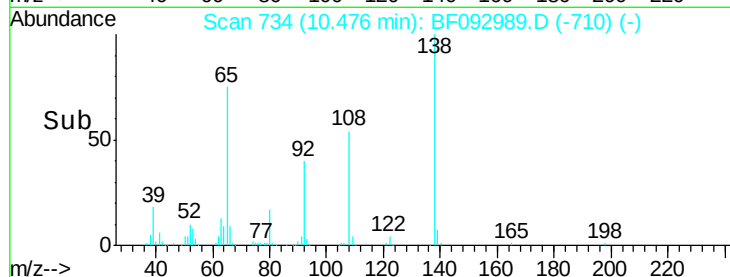
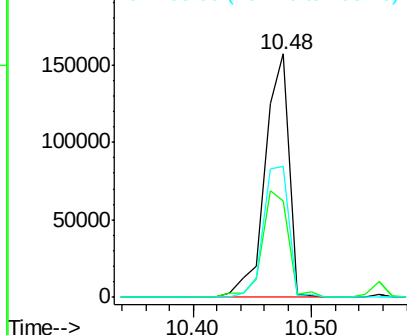
#61
4-Nitroaniline
Concen: 40.75 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB96981BS

Tgt Ion: 138 Resp: 220112
Ion Ratio Lower Upper
138 100
92 39.8 31.7 71.7
108 53.9 52.6 92.6

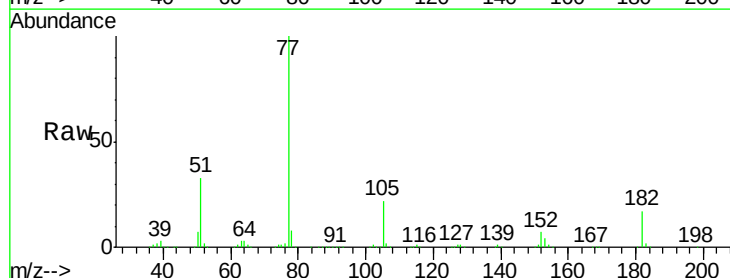


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

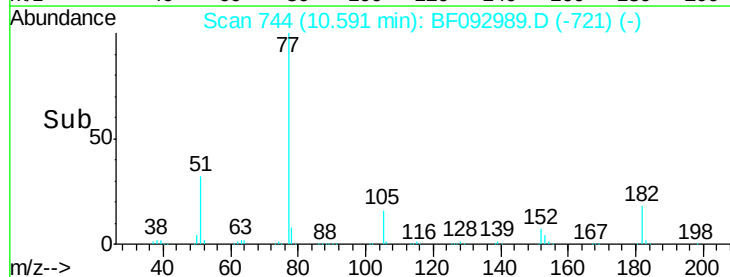
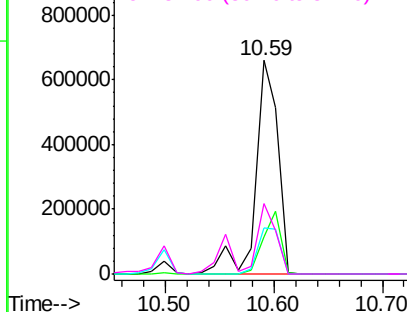


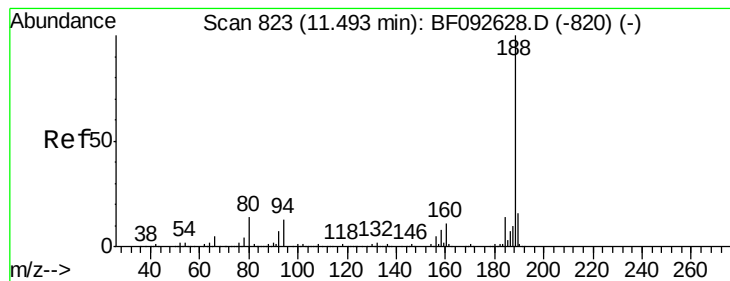
#62
Azobenzene
Concen: 45.63 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

Tgt Ion: 77 Resp: 948077
Ion Ratio Lower Upper
77 100
182 17.3 0.0 39.3
105 21.6 2.3 42.3
51 33.0 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: 11.38 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

Instrument :

BNA_F

ClientSampleId :

PB96981BS

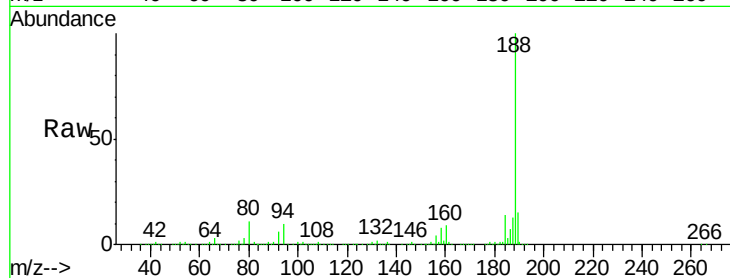
Tgt Ion:188 Resp: 561564

Ion Ratio Lower Upper

188 100

94 10.3 10.0 15.0

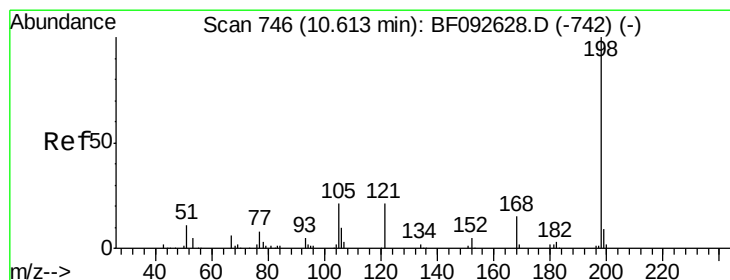
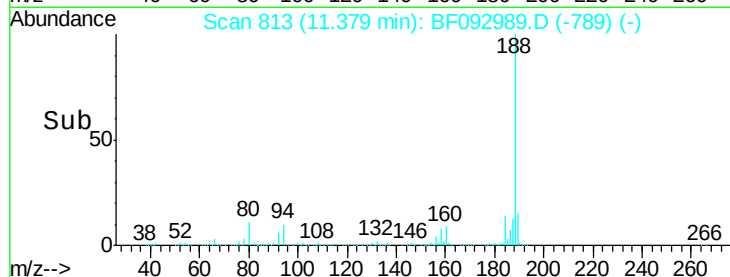
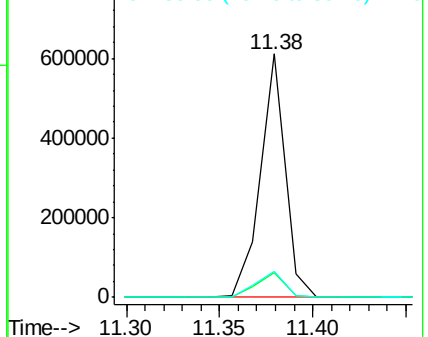
80 10.7 11.2 16.8#



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: 42.03 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

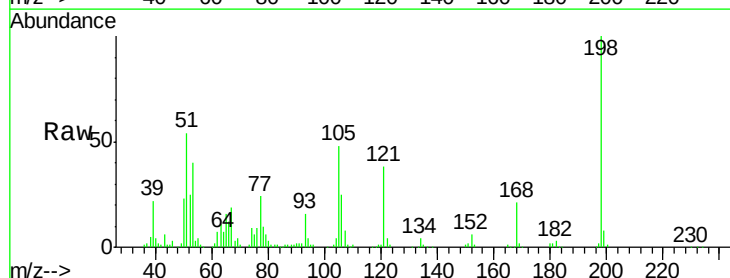
Tgt Ion:198 Resp: 142460

Ion Ratio Lower Upper

198 100

51 53.6 6.7 46.7#

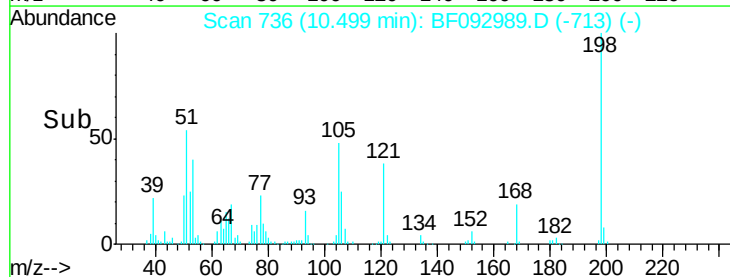
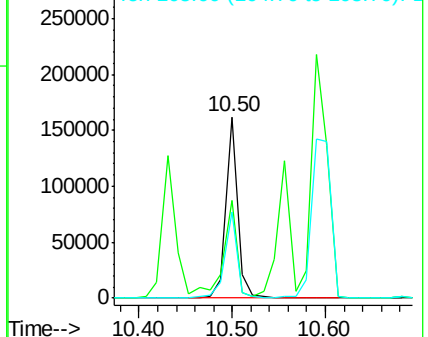
105 47.6 16.6 56.6

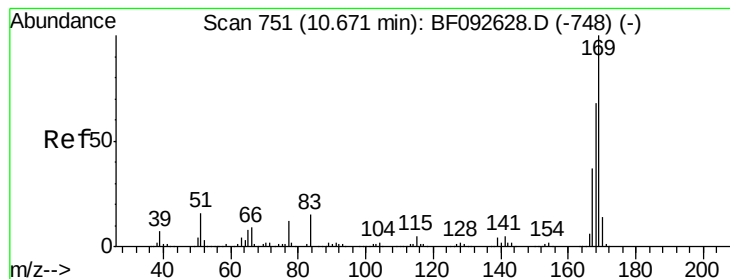


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.81 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

Instrument :

BNA_F

ClientSampleId :

PB96981BS

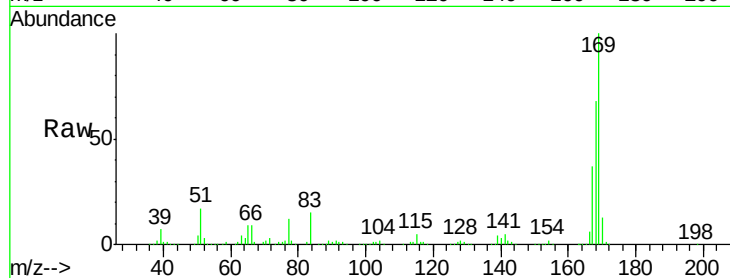
Tgt Ion:169 Resp: 678275

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.2

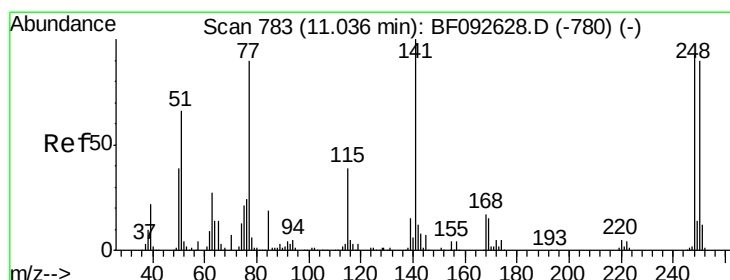
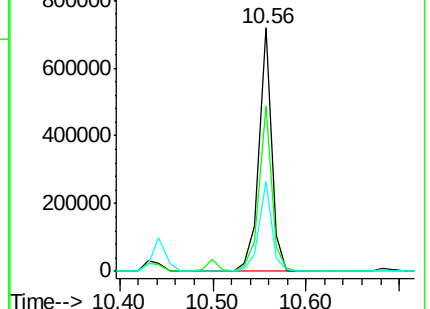
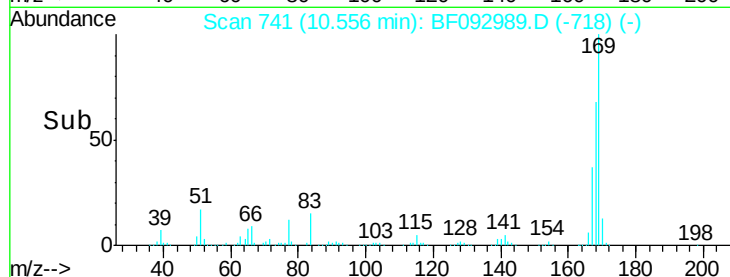
167 37.0 30.2 45.4



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: 36.02 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.03 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

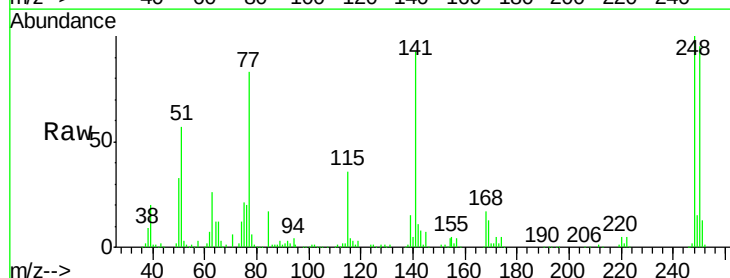
Tgt Ion:248 Resp: 211308

Ion Ratio Lower Upper

248 100

250 95.2 76.9 115.3

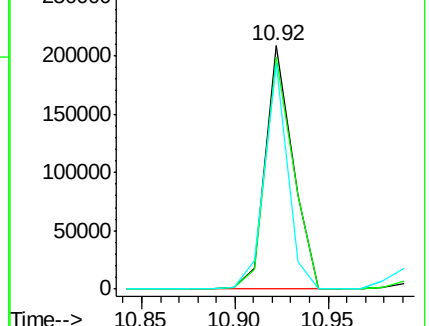
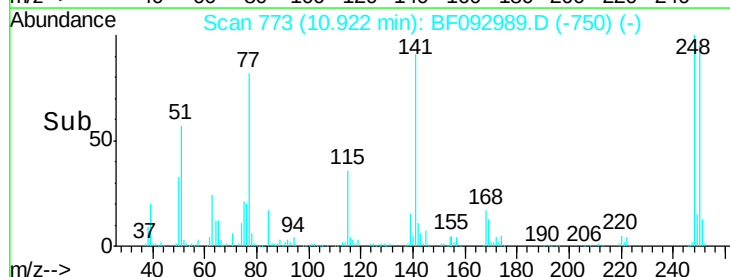
141 92.6 68.2 102.4

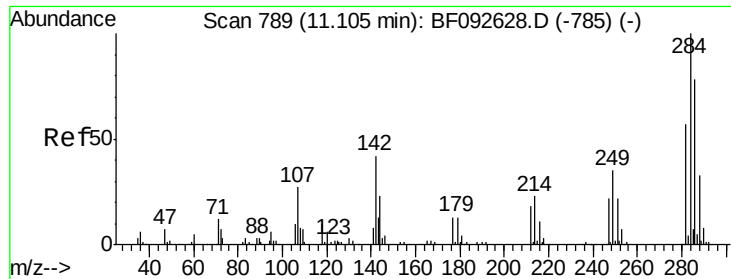


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

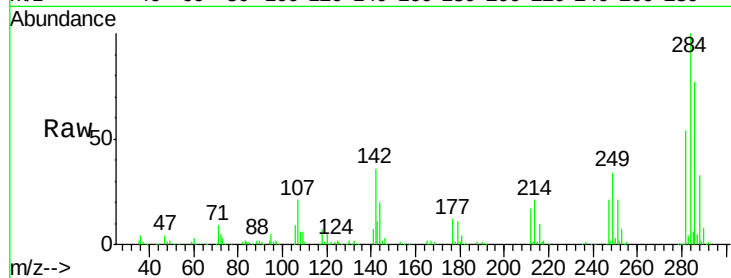




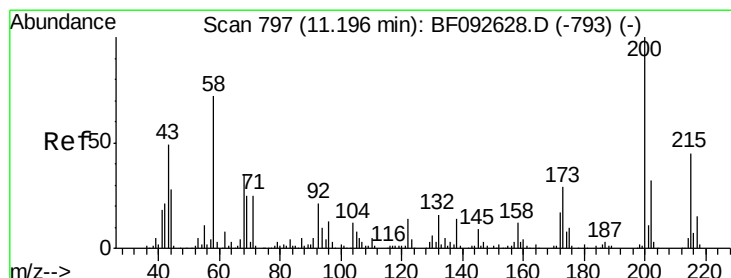
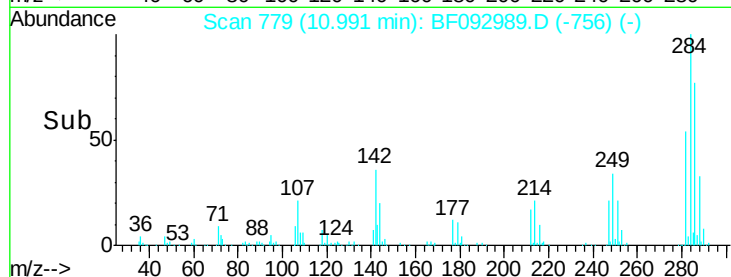
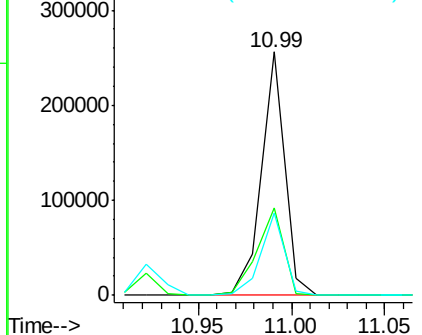
#67
Hexachlorobenzene
Concen: 38.10 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB96981BS

Tgt Ion: 284 Resp: 220923
Ion Ratio Lower Upper
284 100
142 36.0 22.6 33.8#
249 33.6 25.4 38.0

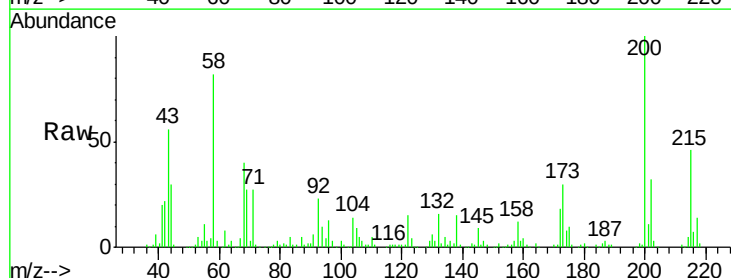


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

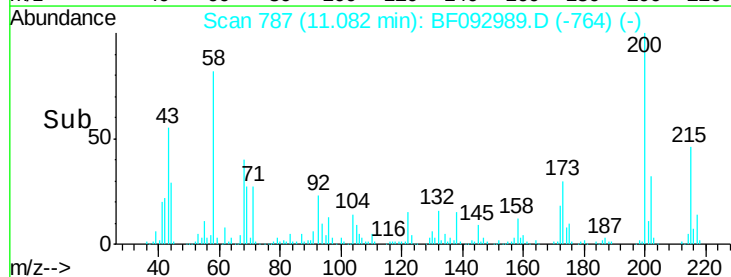
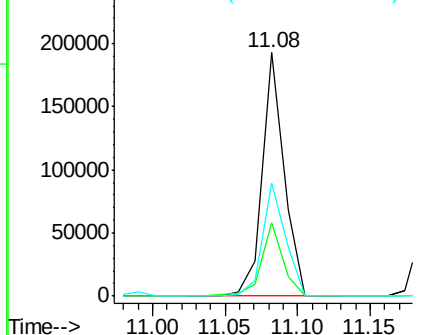


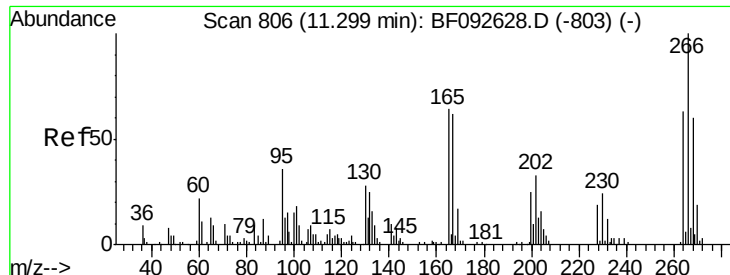
#68
Atrazine
Concen: 35.00 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

Tgt Ion: 200 Resp: 201486
Ion Ratio Lower Upper
200 100
173 29.9 9.6 49.6
215 46.4 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

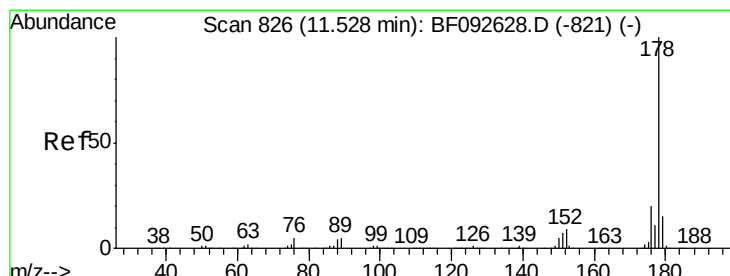
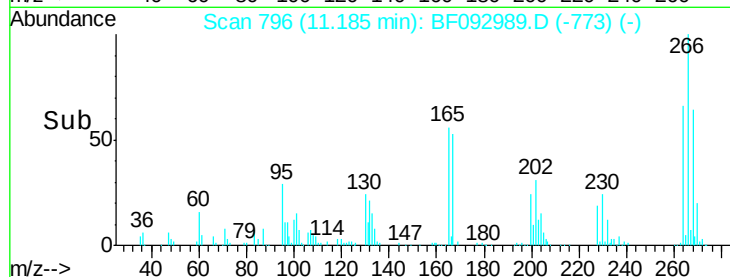
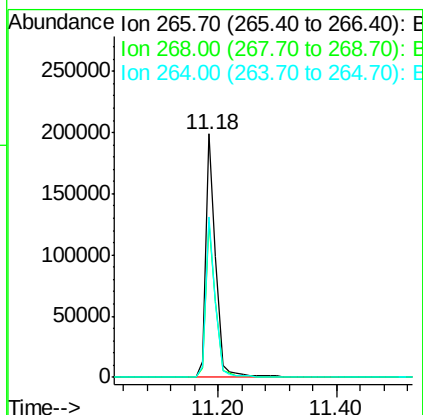
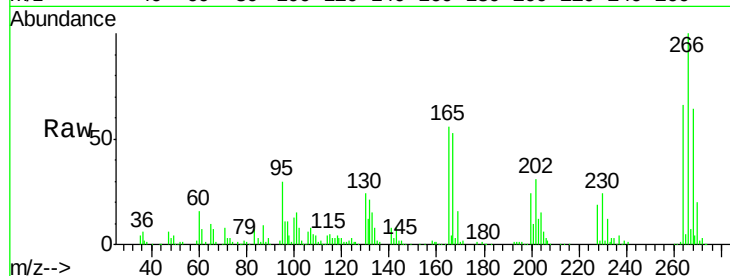




#69
 Pentachlorophenol
 Concen: 78.37 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

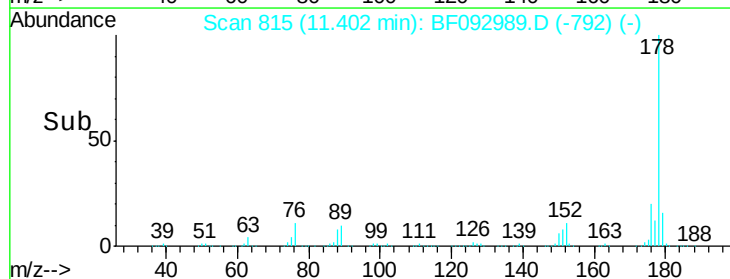
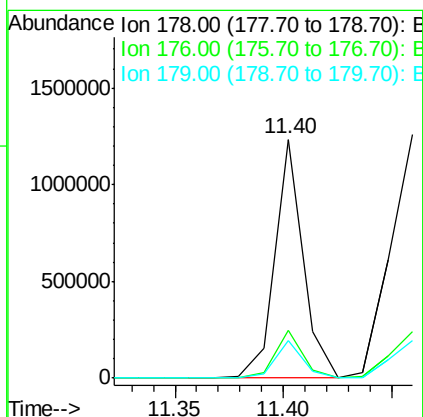
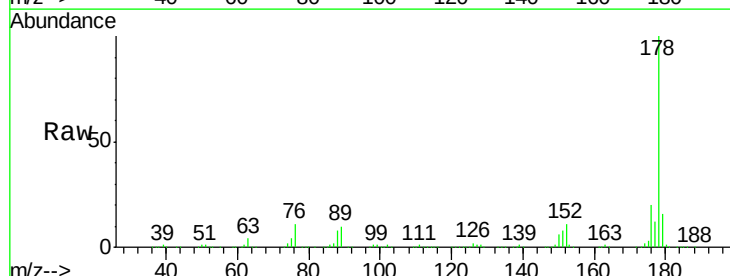
Instrument :
 BNA_F
 ClientSampleId :
 PB96981BS

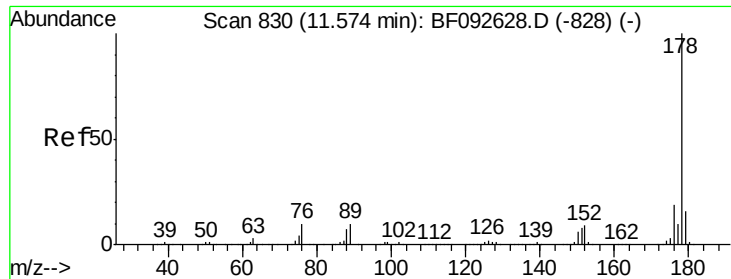
Tgt Ion: 266 Resp: 234075
 Ion Ratio Lower Upper
 266 100
 268 63.6 53.3 79.9
 264 65.9 50.3 75.5



#70
 Phenanthrene
 Concen: 35.03 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

Tgt Ion: 178 Resp: 1127082
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.6 25.0
 179 15.7 12.8 19.2

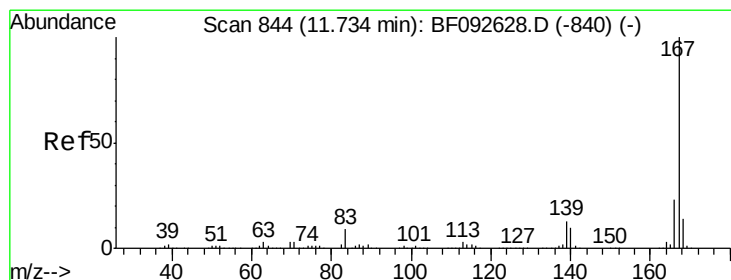
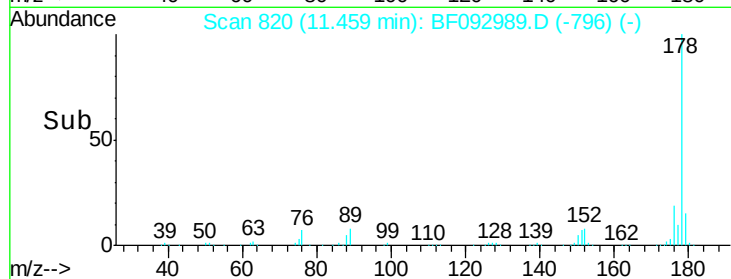
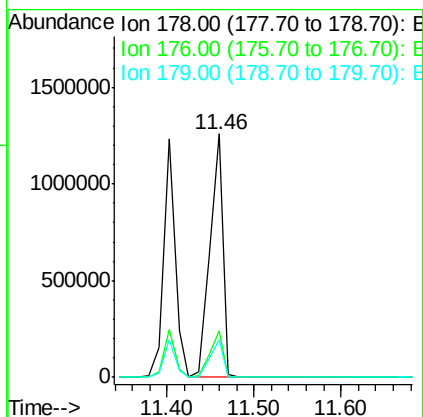
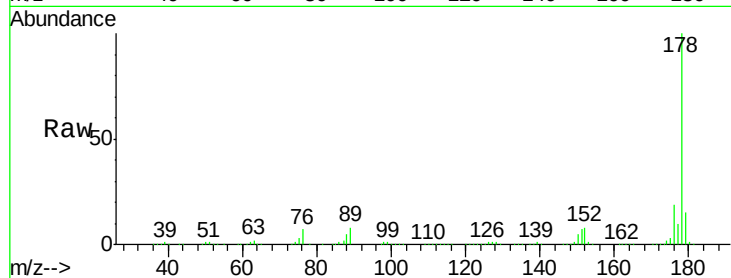




#71
 Anthracene
 Concen: 40.86 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

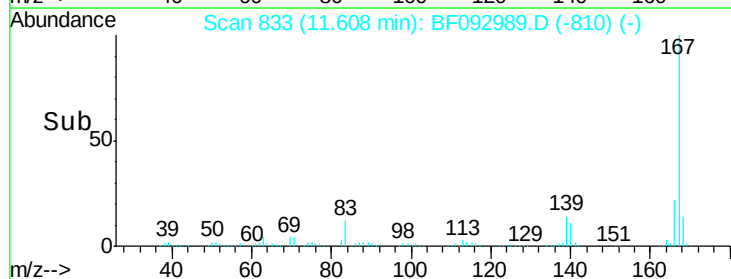
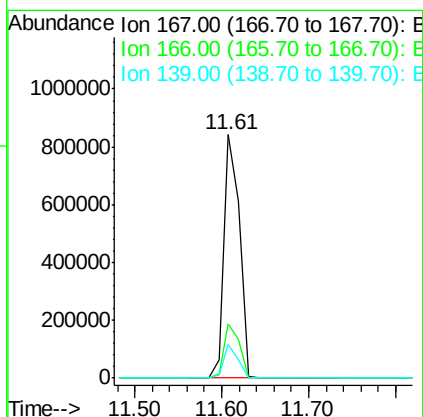
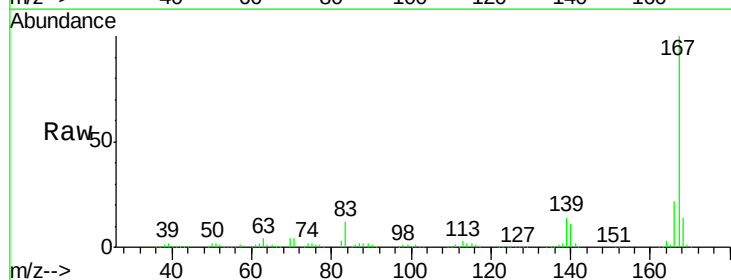
Instrument :
 BNA_F
 ClientSampleId :
 PB96981BS

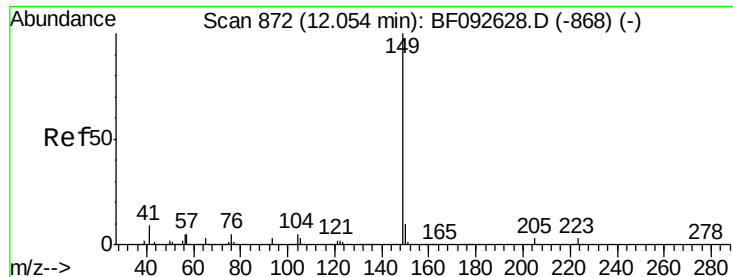
Tgt Ion:178 Resp: 1320242
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.9 23.9
 179 15.4 13.2 19.8



#72
 Carbazole
 Concen: 34.10 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.03 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

Tgt Ion:167 Resp: 1053189
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 14.1 11.4 17.2





#73

Di-n-butylphthalate

Concen: 38.88 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.03 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

Instrument :

BNA_F

ClientSampleId :

PB96981BS

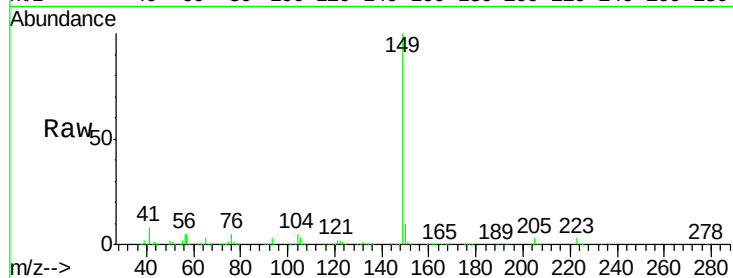
Tgt Ion:149 Resp: 1298684

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

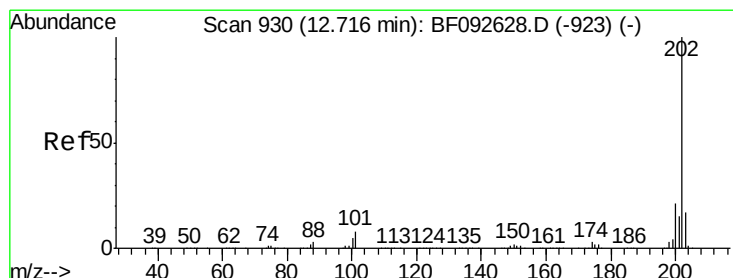
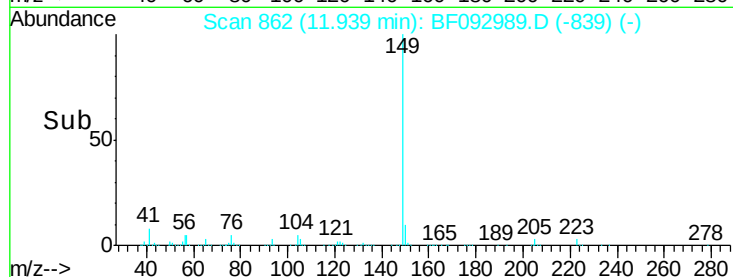
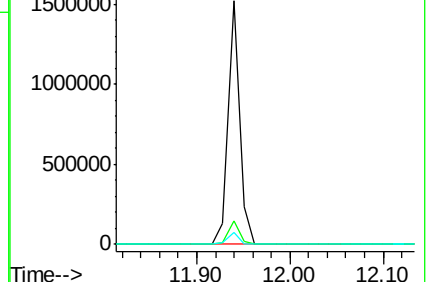
104 4.7 4.6 7.0



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: 37.12 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

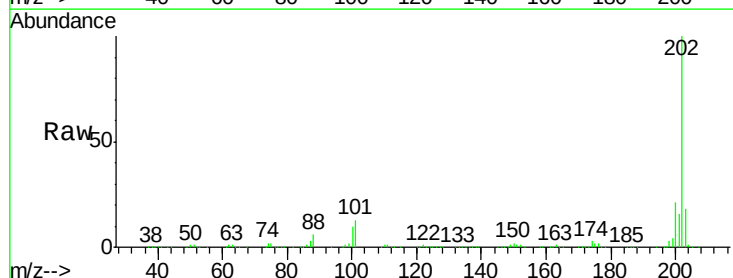
Tgt Ion:202 Resp: 1231741

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.6

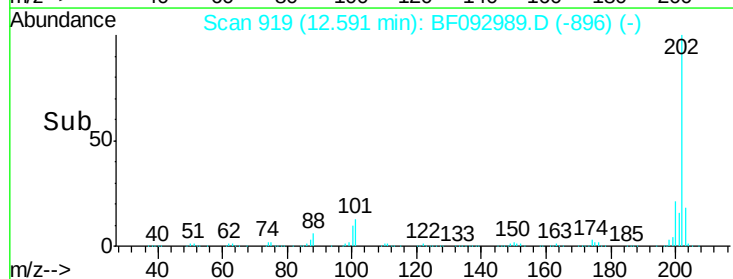
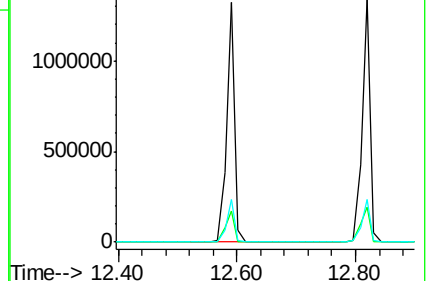
203 17.9 0.0 38.7

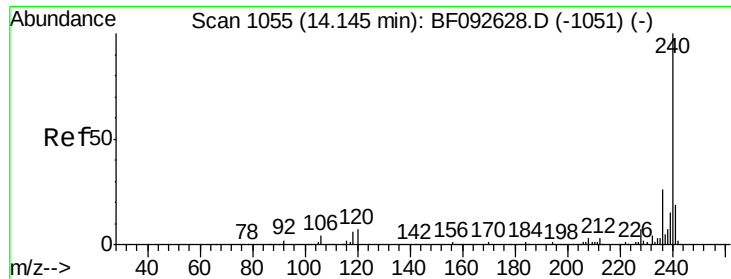


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

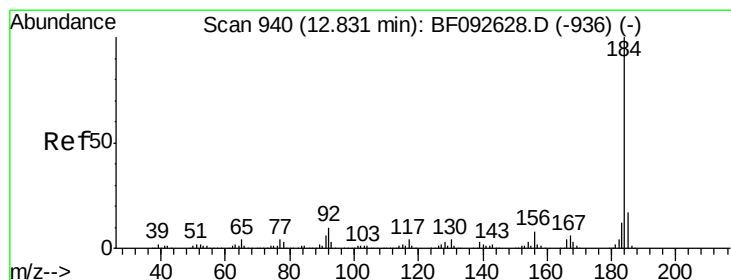
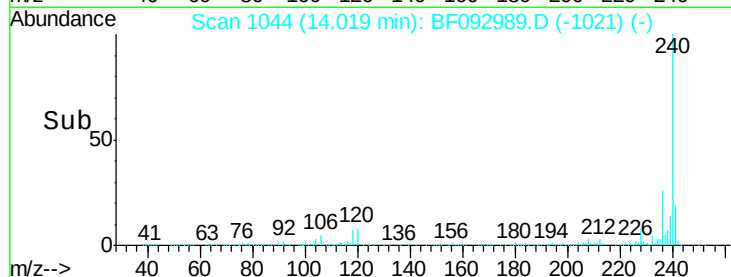
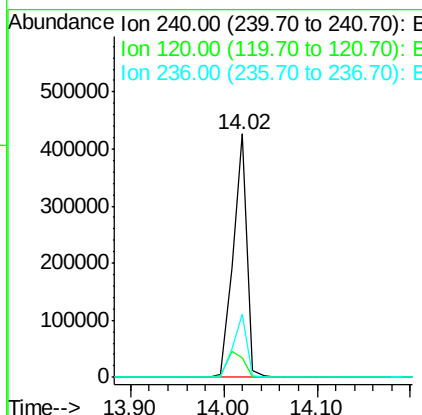
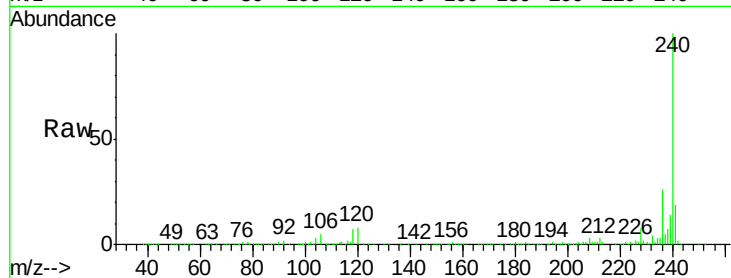




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.03 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

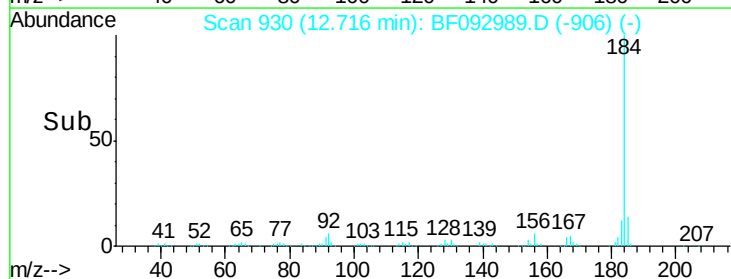
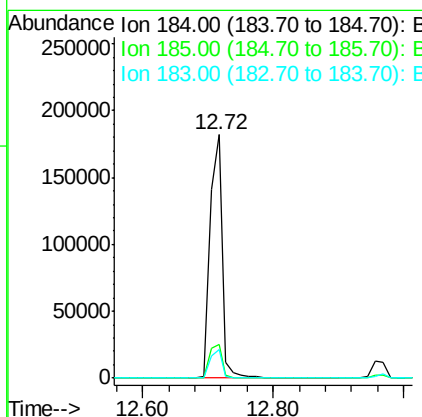
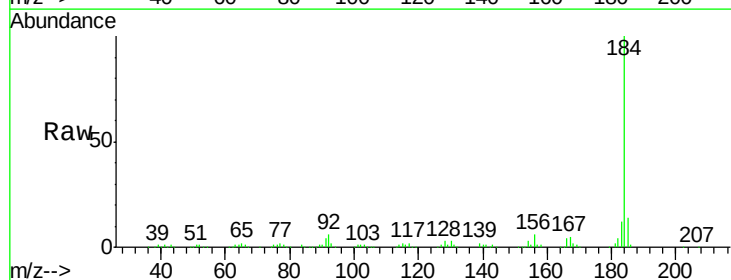
Instrument :
 BNA_F
 ClientSampleId :
 PB96981BS

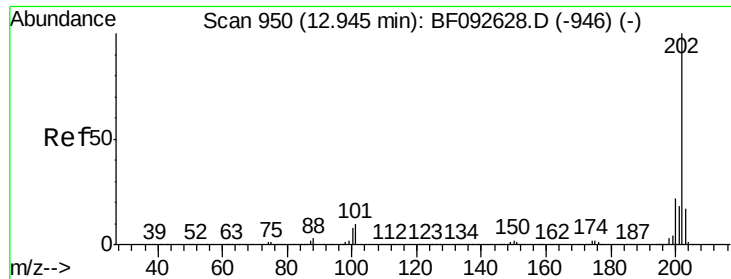
Tgt Ion:240 Resp: 440551
 Ion Ratio Lower Upper
 240 100
 120 8.0 12.9 19.3#
 236 25.8 20.9 31.3



#76
 Benzidine
 Concen: 12.78 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.02 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

Tgt Ion:184 Resp: 240010
 Ion Ratio Lower Upper
 184 100
 185 14.0 13.4 20.0
 183 11.7 9.2 13.8

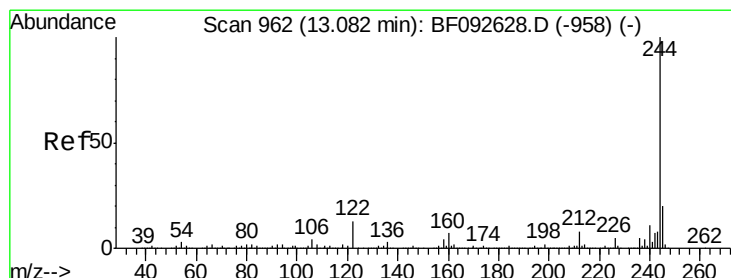
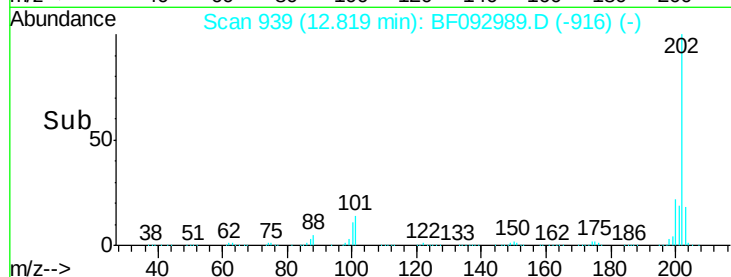
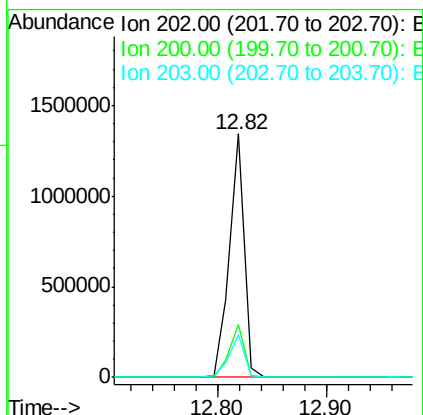
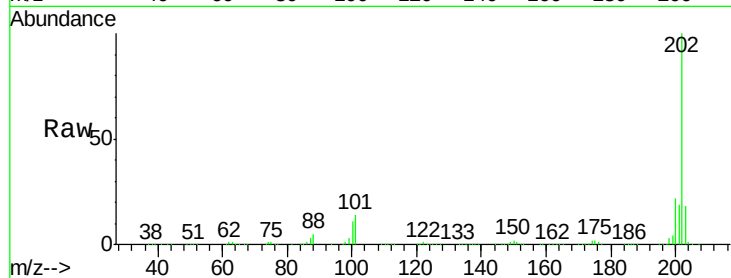




#77
 Pyrene
 Concen: 38.42 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.03 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

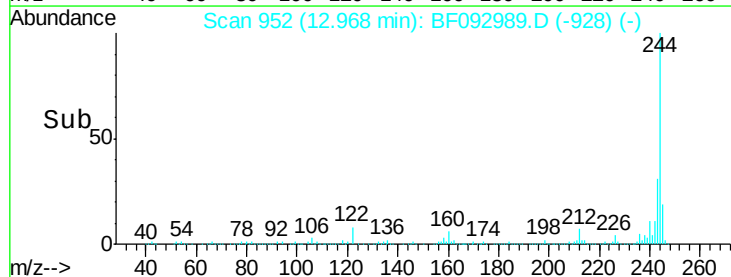
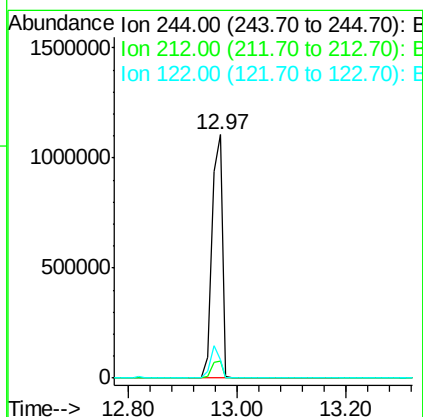
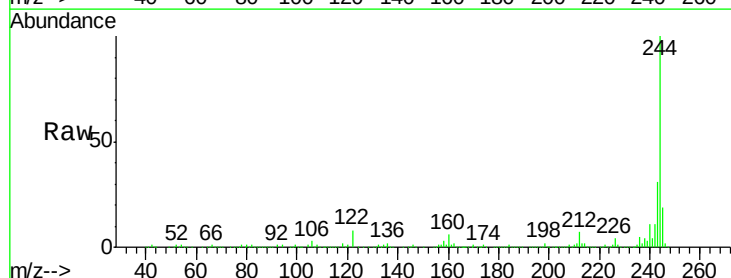
Instrument :
 BNA_F
 ClientSampleId :
 PB96981BS

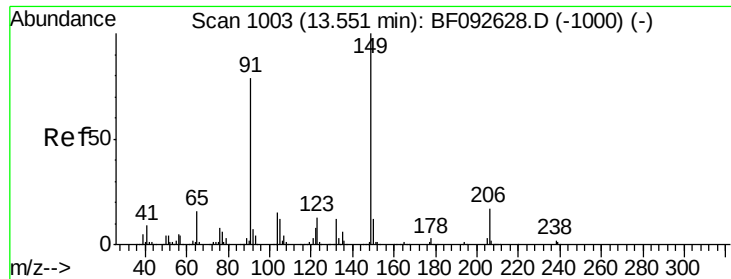
Tgt Ion: 202 Resp: 1266719
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.7 26.5
 203 17.7 14.7 22.1



#78
 Terphenyl-d14
 Concen: 79.25 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.02 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

Tgt Ion: 244 Resp: 1485866
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 7.7 11.4 17.2#

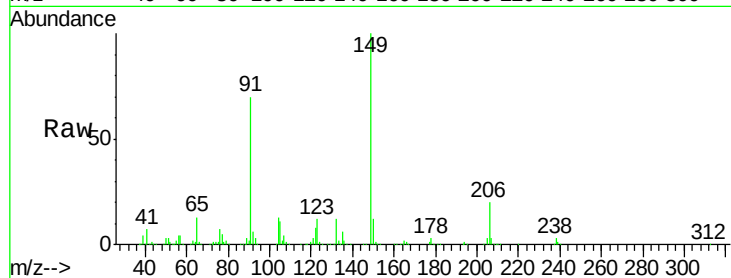




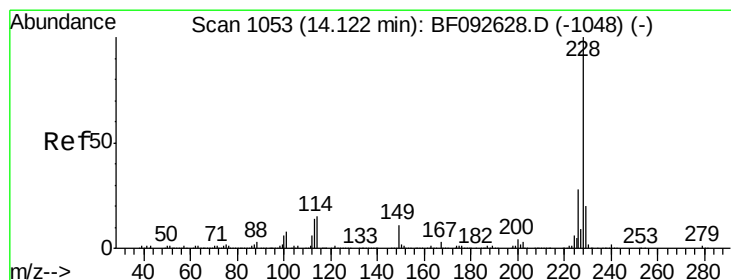
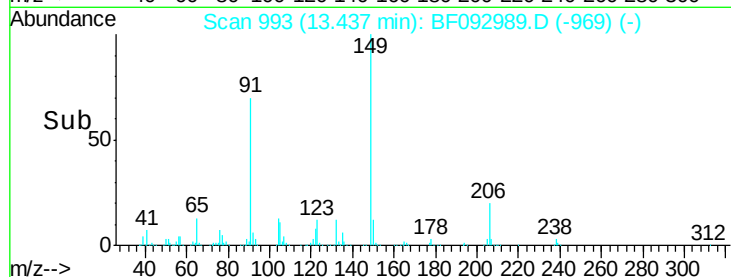
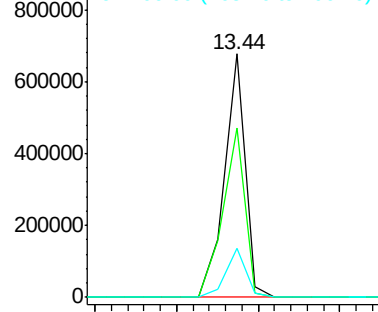
#79
Butylbenzylphthalate
Concen: 44.81 ng
RT: 13.44 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

Instrument :
BNA_F
ClientSampleId :
PB96981BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.6	63.9	95.9
206	19.9	14.6	21.8

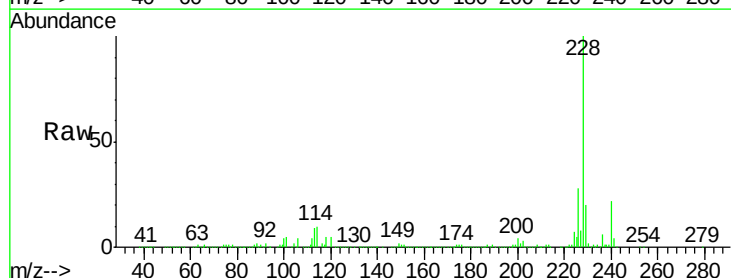


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

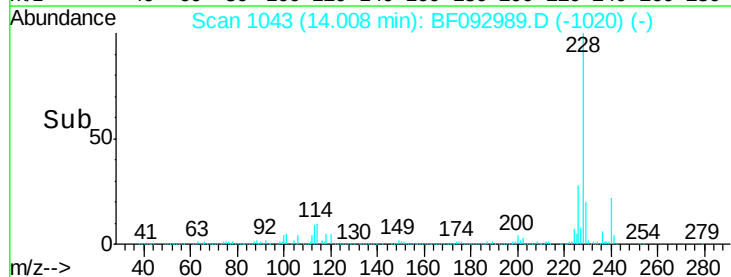
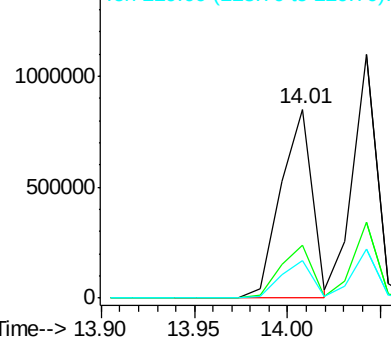


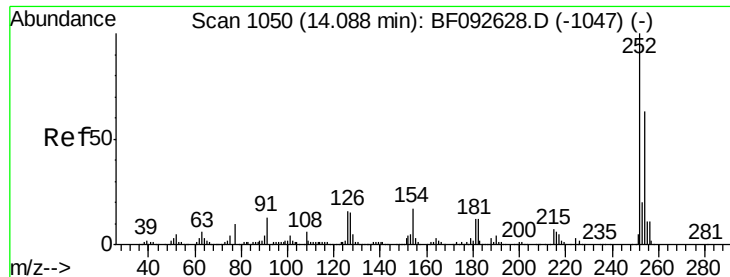
#80
Benzo(a)anthracene
Concen: 37.17 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF092989.D
Acq: 16 Feb 2017 19:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	19.7	16.2	24.4



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

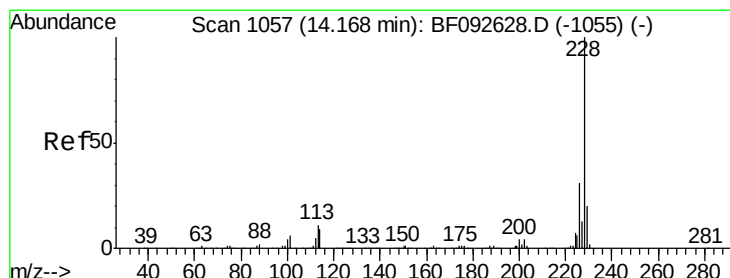
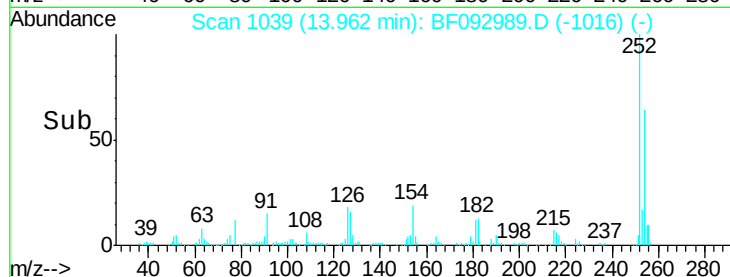
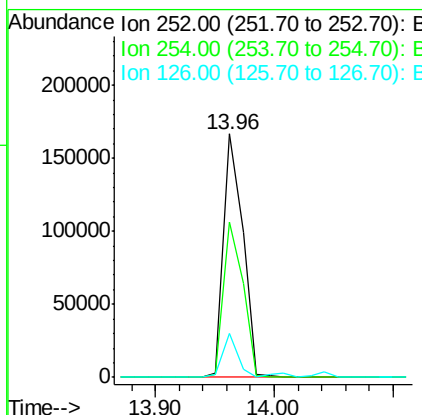
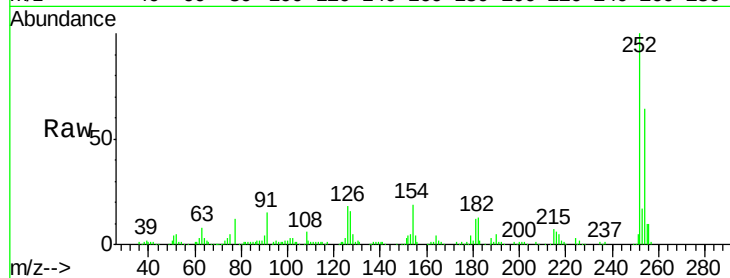




#81
 3,3'-Dichlorobenzidine
 Concen: 19.51 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.03 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

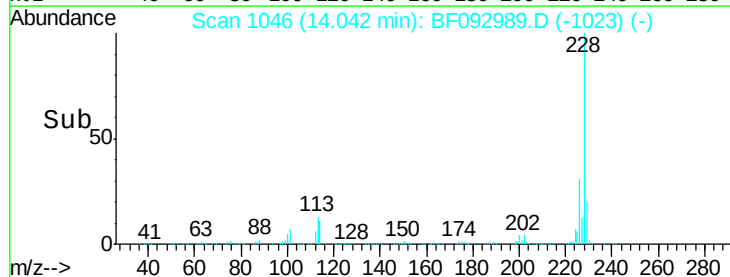
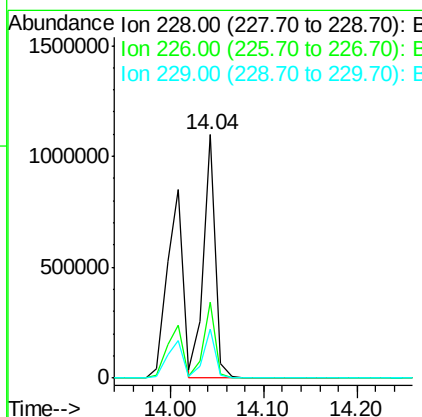
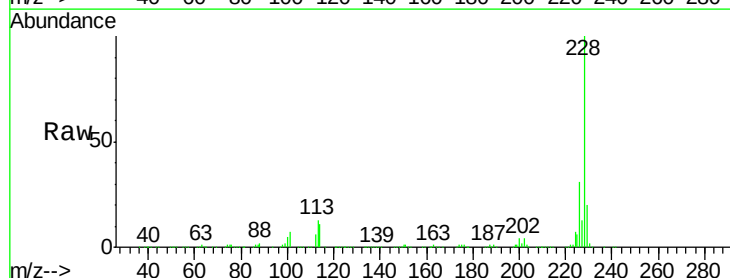
Instrument :
 BNA_F
 ClientSampleId :
 PB96981BS

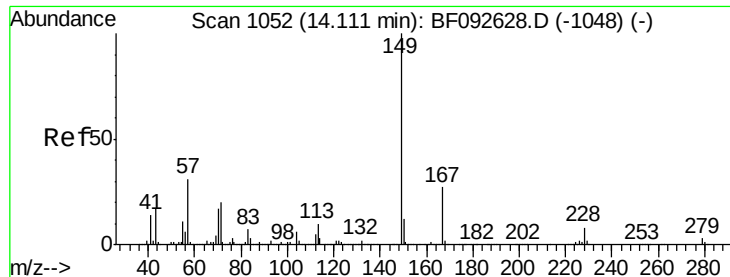
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.3	78.5
126	17.8	13.6	20.4



#82
 Chrysene
 Concen: 38.97 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.0
229	20.2	16.2	24.2

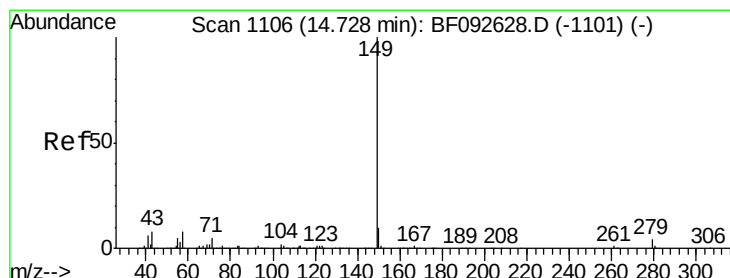
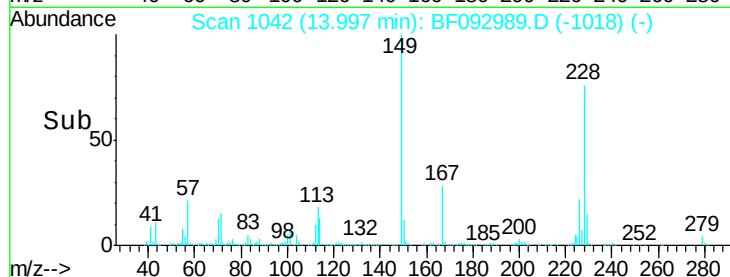
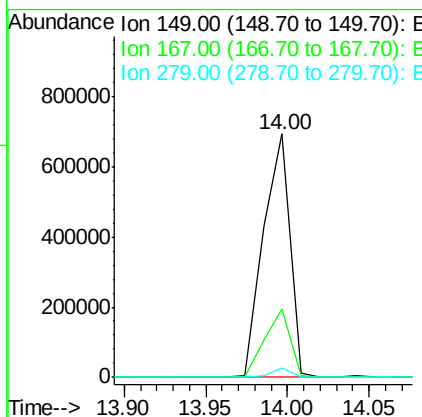
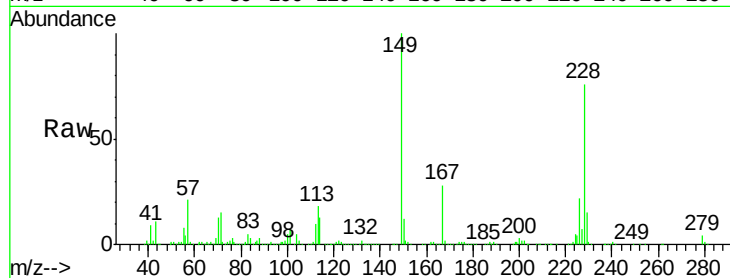




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.06 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

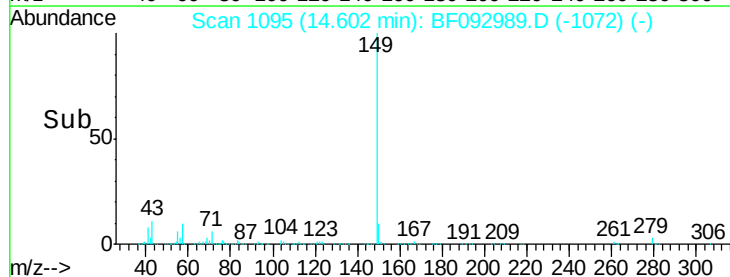
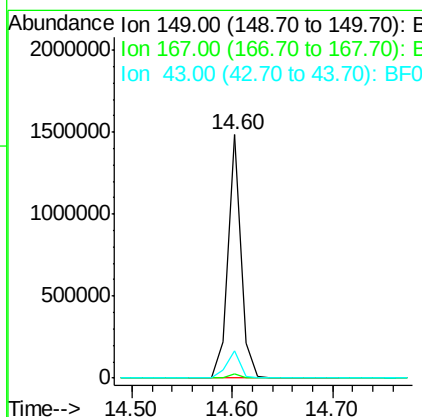
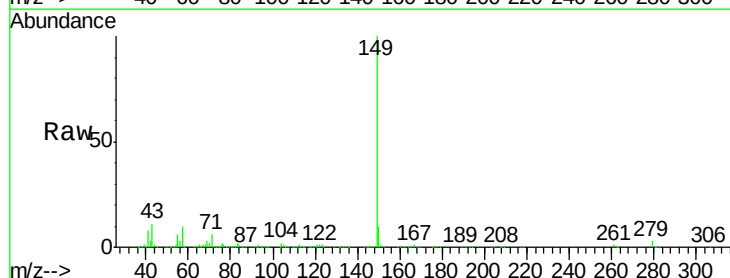
Instrument :
 BNA_F
 ClientSampleId :
 PB96981BS

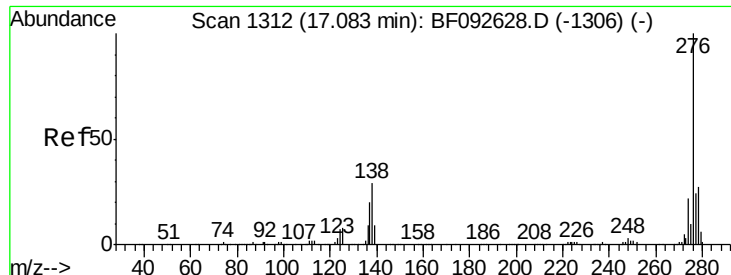
Tgt Ion:149 Resp: 788444
 Ion Ratio Lower Upper
 149 100
 167 27.9 20.2 30.4
 279 4.0 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 44.82 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

Tgt Ion:149 Resp: 1336418
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.6 8.9 13.3

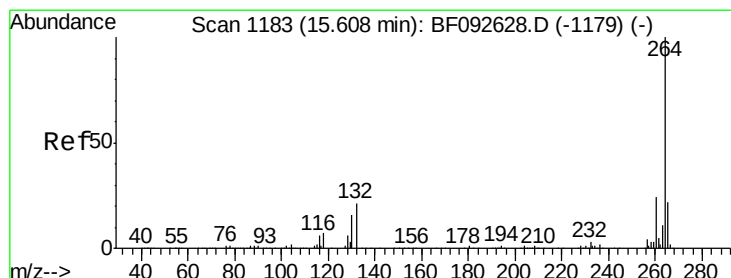
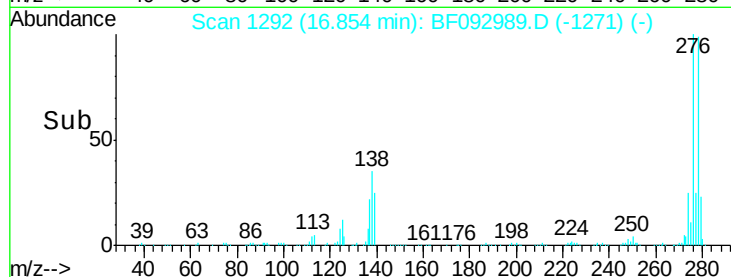
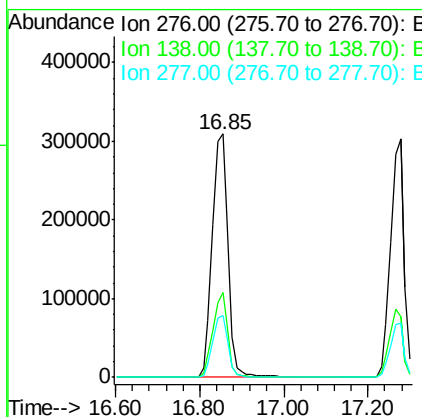
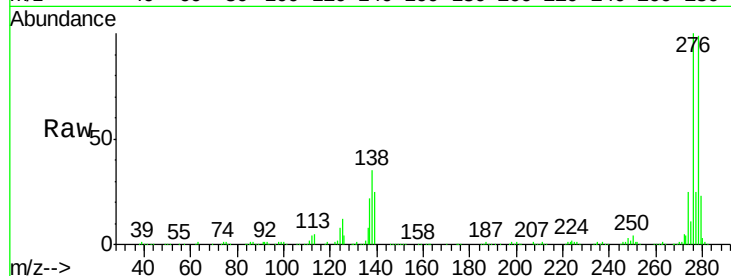




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.72 ng
 RT: 16.85 min Scan# 1292
 Delta R.T. -0.06 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

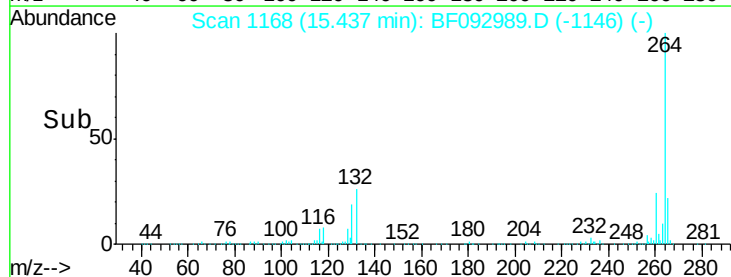
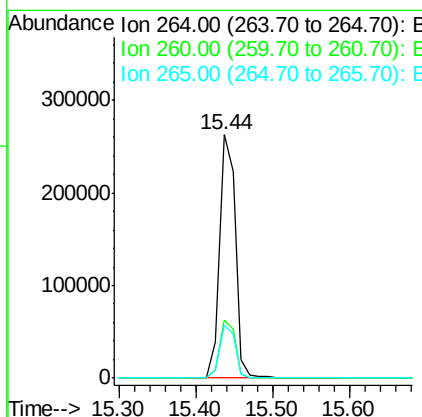
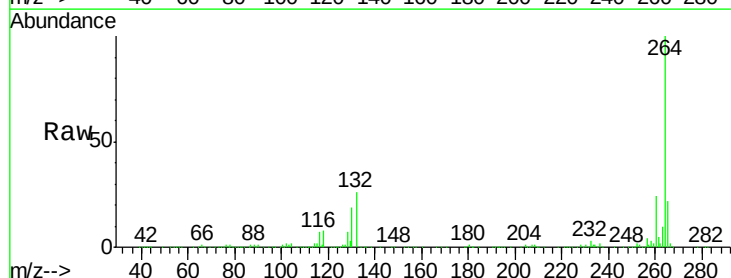
Instrument :
 BNA_F
 ClientSampleId :
 PB96981BS

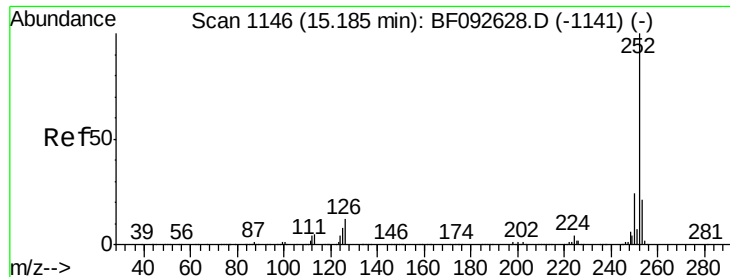
Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.8	21.8	32.6#
277	25.0	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.05 min
 Lab File: BF092989.D
 Acq: 16 Feb 2017 19:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 72.57 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.03 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

Instrument :

BNA_F

ClientSampleId :

PB96981BS

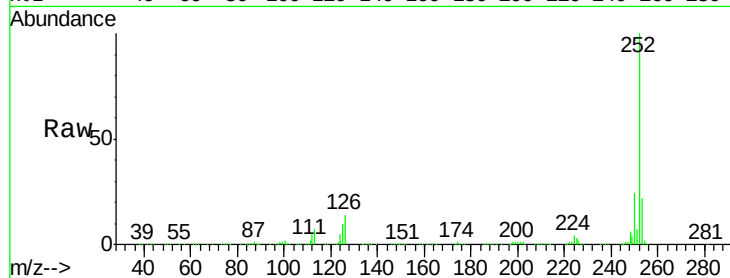
Tgt Ion:252 Resp: 1820527

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

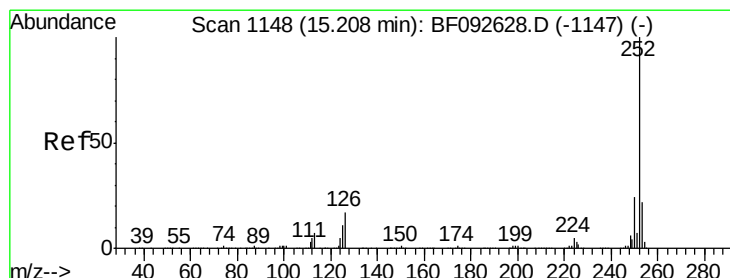
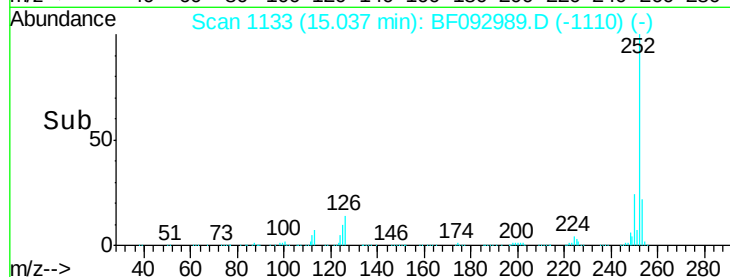
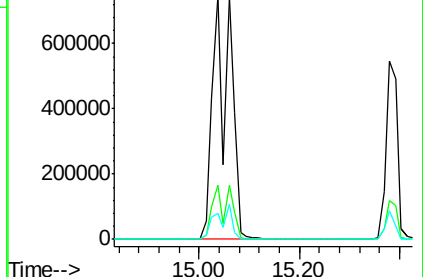
125 10.5 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 84.10 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.07 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

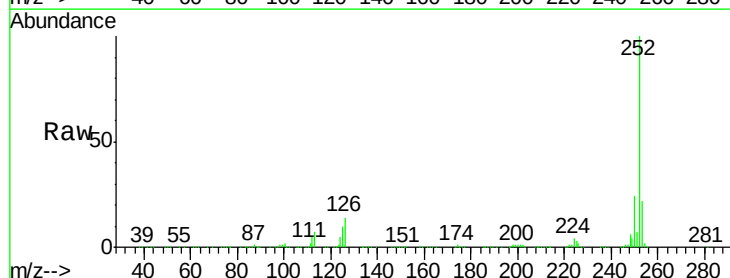
Tgt Ion:252 Resp: 1821567

Ion Ratio Lower Upper

252 100

253 22.2 18.5 27.7

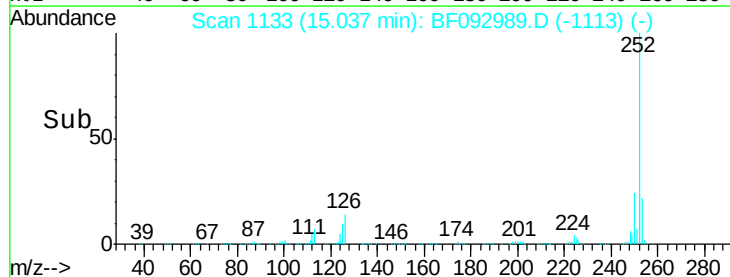
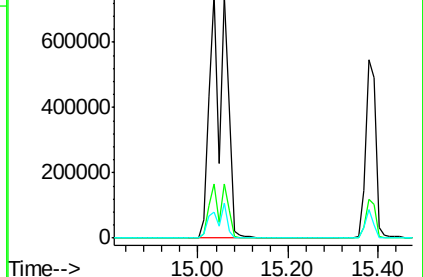
125 10.5 8.9 13.3

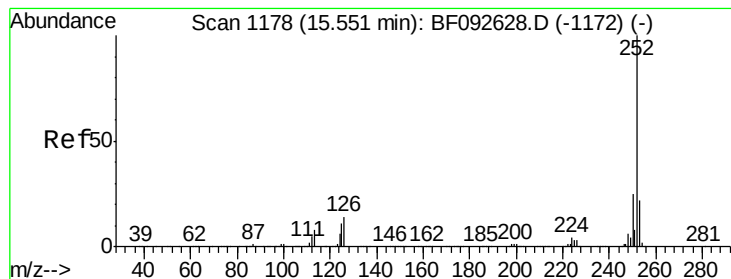


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.54 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.05 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

Instrument :

BNA_F

ClientSampleId :

PB96981BS

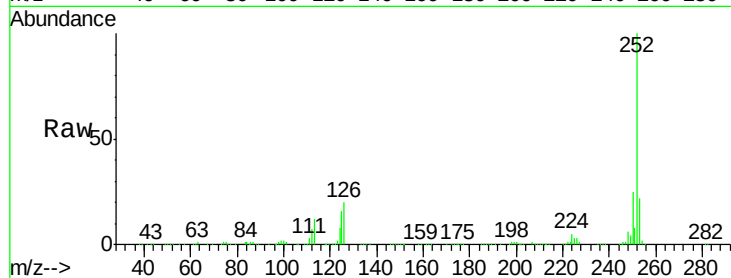
Tgt Ion:252 Resp: 857926

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

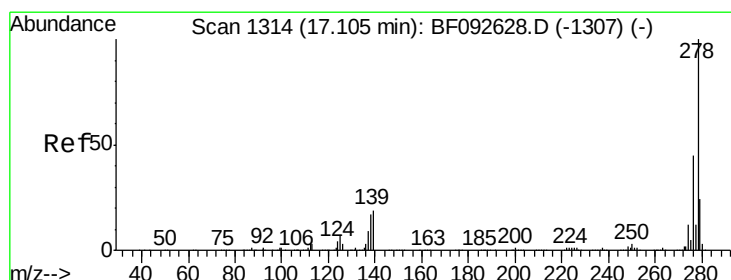
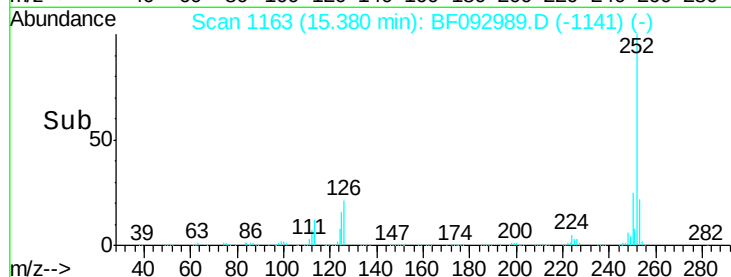
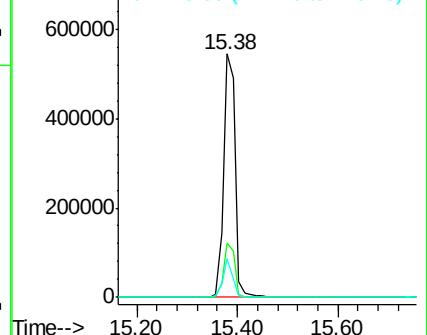
125 15.9 10.0 15.0#



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: 39.22 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.07 min

Lab File: BF092989.D

Acq: 16 Feb 2017 19:03

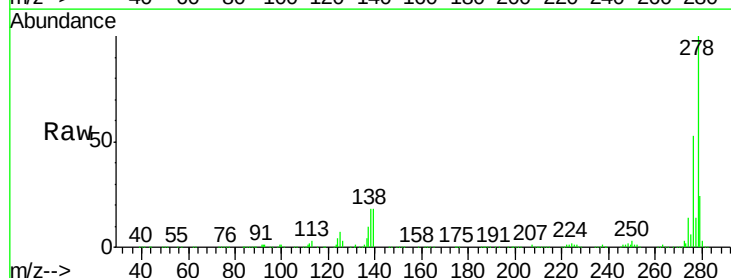
Tgt Ion:278 Resp: 687940

Ion Ratio Lower Upper

278 100

139 17.8 14.8 22.2

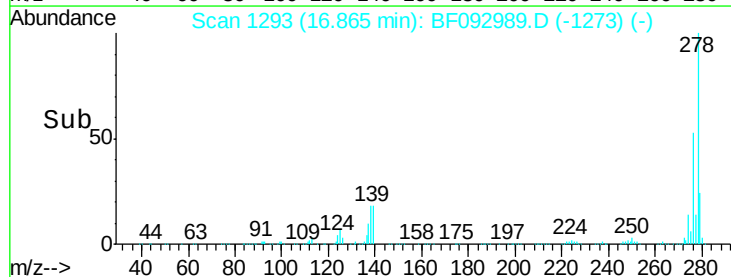
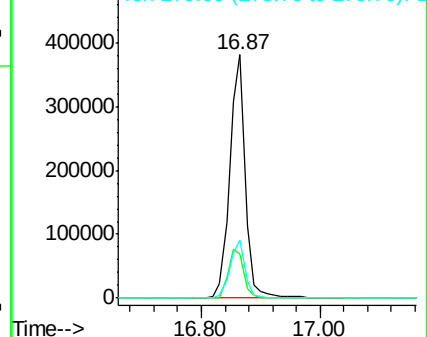
279 23.8 19.8 29.6

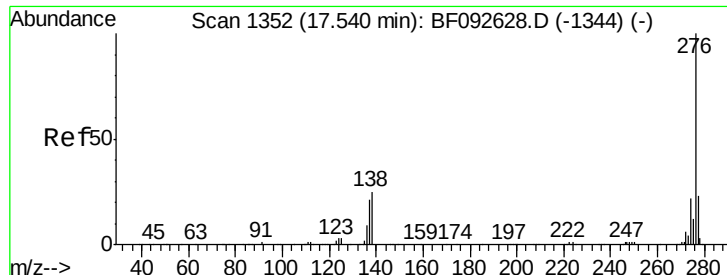


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.04 ng

RT: 17.28 min Scan# 1329

Delta R.T. -0.07 min

Lab File: BF092989.D

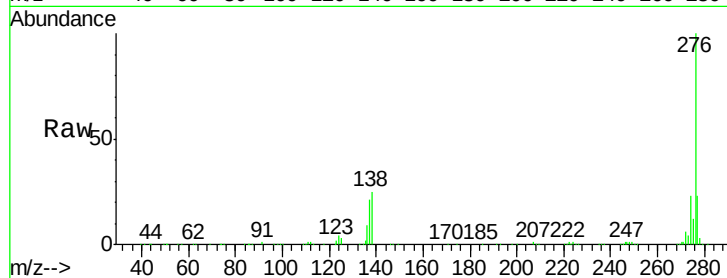
Acq: 16 Feb 2017 19:03

Instrument :

BNA_F

ClientSampleId :

PB96981BS



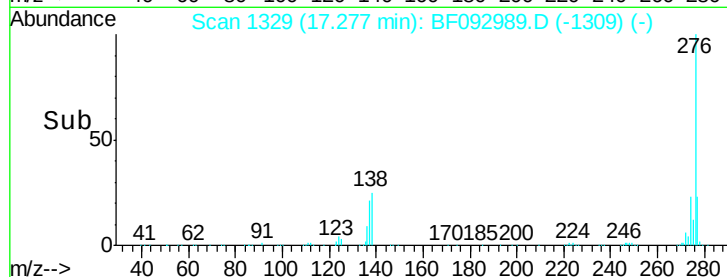
Tgt Ion: 276 Resp: 691645

Ion Ratio Lower Upper

276 100

277 22.6 19.2 28.8

138 25.4 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

