

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
 Data File : BF092376.D
 Acq On : 20 Jan 2017 16:47
 Operator : UM/SJ
 Sample : I1260-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Quant Time: Jan 20 22:14:23 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	559792	20.00	ng	0.04
21) Naphthalene-d8	7.81	136	867580	20.00	ng	-0.12
38) Acenaphthene-d10	9.56	164	439812	20.00	ng	-0.12
63) Phenanthrene-d10	11.03	188	666669	20.00	ng	-0.12
75) Chrysene-d12	13.66	240	361999	20.00	ng	-0.12
86) Perylene-d12	15.01	264	380599	20.00	ng	-0.13

System Monitoring Compounds

5) 2-Fluorophenol	5.11	112	1188170	35.44	ng	-0.12
7) Phenol-d6	6.20	99	1488614	36.37	ng	-0.11
23) Nitrobenzene-d5	7.10	82	992411	63.61	ng	-0.11
41) 2,4,6-Tribromophenol	10.36	330	473512	130.09	ng	-0.11
44) 2-Fluorobiphenyl	8.90	172	2042943	96.99	ng	-0.11
78) Terphenyl-d14	12.62	244	1659580	111.19	ng	-0.12

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.99	88	185746	11.25	ng	97
3) Pyridine	2.59	79	492853	8.56	ng	98
4) n-Nitrosodimethylamine	2.56	42	242649	11.17	ng	92
8) 2-Chlorophenol	6.31	128	491215	12.88	ng	96
10) Phenol	6.21	94	643901	13.80	ng	80
11) bis(2-Chloroethyl)ether	6.27	93	506220	13.64	ng	96
12) 1,3-Dichlorobenzene	6.69	146	445856	10.95	ng	# 89
13) 1,4-Dichlorobenzene	6.69	146	445856	10.76	ng	97
14) 1,2-Dichlorobenzene	6.69	146	445856	12.40	ng	98
15) Benzyl Alcohol	6.69	79	420886	13.23	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.82	45	697931	12.63	ng	# 25
17) 2-Methylphenol	6.98	107	512075	16.70	ng	# 73
18) Hexachloroethane	7.03	117	186018	12.11	ng	99
19) n-Nitroso-di-n-propylamine	6.96	70	376265	13.82	ng	97
20) 3+4-Methylphenols	6.98	107	512075	14.00	ng	# 71
22) Acetophenone	6.95	105	691787	32.33	ng	# 92
24) Nitrobenzene	7.12	77	558229	33.59	ng	90
25) Isophorone	7.36	82	1094864	38.04	ng	96
26) 2-Nitrophenol	7.44	139	353715	43.16	ng	# 76
27) 2,4-Dimethylphenol	7.50	122	605533	44.55	ng	95
28) bis(2-Chloroethoxy)methane	7.58	93	821278	47.05	ng	100
29) 2,4-Dichlorophenol	7.70	162	528650	45.93	ng	97
30) 1,2,4-Trichlorobenzene	7.76	180	551647	43.74	ng	99
31) Naphthalene	7.83	128	1739812	43.82	ng	100
32) Benzoic acid	7.64	122	109329	10.84	ng	95
33) 4-Chloroaniline	7.90	127	296105	16.54	ng	95
34) Hexachlorobutadiene	7.96	225	296497	44.54	ng	99
35) Caprolactam	8.29	113	113622	30.04	ng	# 77
36) 4-Chloro-3-methylphenol	8.42	107	609233	46.00	ng	90
37) 2-Methylnaphthalene	8.53	142	1192990	52.93	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	483329	43.50	ng	99
40) Hexachlorocyclopentadiene	8.68	237	185232	39.55	ng	96
42) 2,4,6-Trichlorophenol	8.82	196	331325	42.64	ng	97
43) 2,4,5-Trichlorophenol	8.87	196	337556	42.21	ng	# 90

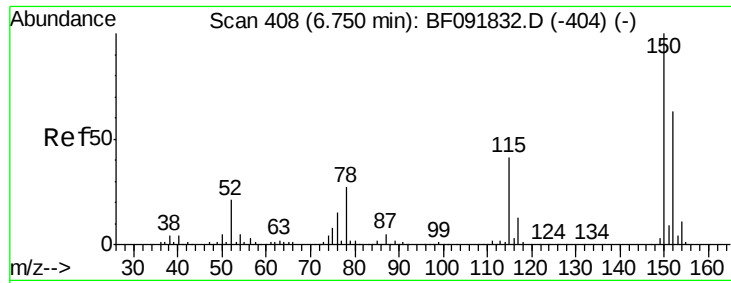
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.00	154	1395949	46.36	ng	97
46) 2-Chloronaphthalene	9.01	162	1000224	41.94	ng	95
47) 2-Nitroaniline	9.12	65	370238	43.60	ng	94
48) Acenaphthylene	9.42	152	1503275	40.99	ng	99
49) Dimethylphthalate	9.31	163	1402171	49.85	ng	99
50) 2,6-Dinitrotoluene	9.38	165	277190	45.02	ng	# 71
51) Acenaphthene	9.59	154	949887	38.20	ng	99
52) 3-Nitroaniline	9.54	138	202760	26.61	ng	90
53) 2,4-Dinitrophenol	9.66	184	131161	38.29	ng	# 89
54) Dibenzofuran	9.76	168	1315282	39.17	ng	99
55) 4-Nitrophenol	9.76	139	890878	172.20	ng	# 9
56) 2,4-Dinitrotoluene	9.78	165	349664	45.25	ng	96
57) Fluorene	10.11	166	991891	40.60	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	286750	45.33	ng	93
59) Diethylphthalate	10.00	149	1223700	44.79	ng	98
60) 4-Chlorophenyl-phenylether	10.11	204	481796	45.04	ng	# 82
61) 4-Nitroaniline	10.15	138	293718	37.20	ng	93
62) Azobenzene	10.27	77	1410847	46.91	ng	85
64) 4,6-Dinitro-2-methylphenol	10.19	198	149898	37.18	ng	82
65) n-Nitrosodiphenylamine	10.23	169	1030756	52.10	ng	99
66) 4-Bromophenyl-phenylether	10.59	248	306999	44.27	ng	98
67) Hexachlorobenzene	10.66	284	327156	44.14	ng	99
68) Atrazine	10.77	200	324202	50.81	ng	94
69) Pentachlorophenol	10.86	266	272977	75.05	ng	98
70) Phenanthrene	11.06	178	1456205	40.28	ng	99
71) Anthracene	11.11	178	1592998	52.84	ng	99
72) Carbazole	11.27	167	1322133	43.96	ng	99
73) Di-n-butylphthalate	11.62	149	1776983	52.57	ng	98
74) Fluoranthene	12.24	202	1432319	45.18	ng	92
76) Benzidine	12.37	184	226147	21.16	ng	97
77) Pyrene	12.46	202	1299117	48.91	ng	99
79) Butylbenzylphthalate	13.10	149	673447	55.75	ng	86
80) Benzo(a)anthracene	13.65	228	972711	47.60	ng	100
81) 3,3'-Dichlorobenzidine	13.63	252	298210	38.49	ng	# 95
82) Chrysene	13.69	228	897922	43.81	ng	98
83) Bis(2-ethylhexyl)phthalate	13.66	149	777363	54.64	ng	100
84) Di-n-octyl phthalate	14.28	149	1367491	51.89	ng	96
85) Indeno(1,2,3-cd)pyrene	16.22	276	979110	55.14	ng	100
87) Benzo(b)fluoranthene	14.68	252	1831534	77.29	ng	99
88) Benzo(k)fluoranthene	14.68	252	1831534	90.64	ng	99
89) Benzo(a)pyrene	14.97	252	909892	43.26	ng	# 96
90) Dibenzo(a,h)anthracene	16.23	278	817210	47.27	ng	95
91) Benzo(g,h,i)perylene	16.58	276	848071	47.18	ng	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 428

Delta R.T. 0.04 min

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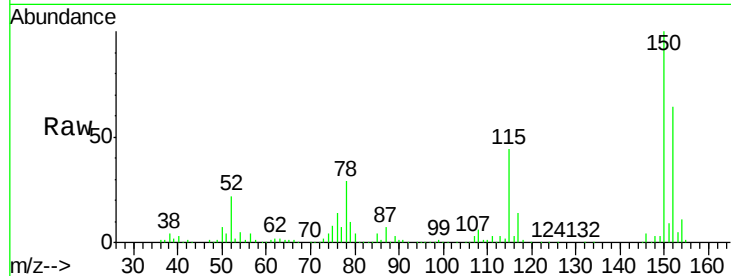
Tgt Ion:152 Resp: 559792

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

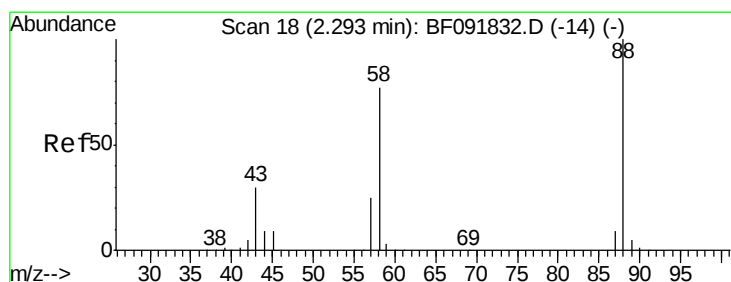
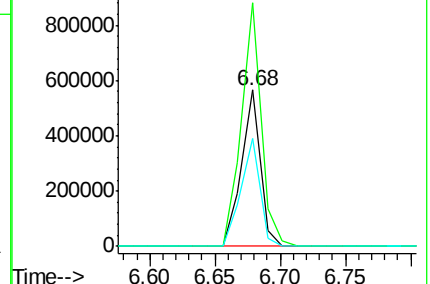
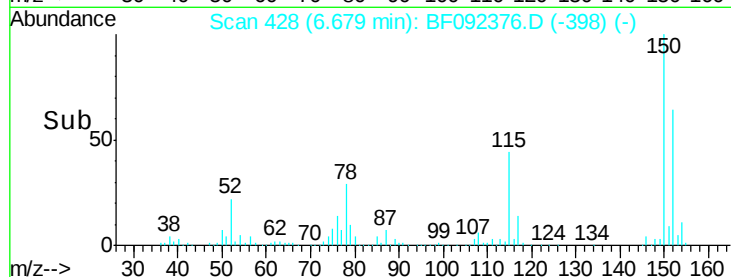
115 68.8 46.0 69.0



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: 11.25 ng

RT: 1.99 min Scan# 18

Delta R.T. -0.09 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

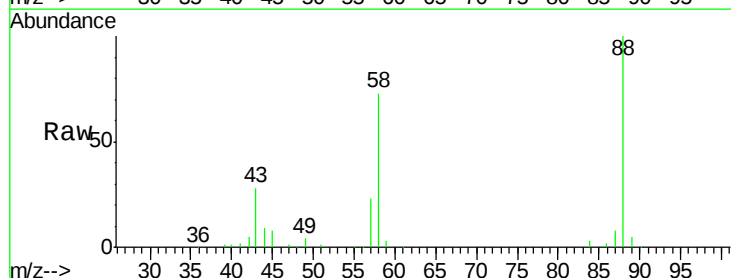
Tgt Ion: 88 Resp: 185746

Ion Ratio Lower Upper

88 100

58 74.3 57.8 86.8

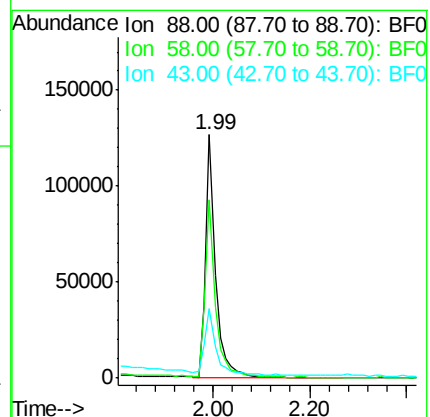
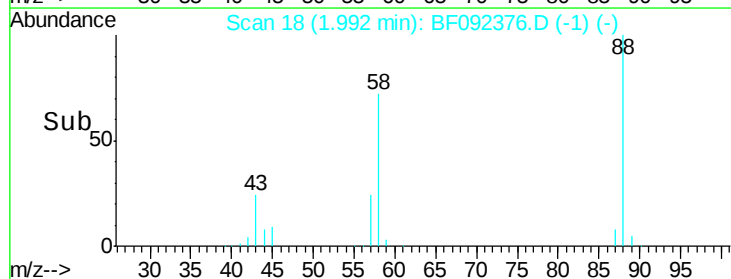
43 31.2 22.3 33.5

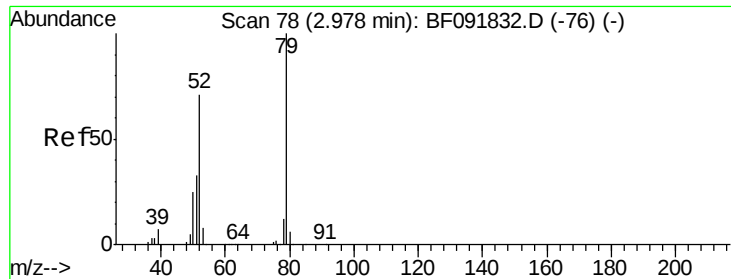


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 8.56 ng

RT: 2.59 min Scan# 70

Delta R.T. -0.15 min

Lab File: BF092376.D

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MH-0-12FT-COMPMS

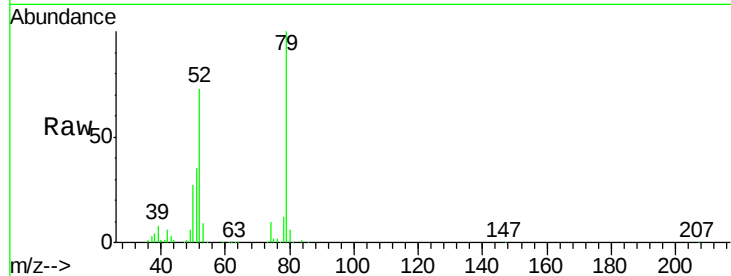
Tgt Ion: 79 Resp: 492853

Ion Ratio Lower Upper

79 100

52 73.4 57.1 85.7

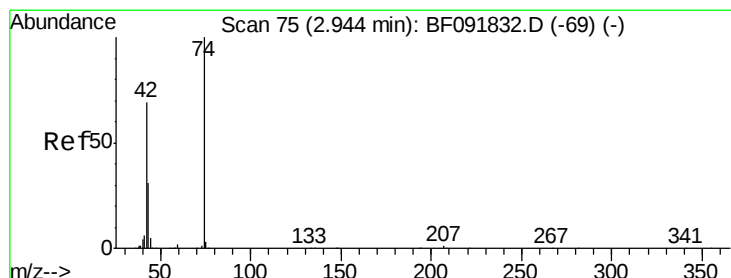
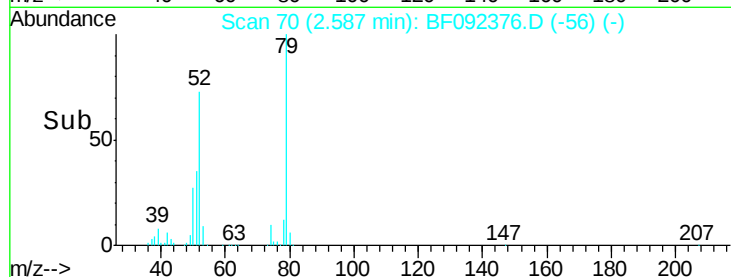
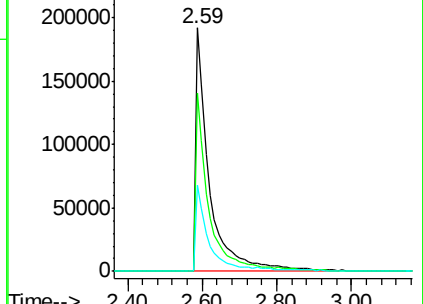
51 35.5 27.3 40.9



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: 11.17 ng

RT: 2.56 min Scan# 68

Delta R.T. -0.12 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

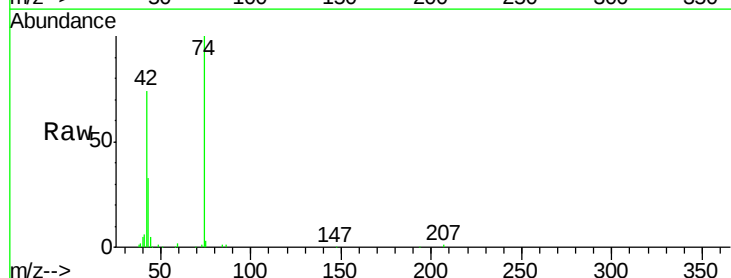
Tgt Ion: 42 Resp: 242649

Ion Ratio Lower Upper

42 100

74 135.3 117.0 175.4

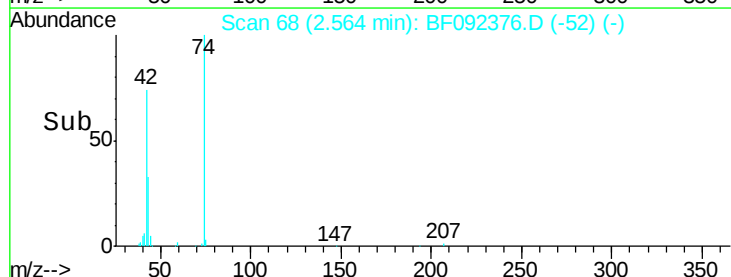
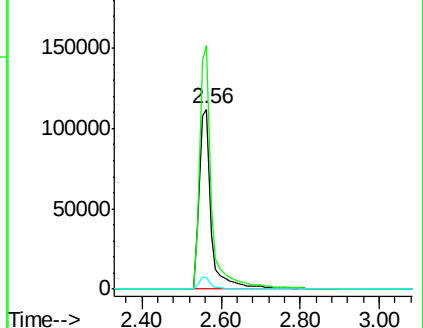
44 6.8 5.5 8.3

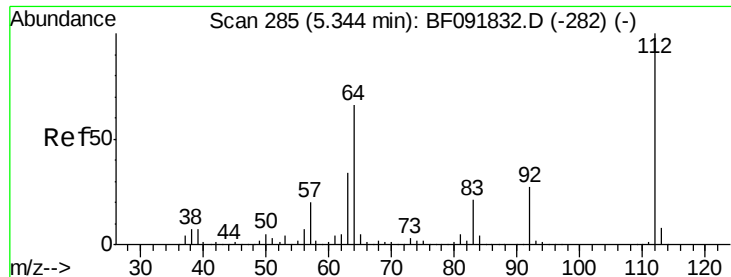


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 35.44 ng

RT: 5.11 min Scan# 291

Delta R.T. -0.12 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

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ClientSampleId :

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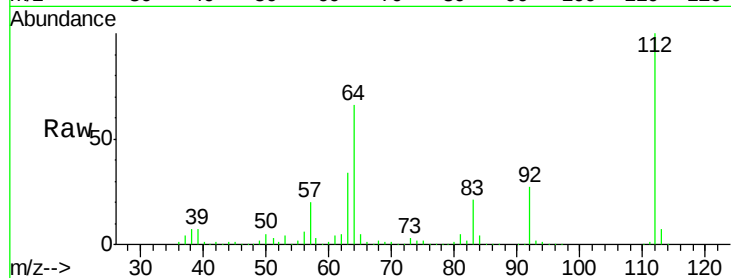
Tgt Ion: 112 Resp: 1188170

Ion Ratio Lower Upper

112 100

64 66.1 46.1 69.1

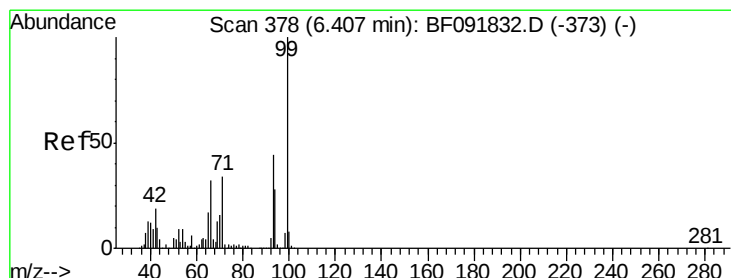
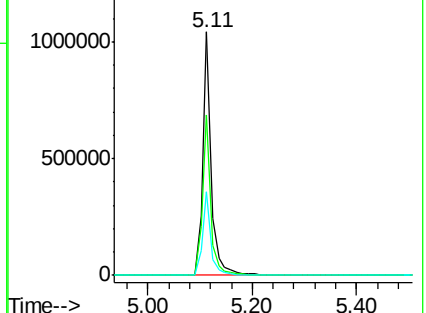
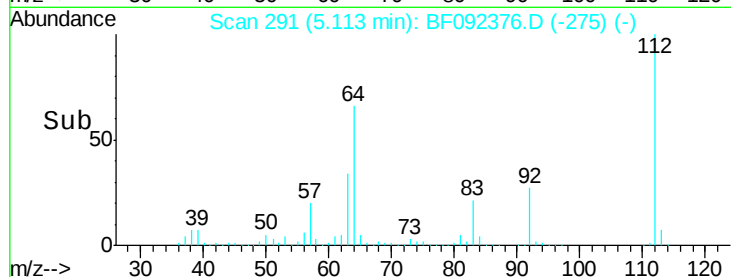
63 34.4 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 36.37 ng

RT: 6.20 min Scan# 386

Delta R.T. -0.11 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

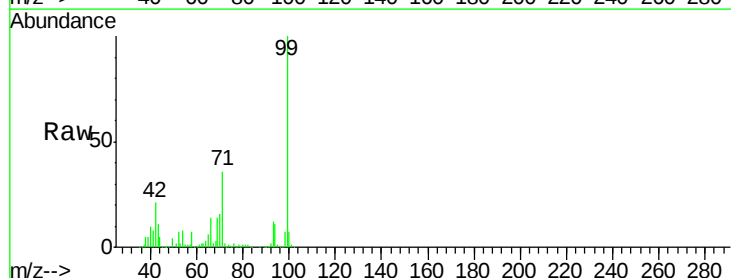
Tgt Ion: 99 Resp: 1488614

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

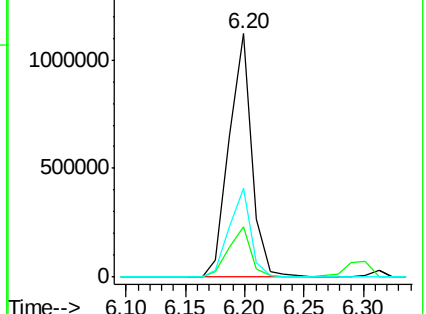
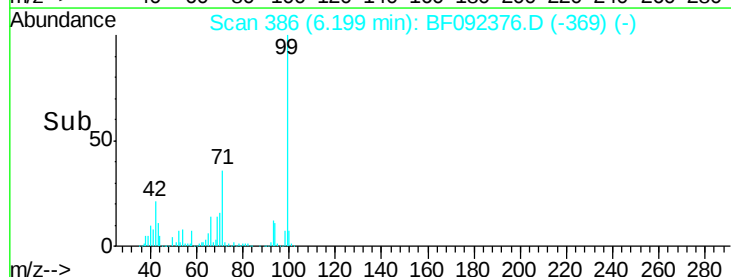
71 36.3 27.5 41.3

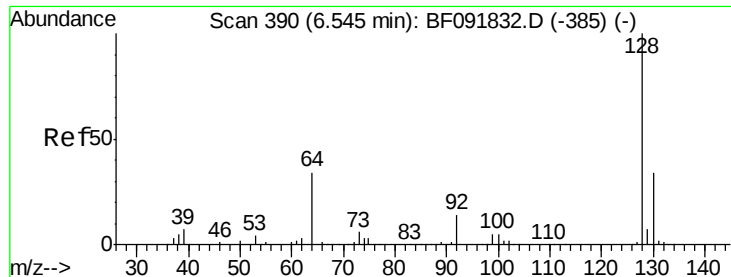


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 12.88 ng

RT: 6.31 min Scan# 396

Delta R.T. -0.12 min

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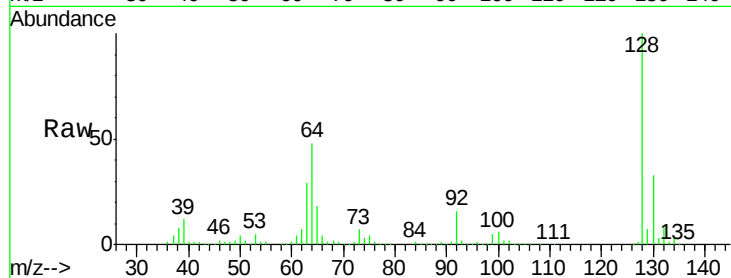
Tgt Ion: 128 Resp: 491215

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

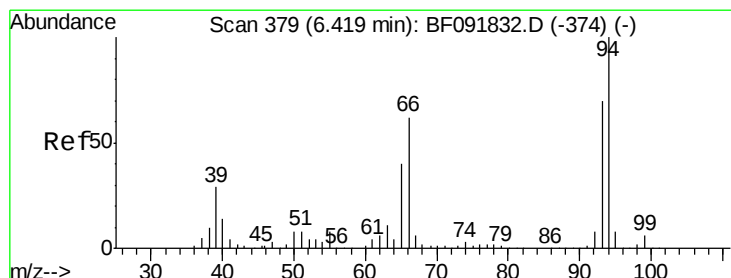
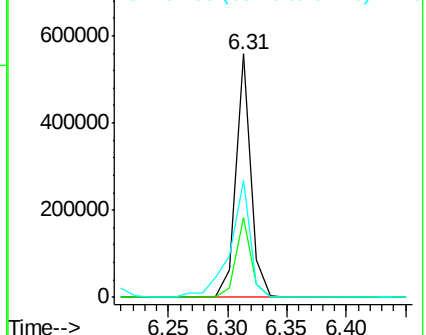
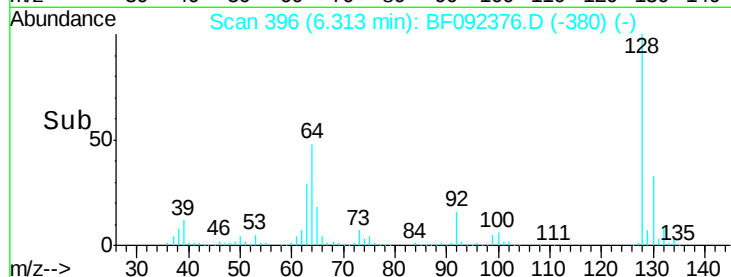
64 48.0 32.2 72.2



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



#10

Phenol

Concen: 13.80 ng

RT: 6.21 min Scan# 387

Delta R.T. -0.11 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

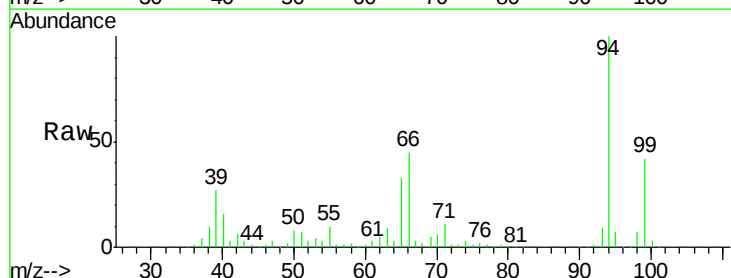
Tgt Ion: 94 Resp: 643901

Ion Ratio Lower Upper

94 100

65 33.0 21.4 61.4

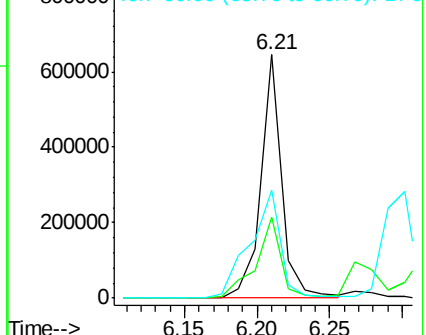
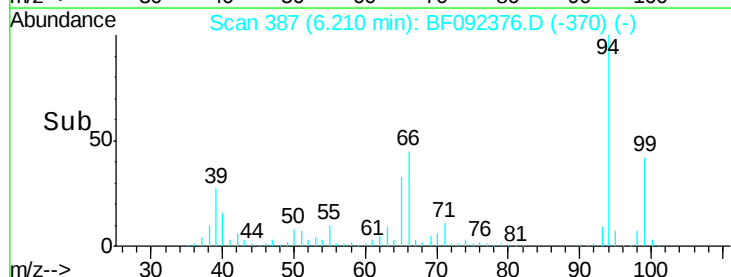
66 44.5 44.0 84.0

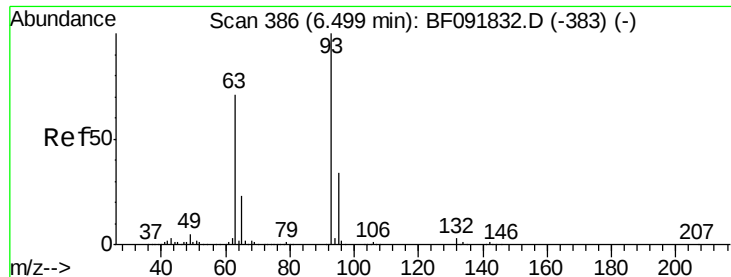


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

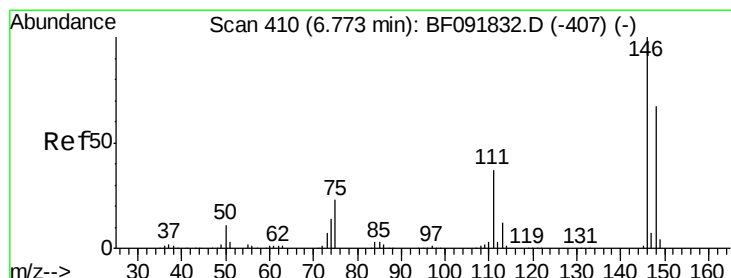
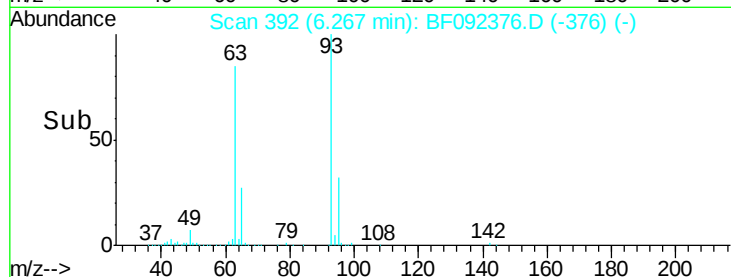
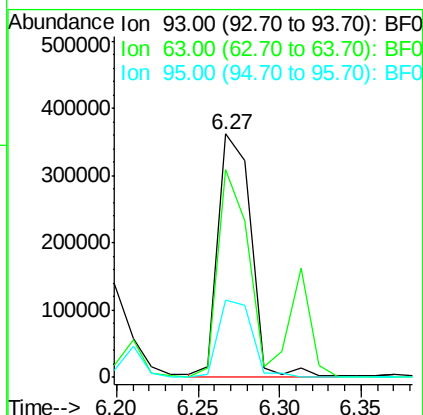
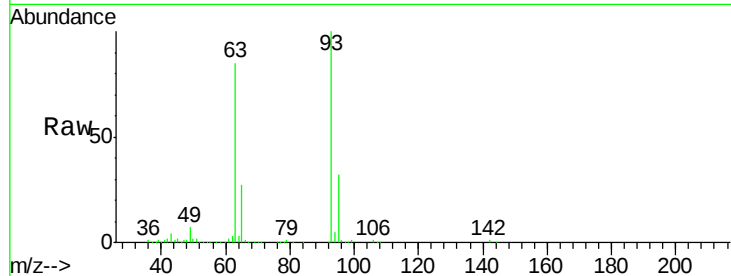




#11
bis(2-Chloroethyl)ether
Concen: 13.64 ng
RT: 6.27 min Scan# 392
Delta R.T. -0.12 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

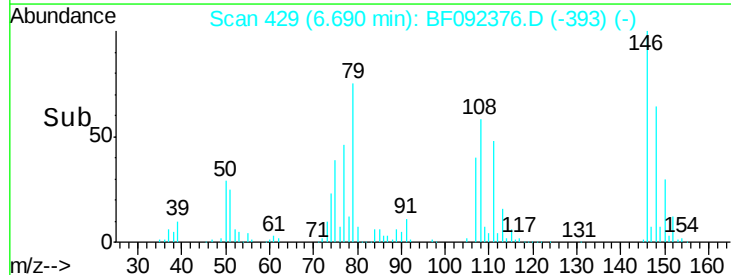
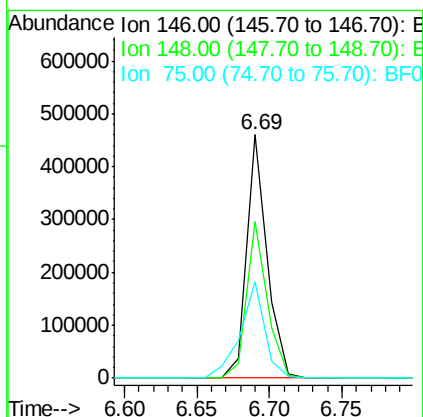
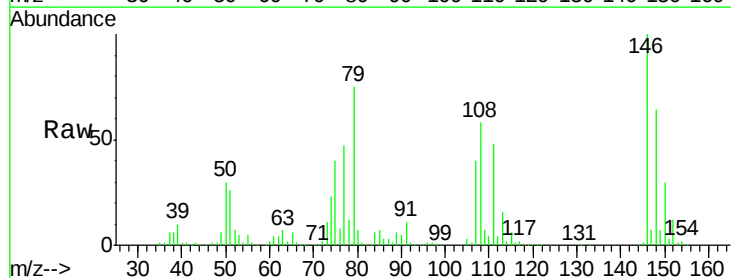
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

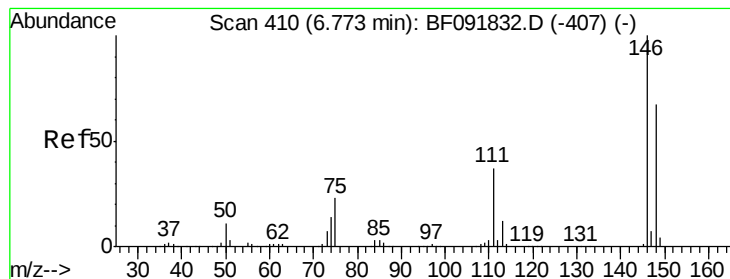
Tgt Ion: 93 Resp: 506220
Ion Ratio Lower Upper
93 100
63 85.1 60.4 100.4
95 31.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 10.95 ng
RT: 6.69 min Scan# 429
Delta R.T. 0.11 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion: 146 Resp: 445856
Ion Ratio Lower Upper
146 100
148 64.5 53.4 80.0
75 39.6 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 10.76 ng

RT: 6.69 min Scan# 429

Delta R.T. 0.03 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

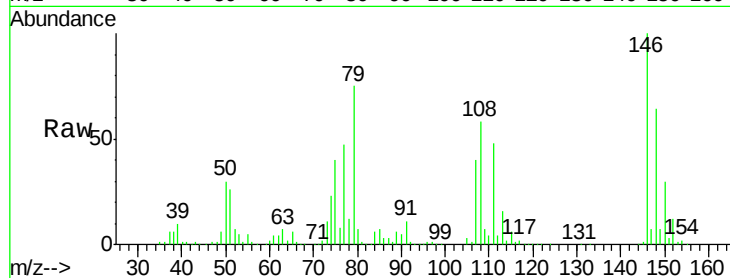
Tgt Ion:146 Resp: 445856

Ion Ratio Lower Upper

146 100

148 64.5 50.6 76.0

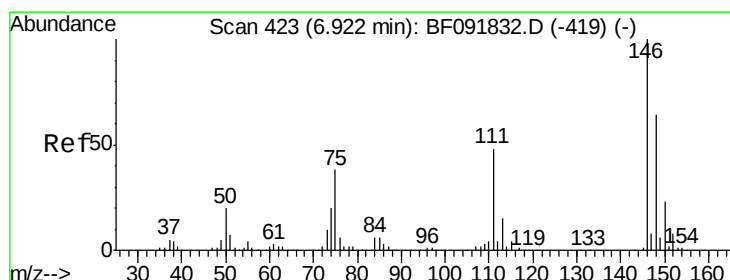
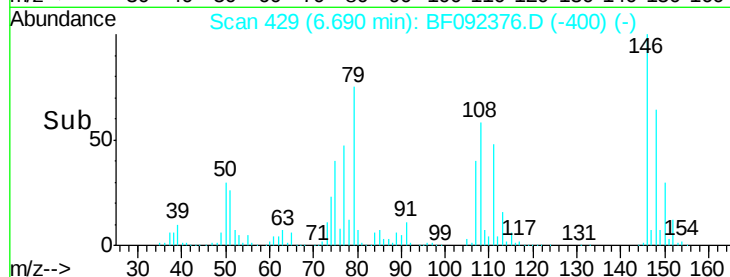
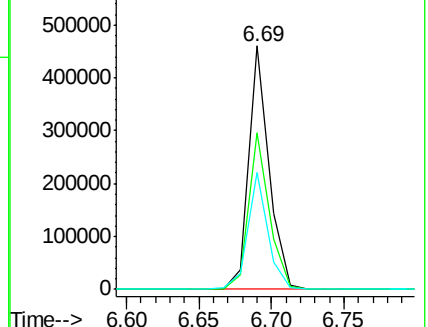
111 48.2 36.2 54.4



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: 12.40 ng

RT: 6.69 min Scan# 429

Delta R.T. -0.12 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

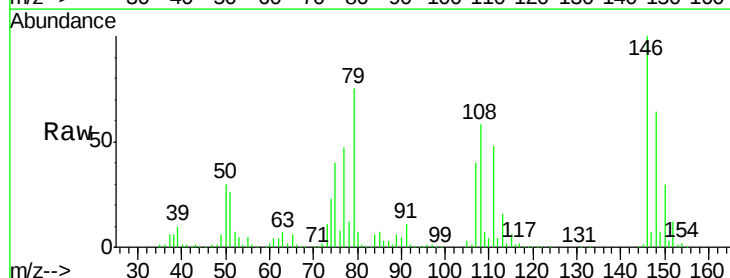
Tgt Ion:146 Resp: 445856

Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.2

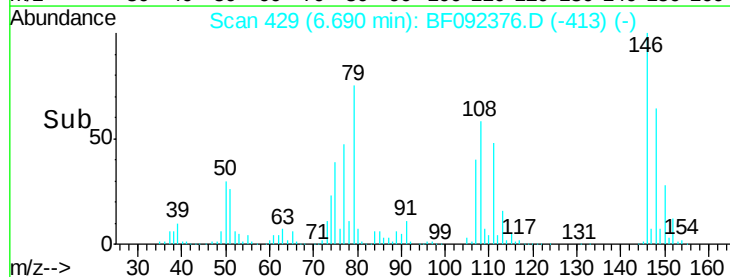
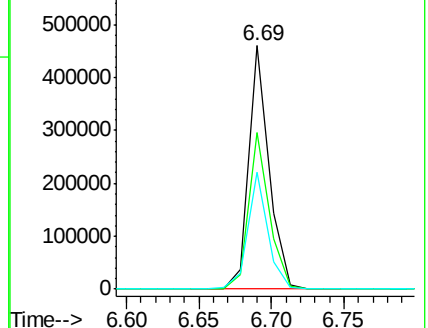
111 48.2 36.2 54.2

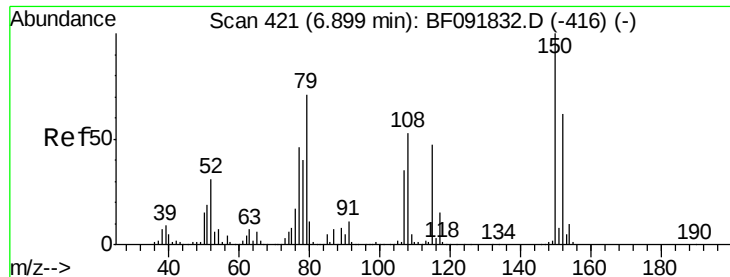


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 13.23 ng

RT: 6.69 min Scan# 429

Delta R.T. -0.11 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

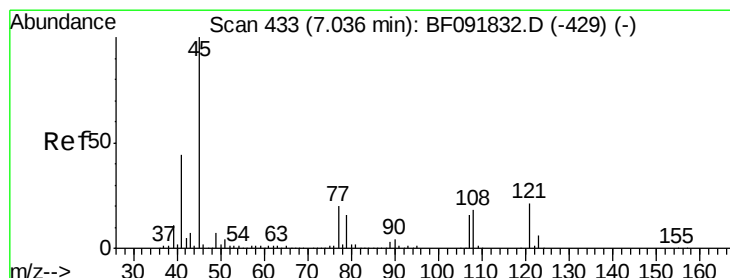
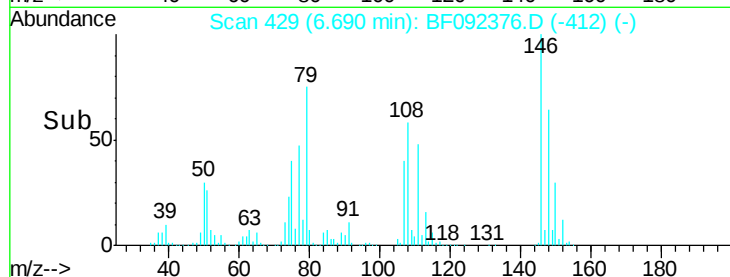
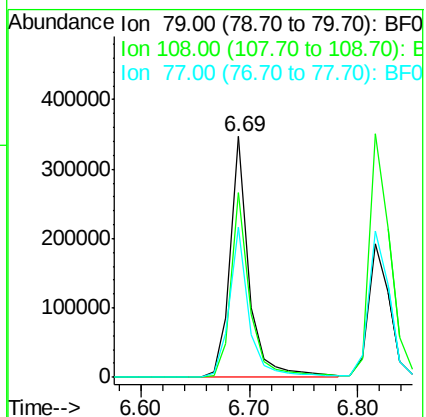
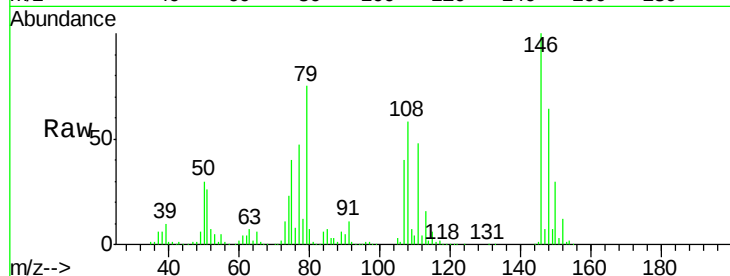
Tgt Ion: 79 Resp: 420886

Ion Ratio Lower Upper

79 100

108 76.9 61.4 92.0

77 62.4 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 12.63 ng

RT: 6.82 min Scan# 440

Delta R.T. -0.12 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

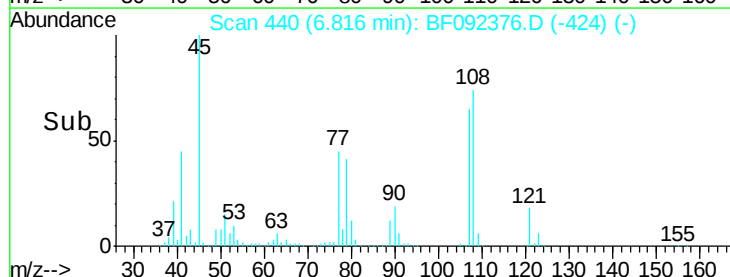
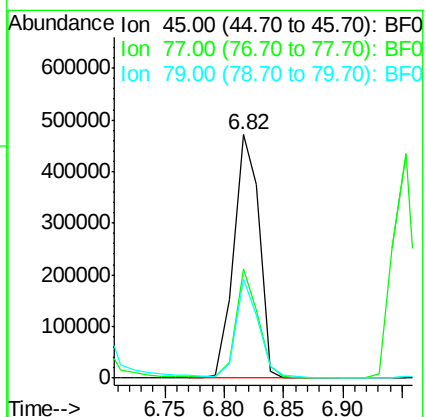
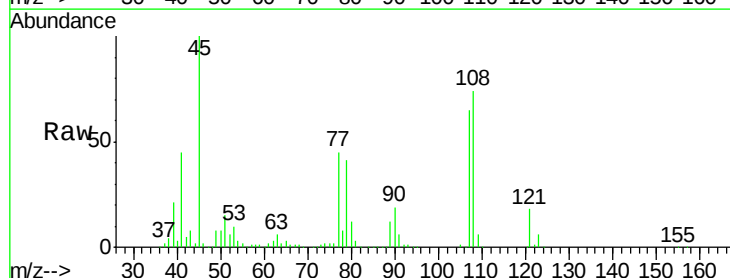
Tgt Ion: 45 Resp: 697931

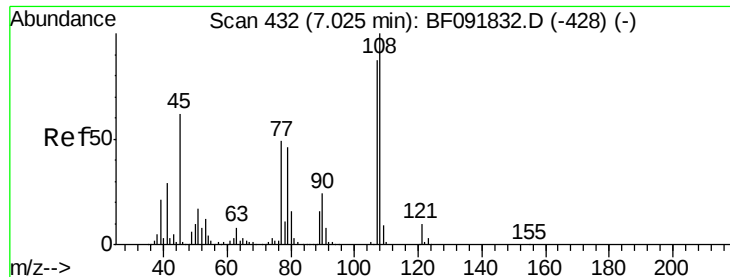
Ion Ratio Lower Upper

45 100

77 44.6 0.0 34.6#

79 40.7 0.0 31.2#





#17

2-Methylphenol

Concen: 16.70 ng

RT: 6.98 min Scan# 454

Delta R.T. 0.05 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

Tgt Ion:107 Resp: 512075

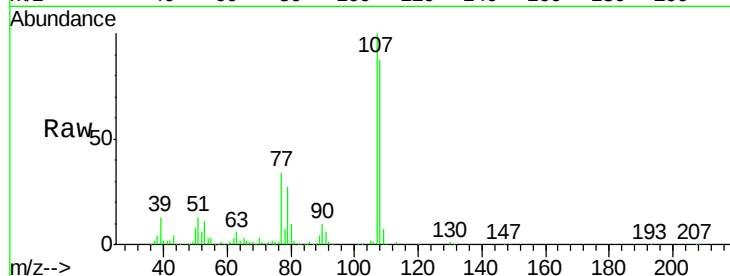
Ion Ratio Lower Upper

107 100

108 86.8 93.0 139.6#

77 33.8 39.8 59.8#

79 27.3 38.0 57.0#



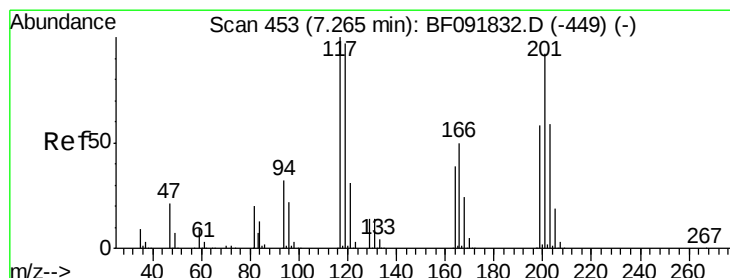
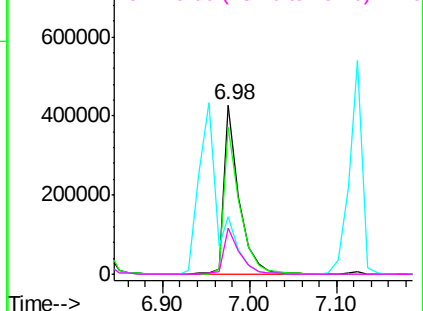
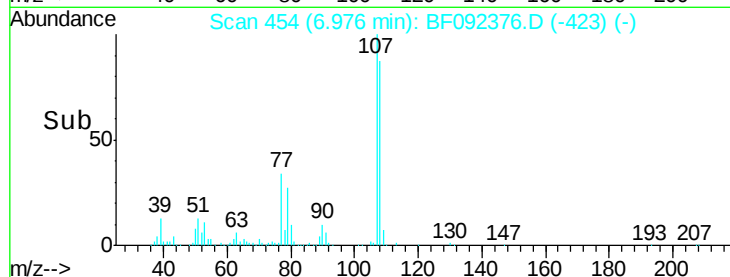
Abundance

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: 12.11 ng

RT: 7.03 min Scan# 459

Delta R.T. -0.12 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

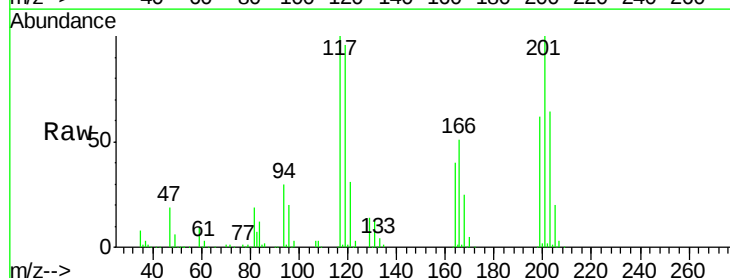
Tgt Ion:117 Resp: 186018

Ion Ratio Lower Upper

117 100

119 96.5 78.1 117.1

201 100.0 78.6 117.8

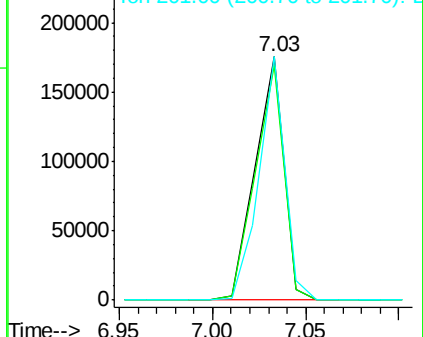
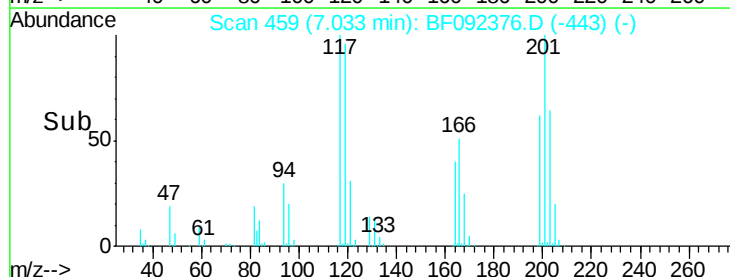


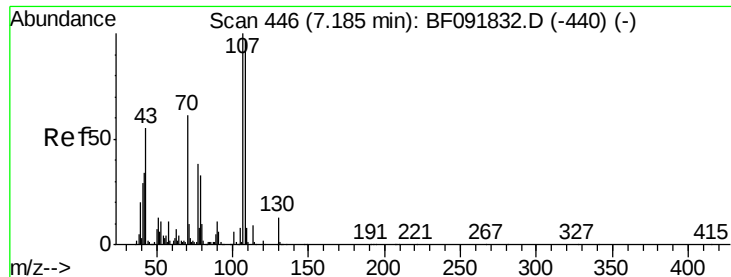
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

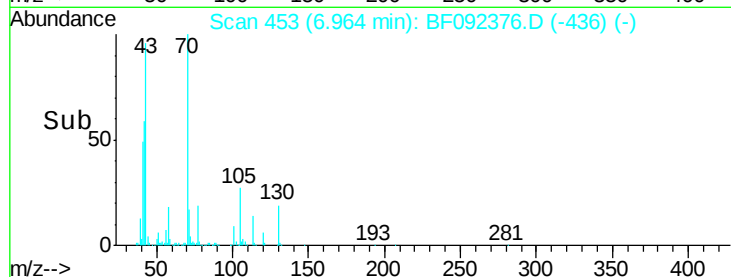
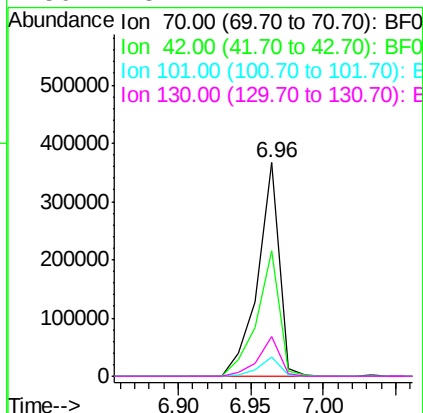
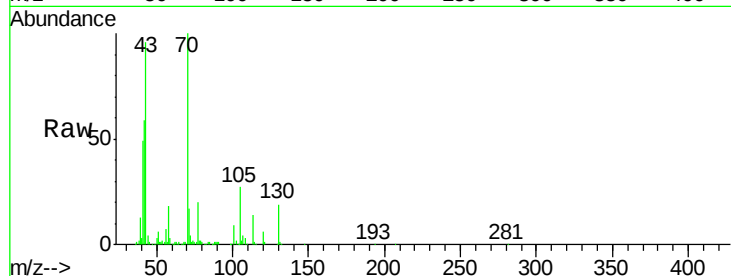




#19
n-Nitroso-di-n-propylamine
Concen: 13.82 ng
RT: 6.96 min Scan# 453
Delta R.T. -0.11 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

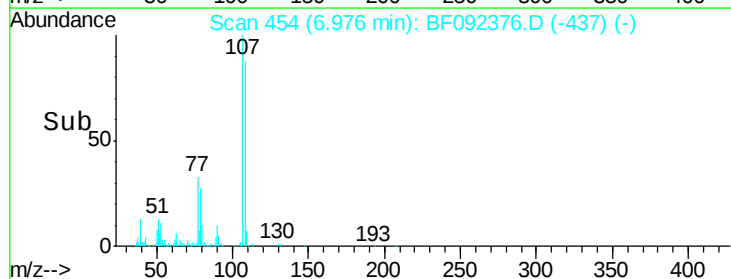
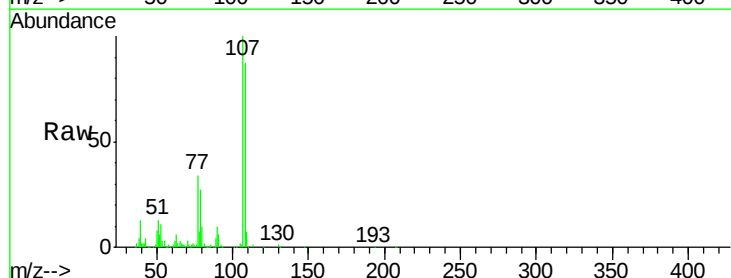
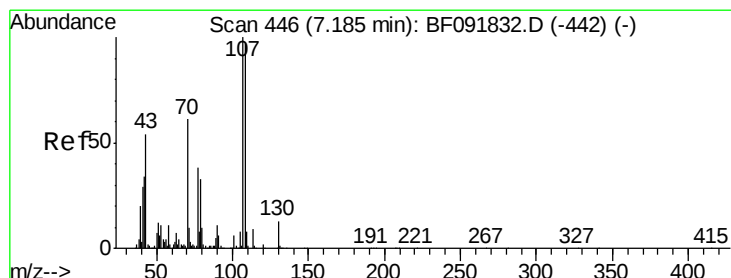
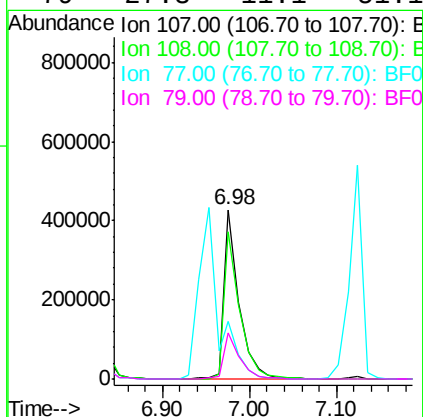
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

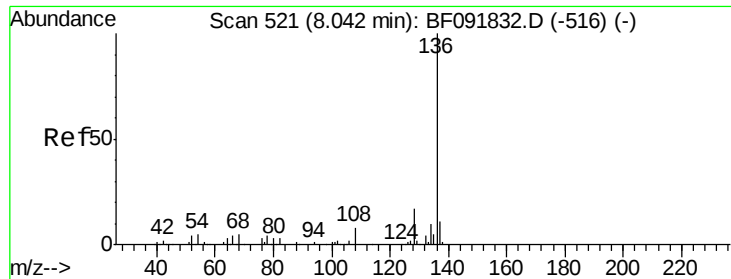
Tgt Ion: 70 Resp: 376265
Ion Ratio Lower Upper
70 100
42 58.9 49.4 74.0
101 8.8 7.4 11.2
130 18.7 14.2 21.4



#20
3+4-Methylphenols
Concen: 14.00 ng
RT: 6.98 min Scan# 454
Delta R.T. -0.11 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion: 107 Resp: 512075
Ion Ratio Lower Upper
107 100
108 86.8 73.0 113.0
77 33.8 71.3 111.3#
79 27.3 11.1 51.1

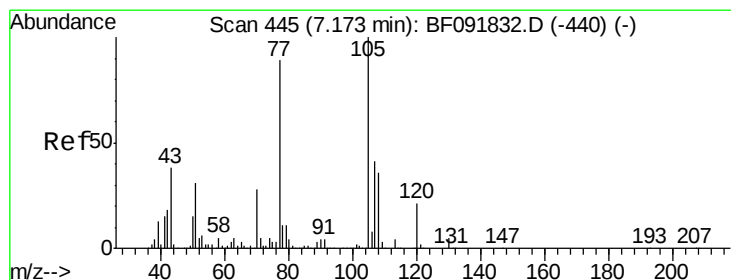
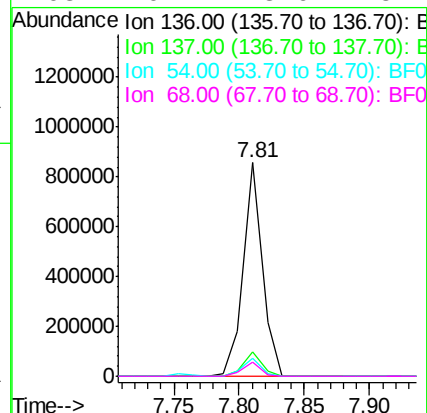
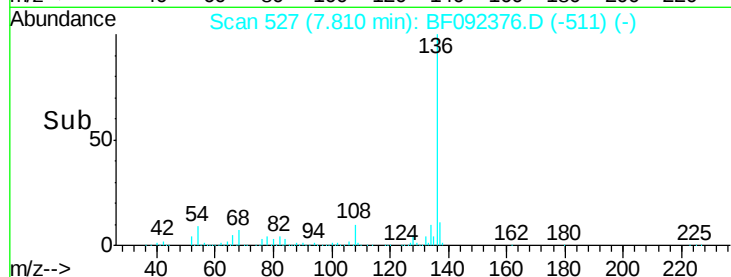
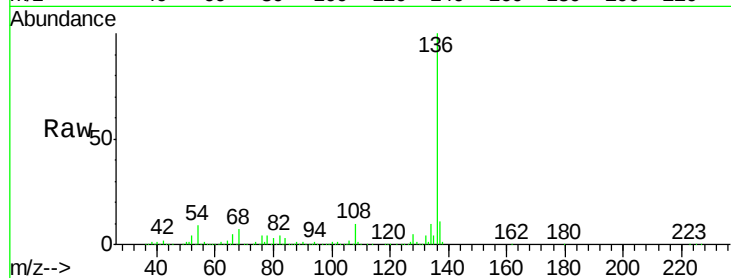




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 527
Delta R.T. -0.12 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

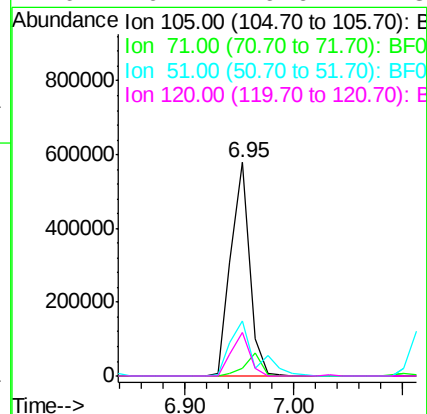
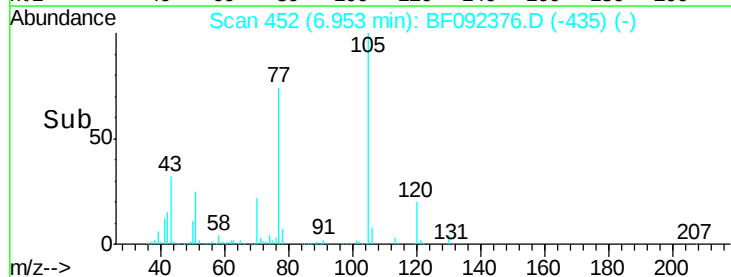
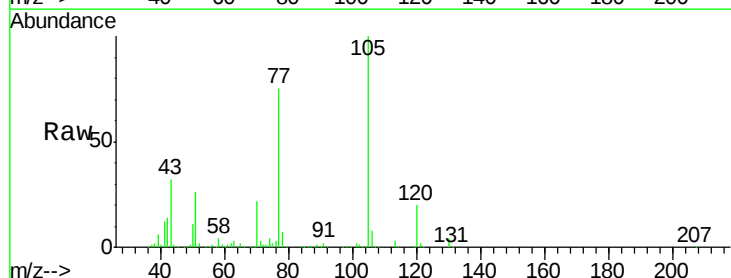
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

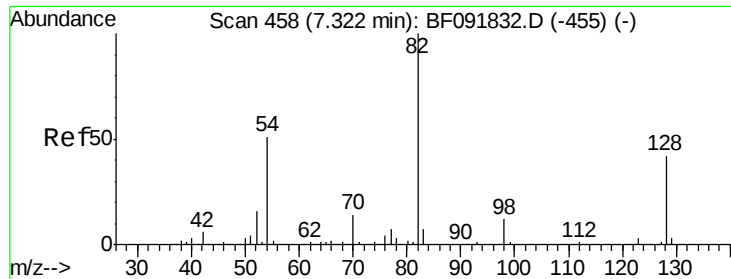
Tgt Ion:	136	Resp:	867580
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	8.6	4.5	6.7#
68	6.7	3.6	5.4#



#22
Acetophenone
Concen: 32.33 ng
RT: 6.95 min Scan# 452
Delta R.T. -0.11 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion:	105	Resp:	691787
Ion	Ratio	Lower	Upper
105	100		
71	3.4	3.2	4.8
51	25.7	26.2	39.4#
120	20.4	16.6	24.8

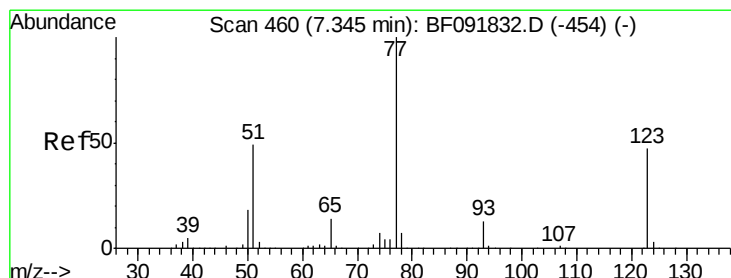
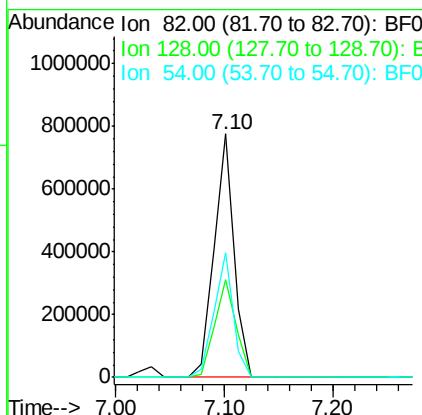
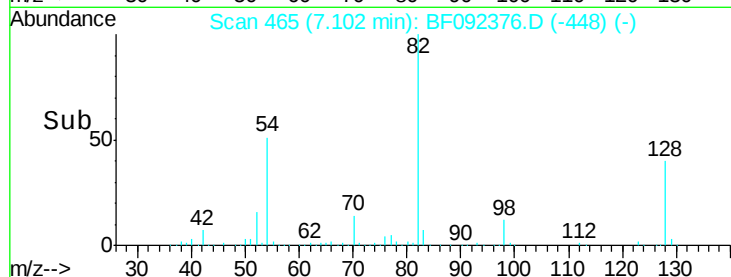
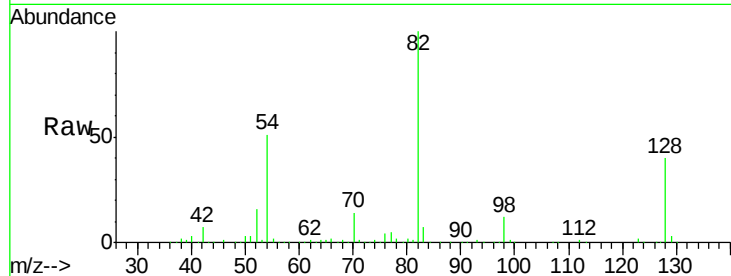




#23
 Nitrobenzene-d5
 Concen: 63.61 ng
 RT: 7.10 min Scan# 465
 Delta R.T. -0.11 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

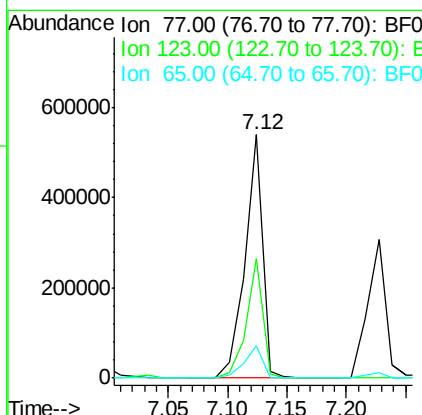
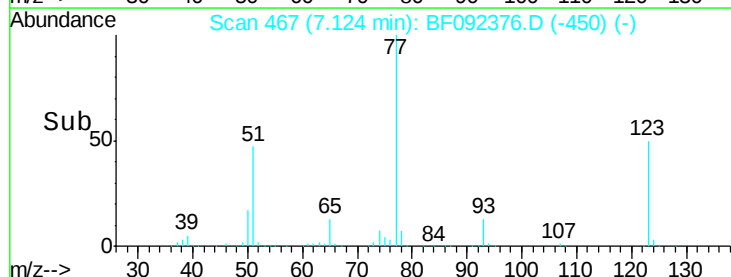
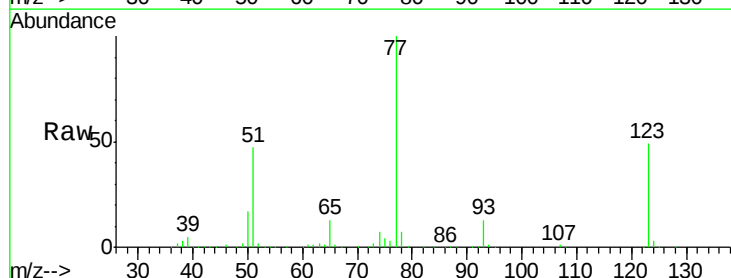
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

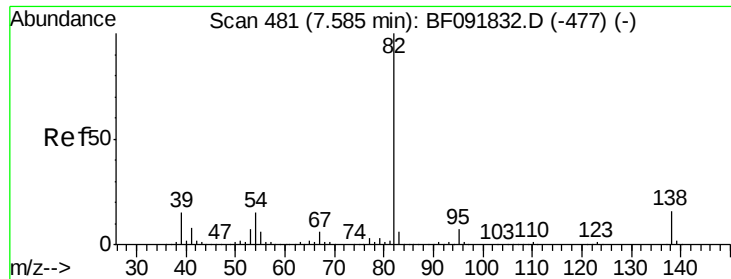
Tgt Ion: 82 Resp: 992411
 Ion Ratio Lower Upper
 82 100
 128 40.1 34.6 52.0
 54 51.2 39.5 59.3



#24
 Nitrobenzene
 Concen: 33.59 ng
 RT: 7.12 min Scan# 467
 Delta R.T. -0.11 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Tgt Ion: 77 Resp: 558229
 Ion Ratio Lower Upper
 77 100
 123 49.2 33.0 49.4
 65 13.3 11.2 16.8





#25

Isophorone

Concen: 38.04 ng

RT: 7.36 min Scan# 488

Delta R.T. -0.11 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

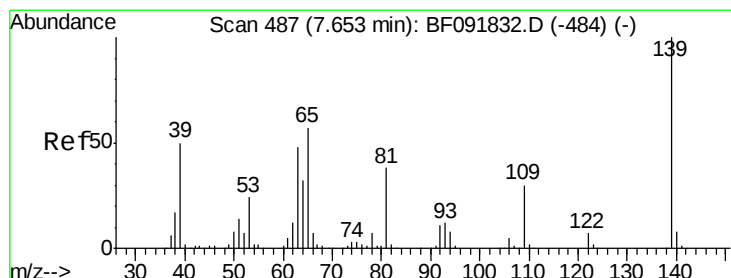
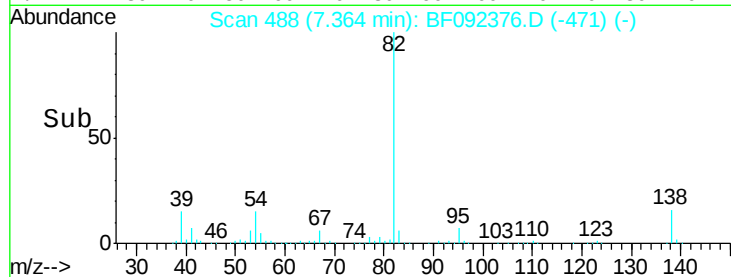
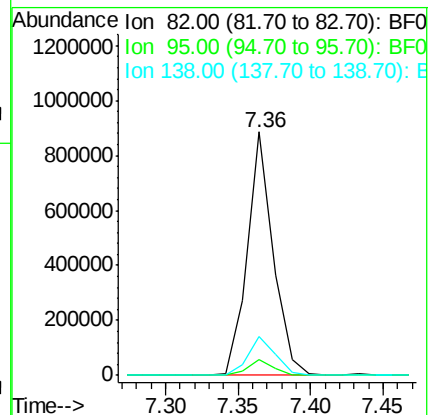
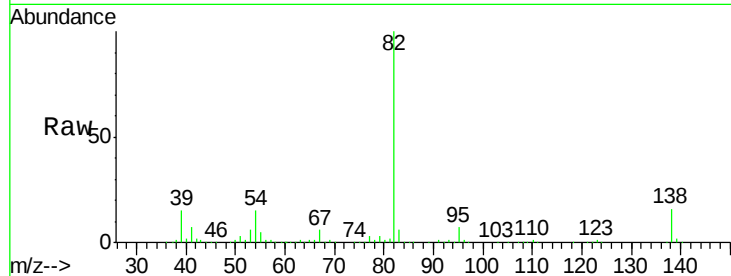
Tgt Ion: 82 Resp: 1094864

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 16.0 14.6 22.0



#26

2-Nitrophenol

Concen: 43.16 ng

RT: 7.44 min Scan# 495

Delta R.T. -0.11 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

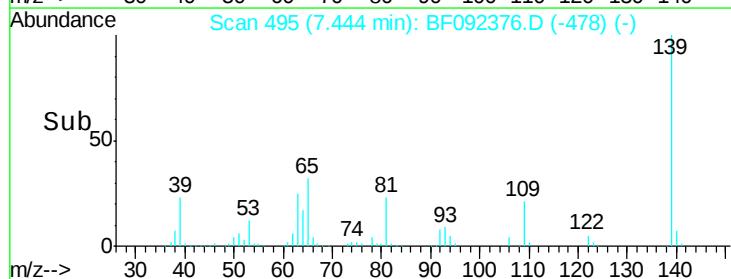
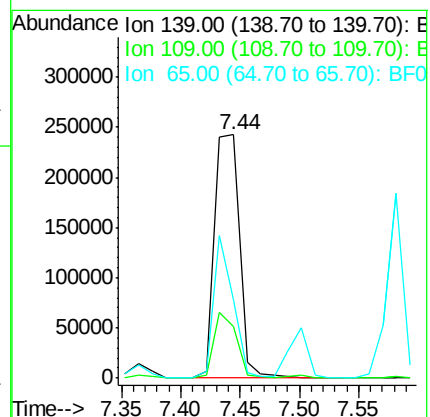
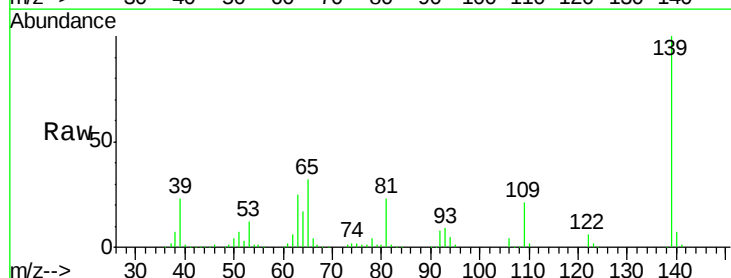
Tgt Ion: 139 Resp: 353715

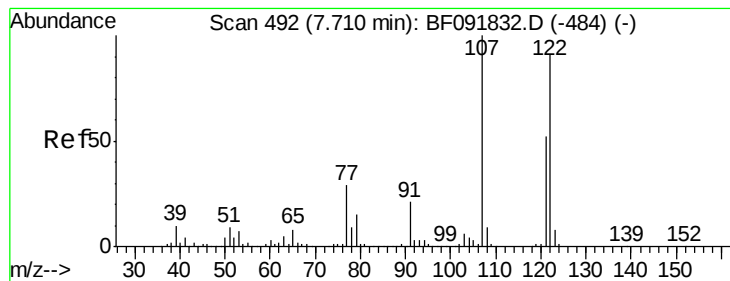
Ion Ratio Lower Upper

139 100

109 21.0 23.3 34.9#

65 32.5 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 44.55 ng

RT: 7.50 min Scan# 500

Delta R.T. -0.11 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

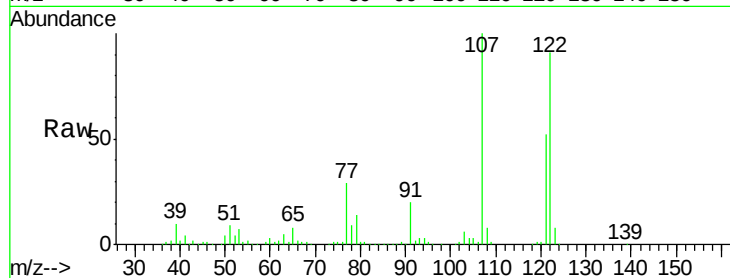
Tgt Ion:122 Resp: 605533

Ion Ratio Lower Upper

122 100

107 109.8 94.1 141.1

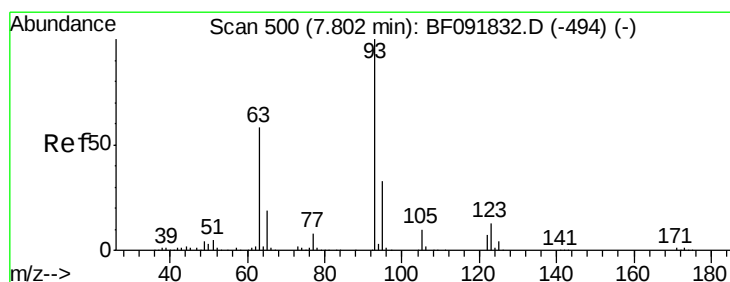
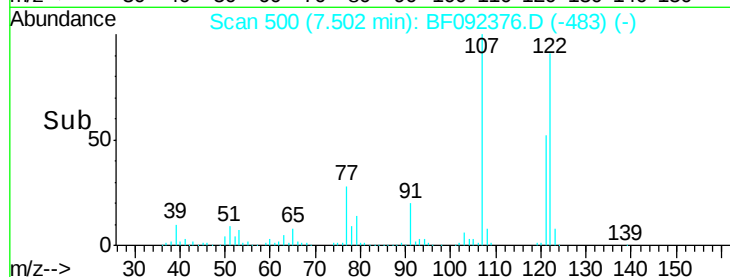
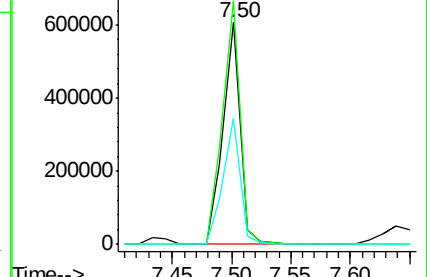
121 56.7 46.0 69.0



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: 47.05 ng

RT: 7.58 min Scan# 507

Delta R.T. -0.11 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

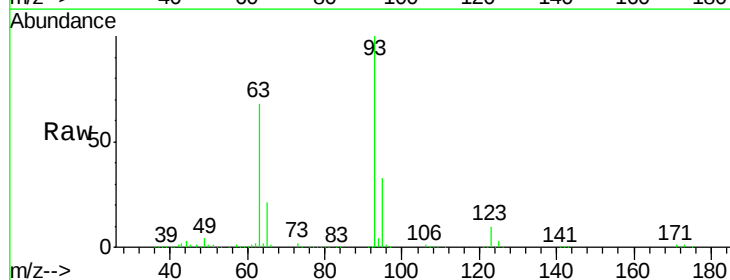
Tgt Ion: 93 Resp: 821278

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

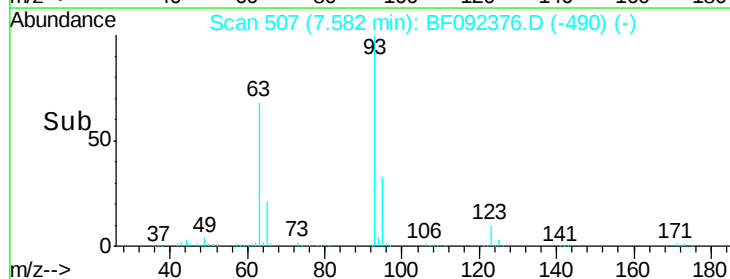
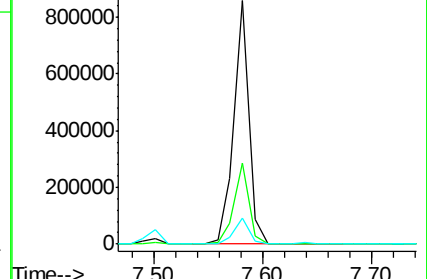
123 10.5 8.6 13.0

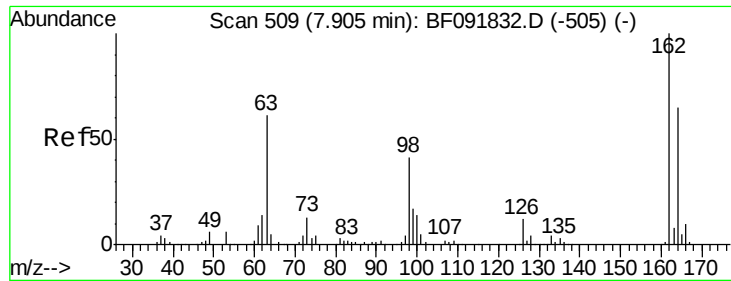


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

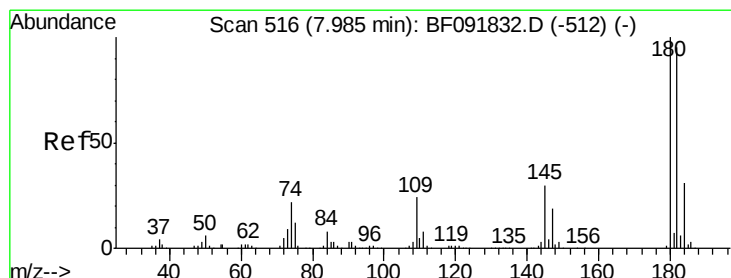
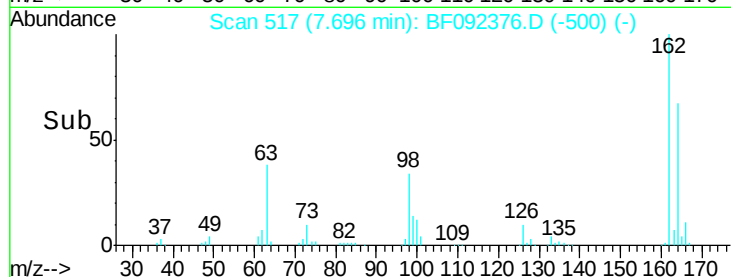
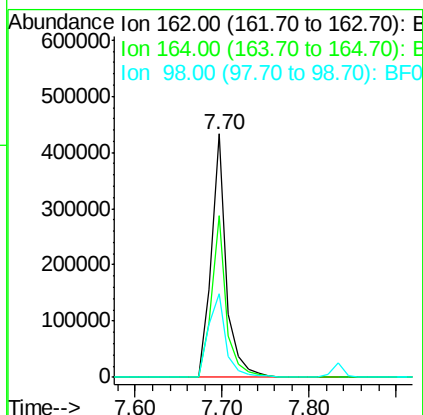
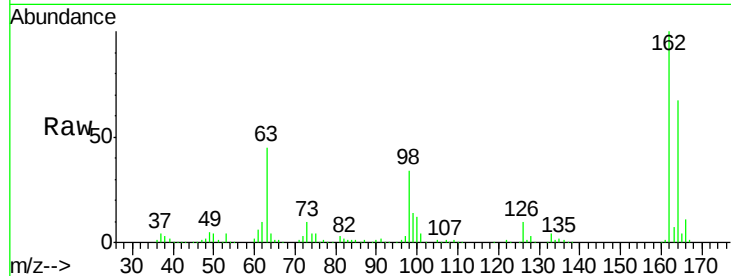




#29
2,4-Dichlorophenol
Concen: 45.93 ng
RT: 7.70 min Scan# 517
Delta R.T. -0.11 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

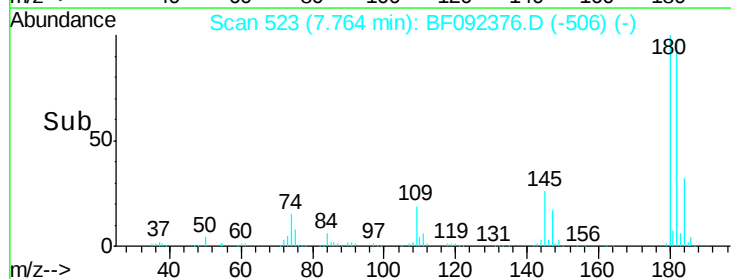
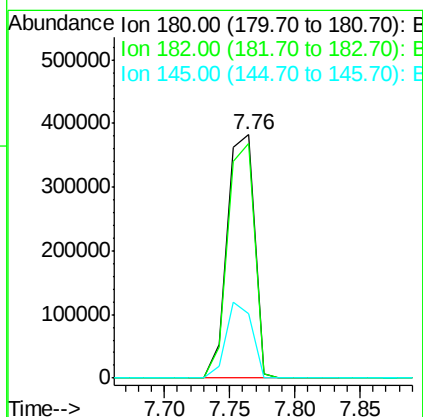
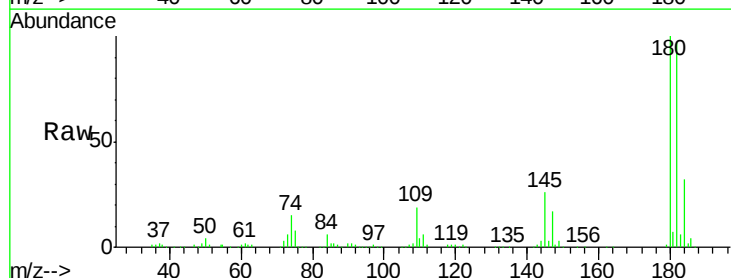
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

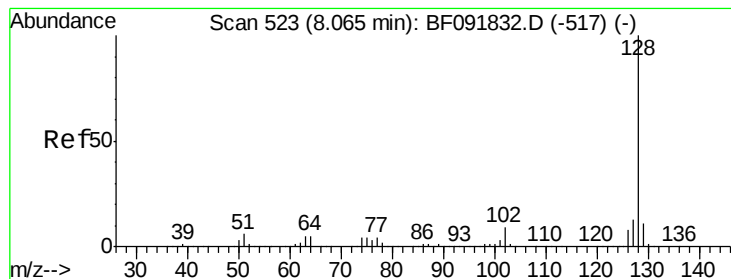
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.5	46.8	86.8
98	34.5	9.1	49.1



#30
1,2,4-Trichlorobenzene
Concen: 43.74 ng
RT: 7.76 min Scan# 523
Delta R.T. -0.11 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	78.2	117.4
145	26.4	21.6	32.4





#31

Naphthalene

Concen: 43.82 ng

RT: 7.83 min Scan# 529

Delta R.T. -0.12 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

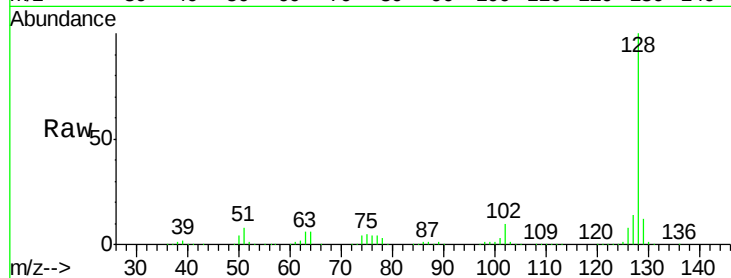
Tgt Ion:128 Resp: 1739812

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

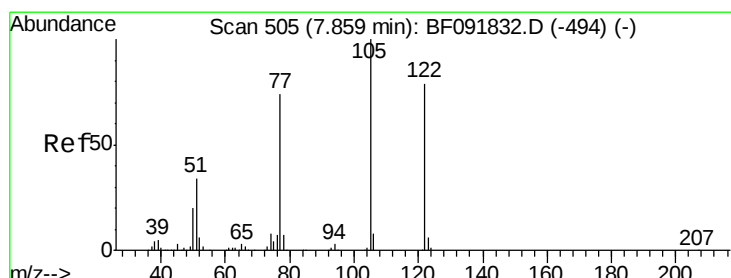
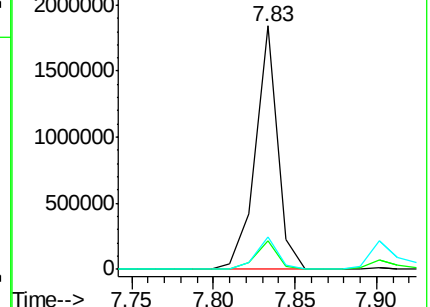
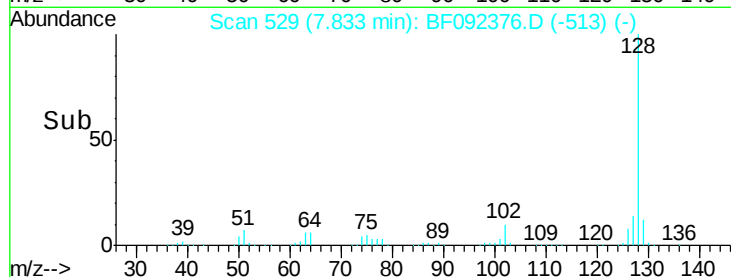
127 13.5 10.8 16.2



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: 10.84 ng

RT: 7.64 min Scan# 512

Delta R.T. -0.11 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

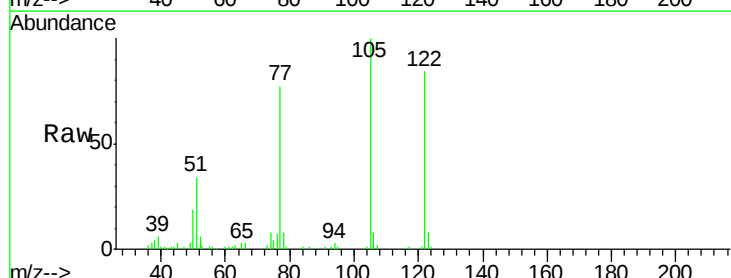
Tgt Ion:122 Resp: 109329

Ion Ratio Lower Upper

122 100

105 119.1 107.2 147.2

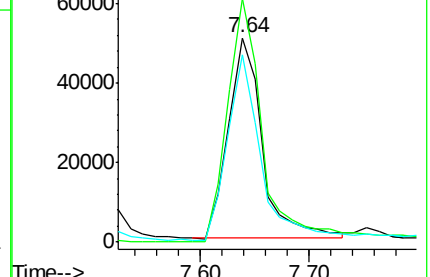
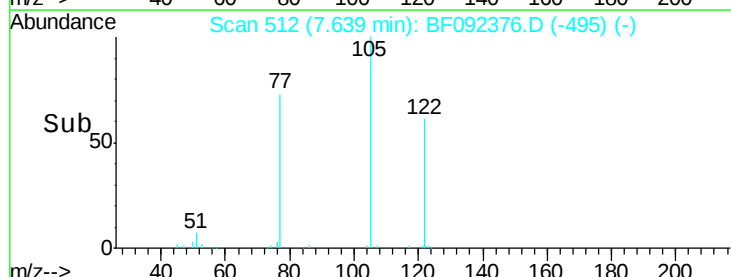
77 91.7 74.5 114.5

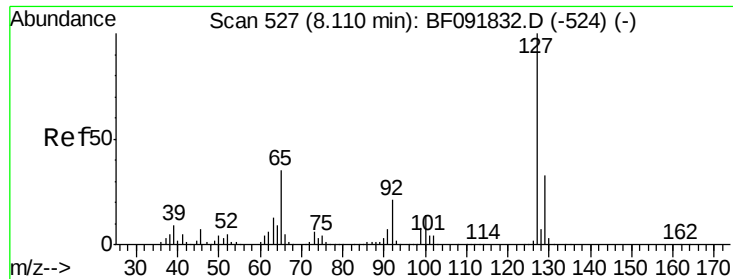


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

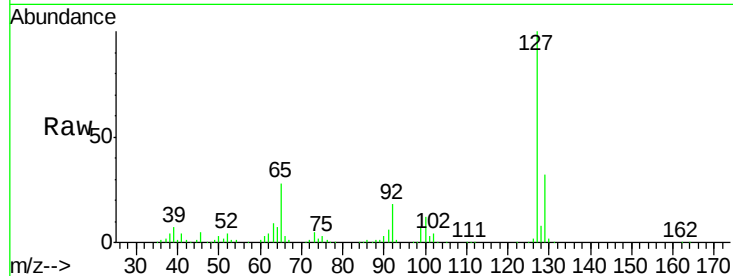




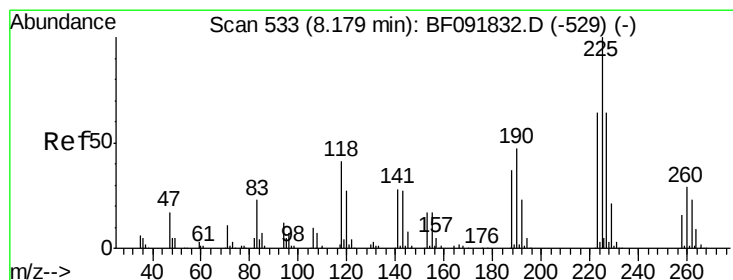
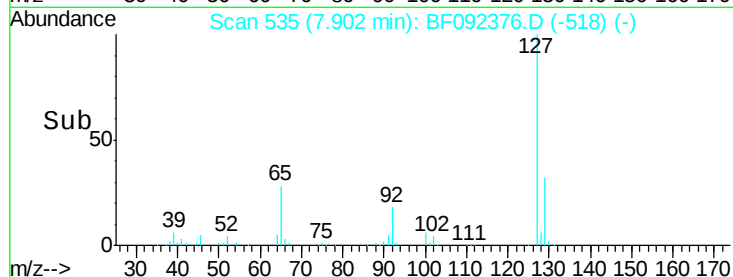
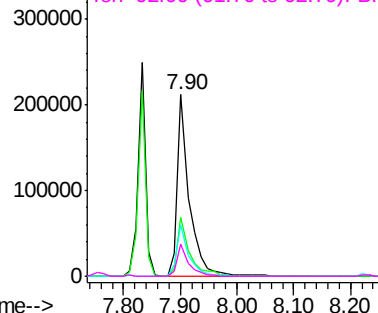
#33
4-Chloroaniline
Concen: 16.54 ng
RT: 7.90 min Scan# 535
Delta R.T. -0.11 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

Tgt Ion:	127	Resp:	296105
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	27.9	25.8	38.8
92	17.6	16.1	24.1

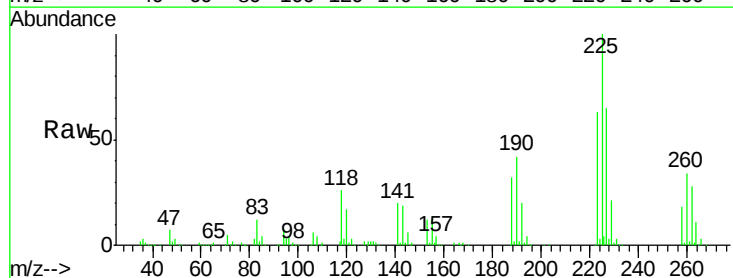


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

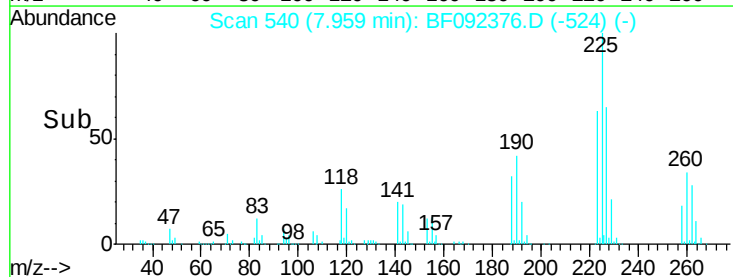
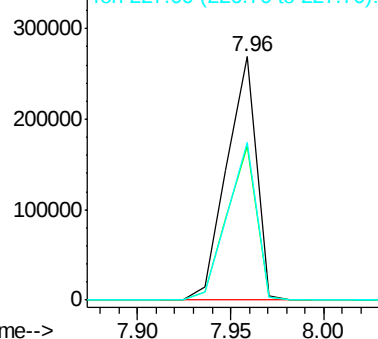


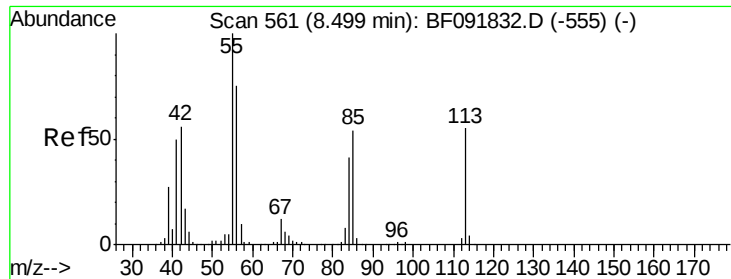
#34
Hexachlorobutadiene
Concen: 44.54 ng
RT: 7.96 min Scan# 540
Delta R.T. -0.12 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion:	225	Resp:	296497
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.6
227	64.9	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

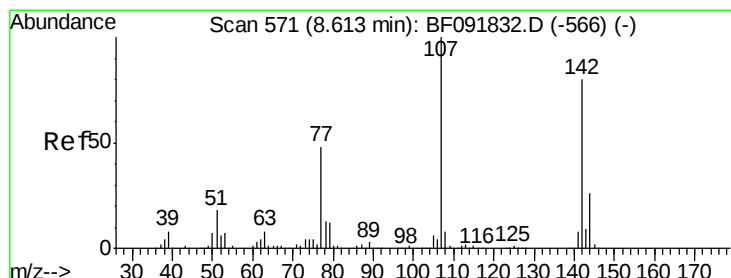
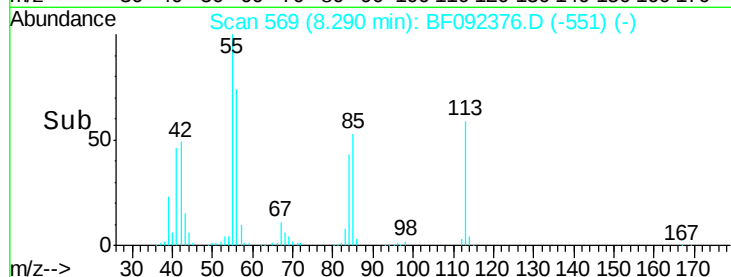
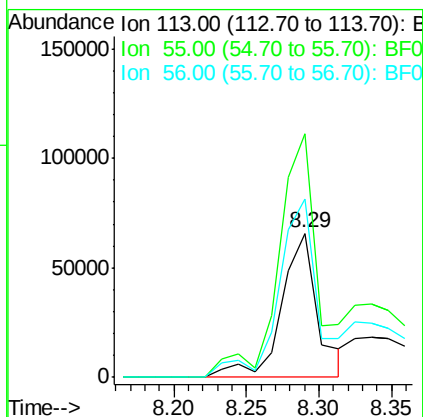
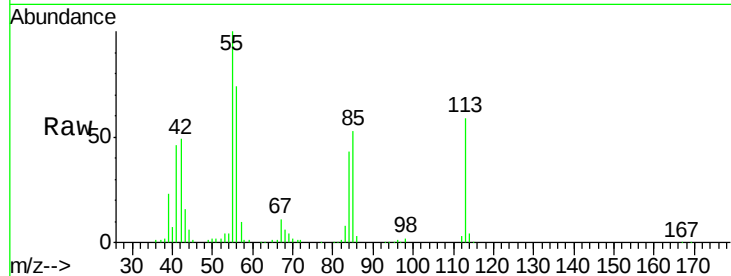




#35
 Caprolactam
 Concen: 30.04 ng
 RT: 8.29 min Scan# 569
 Delta R.T. -0.10 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

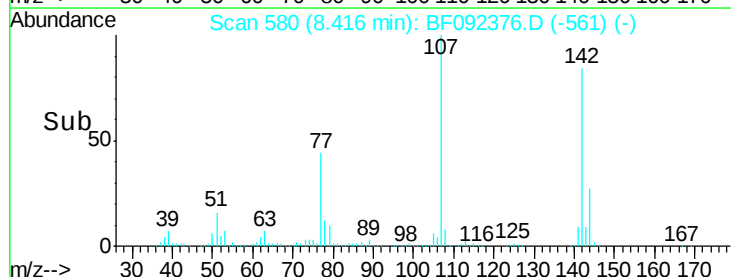
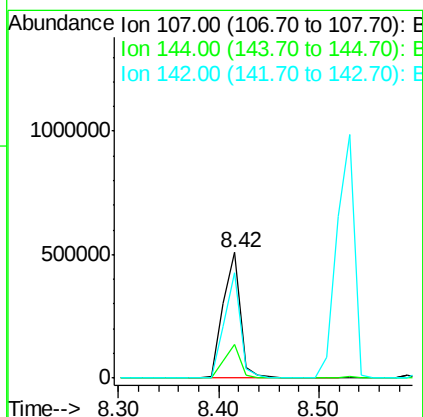
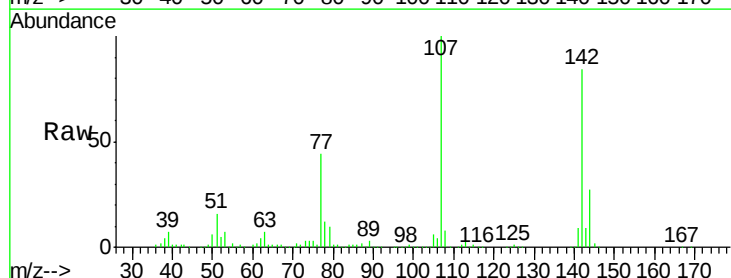
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

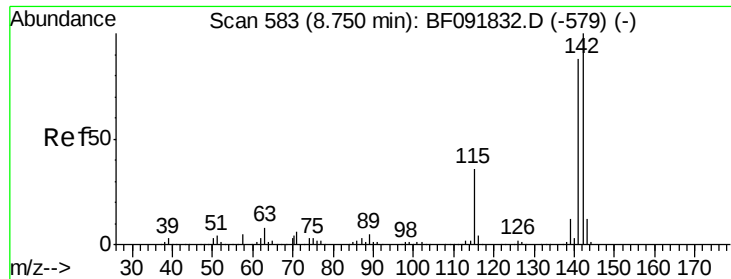
Tgt Ion:113 Resp: 113622
 Ion Ratio Lower Upper
 113 100
 55 169.3 119.2 159.2#
 56 124.5 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 46.00 ng
 RT: 8.42 min Scan# 580
 Delta R.T. -0.09 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Tgt Ion:107 Resp: 609233
 Ion Ratio Lower Upper
 107 100
 144 27.2 19.3 28.9
 142 83.6 59.0 88.6

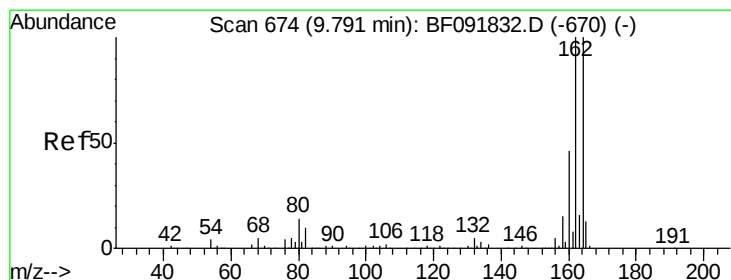
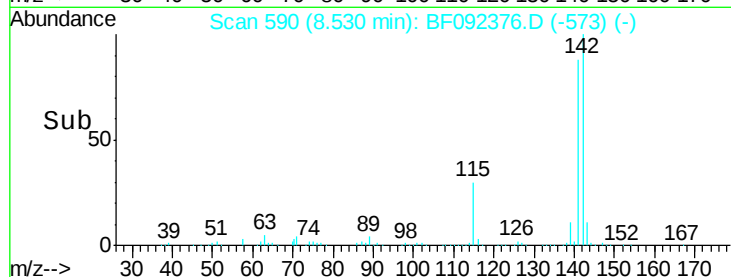
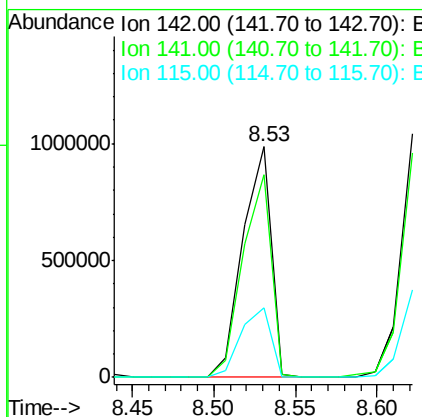
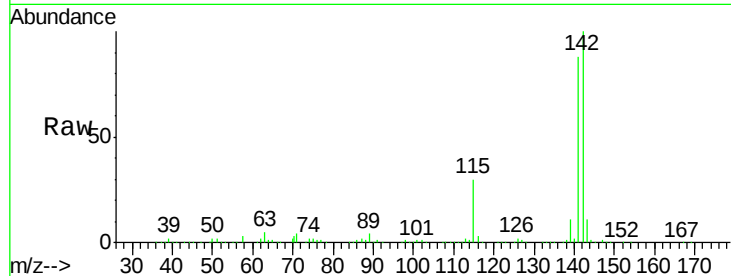




#37
2-Methylnaphthalene
Concen: 52.93 ng
RT: 8.53 min Scan# 590
Delta R.T. -0.11 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

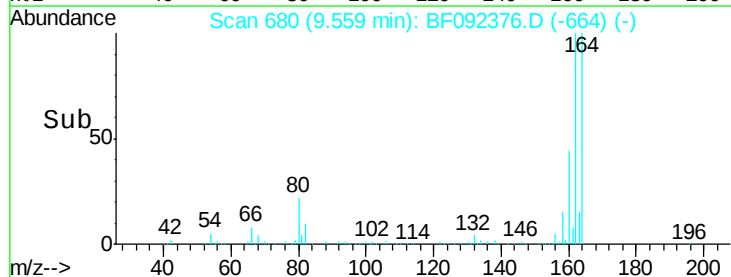
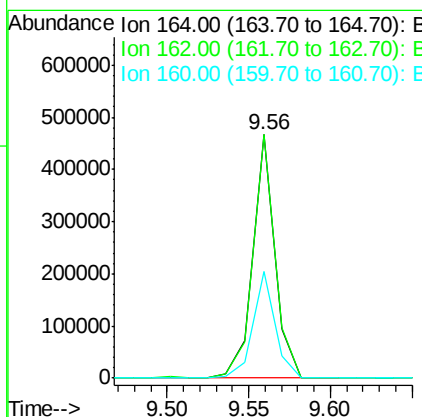
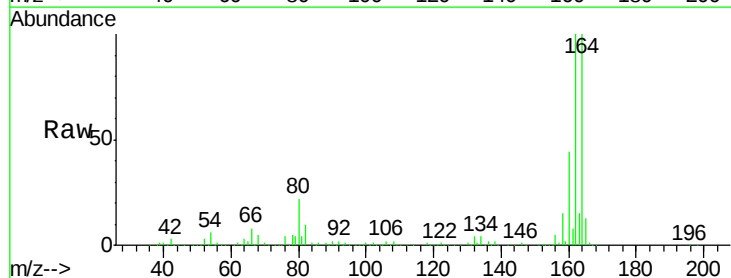
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

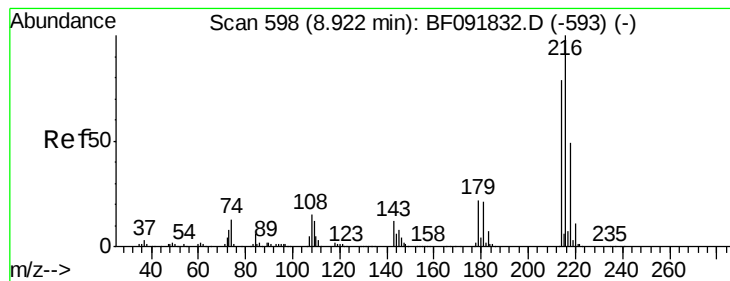
Tgt Ion:142 Resp: 1192990
Ion Ratio Lower Upper
142 100
141 87.7 71.0 106.6
115 29.9 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 680
Delta R.T. -0.12 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion:164 Resp: 439812
Ion Ratio Lower Upper
164 100
162 99.9 80.2 120.2
160 43.6 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.50 ng

RT: 8.69 min Scan# 604

Delta R.T. -0.12 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

Tgt Ion:216 Resp: 483329

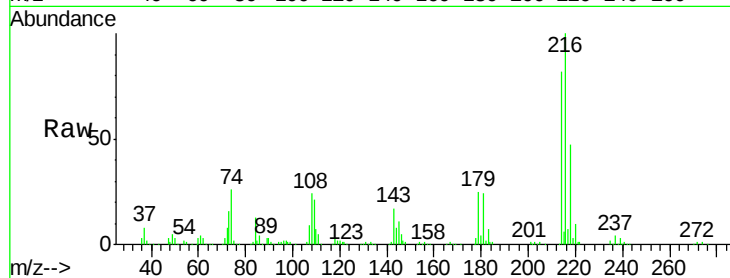
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.0

179 22.3 17.4 26.2

108 19.8 15.6 23.4

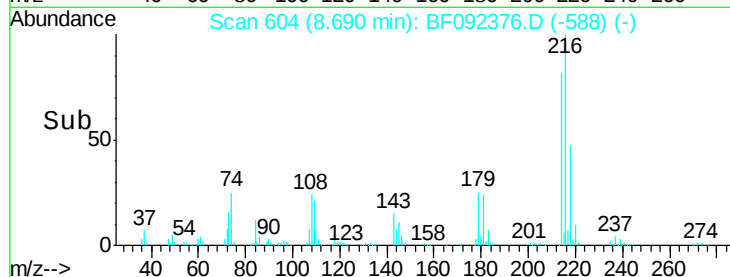


Abundance Ion 216.00 (215.70 to 216.70): E

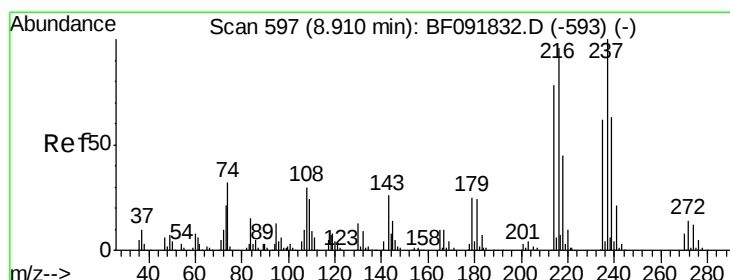
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 39.55 ng

RT: 8.68 min Scan# 603

Delta R.T. -0.12 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

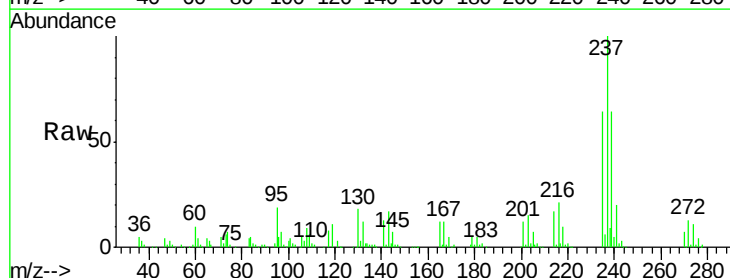
Tgt Ion:237 Resp: 185232

Ion Ratio Lower Upper

237 100

235 63.8 41.2 81.2

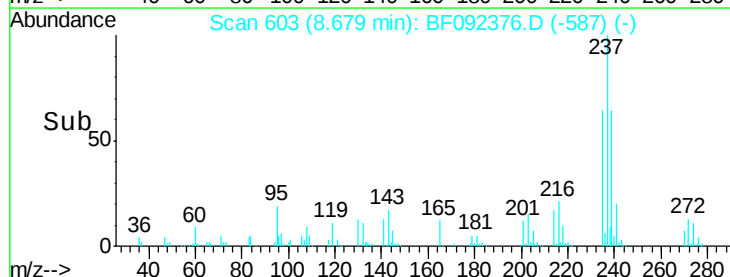
272 13.2 0.0 35.4



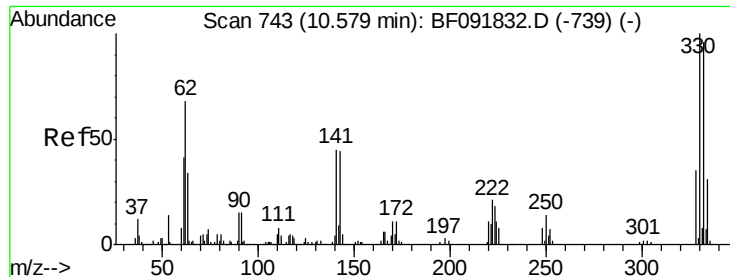
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



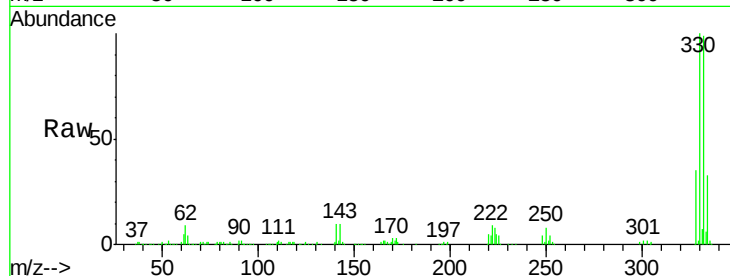
Time-->



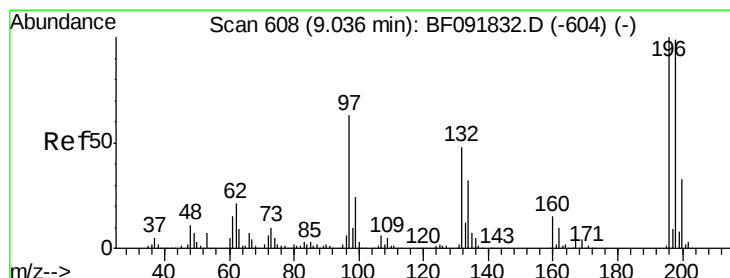
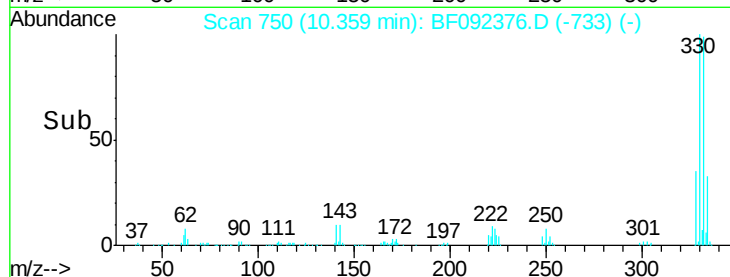
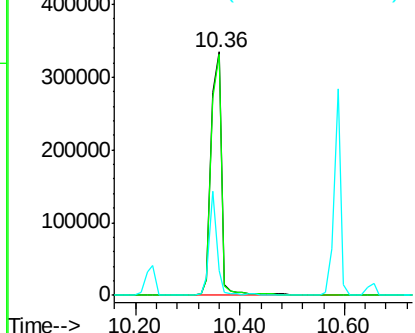
#41
 2,4,6-Tribromophenol
 Concen: 130.09 ng
 RT: 10.36 min Scan# 750
 Delta R.T. -0.11 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tgt Ion:330 Resp: 473512
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 31.0 34.1 51.1#

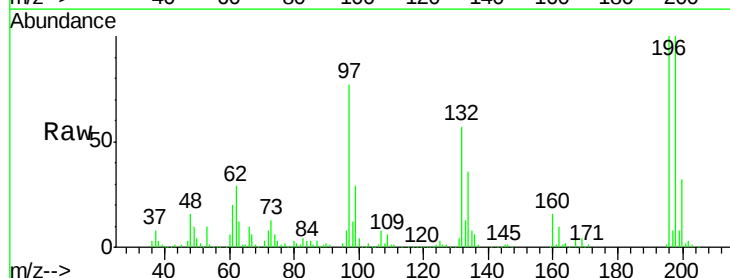


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

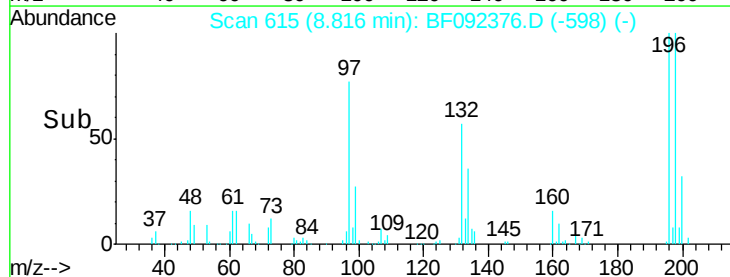
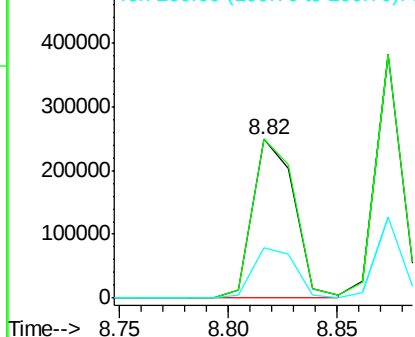


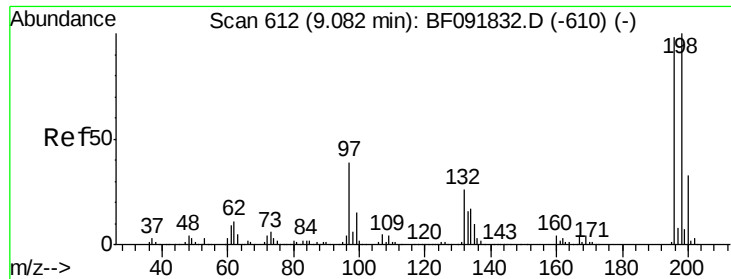
#42
 2,4,6-Trichlorophenol
 Concen: 42.64 ng
 RT: 8.82 min Scan# 615
 Delta R.T. -0.11 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Tgt Ion:196 Resp: 331325
 Ion Ratio Lower Upper
 196 100
 198 99.8 82.1 123.1
 200 32.0 27.0 40.4



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

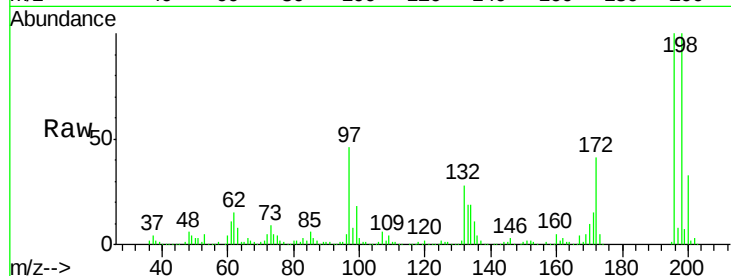




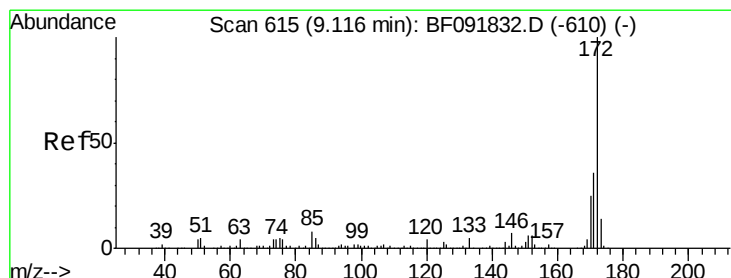
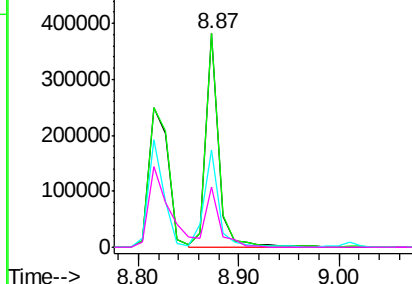
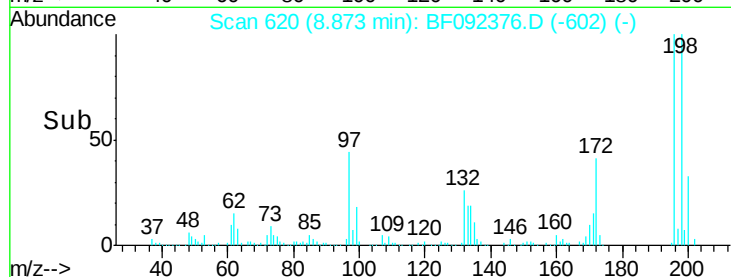
#43
 2,4,5-Trichlorophenol
 Concen: 42.21 ng
 RT: 8.87 min Scan# 620
 Delta R.T. -0.10 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tgt Ion:196 Resp: 337556
 Ion Ratio Lower Upper
 196 100
 198 100.2 79.4 119.2
 97 45.7 51.5 77.3#
 132 28.5 27.4 41.2

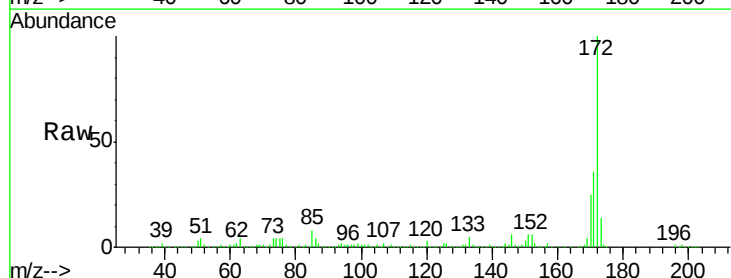


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

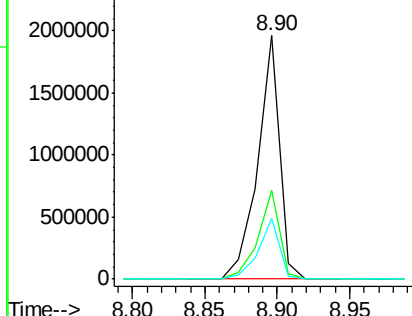
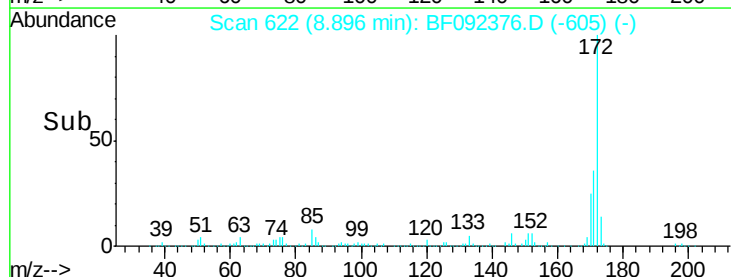


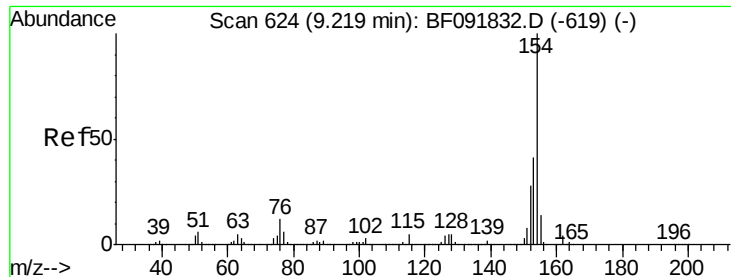
#44
 2-Fluorobiphenyl
 Concen: 96.99 ng
 RT: 8.90 min Scan# 622
 Delta R.T. -0.11 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Tgt Ion:172 Resp: 2042943
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.7 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.36 ng

RT: 9.00 min Scan# 631

Delta R.T. -0.11 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

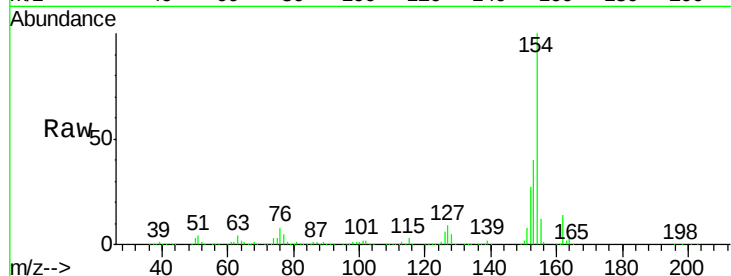
Tgt Ion:154 Resp: 1395949

Ion Ratio Lower Upper

154 100

153 39.6 20.9 60.9

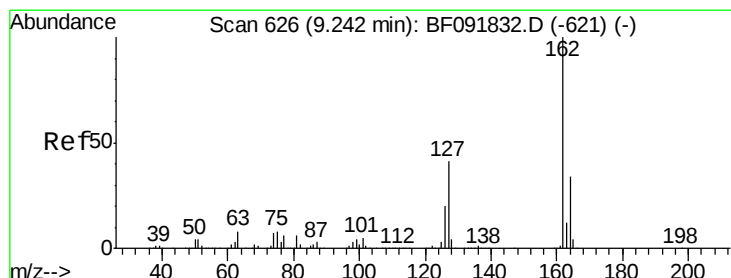
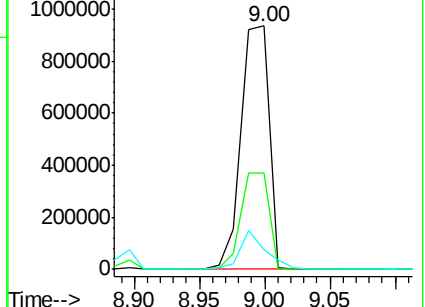
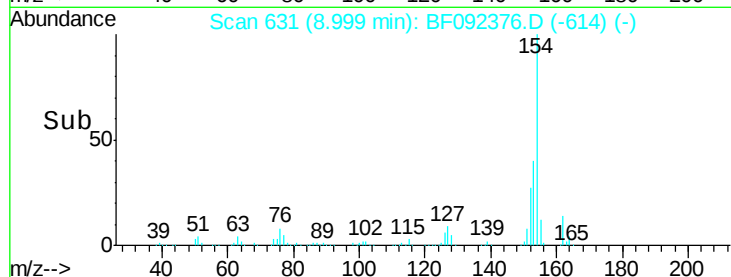
76 8.1 0.0 30.5



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: 41.94 ng

RT: 9.01 min Scan# 632

Delta R.T. -0.12 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

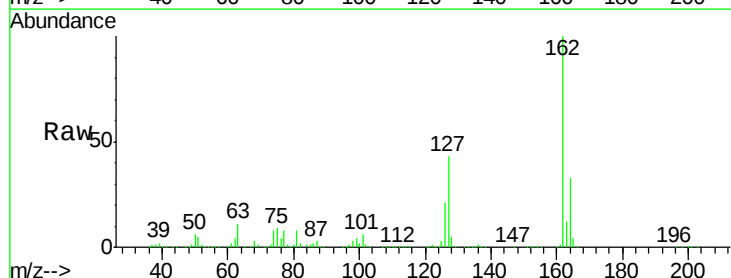
Tgt Ion:162 Resp: 1000224

Ion Ratio Lower Upper

162 100

127 43.2 30.7 46.1

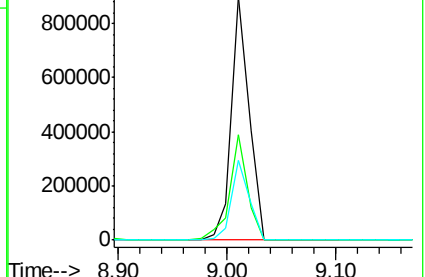
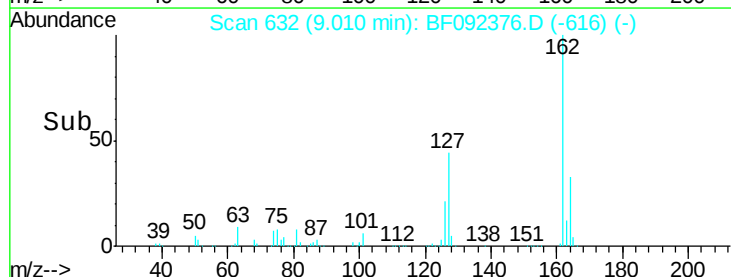
164 33.0 27.6 41.4

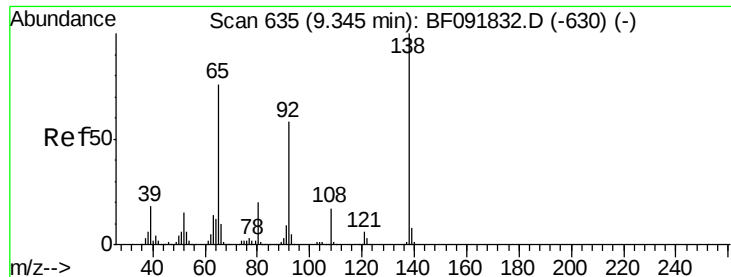


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.60 ng

RT: 9.12 min Scan# 642

Delta R.T. -0.11 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

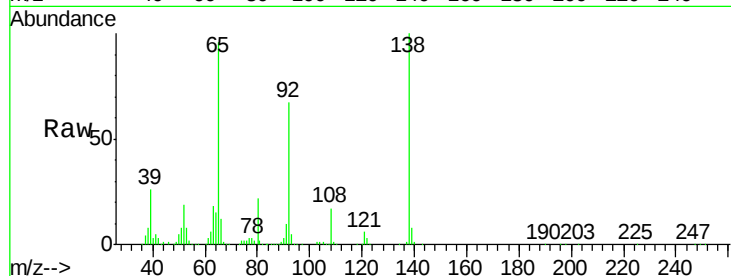
Tgt Ion: 65 Resp: 370238

Ion Ratio Lower Upper

65 100

92 69.9 53.9 80.9

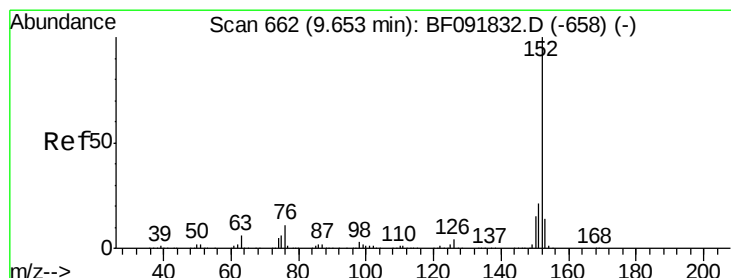
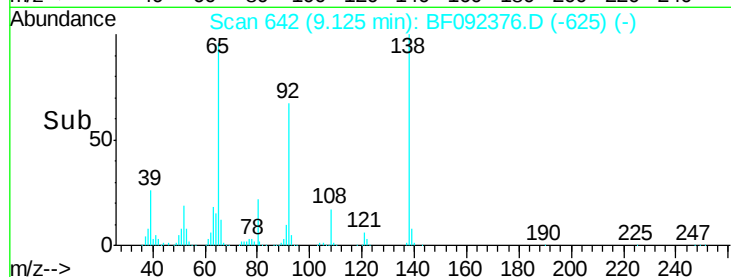
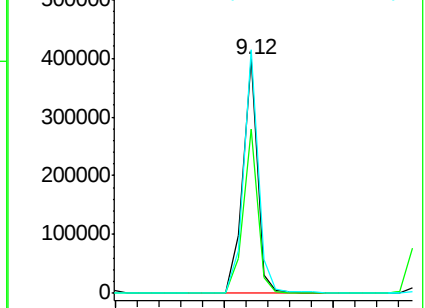
138 104.0 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 40.99 ng

RT: 9.42 min Scan# 668

Delta R.T. -0.12 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

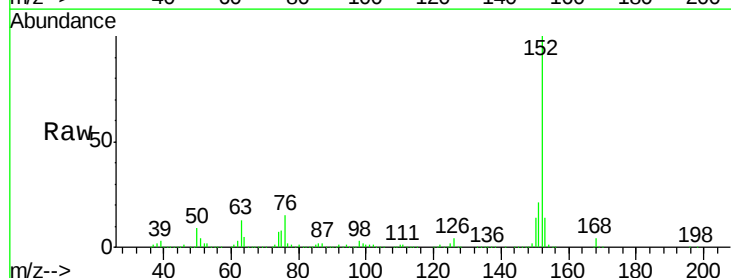
Tgt Ion: 152 Resp: 1503275

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

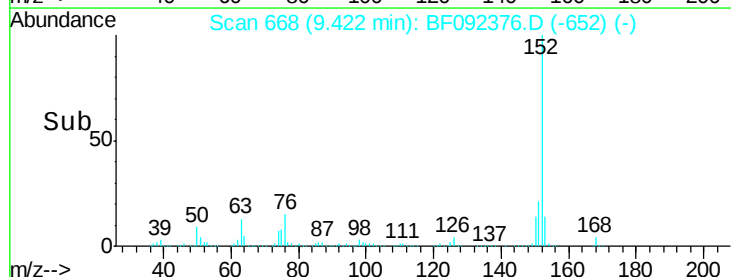
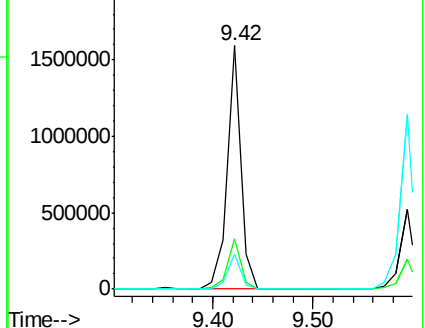
153 14.3 11.4 17.2

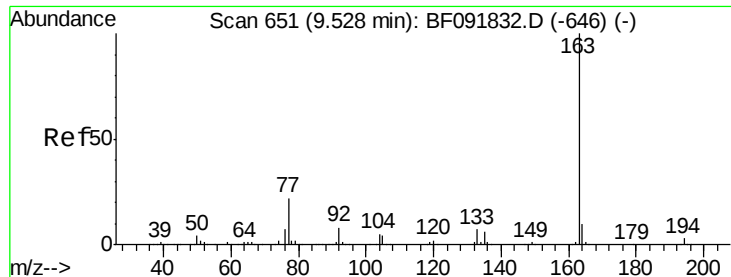


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 49.85 ng

RT: 9.31 min Scan# 658

Delta R.T. -0.11 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

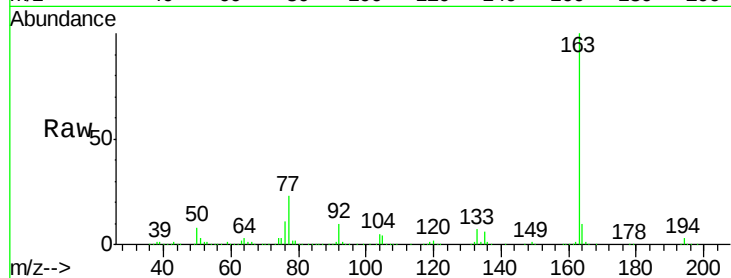
Tgt Ion:163 Resp: 1402171

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

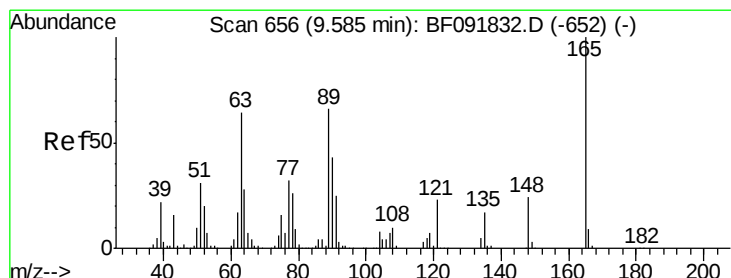
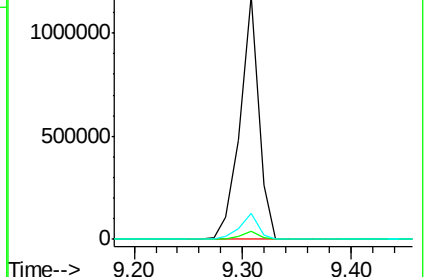
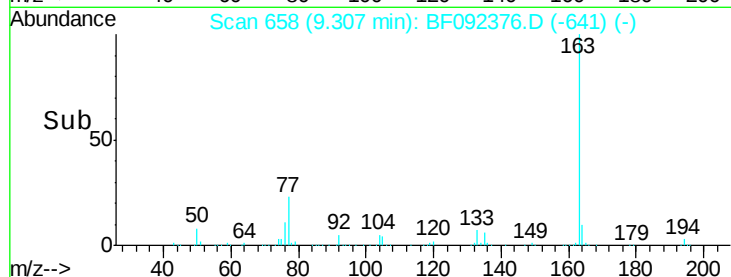
164 10.5 8.0 12.0



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: 45.02 ng

RT: 9.38 min Scan# 664

Delta R.T. -0.10 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

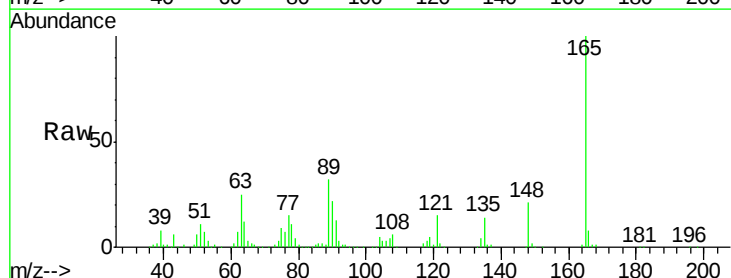
Tgt Ion:165 Resp: 277190

Ion Ratio Lower Upper

165 100

63 24.7 36.2 54.4#

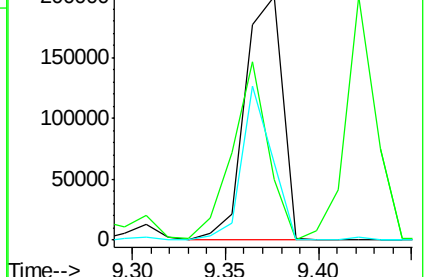
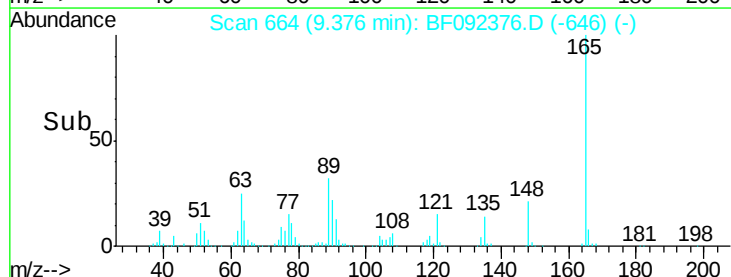
89 31.9 40.2 60.4#

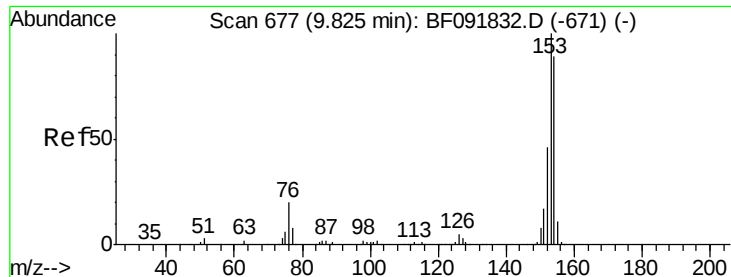


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.20 ng

RT: 9.59 min Scan# 683

Delta R.T. -0.12 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

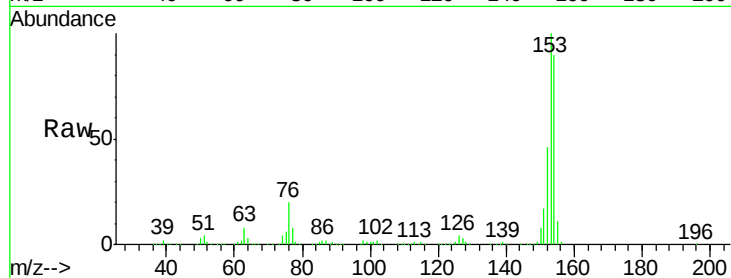
Tgt Ion:154 Resp: 949887

Ion Ratio Lower Upper

154 100

153 111.5 88.6 133.0

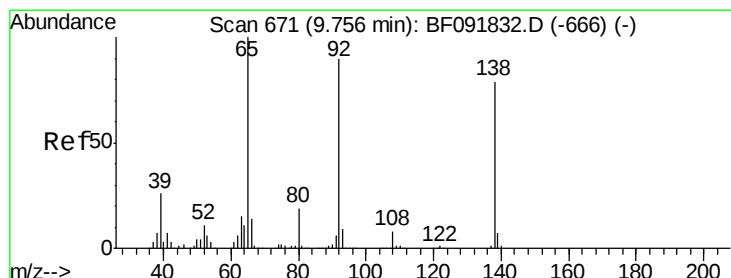
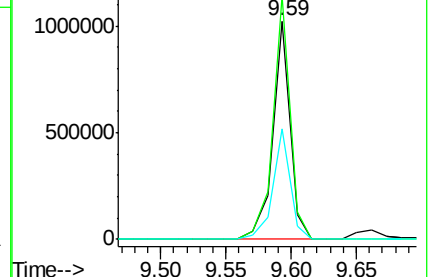
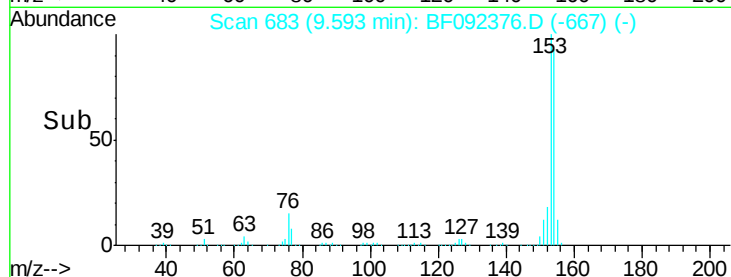
152 50.8 41.6 62.4



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: 26.61 ng

RT: 9.54 min Scan# 678

Delta R.T. -0.11 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

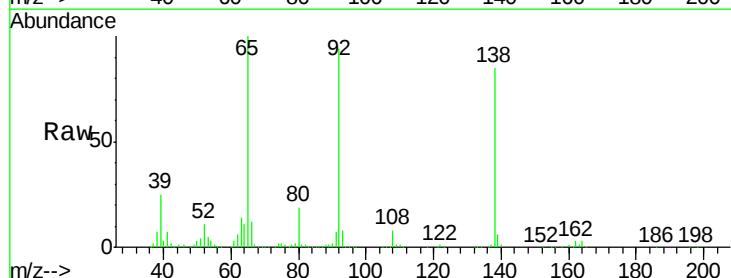
Tgt Ion:138 Resp: 202760

Ion Ratio Lower Upper

138 100

108 9.6 8.5 12.7

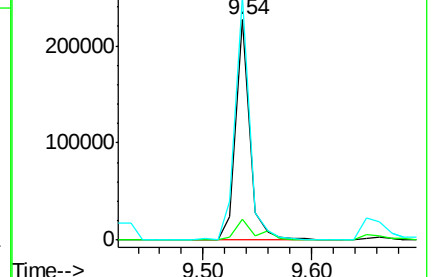
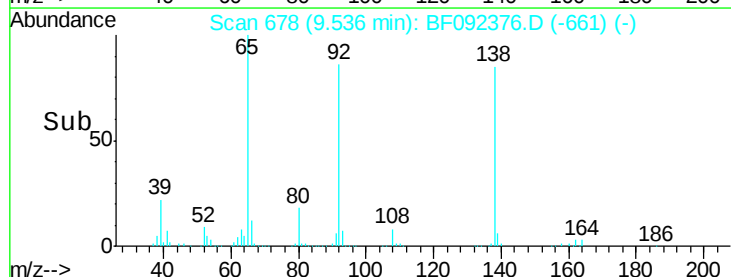
92 110.6 97.8 146.8

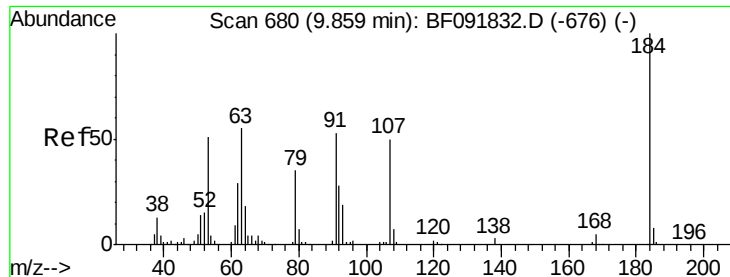


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

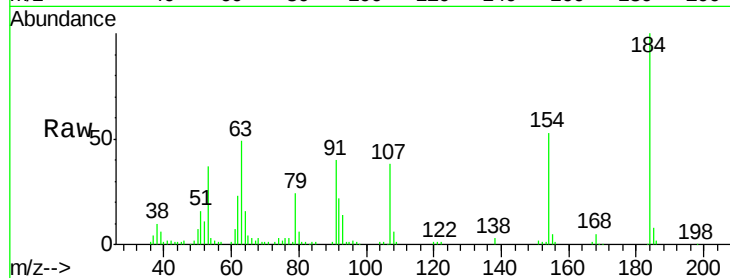




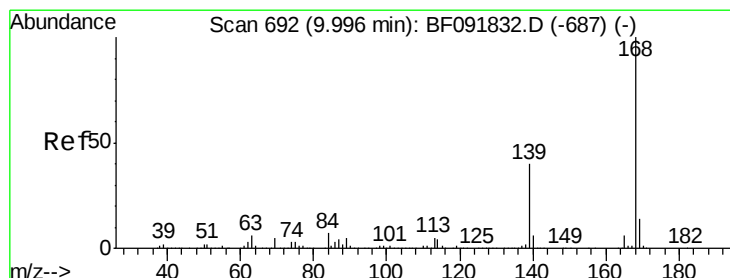
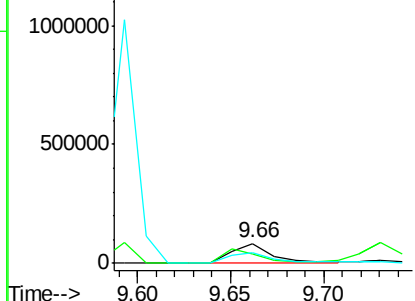
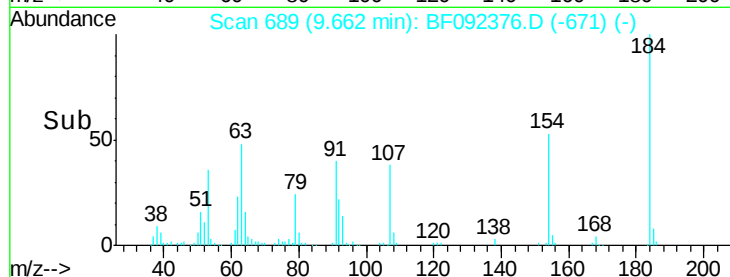
#53
 2,4-Dinitrophenol
 Concen: 38.29 ng
 RT: 9.66 min Scan# 689
 Delta R.T. -0.10 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tgt Ion:184 Resp: 131161
 Ion Ratio Lower Upper
 184 100
 63 48.9 28.4 42.6#
 154 53.3 44.3 66.5

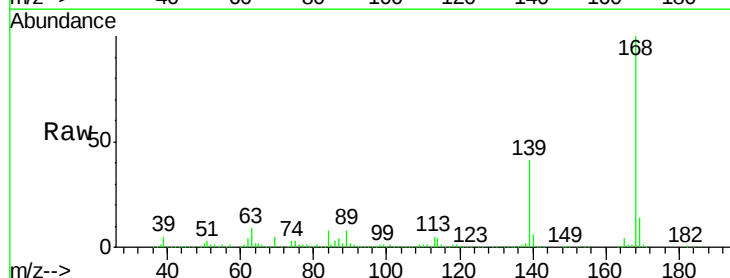


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

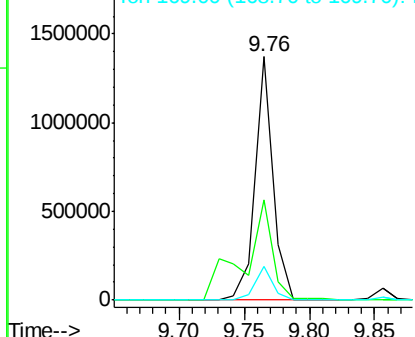
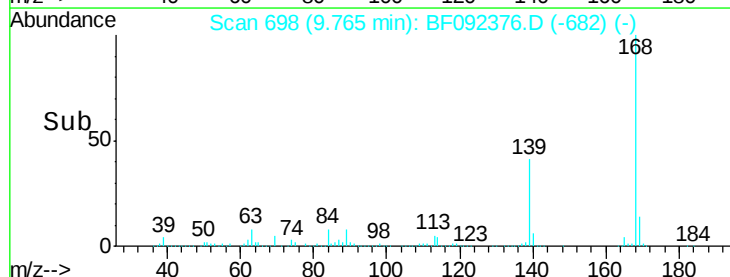


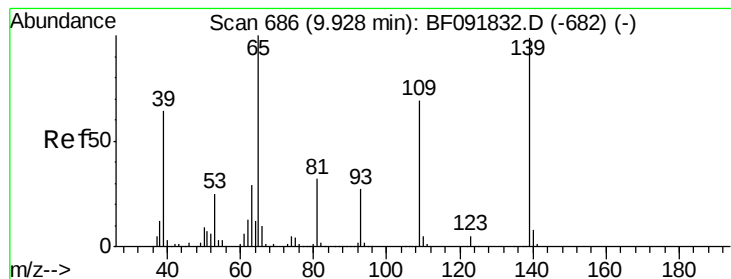
#54
 Dibenzofuran
 Concen: 39.17 ng
 RT: 9.76 min Scan# 698
 Delta R.T. -0.12 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Tgt Ion:168 Resp: 1315282
 Ion Ratio Lower Upper
 168 100
 139 41.4 32.6 49.0
 169 13.8 11.3 16.9



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





#55

4-Nitrophenol

Concen: 172.20 ng

RT: 9.76 min Scan# 698

Delta R.T. -0.07 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

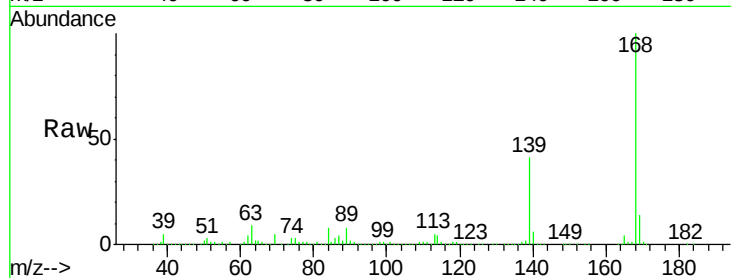
Tgt Ion:139 Resp: 890878

Ion Ratio Lower Upper

139 100

109 3.2 52.2 92.2#

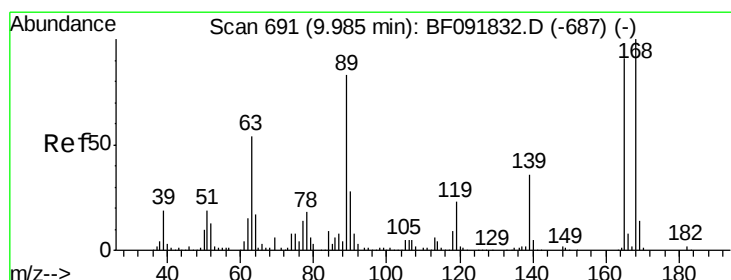
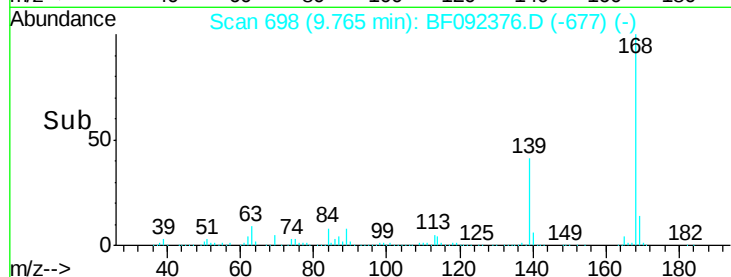
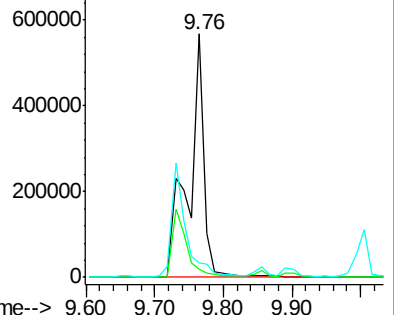
65 5.7 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.25 ng

RT: 9.78 min Scan# 699

Delta R.T. -0.11 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Tgt Ion:165 Resp: 349664

Ion Ratio Lower Upper

165 100

63 46.6 40.2 60.4

89 80.7 62.5 93.7

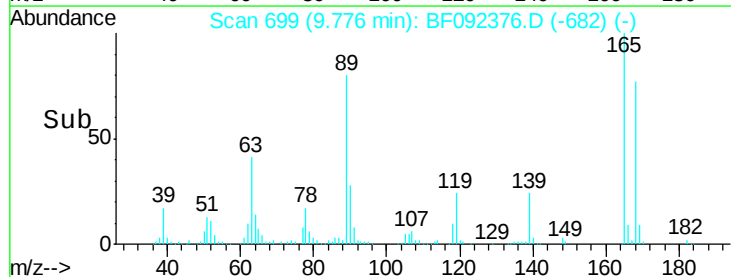
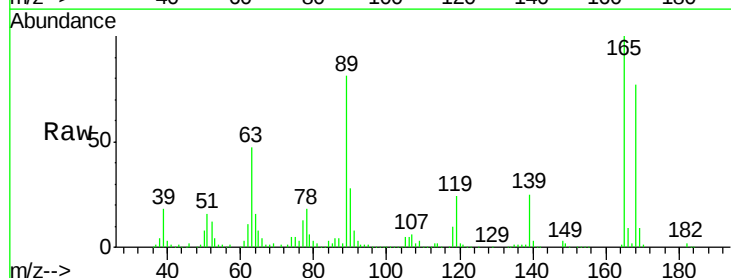
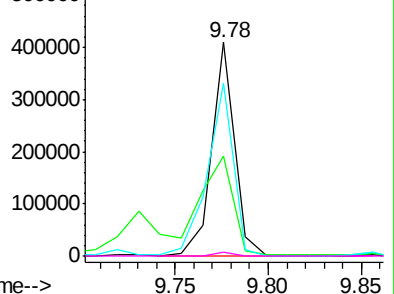
182 2.0 1.8 2.8

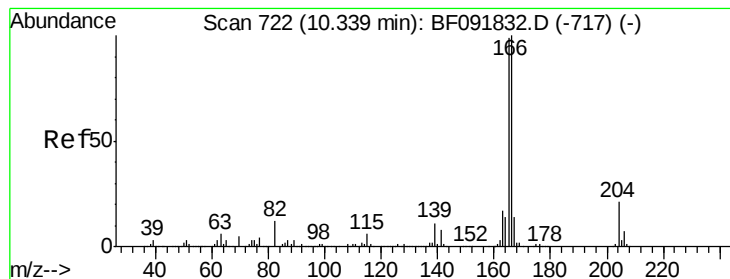
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.60 ng

RT: 10.11 min Scan# 728

Delta R.T. -0.12 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

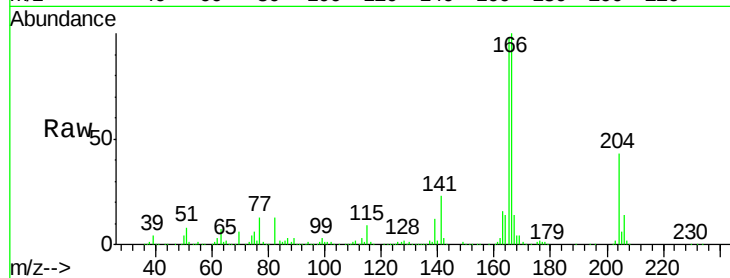
Tgt Ion:166 Resp: 991891

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.8

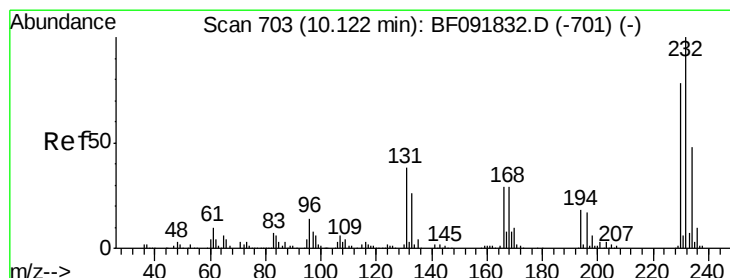
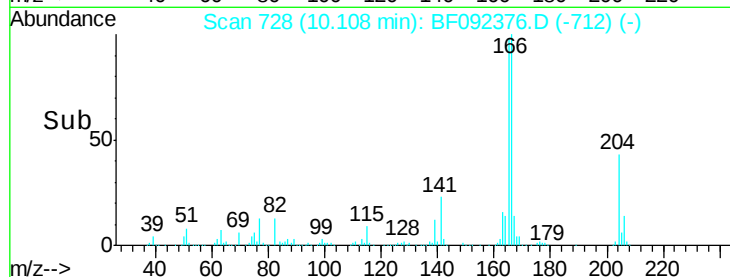
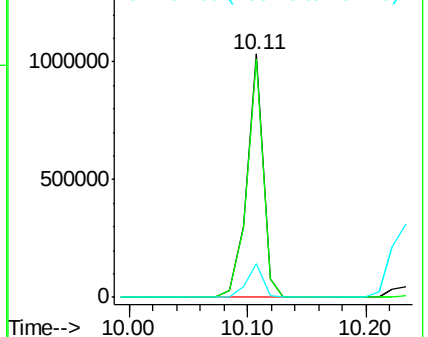
167 13.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.33 ng

RT: 9.90 min Scan# 710

Delta R.T. -0.11 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Tgt Ion:232 Resp: 286750

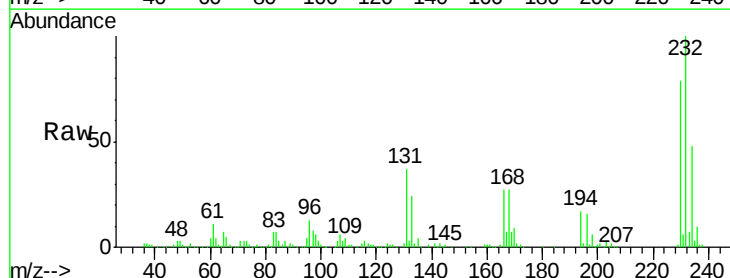
Ion Ratio Lower Upper

232 100

131 45.5 40.1 60.1

130 2.1 1.8 2.8

166 28.4 26.6 39.8

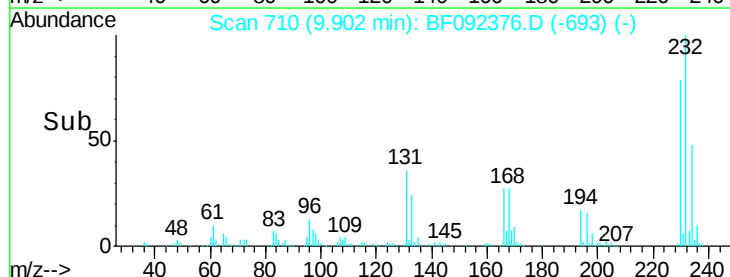
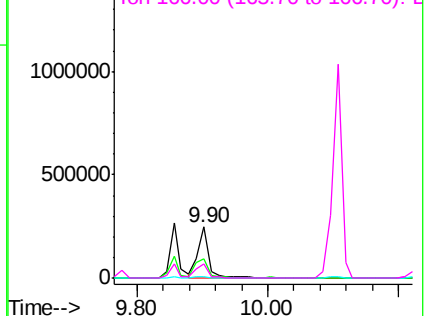


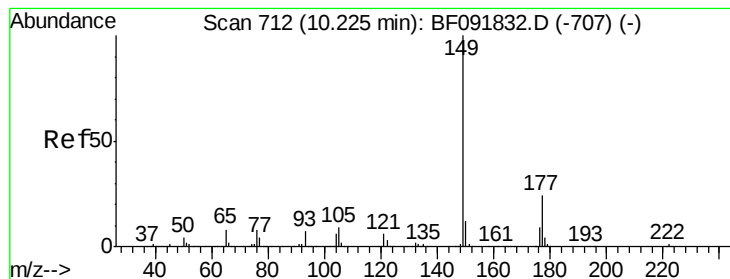
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.79 ng

RT: 10.00 min Scan# 719

Delta R.T. -0.11 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

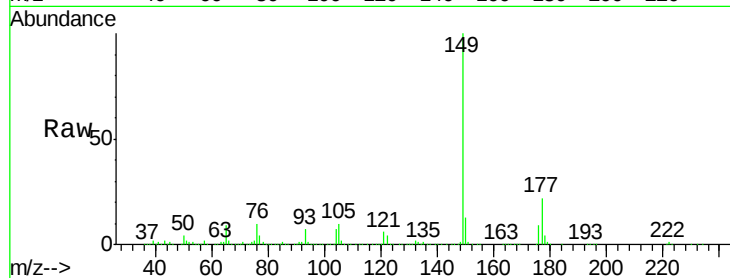
Tgt Ion:149 Resp: 1223700

Ion Ratio Lower Upper

149 100

177 22.2 16.6 25.0

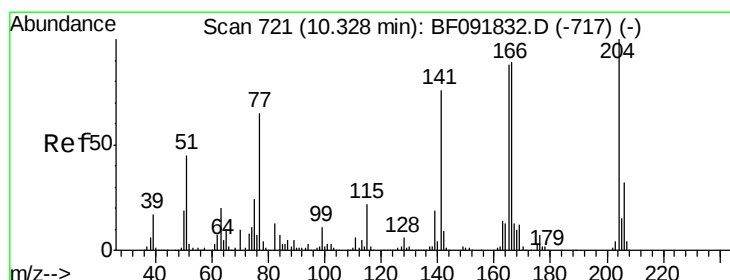
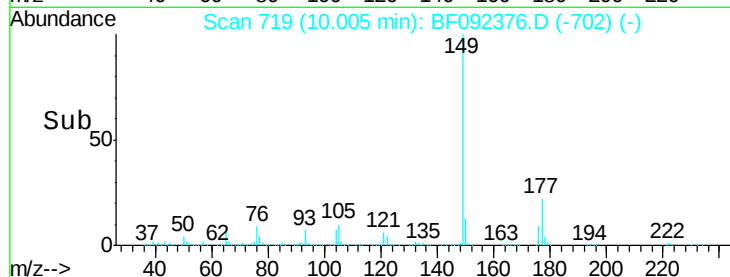
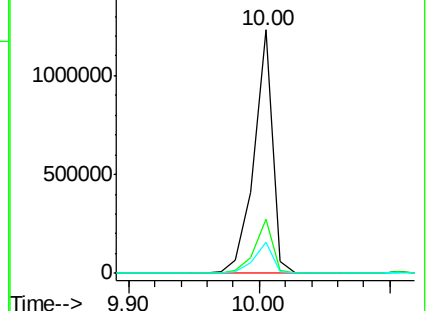
150 12.6 10.4 15.6



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: 45.04 ng

RT: 10.11 min Scan# 728

Delta R.T. -0.11 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

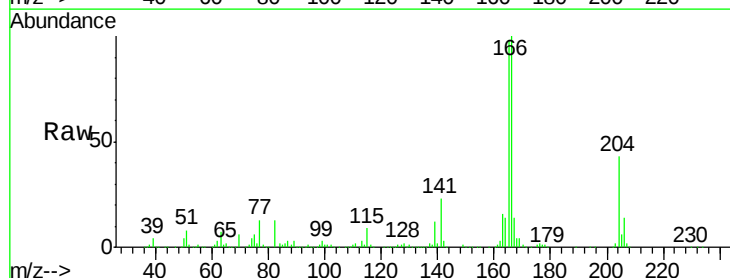
Tgt Ion:204 Resp: 481796

Ion Ratio Lower Upper

204 100

206 32.4 25.8 38.6

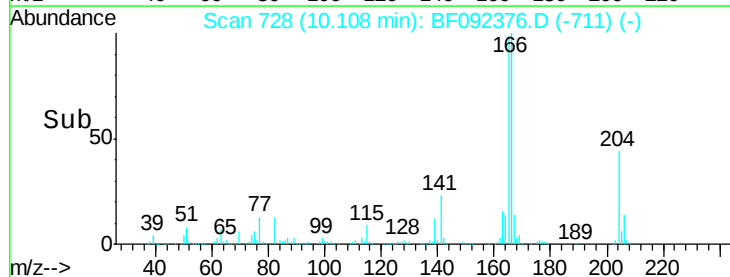
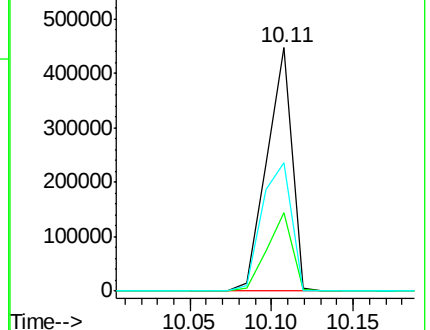
141 53.0 59.4 89.0#

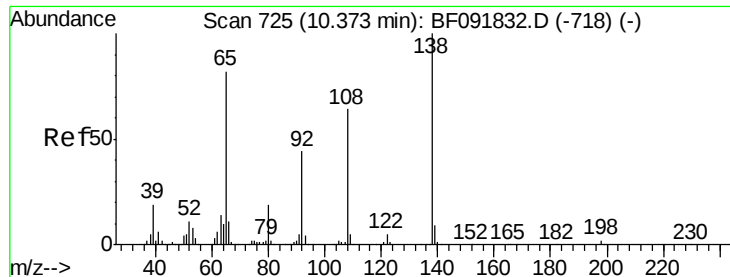


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

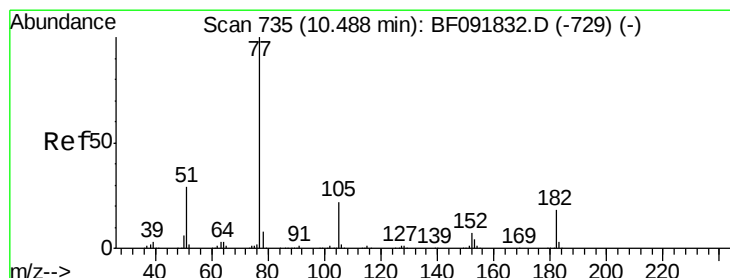
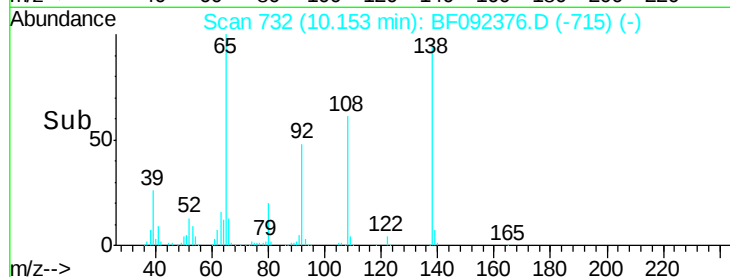
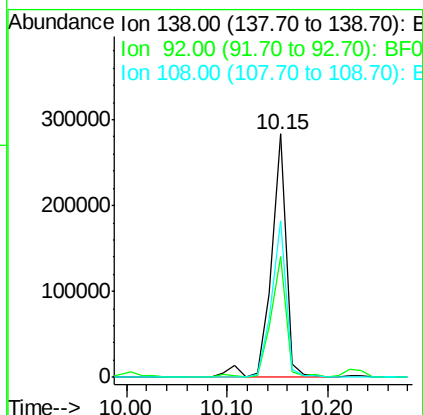
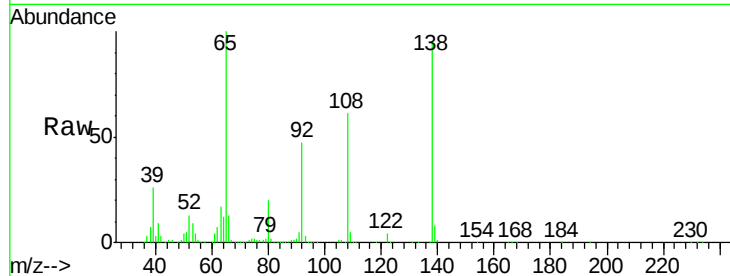




#61
4-Nitroaniline
Concen: 37.20 ng
RT: 10.15 min Scan# 732
Delta R.T. -0.11 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

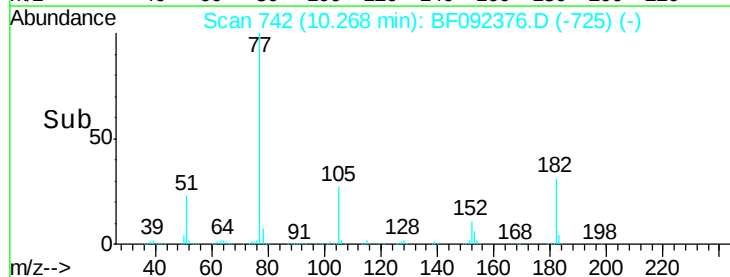
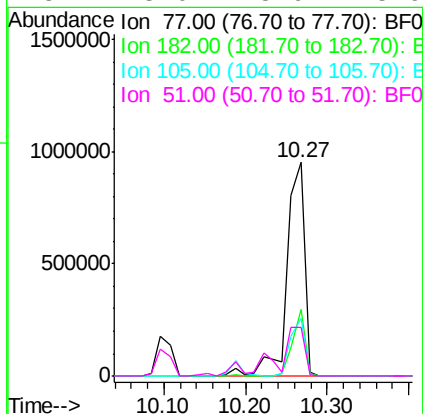
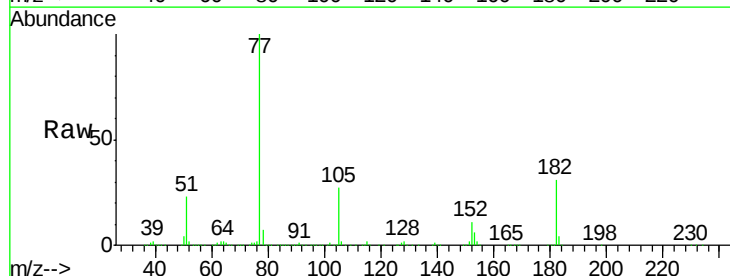
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

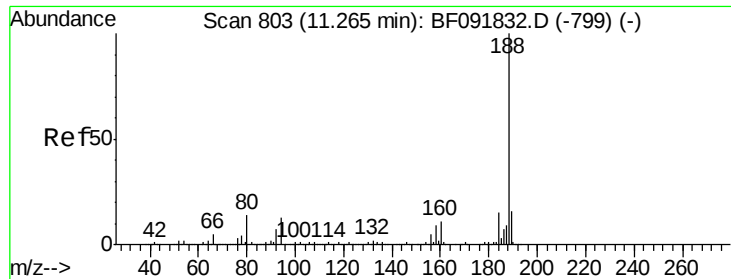
Tgt Ion: 138 Resp: 293718
Ion Ratio Lower Upper
138 100
92 49.6 31.7 71.7
108 64.1 52.6 92.6



#62
Azobenzene
Concen: 46.91 ng
RT: 10.27 min Scan# 742
Delta R.T. -0.11 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion: 77 Resp: 1410847
Ion Ratio Lower Upper
77 100
182 31.4 0.0 39.3
105 26.7 2.3 42.3
51 23.0 8.9 48.9

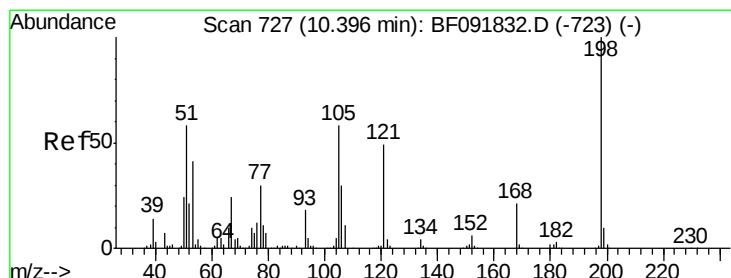
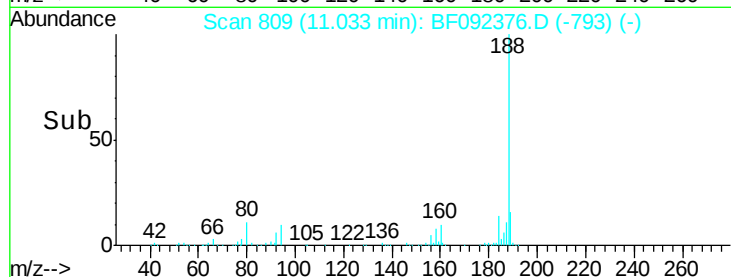
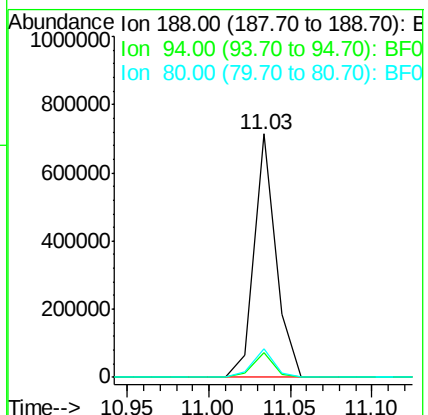
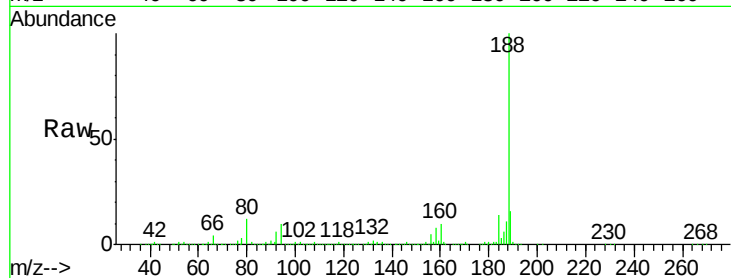




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 809
Delta R.T. -0.12 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

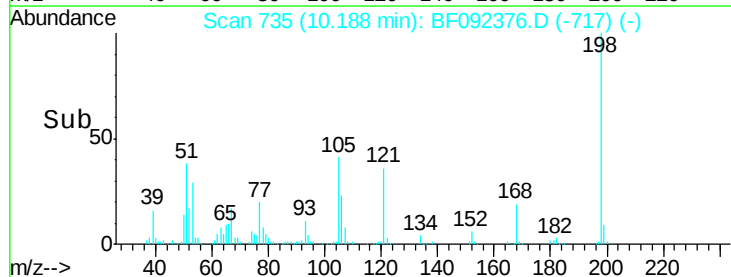
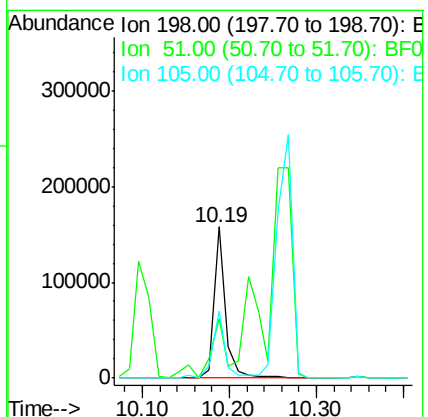
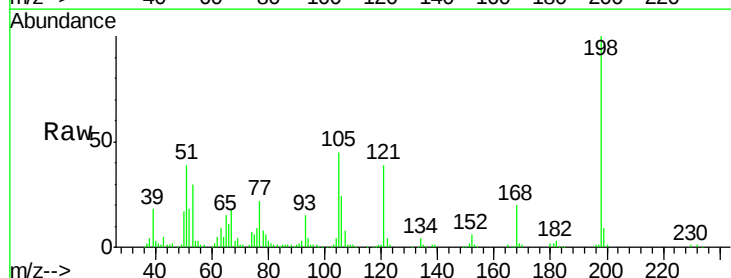
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

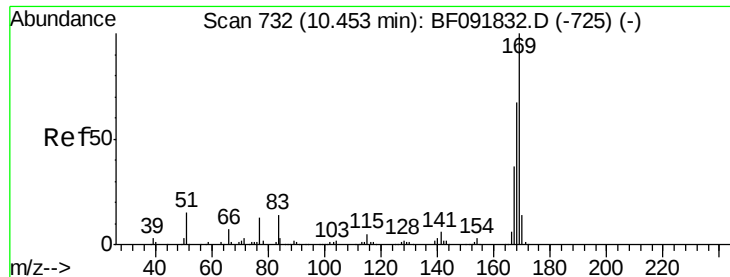
Tgt Ion:188 Resp: 666669
Ion Ratio Lower Upper
188 100
94 10.4 10.0 15.0
80 11.6 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 37.18 ng
RT: 10.19 min Scan# 735
Delta R.T. -0.10 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion:198 Resp: 149898
Ion Ratio Lower Upper
198 100
51 39.4 6.7 46.7
105 44.7 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 52.10 ng

RT: 10.23 min Scan# 739

Delta R.T. -0.11 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

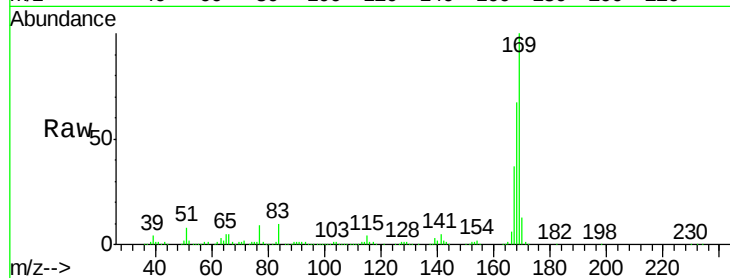
Tgt Ion:169 Resp: 1030756

Ion Ratio Lower Upper

169 100

168 67.1 54.2 81.2

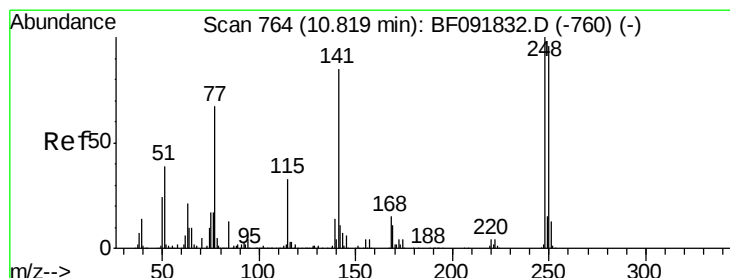
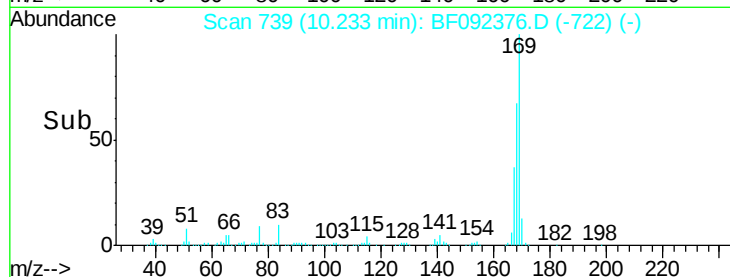
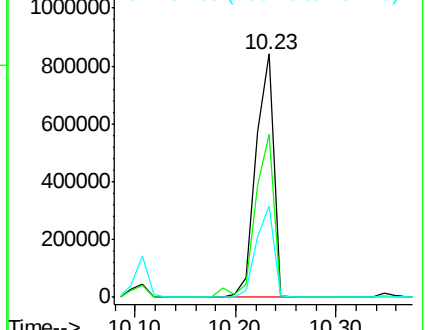
167 37.2 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.27 ng

RT: 10.59 min Scan# 770

Delta R.T. -0.12 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

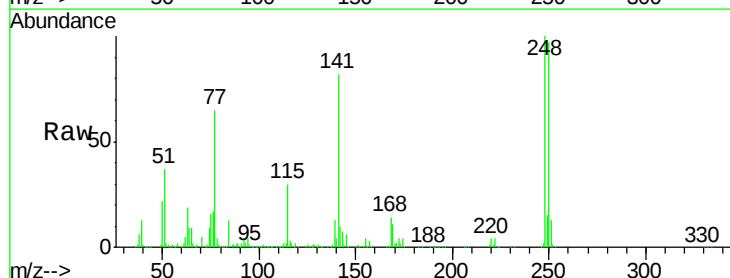
Tgt Ion:248 Resp: 306999

Ion Ratio Lower Upper

248 100

250 97.4 76.9 115.3

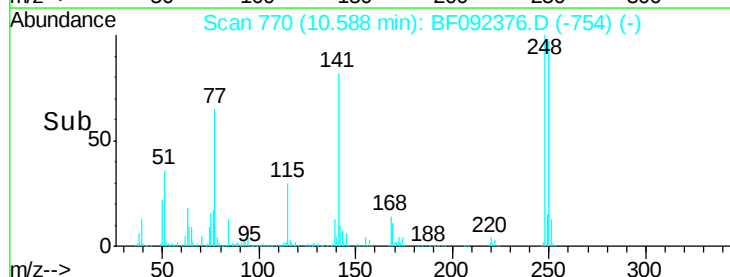
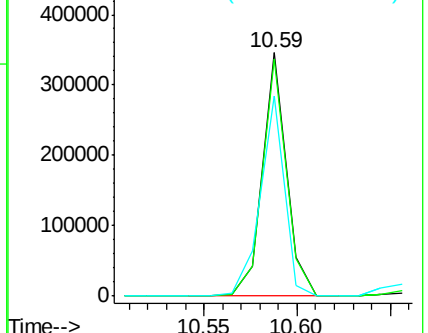
141 82.0 68.2 102.4

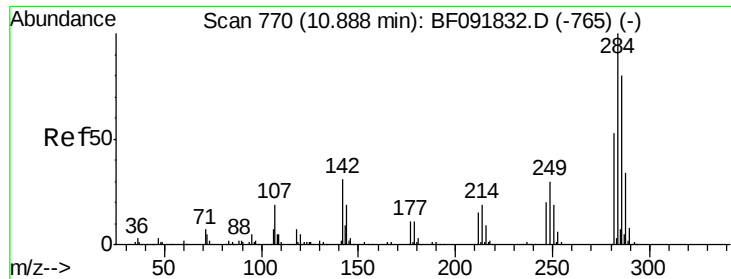


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.14 ng

RT: 10.66 min Scan# 776

Delta R.T. -0.11 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

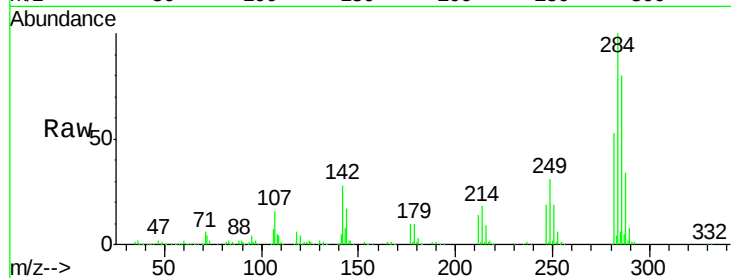
Tgt Ion:284 Resp: 327156

Ion Ratio Lower Upper

284 100

142 28.2 22.6 33.8

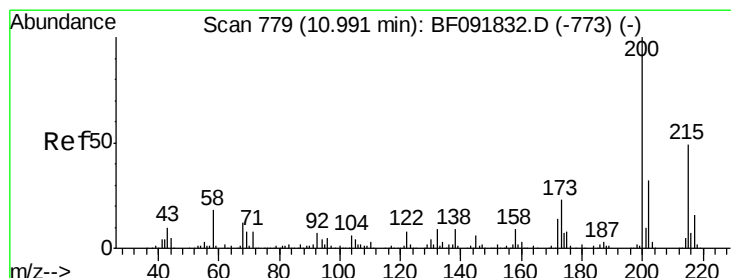
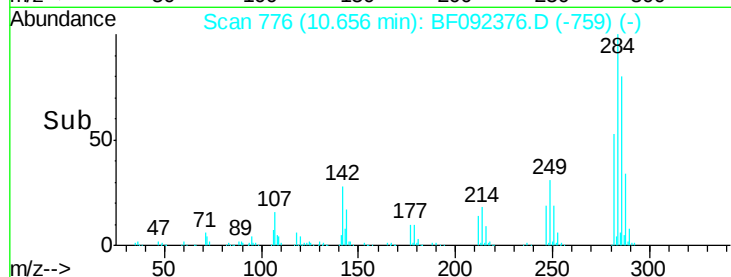
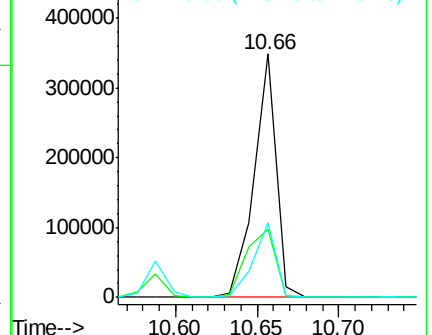
249 30.7 25.4 38.0



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: 50.81 ng

RT: 10.77 min Scan# 786

Delta R.T. -0.11 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

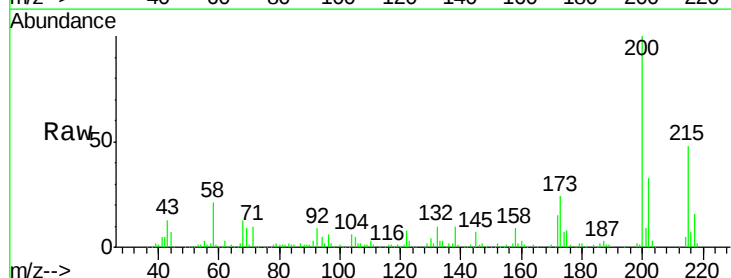
Tgt Ion:200 Resp: 324202

Ion Ratio Lower Upper

200 100

173 24.2 9.6 49.6

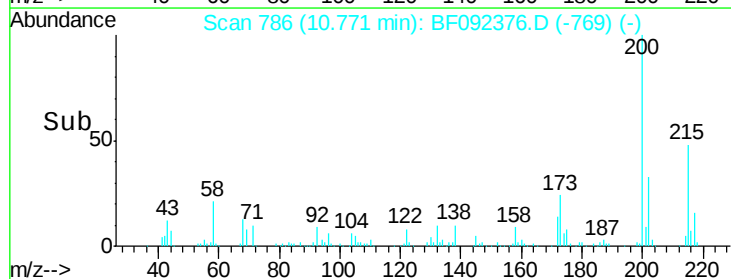
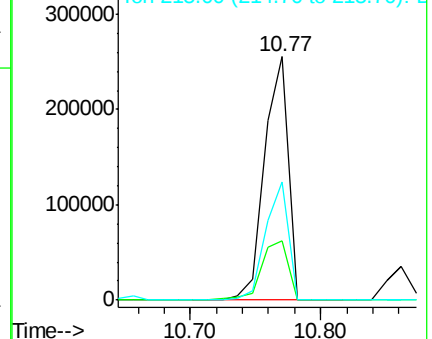
215 48.3 25.7 65.7

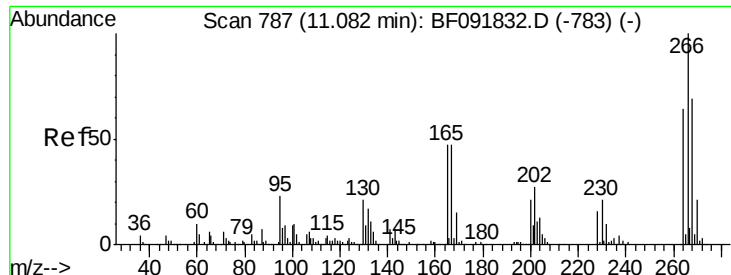


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

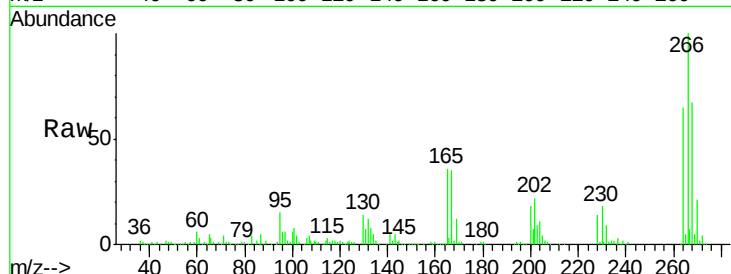




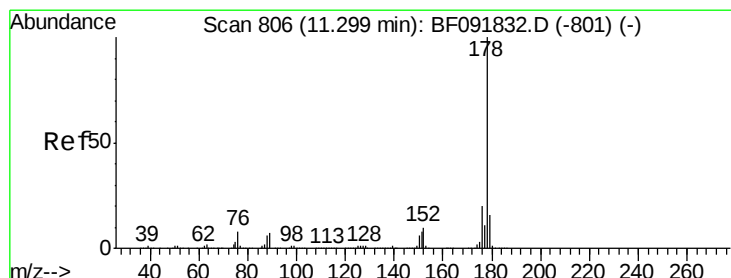
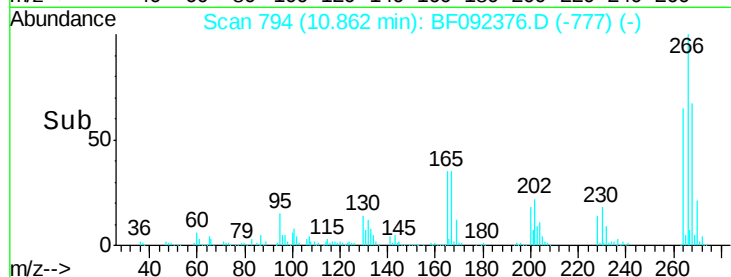
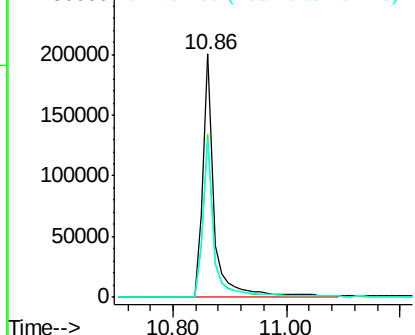
#69
 Pentachlorophenol
 Concen: 75.05 ng
 RT: 10.86 min Scan# 794
 Delta R.T. -0.11 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tgt Ion:266 Resp: 272977
 Ion Ratio Lower Upper
 266 100
 268 67.1 53.3 79.9
 264 64.8 50.3 75.5

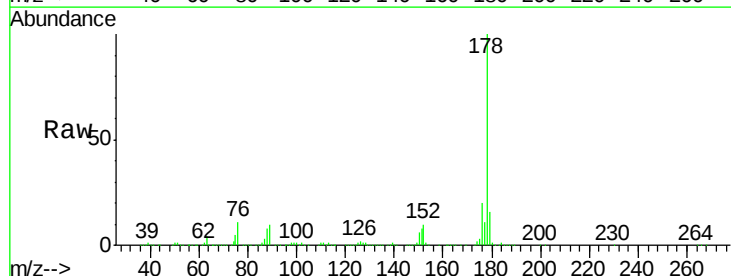


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

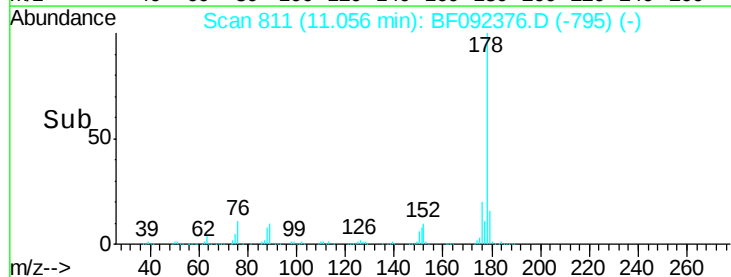
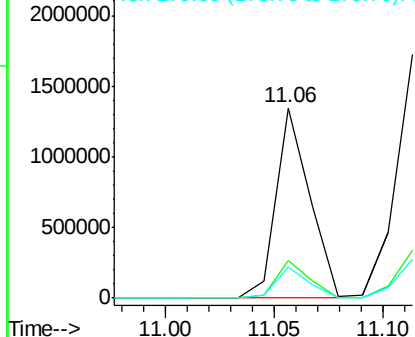


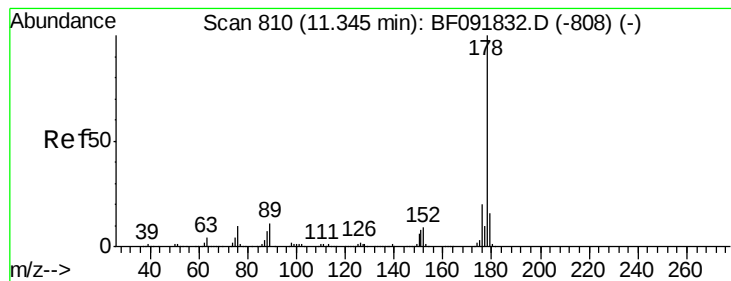
#70
 Phenanthrene
 Concen: 40.28 ng
 RT: 11.06 min Scan# 811
 Delta R.T. -0.12 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Tgt Ion:178 Resp: 1456205
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.6 25.0
 179 16.0 12.8 19.2



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





#71

Anthracene

Concen: 52.84 ng

RT: 11.11 min Scan# 816

Delta R.T. -0.12 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

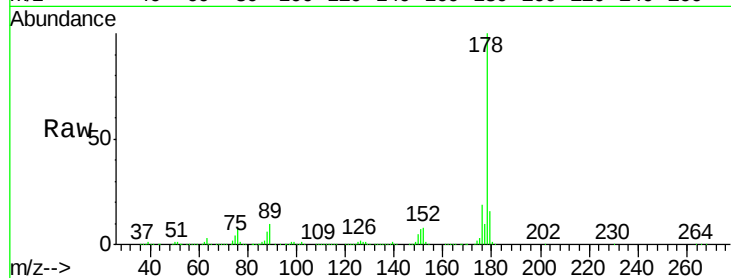
Tgt Ion:178 Resp: 1592998

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

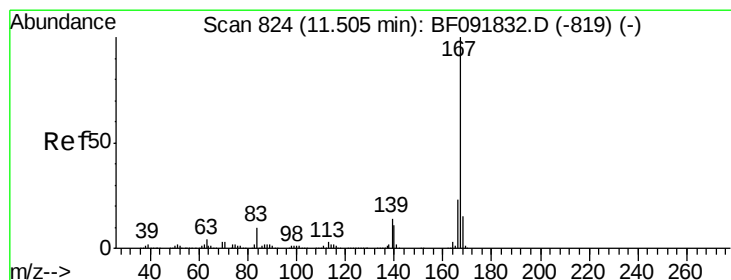
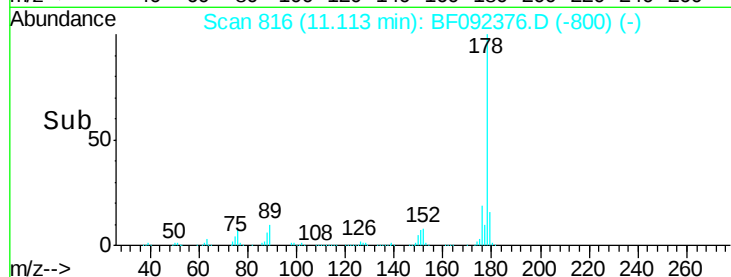
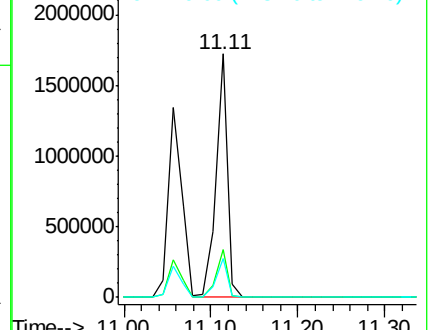
179 16.2 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.96 ng

RT: 11.27 min Scan# 830

Delta R.T. -0.12 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

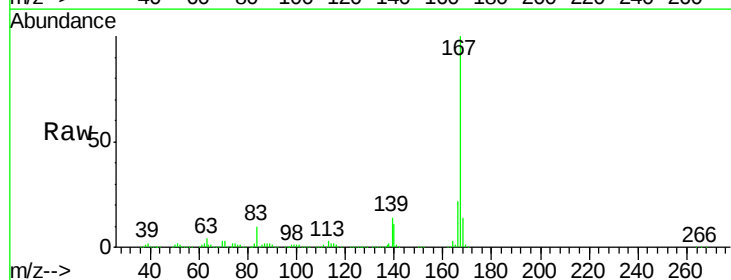
Tgt Ion:167 Resp: 1322133

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

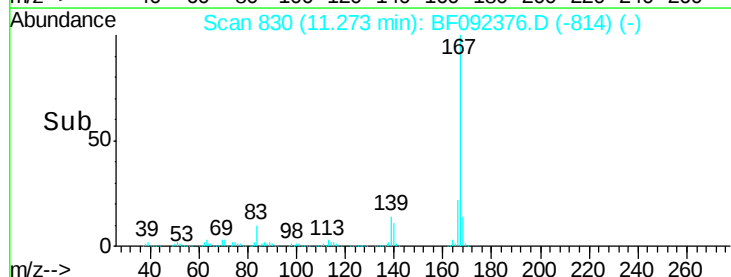
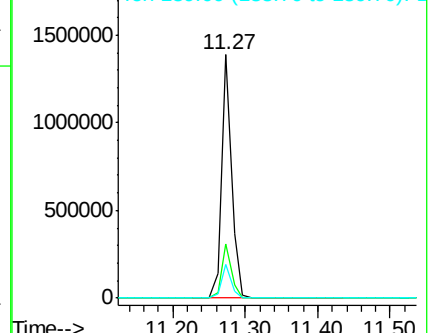
139 14.0 11.4 17.2

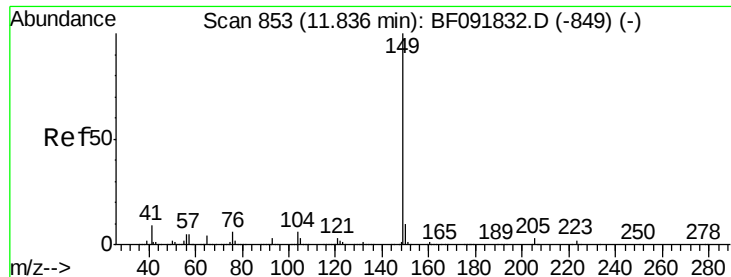


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

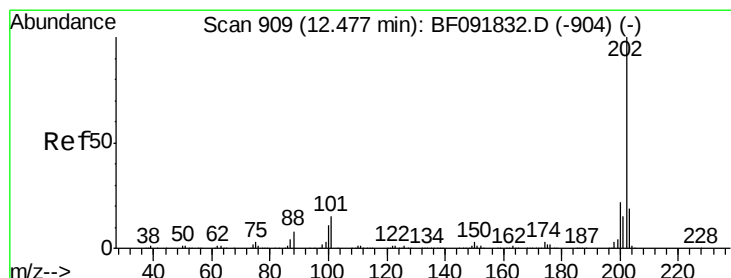
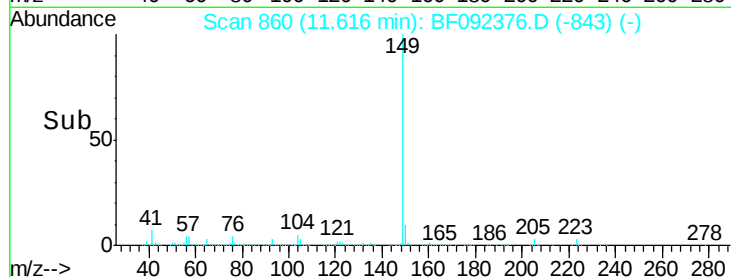
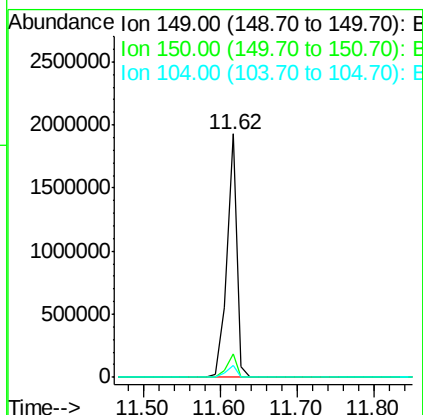
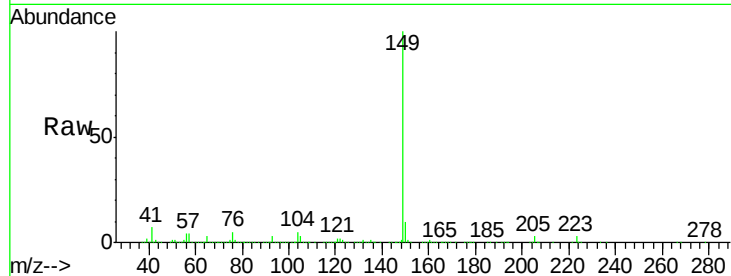




#73
Di-n-butylphthalate
Concen: 52.57 ng
RT: 11.62 min Scan# 860
Delta R.T. -0.11 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

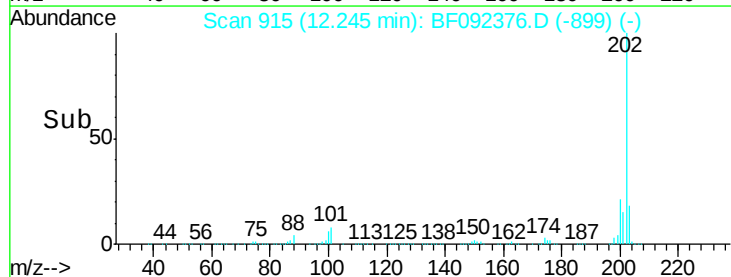
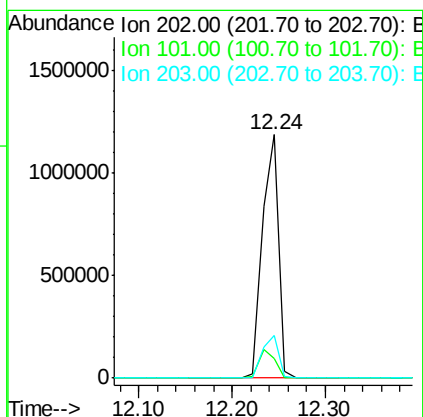
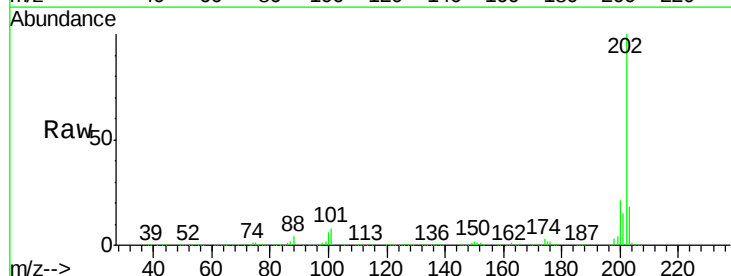
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

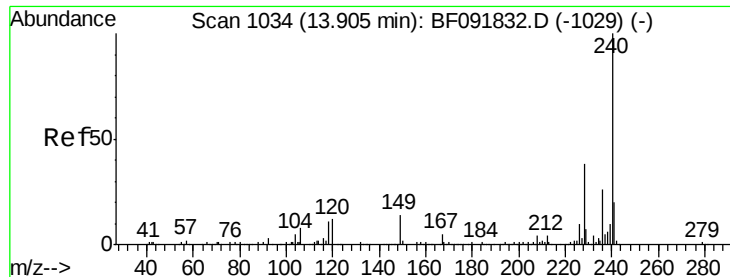
Tgt Ion:149 Resp: 1776983
Ion Ratio Lower Upper
149 100
150 9.6 8.1 12.1
104 5.0 4.6 7.0



#74
Fluoranthene
Concen: 45.18 ng
RT: 12.24 min Scan# 915
Delta R.T. -0.12 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion:202 Resp: 1432319
Ion Ratio Lower Upper
202 100
101 8.0 0.0 34.6
203 17.8 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1039

Delta R.T. -0.12 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

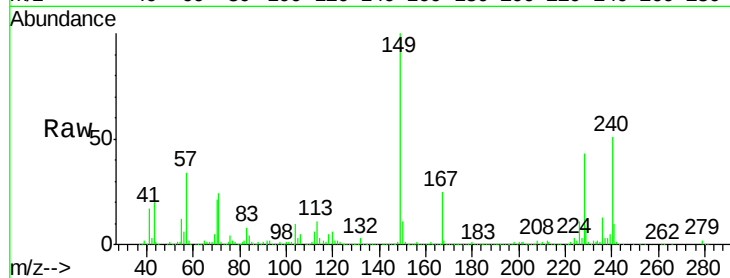
Tgt Ion:240 Resp: 361999

Ion Ratio Lower Upper

240 100

120 12.2 12.9 19.3#

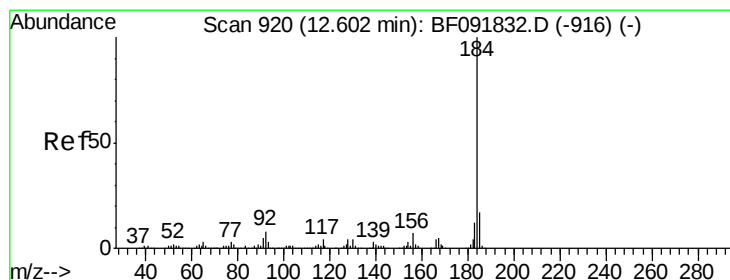
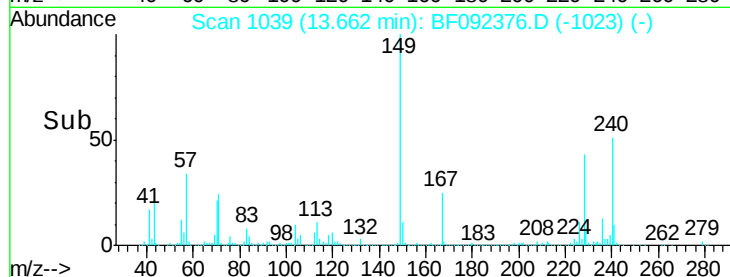
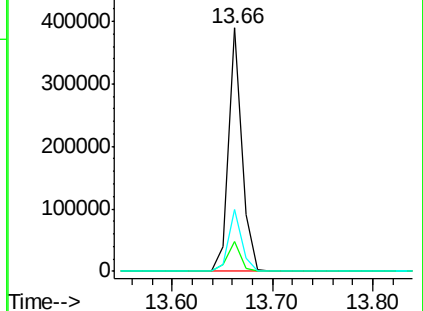
236 25.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.16 ng

RT: 12.37 min Scan# 926

Delta R.T. -0.12 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

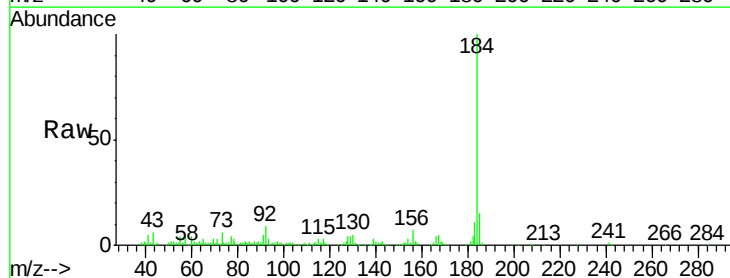
Tgt Ion:184 Resp: 226147

Ion Ratio Lower Upper

184 100

185 15.4 13.4 20.0

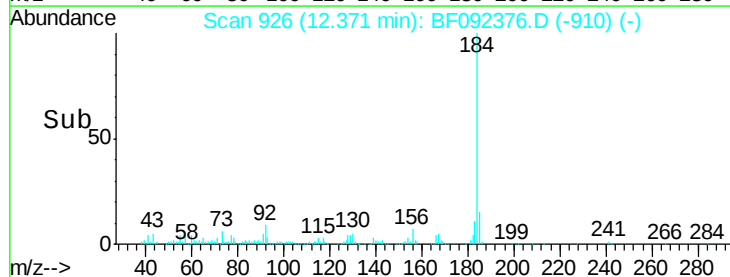
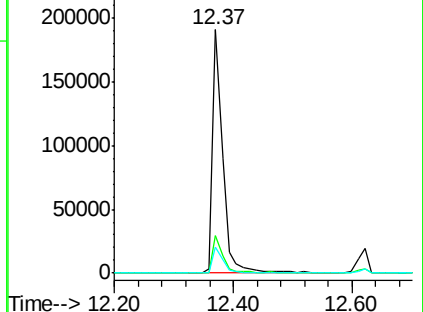
183 10.6 9.2 13.8

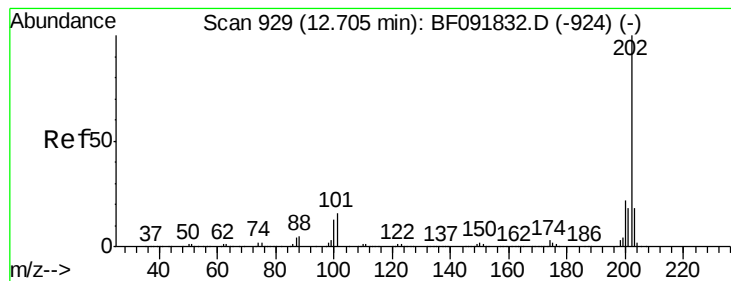


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 48.91 ng

RT: 12.46 min Scan# 934

Delta R.T. -0.12 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMS

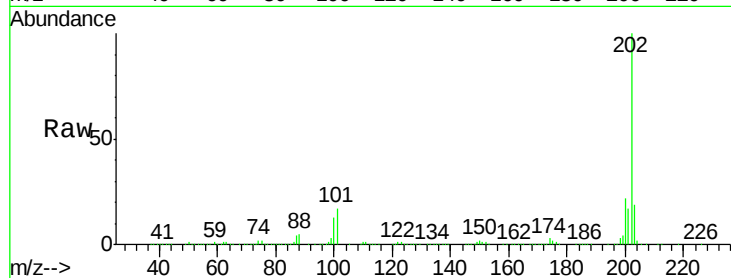
Tgt Ion:202 Resp: 1299117

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

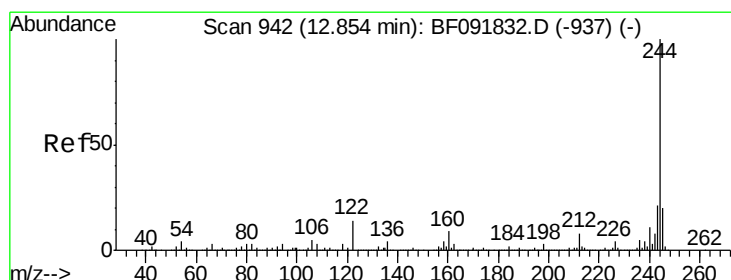
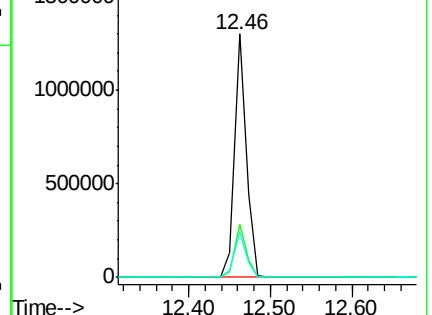
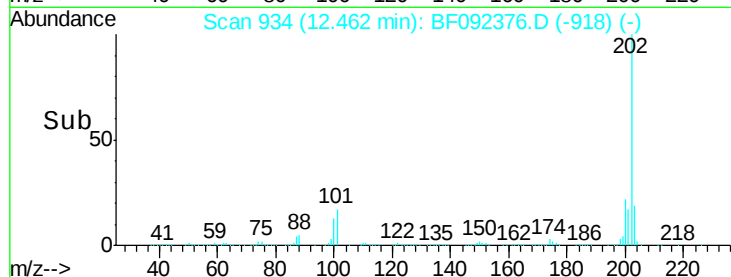
203 18.6 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 111.19 ng

RT: 12.62 min Scan# 948

Delta R.T. -0.12 min

Lab File: BF092376.D

Acq: 20 Jan 2017 16:47

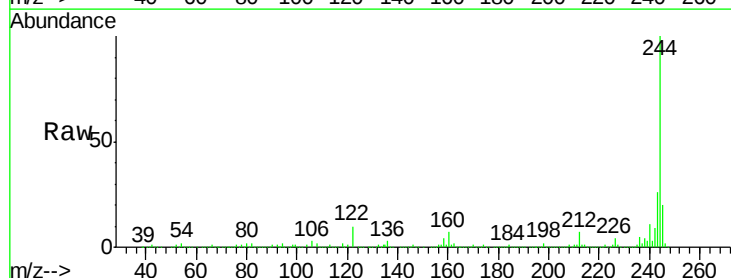
Tgt Ion:244 Resp: 1659580

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

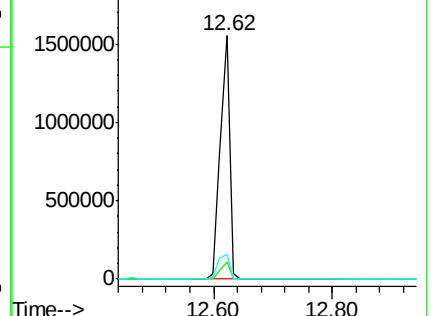
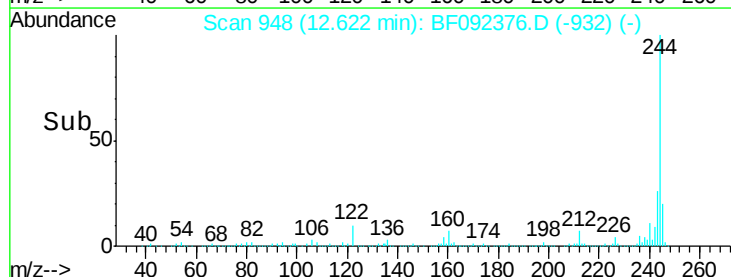
122 10.1 11.4 17.2#

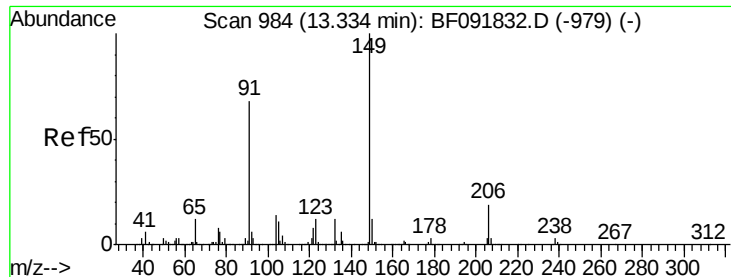


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

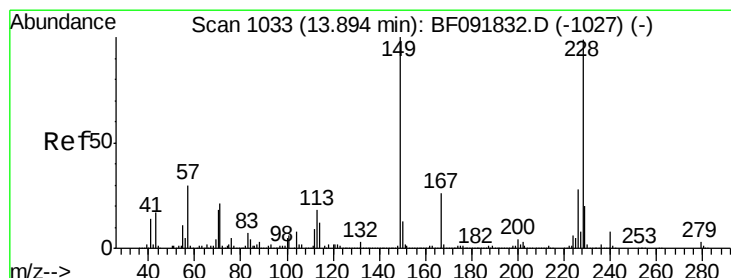
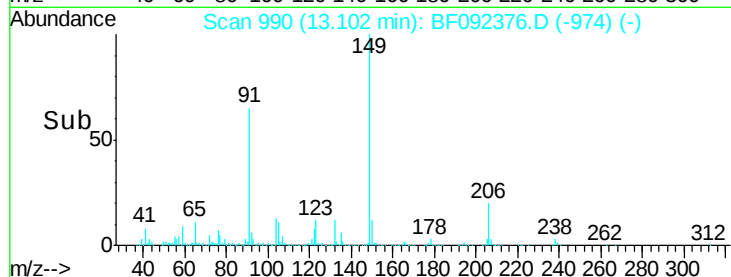
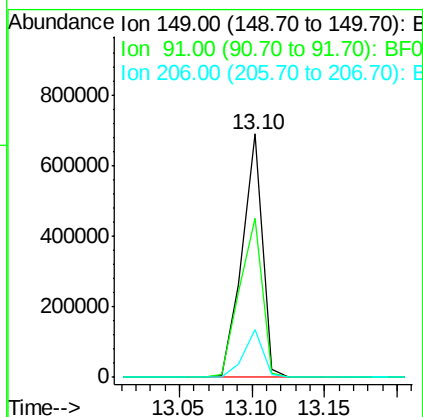
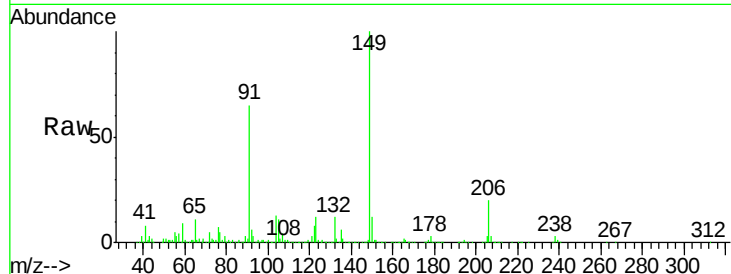




#79
Butylbenzylphthalate
Concen: 55.75 ng
RT: 13.10 min Scan# 990
Delta R.T. -0.12 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

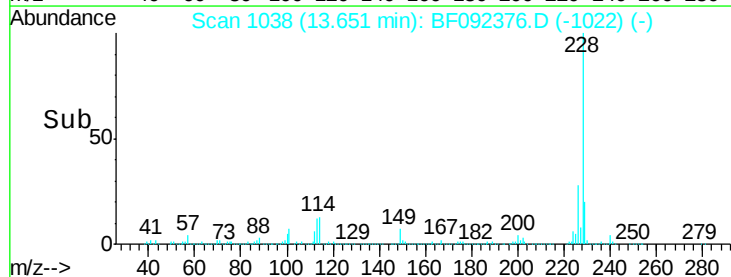
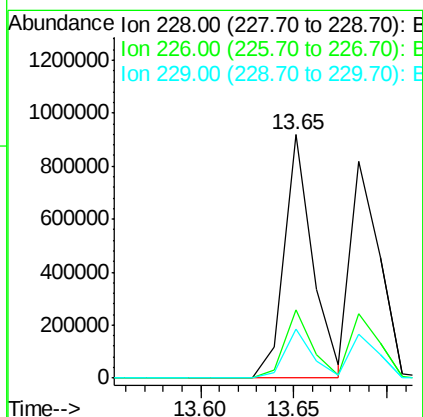
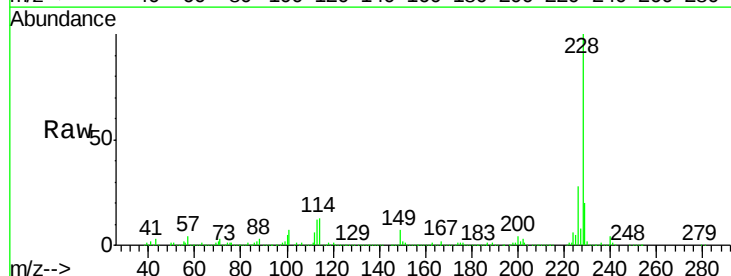
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

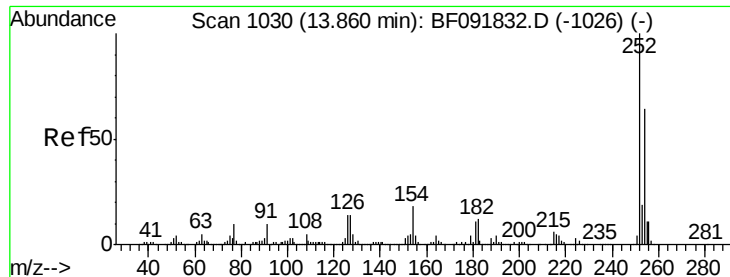
Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.2	63.9	95.9
206	19.6	14.6	21.8



#80
Benzo(a)anthracene
Concen: 47.60 ng
RT: 13.65 min Scan# 1038
Delta R.T. -0.12 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	20.1	16.2	24.4

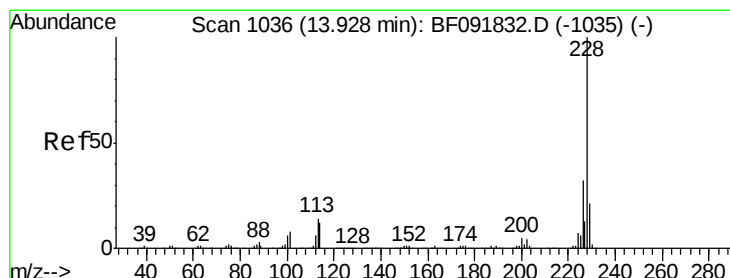
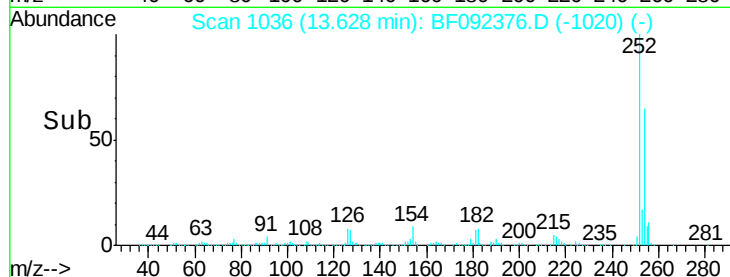
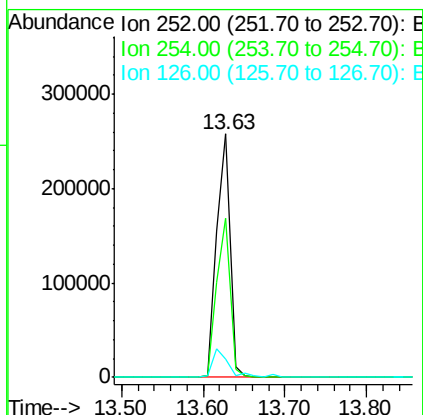
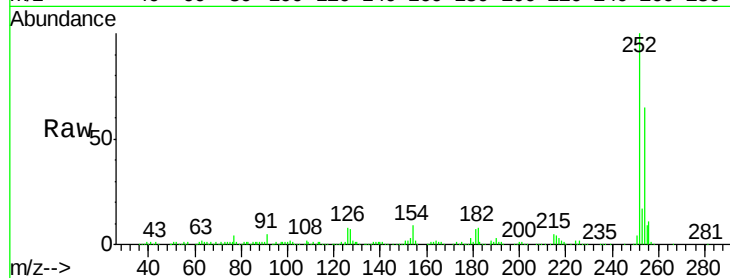




#81
 3,3'-Dichlorobenzidine
 Concen: 38.49 ng
 RT: 13.63 min Scan# 1036
 Delta R.T. -0.12 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

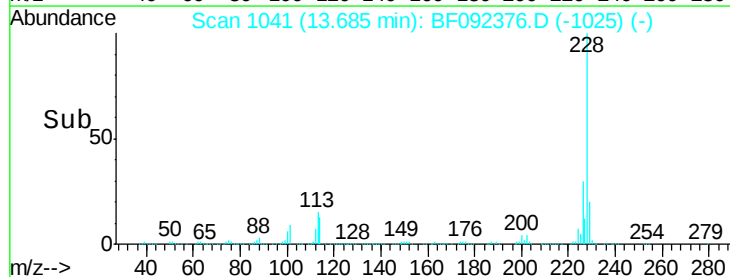
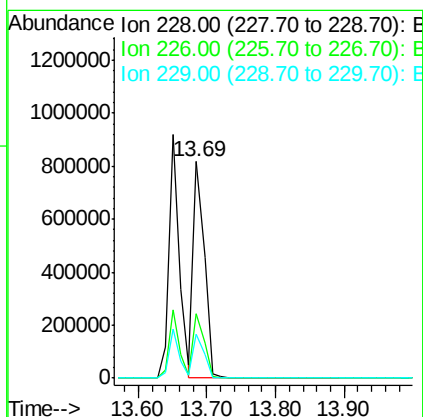
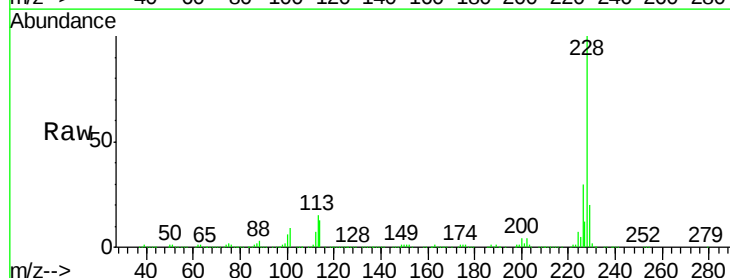
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

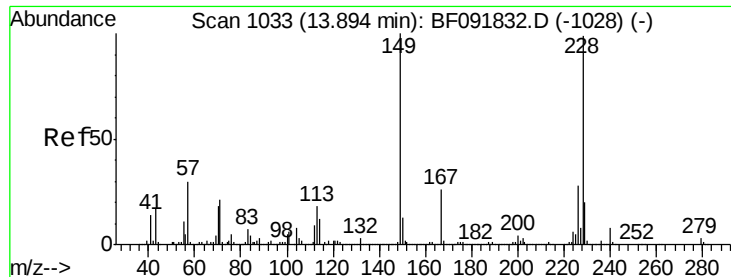
Tgt Ion: 252 Resp: 298210
 Ion Ratio Lower Upper
 252 100
 254 65.2 52.3 78.5
 126 7.7 13.6 20.4#



#82
 Chrysene
 Concen: 43.81 ng
 RT: 13.69 min Scan# 1041
 Delta R.T. -0.12 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Tgt Ion: 228 Resp: 897922
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.4 38.0
 229 20.5 16.2 24.2

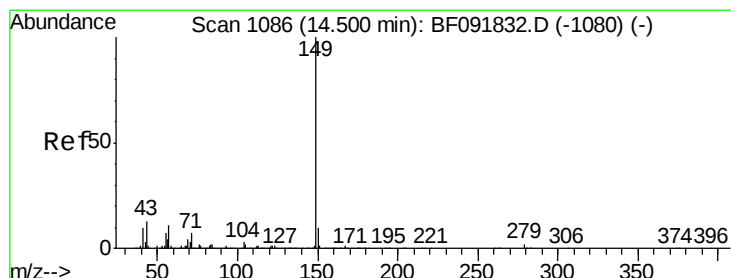
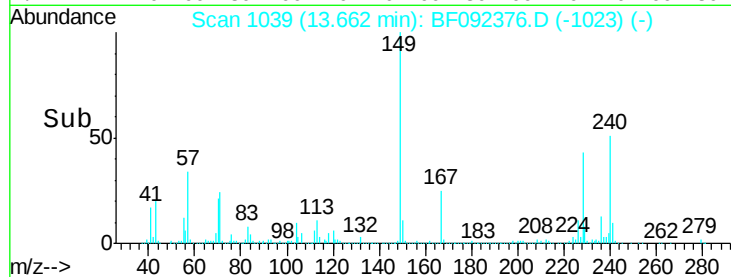
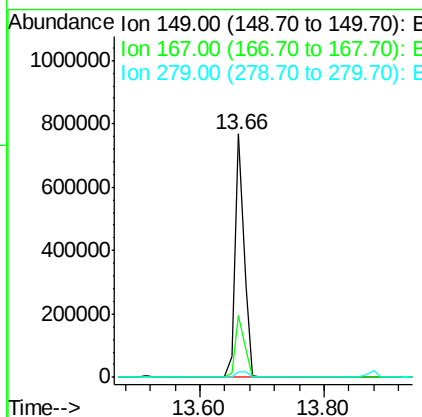
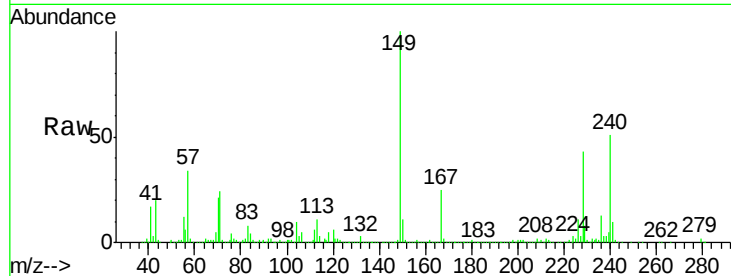




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.64 ng
 RT: 13.66 min Scan# 1039
 Delta R.T. -0.12 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

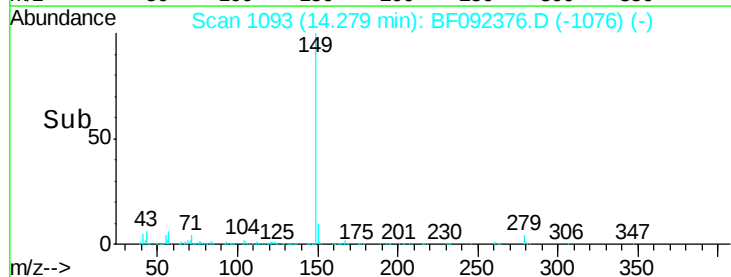
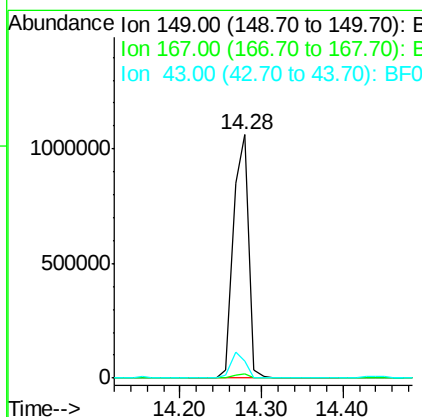
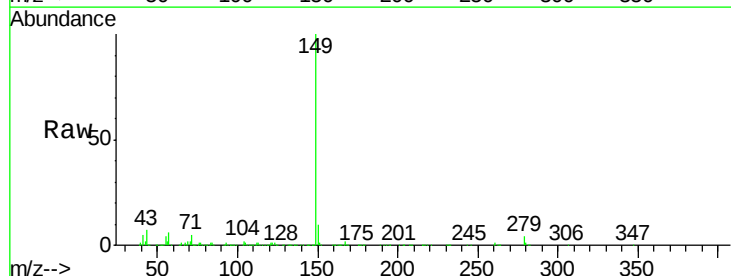
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

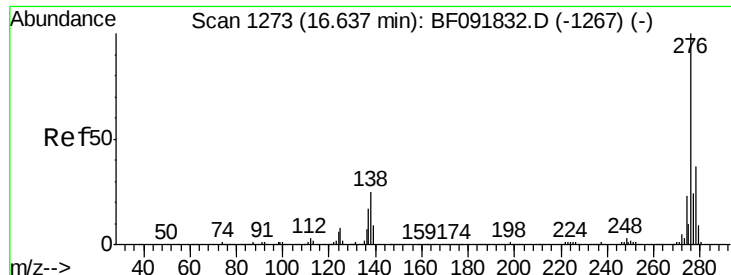
Tgt Ion:149 Resp: 777363
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.2 30.4
 279 2.2 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 51.89 ng
 RT: 14.28 min Scan# 1093
 Delta R.T. -0.11 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Tgt Ion:149 Resp: 1367491
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.3 1.9
 43 9.6 8.9 13.3

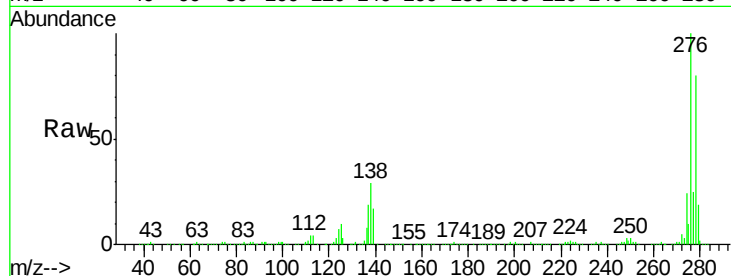




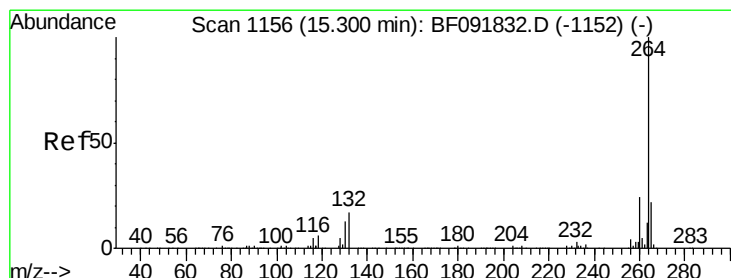
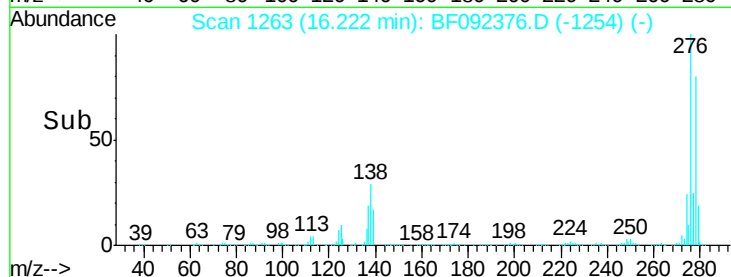
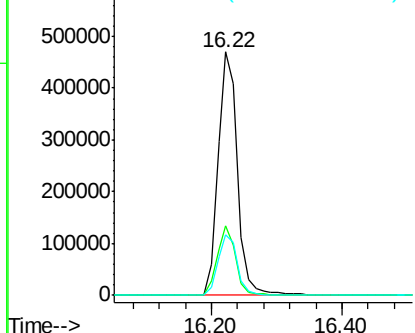
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.14 ng
 RT: 16.22 min Scan# 1263
 Delta R.T. -0.20 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.8	32.6
277	25.1	20.2	30.4

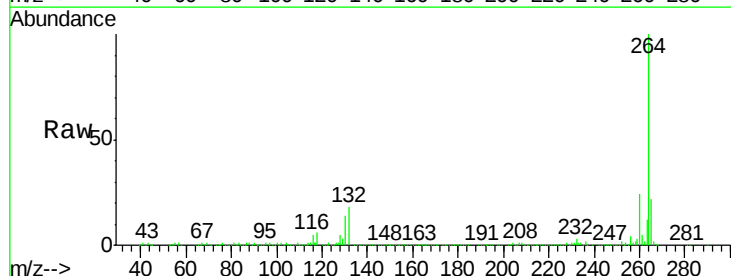


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

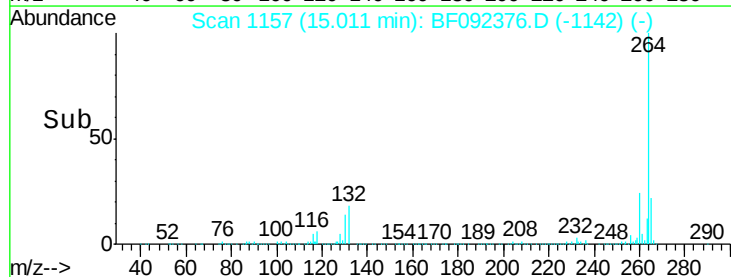
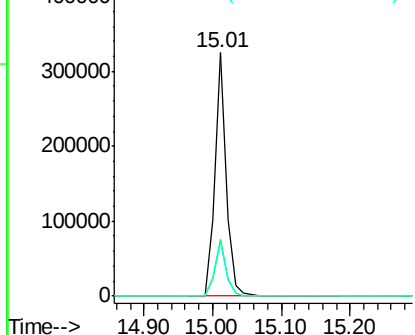


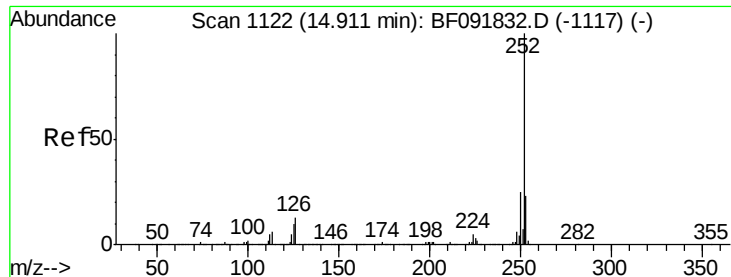
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1157
 Delta R.T. -0.13 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.2	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

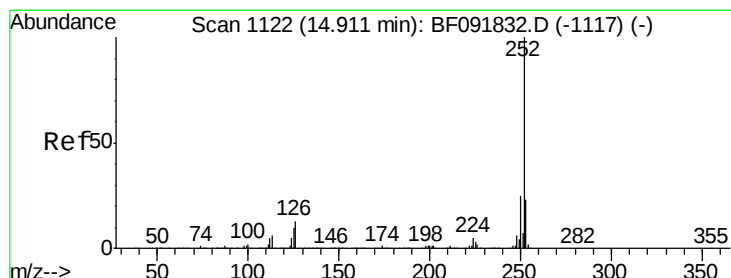
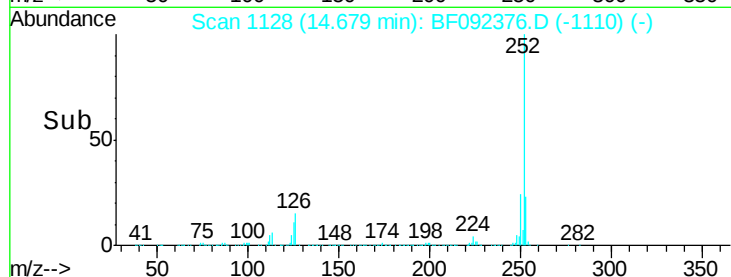
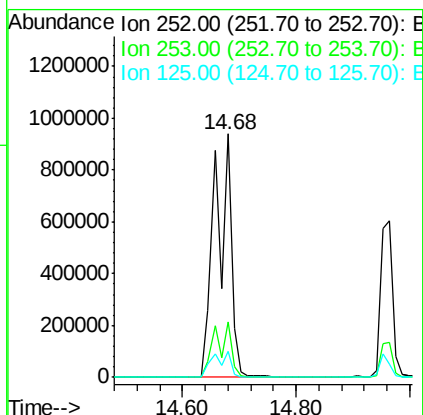
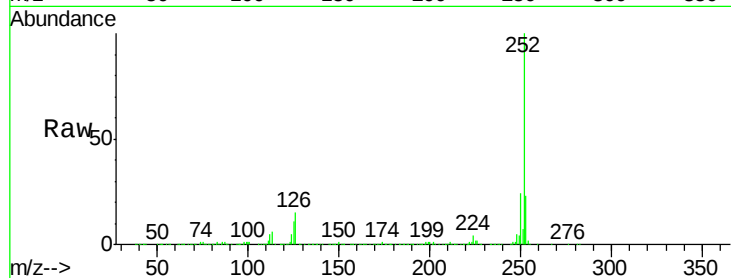




#87
Benzo(b)fluoranthene
Concen: 77.29 ng
RT: 14.68 min Scan# 1128
Delta R.T. -0.10 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

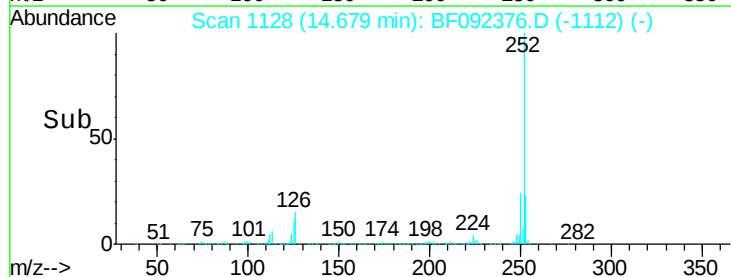
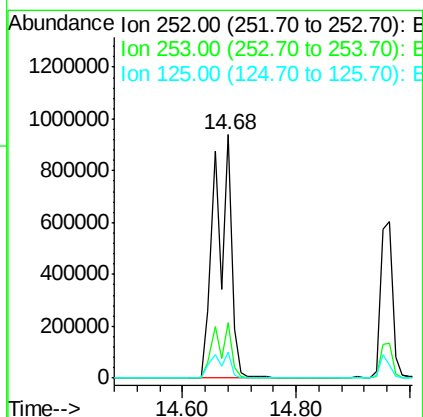
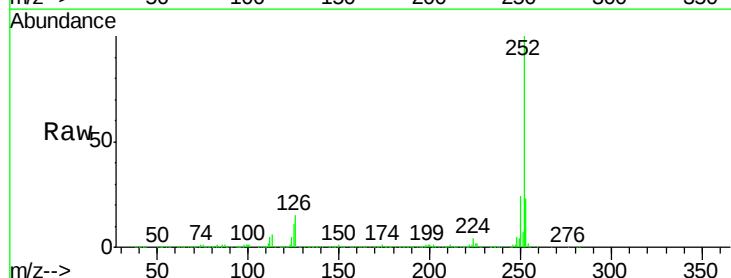
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

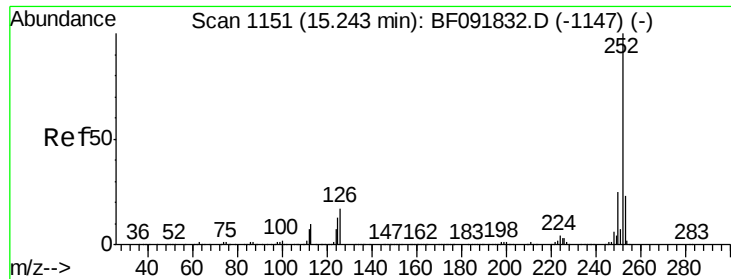
Tgt Ion:252 Resp: 1831534
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 10.9 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 90.64 ng
RT: 14.68 min Scan# 1128
Delta R.T. -0.12 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion:252 Resp: 1831534
Ion Ratio Lower Upper
252 100
253 22.7 18.5 27.7
125 10.9 8.9 13.3

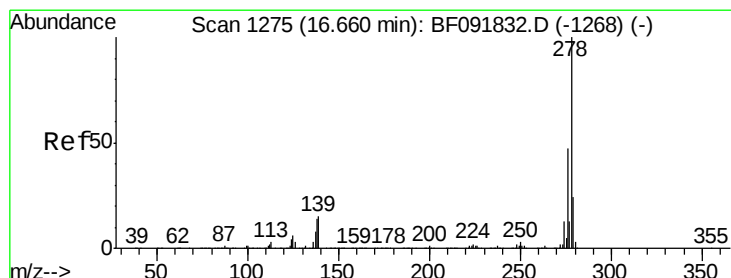
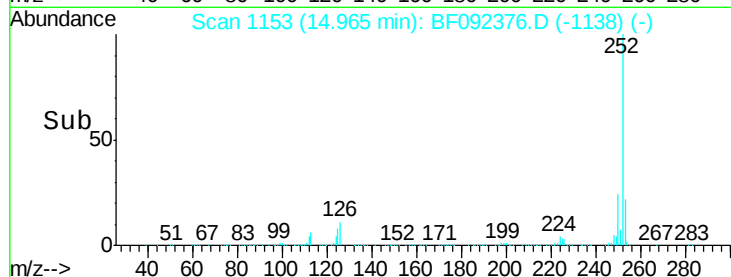
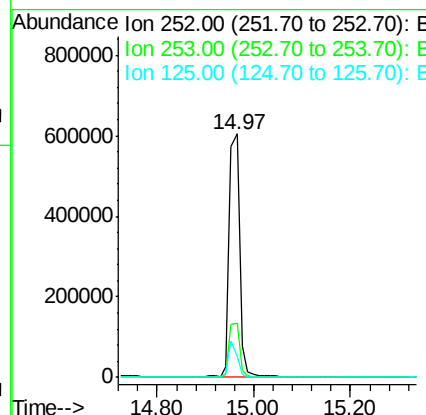
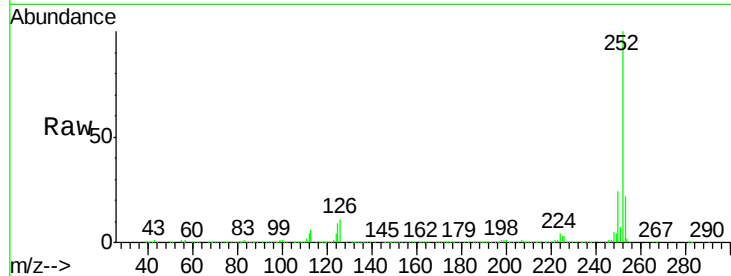




#89
Benzo(a)pyrene
Concen: 43.26 ng
RT: 14.97 min Scan# 1153
Delta R.T. -0.13 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

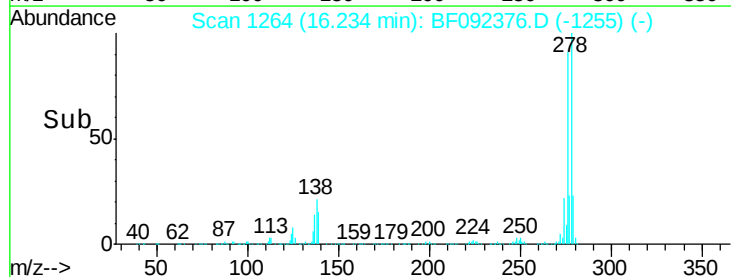
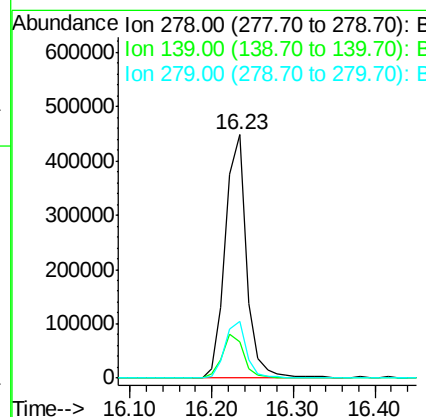
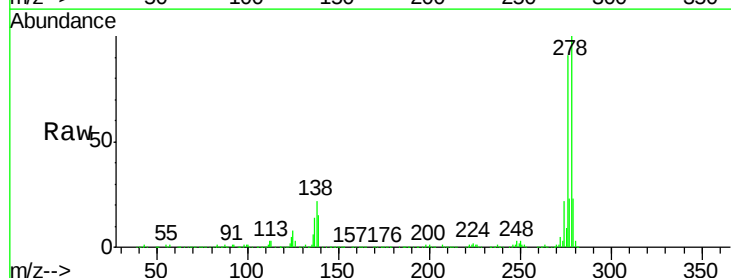
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMS

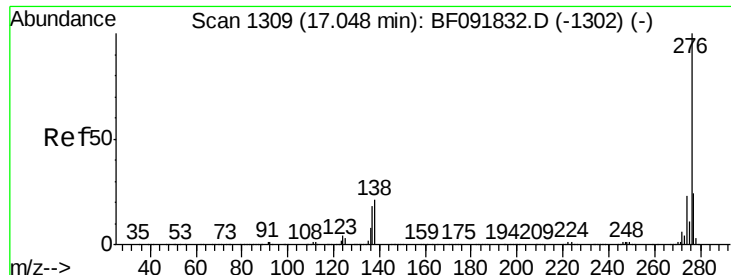
Tgt Ion: 252 Resp: 909892
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 8.6 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 47.27 ng
RT: 16.23 min Scan# 1264
Delta R.T. -0.20 min
Lab File: BF092376.D
Acq: 20 Jan 2017 16:47

Tgt Ion: 278 Resp: 817210
Ion Ratio Lower Upper
278 100
139 14.9 14.8 22.2
279 23.5 19.8 29.6





#91
 Benzo(g,h,i)perylene
 Concen: 47.18 ng
 RT: 16.58 min Scan# 1294
 Delta R.T. -0.23 min
 Lab File: BF092376.D
 Acq: 20 Jan 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMS

Tgt Ion: 276 Resp: 848071
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.2 28.8
 138 25.2 16.0 24.0#

