

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
 Data File : BF092232.D
 Acq On : 13 Jan 2017 3:49
 Operator : UM/SJ
 Sample : I1131-04MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Quant Time: Jan 13 06:47:18 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	6.60	152	154094	20.00	ng	-0.05
21) Naphthalene-d8	7.89	136	709801	20.00	ng	-0.05
38) Acenaphthene-d10	9.64	164	361382	20.00	ng	-0.05
63) Phenanthrene-d10	11.11	188	491233	20.00	ng	-0.05
75) Chrysene-d12	13.74	240	317465	20.00	ng	-0.05
86) Perylene-d12	15.10	264	342304	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1541339	167.02	ng	-0.03
7) Phenol-d6	6.28	99	1920608	170.46	ng	-0.03
23) Nitrobenzene-d5	7.18	82	1325671	103.85	ng	-0.03
41) 2,4,6-Tribromophenol	10.42	330	348075	116.39	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1859537	109.09	ng	-0.05
78) Terphenyl-d14	12.70	244	1274890	97.40	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.08	88	215782	47.49	ng	96
3) Pyridine	2.71	79	720153	45.41	ng	98
4) n-Nitrosodimethylamine	2.68	42	306274	51.20	ng	99
6) Aniline	6.26	93	271307	18.54	ng	# 69
8) 2-Chlorophenol	6.39	128	591460	56.34	ng	96
9) Benzaldehyde	6.14	77	38862	4.42	ng	97
10) Phenol	6.29	94	799229	62.25	ng	# 67
11) bis(2-Chloroethyl)ether	6.34	93	587716	57.53	ng	99
12) 1,3-Dichlorobenzene	6.54	146	599394	53.49	ng	98
13) 1,4-Dichlorobenzene	6.62	146	499033	43.75	ng	93
14) 1,2-Dichlorobenzene	6.77	146	548592	55.43	ng	99
15) Benzyl Alcohol	6.76	79	459268	52.46	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.89	45	848865	55.80	ng	# 43
17) 2-Methylphenol	6.89	107	490879	58.14	ng	# 88
18) Hexachloroethane	7.11	117	220227	52.08	ng	# 88
19) n-Nitroso-di-n-propylamine	7.03	70	416371	55.55	ng	99
20) 3+4-Methylphenols	7.04	107	692215	68.74	ng	# 71
22) Acetophenone	7.02	105	836020	47.75	ng	93
24) Nitrobenzene	7.19	77	645360	47.47	ng	98
25) Isophorone	7.43	82	1124864	47.76	ng	95
26) 2-Nitrophenol	7.51	139	313320	46.73	ng	93
27) 2,4-Dimethylphenol	7.57	122	467380	42.03	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	601132	42.09	ng	98
29) 2,4-Dichlorophenol	7.76	162	446102	47.38	ng	91
30) 1,2,4-Trichlorobenzene	7.83	180	459731	44.55	ng	96
31) Naphthalene	7.91	128	1560413	48.03	ng	99
32) Benzoic acid	7.68	122	27930	3.39	ng	98
33) 4-Chloroaniline	7.97	127	125392	8.56	ng	97
34) Hexachlorobutadiene	8.02	225	237525	43.61	ng	98
35) Caprolactam	8.34	113	86912	28.09	ng	# 50
36) 4-Chloro-3-methylphenol	8.48	107	501561	46.29	ng	93
37) 2-Methylnaphthalene	8.60	142	1019418	57.53	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	446180	48.87	ng	98
40) Hexachlorocyclopentadiene	8.76	237	198084	50.27	ng	98

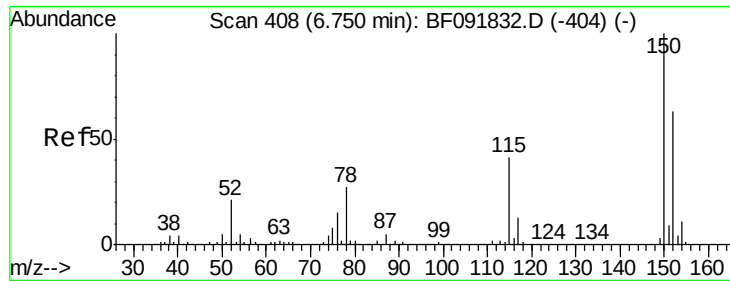
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	289828	45.39	ng	98
43) 2,4,5-Trichlorophenol	8.94	196	285642	43.47	ng	98
45) 1,1'-Biphenyl	9.06	154	1194179	48.26	ng	98
46) 2-Chloronaphthalene	9.09	162	933505	47.64	ng	98
47) 2-Nitroaniline	9.19	65	277455	39.77	ng	100
48) Acenaphthylene	9.50	152	1379623	45.78	ng	99
49) Dimethylphthalate	9.37	163	1637527	70.85	ng	98
50) 2,6-Dinitrotoluene	9.44	165	260093	51.41	ng	95
51) Acenaphthene	9.67	154	912464	44.66	ng	99
52) 3-Nitroaniline	9.60	138	129642	20.71	ng	96
53) 2,4-Dinitrophenol	9.72	184	117660	41.80	ng	# 50
54) Dibenzofuran	9.84	168	1190271	43.14	ng	98
55) 4-Nitrophenol	9.84	139	762928	179.47	ng	# 8
56) 2,4-Dinitrotoluene	9.84	165	270915	42.67	ng	# 81
57) Fluorene	10.18	166	956116	47.63	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.97	232	230452	44.34	ng	99
59) Diethylphthalate	10.07	149	971347	43.27	ng	100
60) 4-Chlorophenyl-phenylether	10.17	204	376010	42.78	ng	97
61) 4-Nitroaniline	10.22	138	227710	35.10	ng	96
62) Azobenzene	10.33	77	1082909	43.82	ng	100
64) 4,6-Dinitro-2-methylphenol	10.25	198	126058	42.44	ng	86
65) n-Nitrosodiphenylamine	10.30	169	771399	52.92	ng	99
66) 4-Bromophenyl-phenylether	10.66	248	272306	53.29	ng	91
67) Hexachlorobenzene	10.73	284	258817	47.39	ng	# 85
68) Atrazine	10.84	200	250327	53.24	ng	98
69) Pentachlorophenol	10.93	266	212557	79.31	ng	97
70) Phenanthrene	11.13	178	1359027	51.02	ng	99
71) Anthracene	11.19	178	1396558	80.51	ng	98
72) Carbazole	11.35	167	1135266	63.07	ng	98
73) Di-n-butylphthalate	11.68	149	1400259	56.53	ng	99
74) Fluoranthene	12.32	202	1587458	70.06	ng	92
76) Benzidine	12.45	184	237987	26.45	ng	96
77) Pyrene	12.54	202	1360486	58.41	ng	99
79) Butylbenzylphthalate	13.17	149	494043	46.64	ng	95
80) Benzo(a)anthracene	13.73	228	1100747	61.43	ng	99
81) 3,3'-Dichlorobenzidine	13.69	252	204326	30.07	ng	98
82) Chrysene	13.76	228	909603	50.60	ng	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	648152	51.95	ng	# 98
84) Di-n-octyl phthalate	14.35	149	1139756	49.32	ng	98
85) Indeno(1,2,3-cd)pyrene	16.36	276	944372	60.64	ng	99
87) Benzo(b)fluoranthene	14.73	252	2028822	95.20	ng	98
88) Benzo(k)fluoranthene	14.73	252	2028822	111.64	ng	99
89) Benzo(a)pyrene	15.04	252	1051026	55.56	ng	98
90) Dibenzo(a,h)anthracene	16.36	278	745096	47.92	ng	98
91) Benzo(g,h,i)perylene	16.72	276	822979	50.91	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 412

Delta R.T. -0.05 min

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SW-001MSD

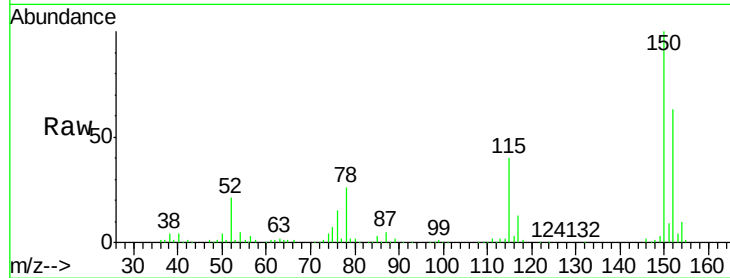
Tgt Ion:152 Resp: 154094

Ion Ratio Lower Upper

152 100

150 157.9 124.9 187.3

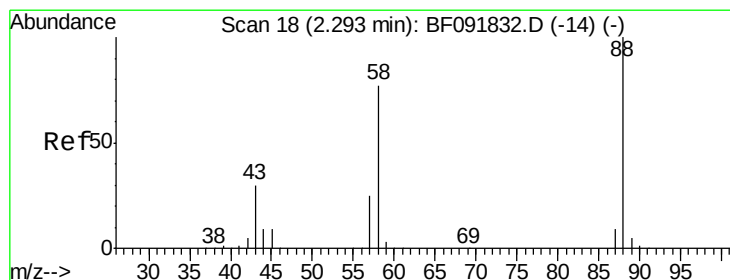
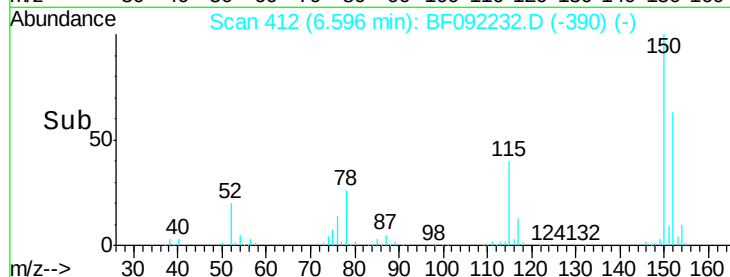
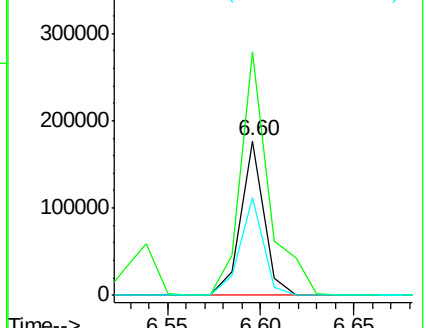
115 63.5 46.0 69.0



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: 47.49 ng

RT: 2.08 min Scan# 17

Delta R.T. 0.00 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

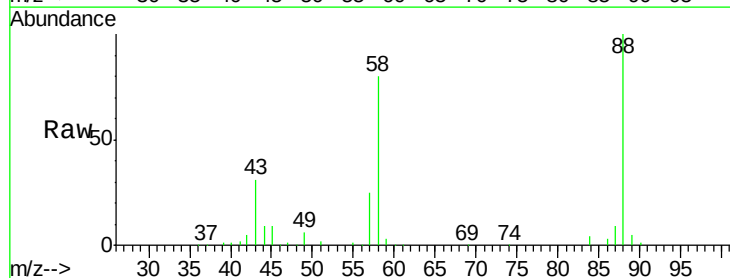
Tgt Ion: 88 Resp: 215782

Ion Ratio Lower Upper

88 100

58 75.2 57.8 86.8

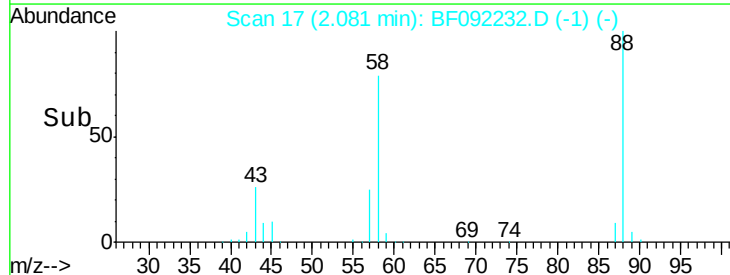
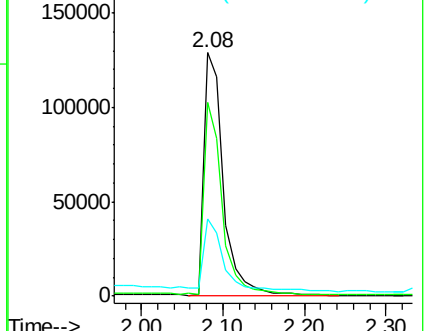
43 31.0 22.3 33.5

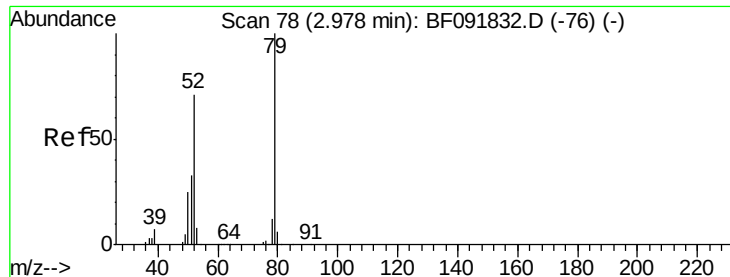


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 45.41 ng

RT: 2.71 min Scan# 72

Delta R.T. -0.02 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

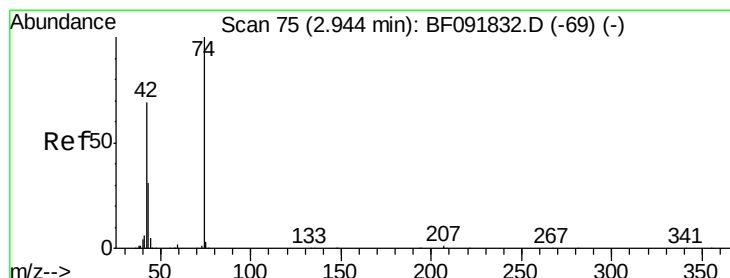
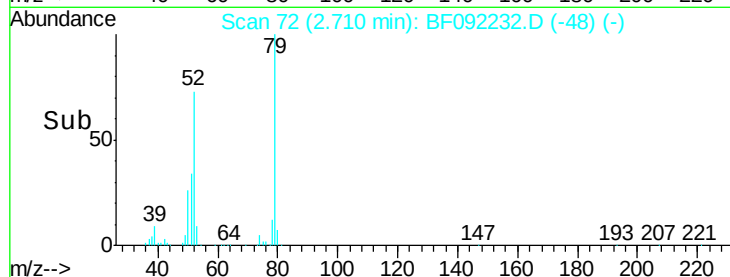
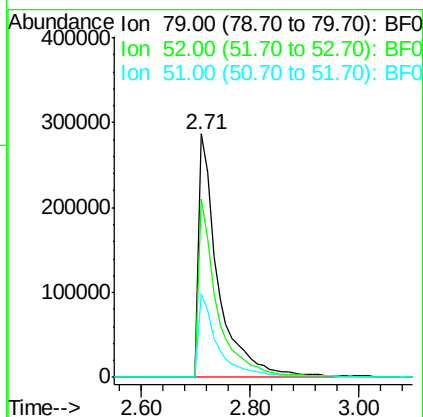
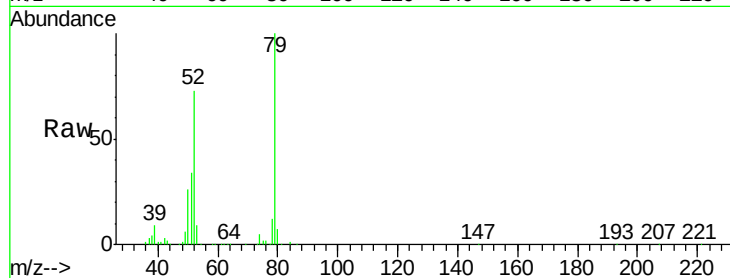
Tgt Ion: 79 Resp: 720153

Ion Ratio Lower Upper

79 100

52 73.2 57.1 85.7

51 34.5 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 51.20 ng

RT: 2.68 min Scan# 69

Delta R.T. -0.01 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

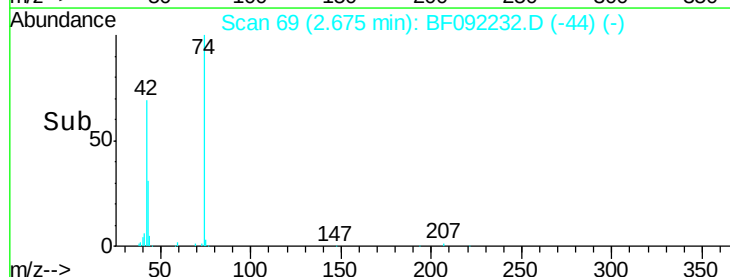
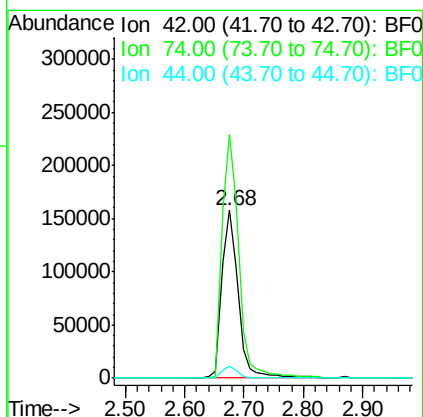
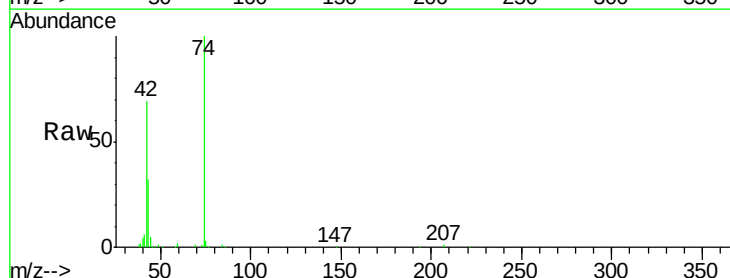
Tgt Ion: 42 Resp: 306274

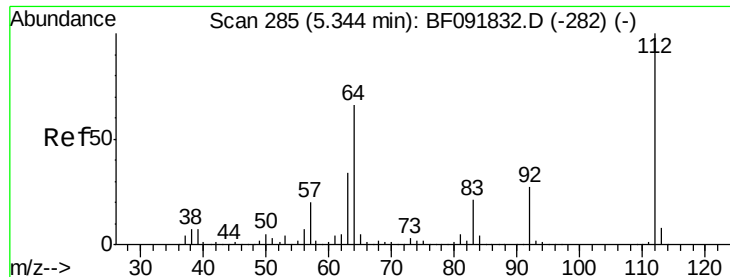
Ion Ratio Lower Upper

42 100

74 145.1 117.0 175.4

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 167.02 ng

RT: 5.20 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

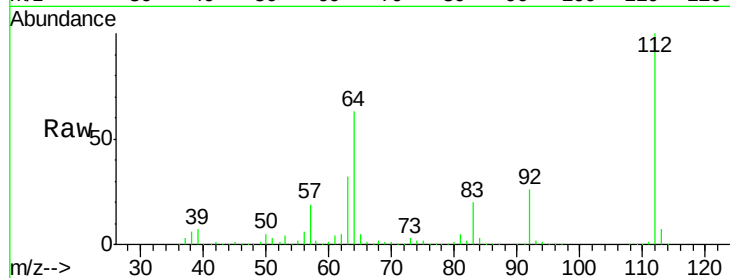
Tgt Ion: 112 Resp: 1541339

Ion Ratio Lower Upper

112 100

64 62.8 46.1 69.1

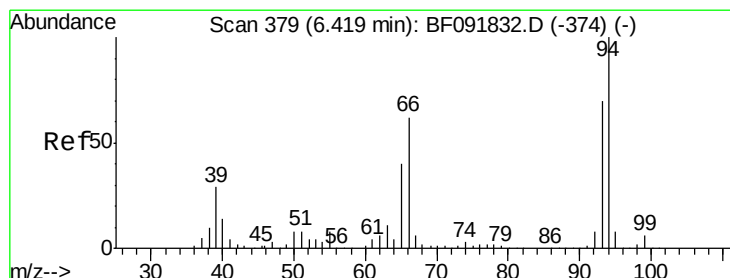
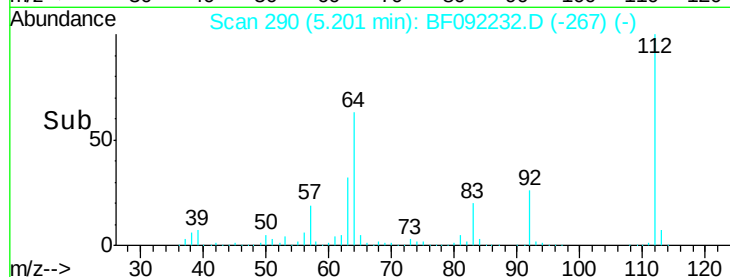
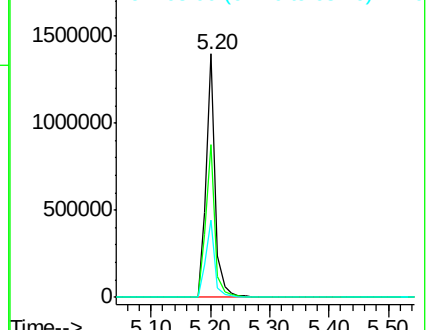
63 32.0 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.54 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

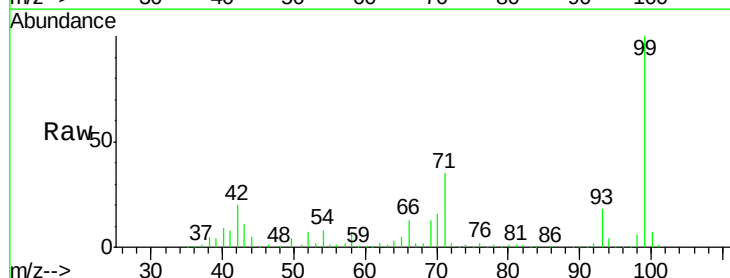
Tgt Ion: 93 Resp: 271307

Ion Ratio Lower Upper

93 100

66 72.3 76.2 114.2#

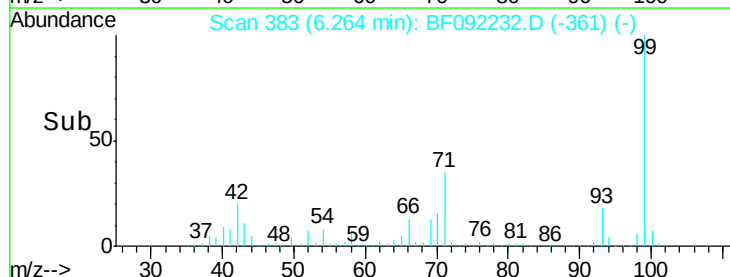
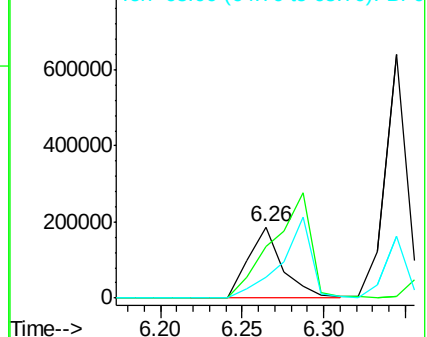
65 29.3 49.3 73.9#

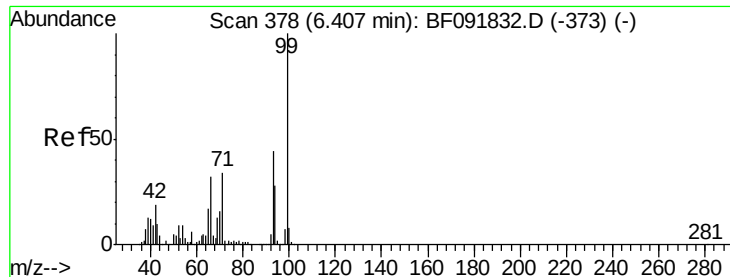


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 170.46 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

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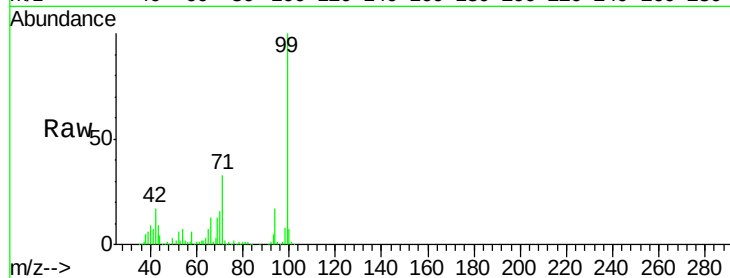
Tgt Ion: 99 Resp: 1920608

Ion Ratio Lower Upper

99 100

42 17.4 15.6 23.4

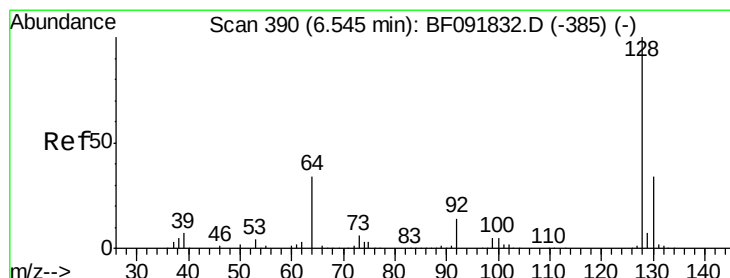
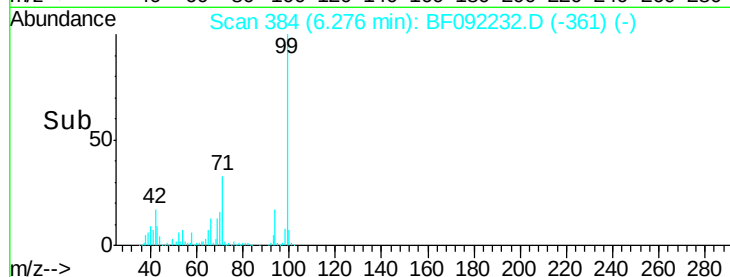
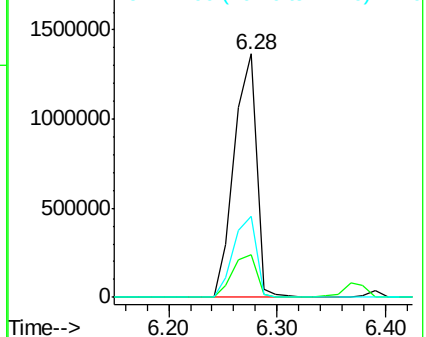
71 33.1 27.5 41.3



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: 56.34 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

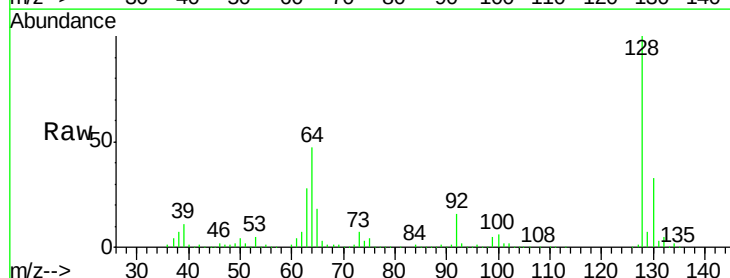
Tgt Ion: 128 Resp: 591460

Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

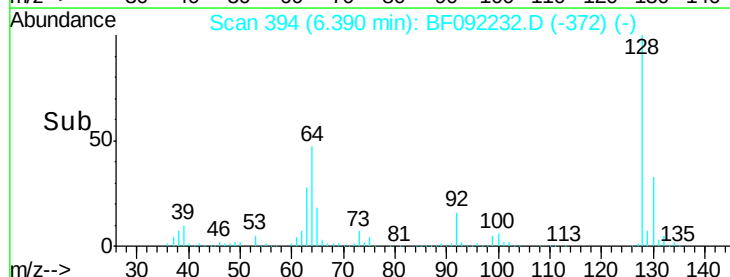
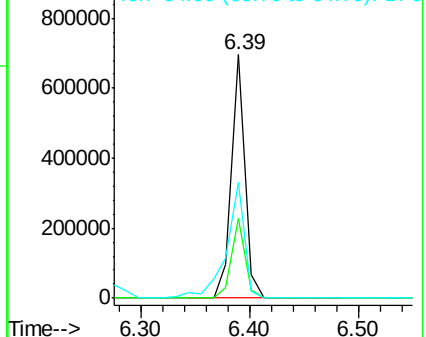
64 47.5 32.2 72.2

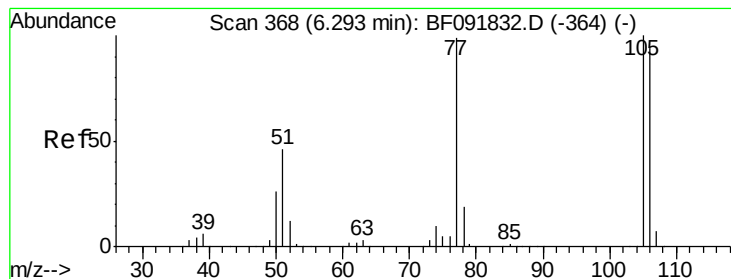


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.42 ng

RT: 6.14 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

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ClientSampleId :

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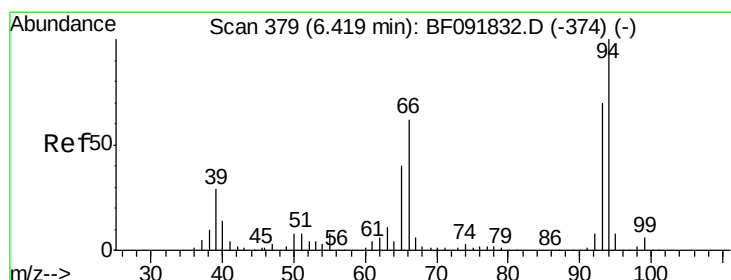
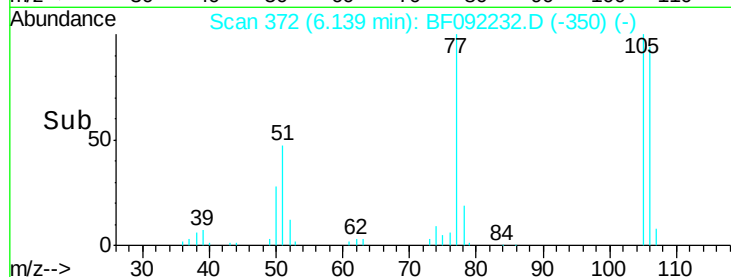
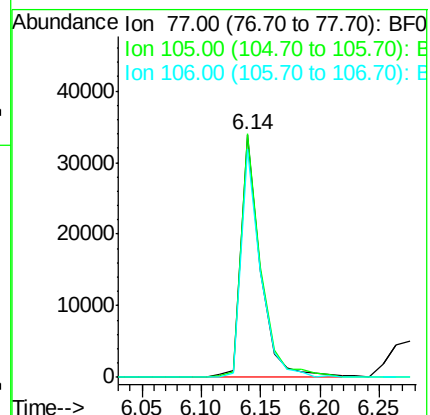
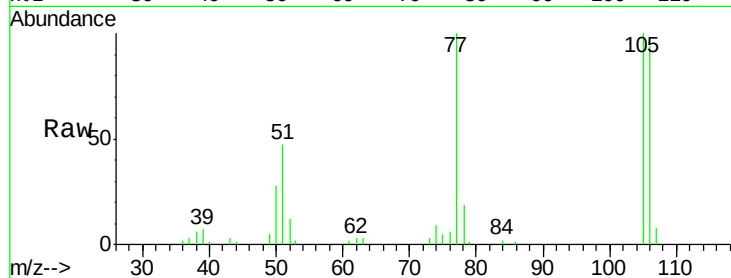
Tgt Ion: 77 Resp: 38862

Ion Ratio Lower Upper

77 100

105 100.4 83.9 123.9

106 94.1 77.6 117.6



#10

Phenol

Concen: 62.25 ng

RT: 6.29 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

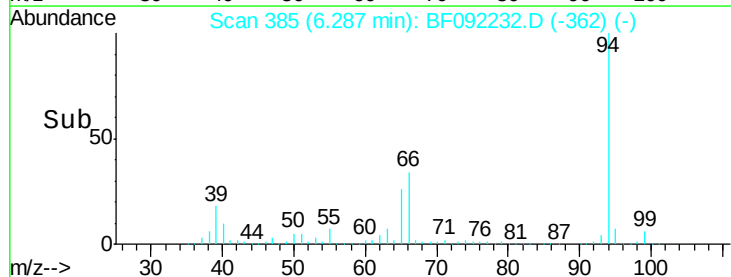
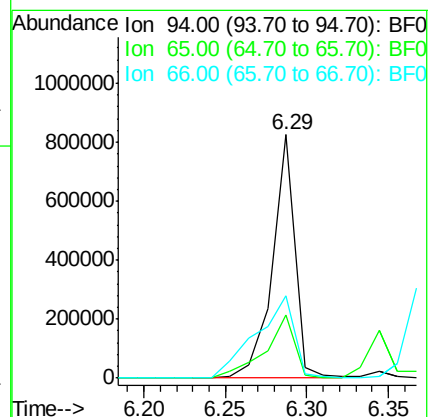
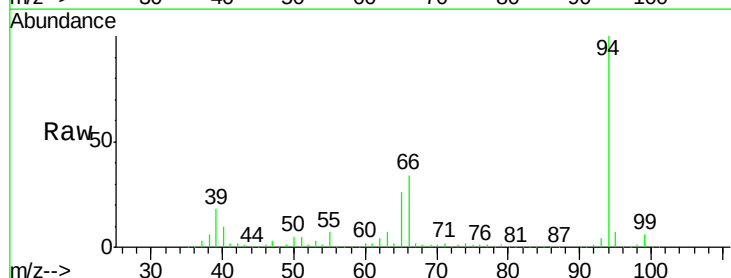
Tgt Ion: 94 Resp: 799229

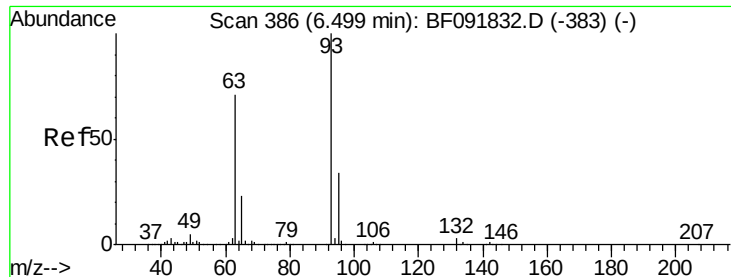
Ion Ratio Lower Upper

94 100

65 25.9 21.4 61.4

66 33.7 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 57.53 ng

RT: 6.34 min Scan# 390

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

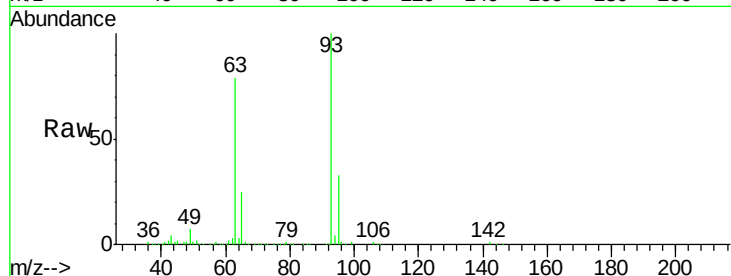
Tgt Ion: 93 Resp: 587716

Ion Ratio Lower Upper

93 100

63 79.1 60.4 100.4

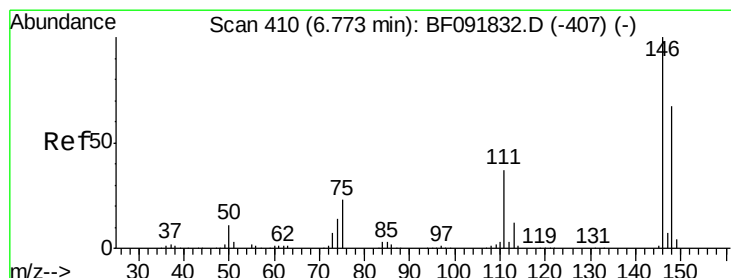
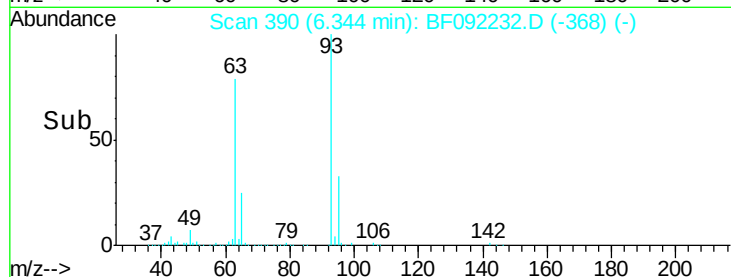
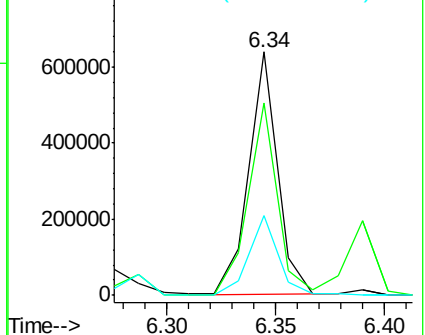
95 32.7 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 53.49 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

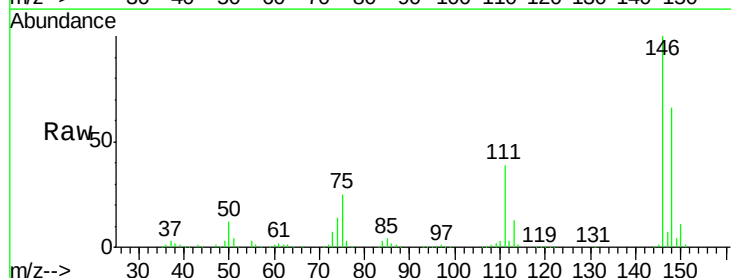
Tgt Ion: 146 Resp: 599394

Ion Ratio Lower Upper

146 100

148 65.5 53.4 80.0

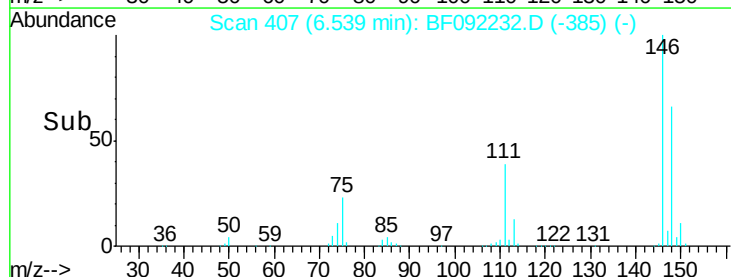
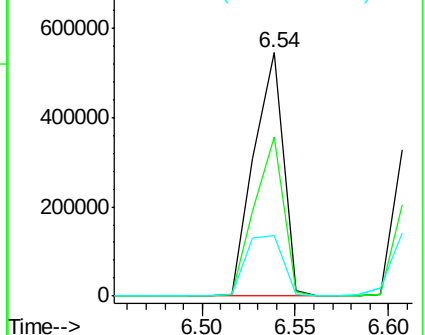
75 25.0 18.5 27.7

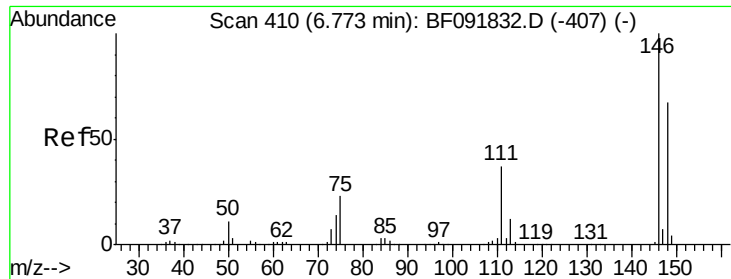


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

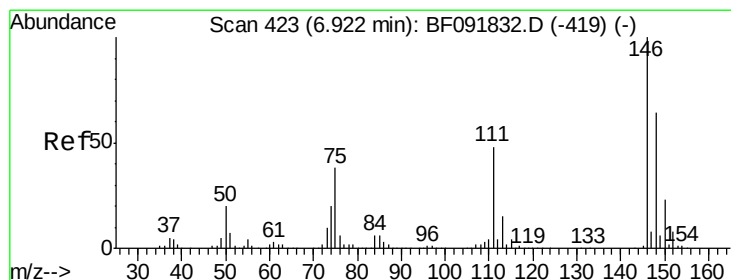
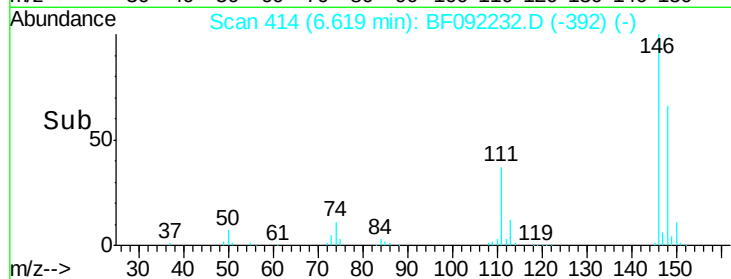
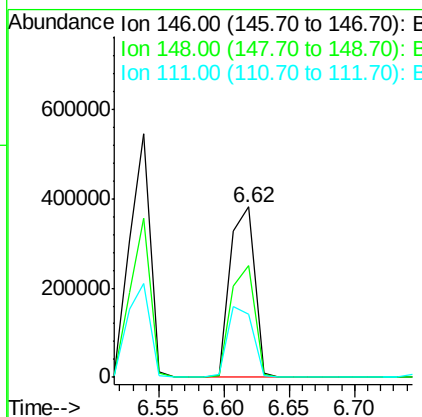
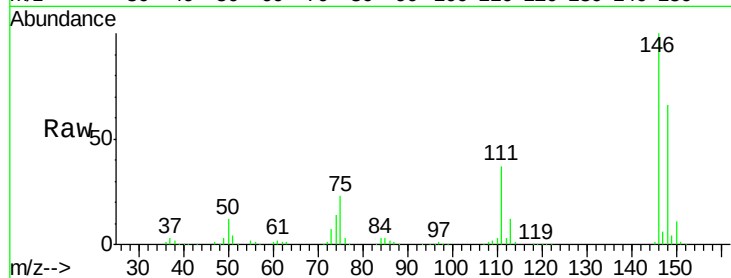




#13
 1,4-Dichlorobenzene
 Concen: 43.75 ng
 RT: 6.62 min Scan# 414
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

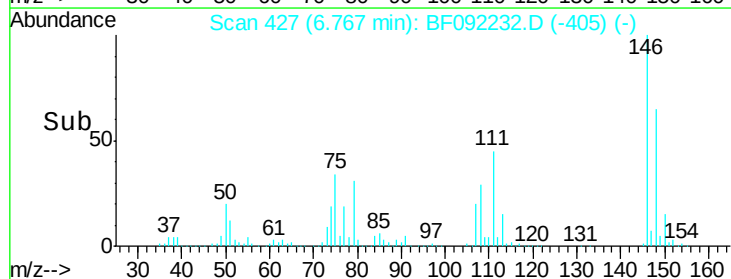
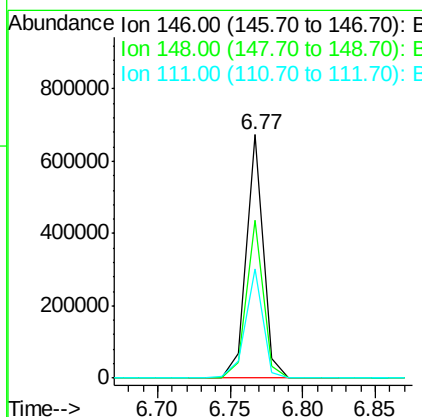
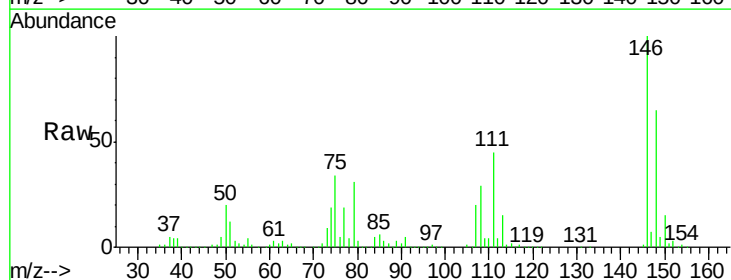
Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

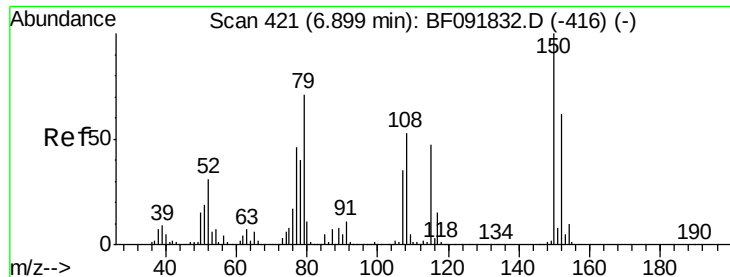
Tgt Ion:146 Resp: 499033
 Ion Ratio Lower Upper
 146 100
 148 65.8 50.6 76.0
 111 37.0 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 55.43 ng
 RT: 6.77 min Scan# 427
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Tgt Ion:146 Resp: 548592
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.2
 111 44.9 36.2 54.2





#15

Benzyl Alcohol

Concen: 52.46 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

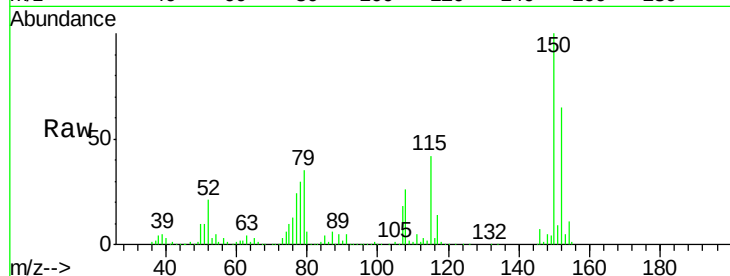
Tgt Ion: 79 Resp: 459268

Ion Ratio Lower Upper

79 100

108 72.2 61.4 92.0

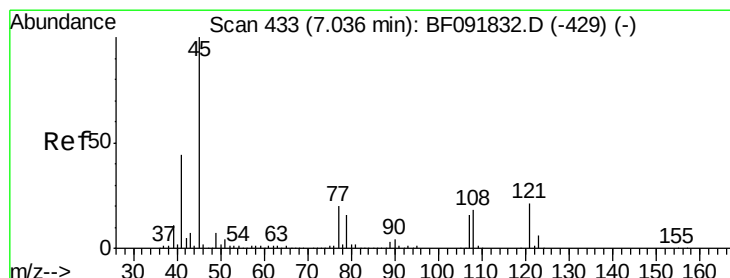
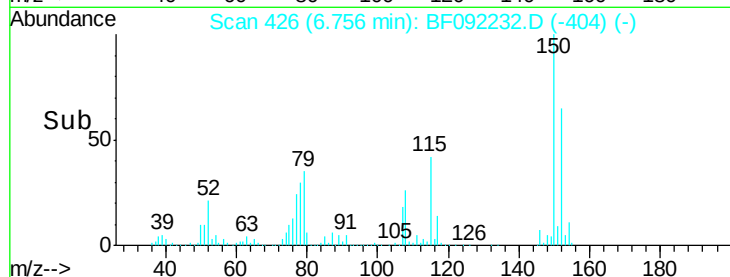
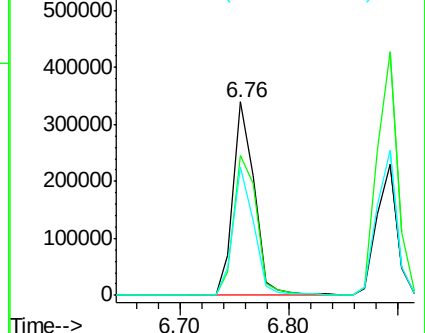
77 66.5 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.80 ng

RT: 6.89 min Scan# 438

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

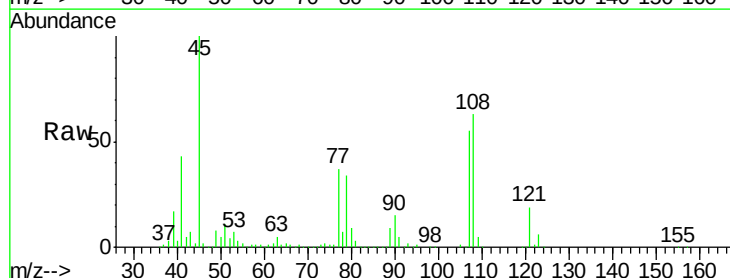
Tgt Ion: 45 Resp: 848865

Ion Ratio Lower Upper

45 100

77 37.5 0.0 34.6#

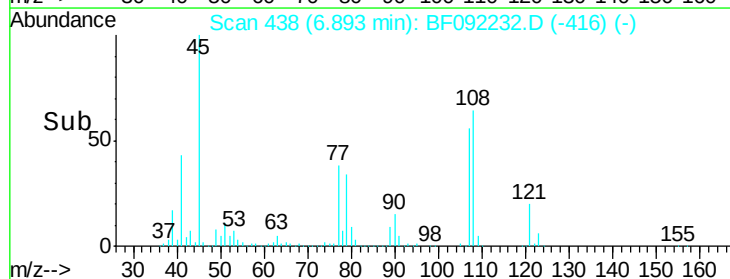
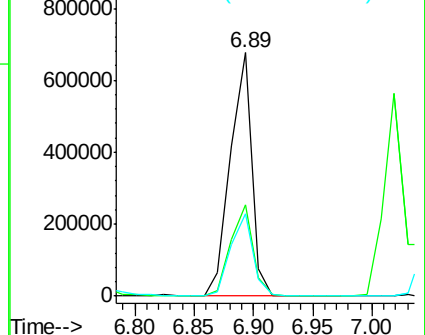
79 34.1 0.0 31.2#

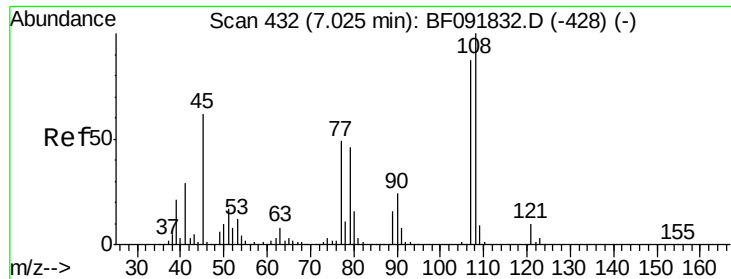


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

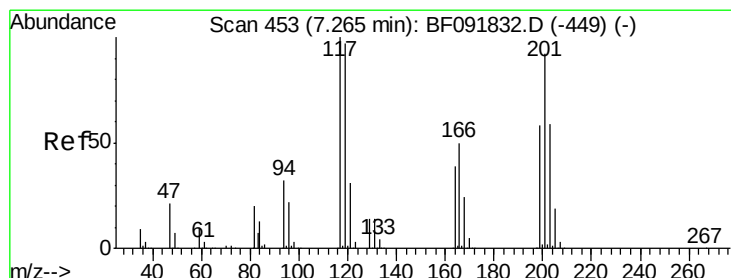
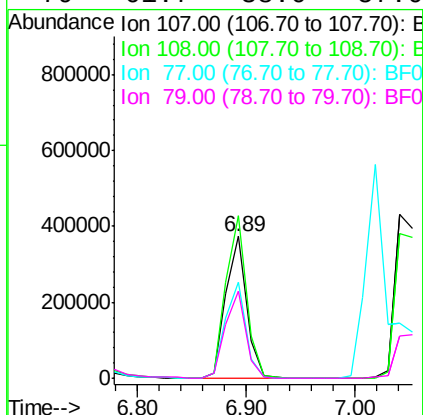
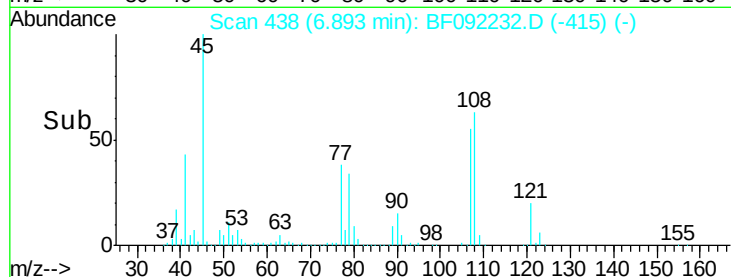
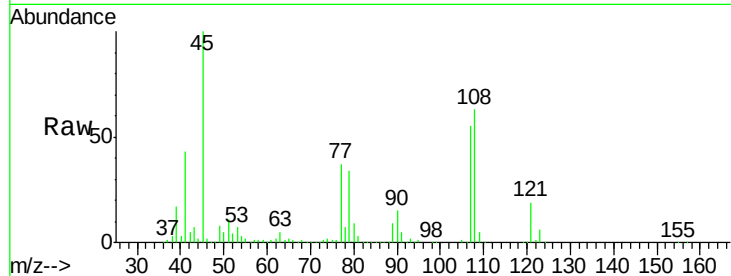




#17
2-Methylphenol
Concen: 58.14 ng
RT: 6.89 min Scan# 438
Delta R.T. -0.03 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

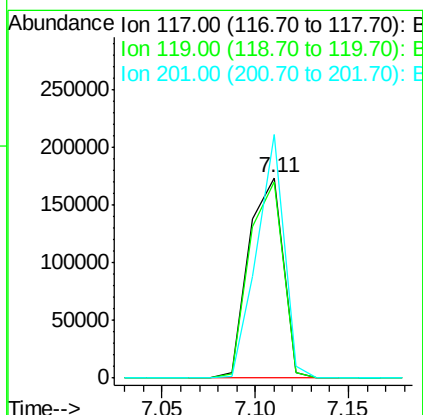
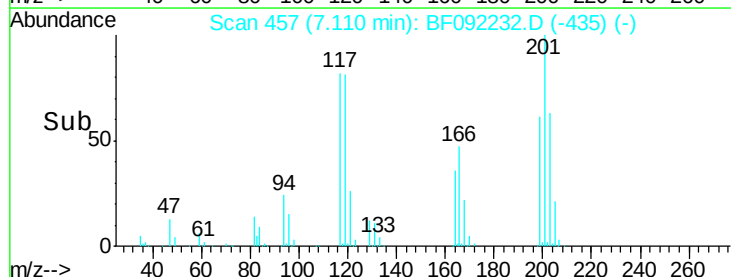
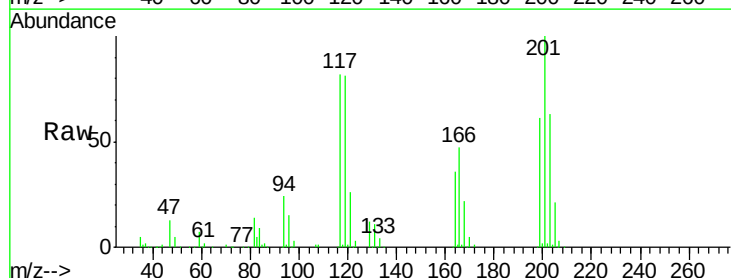
Instrument :
BNA_F
ClientSampleId :
SW-001MSD

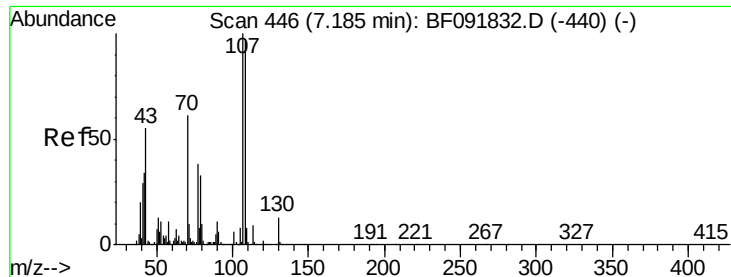
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.3	93.0	139.6
77	67.9	39.8	59.8#
79	61.7	38.0	57.0#



#18
Hexachloroethane
Concen: 52.08 ng
RT: 7.11 min Scan# 457
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	78.1	117.1
201	121.5	78.6	117.8#

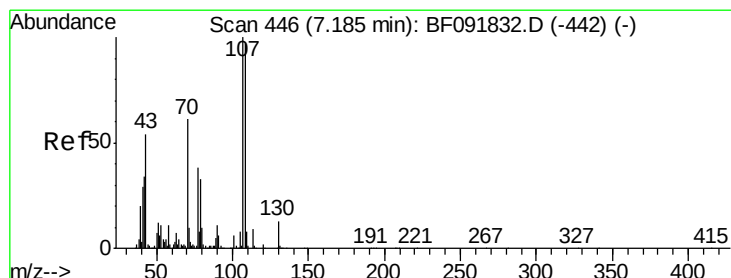
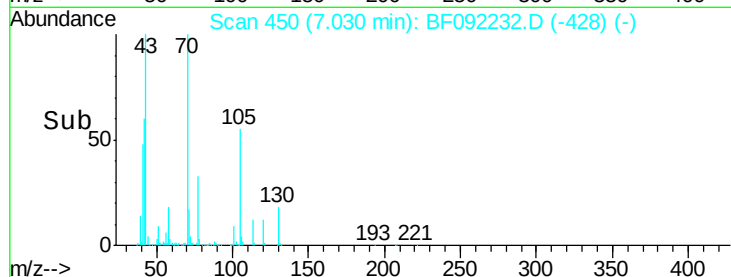
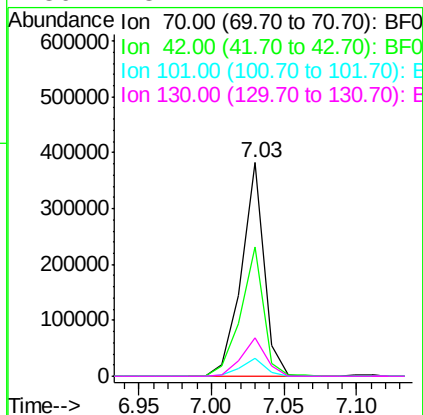
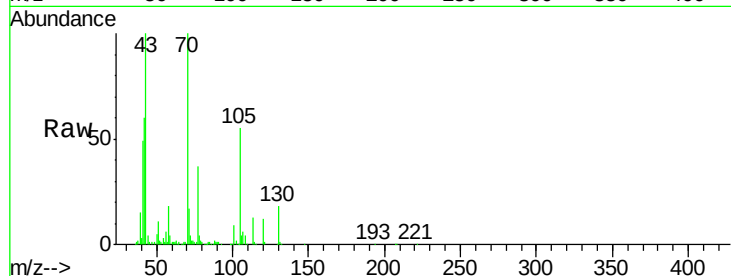




#19
n-Nitroso-di-n-propylamine
Concen: 55.55 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

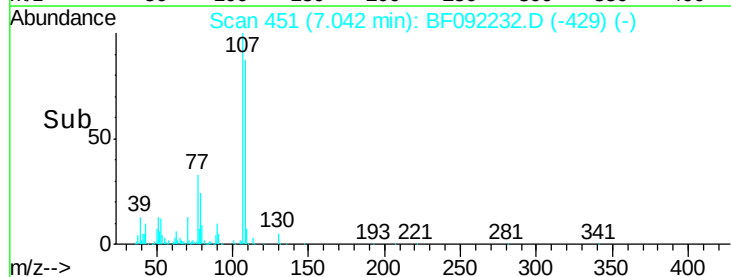
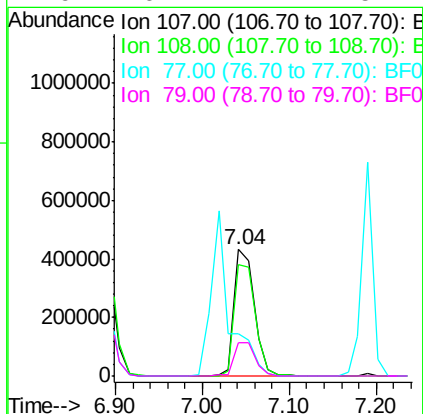
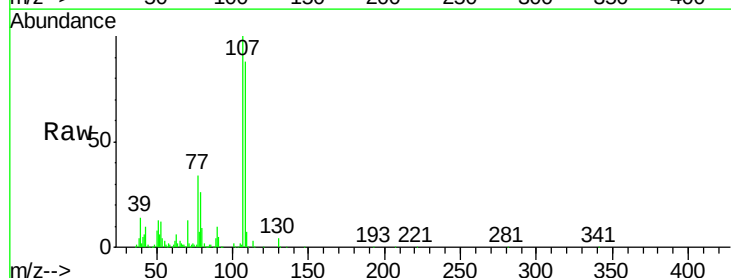
Instrument :
BNA_F
ClientSampleId :
SW-001MSD

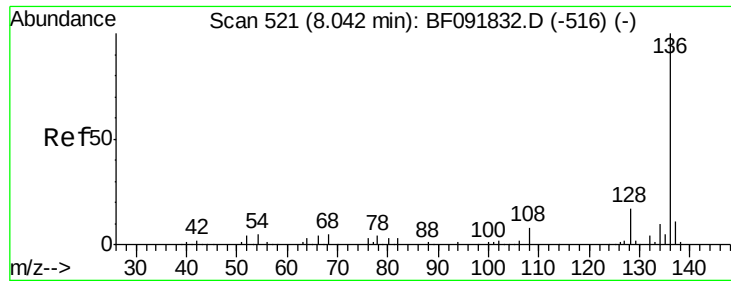
Tgt Ion:	70	Resp:	416371
Ion	Ratio	Lower	Upper
70	100		
42	60.5	49.4	74.0
101	8.6	7.4	11.2
130	18.2	14.2	21.4



#20
3+4-Methylphenols
Concen: 68.74 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Tgt Ion:	107	Resp:	692215
Ion	Ratio	Lower	Upper
107	100		
108	87.8	73.0	113.0
77	33.6	71.3	111.3#
79	26.1	11.1	51.1

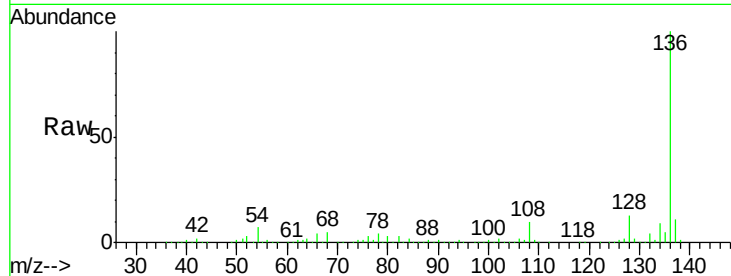




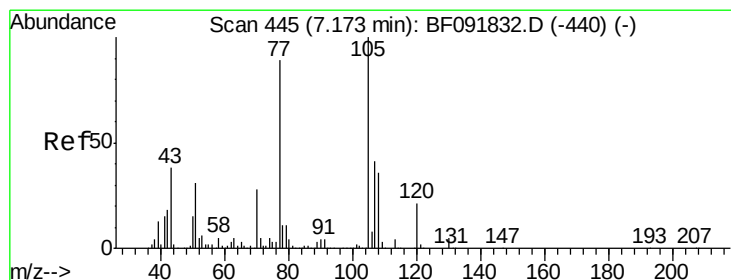
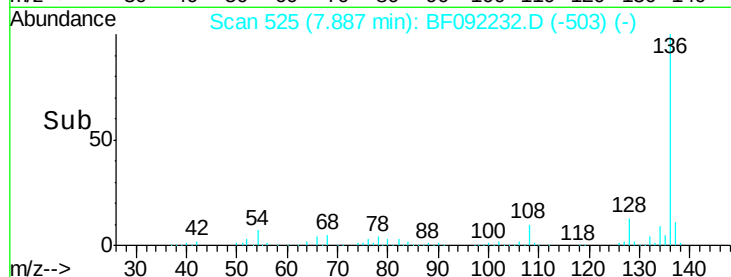
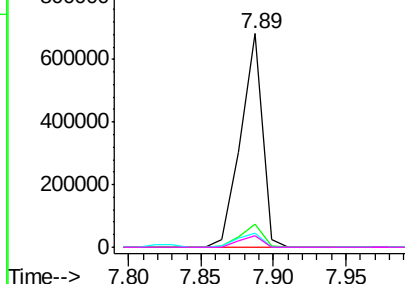
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Tgt Ion:	136	Resp:	709801
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.4	12.6
54	6.6	4.5	6.7
68	5.2	3.6	5.4

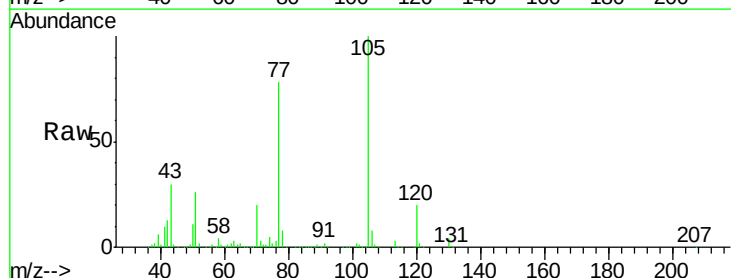


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

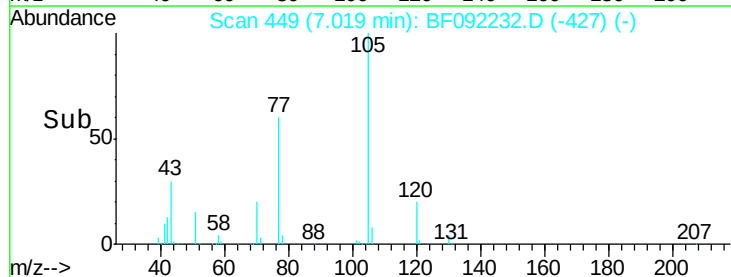
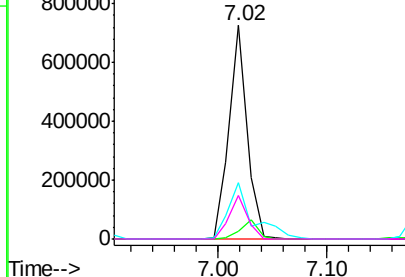


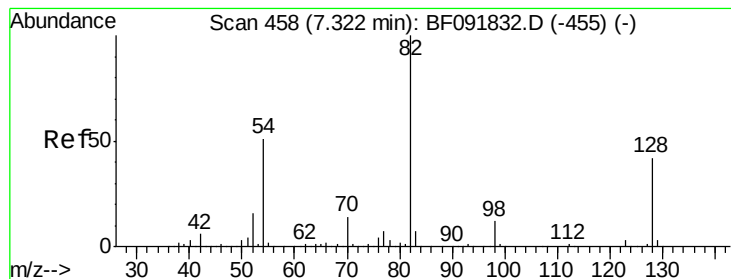
#22
Acetophenone
Concen: 47.75 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Tgt Ion:	105	Resp:	836020
Ion Ratio	Lower	Upper	
105	100		
71	3.4	3.2	4.8
51	26.4	26.2	39.4
120	20.4	16.6	24.8



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





#23

Nitrobenzene-d5

Concen: 103.85 ng

RT: 7.18 min Scan# 463

Delta R.T. -0.03 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

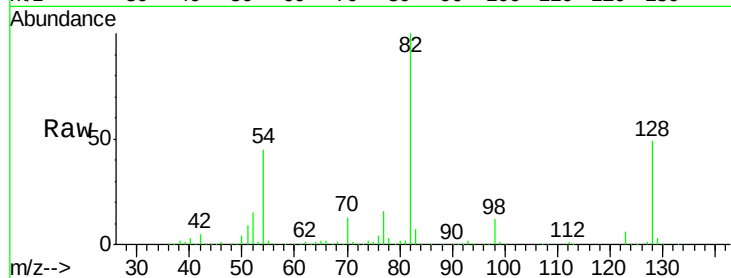
Tgt Ion: 82 Resp: 1325671

Ion Ratio Lower Upper

82 100

128 48.8 34.6 52.0

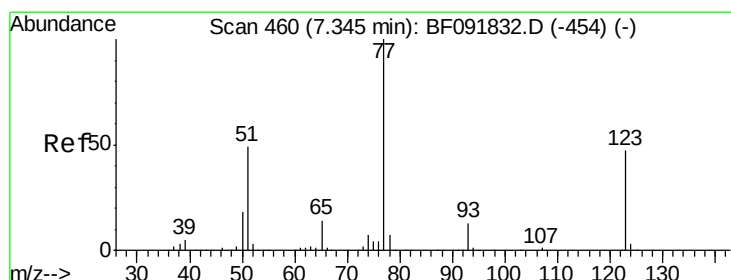
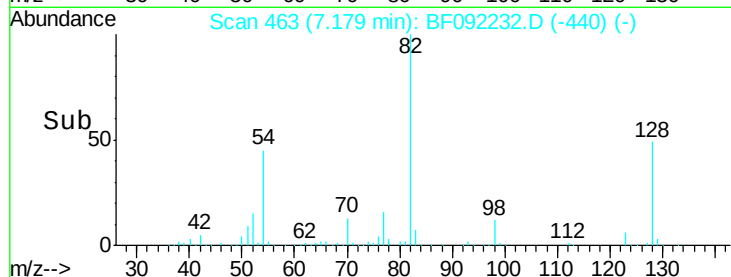
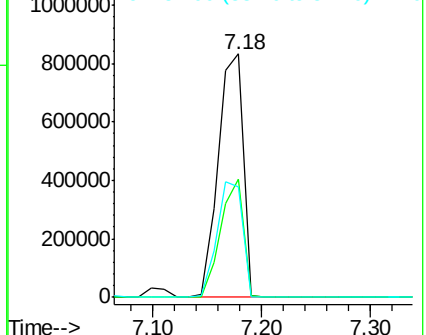
54 45.3 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 47.47 ng

RT: 7.19 min Scan# 464

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

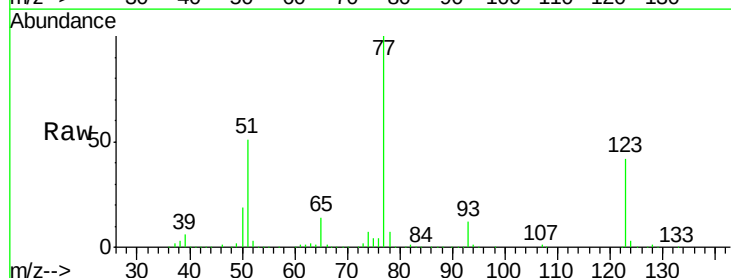
Tgt Ion: 77 Resp: 645360

Ion Ratio Lower Upper

77 100

123 42.5 33.0 49.4

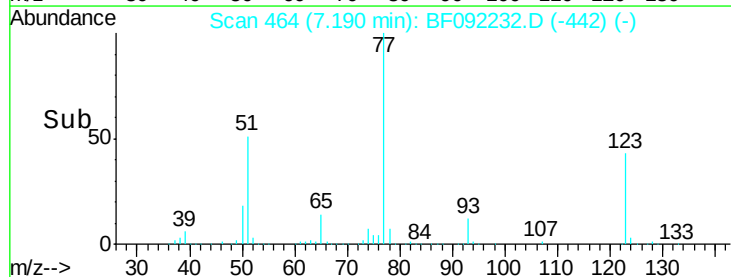
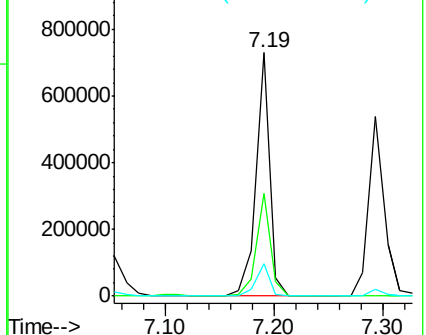
65 13.5 11.2 16.8

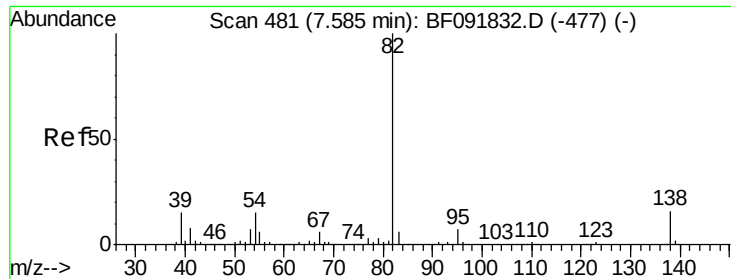


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 47.76 ng

RT: 7.43 min Scan# 485

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampled :

SW-001MSD

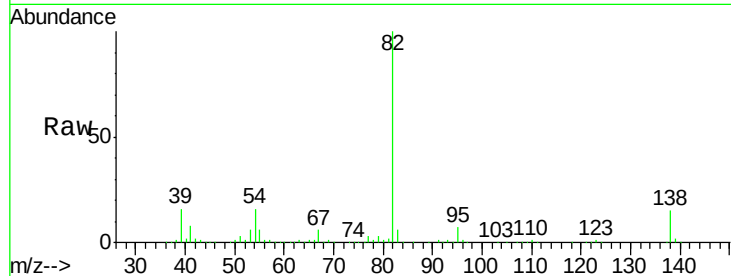
Tgt Ion: 82 Resp: 1124864

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

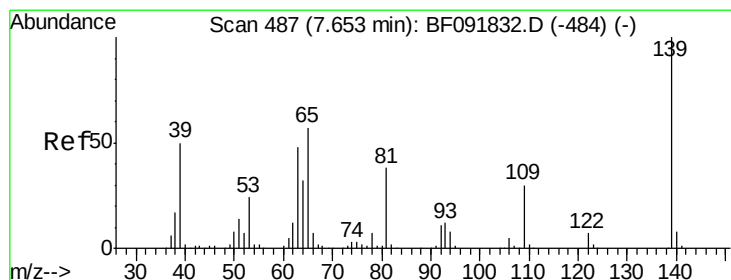
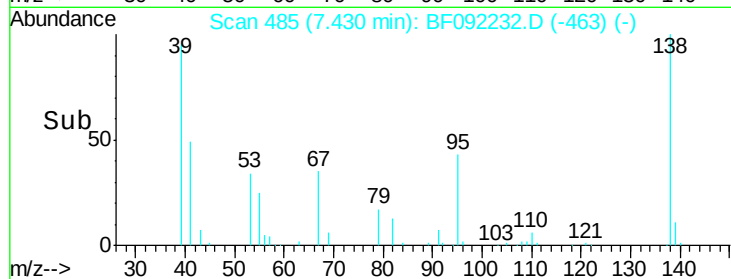
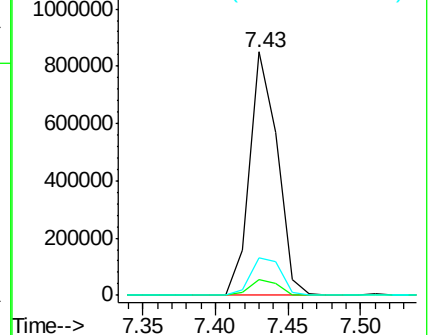
138 15.4 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.73 ng

RT: 7.51 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

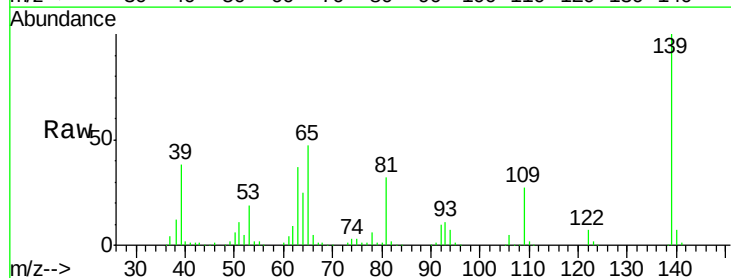
Tgt Ion: 139 Resp: 313320

Ion Ratio Lower Upper

139 100

109 26.8 23.3 34.9

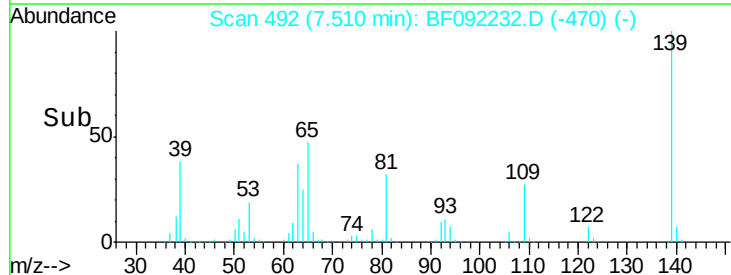
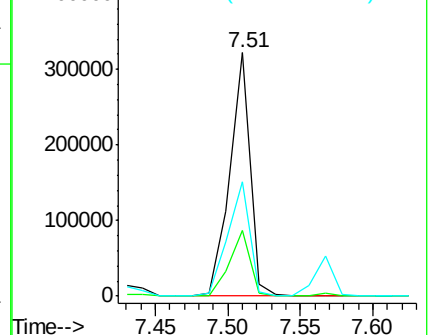
65 47.1 42.7 64.1

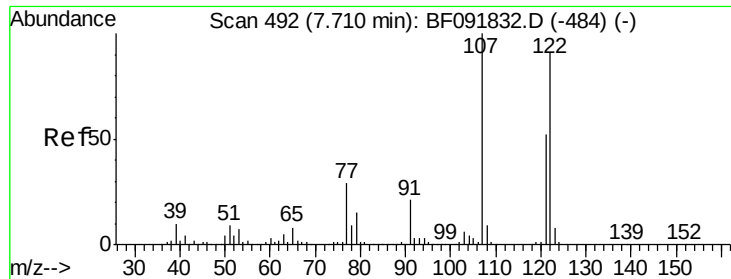


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

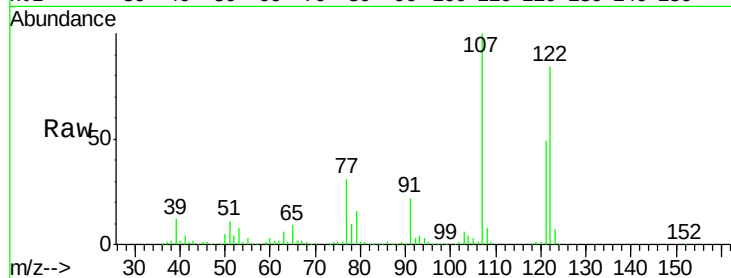




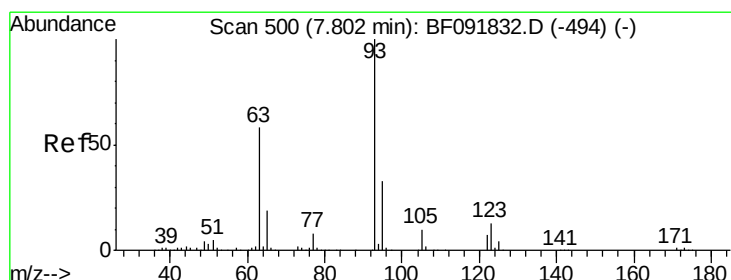
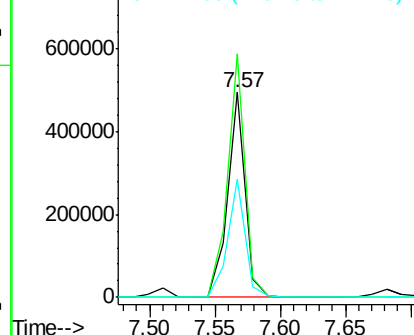
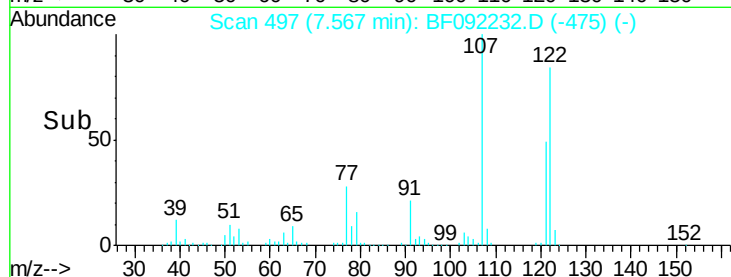
#27
 2,4-Dimethylphenol
 Concen: 42.03 ng
 RT: 7.57 min Scan# 497
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Tgt Ion: 122 Resp: 467380
 Ion Ratio Lower Upper
 122 100
 107 118.8 94.1 141.1
 121 57.8 46.0 69.0

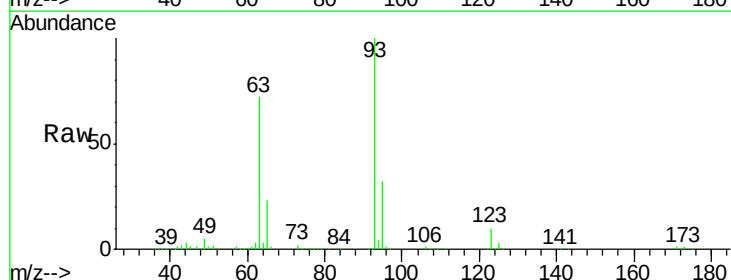


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

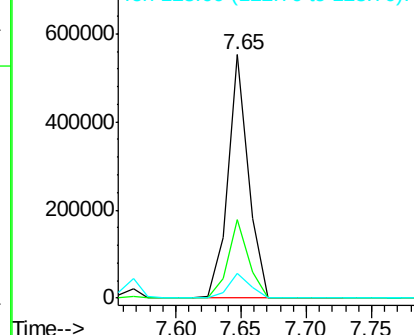
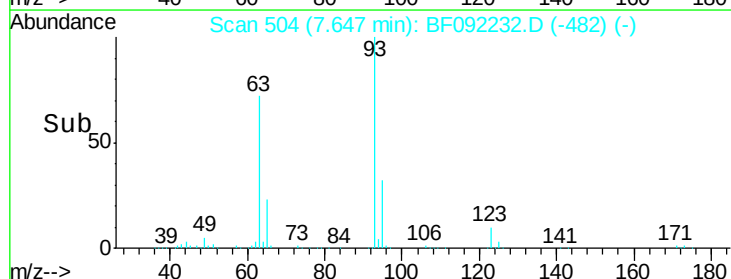


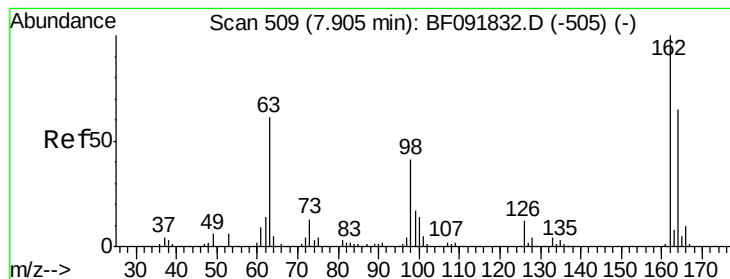
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.09 ng
 RT: 7.65 min Scan# 504
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Tgt Ion: 93 Resp: 601132
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.5 39.7
 123 10.1 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

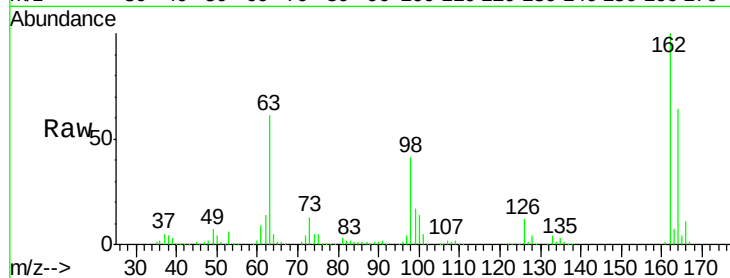




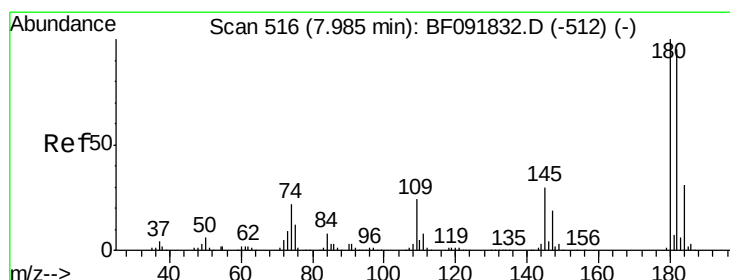
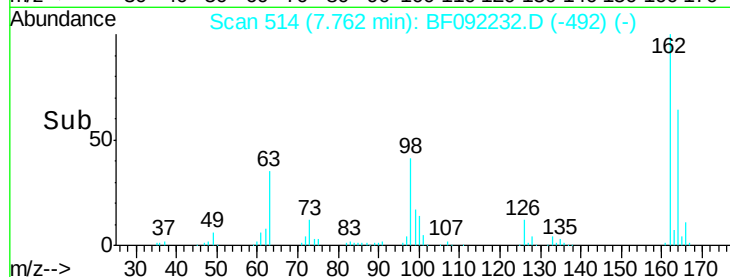
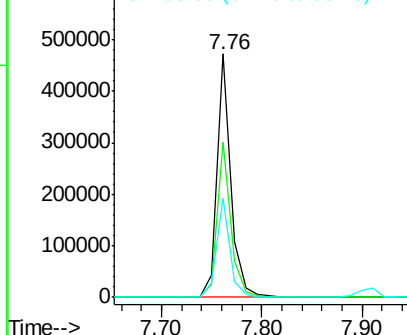
#29
2,4-Dichlorophenol
Concen: 47.38 ng
RT: 7.76 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Tgt Ion:162 Resp: 446102
Ion Ratio Lower Upper
162 100
164 63.9 46.8 86.8
98 40.7 9.1 49.1

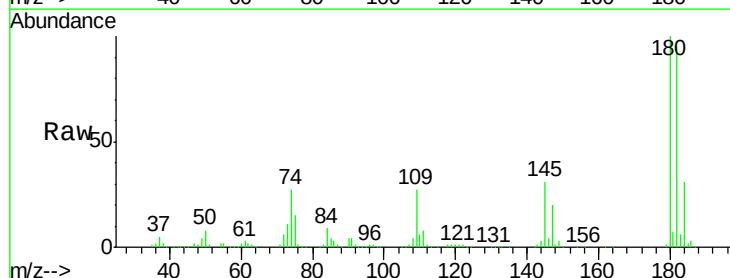


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

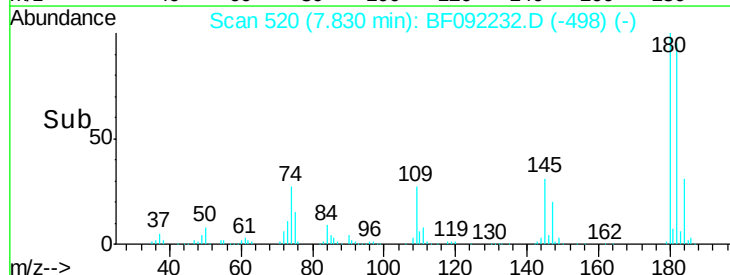
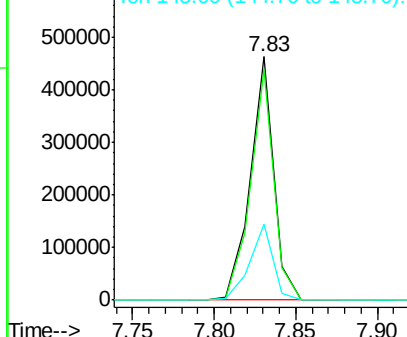


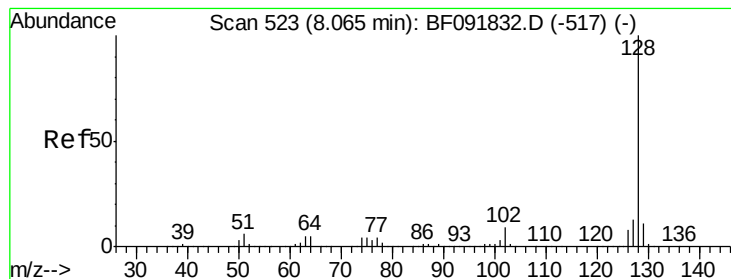
#30
1,2,4-Trichlorobenzene
Concen: 44.55 ng
RT: 7.83 min Scan# 520
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Tgt Ion:180 Resp: 459731
Ion Ratio Lower Upper
180 100
182 94.6 78.2 117.4
145 31.2 21.6 32.4



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





#31

Naphthalene

Concen: 48.03 ng

RT: 7.91 min Scan# 527

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

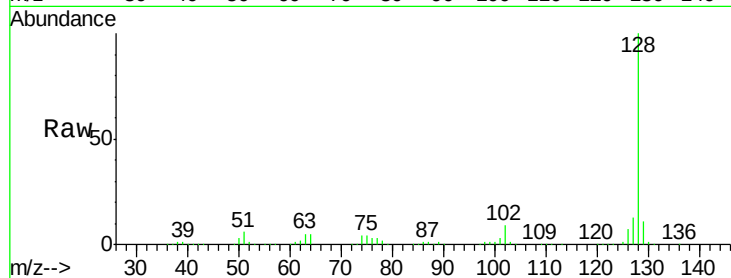
Tgt Ion:128 Resp: 1560413

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

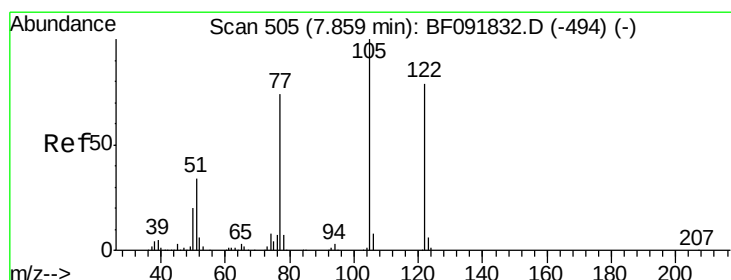
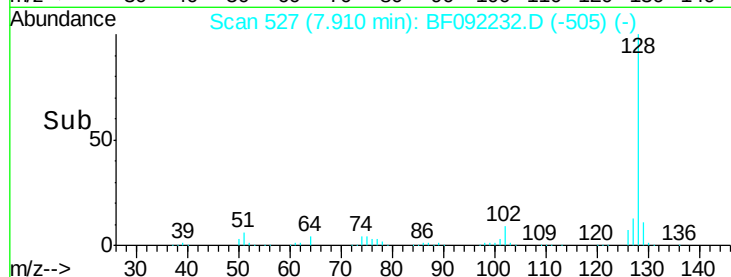
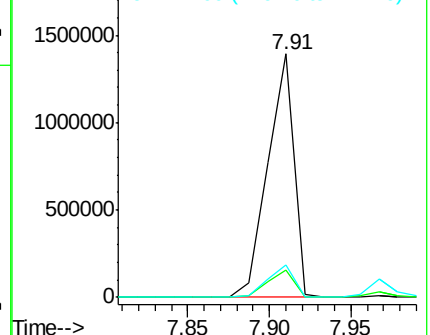
127 13.3 10.8 16.2



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: 3.39 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.07 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

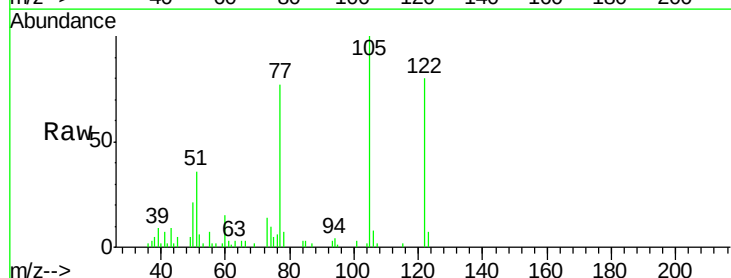
Tgt Ion:122 Resp: 27930

Ion Ratio Lower Upper

122 100

105 125.5 107.2 147.2

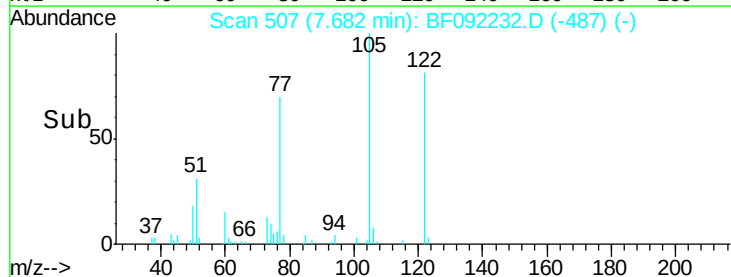
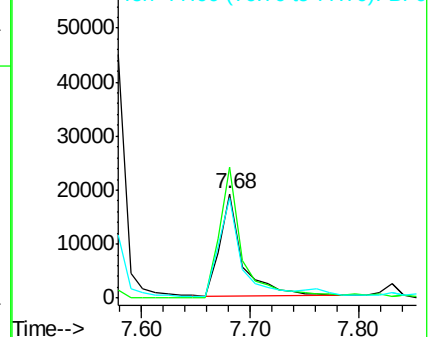
77 96.6 74.5 114.5

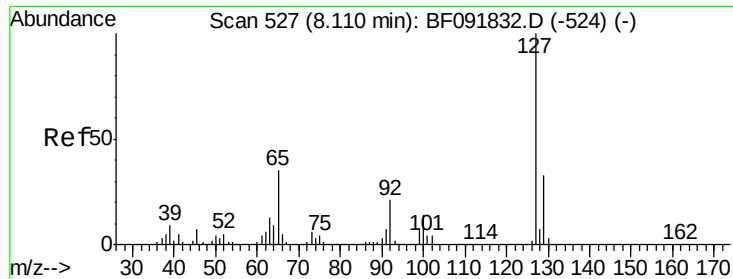


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

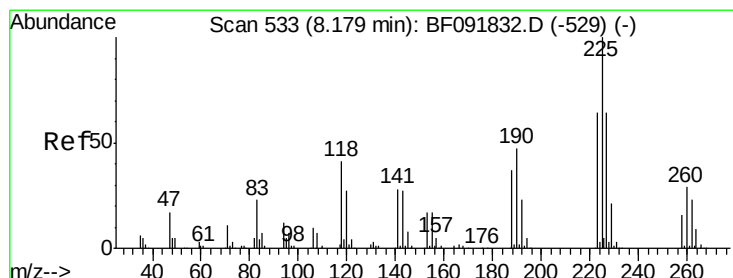
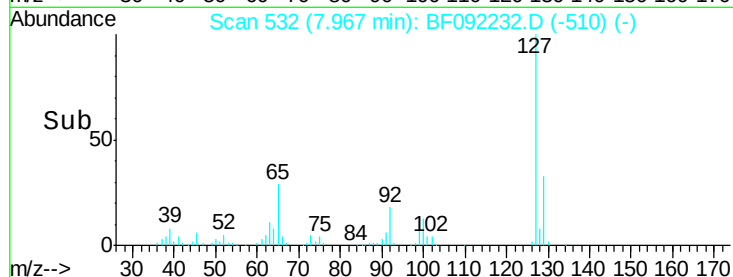
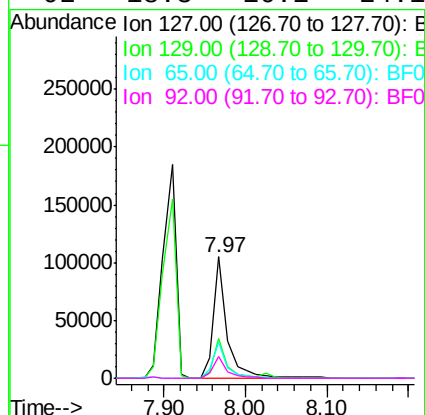
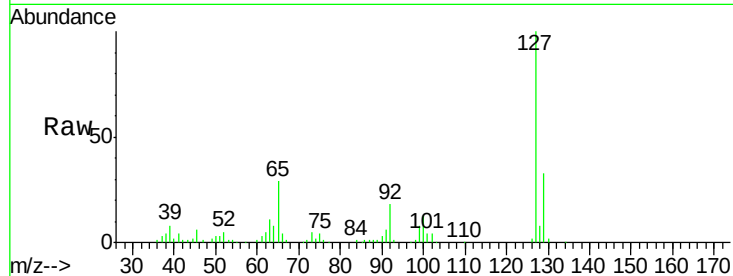




#33
4-Chloroaniline
Concen: 8.56 ng
RT: 7.97 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

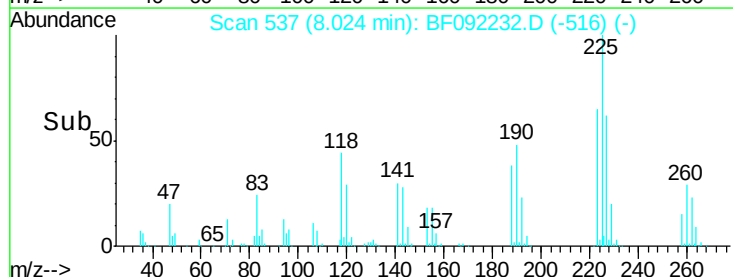
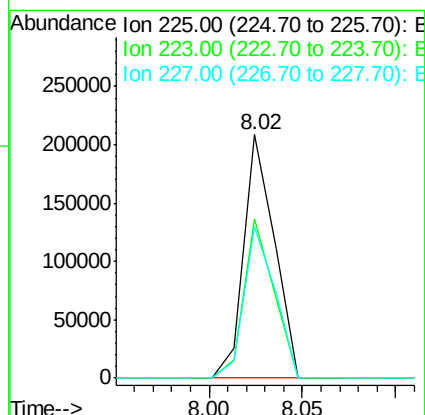
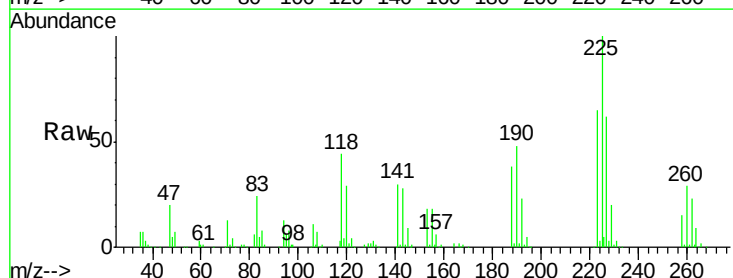
Instrument :
BNA_F
ClientSampleId :
SW-001MSD

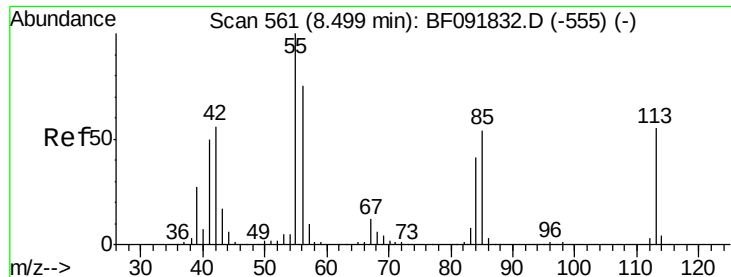
Tgt Ion:	127	Resp:	125392
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	29.4	25.8	38.8
92	18.3	16.1	24.1



#34
Hexachlorobutadiene
Concen: 43.61 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.06 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Tgt Ion:	225	Resp:	237525
Ion	Ratio	Lower	Upper
225	100		
223	65.3	51.0	76.6
227	62.0	50.6	76.0

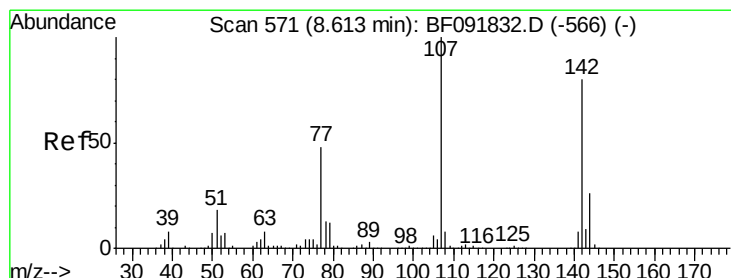
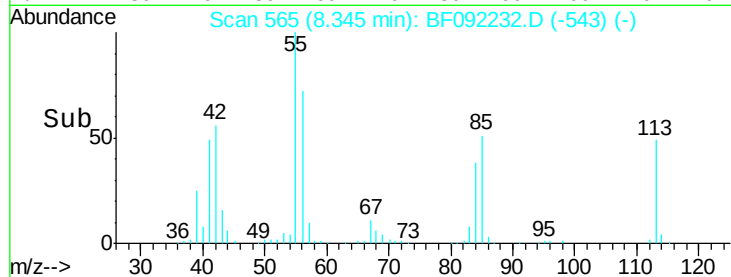
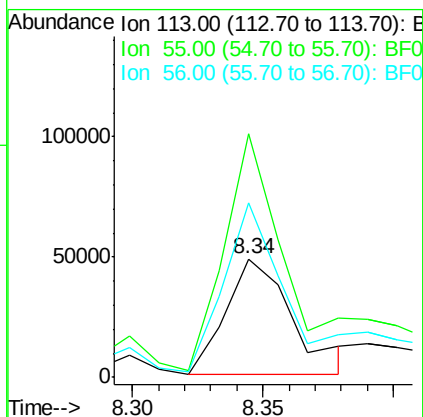
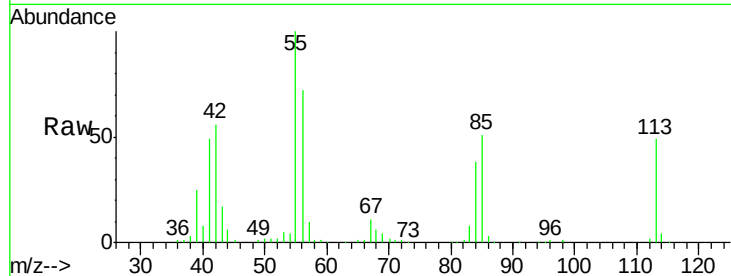




#35
 Caprolactam
 Concen: 28.09 ng
 RT: 8.34 min Scan# 565
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

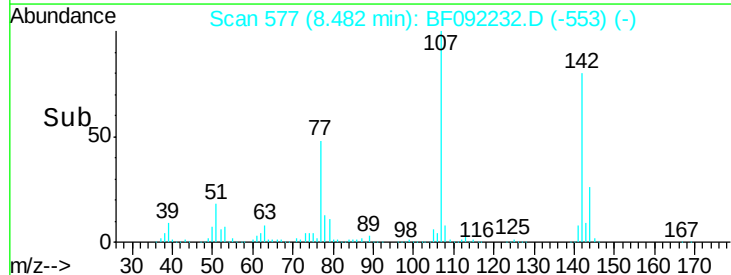
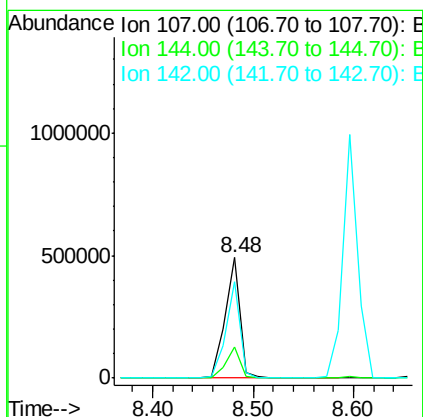
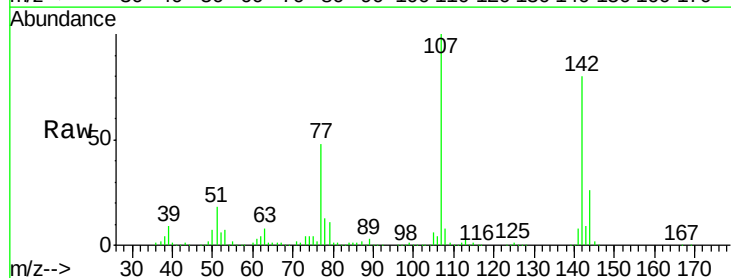
Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

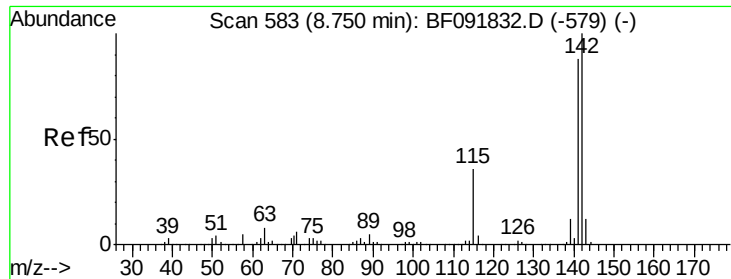
Tgt Ion:113 Resp: 86912
 Ion Ratio Lower Upper
 113 100
 55 205.8 119.2 159.2#
 56 147.2 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 46.29 ng
 RT: 8.48 min Scan# 577
 Delta R.T. -0.02 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Tgt Ion:107 Resp: 501561
 Ion Ratio Lower Upper
 107 100
 144 26.2 19.3 28.9
 142 80.3 59.0 88.6

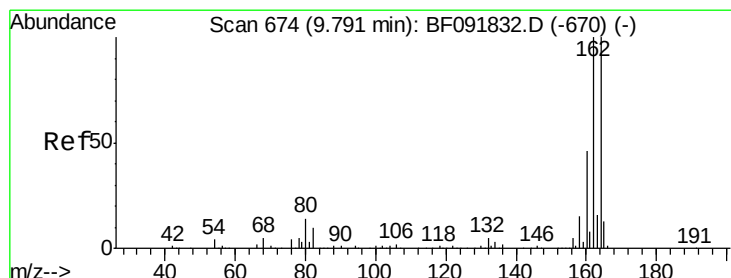
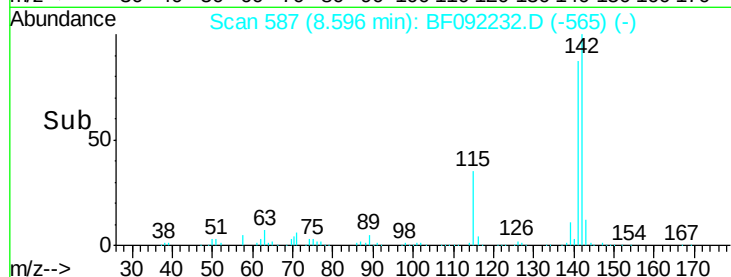
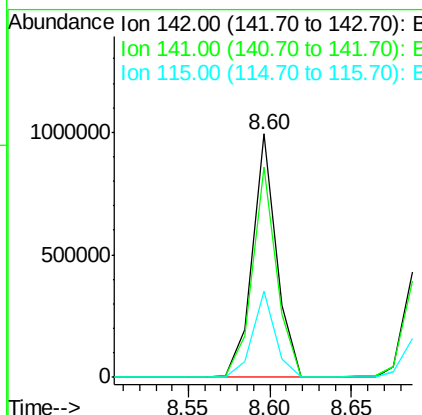
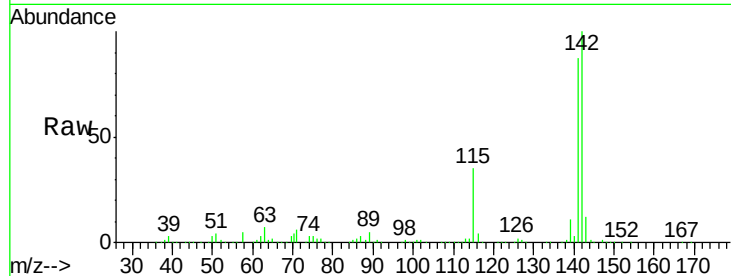




#37
 2-Methylnaphthalene
 Concen: 57.53 ng
 RT: 8.60 min Scan# 587
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

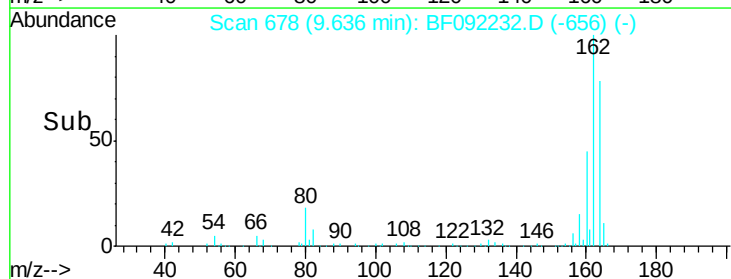
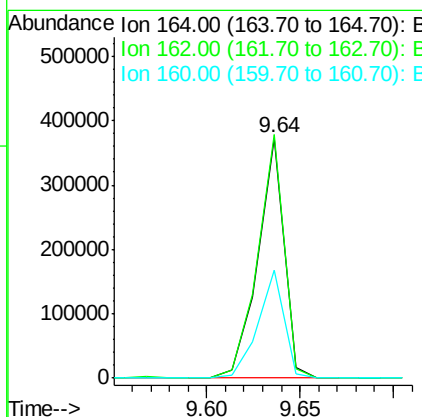
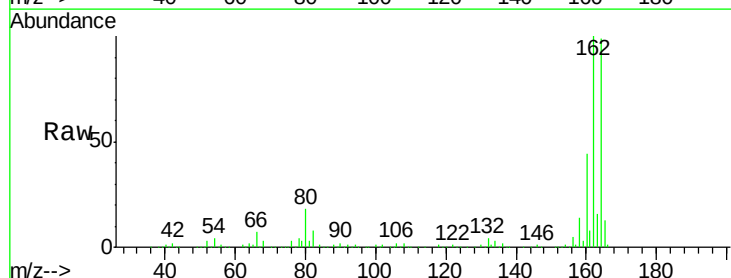
Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

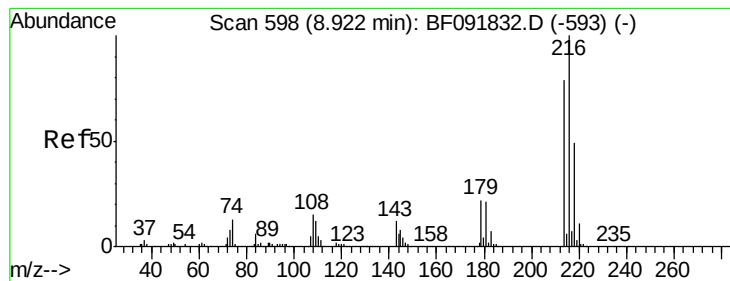
Tgt Ion:142 Resp: 1019418
 Ion Ratio Lower Upper
 142 100
 141 86.6 71.0 106.6
 115 35.3 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 678
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Tgt Ion:164 Resp: 361382
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.2 120.2
 160 45.1 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.87 ng

RT: 8.77 min Scan# 602

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

Tgt Ion:216 Resp: 446180

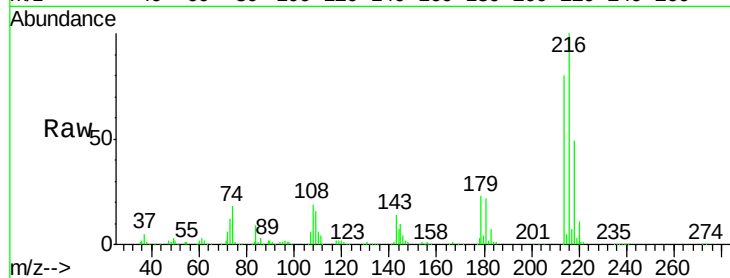
Ion Ratio Lower Upper

216 100

214 80.7 63.4 95.0

179 23.0 17.4 26.2

108 21.4 15.6 23.4

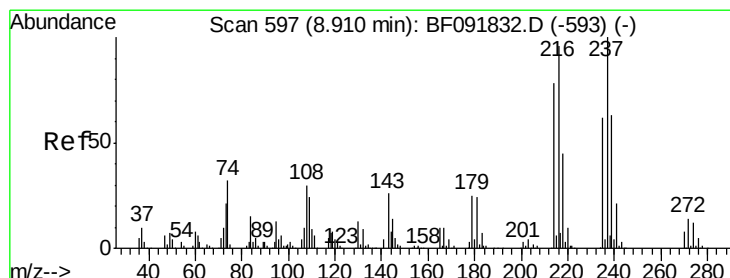
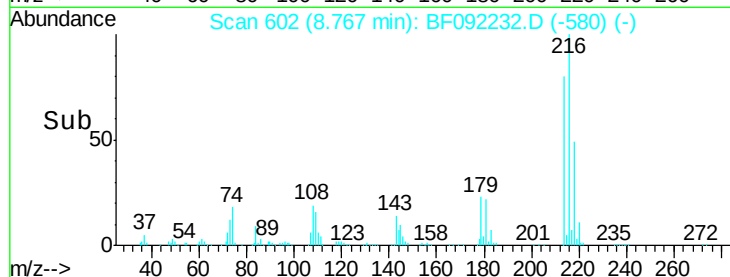
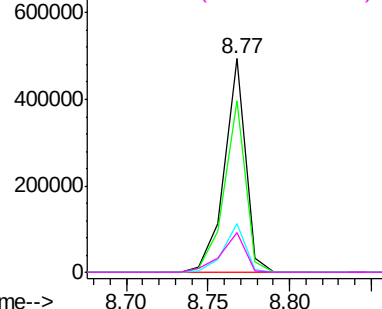


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 50.27 ng

RT: 8.76 min Scan# 601

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

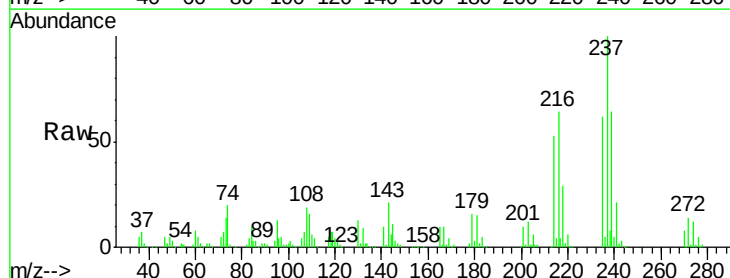
Tgt Ion:237 Resp: 198084

Ion Ratio Lower Upper

237 100

235 62.2 41.2 81.2

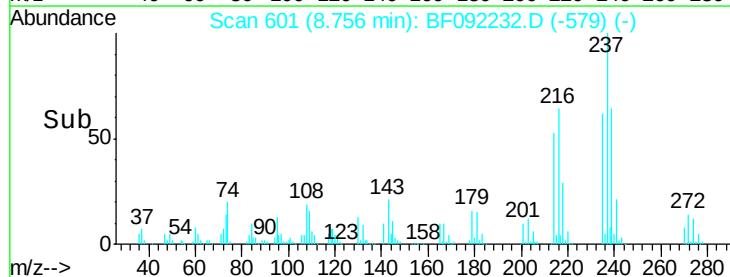
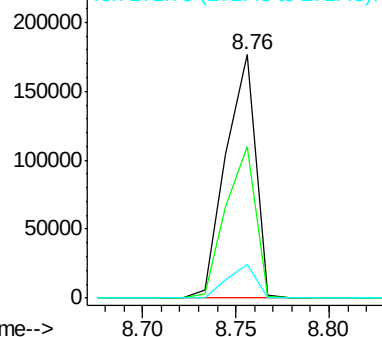
272 13.8 0.0 35.4

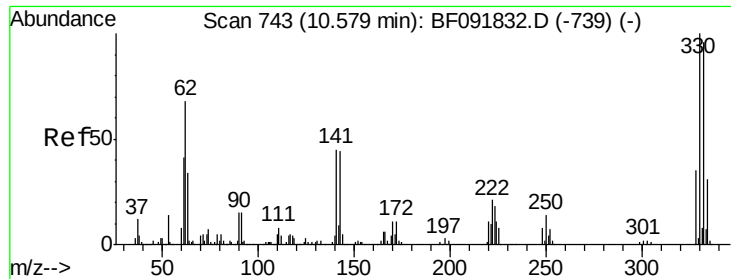


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

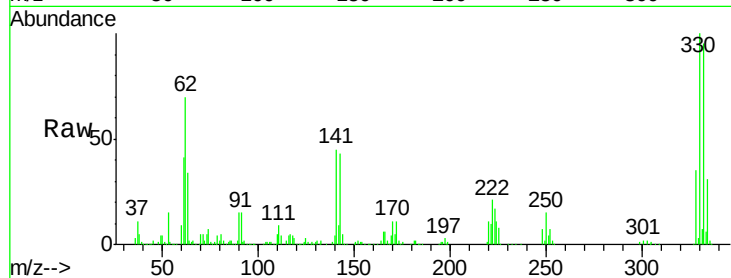




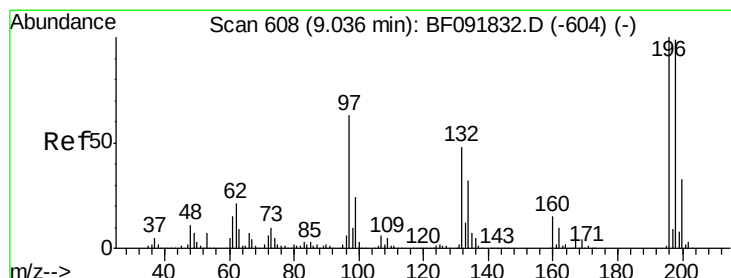
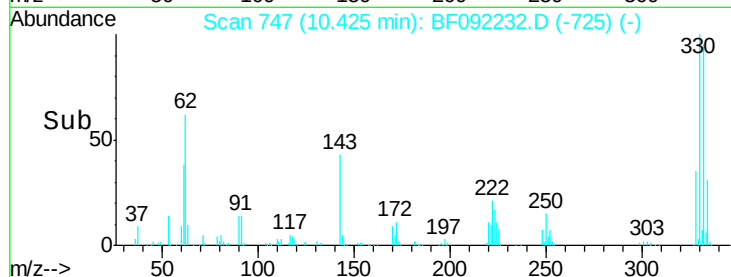
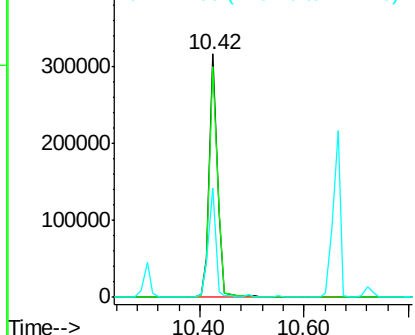
#41
 2,4,6-Tribromophenol
 Concen: 116.39 ng
 RT: 10.42 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Tgt Ion:330 Resp: 348075
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.2
 141 40.1 34.1 51.1

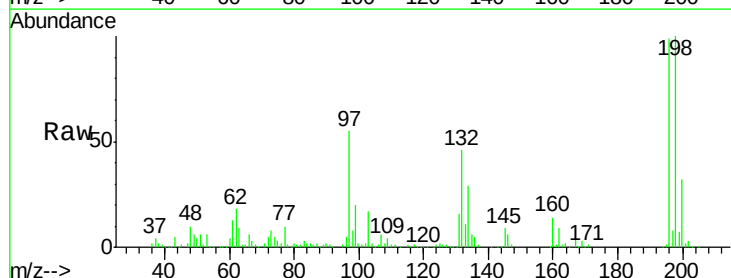


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

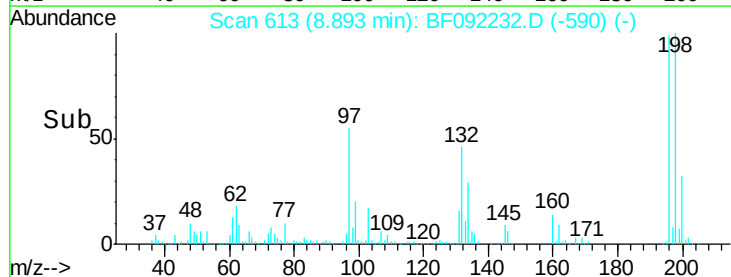
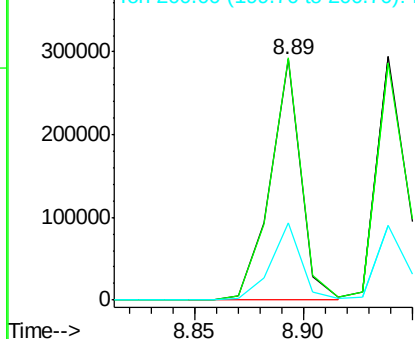


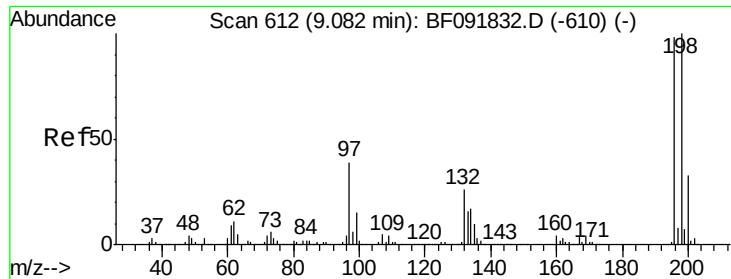
#42
 2,4,6-Trichlorophenol
 Concen: 45.39 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Tgt Ion:196 Resp: 289828
 Ion Ratio Lower Upper
 196 100
 198 100.5 82.1 123.1
 200 32.2 27.0 40.4



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

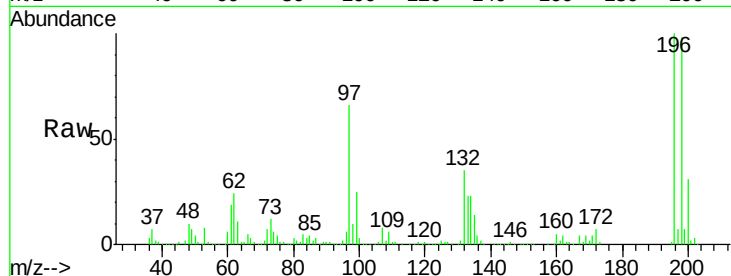




#43
 2,4,5-Trichlorophenol
 Concen: 43.47 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	79.4	119.2
97	65.9	51.5	77.3
132	35.0	27.4	41.2



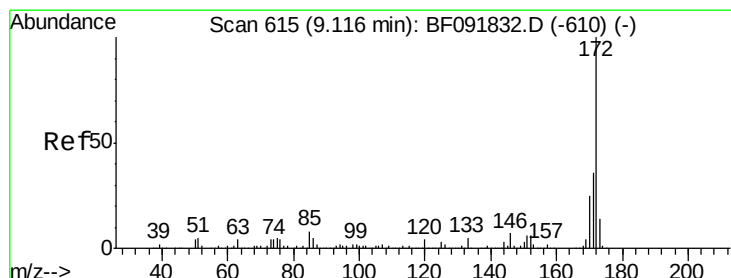
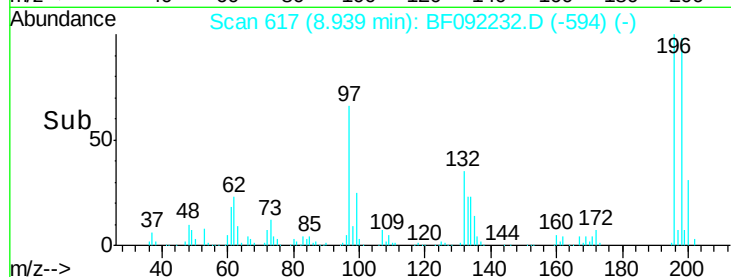
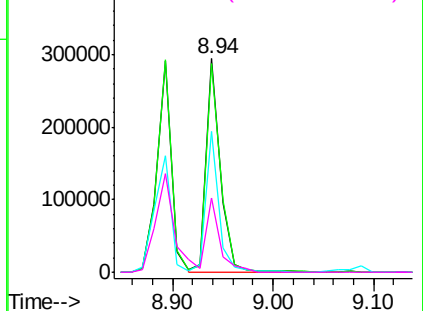
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

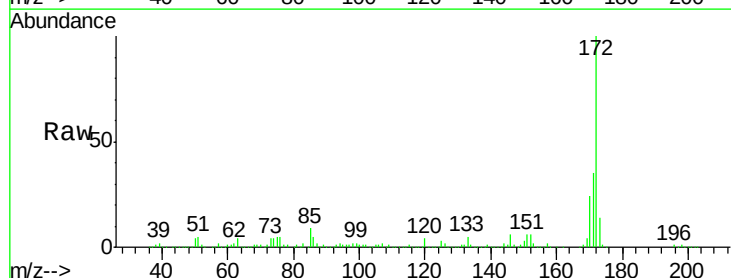
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 109.09 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.4	44.0
170	24.0	20.2	30.4

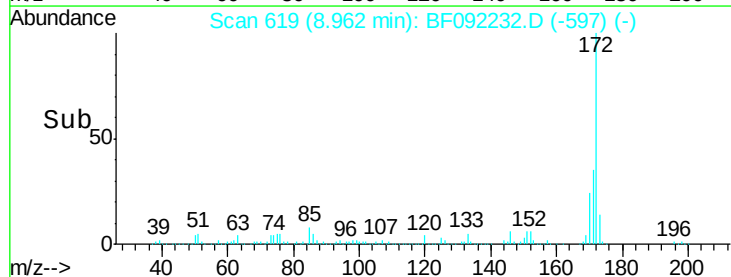
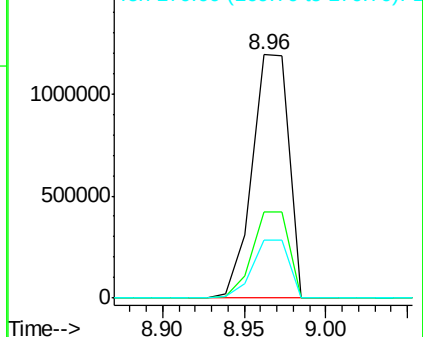


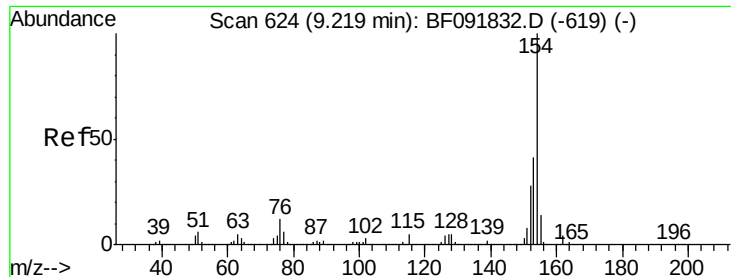
Abundance

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: 48.26 ng

RT: 9.06 min Scan# 628

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

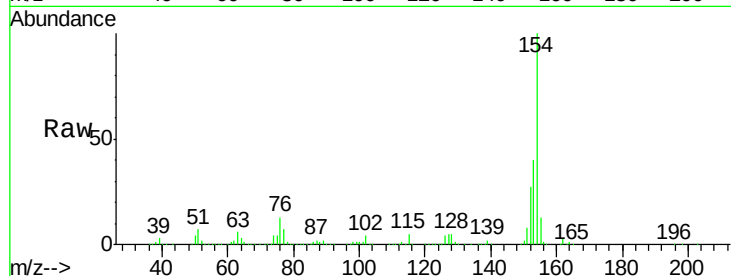
Tgt Ion:154 Resp: 1194179

Ion Ratio Lower Upper

154 100

153 40.2 20.9 60.9

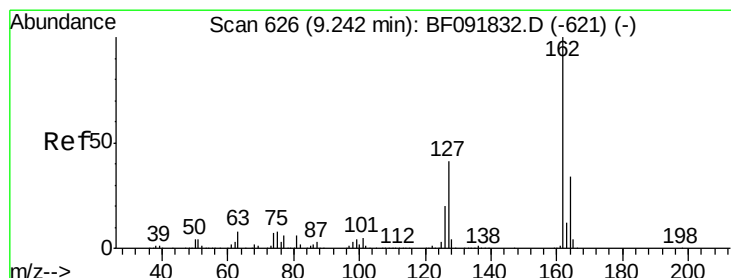
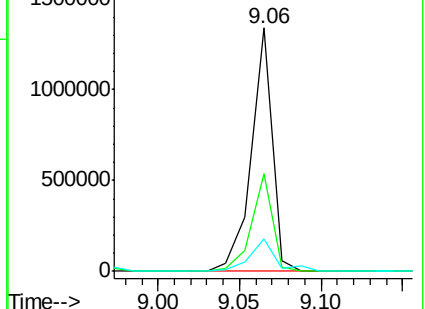
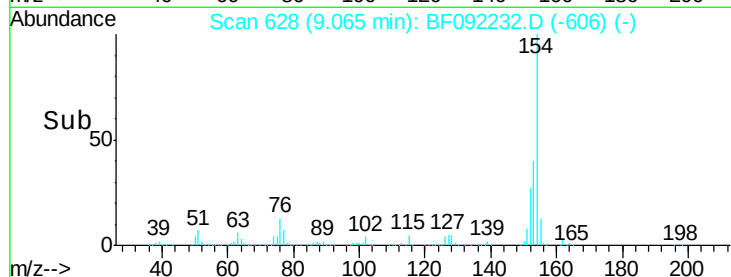
76 13.1 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.64 ng

RT: 9.09 min Scan# 630

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

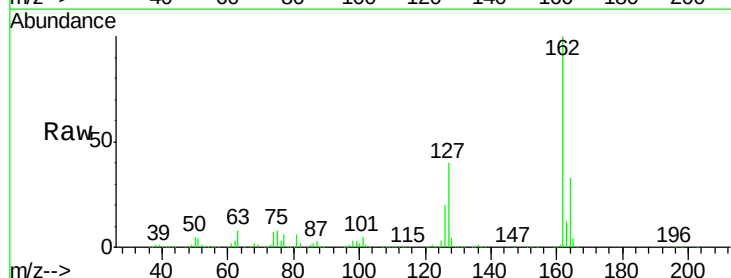
Tgt Ion:162 Resp: 933505

Ion Ratio Lower Upper

162 100

127 40.3 30.7 46.1

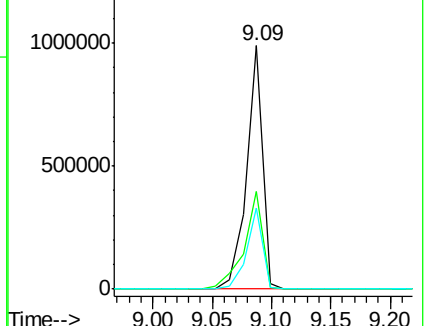
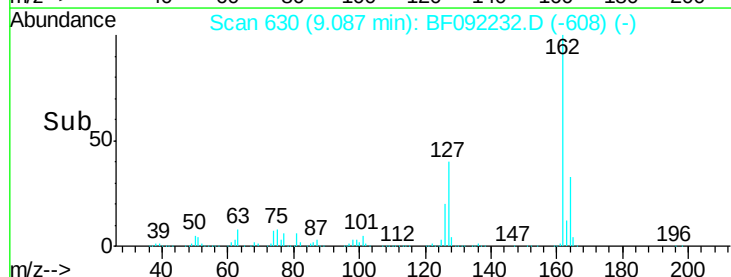
164 33.4 27.6 41.4

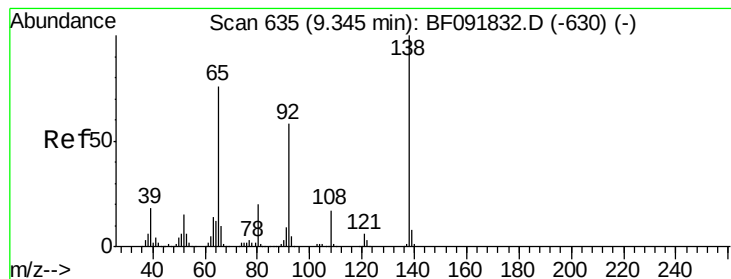


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.77 ng

RT: 9.19 min Scan# 639

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

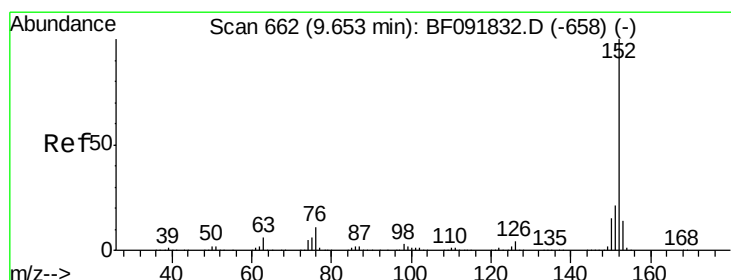
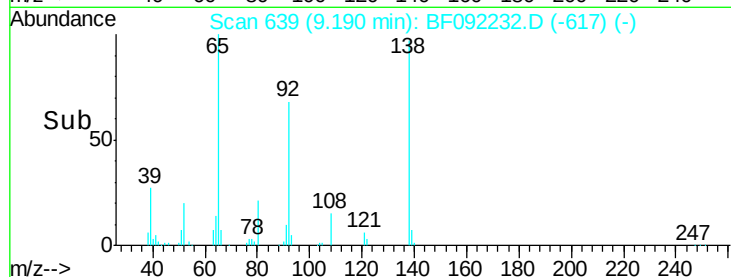
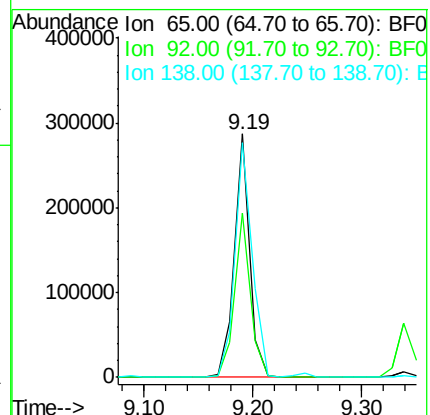
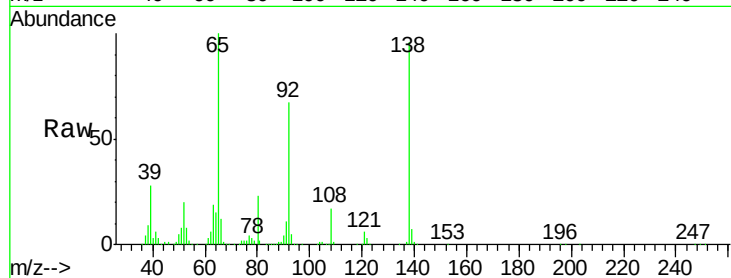
Tgt Ion: 65 Resp: 277455

Ion Ratio Lower Upper

65 100

92 67.2 53.9 80.9

138 96.3 76.8 115.2



#48

Acenaphthylene

Concen: 45.78 ng

RT: 9.50 min Scan# 666

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

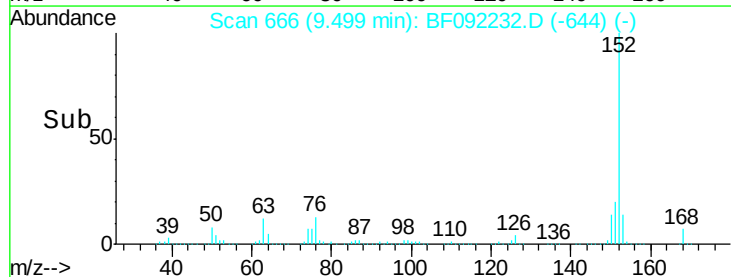
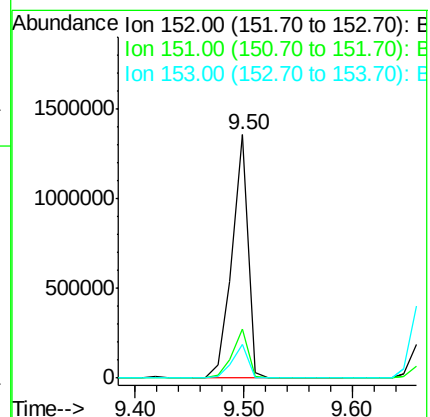
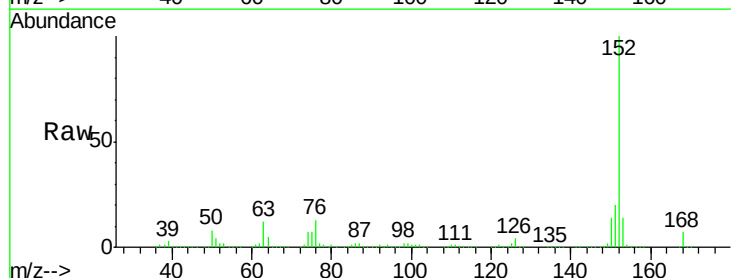
Tgt Ion: 152 Resp: 1379623

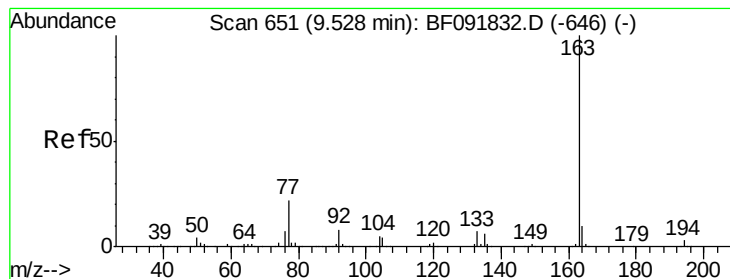
Ion Ratio Lower Upper

152 100

151 20.3 16.9 25.3

153 13.9 11.4 17.2





#49

Dimethylphthalate

Concen: 70.85 ng

RT: 9.37 min Scan# 655

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

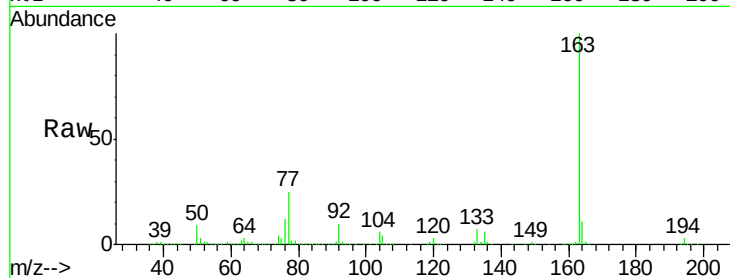
Tgt Ion:163 Resp: 1637527

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

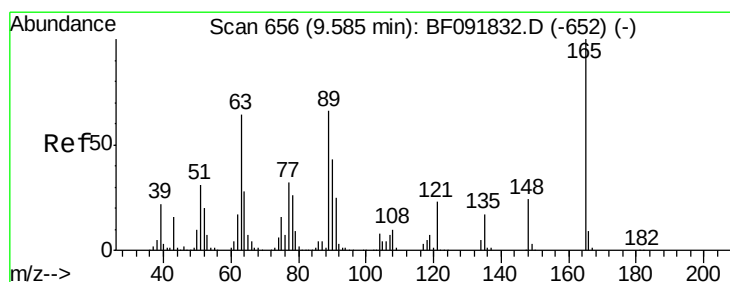
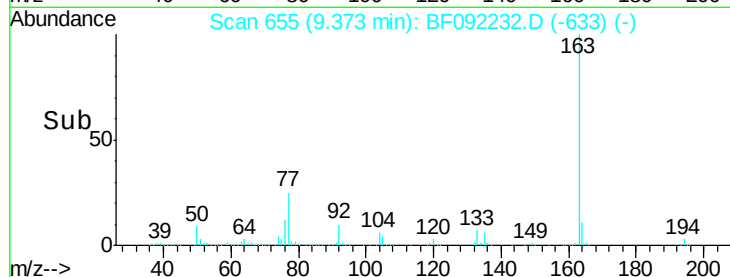
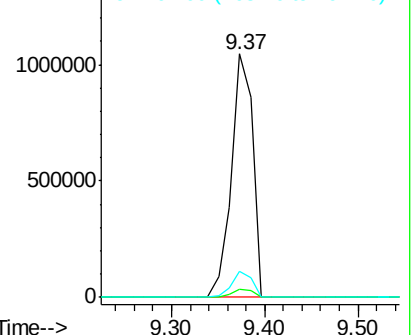
164 10.7 8.0 12.0



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: 51.41 ng

RT: 9.44 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

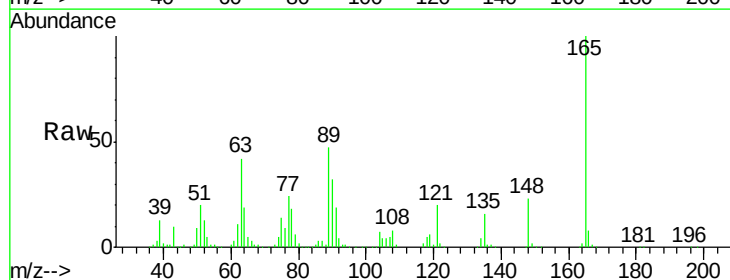
Tgt Ion:165 Resp: 260093

Ion Ratio Lower Upper

165 100

63 42.0 36.2 54.4

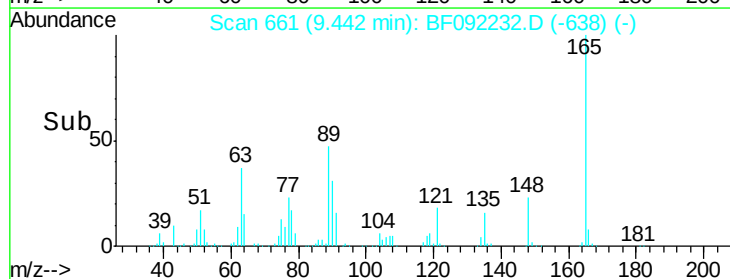
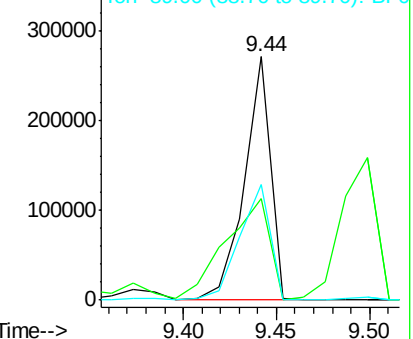
89 47.3 40.2 60.4

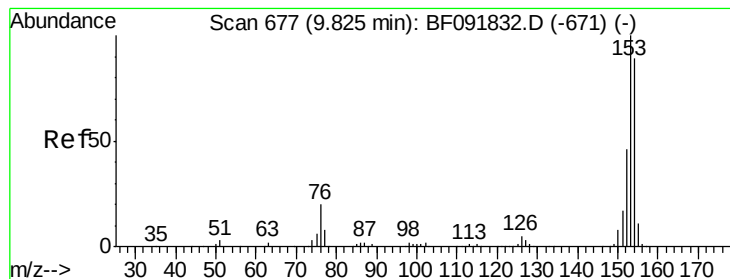


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.66 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

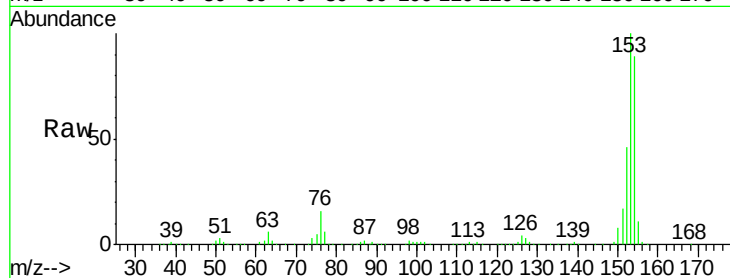
Tgt Ion:154 Resp: 912464

Ion Ratio Lower Upper

154 100

153 111.8 88.6 133.0

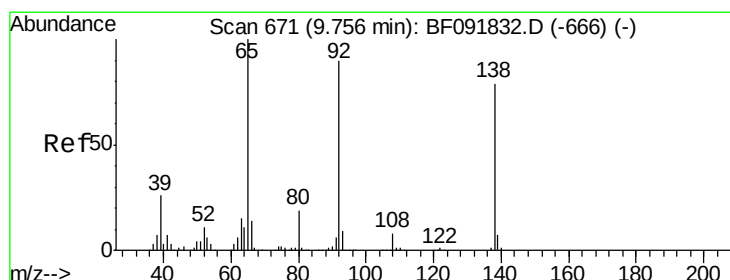
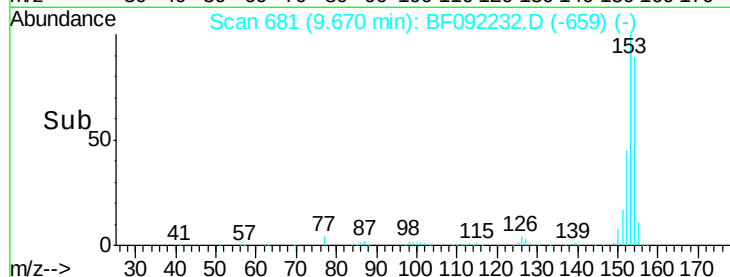
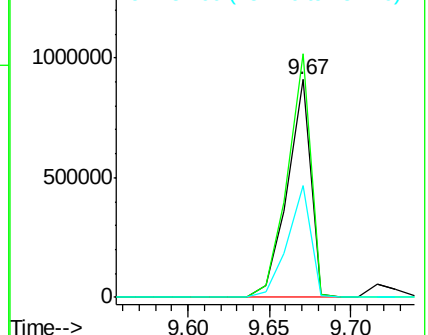
152 51.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.71 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

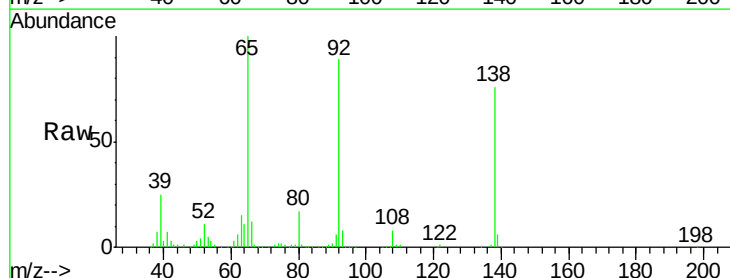
Tgt Ion:138 Resp: 129642

Ion Ratio Lower Upper

138 100

108 10.2 8.5 12.7

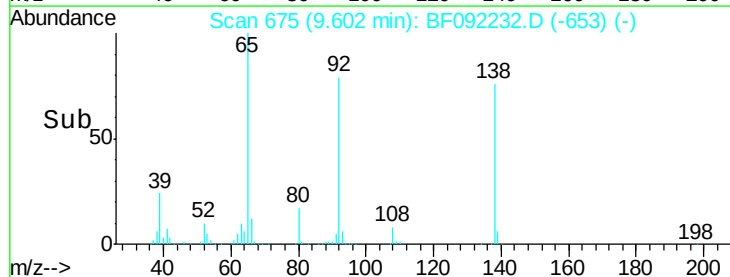
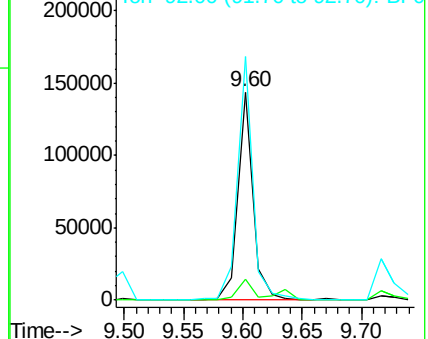
92 117.2 97.8 146.8

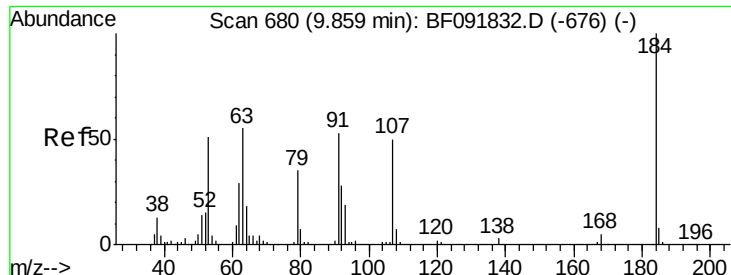


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

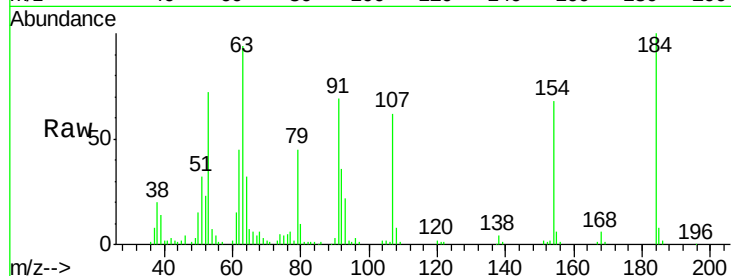




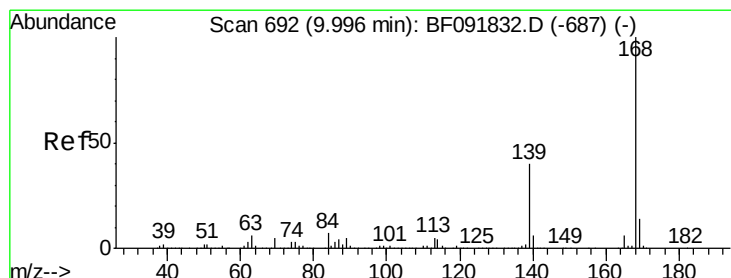
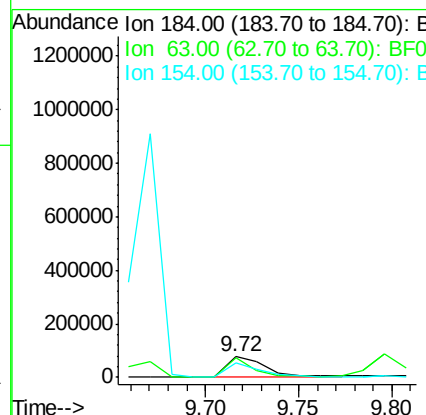
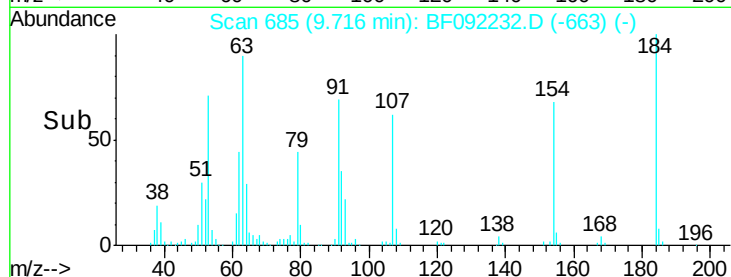
#53
2,4-Dinitrophenol
Concen: 41.80 ng
RT: 9.72 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Tgt Ion:184 Resp: 117660
Ion Ratio Lower Upper
184 100
63 93.6 28.4 42.6#
154 68.2 44.3 66.5#

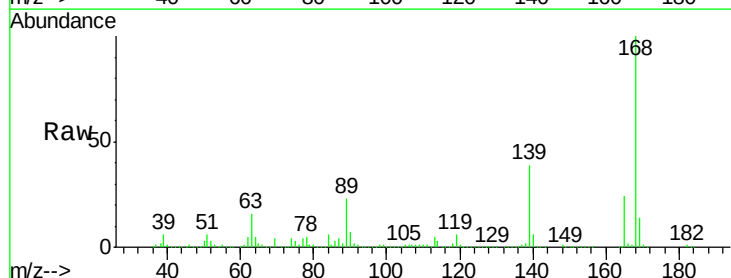


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

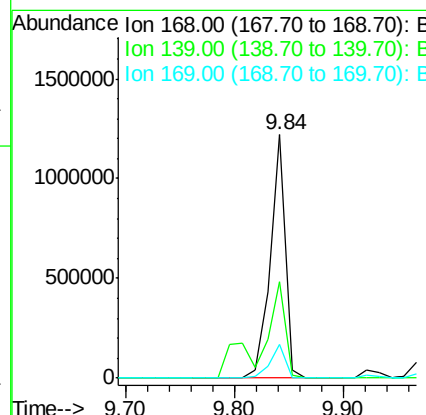
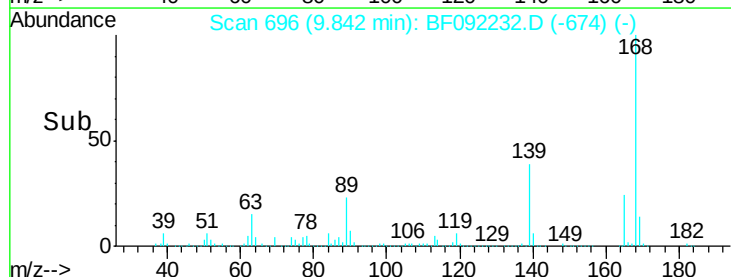


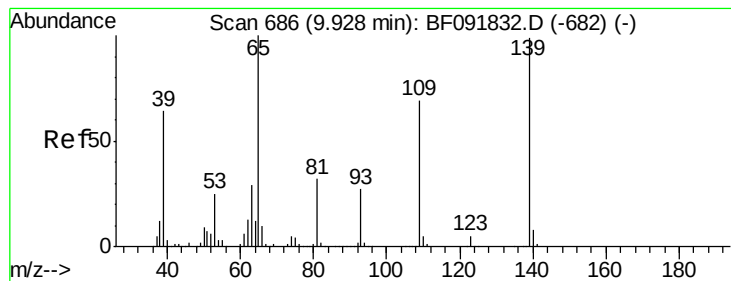
#54
Dibenzofuran
Concen: 43.14 ng
RT: 9.84 min Scan# 696
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Tgt Ion:168 Resp: 1190271
Ion Ratio Lower Upper
168 100
139 39.5 32.6 49.0
169 13.7 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: 179.47 ng

RT: 9.84 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

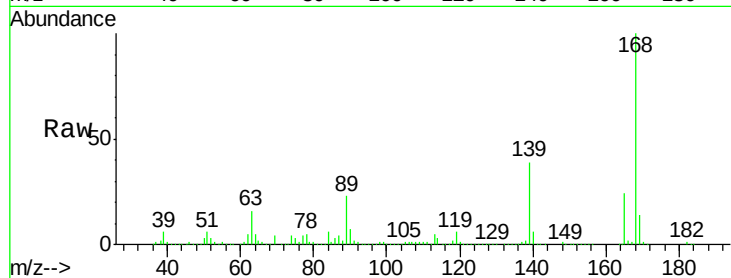
Tgt Ion:139 Resp: 762928

Ion Ratio Lower Upper

139 100

109 1.8 52.2 92.2#

65 5.5 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

600000

500000

400000

300000

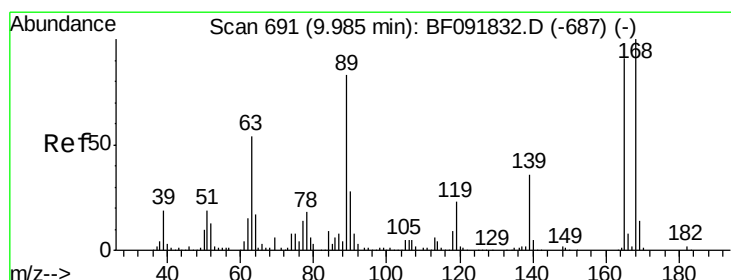
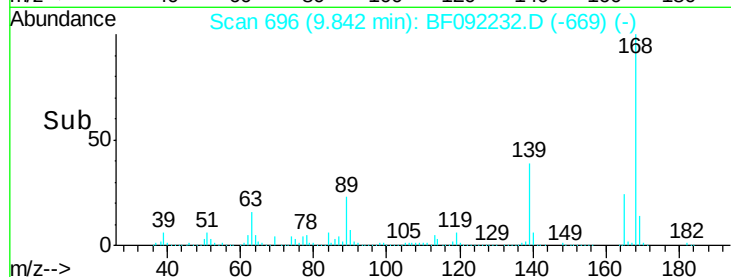
200000

100000

0

9.70 9.80 9.90 10.00

Time-->



#56

2,4-Dinitrotoluene

Concen: 42.67 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Tgt Ion:165 Resp: 270915

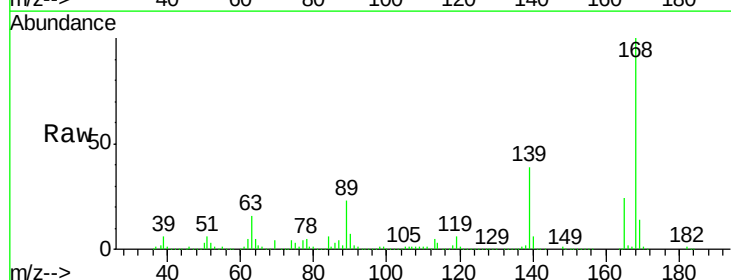
Ion Ratio Lower Upper

165 100

63 65.2 40.2 60.4#

89 93.9 62.5 93.7#

182 2.2 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

400000

300000

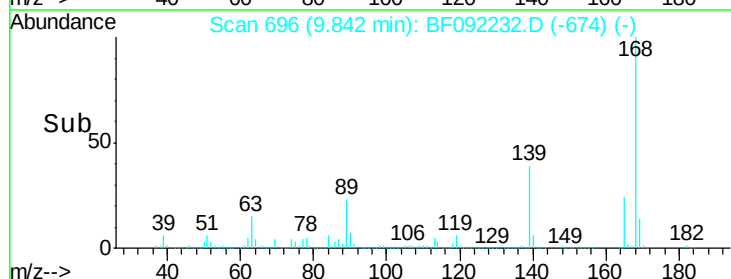
200000

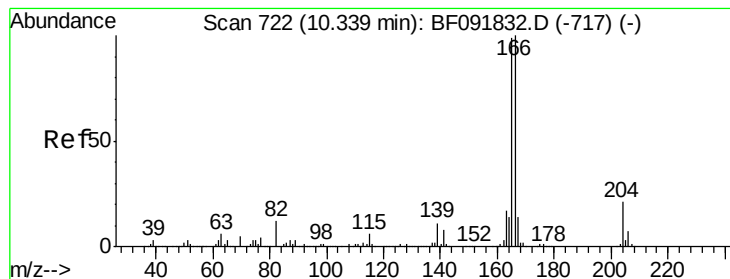
100000

0

9.70 9.80 9.90

Time-->





#57

Fluorene

Concen: 47.63 ng

RT: 10.18 min Scan# 726

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

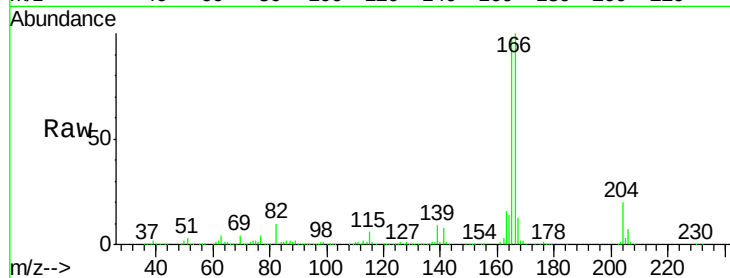
Tgt Ion:166 Resp: 956116

Ion Ratio Lower Upper

166 100

165 97.7 77.8 116.8

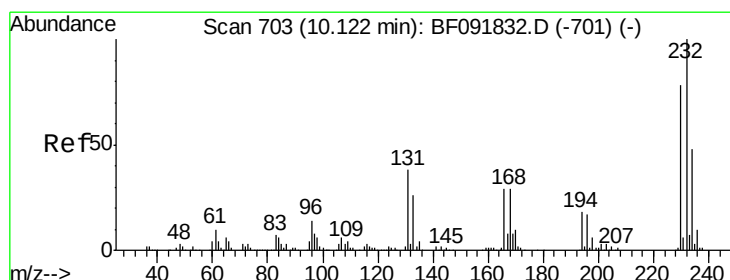
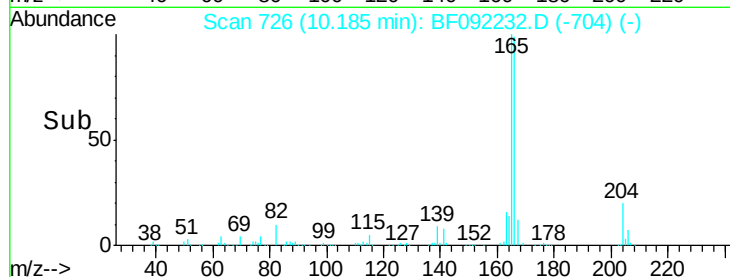
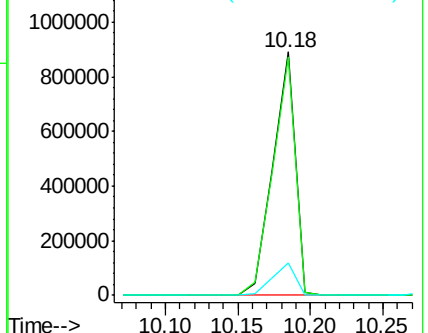
167 13.2 10.8 16.2



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: 44.34 ng

RT: 9.97 min Scan# 707

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Tgt Ion:232 Resp: 230452

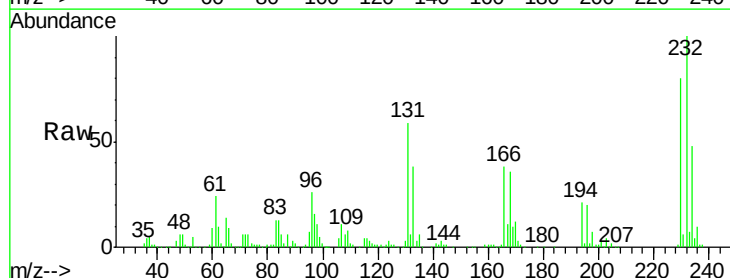
Ion Ratio Lower Upper

232 100

131 49.3 40.1 60.1

130 2.4 1.8 2.8

166 32.1 26.6 39.8

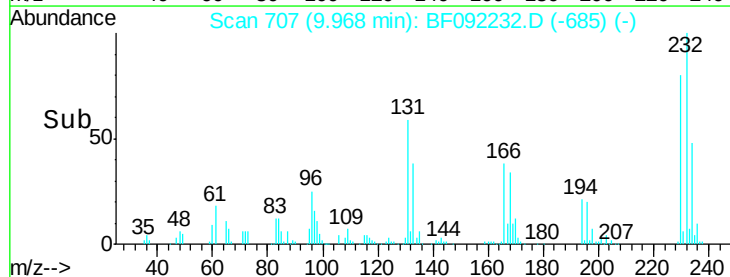
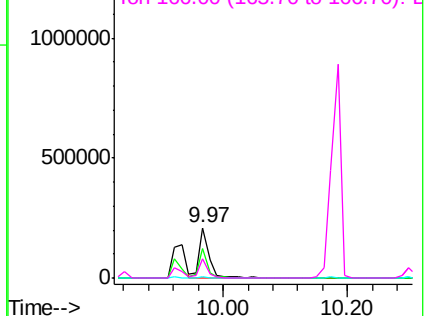


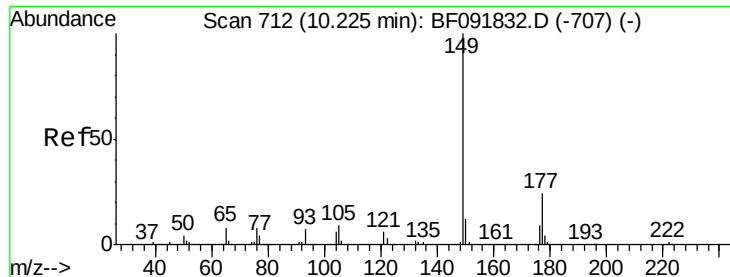
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

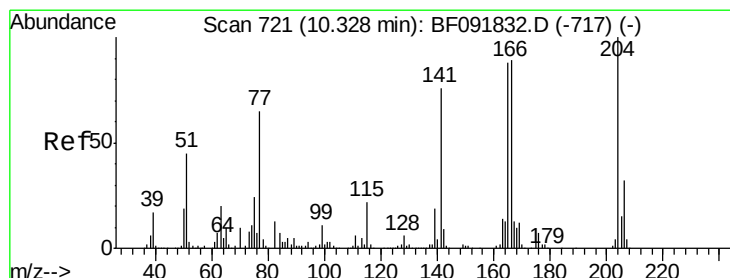
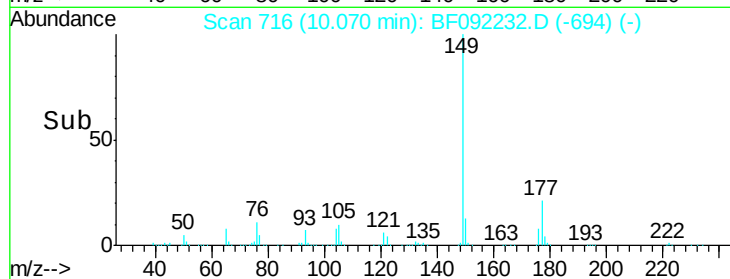
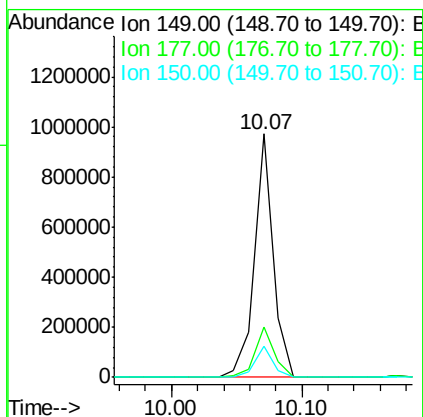
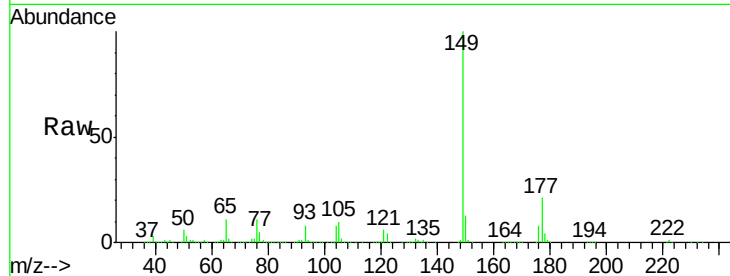




#59
Diethylphthalate
Concen: 43.27 ng
RT: 10.07 min Scan# 716
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

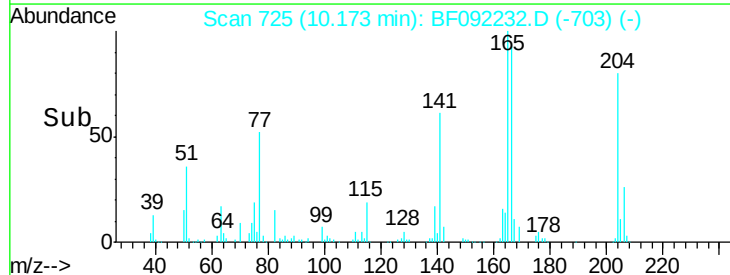
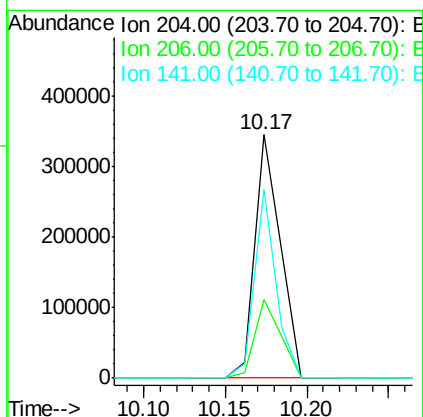
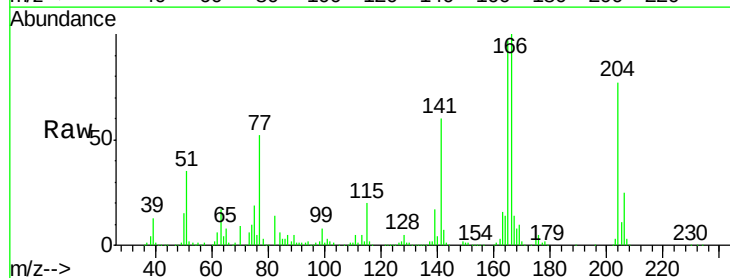
Instrument :
BNA_F
ClientSampleId :
SW-001MSD

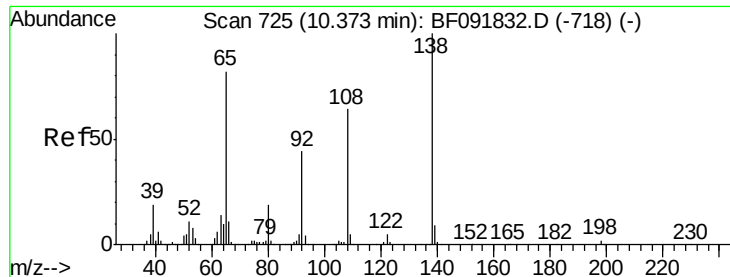
Tgt Ion:149 Resp: 971347
Ion Ratio Lower Upper
149 100
177 20.8 16.6 25.0
150 12.6 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 42.78 ng
RT: 10.17 min Scan# 725
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Tgt Ion:204 Resp: 376010
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.6
141 77.4 59.4 89.0

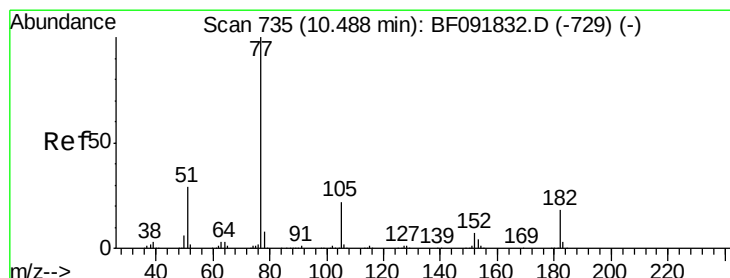
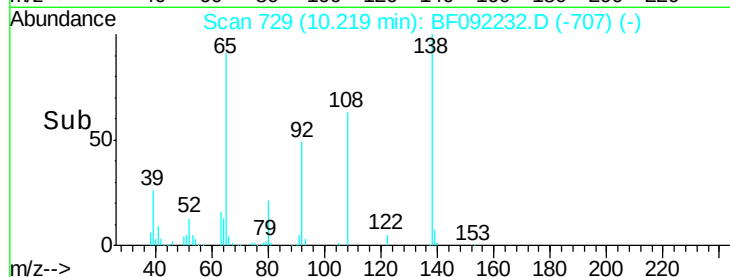
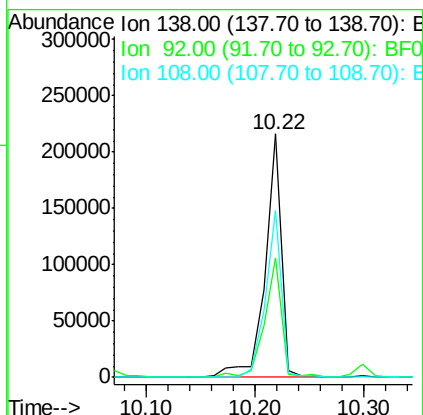
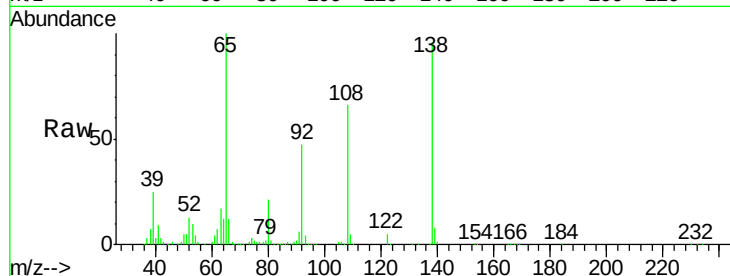




#61
4-Nitroaniline
Concen: 35.10 ng
RT: 10.22 min Scan# 729
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

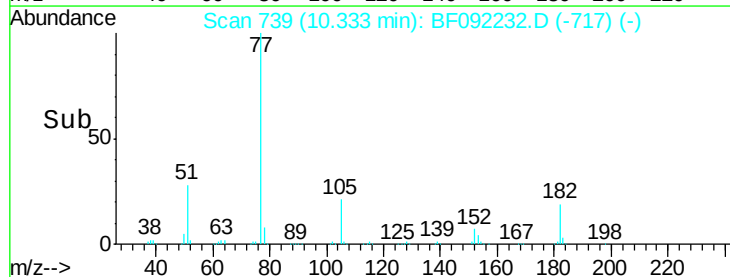
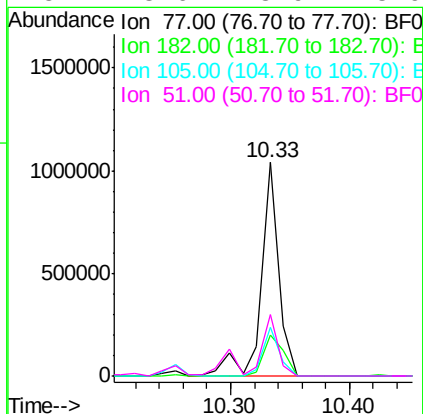
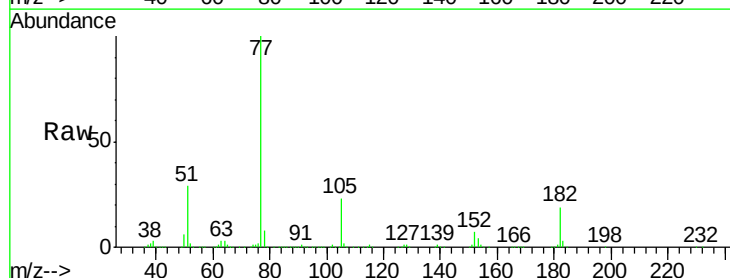
Instrument :
BNA_F
ClientSampleId :
SW-001MSD

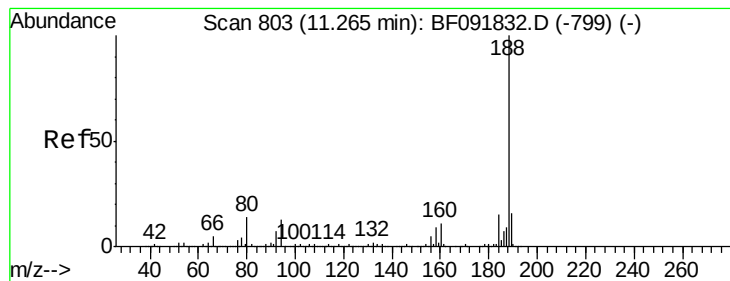
Tgt Ion: 138 Resp: 227710
Ion Ratio Lower Upper
138 100
92 49.2 31.7 71.7
108 68.4 52.6 92.6



#62
Azobenzene
Concen: 43.82 ng
RT: 10.33 min Scan# 739
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Tgt Ion: 77 Resp: 1082909
Ion Ratio Lower Upper
77 100
182 19.3 0.0 39.3
105 22.6 2.3 42.3
51 28.6 8.9 48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 807

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

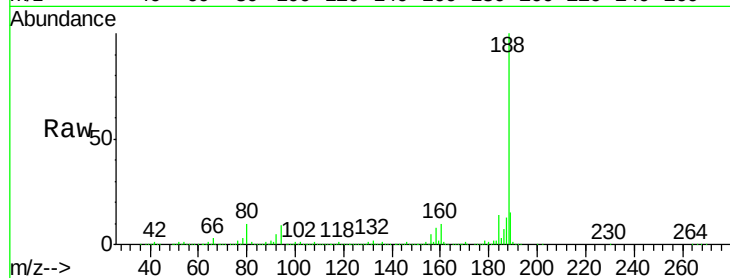
Tgt Ion:188 Resp: 491233

Ion Ratio Lower Upper

188 100

94 9.3 10.0 15.0#

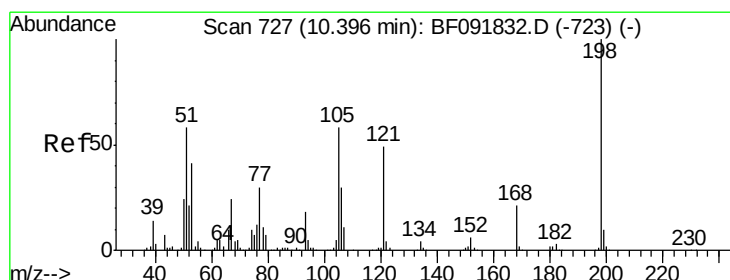
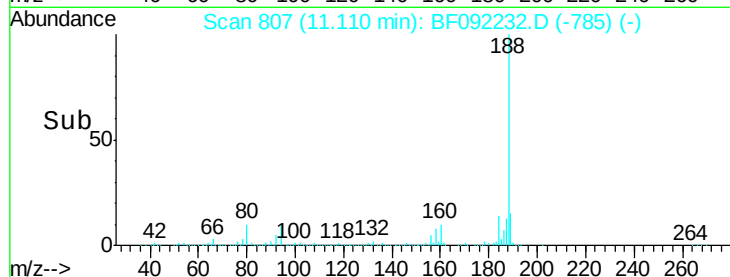
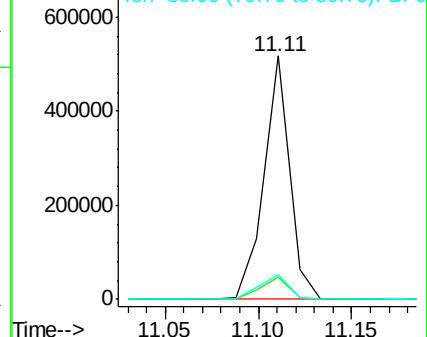
80 10.2 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.44 ng

RT: 10.25 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

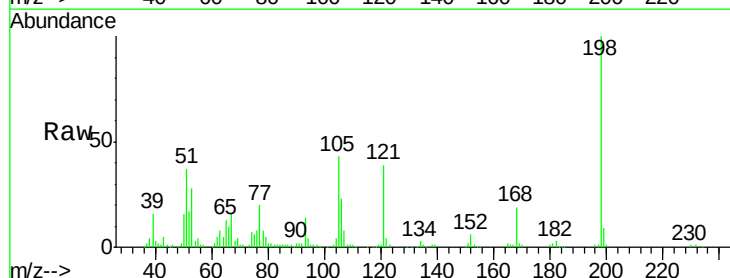
Tgt Ion:198 Resp: 126058

Ion Ratio Lower Upper

198 100

51 37.1 6.7 46.7

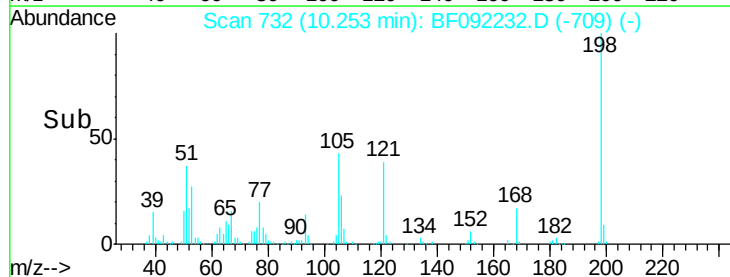
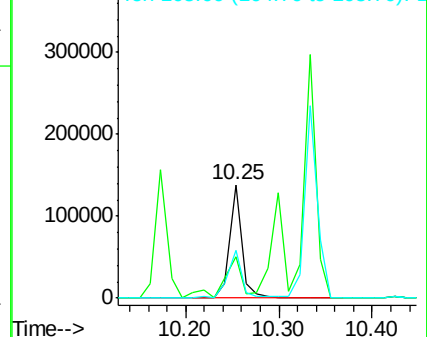
105 42.5 16.6 56.6

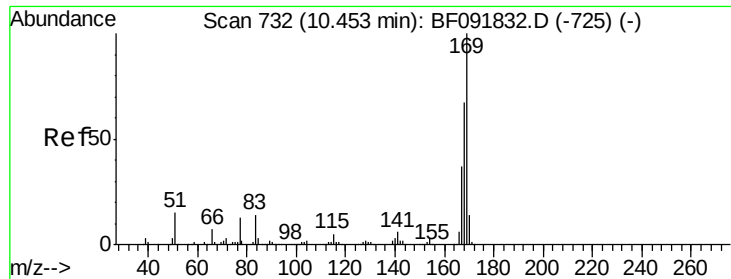


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 52.92 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

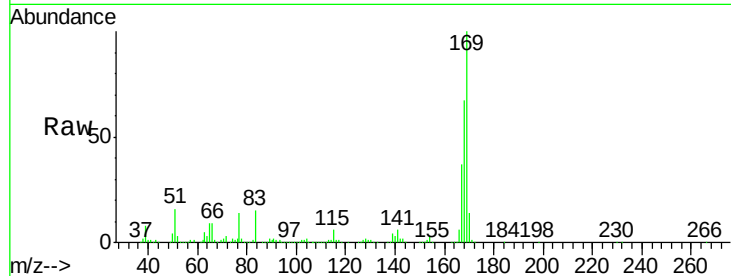
Tgt Ion:169 Resp: 771399

Ion Ratio Lower Upper

169 100

168 67.0 54.2 81.2

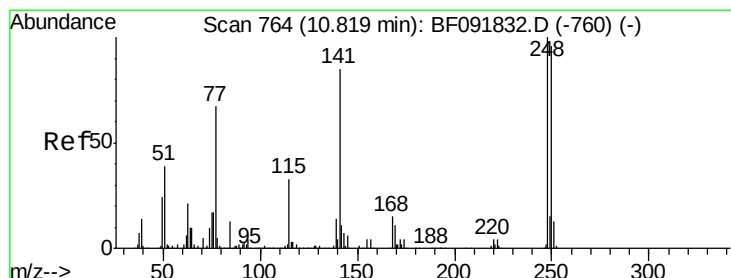
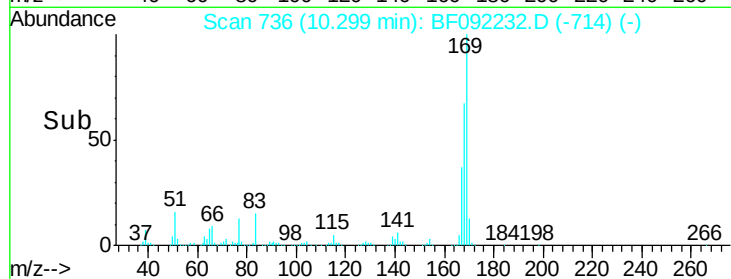
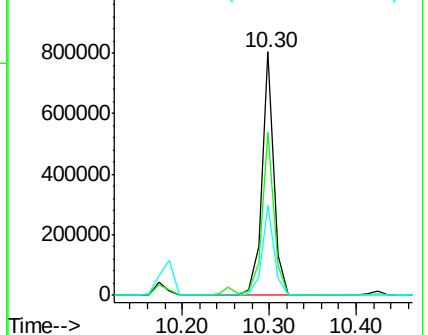
167 36.9 30.2 45.4



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: 53.29 ng

RT: 10.66 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

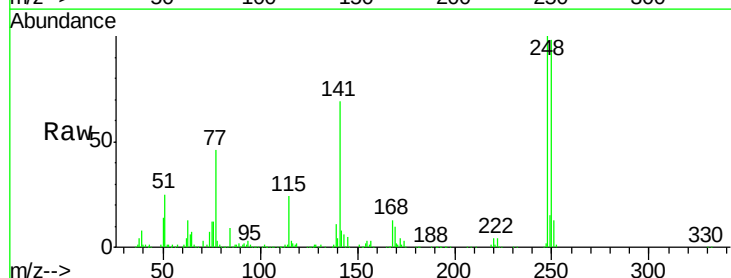
Tgt Ion:248 Resp: 272306

Ion Ratio Lower Upper

248 100

250 98.3 76.9 115.3

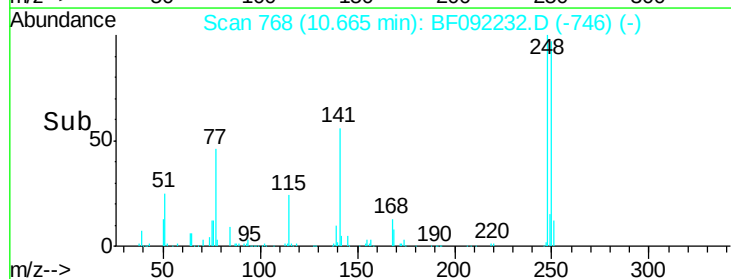
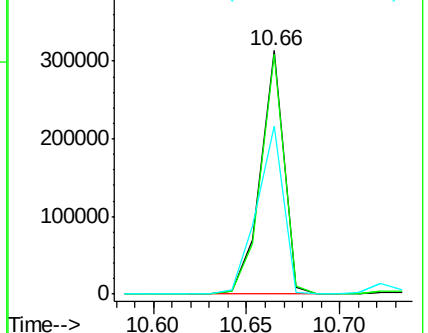
141 69.3 68.2 102.4

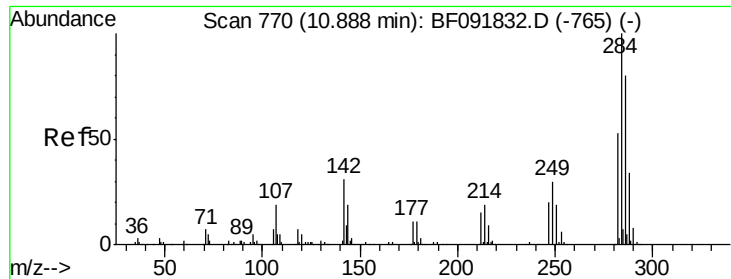


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.39 ng

RT: 10.73 min Scan# 774

Delta R.T. -0.03 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

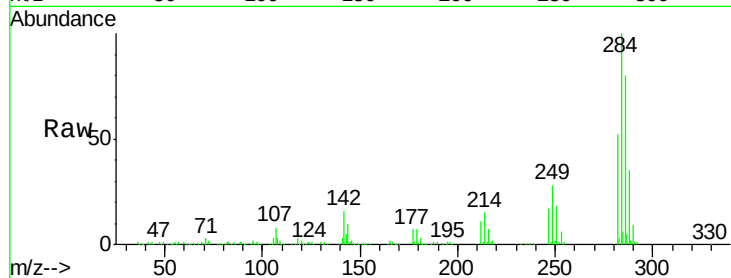
Tgt Ion:284 Resp: 258817

Ion Ratio Lower Upper

284 100

142 15.9 22.6 33.8#

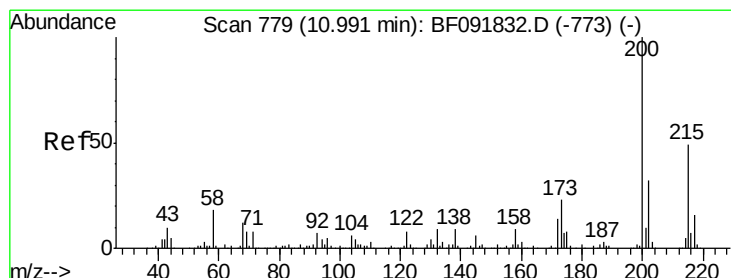
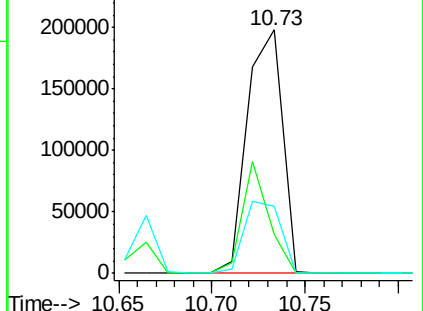
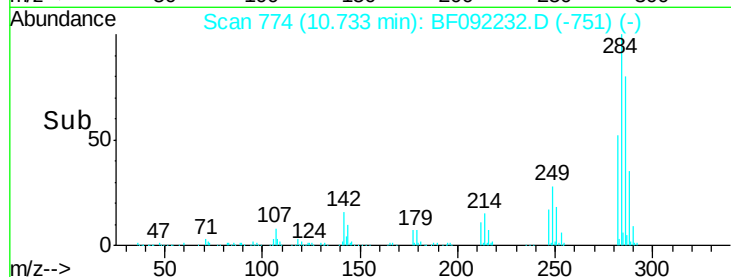
249 27.5 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 53.24 ng

RT: 10.84 min Scan# 783

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

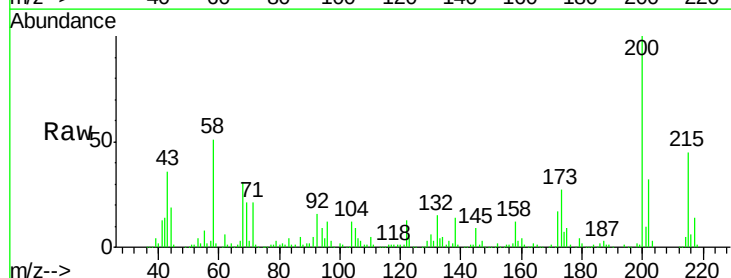
Tgt Ion:200 Resp: 250327

Ion Ratio Lower Upper

200 100

173 27.3 9.6 49.6

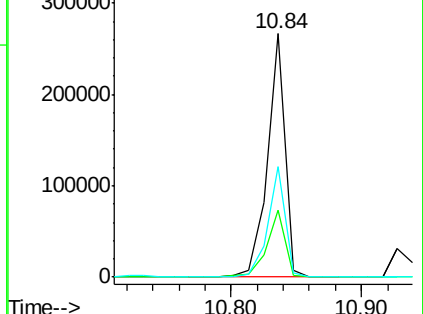
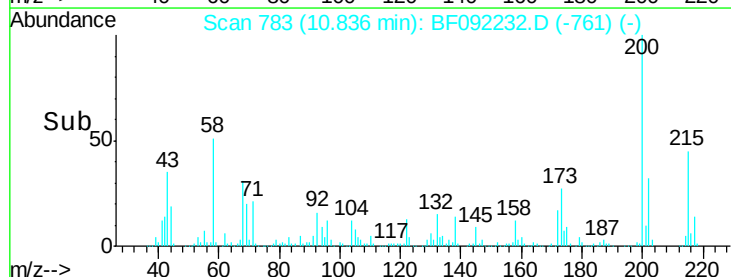
215 45.2 25.7 65.7

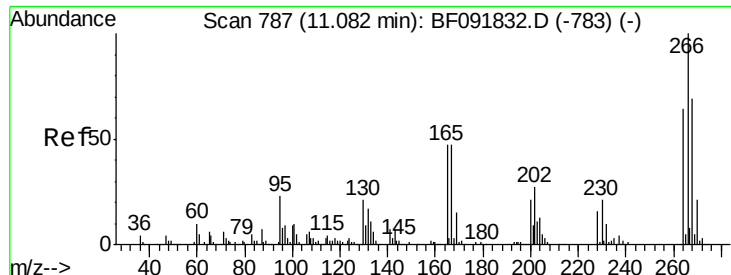


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

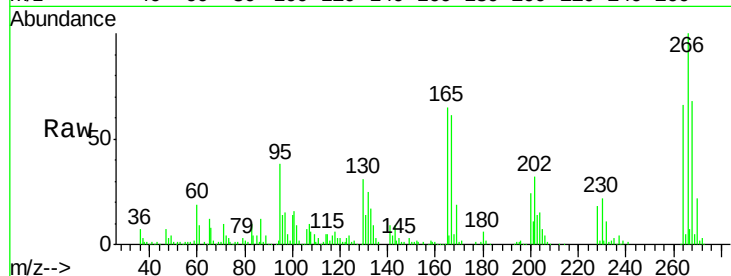




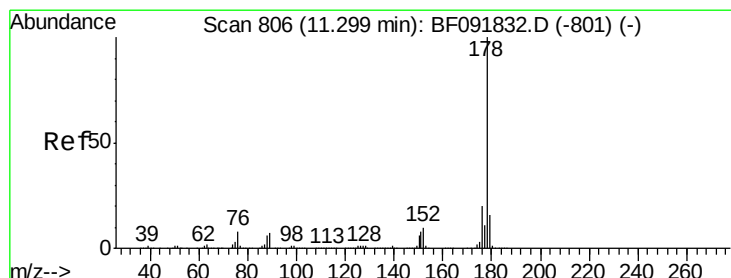
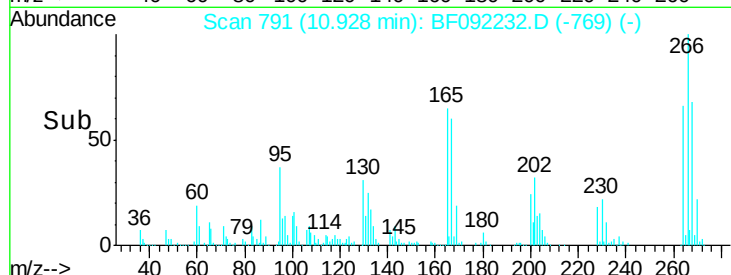
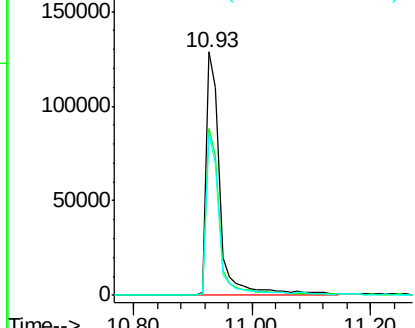
#69
 Pentachlorophenol
 Concen: 79.31 ng
 RT: 10.93 min Scan# 791
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Tgt Ion: 266 Resp: 212557
 Ion Ratio Lower Upper
 266 100
 268 68.5 53.3 79.9
 264 66.4 50.3 75.5

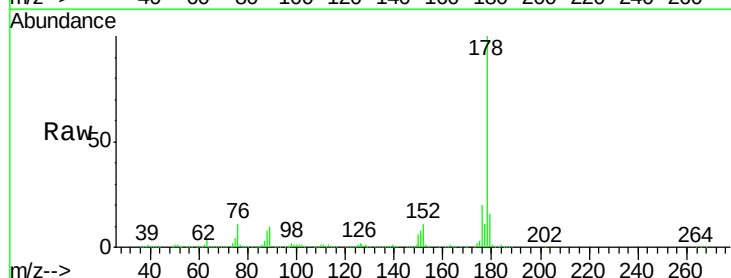


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

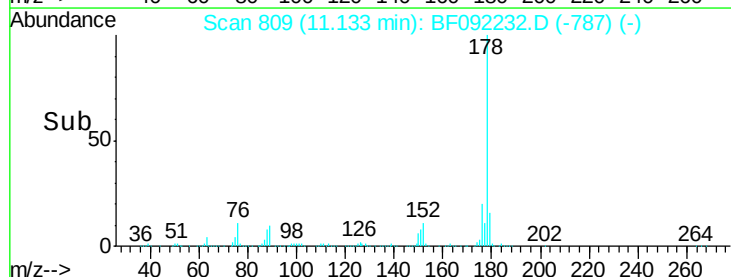
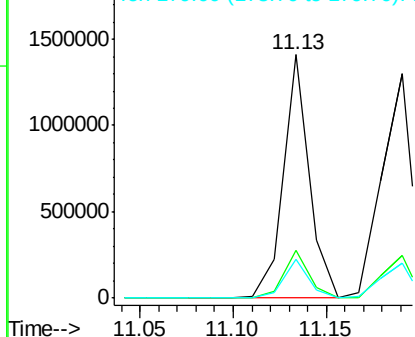


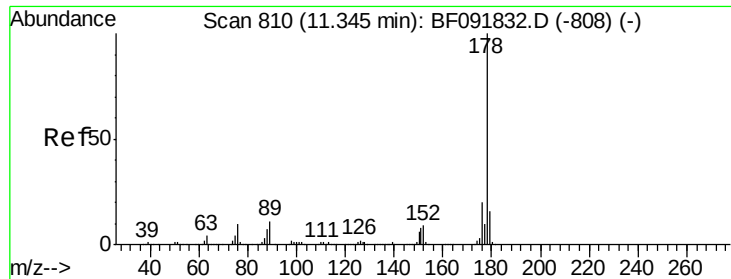
#70
 Phenanthrene
 Concen: 51.02 ng
 RT: 11.13 min Scan# 809
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Tgt Ion: 178 Resp: 1359027
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 15.9 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

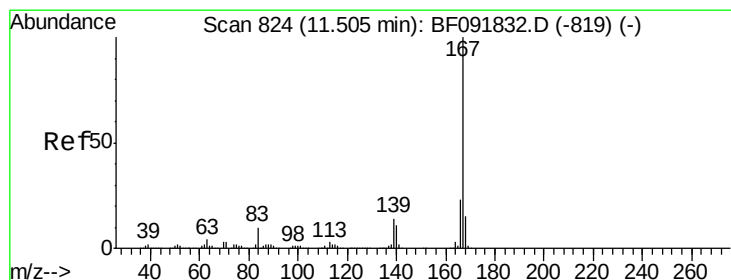
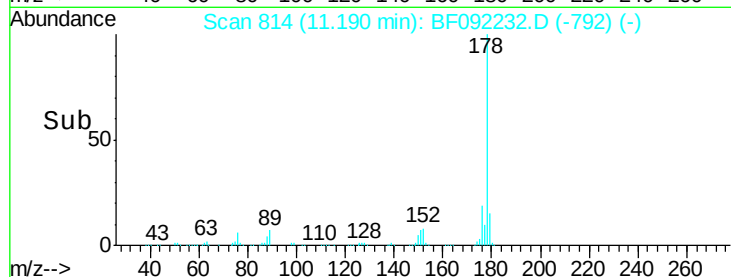
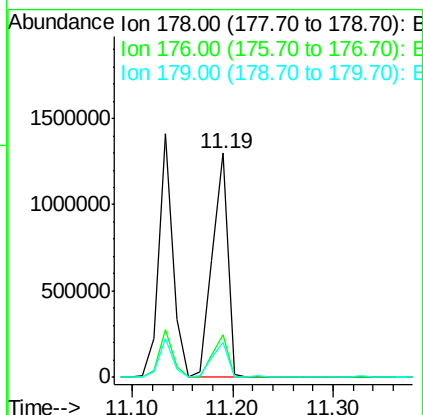
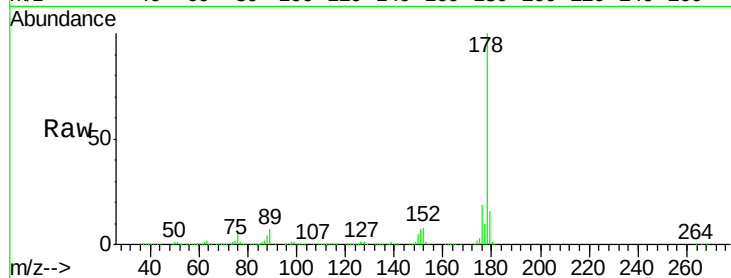




#71
 Anthracene
 Concen: 80.51 ng
 RT: 11.19 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

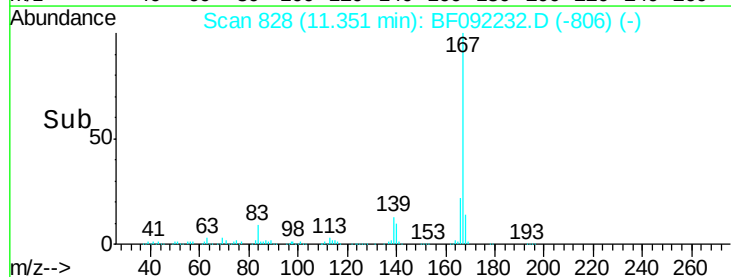
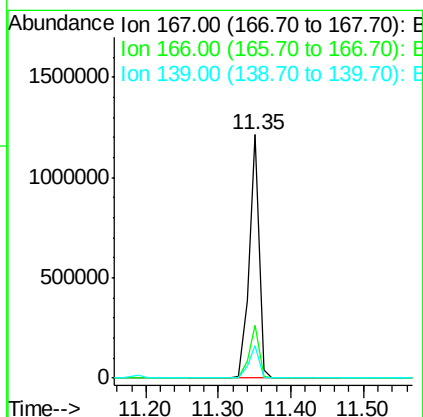
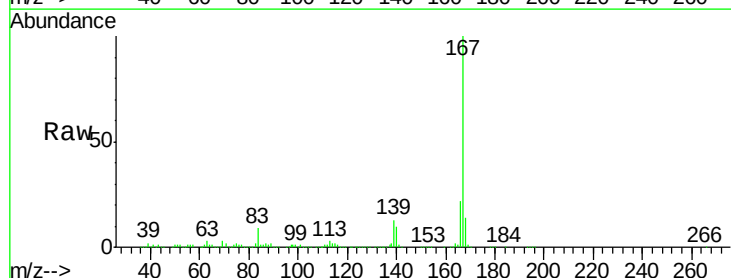
Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

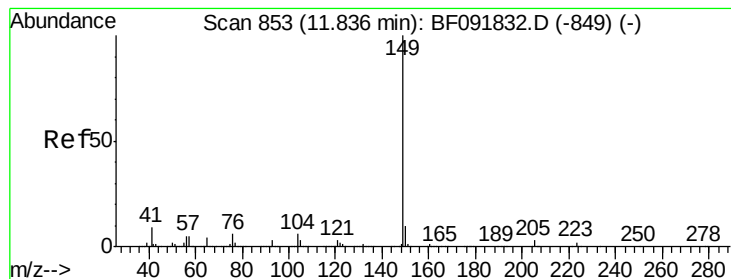
Tgt Ion:178 Resp: 1396558
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.9 23.9
 179 15.5 13.2 19.8



#72
 Carbazole
 Concen: 63.07 ng
 RT: 11.35 min Scan# 828
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Tgt Ion:167 Resp: 1135266
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.2
 139 13.3 11.4 17.2





#73

Di-n-butylphthalate

Concen: 56.53 ng

RT: 11.68 min Scan# 857

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

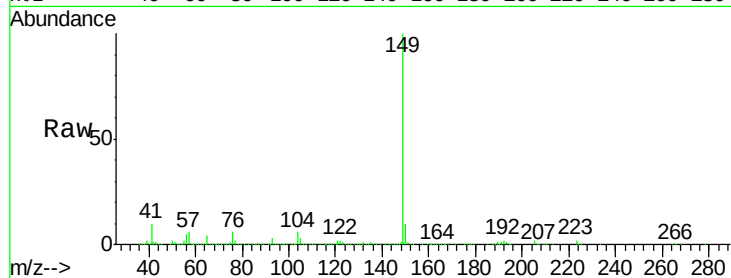
Tgt Ion:149 Resp: 1400259

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

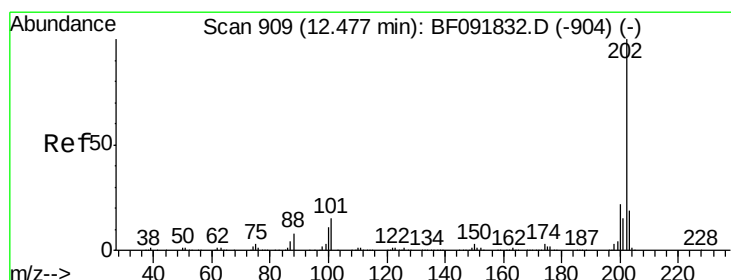
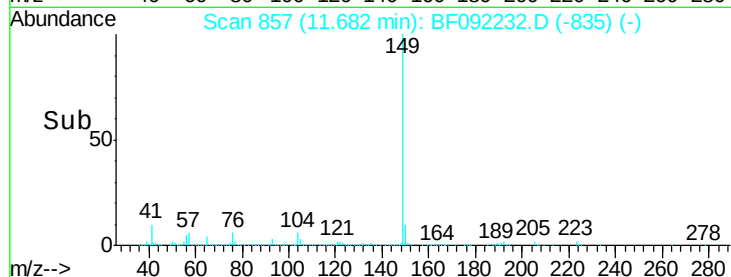
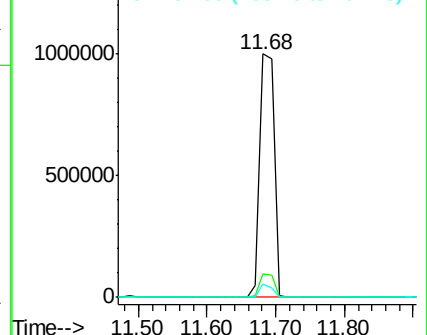
104 5.6 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 70.06 ng

RT: 12.32 min Scan# 913

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

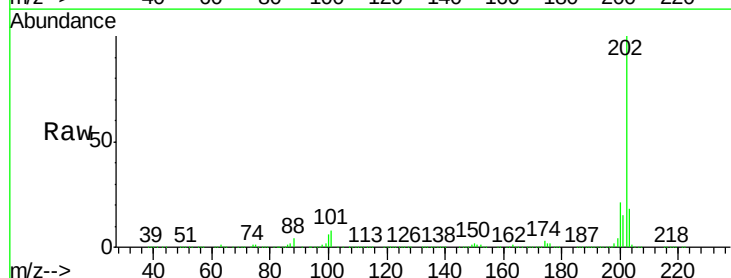
Tgt Ion:202 Resp: 1587458

Ion Ratio Lower Upper

202 100

101 8.0 0.0 34.6

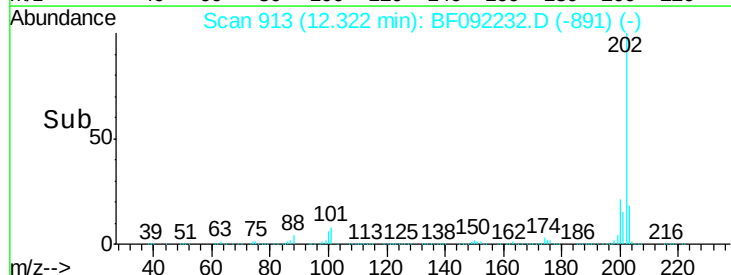
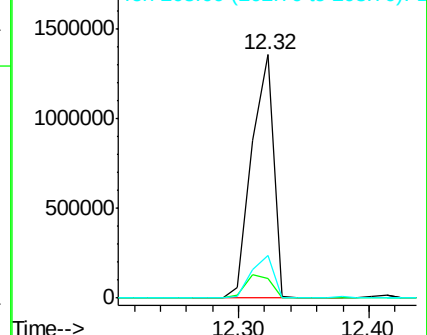
203 17.6 0.0 38.7

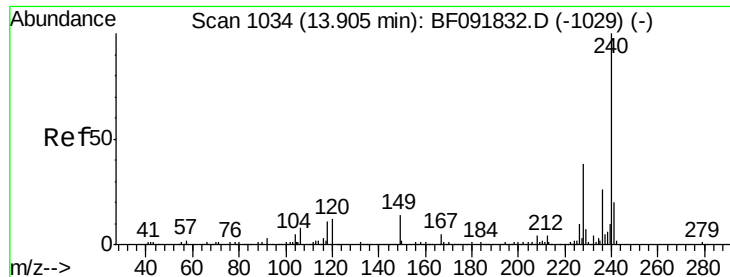


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

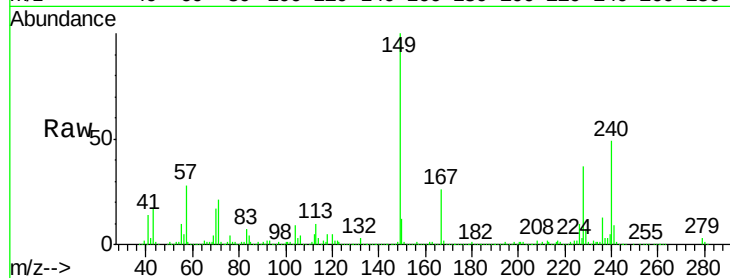
Tgt Ion:240 Resp: 317465

Ion Ratio Lower Upper

240 100

120 11.1 12.9 19.3#

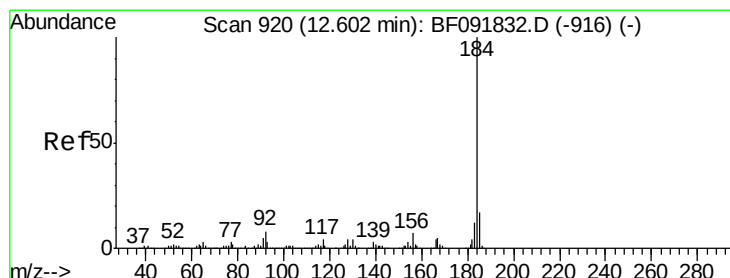
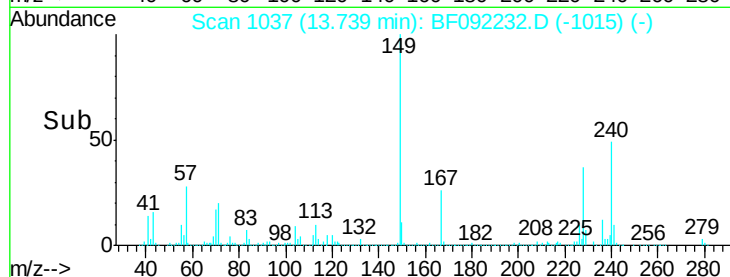
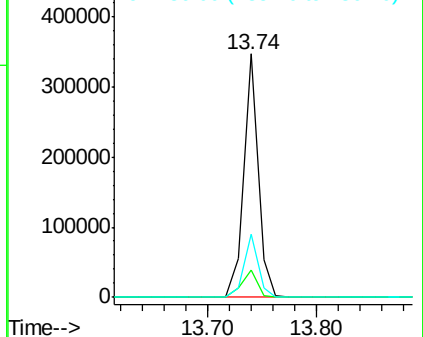
236 25.7 20.9 31.3



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: 26.45 ng

RT: 12.45 min Scan# 924

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

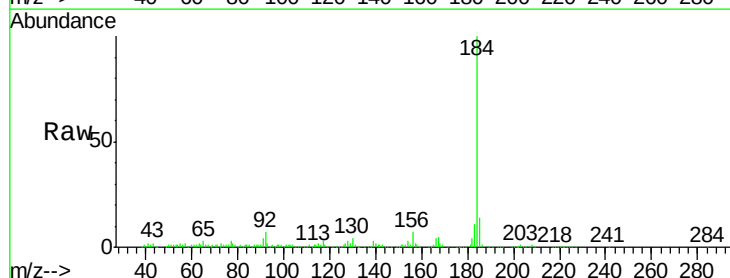
Tgt Ion:184 Resp: 237987

Ion Ratio Lower Upper

184 100

185 14.1 13.4 20.0

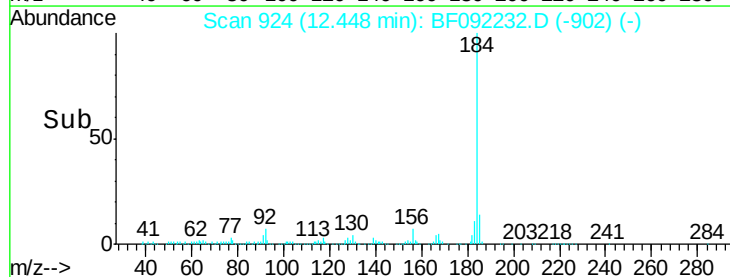
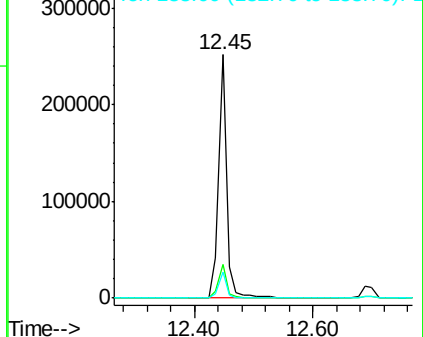
183 10.9 9.2 13.8

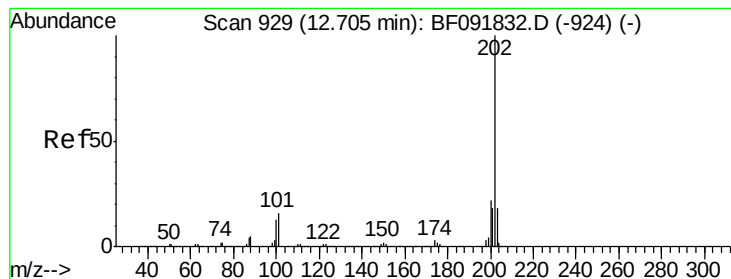


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 58.41 ng

RT: 12.54 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

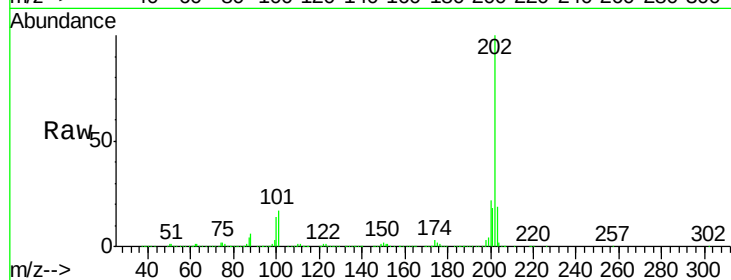
Tgt Ion:202 Resp: 1360486

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

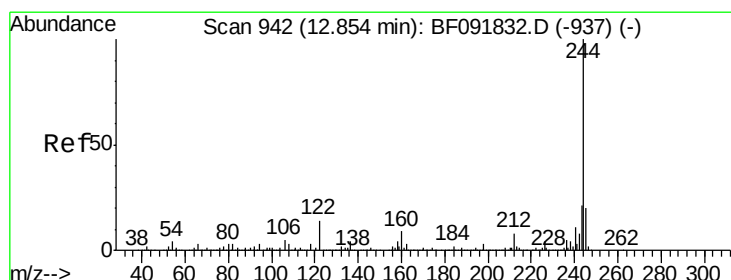
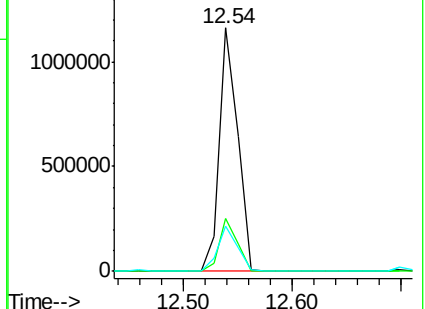
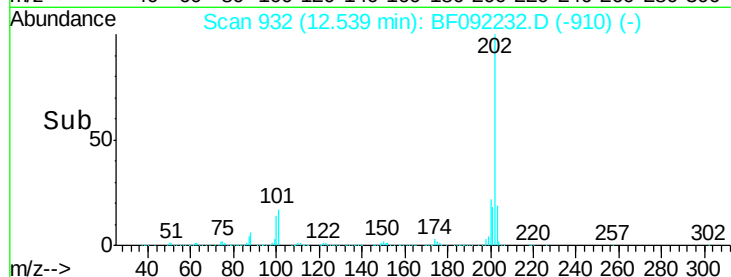
203 18.6 14.7 22.1



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: 97.40 ng

RT: 12.70 min Scan# 946

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

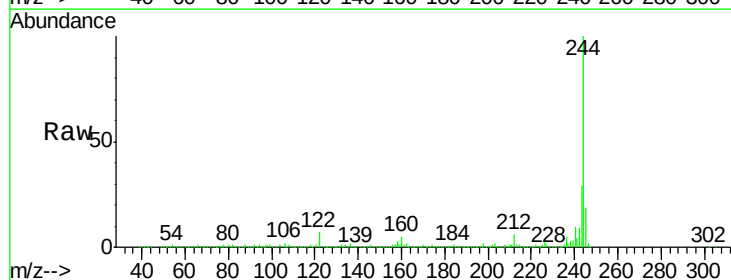
Tgt Ion:244 Resp: 1274890

Ion Ratio Lower Upper

244 100

212 6.3 6.2 9.2

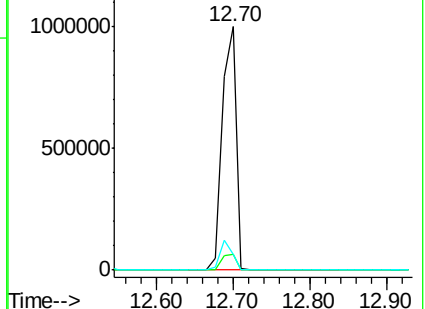
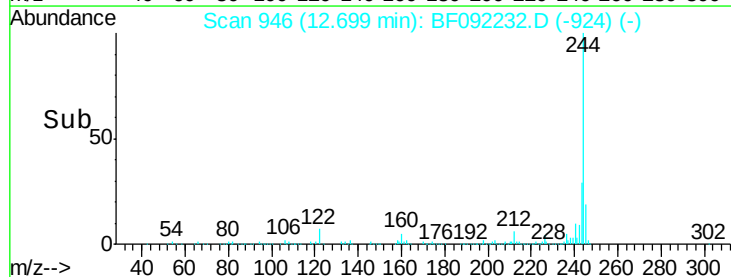
122 6.5 11.4 17.2#

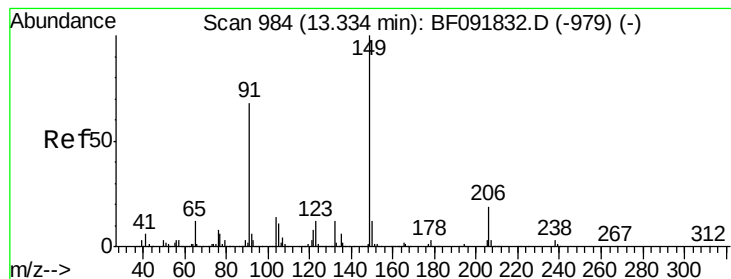


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.64 ng

RT: 13.17 min Scan# 987

Delta R.T. -0.06 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

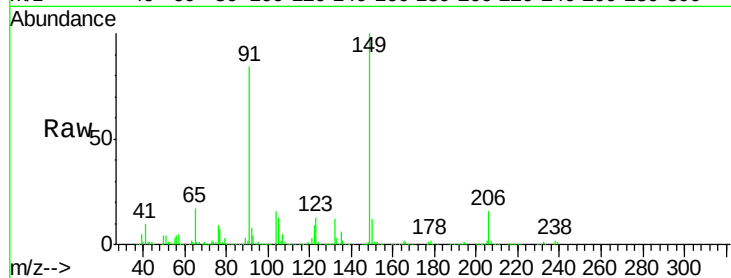
Tgt Ion:149 Resp: 494043

Ion Ratio Lower Upper

149 100

91 84.3 63.9 95.9

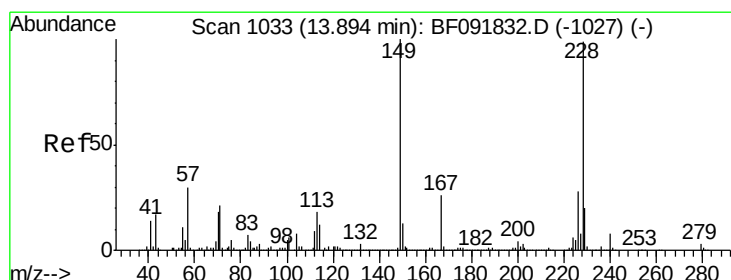
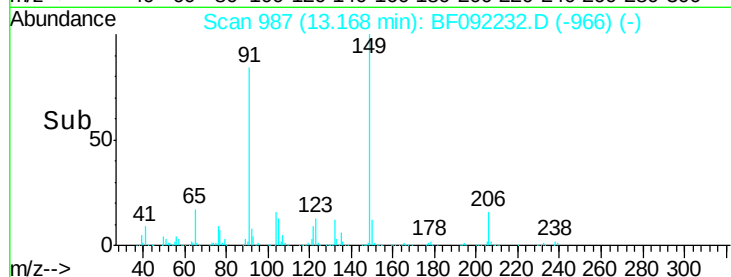
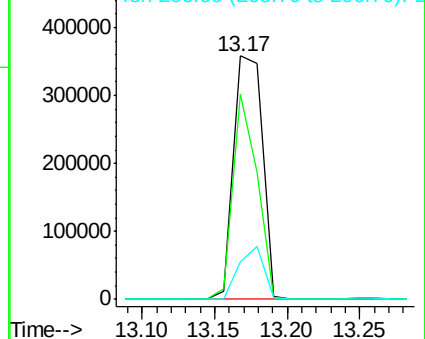
206 15.7 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 61.43 ng

RT: 13.73 min Scan# 1036

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

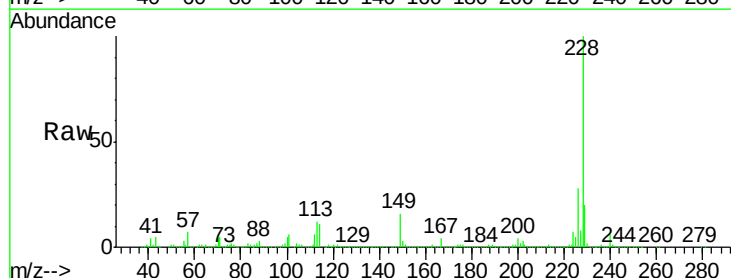
Tgt Ion:228 Resp: 1100747

Ion Ratio Lower Upper

228 100

226 28.3 22.4 33.6

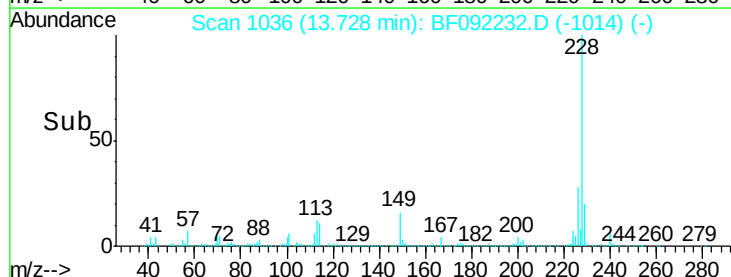
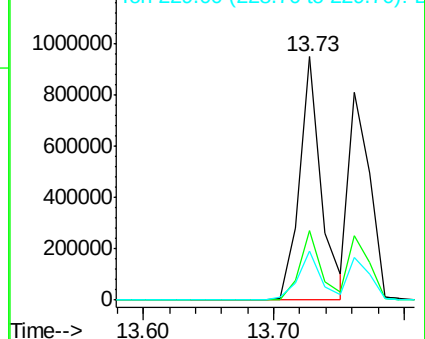
229 20.0 16.2 24.4

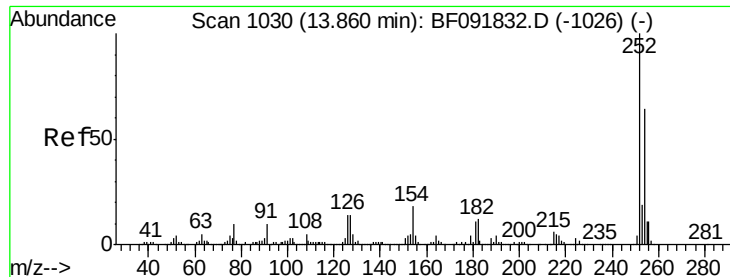


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

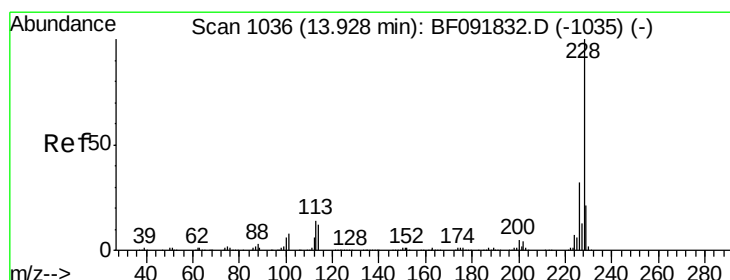
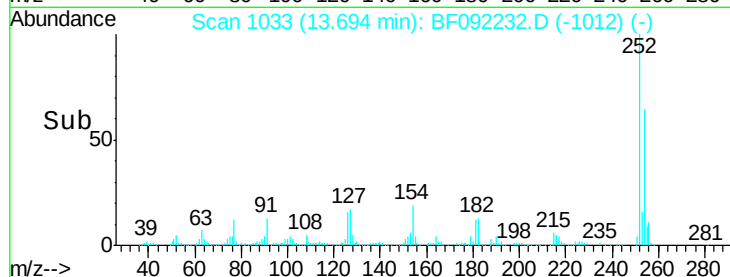
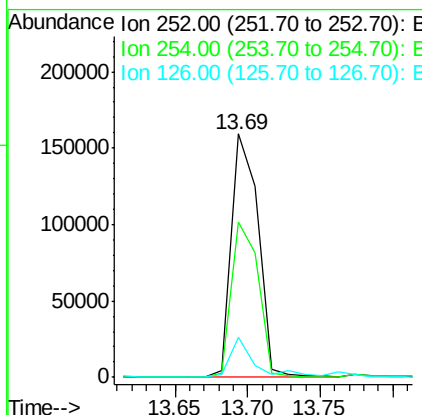
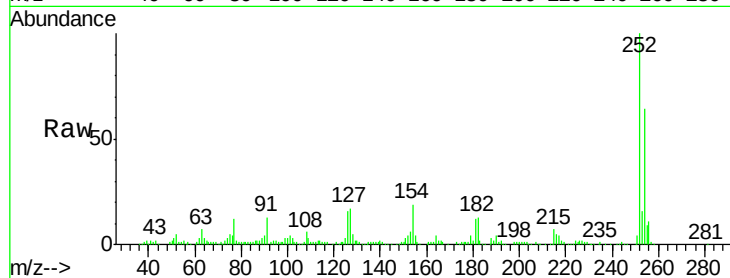




#81
 3,3'-Dichlorobenzidine
 Concen: 30.07 ng
 RT: 13.69 min Scan# 1033
 Delta R.T. -0.06 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

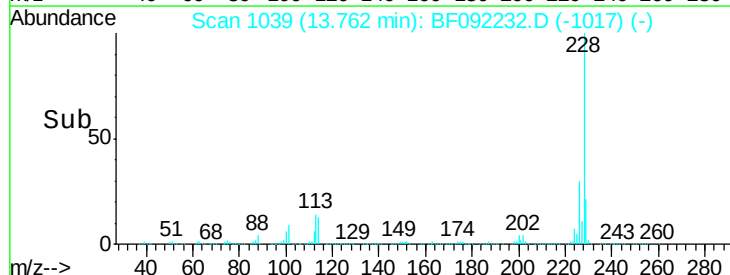
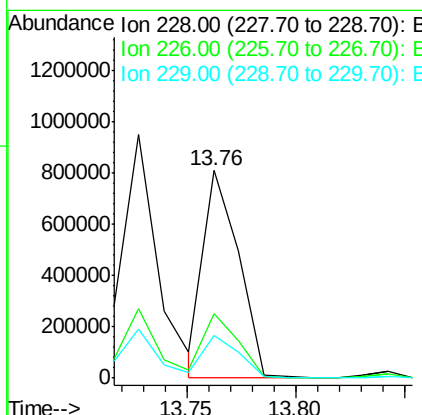
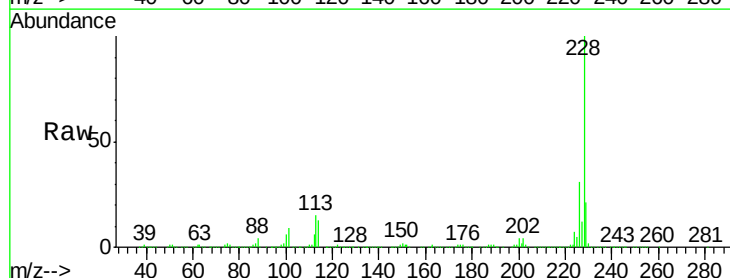
Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

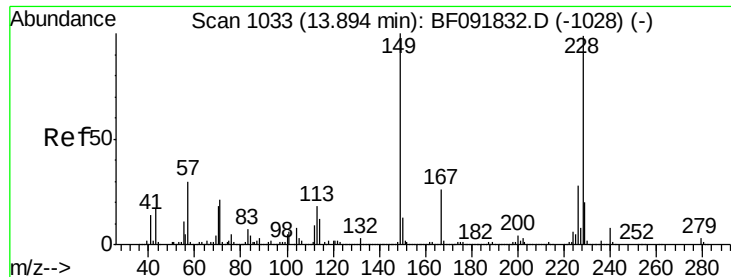
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.3	78.5
126	16.4	13.6	20.4



#82
 Chrysene
 Concen: 50.60 ng
 RT: 13.76 min Scan# 1039
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	20.6	16.2	24.2

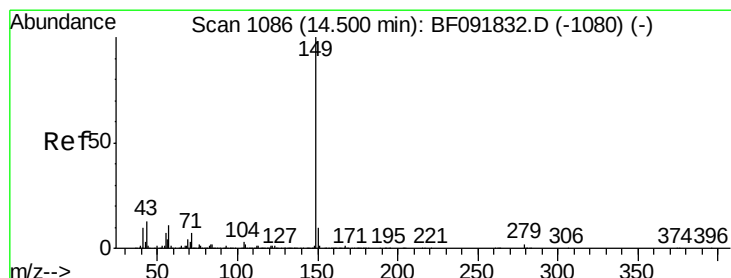
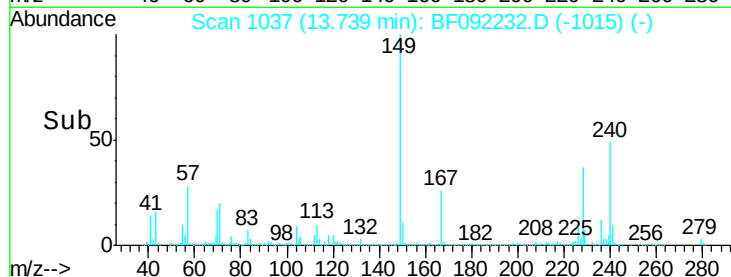
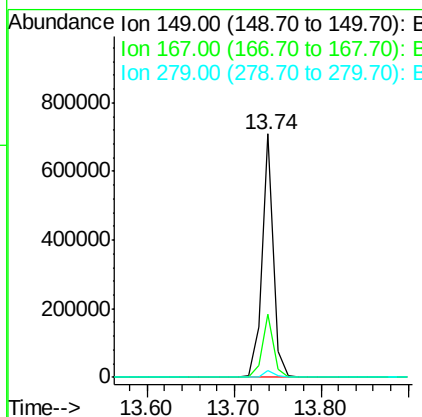
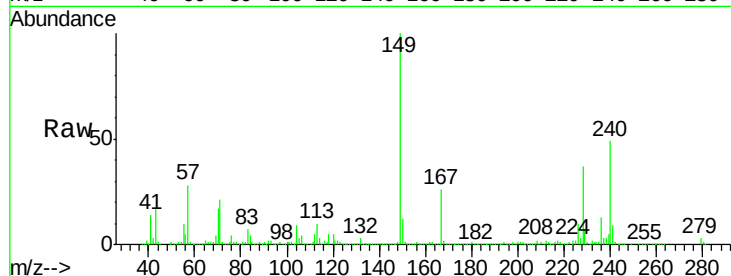




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.95 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

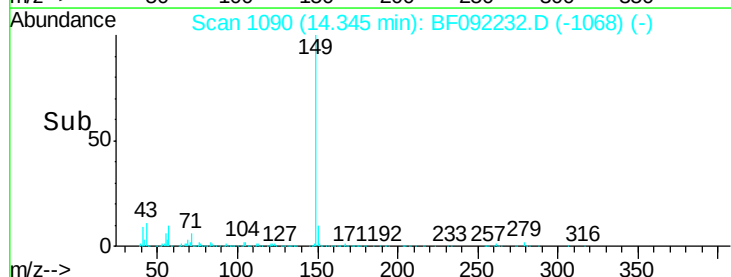
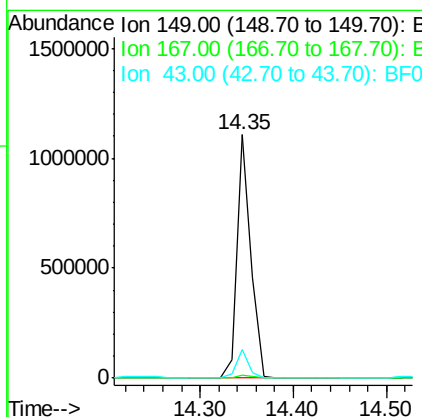
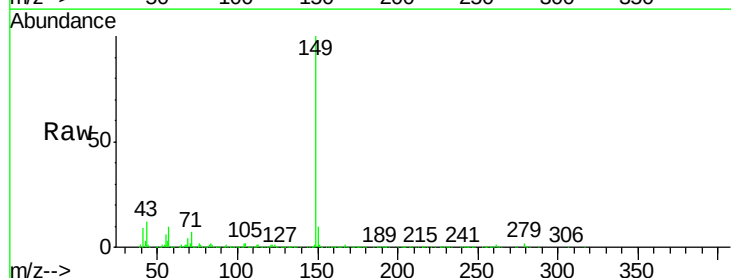
Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

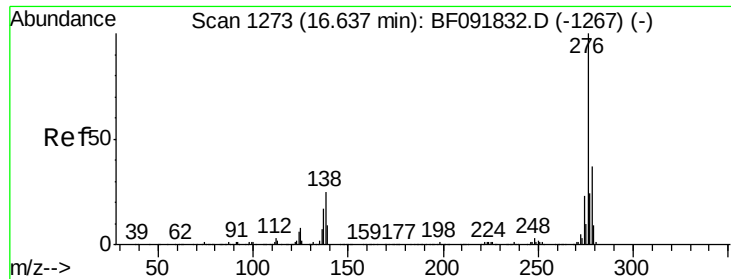
Tgt Ion:149 Resp: 648152
 Ion Ratio Lower Upper
 149 100
 167 26.1 20.2 30.4
 279 2.8 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 49.32 ng
 RT: 14.35 min Scan# 1090
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Tgt Ion:149 Resp: 1139756
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.3 8.9 13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 60.64 ng

RT: 16.36 min Scan# 1266

Delta R.T. -0.07 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

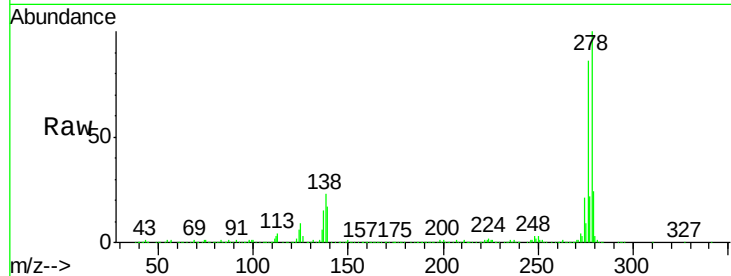
Tgt Ion: 276 Resp: 944372

Ion Ratio Lower Upper

276 100

138 27.6 21.8 32.6

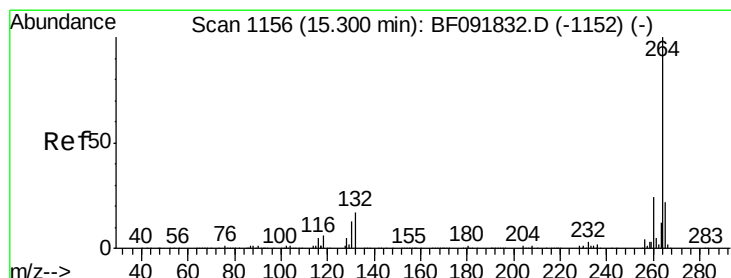
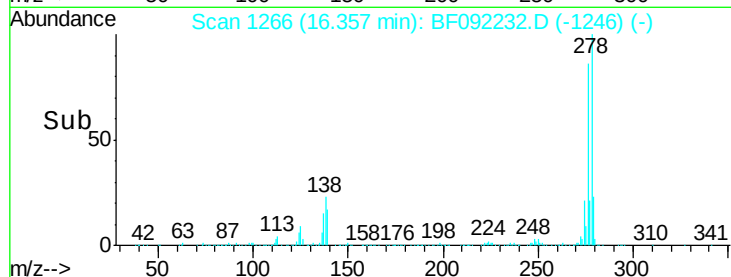
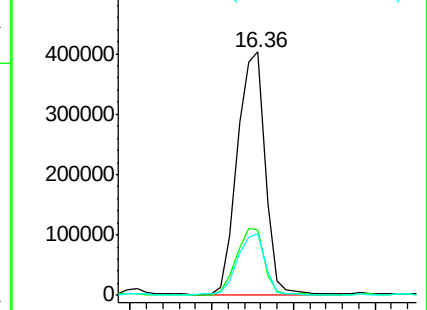
277 25.0 20.2 30.4



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: 15.10 min Scan# 1156

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

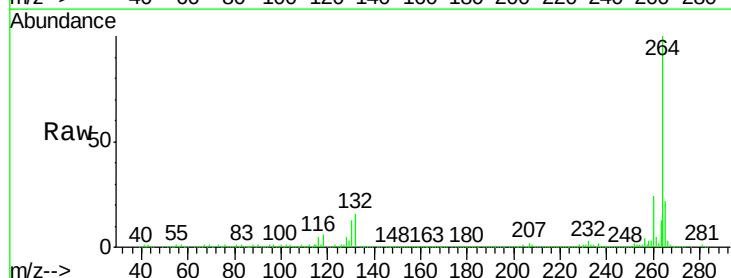
Tgt Ion: 264 Resp: 342304

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

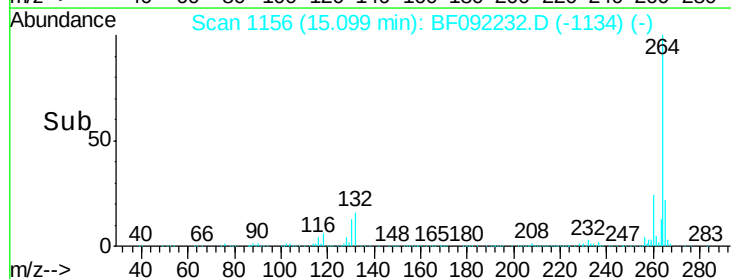
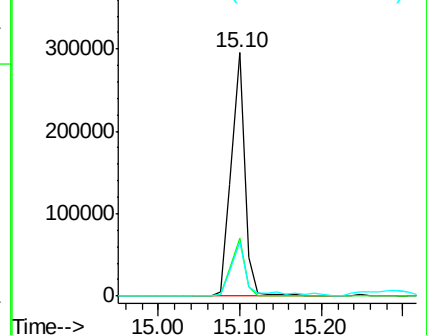
265 22.5 17.4 26.0

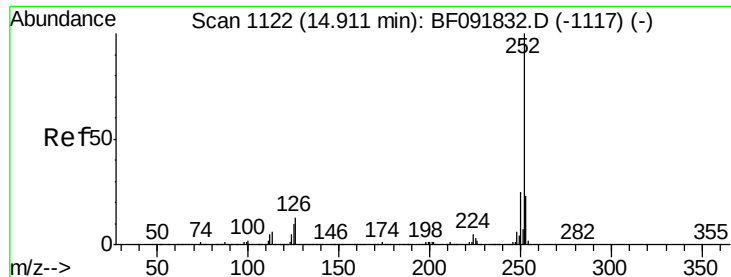


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

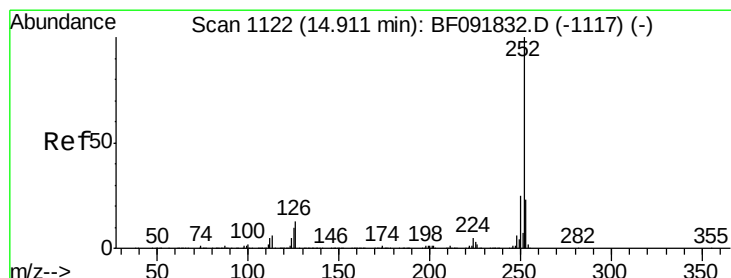
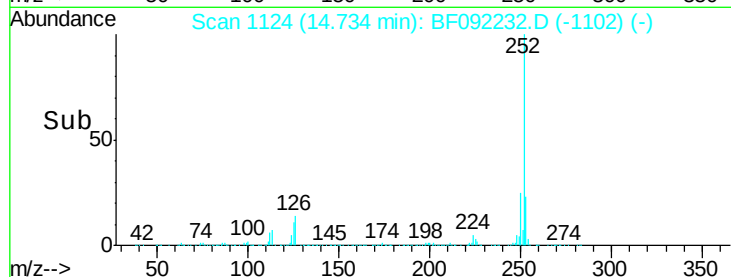
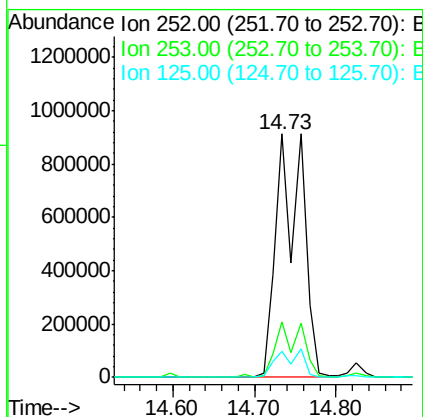
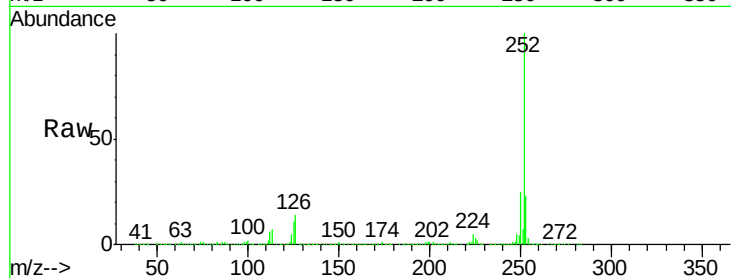




#87
Benzo(b)fluoranthene
Concen: 95.20 ng
RT: 14.73 min Scan# 1124
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

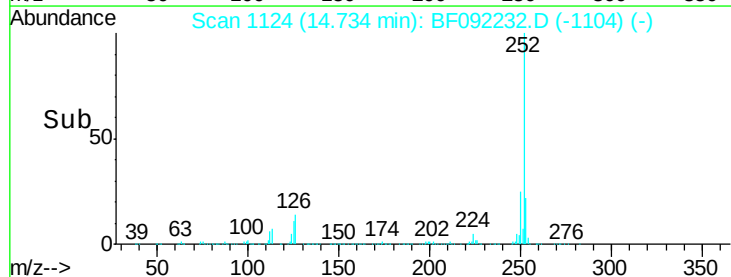
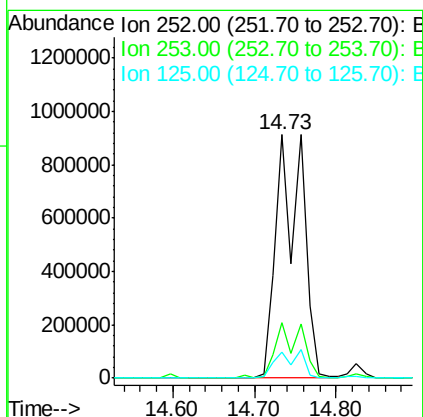
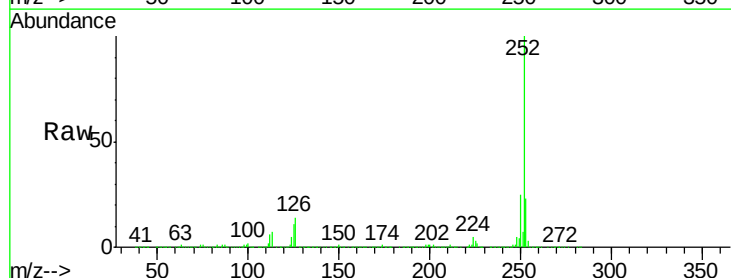
Instrument :
BNA_F
ClientSampleId :
SW-001MSD

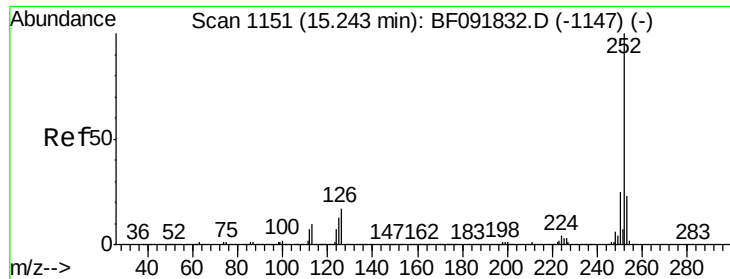
Tgt Ion:252 Resp: 2028822
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 10.8 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 111.64 ng
RT: 14.73 min Scan# 1124
Delta R.T. -0.07 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Tgt Ion:252 Resp: 2028822
Ion Ratio Lower Upper
252 100
253 22.6 18.5 27.7
125 10.8 8.9 13.3





#89

Benzo(a)pyrene

Concen: 55.56 ng

RT: 15.04 min Scan# 1151

Delta R.T. -0.06 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

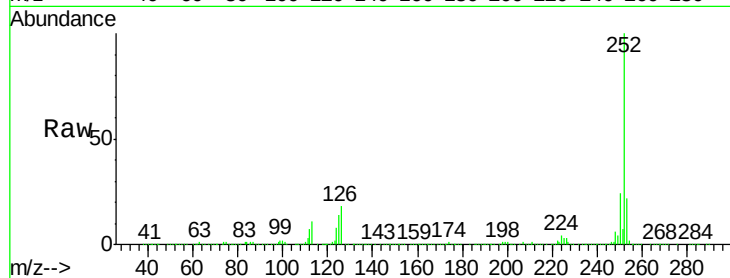
Tgt Ion:252 Resp: 1051026

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

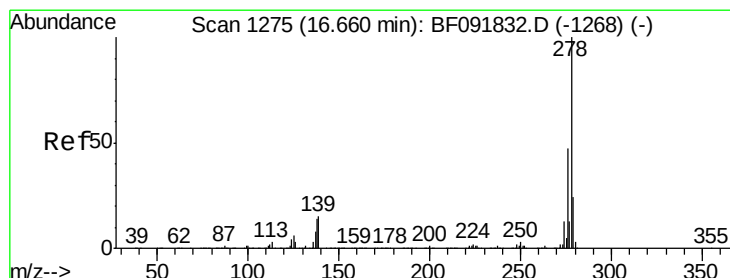
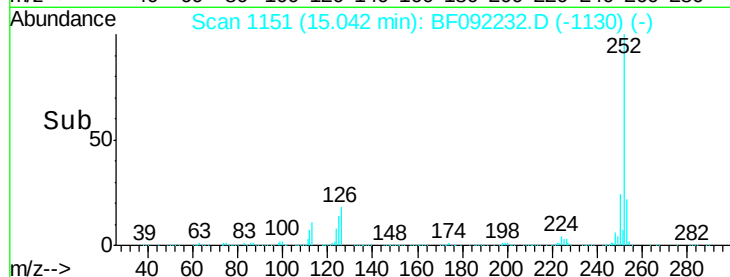
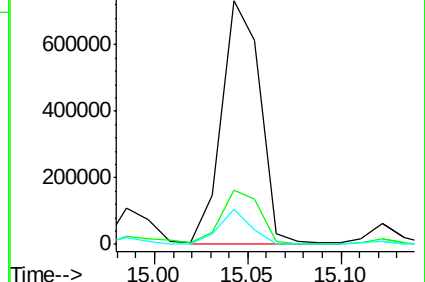
125 14.4 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.92 ng

RT: 16.36 min Scan# 1266

Delta R.T. -0.08 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

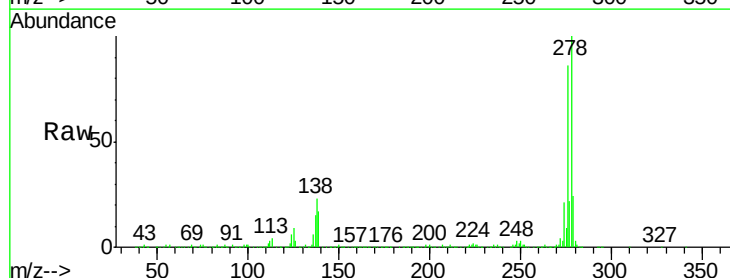
Tgt Ion:278 Resp: 745096

Ion Ratio Lower Upper

278 100

139 17.4 14.8 22.2

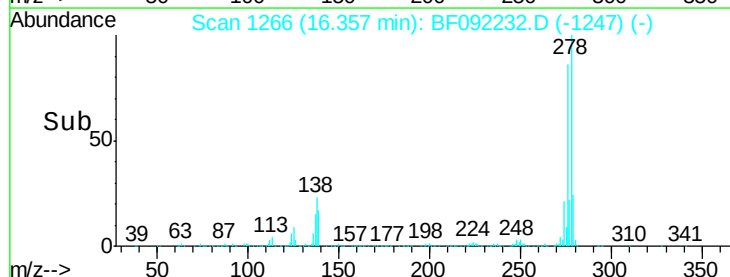
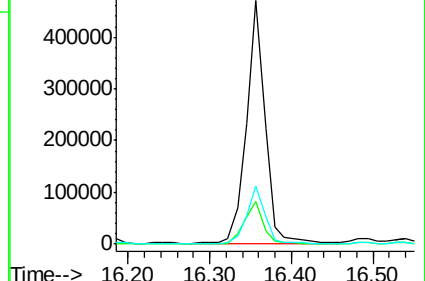
279 23.8 19.8 29.6

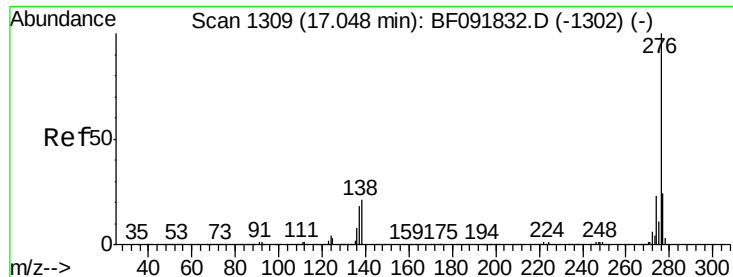


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 50.91 ng

RT: 16.72 min Scan# 1298

Delta R.T. -0.08 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

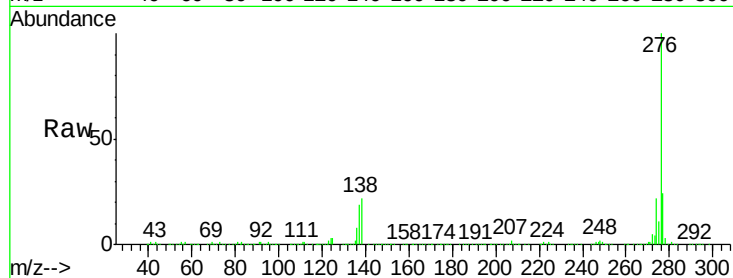
Tgt Ion: 276 Resp: 822979

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 22.0 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

