

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
 Data File : BF092242.D
 Acq On : 13 Jan 2017 11:52
 Operator : UM/SJ
 Sample : I1131-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Quant Time: Jan 13 17:52:33 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	6.59	152	221495	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	806165	20.00	ng	-0.05
38) Acenaphthene-d10	9.63	164	430025	20.00	ng	-0.05
63) Phenanthrene-d10	11.10	188	523473	20.00	ng	-0.05
75) Chrysene-d12	13.73	240	304232	20.00	ng	-0.05
86) Perylene-d12	15.09	264	344809	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1682659	126.85	ng	-0.04
7) Phenol-d6	6.27	99	2076598	128.22	ng	-0.04
23) Nitrobenzene-d5	7.17	82	1275596	87.99	ng	-0.04
41) 2,4,6-Tribromophenol	10.42	330	390299	109.67	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1693250	79.90	ng	-0.05
78) Terphenyl-d14	12.69	244	1147089	91.44	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	188693	28.89	ng	96
3) Pyridine	2.70	79	528423	23.18	ng	97
4) n-Nitrosodimethylamine	2.66	42	271545	31.58	ng	97
6) Aniline	6.26	93	414961	19.73	ng	# 63
8) 2-Chlorophenol	6.38	128	613184	40.64	ng	91
9) Benzaldehyde	6.13	77	34811	2.65	ng	97
10) Phenol	6.28	94	834119	45.20	ng	# 62
11) bis(2-Chloroethyl)ether	6.34	93	552976	37.66	ng	98
12) 1,3-Dichlorobenzene	6.53	146	551720	34.25	ng	98
13) 1,4-Dichlorobenzene	6.60	146	550769	33.59	ng	99
14) 1,2-Dichlorobenzene	6.76	146	489966	34.44	ng	98
15) Benzyl Alcohol	6.75	79	395929	31.46	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.88	45	821416	37.56	ng	# 50
17) 2-Methylphenol	6.88	107	467664	38.54	ng	# 89
18) Hexachloroethane	7.10	117	209359	34.44	ng	95
19) n-Nitroso-di-n-propylamine	7.02	70	419591	38.94	ng	97
20) 3+4-Methylphenols	7.03	107	595451	41.14	ng	# 70
22) Acetophenone	7.01	105	882955	44.40	ng	# 92
24) Nitrobenzene	7.18	77	618397	40.05	ng	97
25) Isophorone	7.42	82	1221045	45.65	ng	95
26) 2-Nitrophenol	7.50	139	291268	38.25	ng	90
27) 2,4-Dimethylphenol	7.56	122	472576	37.42	ng	98
28) bis(2-Chloroethoxy)methane	7.64	93	558521	34.43	ng	98
29) 2,4-Dichlorophenol	7.75	162	423677	39.62	ng	93
30) 1,2,4-Trichlorobenzene	7.82	180	415807	35.48	ng	97
31) Naphthalene	7.90	128	1538036	41.69	ng	98
32) Benzoic acid	7.66	122	24259	2.59	ng	90
33) 4-Chloroaniline	7.96	127	233743	14.05	ng	97
34) Hexachlorobutadiene	8.02	225	215696	34.87	ng	100
35) Caprolactam	8.34	113	115486	32.86	ng	# 63
36) 4-Chloro-3-methylphenol	8.47	107	447014	36.32	ng	# 83
37) 2-Methylnaphthalene	8.59	142	927680	39.82	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	435459	40.08	ng	99
40) Hexachlorocyclopentadiene	8.75	237	187685	40.84	ng	98

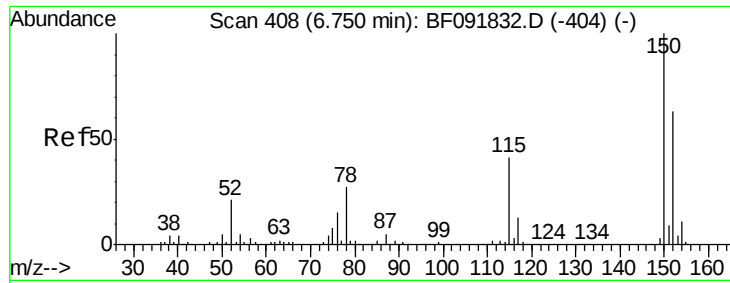
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	267042	35.15	ng	97
43) 2,4,5-Trichlorophenol	8.93	196	251871	32.21	ng	99
45) 1,1'-Biphenyl	9.06	154	1076129	36.55	ng	98
46) 2-Chloronaphthalene	9.08	162	879784	37.73	ng	99
47) 2-Nitroaniline	9.18	65	286487	34.51	ng	99
48) Acenaphthylene	9.49	152	1273276	35.51	ng	98
49) Dimethylphthalate	9.36	163	1254776	45.62	ng	98
50) 2,6-Dinitrotoluene	9.43	165	214581	35.65	ng	# 82
51) Acenaphthene	9.66	154	930595	38.28	ng	100
52) 3-Nitroaniline	9.59	138	157406	21.13	ng	100
53) 2,4-Dinitrophenol	9.71	184	64367	19.22	ng	# 43
54) Dibenzofuran	9.83	168	1132911	34.51	ng	96
55) 4-Nitrophenol	9.79	139	239876	47.42	ng	92
56) 2,4-Dinitrotoluene	9.83	165	262583	34.75	ng	88
57) Fluorene	10.18	166	843619	35.32	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	214443	34.67	ng	98
59) Diethylphthalate	10.06	149	971807	36.38	ng	99
60) 4-Chlorophenyl-phenylether	10.16	204	346682	33.15	ng	99
61) 4-Nitroaniline	10.21	138	235649	30.52	ng	90
62) Azobenzene	10.32	77	1067523	36.30	ng	99
64) 4,6-Dinitro-2-methylphenol	10.24	198	104837	33.12	ng	82
65) n-Nitrosodiphenylamine	10.29	169	725452	46.70	ng	99
66) 4-Bromophenyl-phenylether	10.66	248	283448	52.05	ng	# 87
67) Hexachlorobenzene	10.71	284	244949	42.08	ng	# 78
68) Atrazine	10.83	200	229475	45.80	ng	97
69) Pentachlorophenol	10.92	266	189523	66.36	ng	99
70) Phenanthrene	11.12	178	1368930	48.23	ng	99
71) Anthracene	11.18	178	1282374	55.22	ng	97
72) Carbazole	11.34	167	1073232	46.70	ng	98
73) Di-n-butylphthalate	11.67	149	1288875	48.21	ng	99
74) Fluoranthene	12.31	202	1590563	65.62	ng	92
76) Benzidine	12.44	184	160822	17.24	ng	96
77) Pyrene	12.53	202	1342267	60.13	ng	99
79) Butylbenzylphthalate	13.17	149	452222	44.54	ng	# 75
80) Benzo(a)anthracene	13.72	228	978532	56.98	ng	99
81) 3,3'-Dichlorobenzidine	13.69	252	179497	27.56	ng	98
82) Chrysene	13.75	228	776387	45.07	ng	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	585616	48.98	ng	# 99
84) Di-n-octyl phthalate	14.34	149	1014790	45.82	ng	98
85) Indeno(1,2,3-cd)pyrene	16.34	276	833431	55.85	ng	99
87) Benzo(b)fluoranthene	14.75	252	1778770	82.86	ng	98
88) Benzo(k)fluoranthene	14.75	252	1778770	97.17	ng	99
89) Benzo(a)pyrene	15.03	252	890131	46.72	ng	99
91) Benzo(g,h,i)perylene	16.70	276	699668	42.96	ng	97

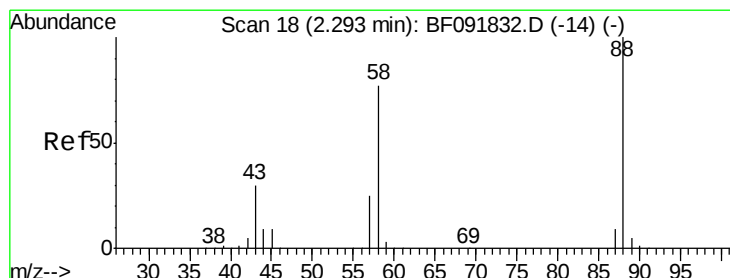
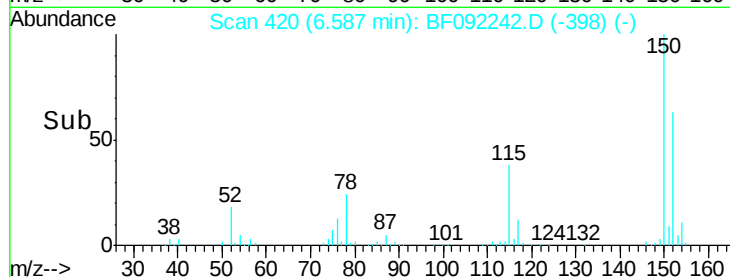
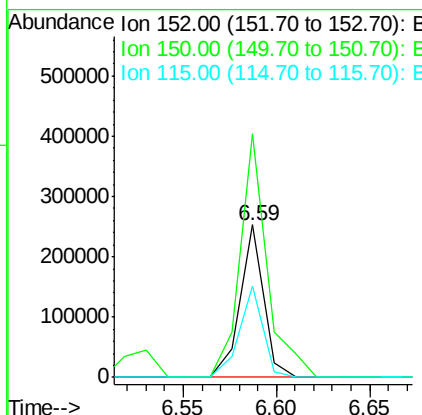
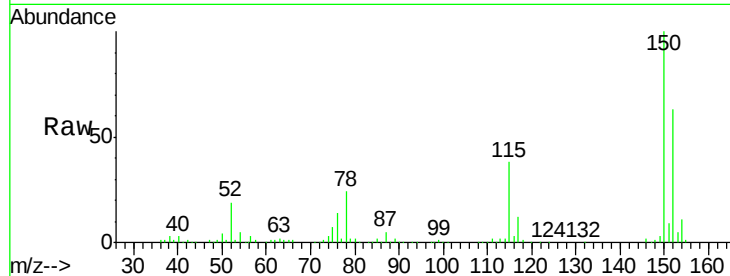
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.59 min Scan# 420
 Delta R.T. -0.05 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

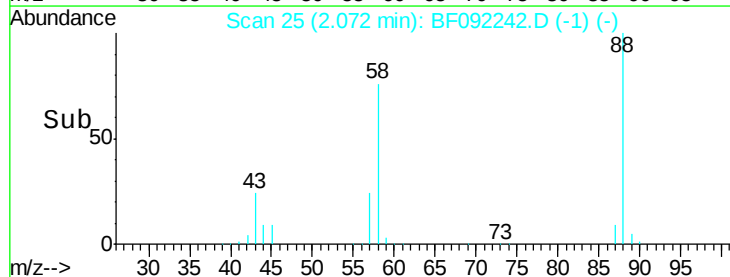
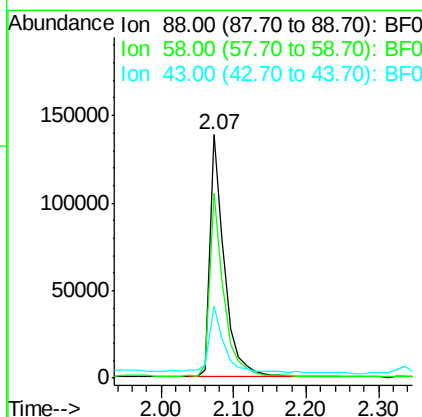
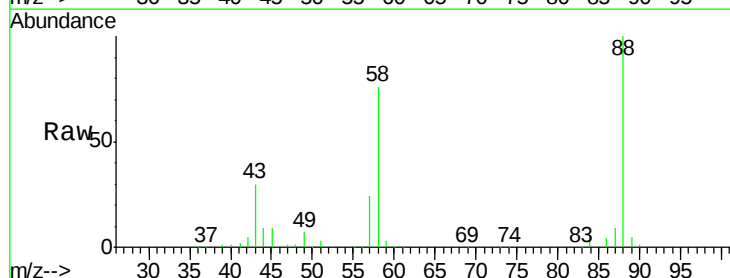
Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

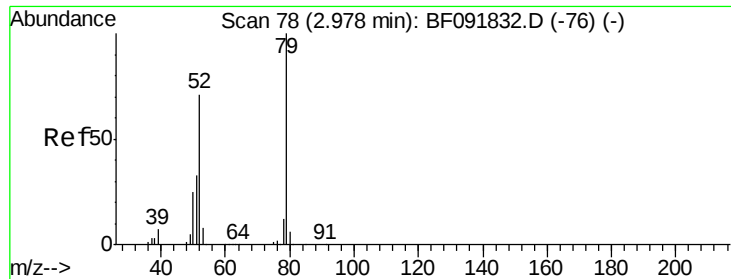
Tgt Ion:152 Resp: 221495
 Ion Ratio Lower Upper
 152 100
 150 160.0 124.9 187.3
 115 60.2 46.0 69.0



#2
 1,4-Dioxane
 Concen: 28.89 ng
 RT: 2.07 min Scan# 25
 Delta R.T. -0.01 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Tgt Ion: 88 Resp: 188693
 Ion Ratio Lower Upper
 88 100
 58 75.7 57.8 86.8
 43 30.9 22.3 33.5





#3

Pyridine

Concen: 23.18 ng

RT: 2.70 min Scan# 80

Delta R.T. -0.03 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

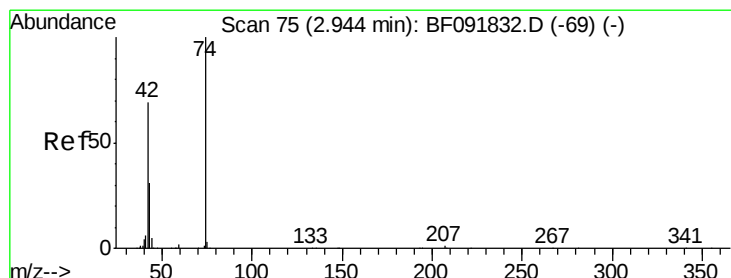
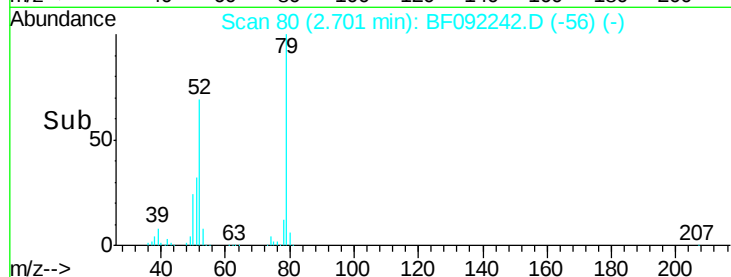
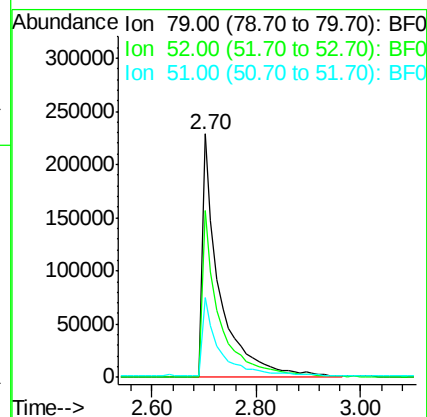
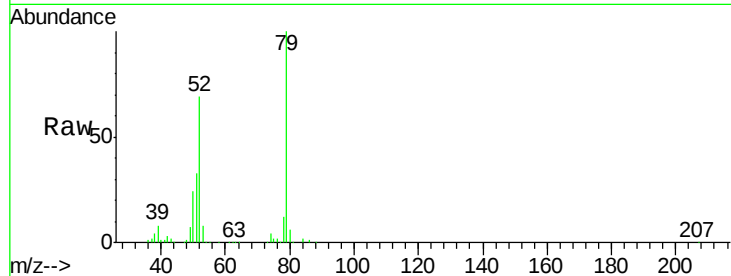
Tgt Ion: 79 Resp: 528423

Ion Ratio Lower Upper

79 100

52 68.6 57.1 85.7

51 32.9 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 31.58 ng

RT: 2.66 min Scan# 76

Delta R.T. -0.03 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

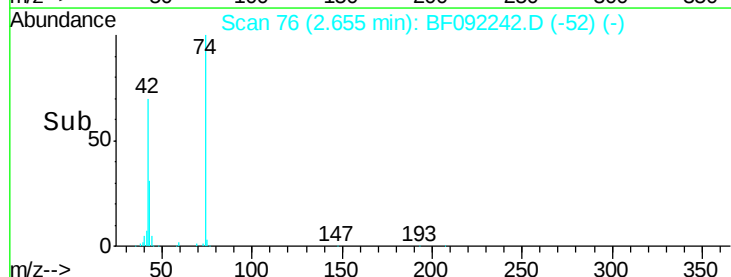
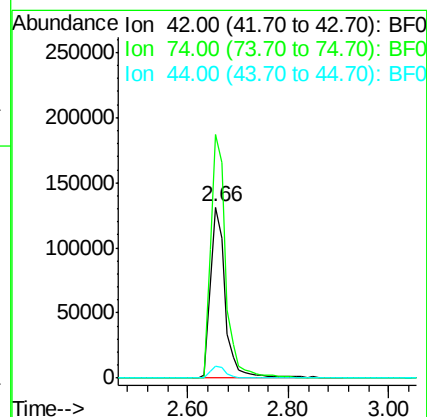
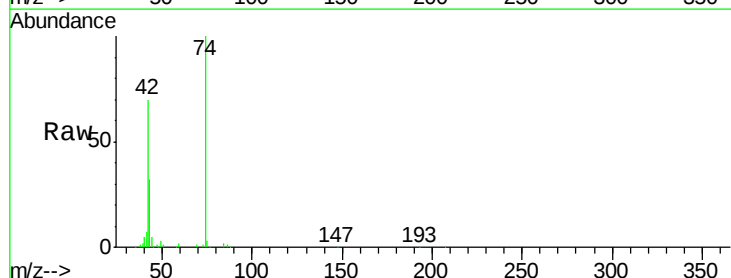
Tgt Ion: 42 Resp: 271545

Ion Ratio Lower Upper

42 100

74 142.1 117.0 175.4

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 126.85 ng

RT: 5.19 min Scan# 298

Delta R.T. -0.04 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

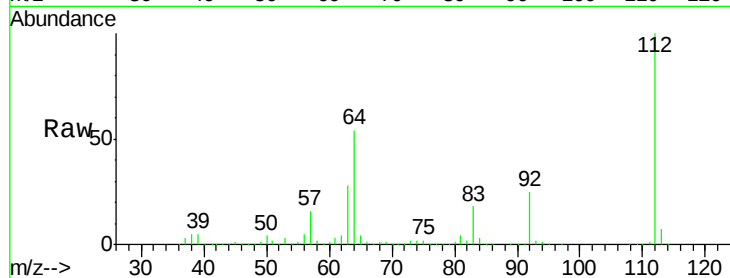
Tgt Ion: 112 Resp: 1682659

Ion Ratio Lower Upper

112 100

64 54.0 46.1 69.1

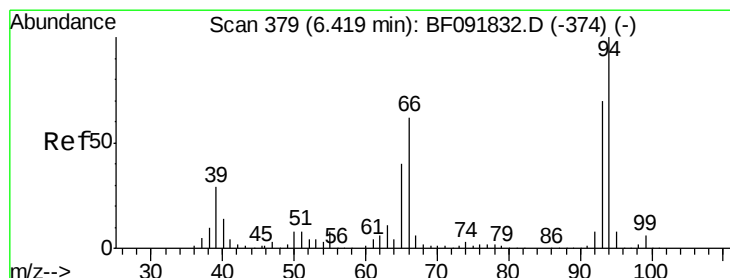
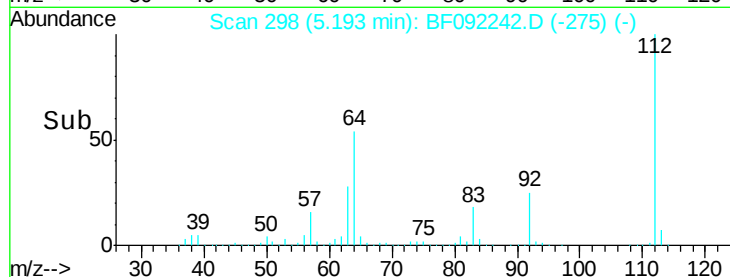
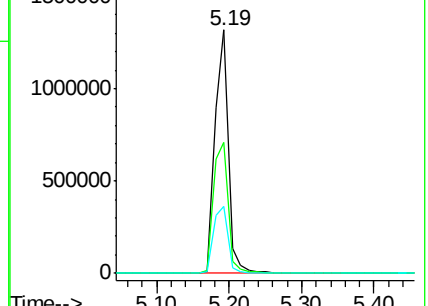
63 27.6 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.73 ng

RT: 6.26 min Scan# 391

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

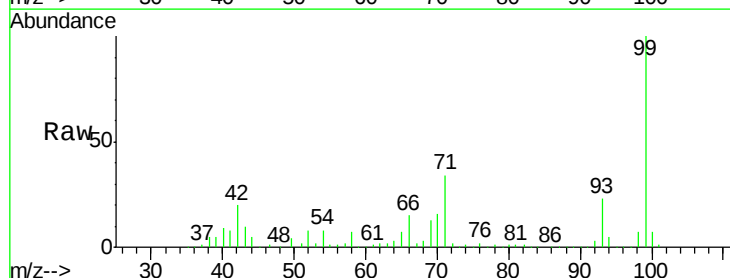
Tgt Ion: 93 Resp: 414961

Ion Ratio Lower Upper

93 100

66 64.0 76.2 114.2#

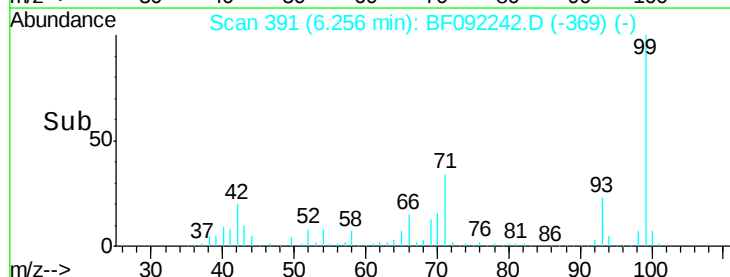
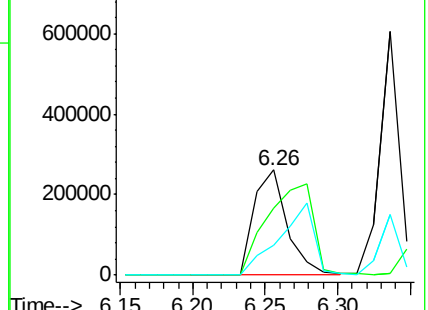
65 27.8 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.22 ng

RT: 6.27 min Scan# 392

Delta R.T. -0.04 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

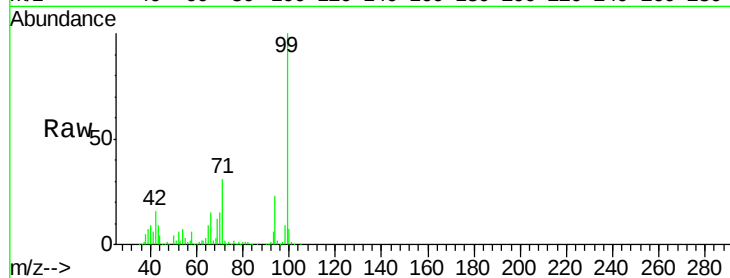
Tgt Ion: 99 Resp: 2076598

Ion Ratio Lower Upper

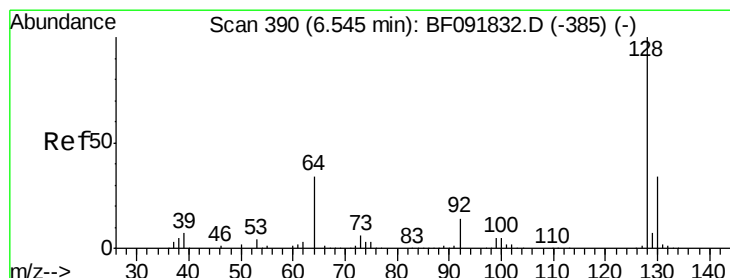
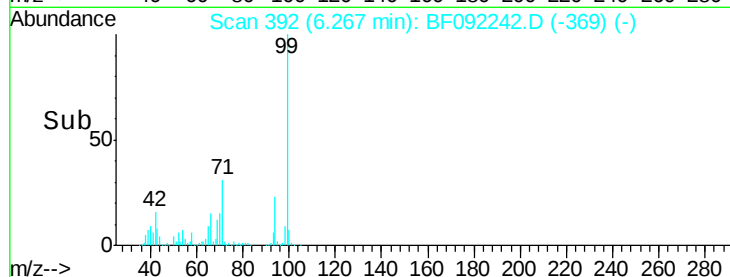
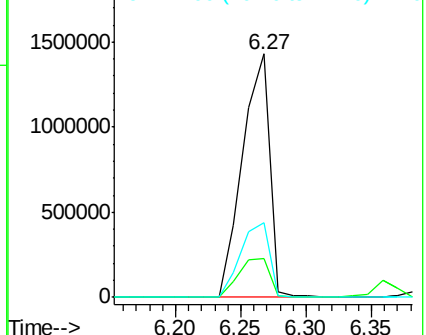
99 100

42 16.1 15.6 23.4

71 30.7 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: 40.64 ng

RT: 6.38 min Scan# 402

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

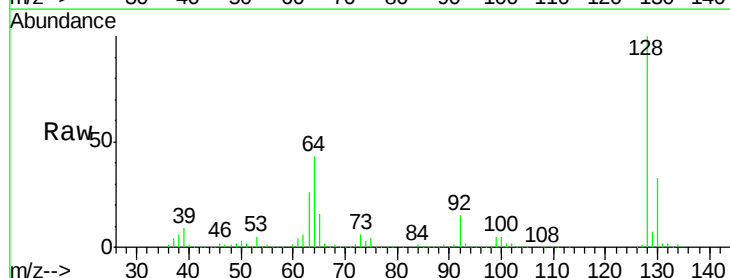
Tgt Ion: 128 Resp: 613184

Ion Ratio Lower Upper

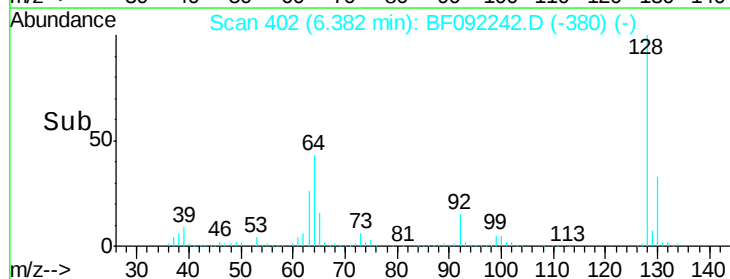
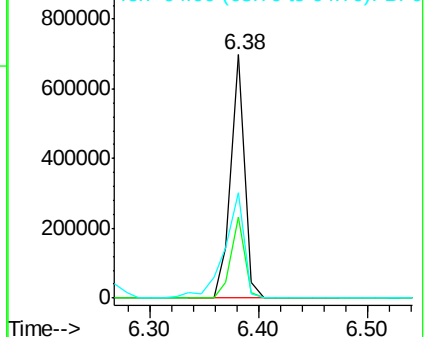
128 100

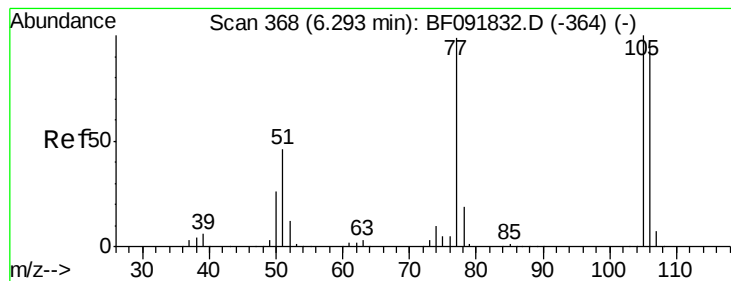
130 33.2 12.3 52.3

64 43.1 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: 2.65 ng

RT: 6.13 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

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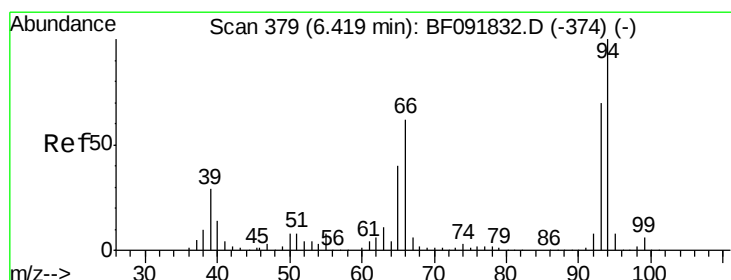
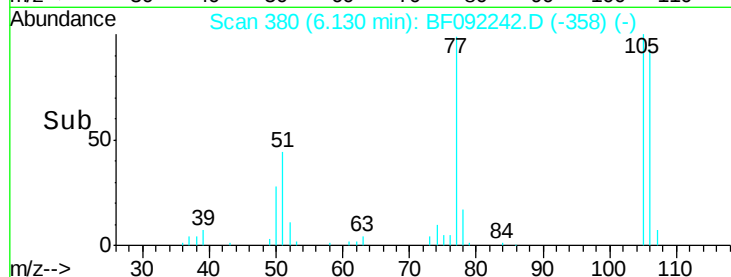
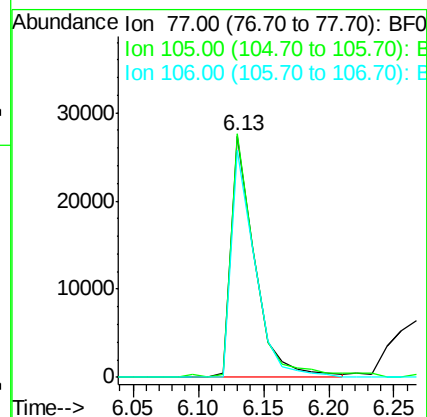
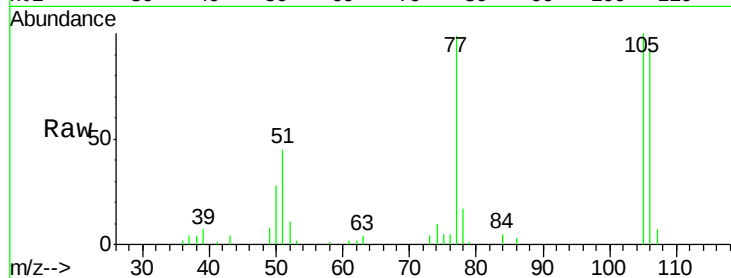
Tgt Ion: 77 Resp: 34811

Ion Ratio Lower Upper

77 100

105 101.0 83.9 123.9

106 94.3 77.6 117.6



#10

Phenol

Concen: 45.20 ng

RT: 6.28 min Scan# 393

Delta R.T. -0.04 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

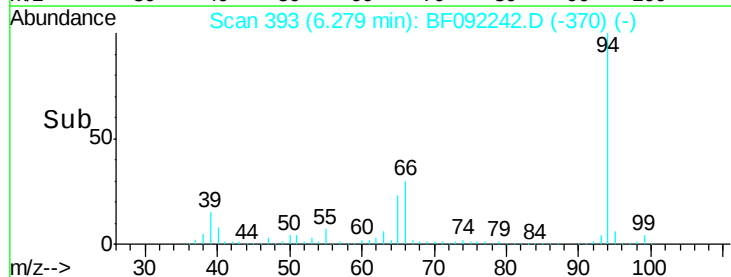
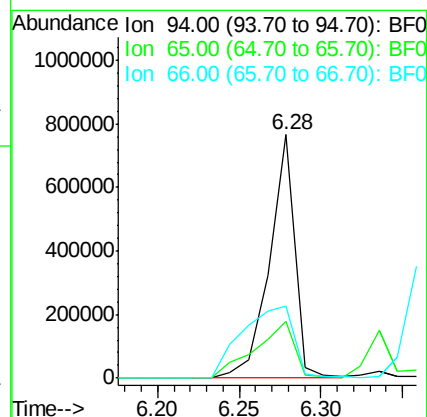
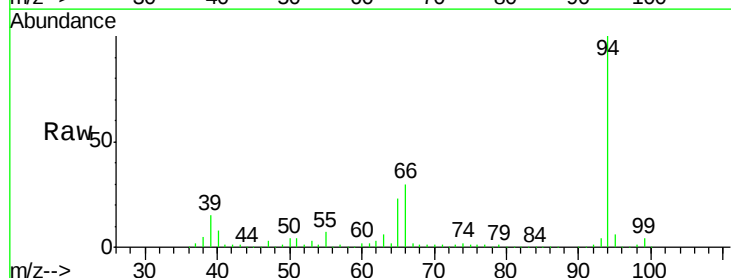
Tgt Ion: 94 Resp: 834119

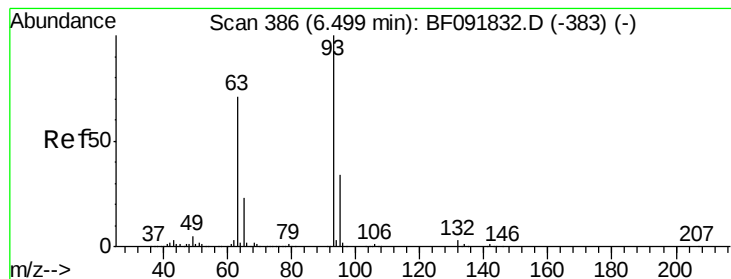
Ion Ratio Lower Upper

94 100

65 23.4 21.4 61.4

66 29.6 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 37.66 ng

RT: 6.34 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

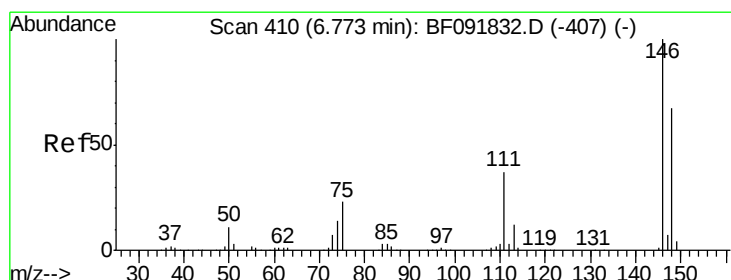
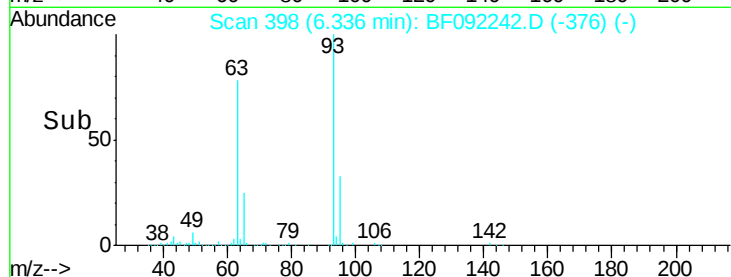
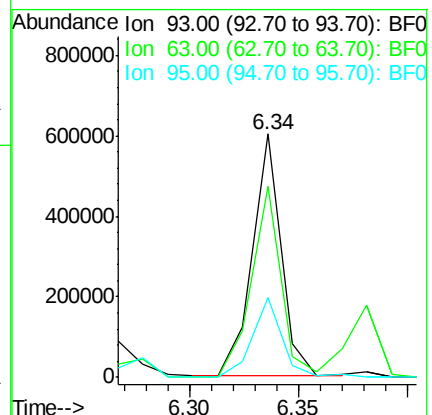
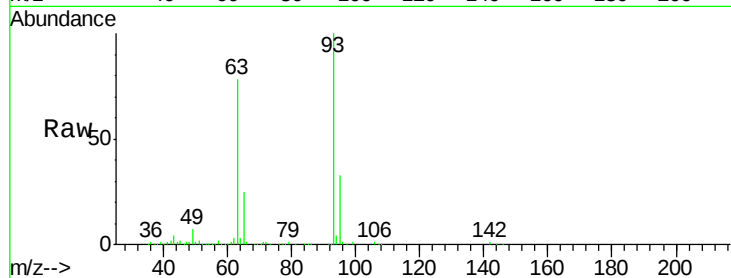
Tgt Ion: 93 Resp: 552976

Ion Ratio Lower Upper

93 100

63 78.3 60.4 100.4

95 32.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 34.25 ng

RT: 6.53 min Scan# 415

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

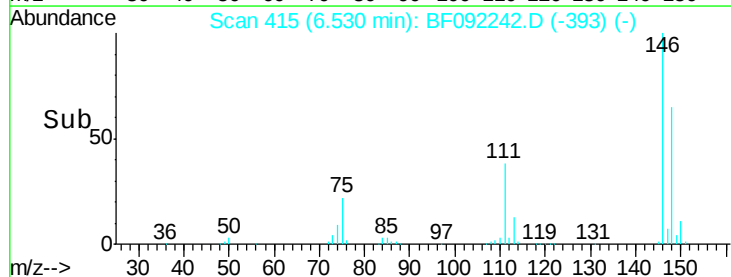
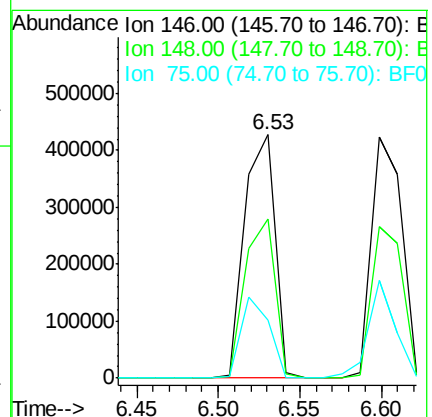
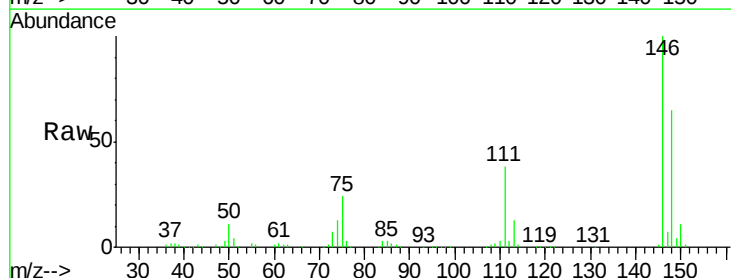
Tgt Ion: 146 Resp: 551720

Ion Ratio Lower Upper

146 100

148 65.3 53.4 80.0

75 23.7 18.5 27.7

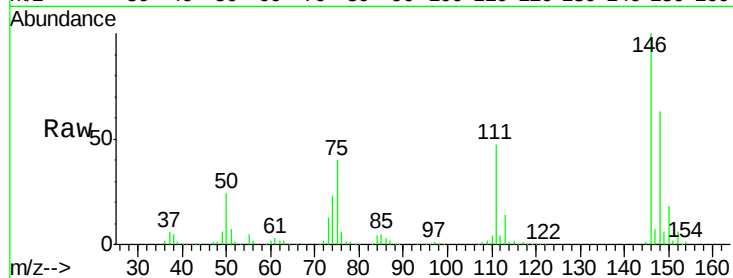




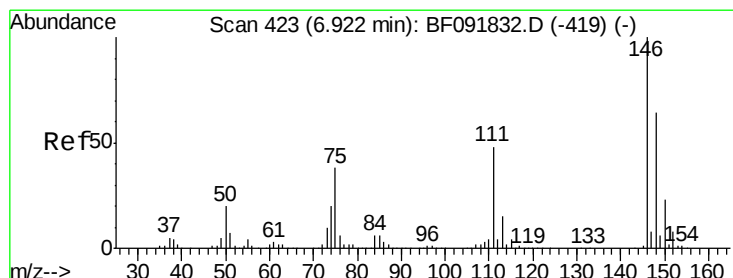
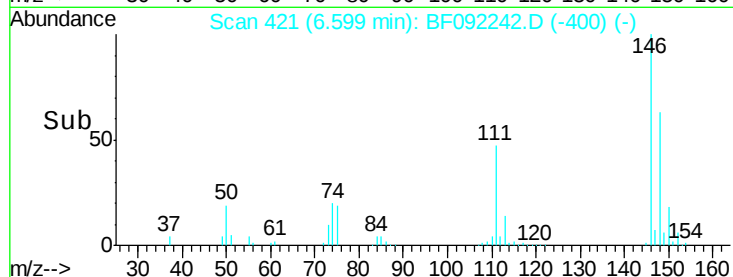
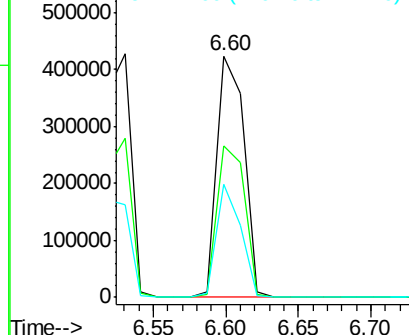
#13
 1,4-Dichlorobenzene
 Concen: 33.59 ng
 RT: 6.60 min Scan# 421
 Delta R.T. -0.07 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tgt Ion:146 Resp: 550769
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 76.0
 111 46.6 36.2 54.4

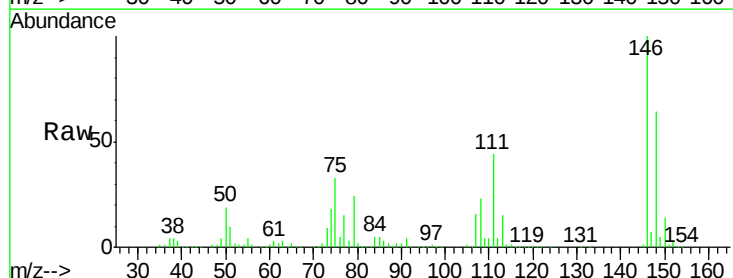


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

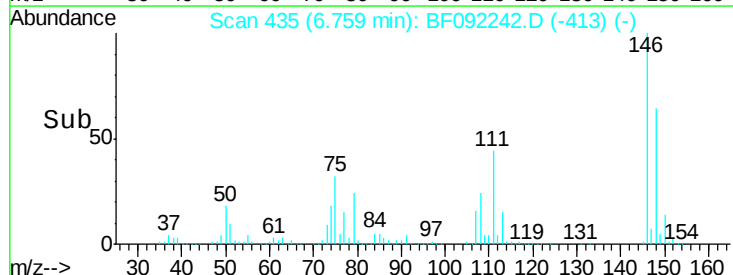
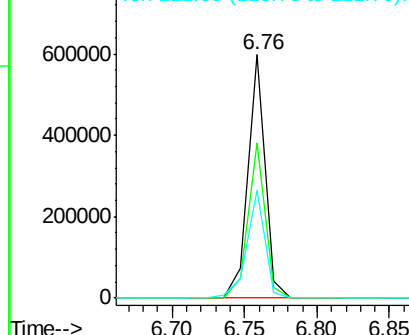


#14
 1,2-Dichlorobenzene
 Concen: 34.44 ng
 RT: 6.76 min Scan# 435
 Delta R.T. -0.05 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Tgt Ion:146 Resp: 489966
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.2
 111 44.2 36.2 54.2



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





#15

Benzyl Alcohol

Concen: 31.46 ng

RT: 6.75 min Scan# 434

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

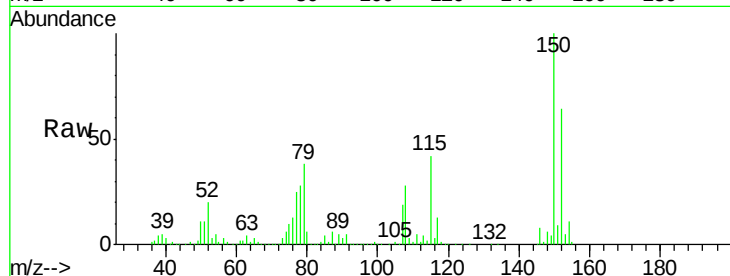
Tgt Ion: 79 Resp: 395929

Ion Ratio Lower Upper

79 100

108 72.9 61.4 92.0

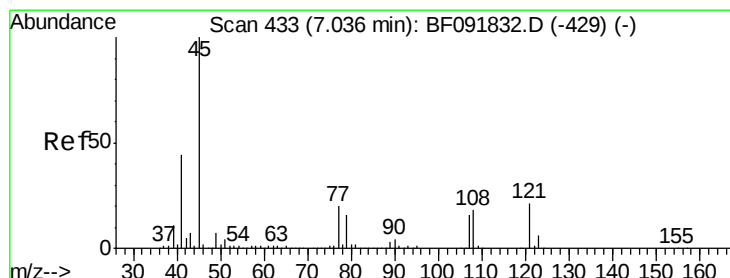
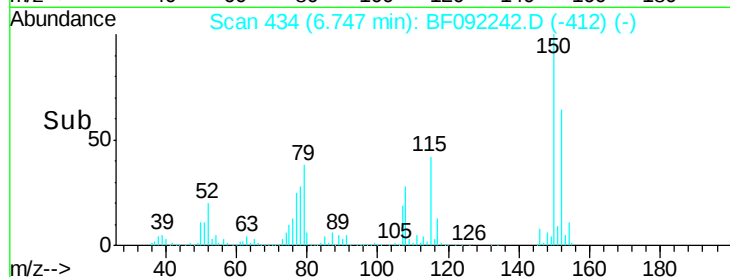
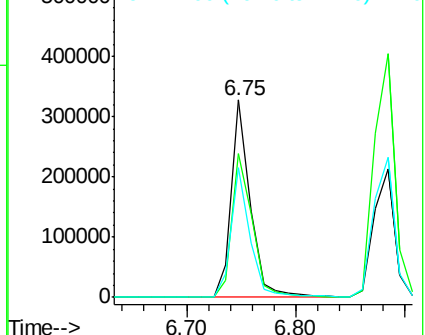
77 65.7 50.9 76.3



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: 37.56 ng

RT: 6.88 min Scan# 446

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

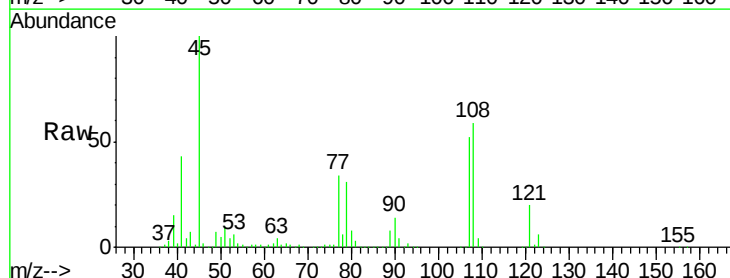
Tgt Ion: 45 Resp: 821416

Ion Ratio Lower Upper

45 100

77 34.1 0.0 34.6

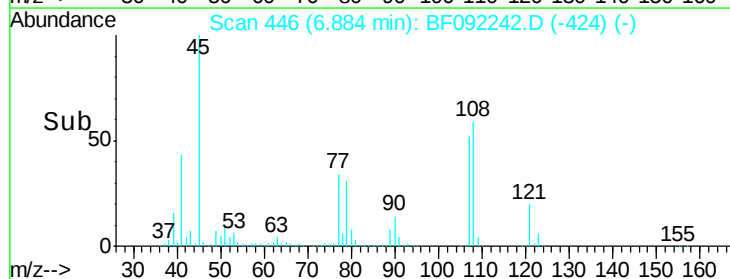
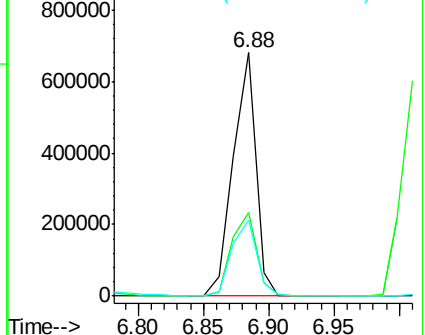
79 31.3 0.0 31.2#

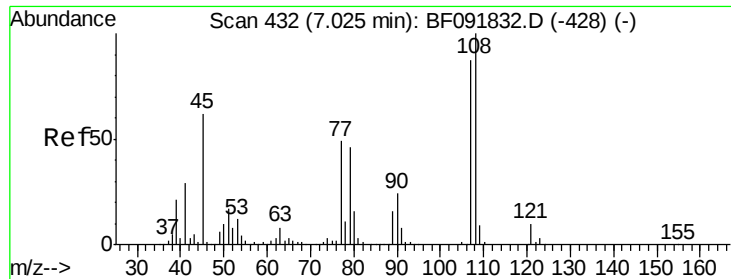


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

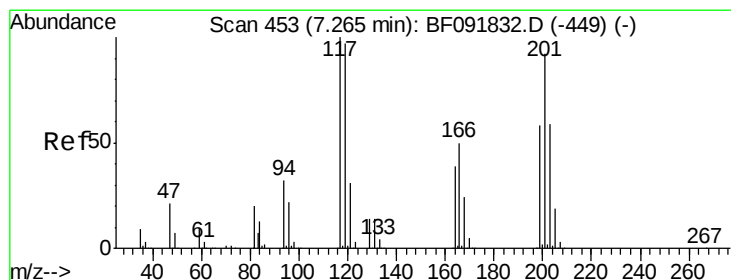
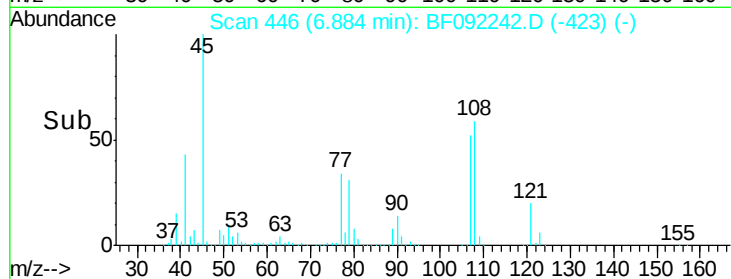
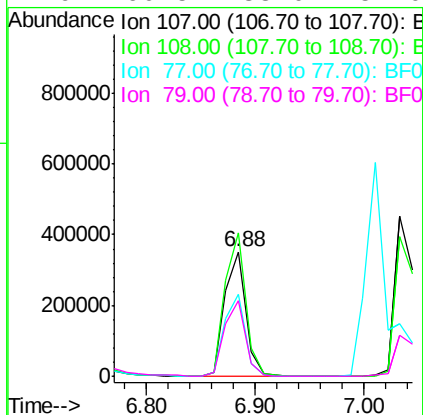
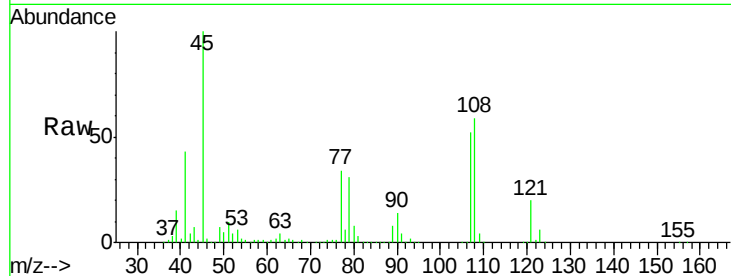




#17
2-Methylphenol
Concen: 38.54 ng
RT: 6.88 min Scan# 446
Delta R.T. -0.04 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

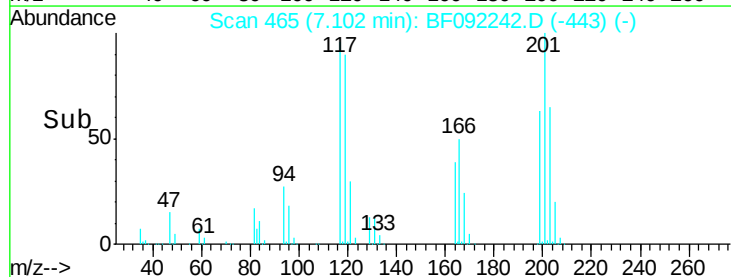
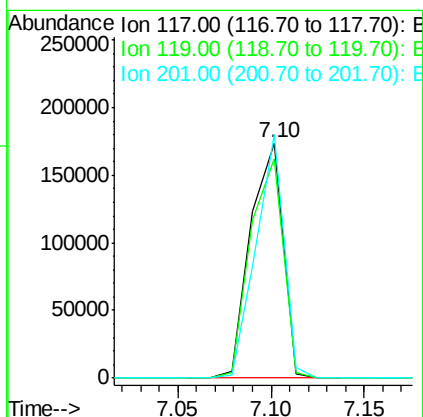
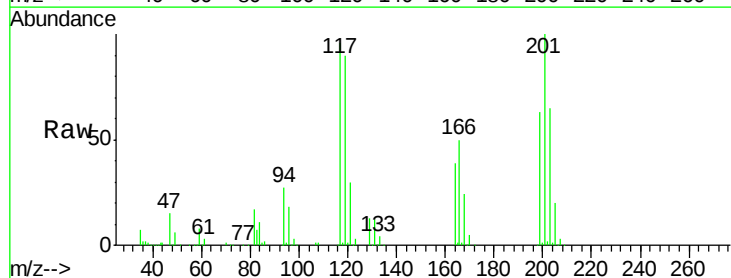
Instrument :
BNA_F
ClientSampled :
SW-001MS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.7	93.0	139.6
77	65.9	39.8	59.8#
79	60.5	38.0	57.0#



#18
Hexachloroethane
Concen: 34.44 ng
RT: 7.10 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	78.1	117.1
201	103.7	78.6	117.8

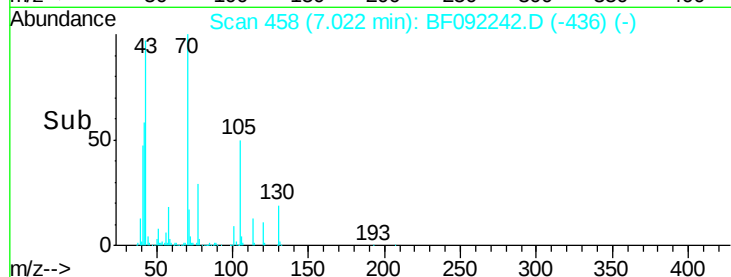
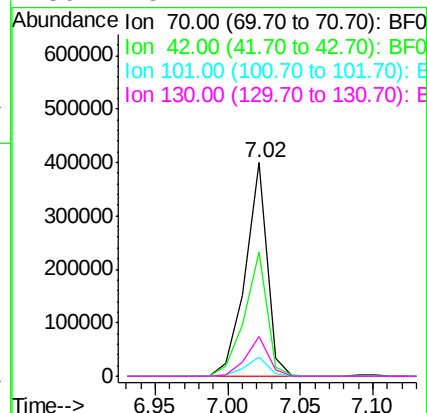
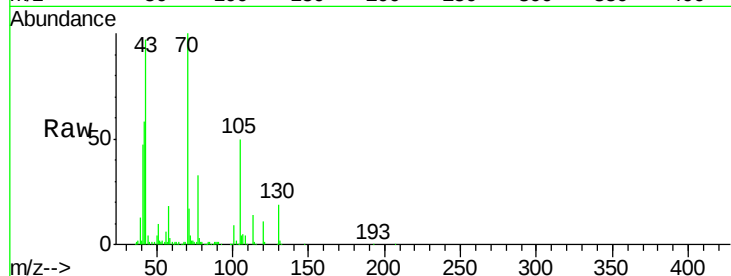




#19
n-Nitroso-di-n-propylamine
Concen: 38.94 ng
RT: 7.02 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

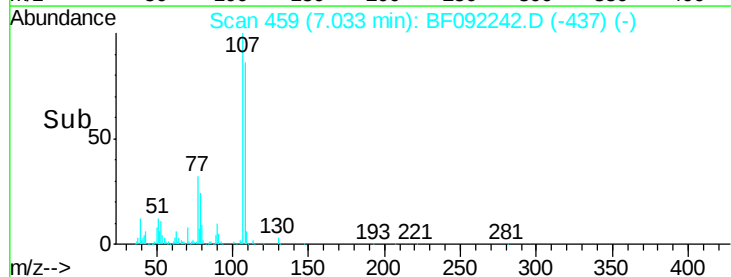
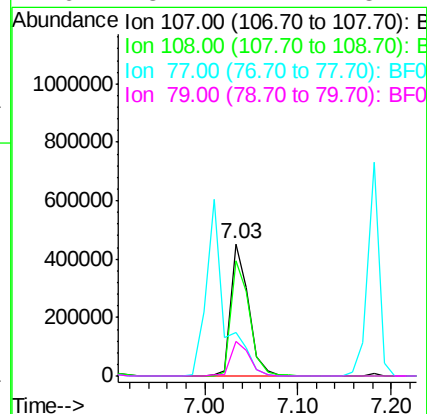
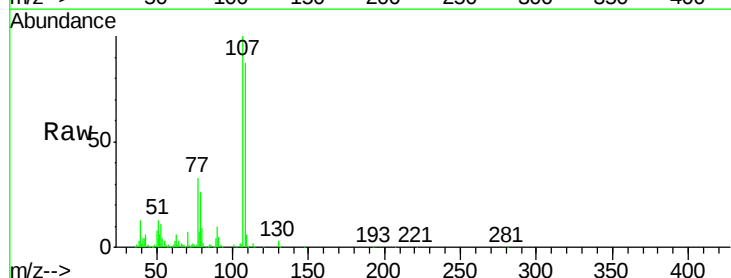
Instrument :
BNA_F
ClientSampleId :
SW-001MS

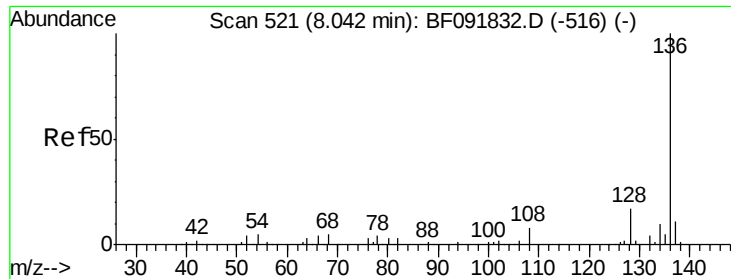
Tgt Ion:	70	Resp:	419591
Ion	Ratio	Lower	Upper
70	100		
42	58.3	49.4	74.0
101	9.1	7.4	11.2
130	18.7	14.2	21.4



#20
3+4-Methylphenols
Concen: 41.14 ng
RT: 7.03 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion:	107	Resp:	595451
Ion	Ratio	Lower	Upper
107	100		
108	86.9	73.0	113.0
77	33.0	71.3	111.3#
79	25.7	11.1	51.1

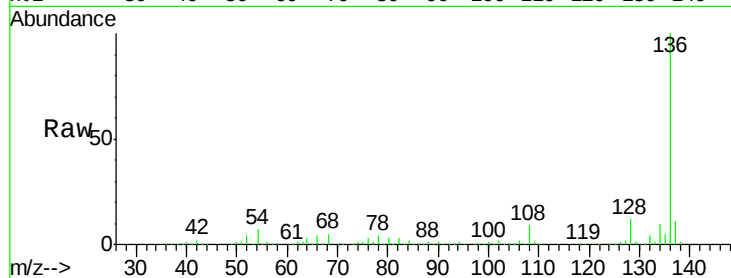




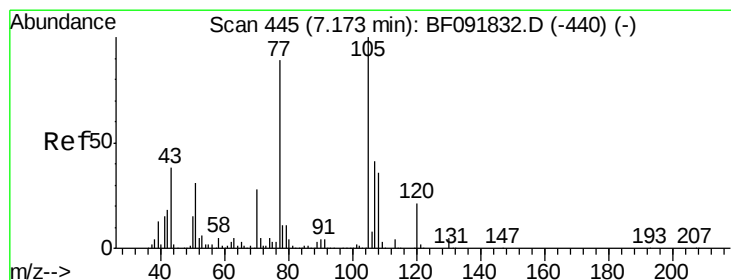
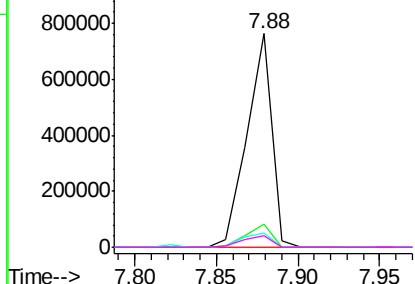
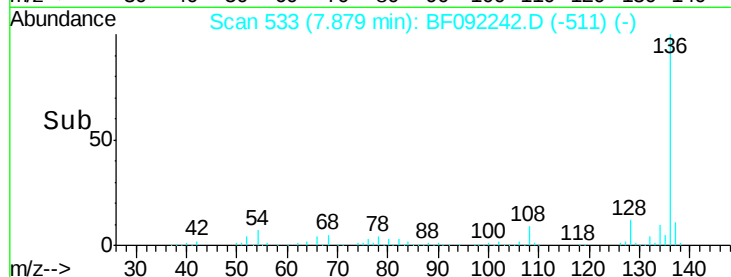
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 533
Delta R.T. -0.05 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tgt Ion:	136	Resp:	806165
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.4	12.6
54	6.7	4.5	6.7
68	5.2	3.6	5.4

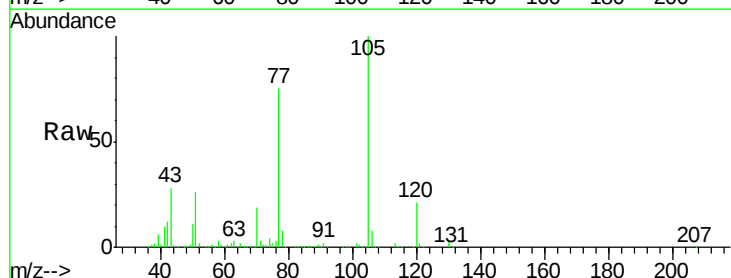


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

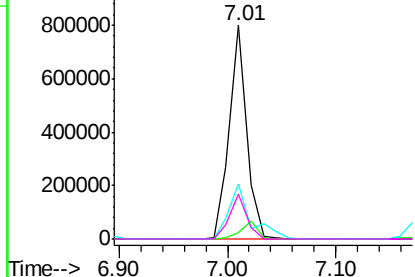
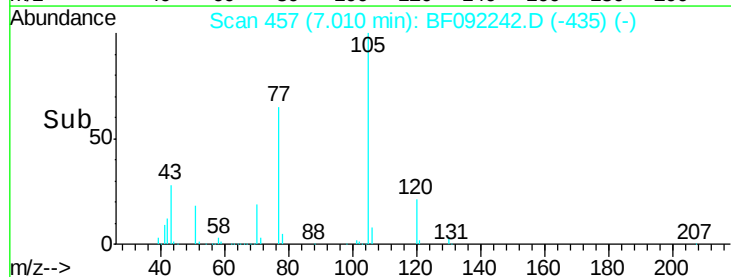


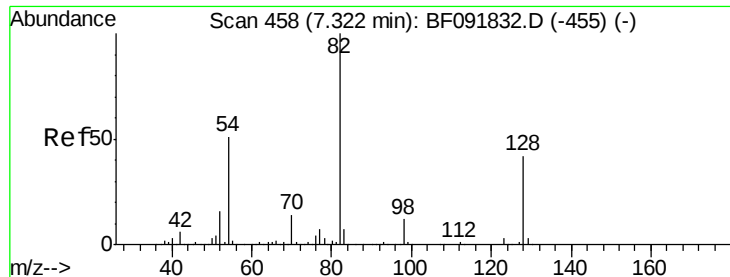
#22
Acetophenone
Concen: 44.40 ng
RT: 7.01 min Scan# 457
Delta R.T. -0.05 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion:	105	Resp:	882955
Ion Ratio	Lower	Upper	
105	100		
71	3.2	3.2	4.8#
51	25.5	26.2	39.4#
120	20.9	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

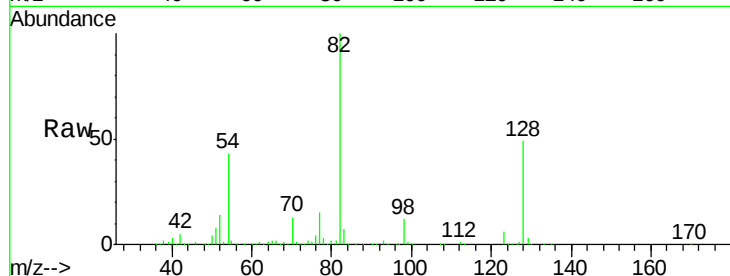




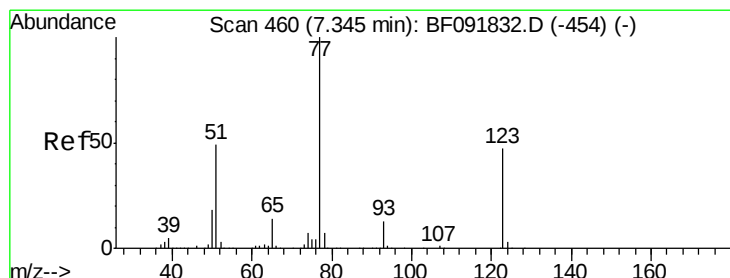
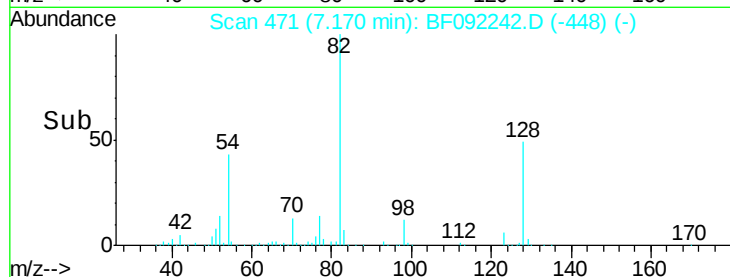
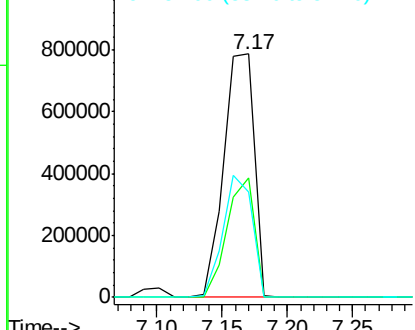
#23
Nitrobenzene-d5
Concen: 87.99 ng
RT: 7.17 min Scan# 471
Delta R.T. -0.04 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tgt Ion: 82 Resp: 1275596
Ion Ratio Lower Upper
82 100
128 49.0 34.6 52.0
54 43.3 39.5 59.3

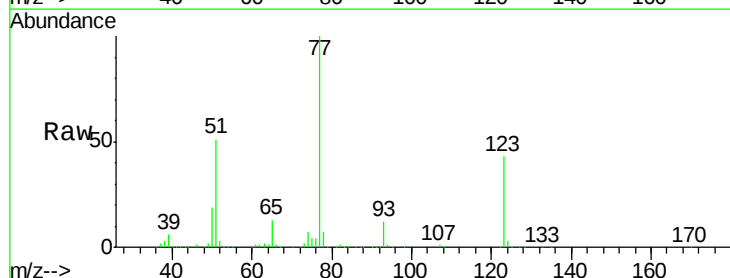


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

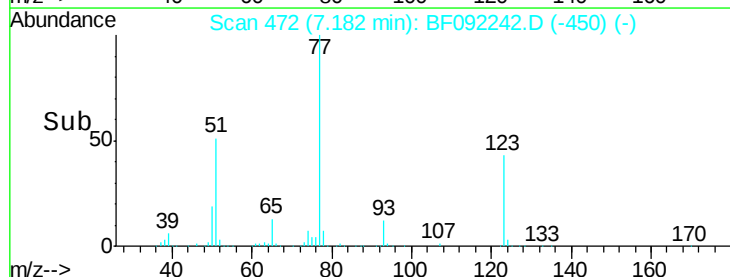
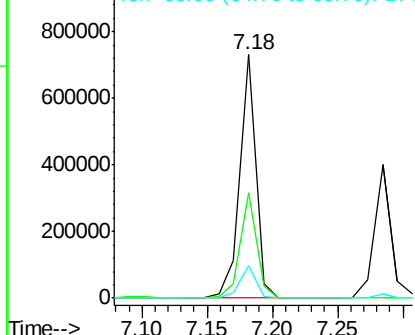


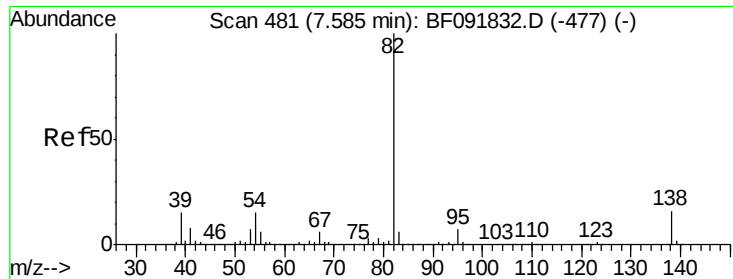
#24
Nitrobenzene
Concen: 40.05 ng
RT: 7.18 min Scan# 472
Delta R.T. -0.05 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion: 77 Resp: 618397
Ion Ratio Lower Upper
77 100
123 43.1 33.0 49.4
65 13.3 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.65 ng

RT: 7.42 min Scan# 493

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

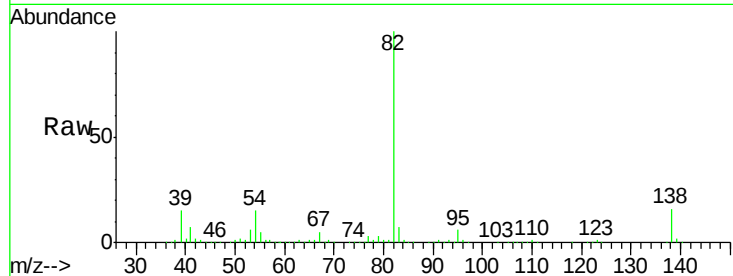
Tgt Ion: 82 Resp: 1221045

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

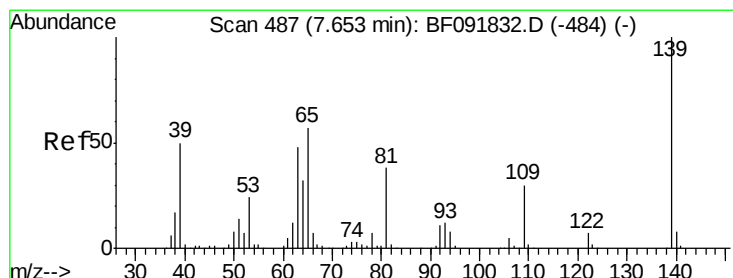
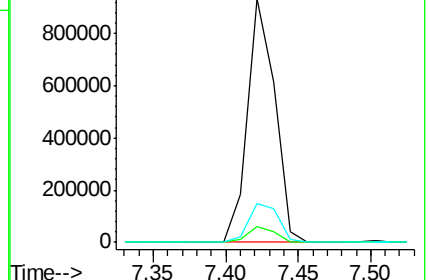
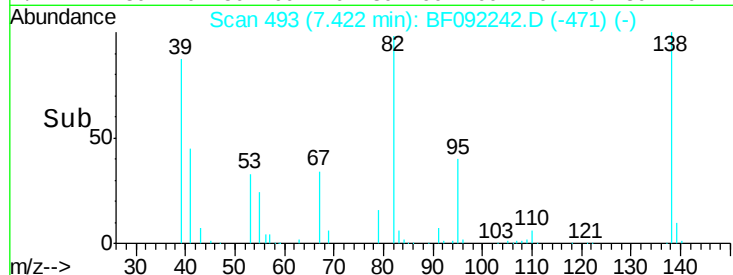
138 15.8 14.6 22.0



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: 38.25 ng

RT: 7.50 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

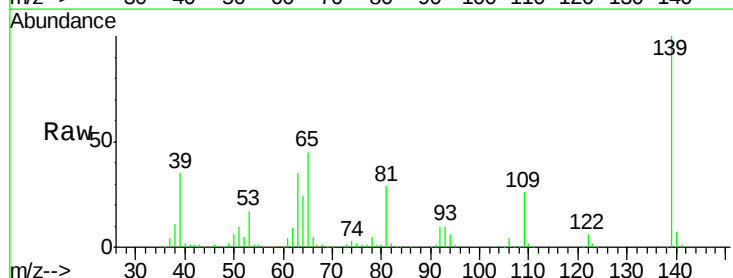
Tgt Ion: 139 Resp: 291268

Ion Ratio Lower Upper

139 100

109 25.9 23.3 34.9

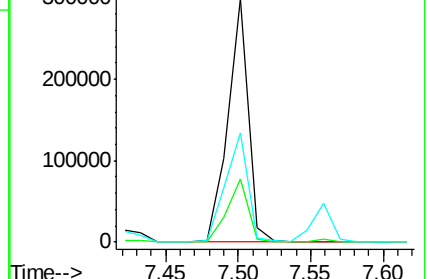
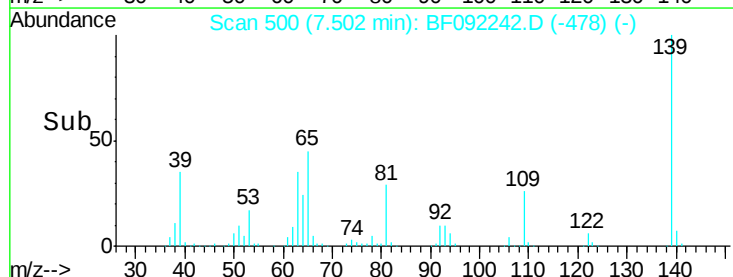
65 44.7 42.7 64.1

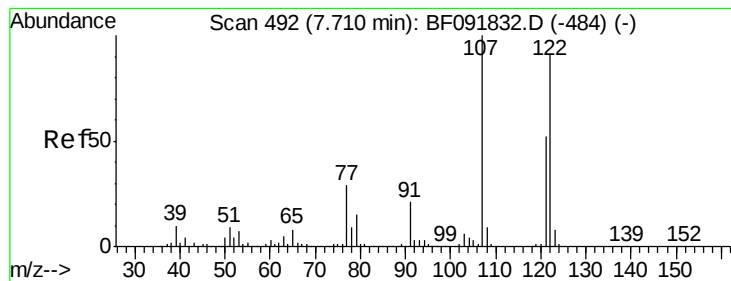


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.42 ng

RT: 7.56 min Scan# 505

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

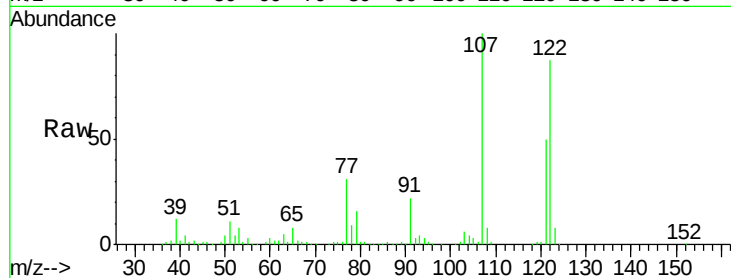
Tgt Ion: 122 Resp: 472576

Ion Ratio Lower Upper

122 100

107 114.7 94.1 141.1

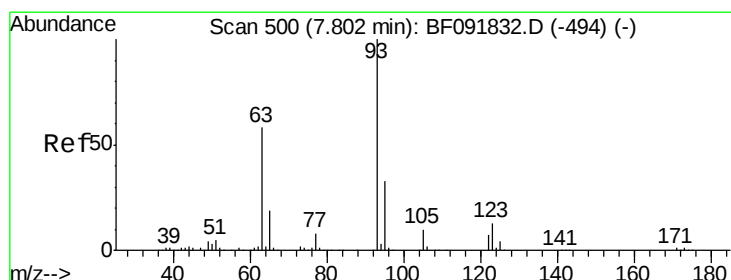
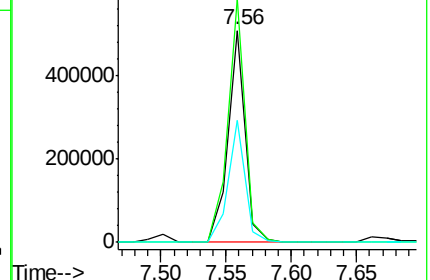
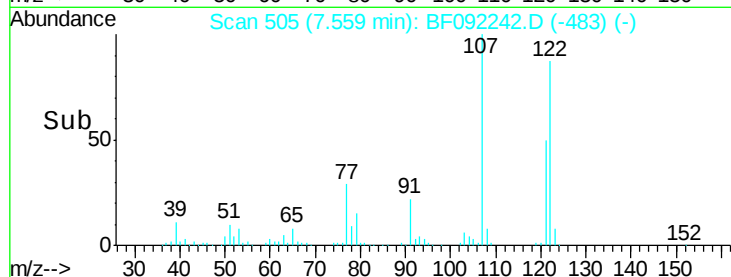
121 57.7 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.43 ng

RT: 7.64 min Scan# 512

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

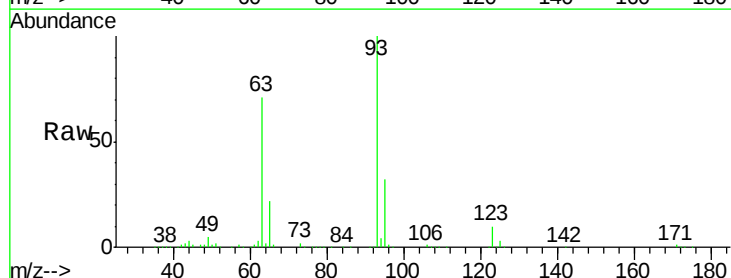
Tgt Ion: 93 Resp: 558521

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

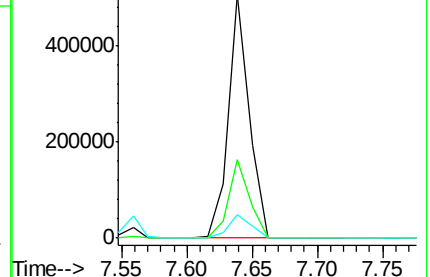
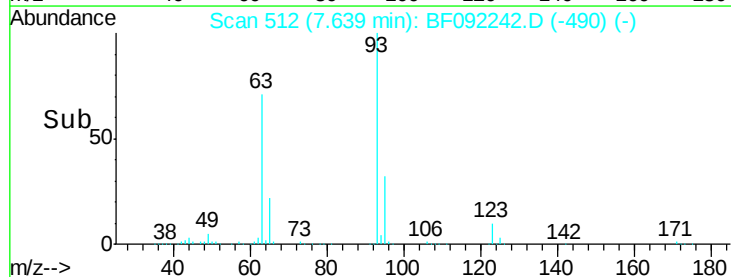
123 9.7 8.6 13.0

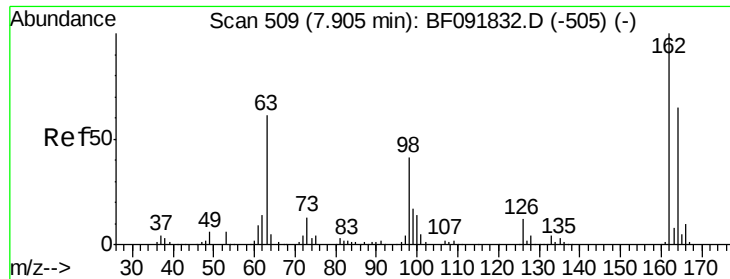


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

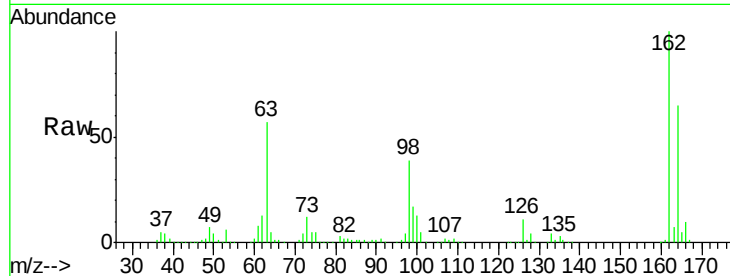




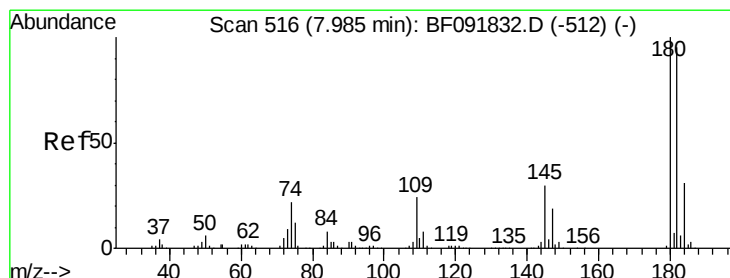
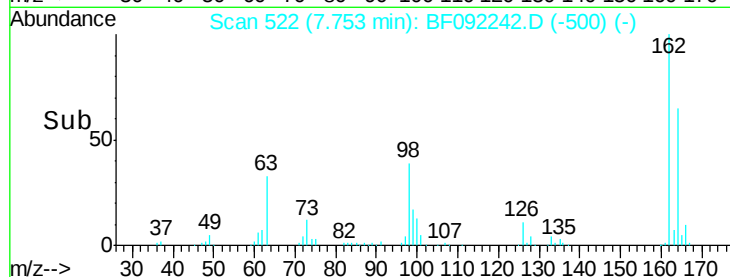
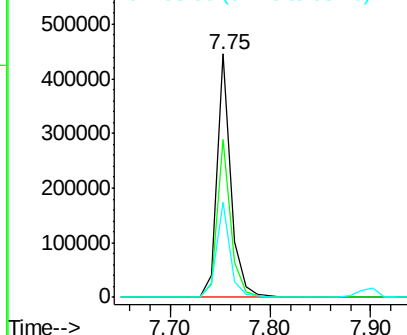
#29
 2,4-Dichlorophenol
 Concen: 39.62 ng
 RT: 7.75 min Scan# 522
 Delta R.T. -0.05 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tgt Ion:162 Resp: 423677
 Ion Ratio Lower Upper
 162 100
 164 64.9 46.8 86.8
 98 39.1 9.1 49.1

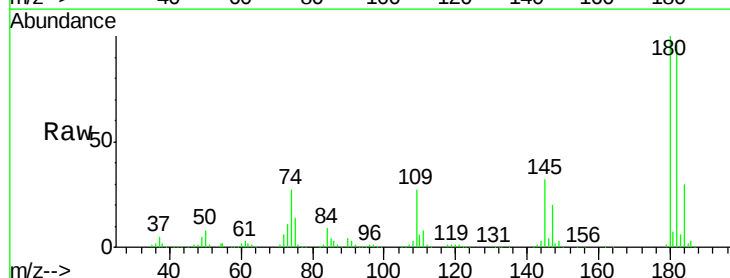


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

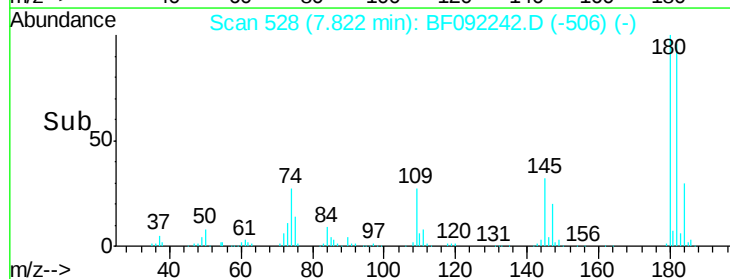
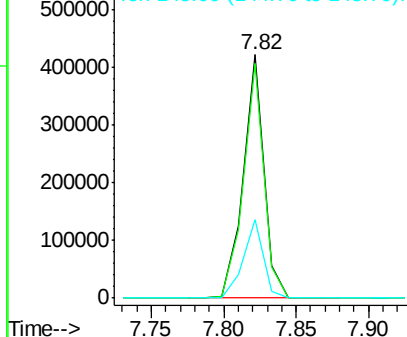


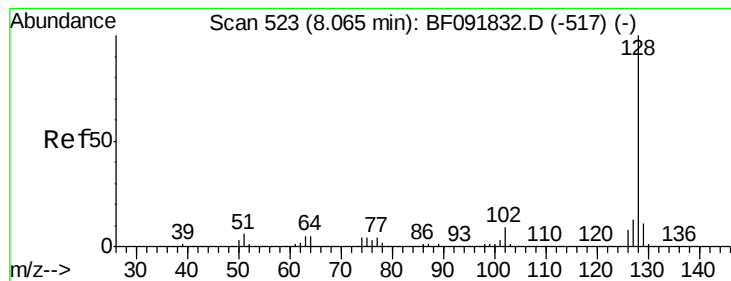
#30
 1,2,4-Trichlorobenzene
 Concen: 35.48 ng
 RT: 7.82 min Scan# 528
 Delta R.T. -0.05 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Tgt Ion:180 Resp: 415807
 Ion Ratio Lower Upper
 180 100
 182 96.2 78.2 117.4
 145 32.1 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: 41.69 ng

RT: 7.90 min Scan# 535

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

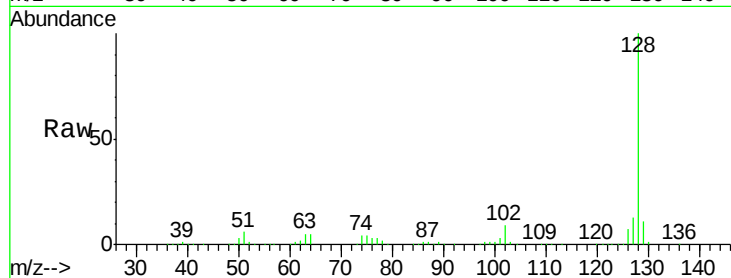
Tgt Ion:128 Resp: 1538036

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

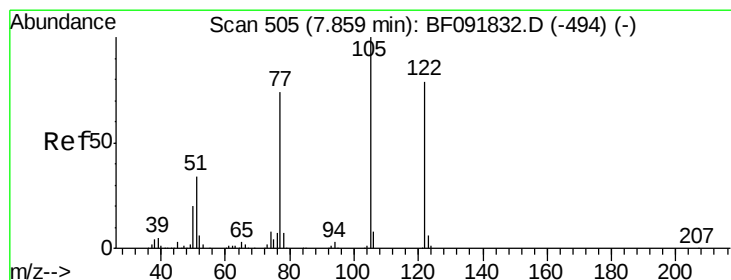
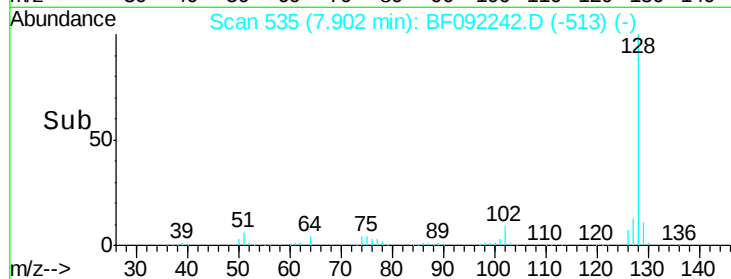
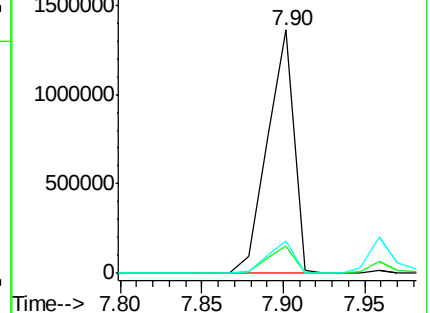
127 13.1 10.8 16.2



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: 2.59 ng

RT: 7.66 min Scan# 514

Delta R.T. -0.09 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

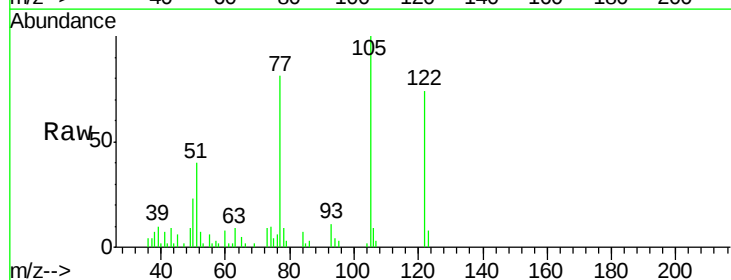
Tgt Ion:122 Resp: 24259

Ion Ratio Lower Upper

122 100

105 134.8 107.2 147.2

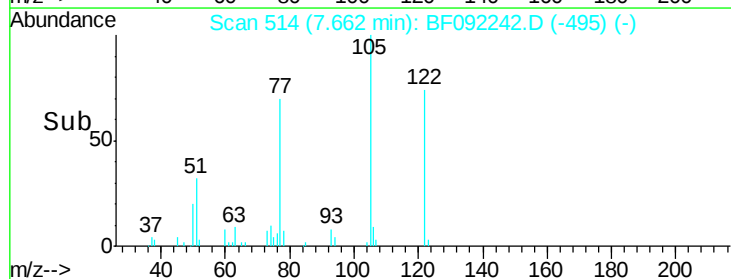
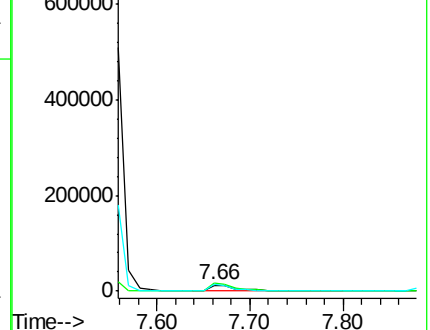
77 109.4 74.5 114.5



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

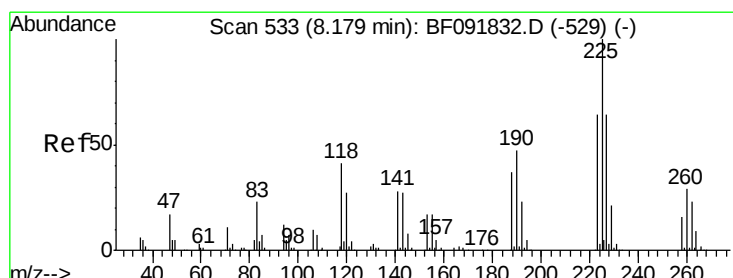
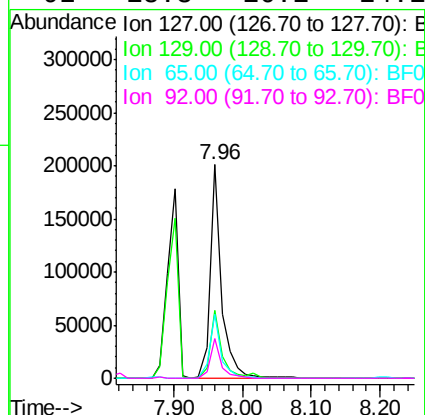
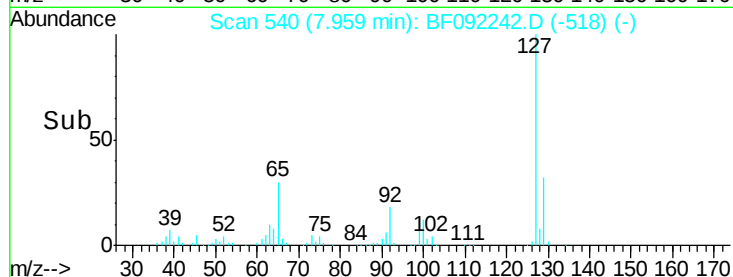
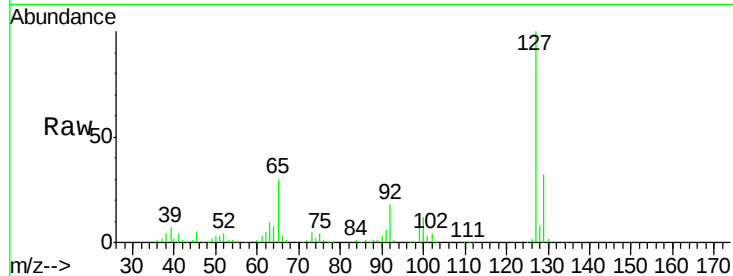




#33
4-Chloroaniline
Concen: 14.05 ng
RT: 7.96 min Scan# 540
Delta R.T. -0.05 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

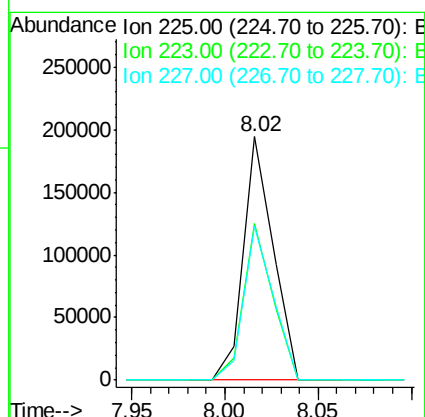
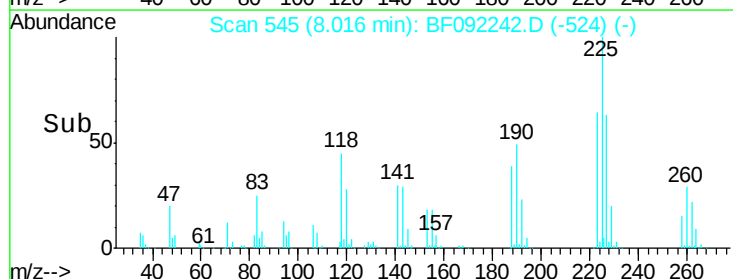
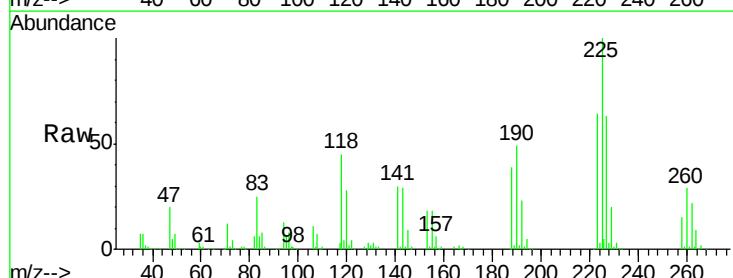
Instrument :
BNA_F
ClientSampleId :
SW-001MS

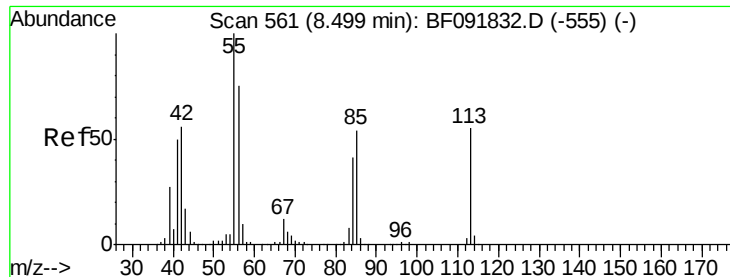
Tgt Ion:	127	Resp:	233743
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	30.0	25.8	38.8
92	18.3	16.1	24.1



#34
Hexachlorobutadiene
Concen: 34.87 ng
RT: 8.02 min Scan# 545
Delta R.T. -0.07 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion:	225	Resp:	215696
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.6
227	63.1	50.6	76.0





#35

Caprolactam

Concen: 32.86 ng

RT: 8.34 min Scan# 573

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

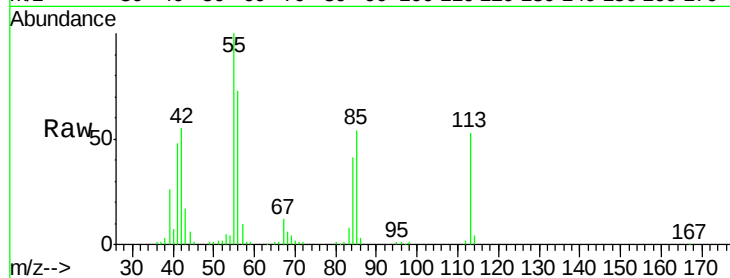
Tgt Ion:113 Resp: 115486

Ion Ratio Lower Upper

113 100

55 187.8 119.2 159.2#

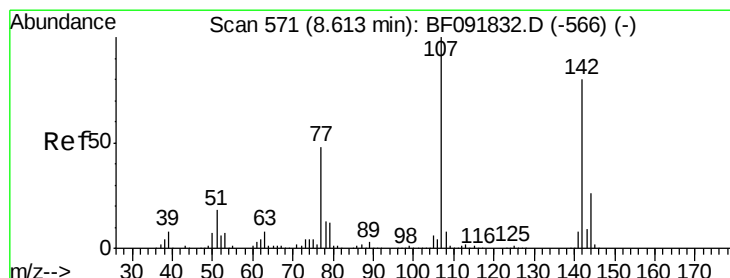
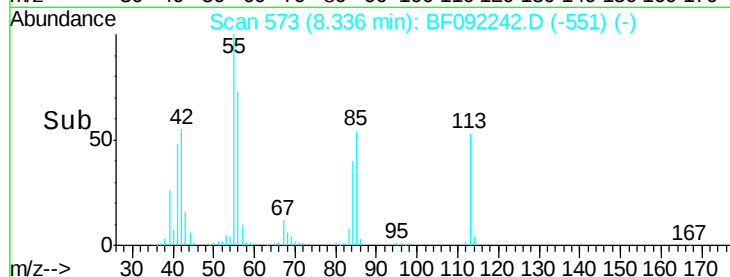
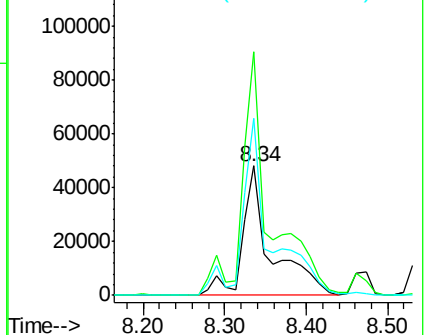
56 136.6 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.32 ng

RT: 8.47 min Scan# 585

Delta R.T. -0.03 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

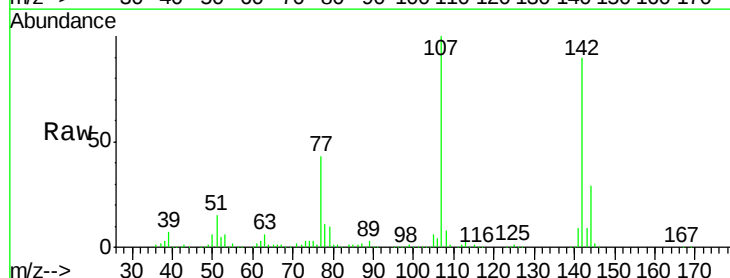
Tgt Ion:107 Resp: 447014

Ion Ratio Lower Upper

107 100

144 28.6 19.3 28.9

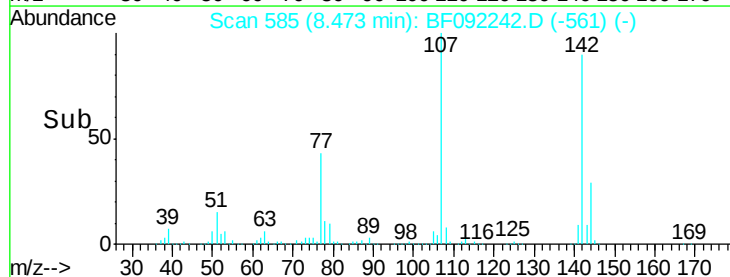
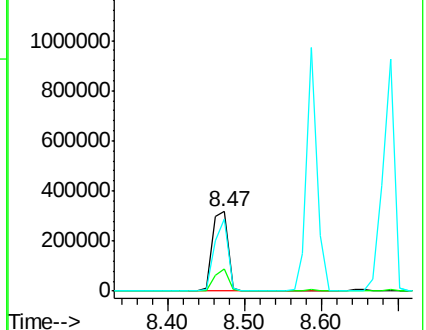
142 90.3 59.0 88.6#

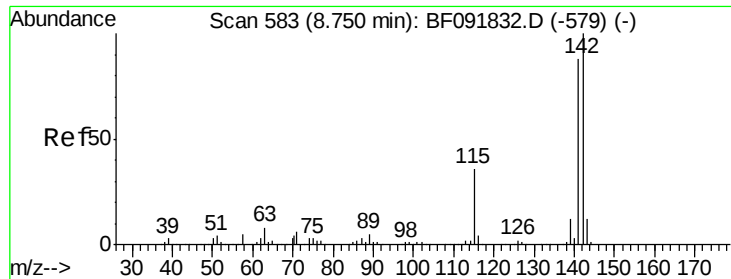


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

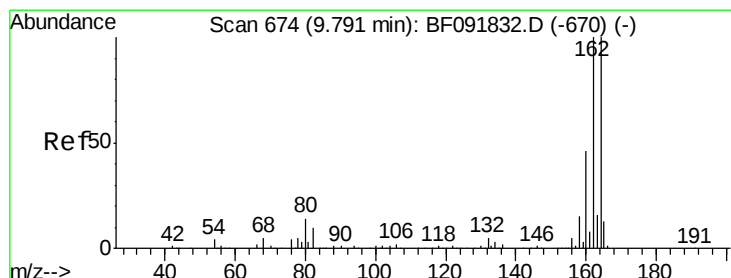
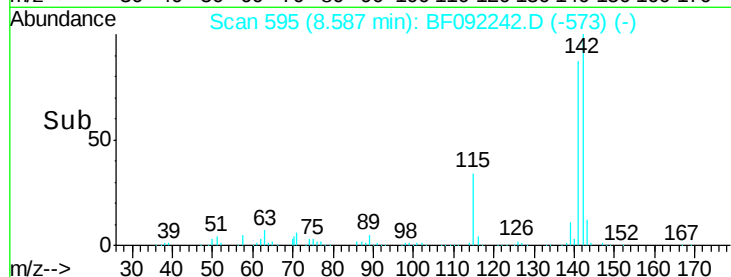
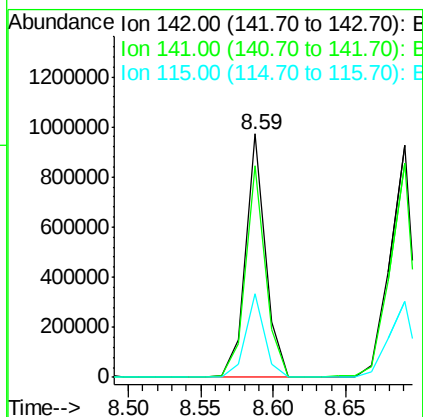
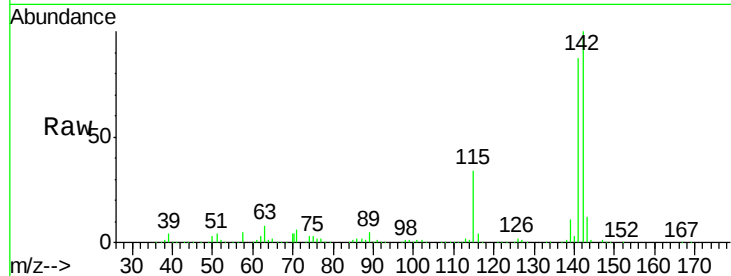




#37
2-Methylnaphthalene
Concen: 39.82 ng
RT: 8.59 min Scan# 595
Delta R.T. -0.05 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

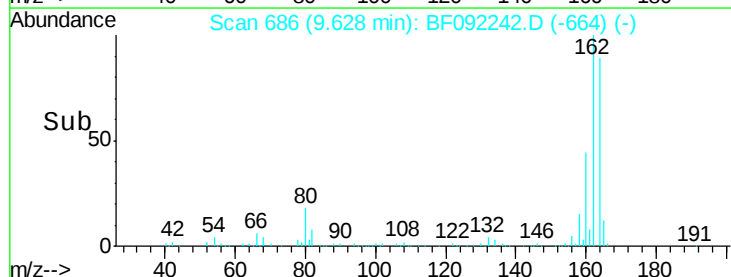
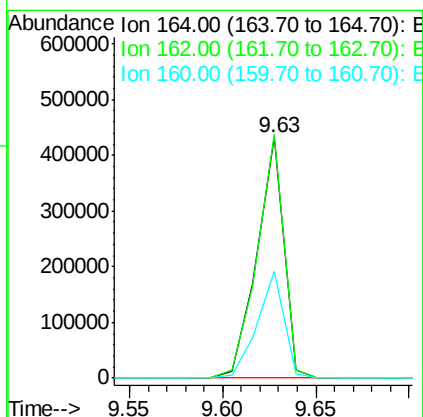
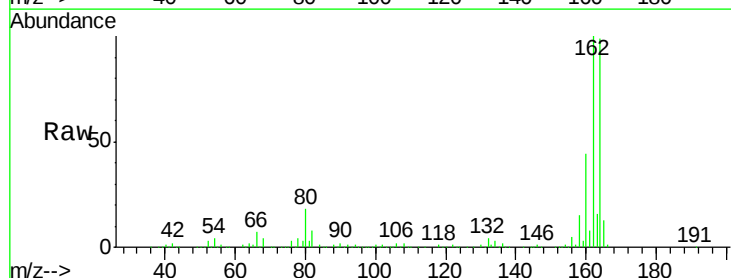
Instrument :
BNA_F
ClientSampleId :
SW-001MS

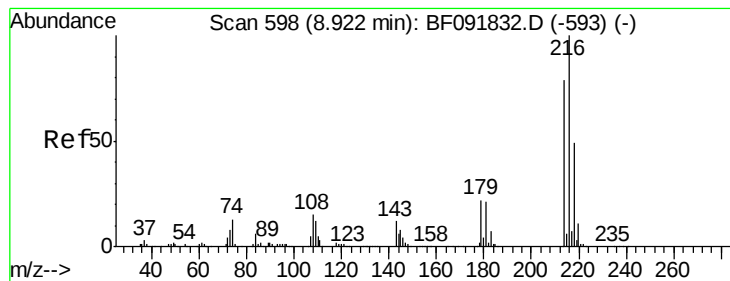
Tgt Ion:142 Resp: 927680
Ion Ratio Lower Upper
142 100
141 87.2 71.0 106.6
115 34.4 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 686
Delta R.T. -0.05 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion:164 Resp: 430025
Ion Ratio Lower Upper
164 100
162 101.3 80.2 120.2
160 44.4 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.08 ng

RT: 8.76 min Scan# 610

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

Tgt Ion:216 Resp: 435459

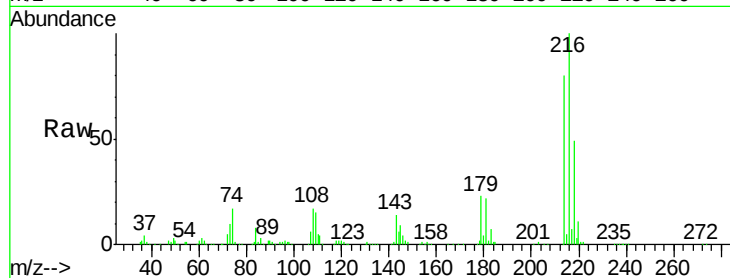
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.0

179 22.6 17.4 26.2

108 20.3 15.6 23.4

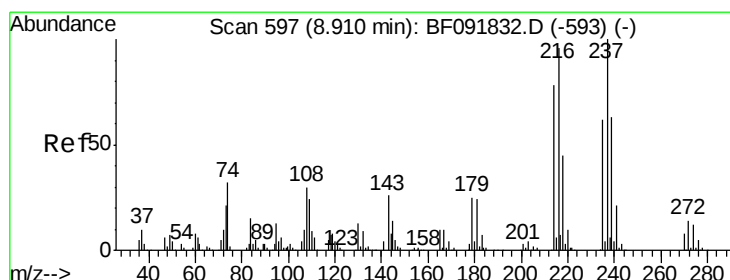
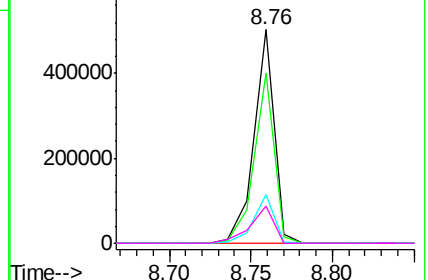
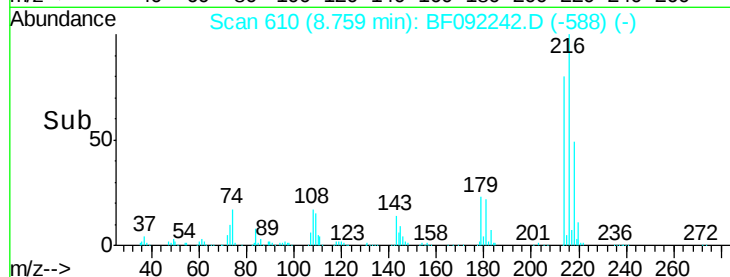


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.84 ng

RT: 8.75 min Scan# 609

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

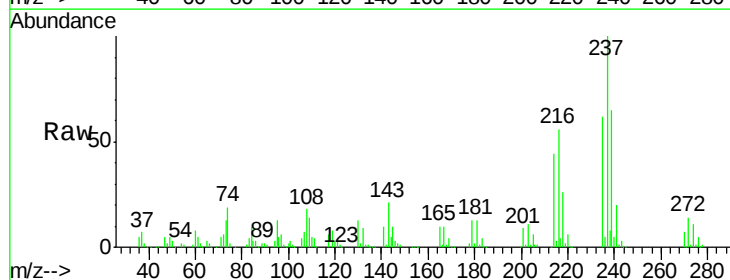
Tgt Ion:237 Resp: 187685

Ion Ratio Lower Upper

237 100

235 62.0 41.2 81.2

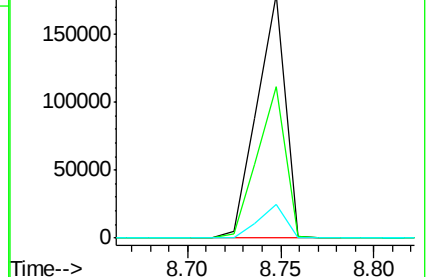
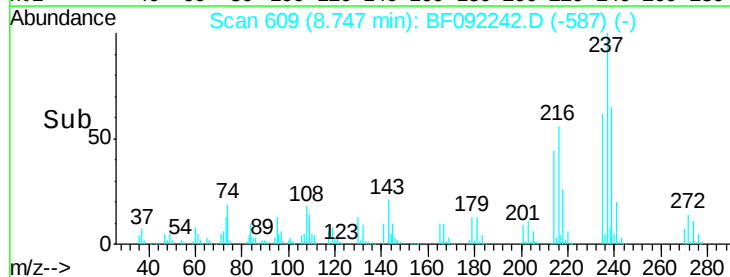
272 14.0 0.0 35.4

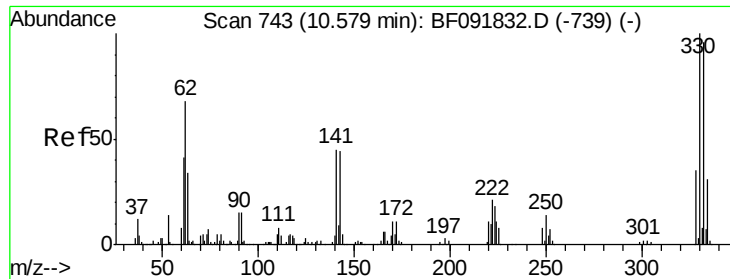


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

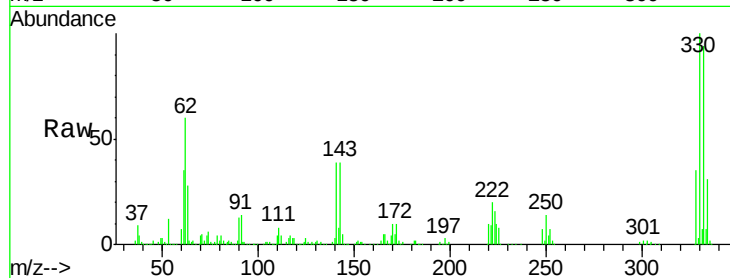




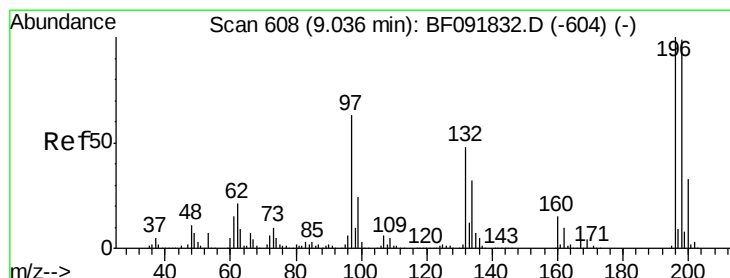
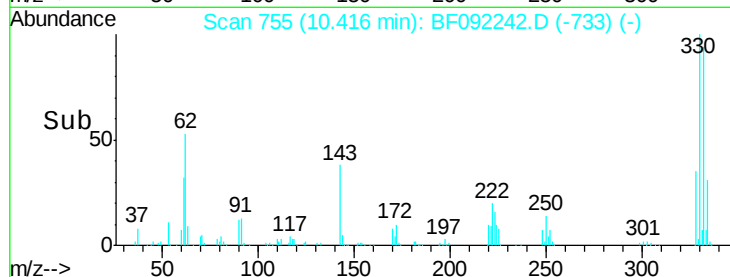
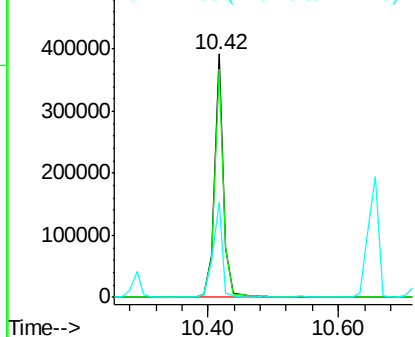
#41
 2,4,6-Tribromophenol
 Concen: 109.67 ng
 RT: 10.42 min Scan# 755
 Delta R.T. -0.05 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tgt Ion:330 Resp: 390299
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.4 116.2
 141 40.1 34.1 51.1

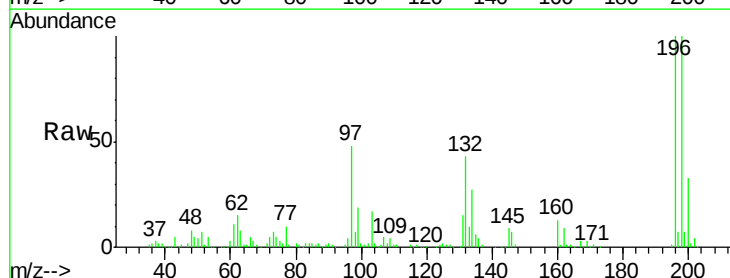


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

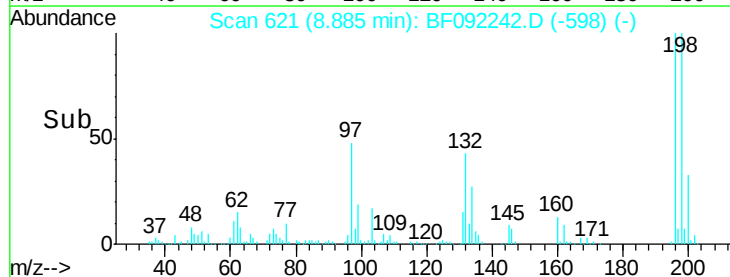
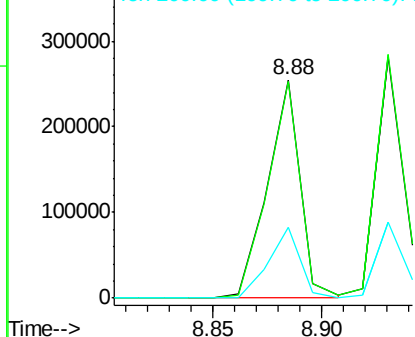


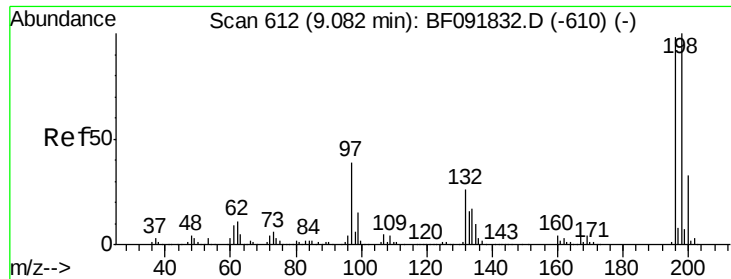
#42
 2,4,6-Trichlorophenol
 Concen: 35.15 ng
 RT: 8.88 min Scan# 621
 Delta R.T. -0.04 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Tgt Ion:196 Resp: 267042
 Ion Ratio Lower Upper
 196 100
 198 99.6 82.1 123.1
 200 32.5 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

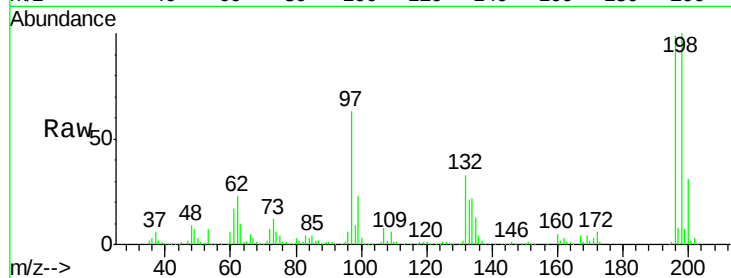




#43
 2,4,5-Trichlorophenol
 Concen: 32.21 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.04 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tgt Ion	Resp	Lower	Upper
196	100		
198	100.9	79.4	119.2
97	63.7	51.5	77.3
132	33.1	27.4	41.2



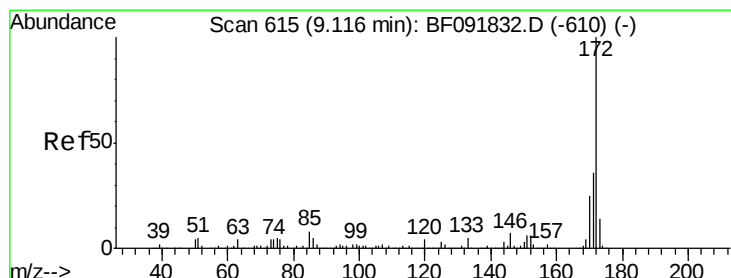
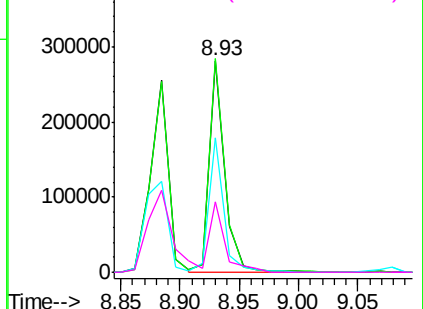
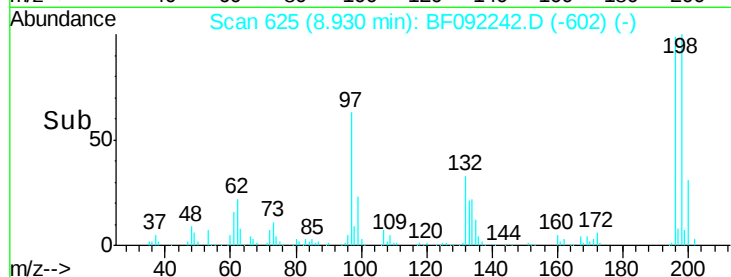
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

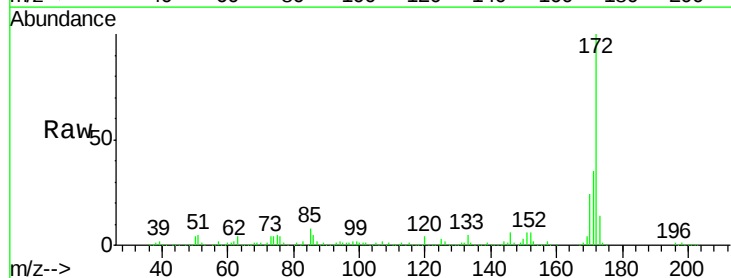
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.90 ng
 RT: 8.95 min Scan# 627
 Delta R.T. -0.05 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	23.5	20.2	30.4

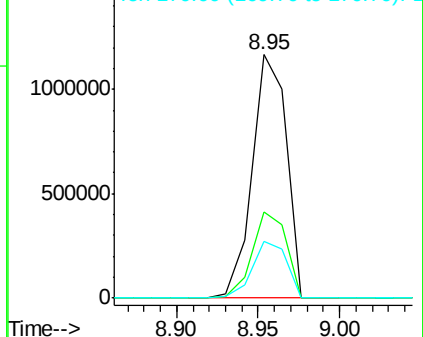
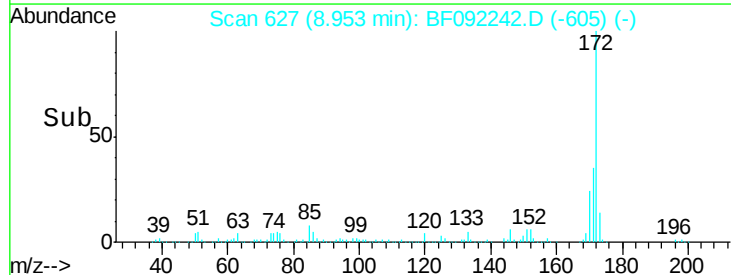


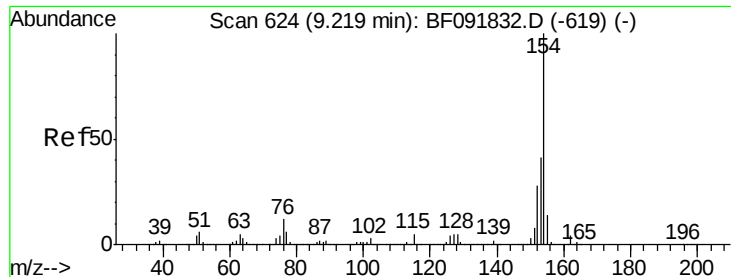
Abundance

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

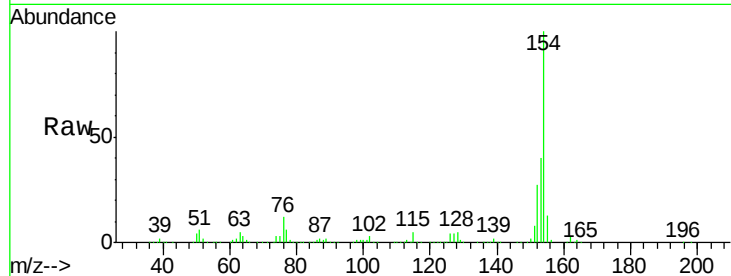




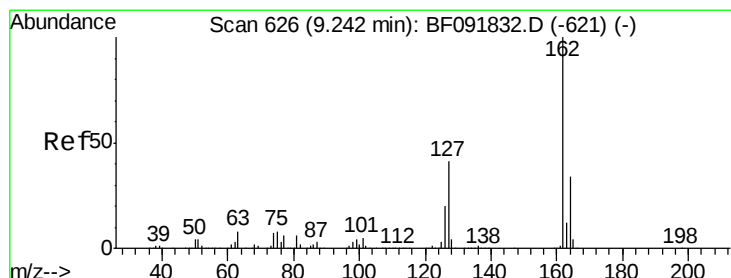
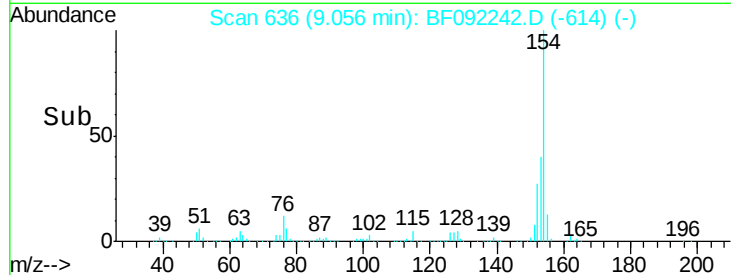
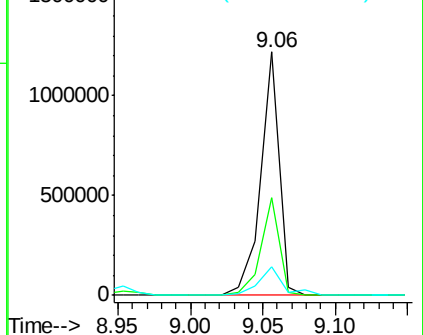
#45
 1,1'-Biphenyl
 Concen: 36.55 ng
 RT: 9.06 min Scan# 636
 Delta R.T. -0.05 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tgt Ion:154 Resp: 1076129
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.9 60.9
 76 12.0 0.0 30.5

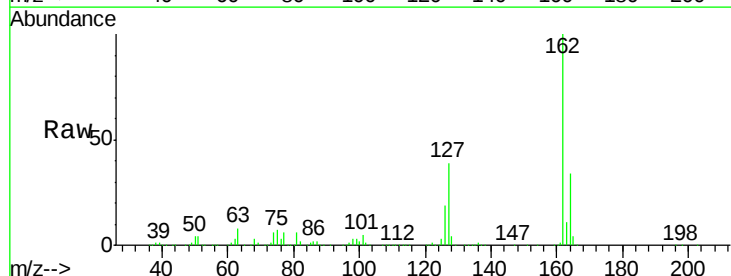


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

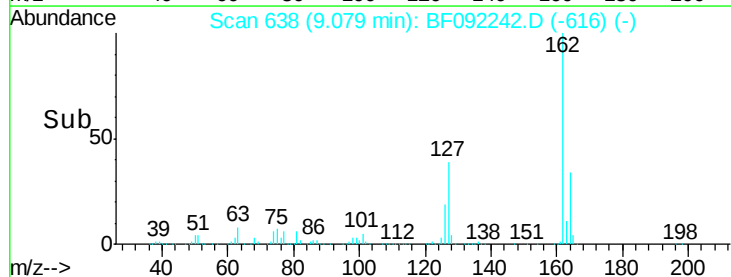
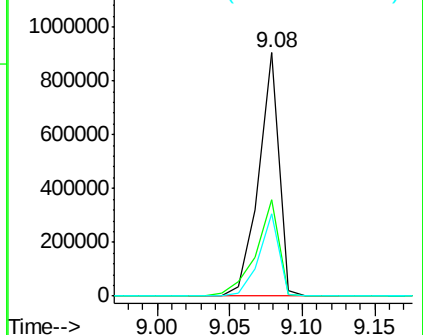


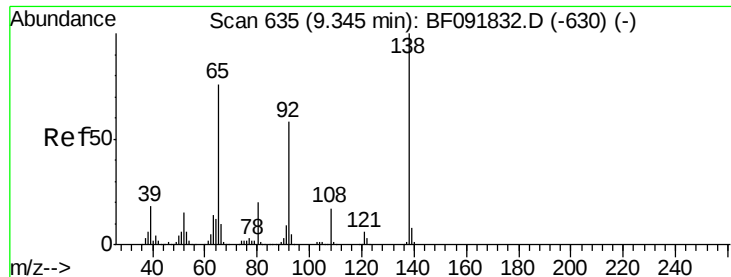
#46
 2-Chloronaphthalene
 Concen: 37.73 ng
 RT: 9.08 min Scan# 638
 Delta R.T. -0.05 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Tgt Ion:162 Resp: 879784
 Ion Ratio Lower Upper
 162 100
 127 39.4 30.7 46.1
 164 33.8 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

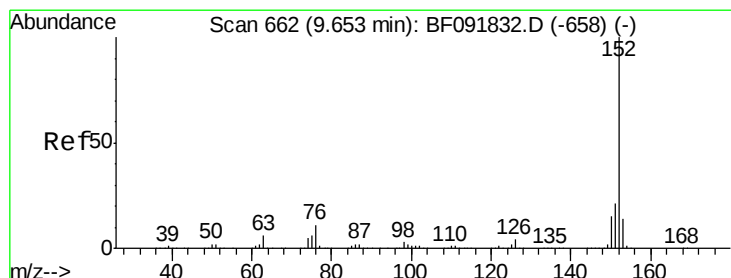
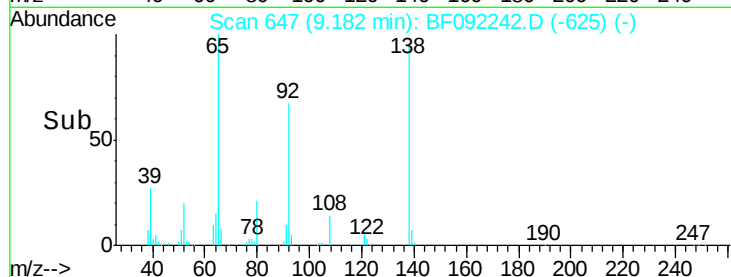
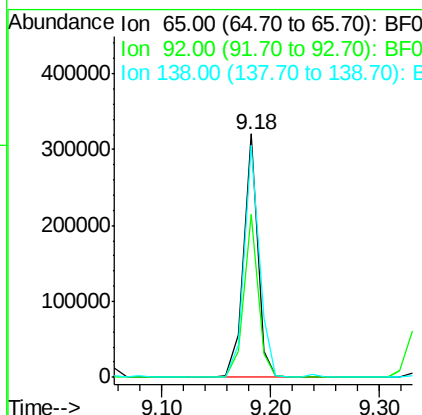
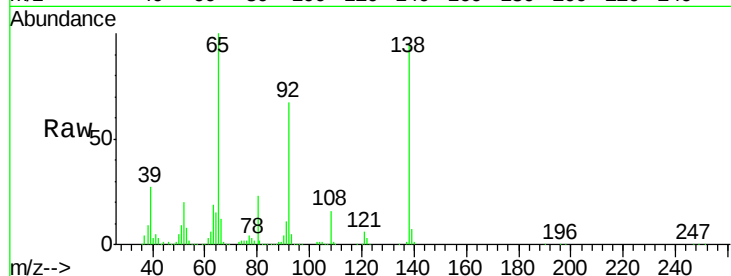




#47
 2-Nitroaniline
 Concen: 34.51 ng
 RT: 9.18 min Scan# 647
 Delta R.T. -0.05 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

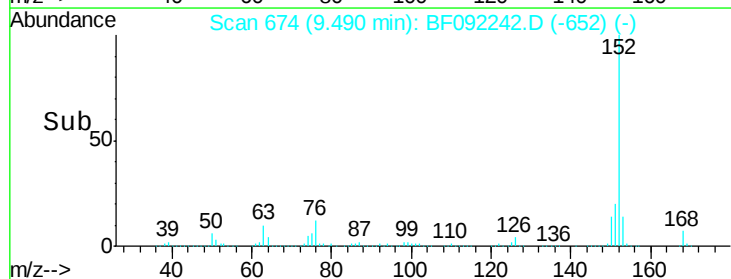
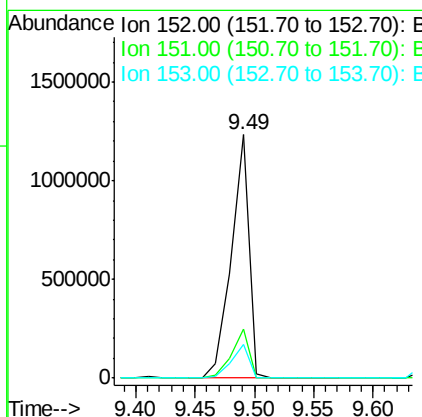
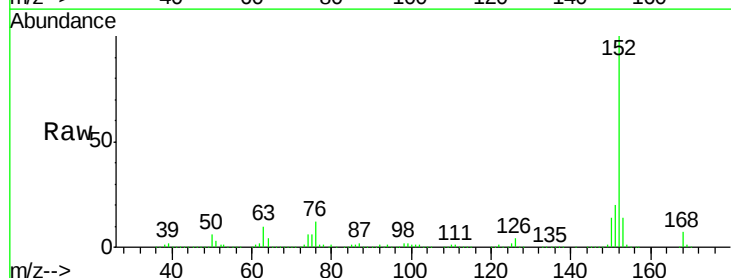
Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

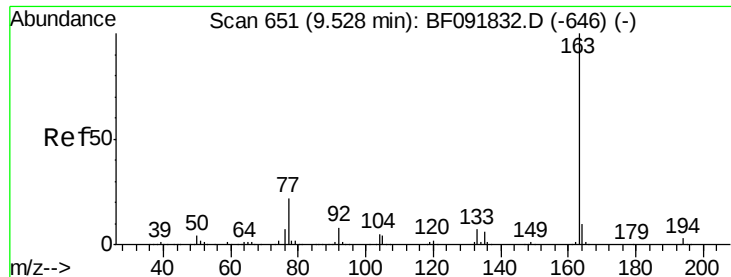
Tgt Ion: 65 Resp: 286487
 Ion Ratio Lower Upper
 65 100
 92 66.9 53.9 80.9
 138 95.2 76.8 115.2



#48
 Acenaphthylene
 Concen: 35.51 ng
 RT: 9.49 min Scan# 674
 Delta R.T. -0.05 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Tgt Ion: 152 Resp: 1273276
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.9 25.3
 153 13.7 11.4 17.2





#49

Dimethylphthalate

Concen: 45.62 ng

RT: 9.36 min Scan# 663

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

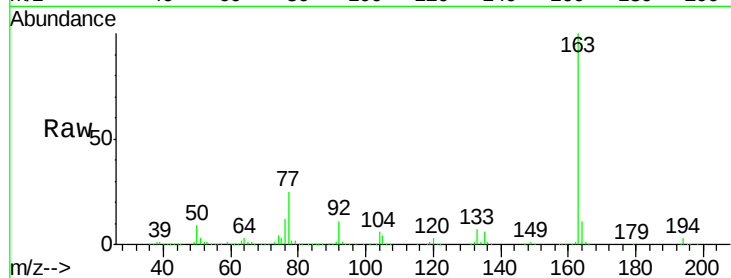
Tgt Ion:163 Resp: 1254776

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

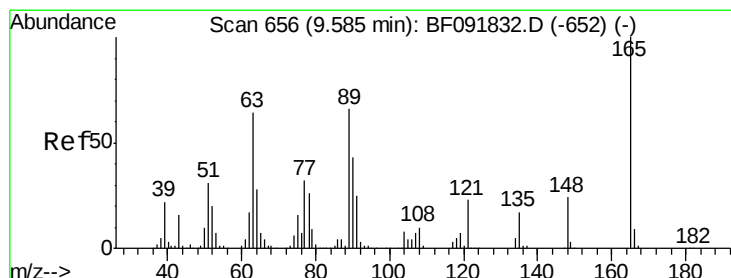
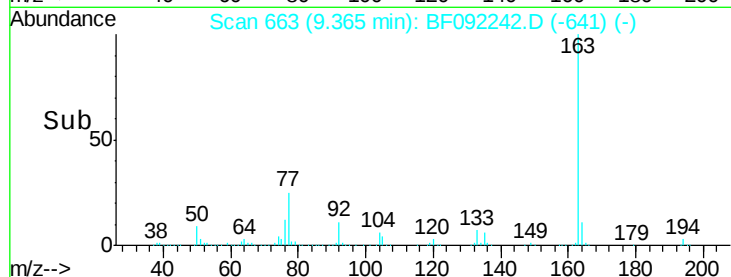
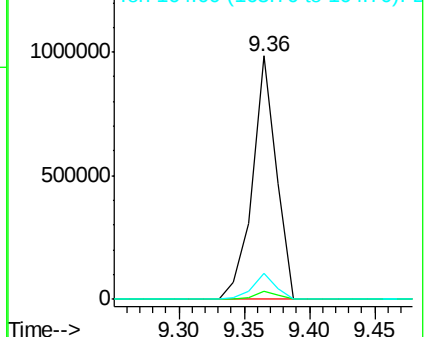
164 10.7 8.0 12.0



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: 35.65 ng

RT: 9.43 min Scan# 669

Delta R.T. -0.04 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

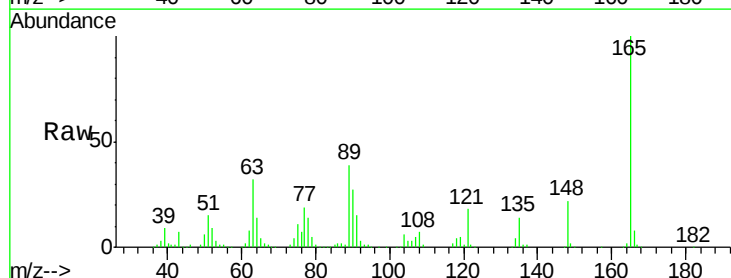
Tgt Ion:165 Resp: 214581

Ion Ratio Lower Upper

165 100

63 32.0 36.2 54.4#

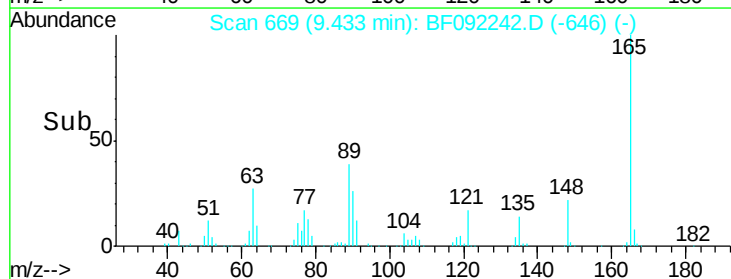
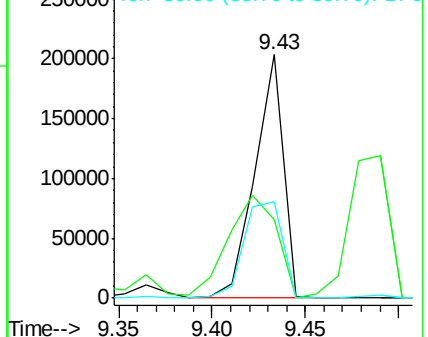
89 39.5 40.2 60.4#

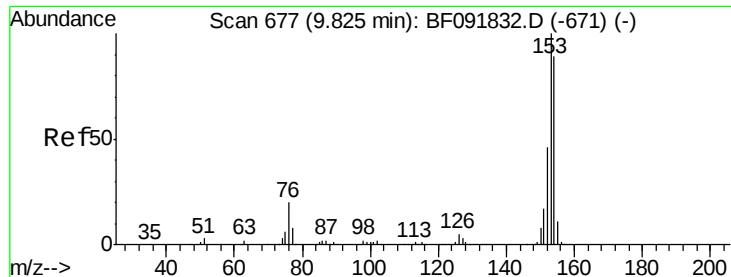


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.28 ng

RT: 9.66 min Scan# 689

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

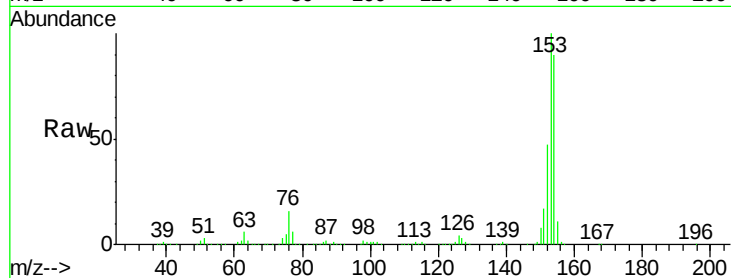
Tgt Ion:154 Resp: 930595

Ion Ratio Lower Upper

154 100

153 111.2 88.6 133.0

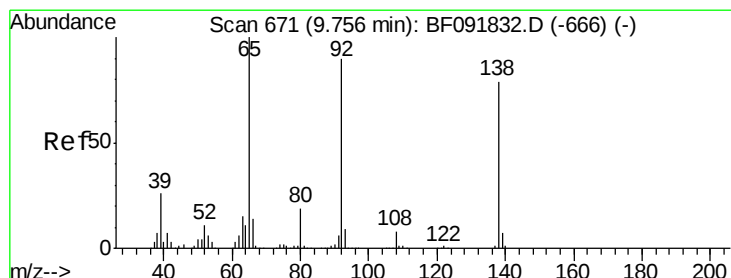
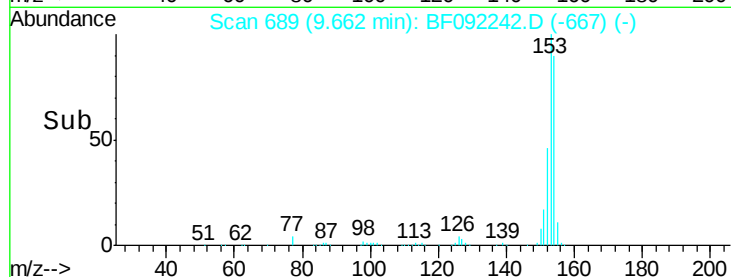
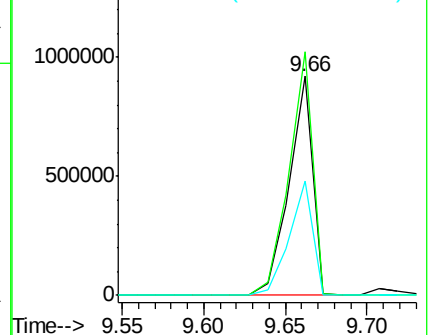
152 51.9 41.6 62.4



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: 21.13 ng

RT: 9.59 min Scan# 683

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

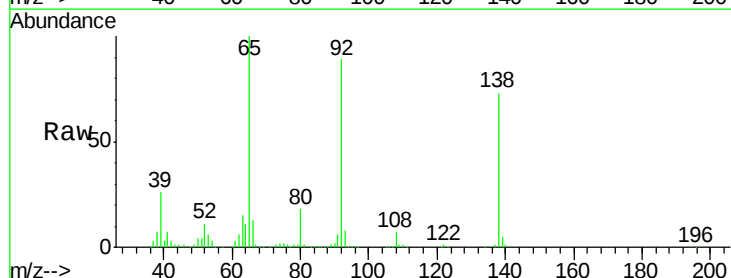
Tgt Ion:138 Resp: 157406

Ion Ratio Lower Upper

138 100

108 10.2 8.5 12.7

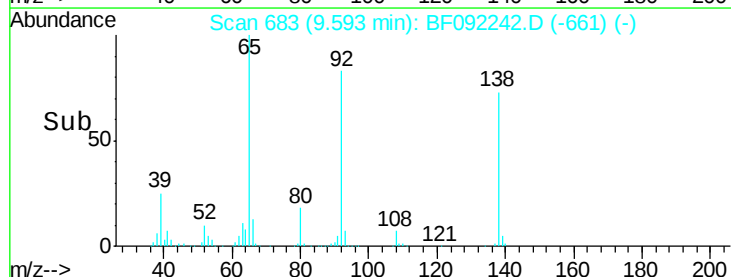
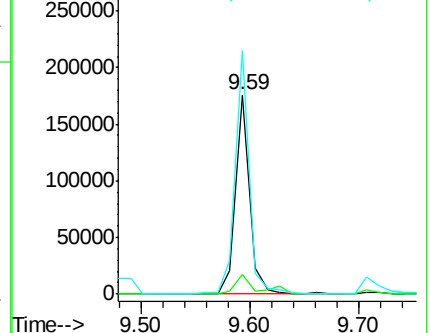
92 122.3 97.8 146.8

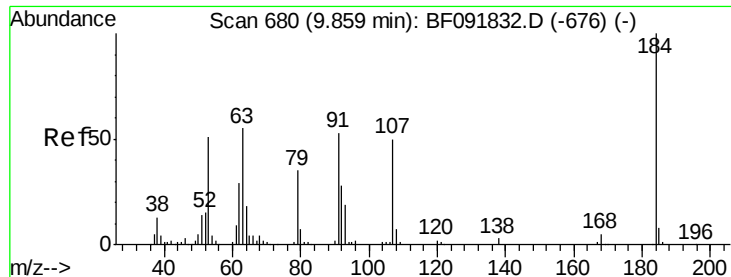


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

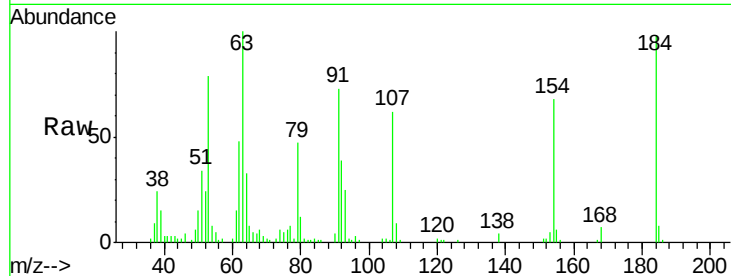




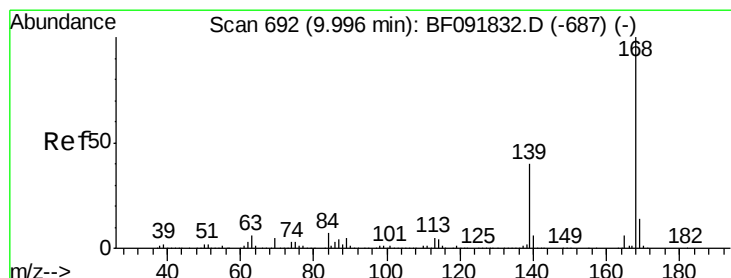
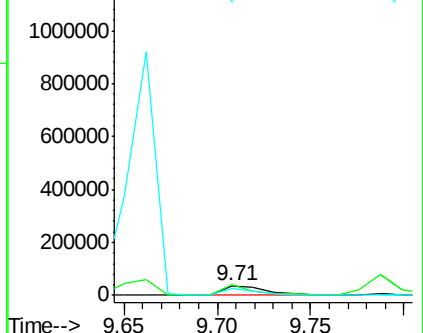
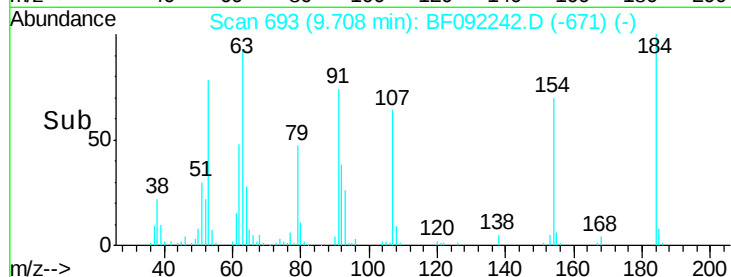
#53
 2,4-Dinitrophenol
 Concen: 19.22 ng
 RT: 9.71 min Scan# 693
 Delta R.T. -0.05 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tgt Ion:184 Resp: 64367
 Ion Ratio Lower Upper
 184 100
 63 102.2 28.4 42.6#
 154 69.6 44.3 66.5#

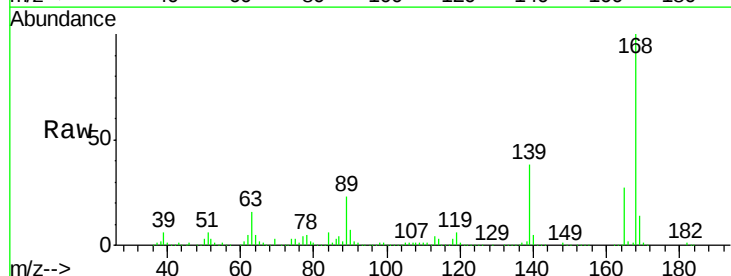


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

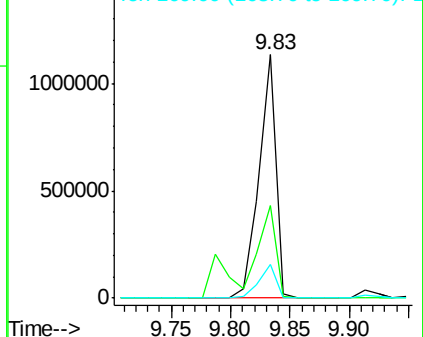
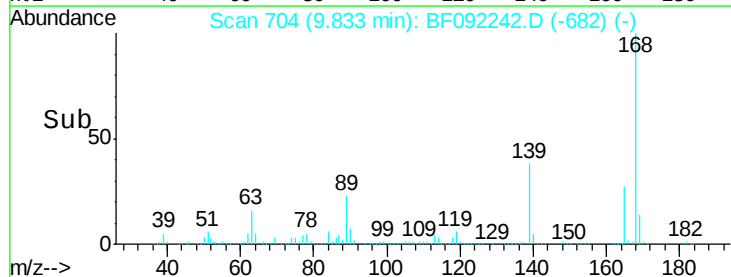


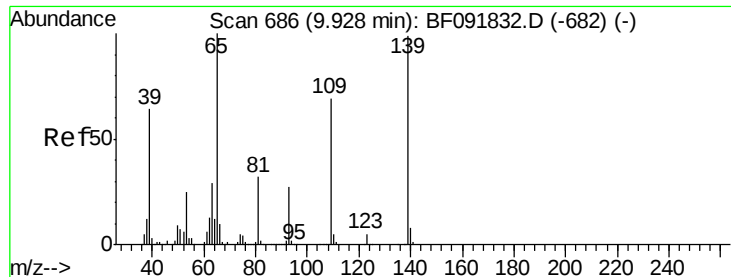
#54
 Dibenzofuran
 Concen: 34.51 ng
 RT: 9.83 min Scan# 704
 Delta R.T. -0.05 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Tgt Ion:168 Resp: 1132911
 Ion Ratio Lower Upper
 168 100
 139 38.0 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

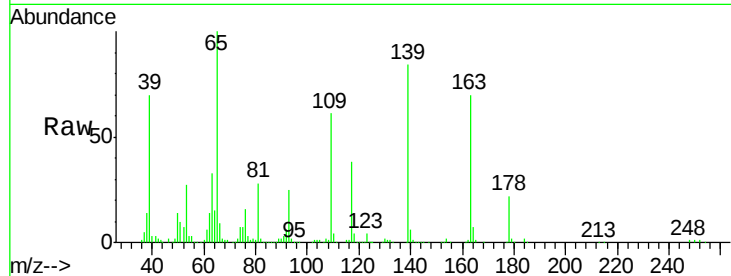




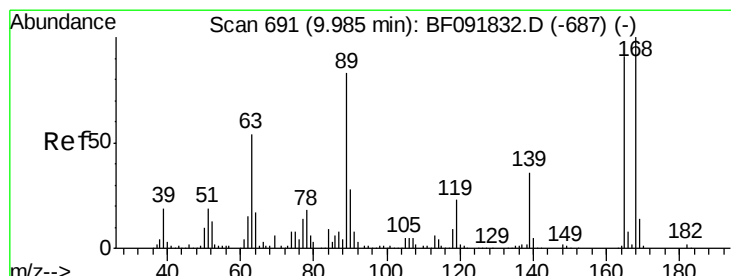
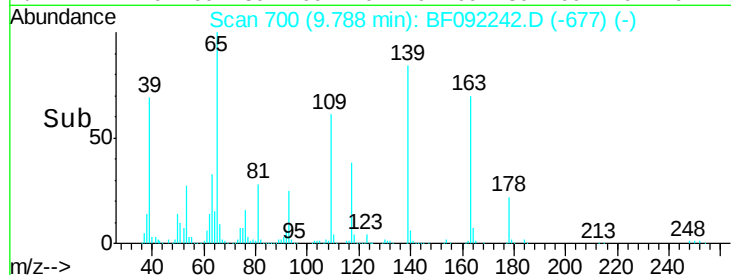
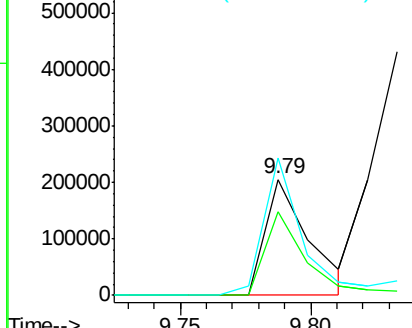
#55
4-Nitrophenol
Concen: 47.42 ng
RT: 9.79 min Scan# 700
Delta R.T. -0.04 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tgt Ion:139 Resp: 239876
Ion Ratio Lower Upper
139 100
109 72.6 52.2 92.2
65 119.0 85.8 125.8

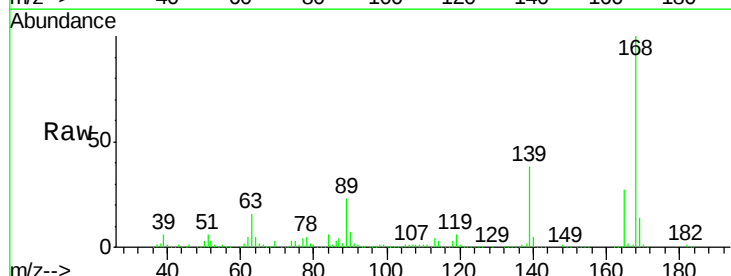


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

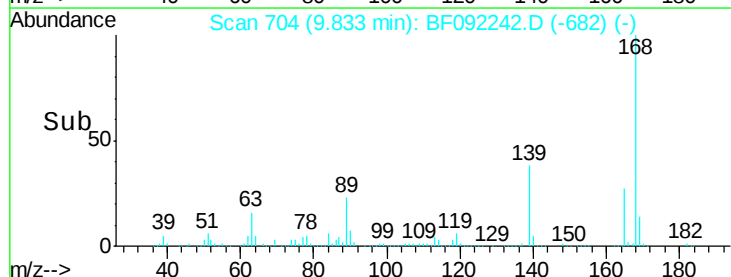
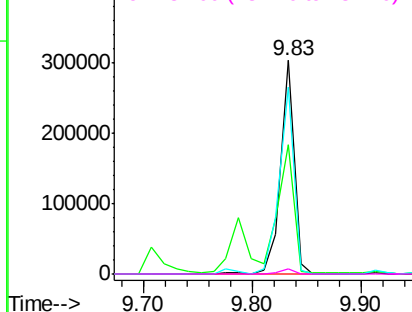


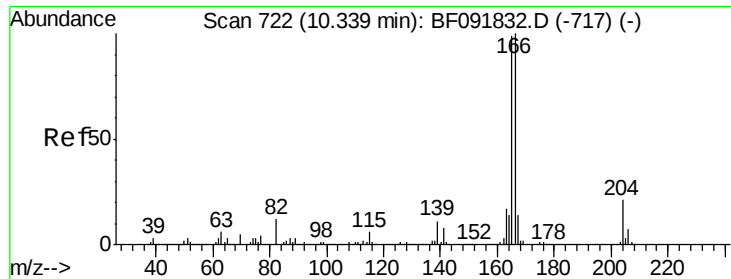
#56
2,4-Dinitrotoluene
Concen: 34.75 ng
RT: 9.83 min Scan# 704
Delta R.T. -0.05 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion:165 Resp: 262583
Ion Ratio Lower Upper
165 100
63 60.3 40.2 60.4
89 87.6 62.5 93.7
182 2.2 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

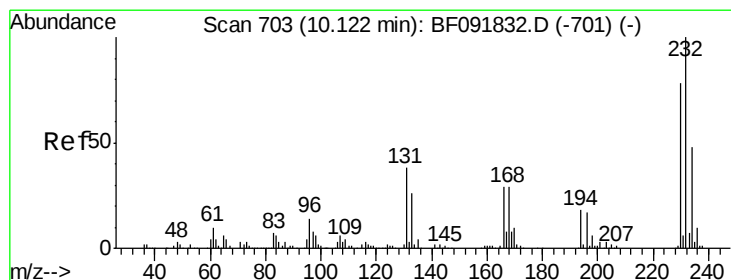
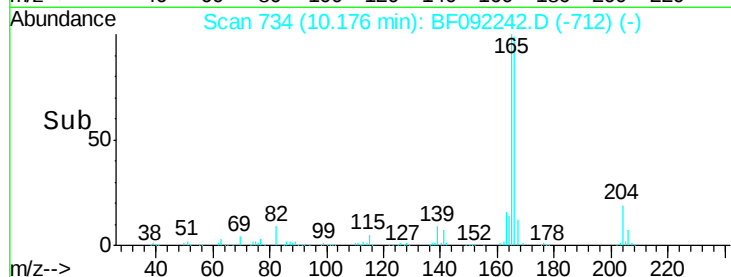
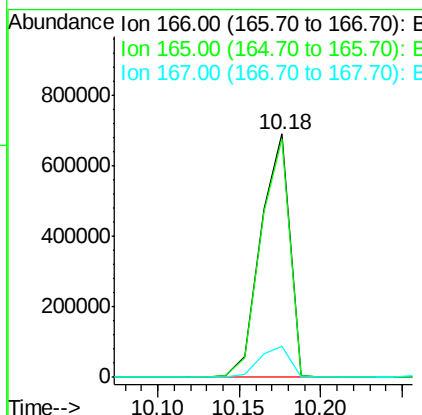
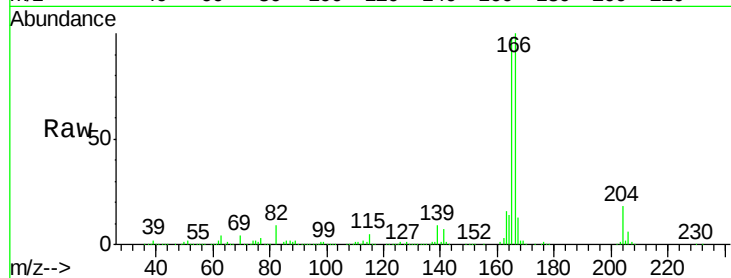




#57
Fluorene
 Concen: 35.32 ng
 RT: 10.18 min Scan# 734
 Delta R.T. -0.05 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

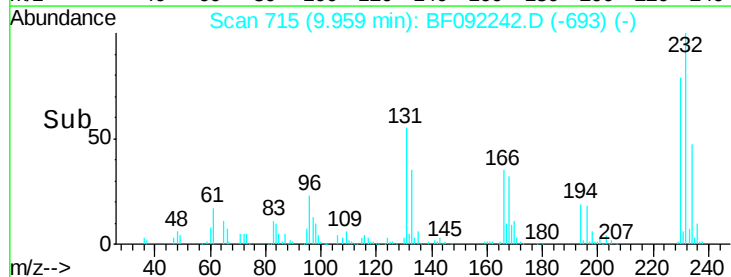
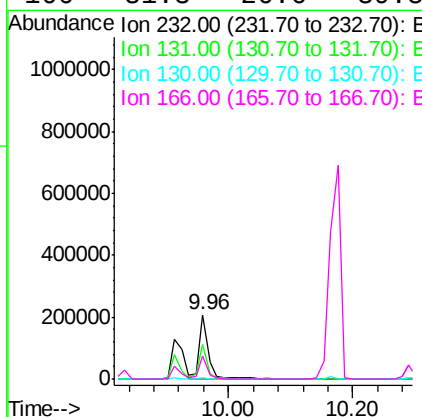
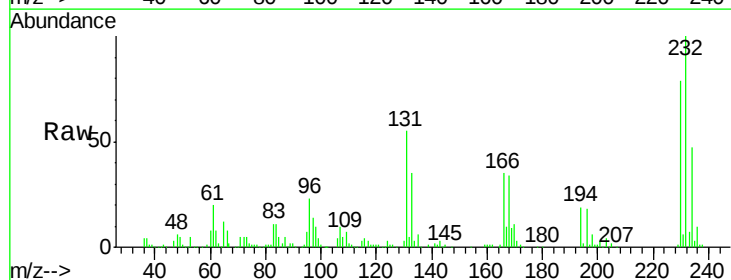
Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

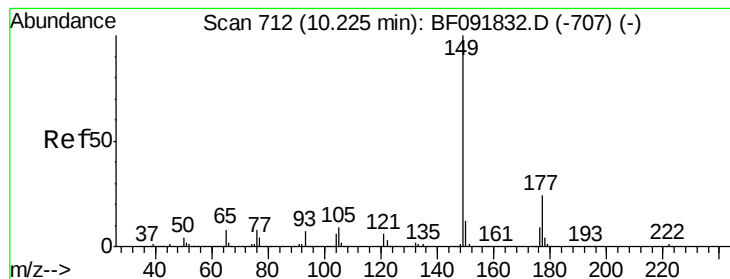
Tgt Ion:166 Resp: 843619
 Ion Ratio Lower Upper
 166 100
 165 98.2 77.8 116.8
 167 13.0 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 34.67 ng
 RT: 9.96 min Scan# 715
 Delta R.T. -0.05 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Tgt Ion:232 Resp: 214443
 Ion Ratio Lower Upper
 232 100
 131 49.7 40.1 60.1
 130 2.2 1.8 2.8
 166 31.3 26.6 39.8





#59

Diethylphthalate

Concen: 36.38 ng

RT: 10.06 min Scan# 724

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampled :

SW-001MS

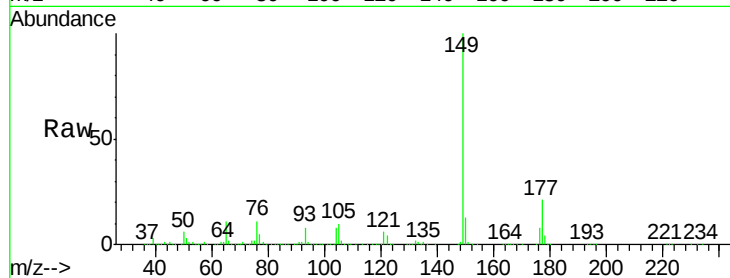
Tgt Ion:149 Resp: 971807

Ion Ratio Lower Upper

149 100

177 21.0 16.6 25.0

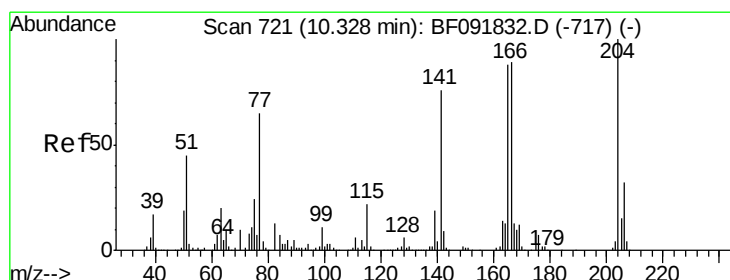
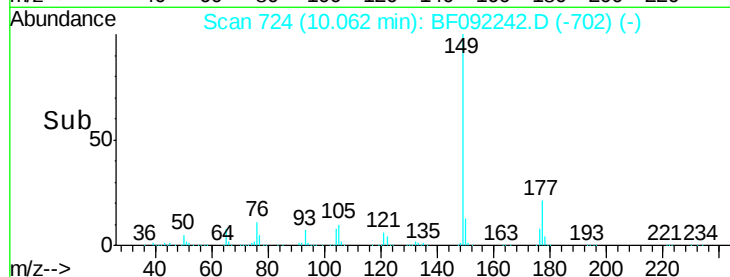
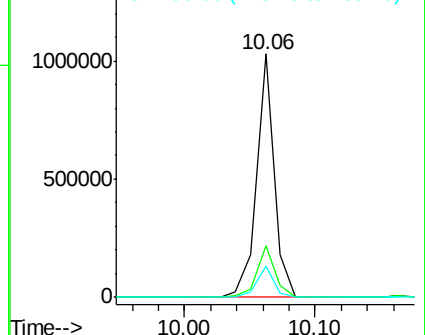
150 12.6 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 33.15 ng

RT: 10.16 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

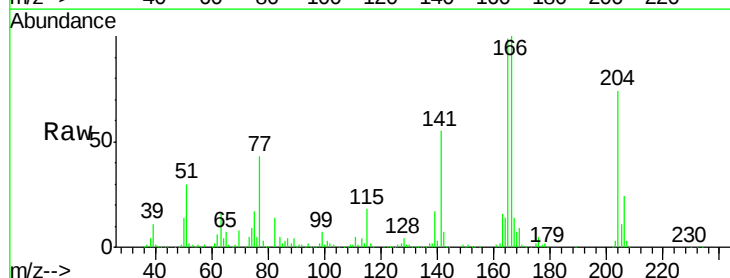
Tgt Ion:204 Resp: 346682

Ion Ratio Lower Upper

204 100

206 32.7 25.8 38.6

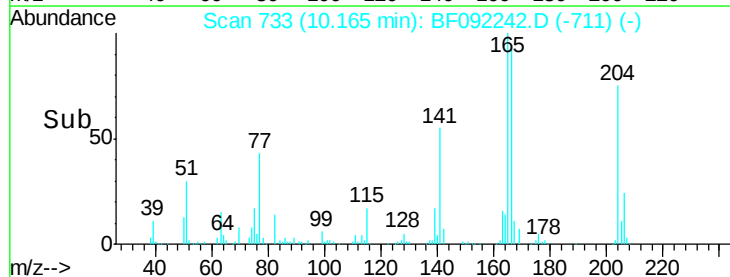
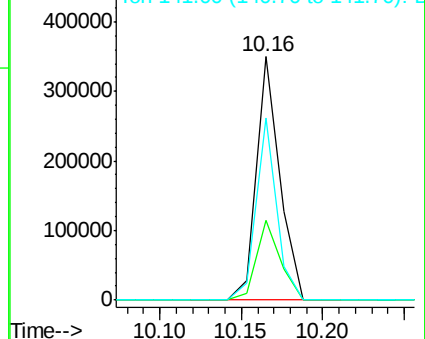
141 74.7 59.4 89.0

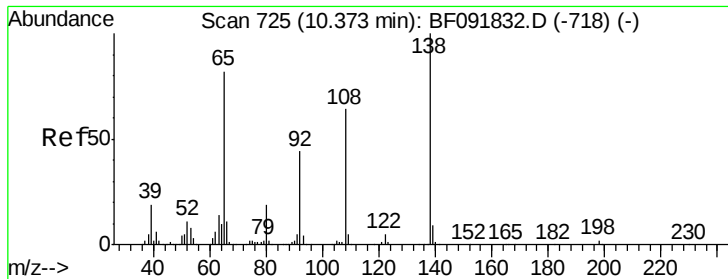


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

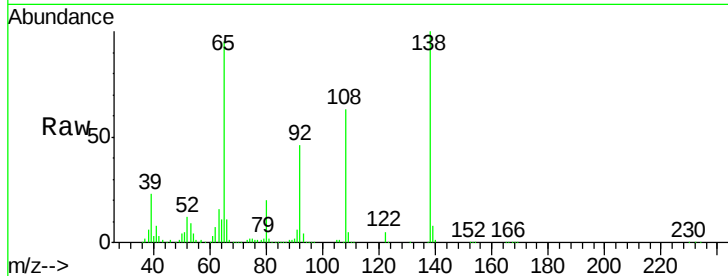




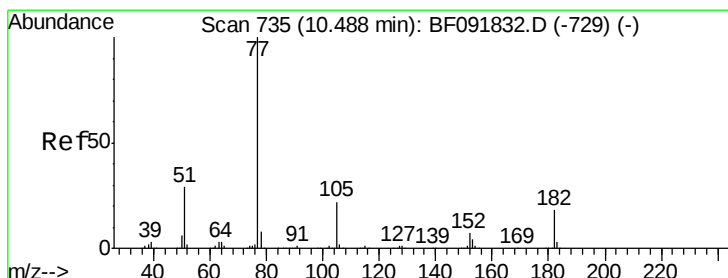
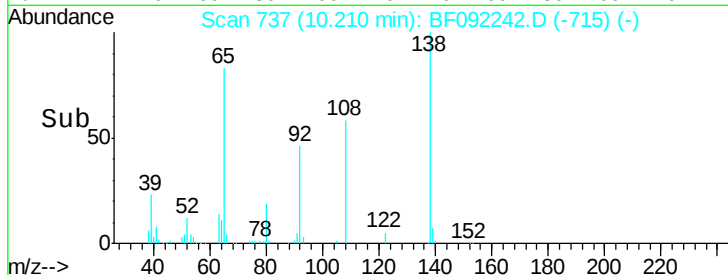
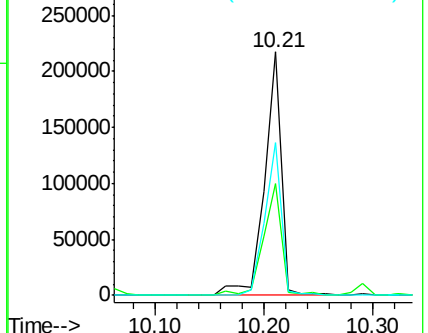
#61
4-Nitroaniline
Concen: 30.52 ng
RT: 10.21 min Scan# 737
Delta R.T. -0.05 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Instrument :
BNA_F
ClientSampled :
SW-001MS

Tgt Ion: 138 Resp: 235649
Ion Ratio Lower Upper
138 100
92 45.8 31.7 71.7
108 63.0 52.6 92.6

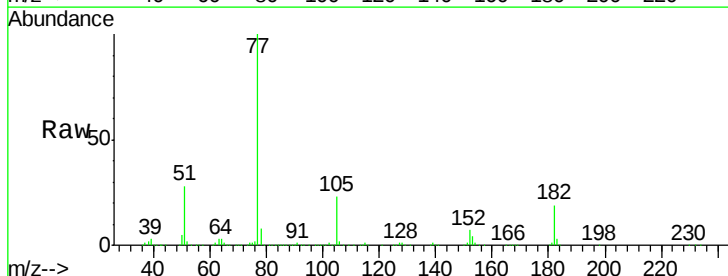


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

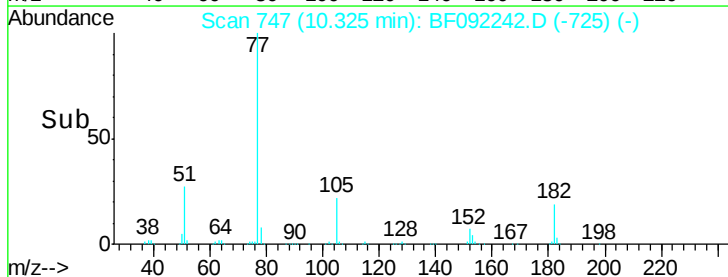
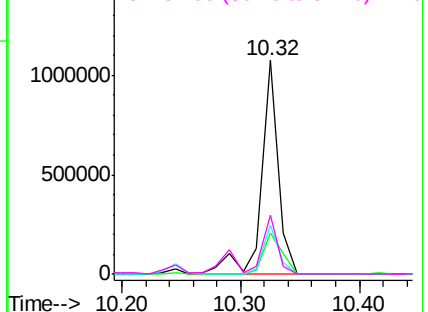


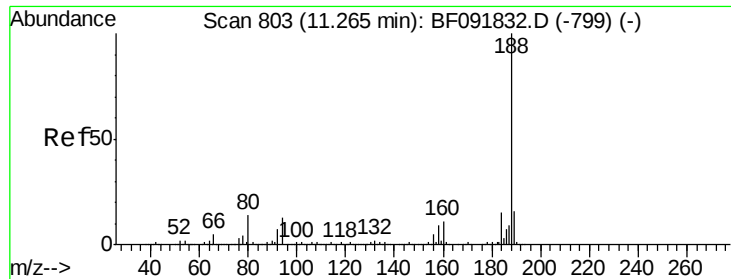
#62
Azobenzene
Concen: 36.30 ng
RT: 10.32 min Scan# 747
Delta R.T. -0.05 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion: 77 Resp: 1067523
Ion Ratio Lower Upper
77 100
182 19.0 0.0 39.3
105 22.6 2.3 42.3
51 27.6 8.9 48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 815

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

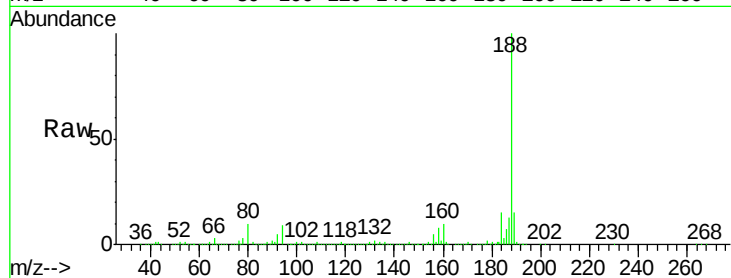
Tgt Ion:188 Resp: 523473

Ion Ratio Lower Upper

188 100

94 9.0 10.0 15.0#

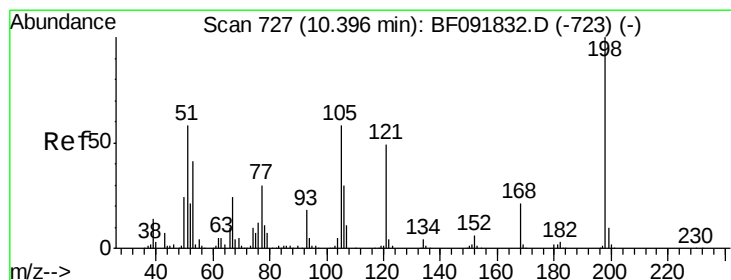
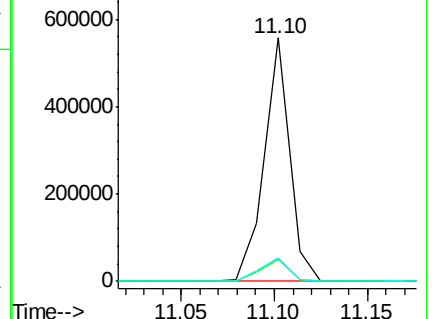
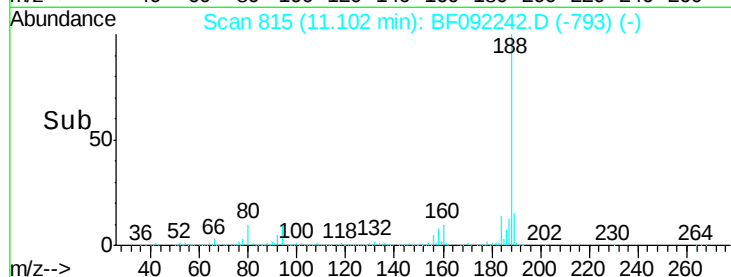
80 9.7 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 33.12 ng

RT: 10.24 min Scan# 740

Delta R.T. -0.04 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

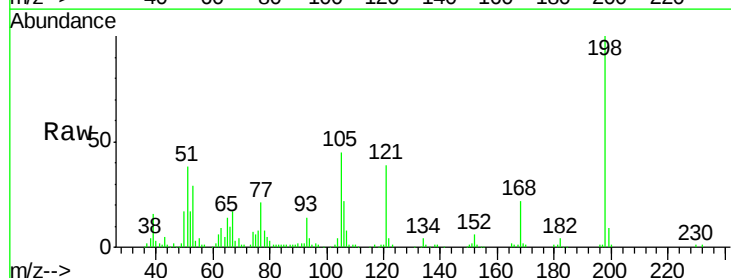
Tgt Ion:198 Resp: 104837

Ion Ratio Lower Upper

198 100

51 38.0 6.7 46.7

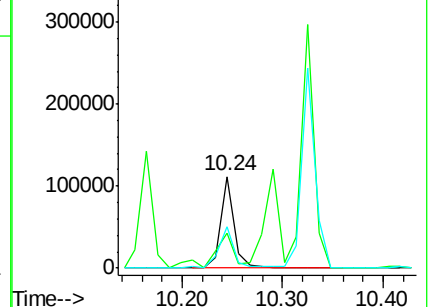
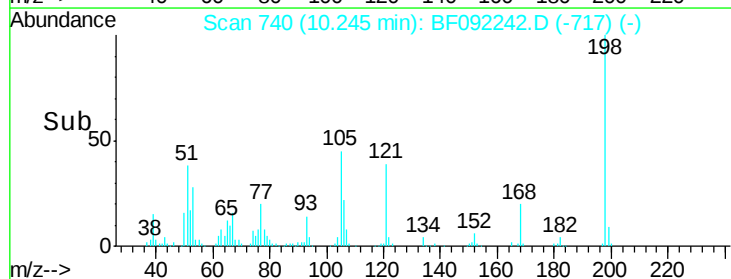
105 45.5 16.6 56.6

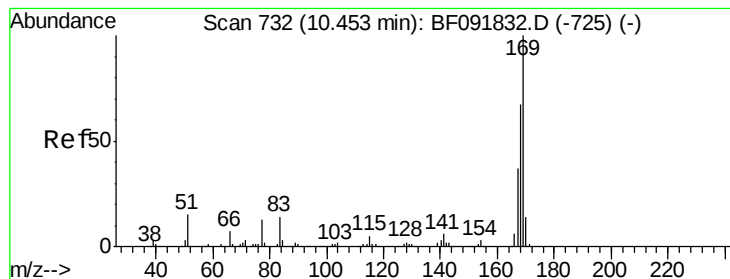


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.70 ng

RT: 10.29 min Scan# 744

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

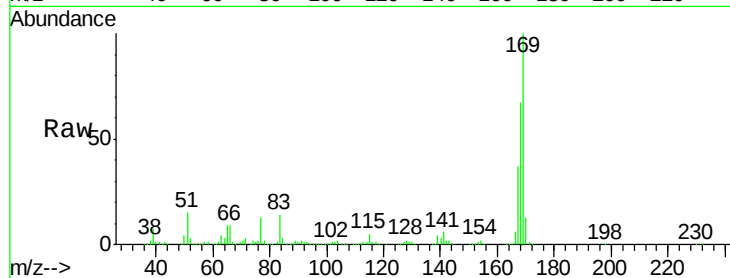
Tgt Ion:169 Resp: 725452

Ion Ratio Lower Upper

169 100

168 67.1 54.2 81.2

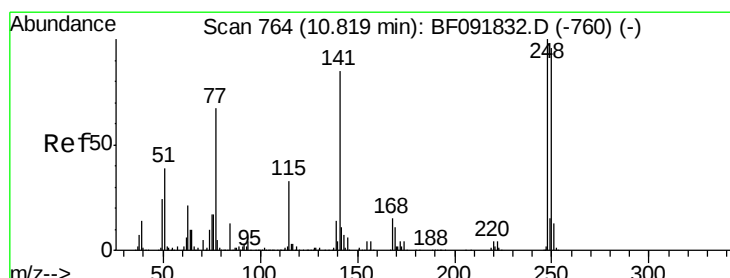
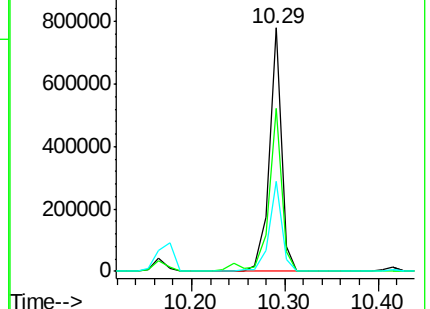
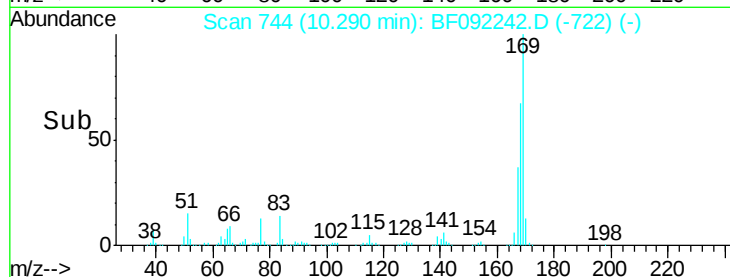
167 37.2 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 52.05 ng

RT: 10.66 min Scan# 776

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

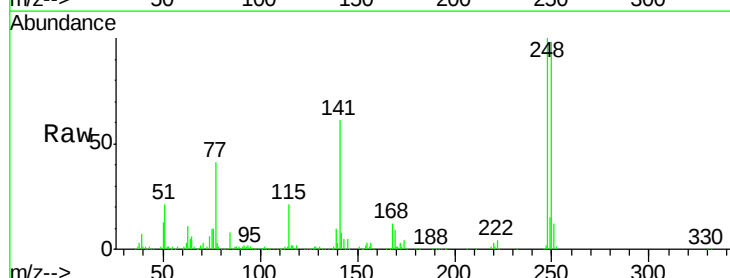
Tgt Ion:248 Resp: 283448

Ion Ratio Lower Upper

248 100

250 97.7 76.9 115.3

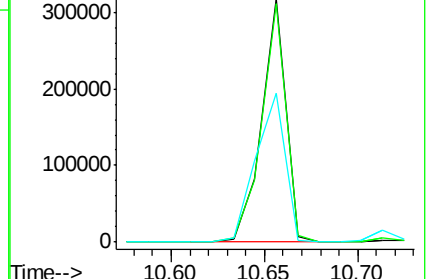
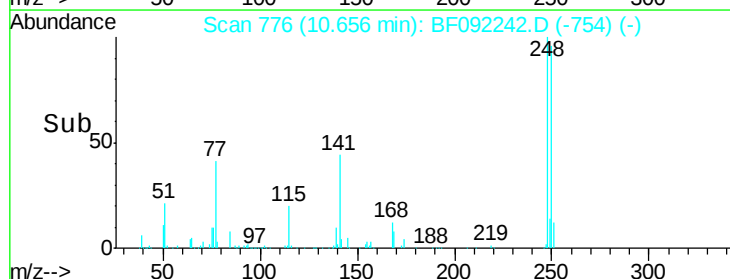
141 61.2 68.2 102.4#

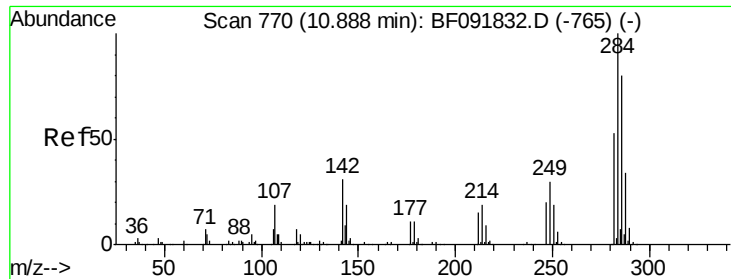


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

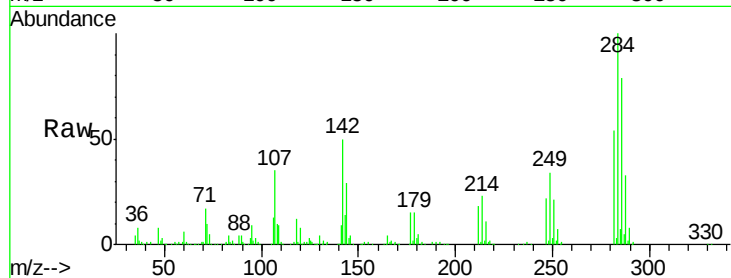




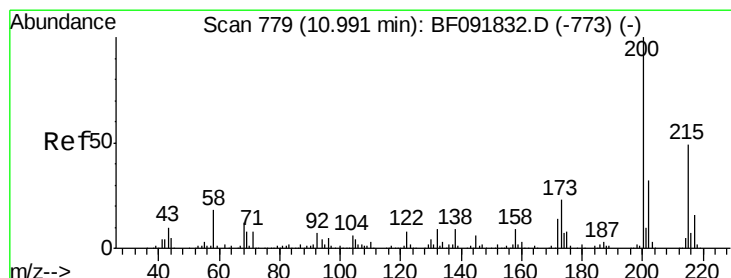
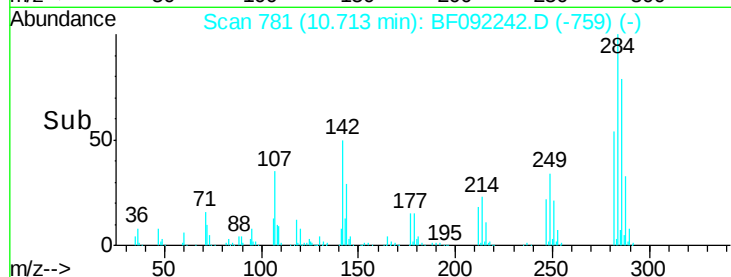
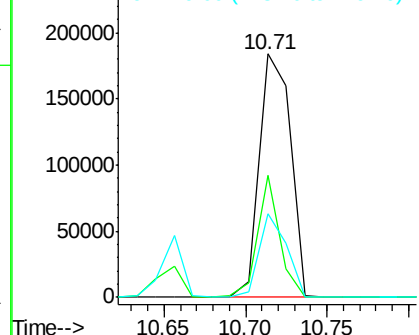
#67
Hexachlorobenzene
Concen: 42.08 ng
RT: 10.71 min Scan# 781
Delta R.T. -0.05 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tgt Ion:284 Resp: 244949
Ion Ratio Lower Upper
284 100
142 50.0 22.6 33.8#
249 34.4 25.4 38.0

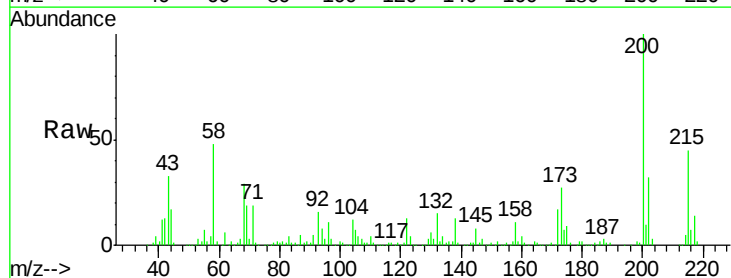


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

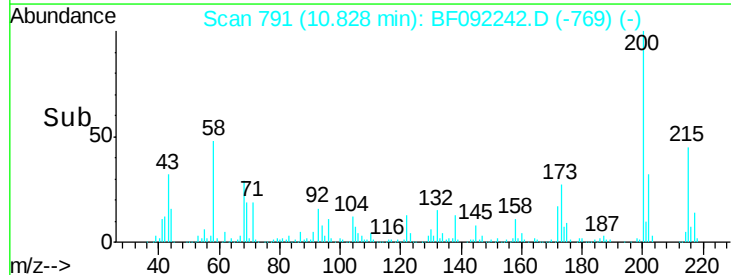
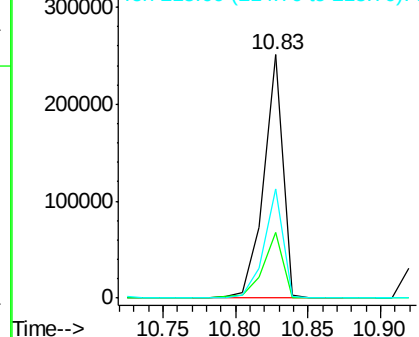


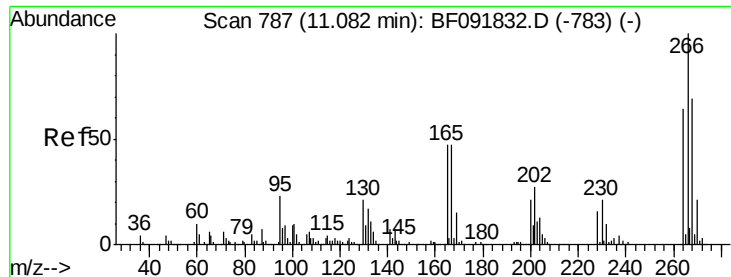
#68
Atrazine
Concen: 45.80 ng
RT: 10.83 min Scan# 791
Delta R.T. -0.05 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion:200 Resp: 229475
Ion Ratio Lower Upper
200 100
173 26.8 9.6 49.6
215 44.6 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

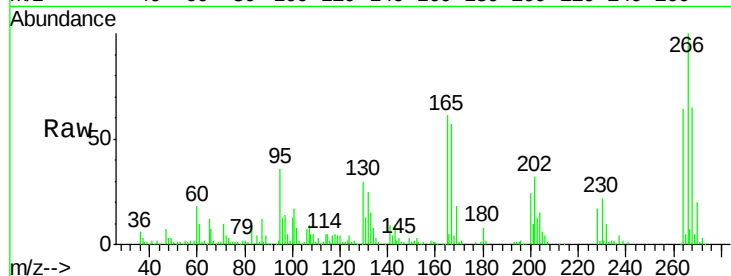




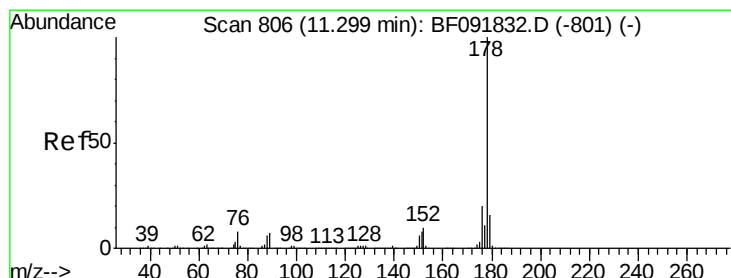
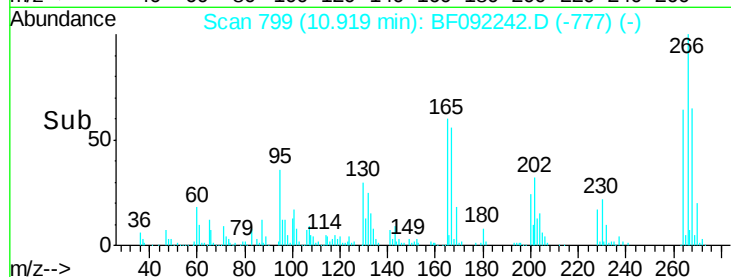
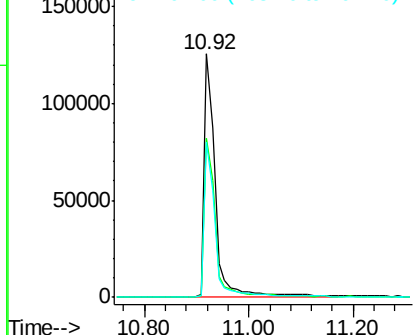
#69
 Pentachlorophenol
 Concen: 66.36 ng
 RT: 10.92 min Scan# 799
 Delta R.T. -0.05 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tgt Ion:266 Resp: 189523
 Ion Ratio Lower Upper
 266 100
 268 65.3 53.3 79.9
 264 63.8 50.3 75.5

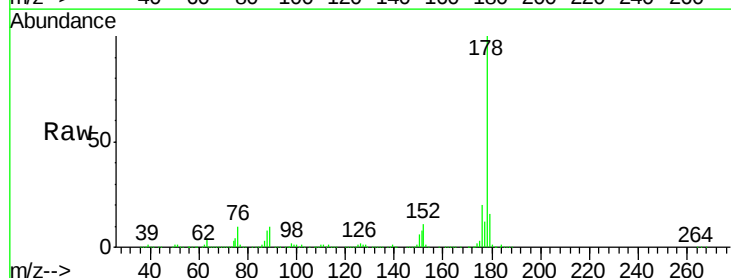


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

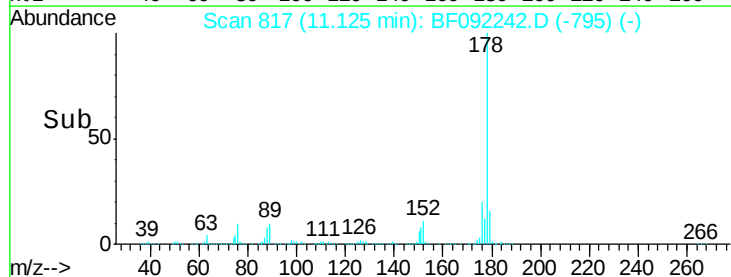
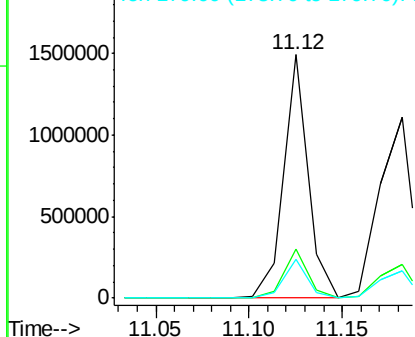


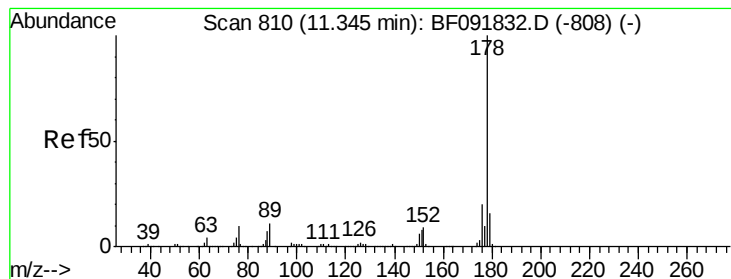
#70
 Phenanthrene
 Concen: 48.23 ng
 RT: 11.12 min Scan# 817
 Delta R.T. -0.05 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Tgt Ion:178 Resp: 1368930
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 16.2 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: 55.22 ng

RT: 11.18 min Scan# 822

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

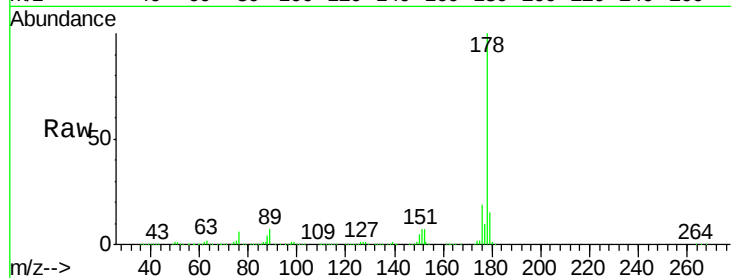
Tgt Ion:178 Resp: 1282374

Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

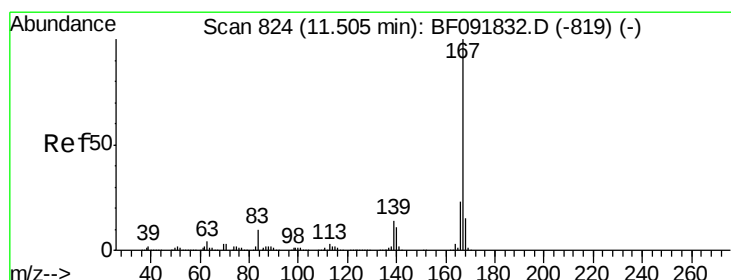
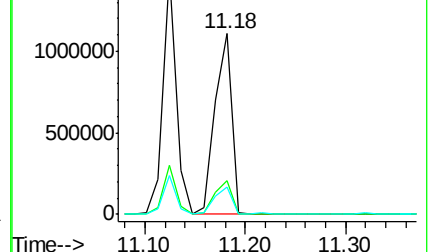
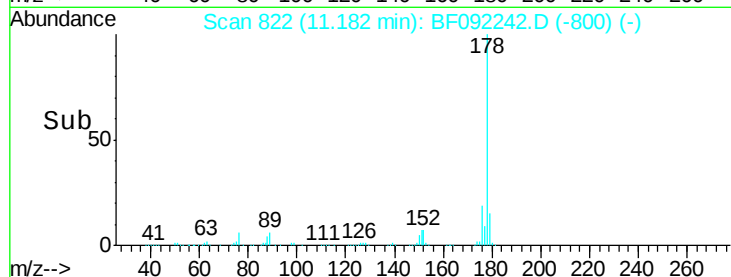
179 15.2 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.70 ng

RT: 11.34 min Scan# 836

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

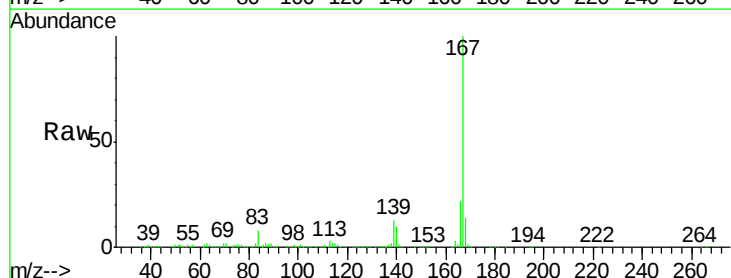
Tgt Ion:167 Resp: 1073232

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

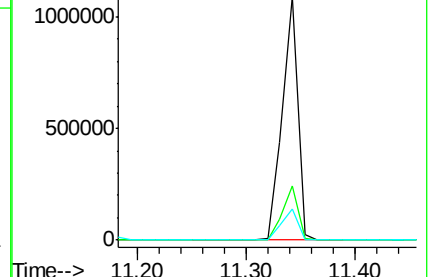
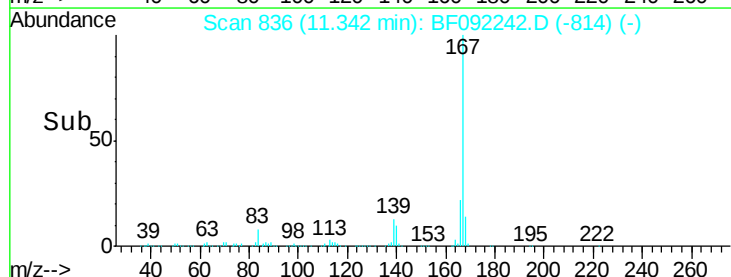
139 12.9 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.21 ng

RT: 11.67 min Scan# 865

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

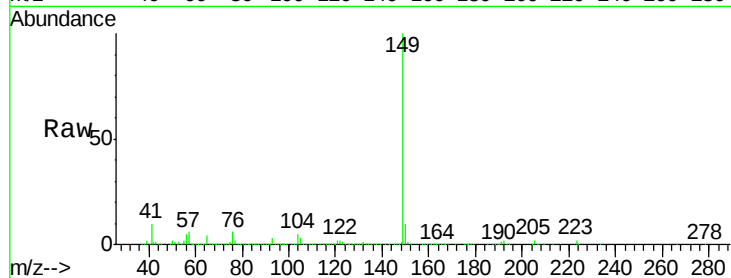
Tgt Ion:149 Resp: 1288875

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

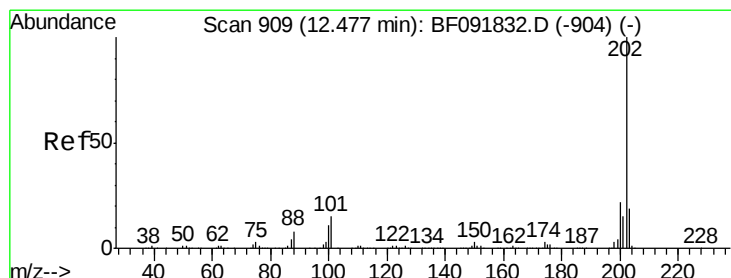
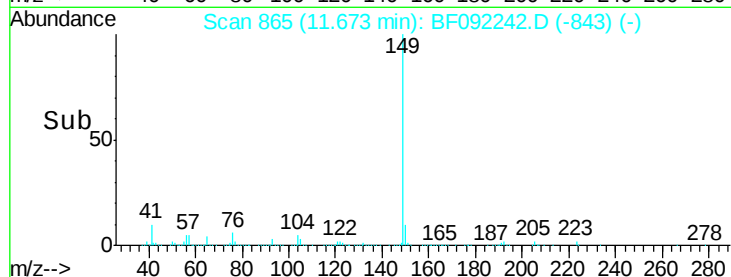
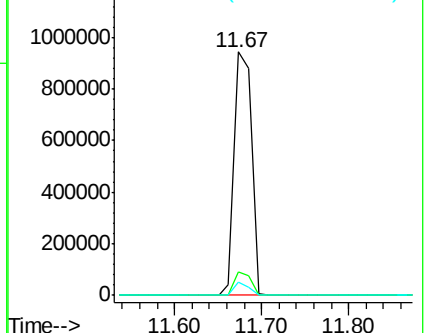
104 5.4 4.6 7.0



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: 65.62 ng

RT: 12.31 min Scan# 921

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

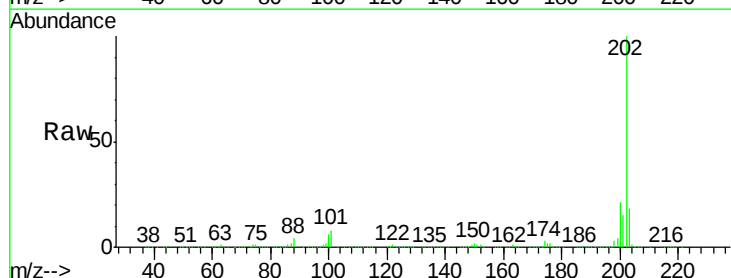
Tgt Ion:202 Resp: 1590563

Ion Ratio Lower Upper

202 100

101 8.1 0.0 34.6

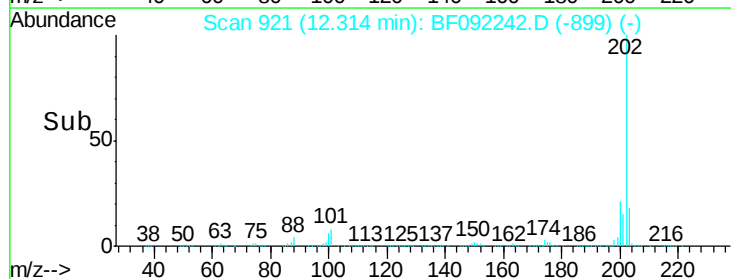
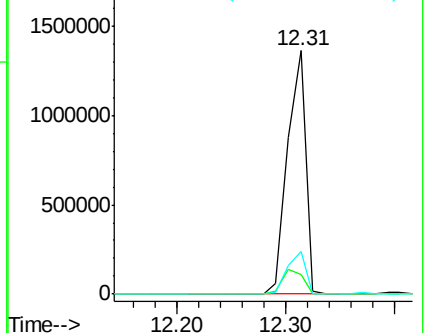
203 17.6 0.0 38.7

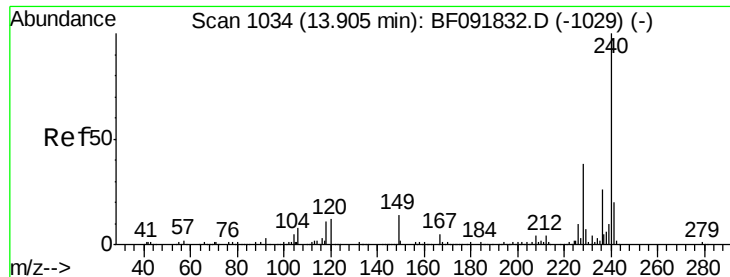


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.73 min Scan# 1045

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

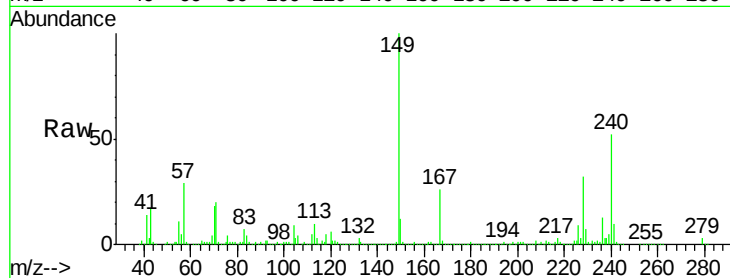
Tgt Ion:240 Resp: 304232

Ion Ratio Lower Upper

240 100

120 11.0 12.9 19.3#

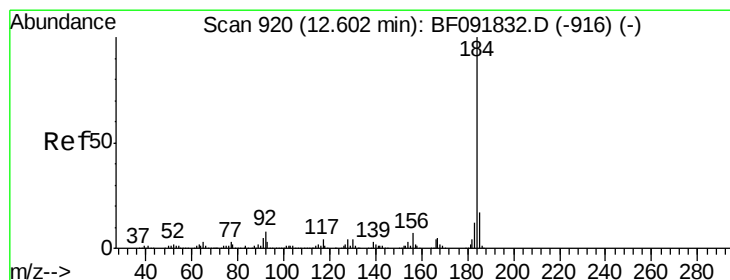
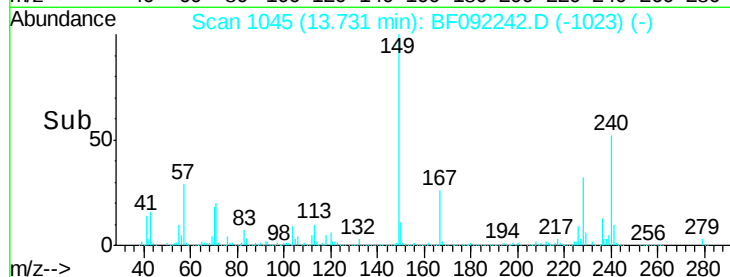
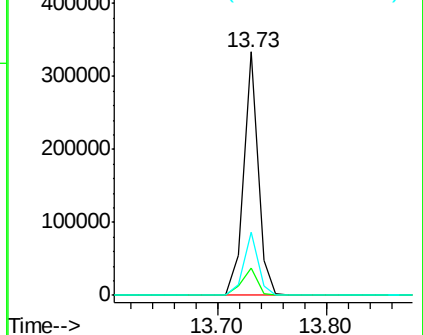
236 26.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.24 ng

RT: 12.44 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

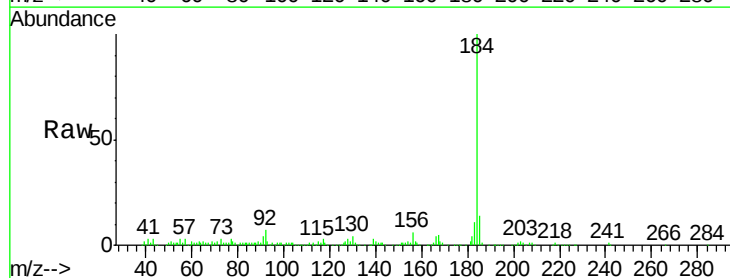
Tgt Ion:184 Resp: 160822

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

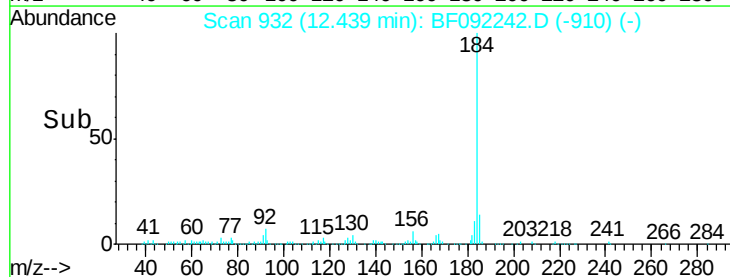
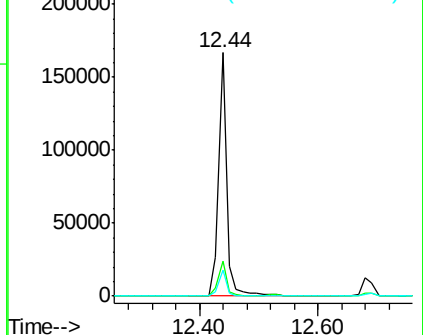
183 10.9 9.2 13.8

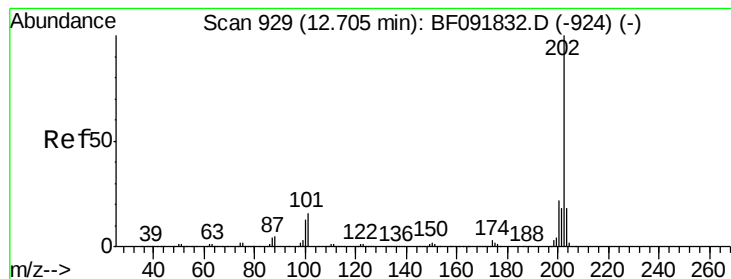


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 60.13 ng

RT: 12.53 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

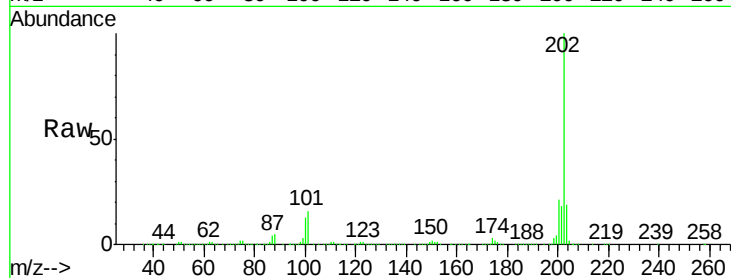
Tgt Ion:202 Resp: 1342267

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

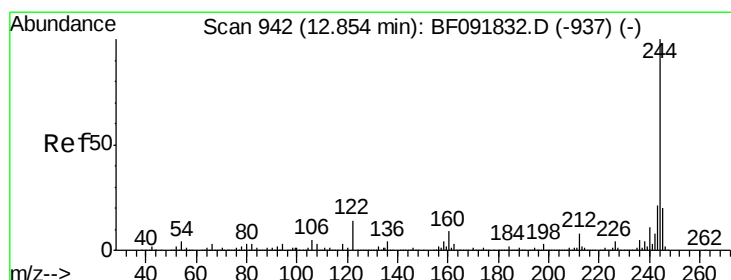
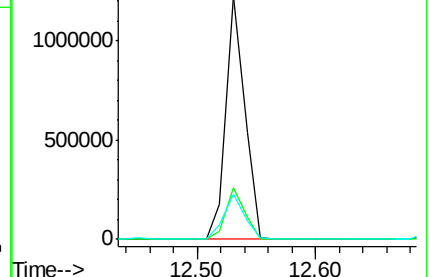
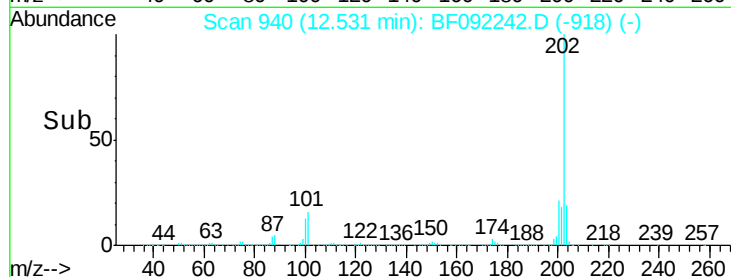
203 18.7 14.7 22.1



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: 91.44 ng

RT: 12.69 min Scan# 954

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

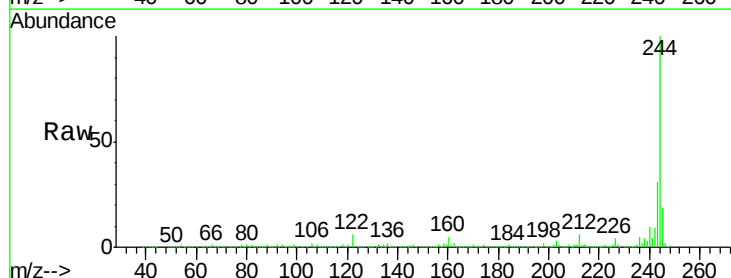
Tgt Ion:244 Resp: 1147089

Ion Ratio Lower Upper

244 100

212 6.1 6.2 9.2#

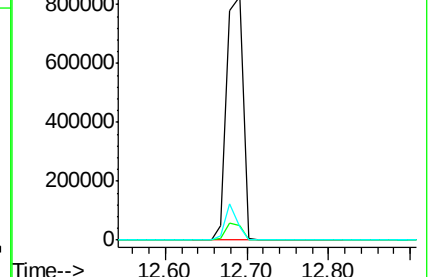
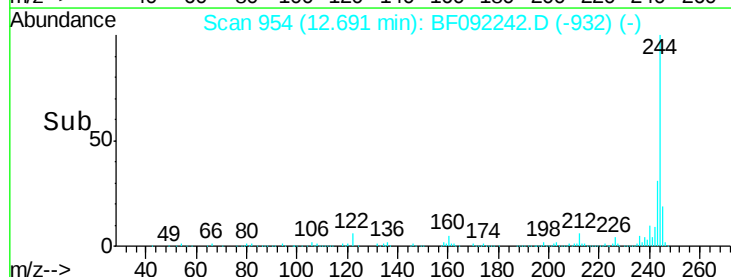
122 5.7 11.4 17.2#

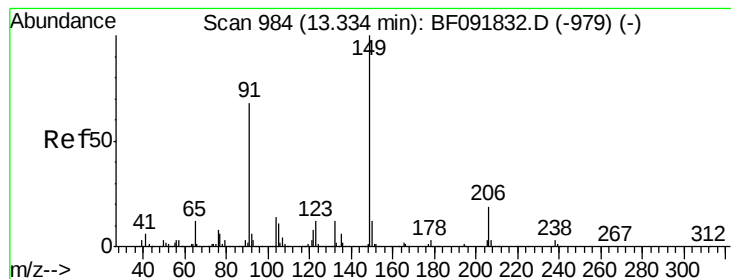


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.54 ng

RT: 13.17 min Scan# 996

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

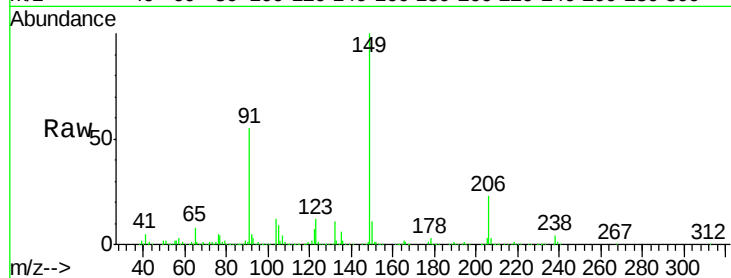
Tgt Ion:149 Resp: 452222

Ion Ratio Lower Upper

149 100

91 55.2 63.9 95.9#

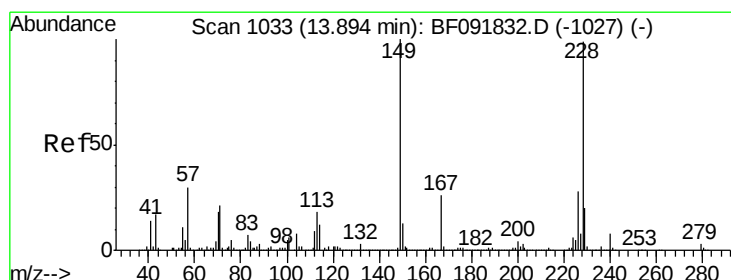
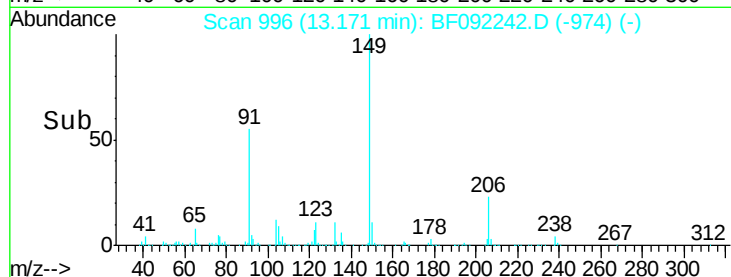
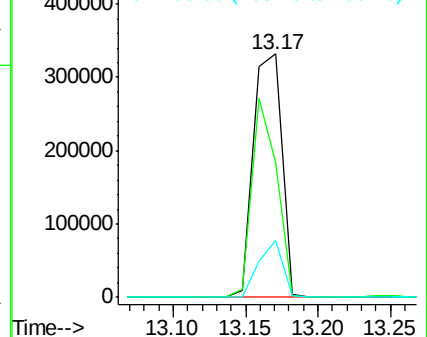
206 23.3 14.6 21.8#



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: 56.98 ng

RT: 13.72 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

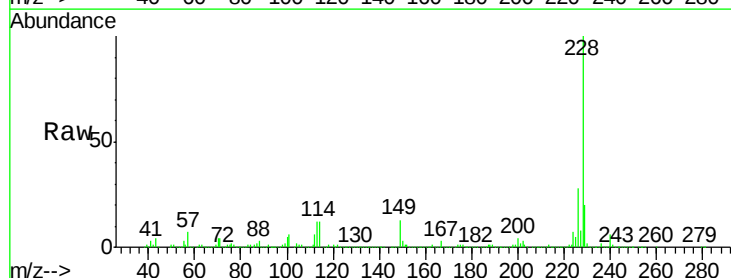
Tgt Ion:228 Resp: 978532

Ion Ratio Lower Upper

228 100

226 28.5 22.4 33.6

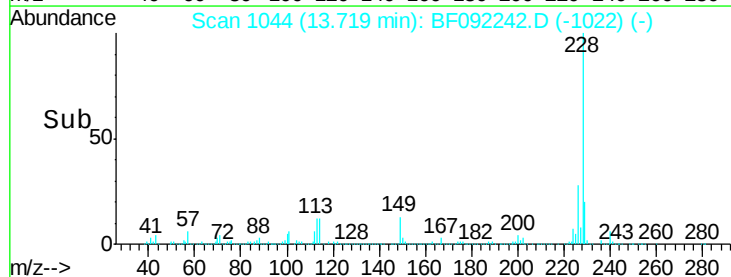
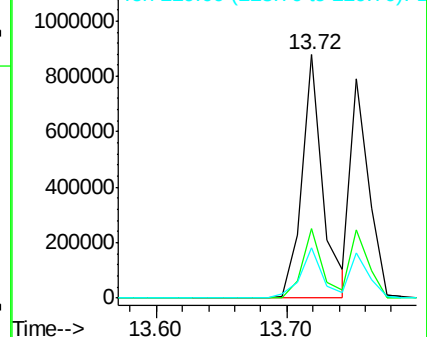
229 20.5 16.2 24.4



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

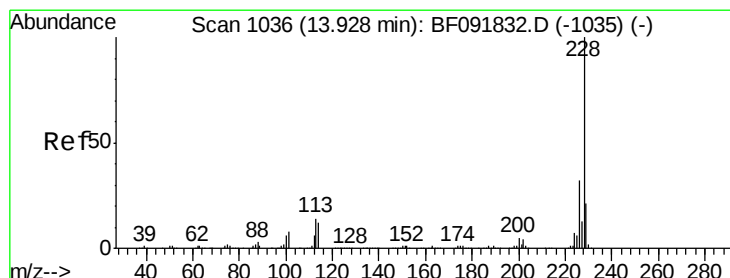
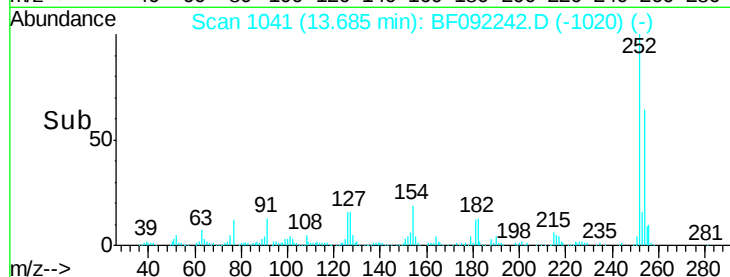
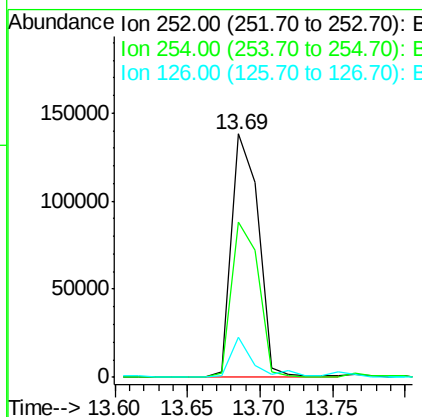
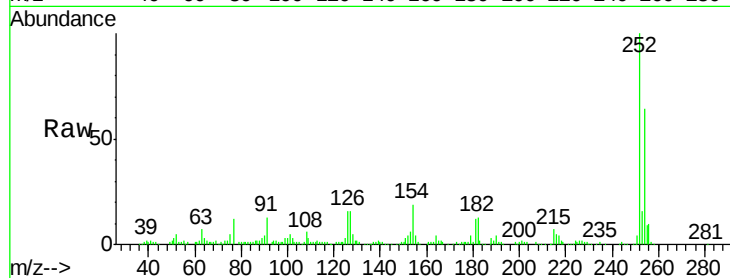




#81
 3,3'-Dichlorobenzidine
 Concen: 27.56 ng
 RT: 13.69 min Scan# 1041
 Delta R.T. -0.07 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

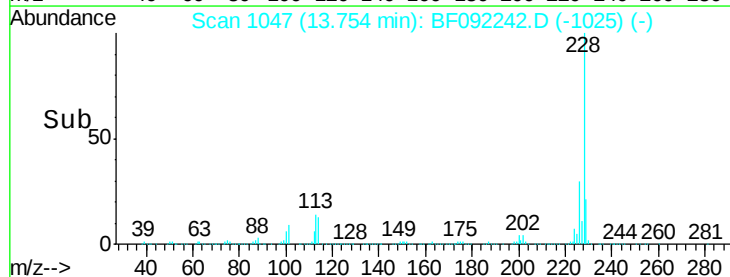
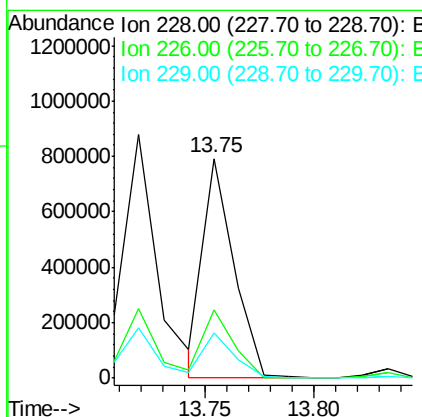
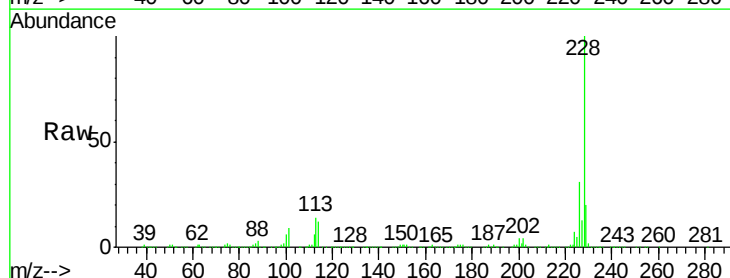
Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.3	78.5
126	16.5	13.6	20.4



#82
 Chrysene
 Concen: 45.07 ng
 RT: 13.75 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.0
229	20.5	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.98 ng

RT: 13.73 min Scan# 1045

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

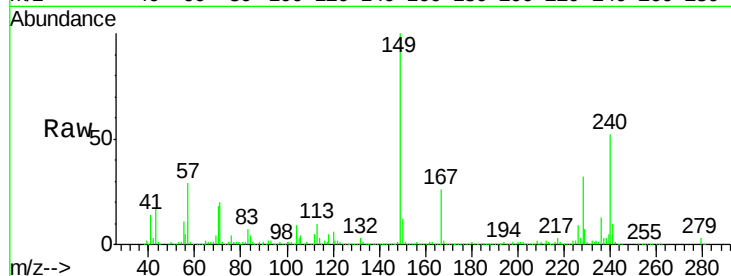
Tgt Ion:149 Resp: 585616

Ion Ratio Lower Upper

149 100

167 25.8 20.2 30.4

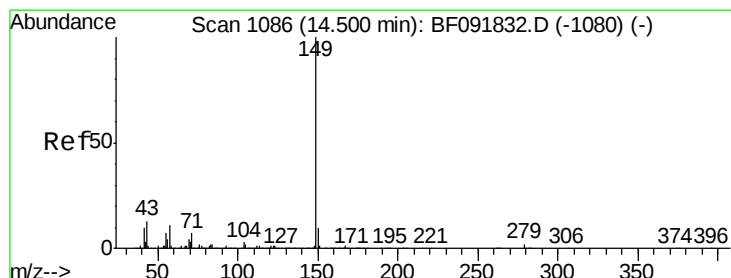
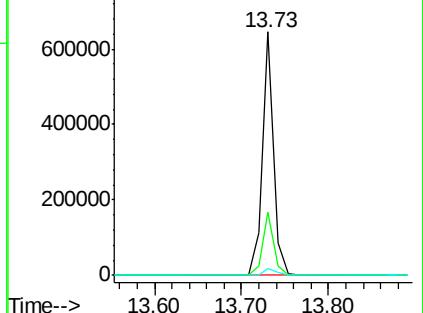
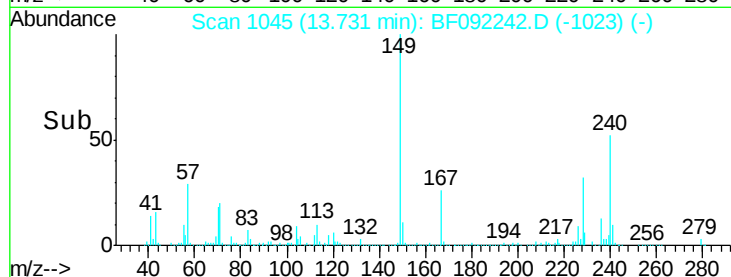
279 2.8 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.82 ng

RT: 14.34 min Scan# 1098

Delta R.T. -0.05 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

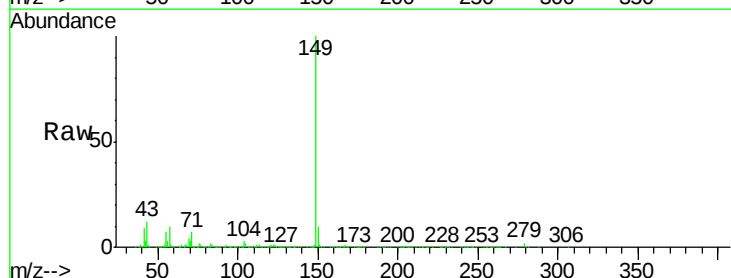
Tgt Ion:149 Resp: 1014790

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

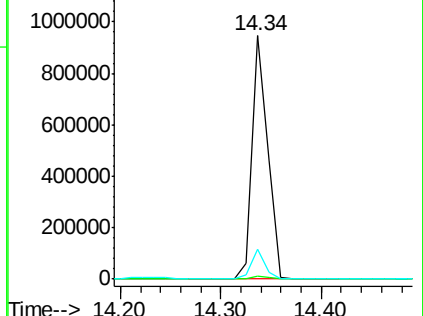
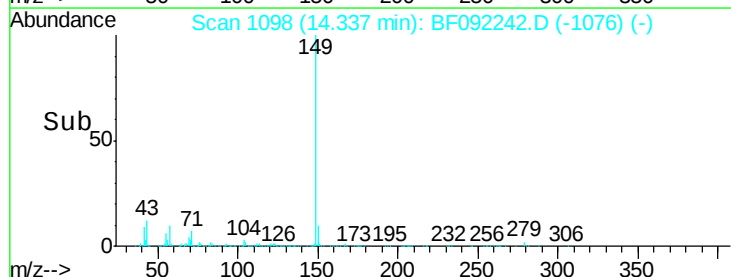
43 10.2 8.9 13.3

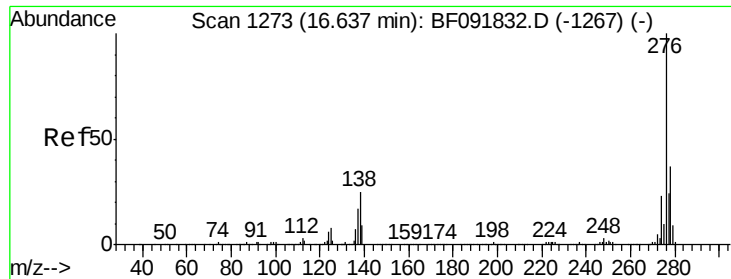


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

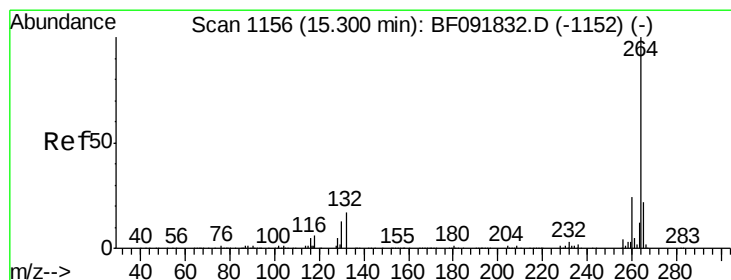
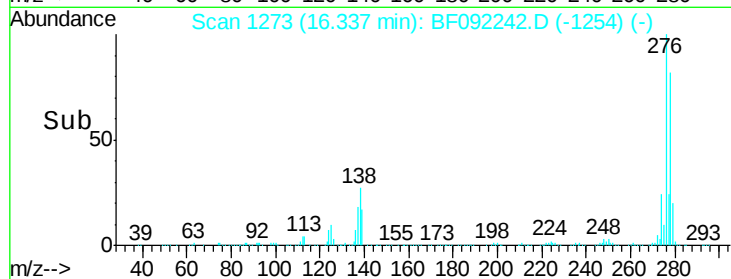
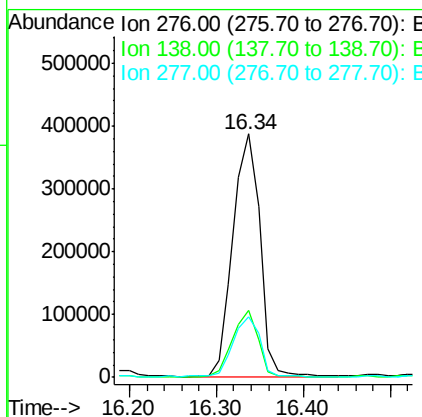
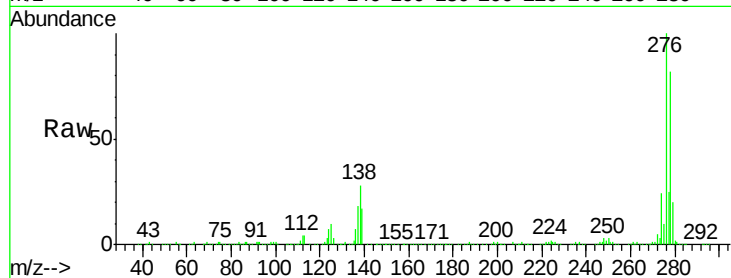




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.85 ng
 RT: 16.34 min Scan# 1273
 Delta R.T. -0.09 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

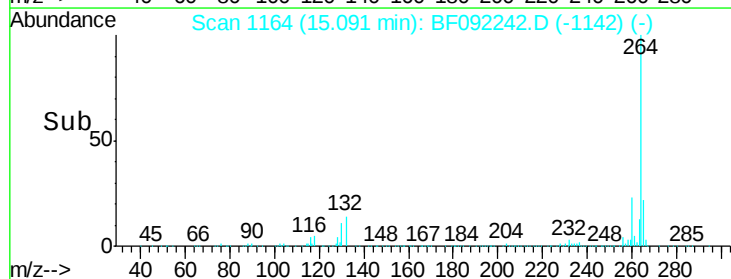
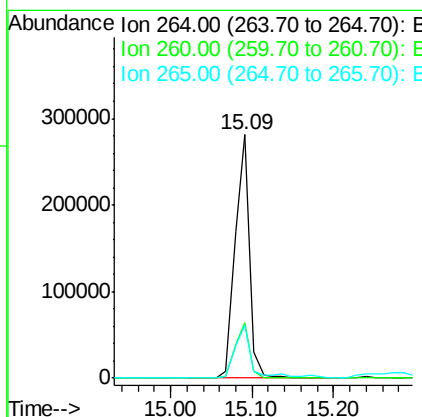
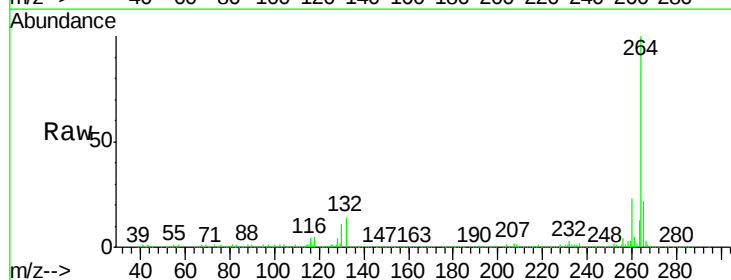
Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

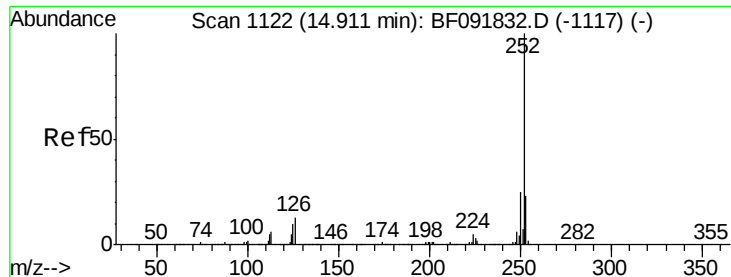
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.8	32.6
277	25.4	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1164
 Delta R.T. -0.05 min
 Lab File: BF092242.D
 Acq: 13 Jan 2017 11:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.7	17.4	26.0

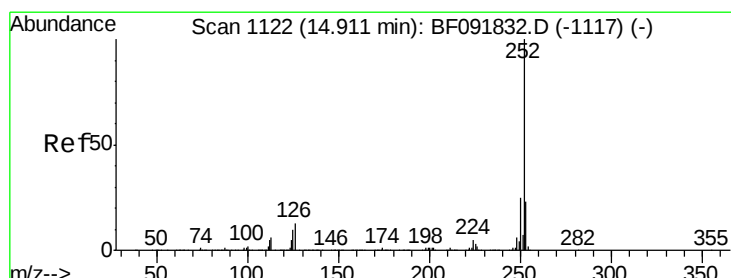
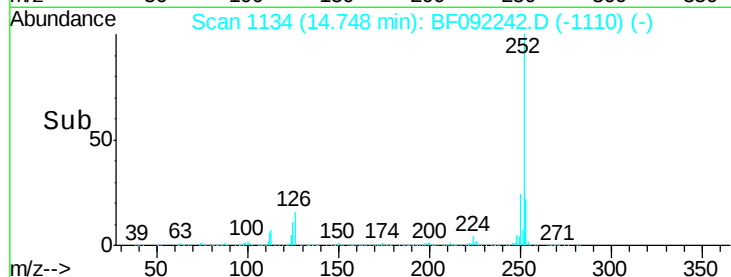
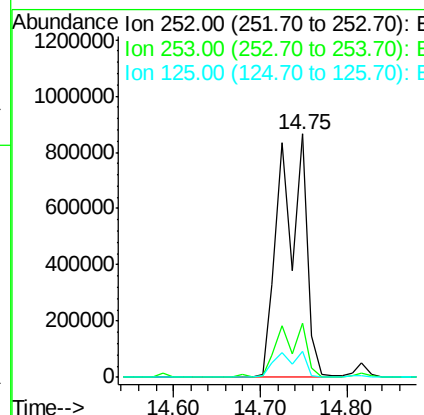
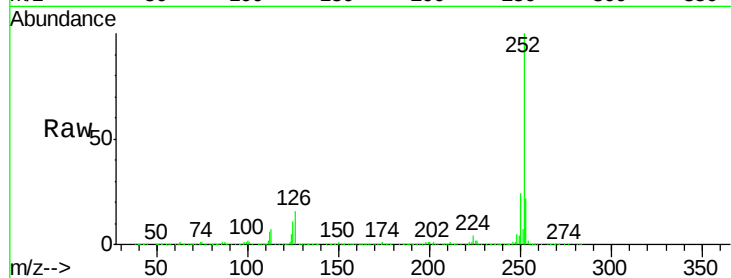




#87
Benzo(b)fluoranthene
Concen: 82.86 ng
RT: 14.75 min Scan# 1134
Delta R.T. -0.03 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

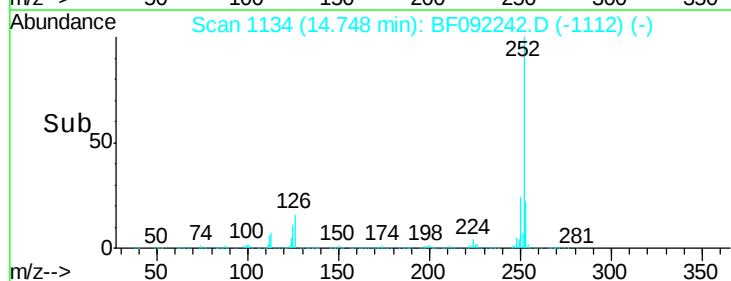
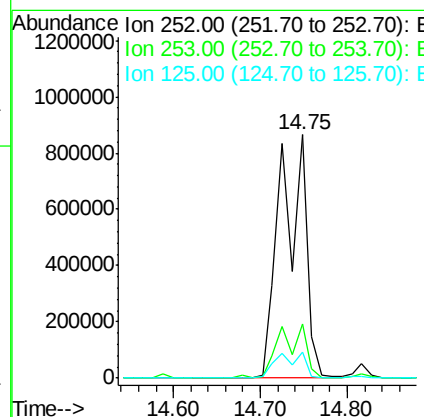
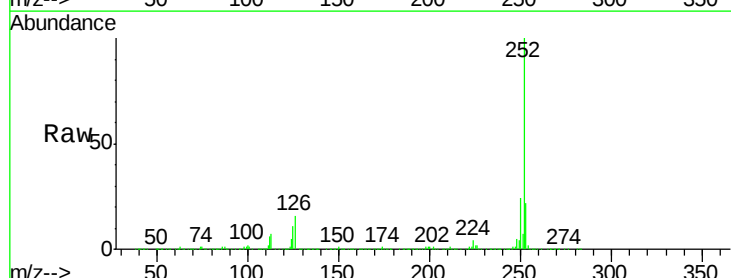
Instrument :
BNA_F
ClientSampleId :
SW-001MS

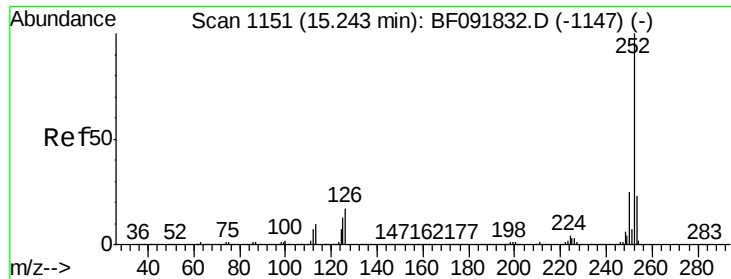
Tgt Ion:252 Resp: 1778770
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 10.7 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 97.17 ng
RT: 14.75 min Scan# 1134
Delta R.T. -0.05 min
Lab File: BF092242.D
Acq: 13 Jan 2017 11:52

Tgt Ion:252 Resp: 1778770
Ion Ratio Lower Upper
252 100
253 22.5 18.5 27.7
125 10.7 8.9 13.3





#89

Benzo(a)pyrene

Concen: 46.72 ng

RT: 15.03 min Scan# 1159

Delta R.T. -0.07 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SW-001MS

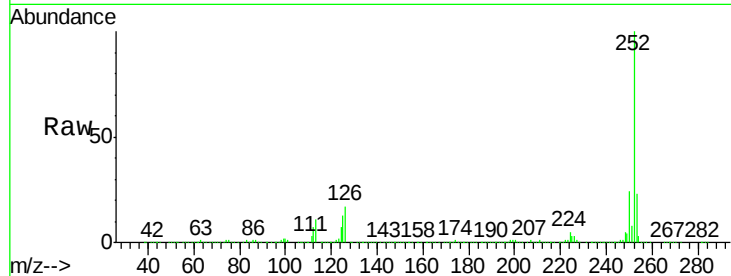
Tgt Ion: 252 Resp: 890131

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

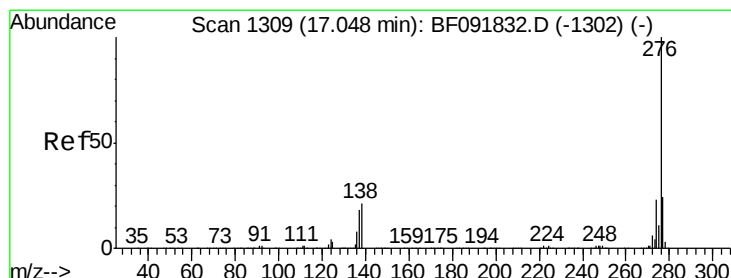
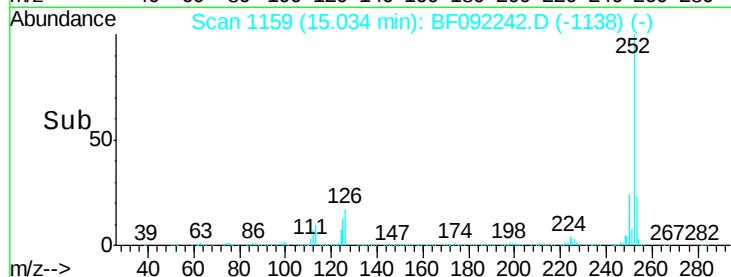
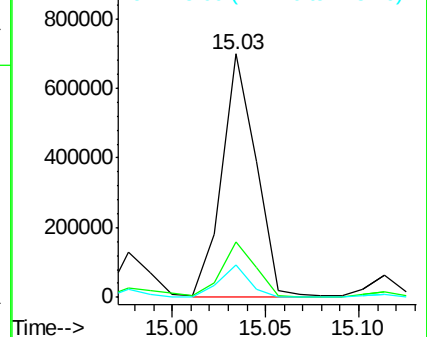
125 13.3 10.0 15.0



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



#91

Benzo(g,h,i)perylene

Concen: 42.96 ng

RT: 16.70 min Scan# 1305

Delta R.T. -0.10 min

Lab File: BF092242.D

Acq: 13 Jan 2017 11:52

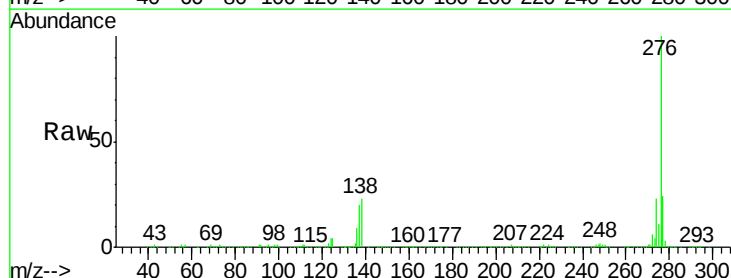
Tgt Ion: 276 Resp: 699668

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 22.7 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

