

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091286.D
 Acq On : 23 Nov 2016 20:30
 Operator : UM/SJ
 Sample : H5740-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MS

Quant Time: Nov 24 00:00:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	224237	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	910289	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	505799	20.00	ng	0.01
63) Phenanthrene-d10	11.40	188	726448	20.00	ng	0.00
75) Chrysene-d12	14.04	240	499907	20.00	ng	0.00
86) Perylene-d12	15.48	264	509437	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1567884	112.34	ng	0.02
7) Phenol-d6	6.51	99	1997550	111.40	ng	0.01
23) Nitrobenzene-d5	7.45	82	1239922	78.42	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	557399	109.28	ng	0.01
44) 2-Fluorobiphenyl	9.25	172	2124163	68.76	ng	0.01
78) Terphenyl-d14	12.99	244	1517474	69.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	193675	29.42	ng	87
3) Pyridine	3.30	79	507491	28.68	ng	# 85
4) n-Nitrosodimethylamine	3.24	42	364527	37.63	ng	99
6) Aniline	6.53	93	254141	11.09	ng	# 8
8) 2-Chlorophenol	6.67	128	588118	38.69	ng	97
9) Benzaldehyde	6.42	77	35684	2.66	ng	90
10) Phenol	6.53	94	702392	35.11	ng	89
11) bis(2-Chloroethyl)ether	6.62	93	686993	46.71	ng	86
12) 1,3-Dichlorobenzene	6.90	146	617693	37.27	ng	97
13) 1,4-Dichlorobenzene	6.90	146	617693	36.41	ng	98
14) 1,2-Dichlorobenzene	6.90	146	617693	38.37	ng	96
15) Benzyl Alcohol	7.02	79	563500	40.47	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1130292	35.05	ng	71
17) 2-Methylphenol	7.14	107	495982	41.23	ng	# 75
18) Hexachloroethane	7.40	117	224102	37.10	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	400952	35.65	ng	# 98
20) 3+4-Methylphenols	7.29	107	523223	35.44	ng	# 72
22) Acetophenone	7.30	105	791806	38.55	ng	98
24) Nitrobenzene	7.47	77	611697	36.56	ng	# 70
25) Isophorone	7.71	82	1166798	39.50	ng	96
26) 2-Nitrophenol	7.78	139	262021	39.05	ng	100
27) 2,4-Dimethylphenol	7.82	122	563666	40.02	ng	92
28) bis(2-Chloroethoxy)methane	7.92	93	666626	37.91	ng	99
29) 2,4-Dichlorophenol	8.02	162	446519	35.88	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	540821	37.73	ng	98
31) Naphthalene	8.19	128	1679985	38.37	ng	99
32) Benzoic acid	7.87	122	23309	2.10	ng	97
33) 4-Chloroaniline	8.24	127	283730	14.89	ng	# 93
34) Hexachlorobutadiene	8.32	225	306315	36.14	ng	98
35) Caprolactam	8.60	113	116824	30.45	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	479101	35.82	ng	96
37) 2-Methylnaphthalene	8.88	142	1041284	34.65	ng	92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	485320	35.41	ng	99
40) Hexachlorocyclopentadiene	9.04	237	356646	58.13	ng	99

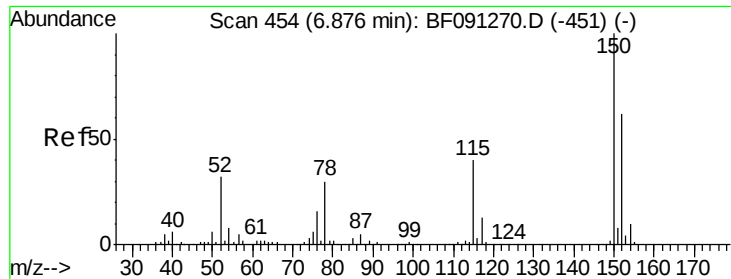
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	350925	37.12	ng	93
43) 2,4,5-Trichlorophenol	9.21	196	337538	37.17	ng #	90
45) 1,1'-Biphenyl	9.34	154	1173527	32.18	ng	97
46) 2-Chloronaphthalene	9.37	162	934846	35.00	ng	98
47) 2-Nitroaniline	9.46	65	327737	36.16	ng #	74
48) Acenaphthylene	9.79	152	1518999	35.48	ng	99
49) Dimethylphthalate	9.65	163	1333906	42.24	ng	98
50) 2,6-Dinitrotoluene	9.71	165	276557	40.09	ng #	61
51) Acenaphthene	9.96	154	1018551	34.96	ng	96
52) 3-Nitroaniline	9.87	138	166186	22.41	ng	99
53) 2,4-Dinitrophenol	9.97	184	93666	38.87	ng	94
54) Dibenzofuran	10.13	168	1473384	35.95	ng	91
55) 4-Nitrophenol	10.03	139	379961	71.03	ng	97
56) 2,4-Dinitrotoluene	10.11	165	379059	43.42	ng	97
57) Fluorene	10.48	166	1049172	33.46	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	293872	36.80	ng	95
59) Diethylphthalate	10.35	149	1167136	36.73	ng	96
60) 4-Chlorophenyl-phenylether	10.46	204	493242	34.14	ng #	89
61) 4-Nitroaniline	10.49	138	233640	33.76	ng	97
62) Azobenzene	10.62	77	1239139	38.44	ng	92
64) 4,6-Dinitro-2-methylphenol	10.51	198	110924	33.67	ng #	78
65) n-Nitrosodiphenylamine	10.58	169	879044	39.86	ng	99
66) 4-Bromophenyl-phenylether	10.96	248	339811	42.80	ng #	81
67) Hexachlorobenzene	11.01	284	324780	37.31	ng #	78
68) Atrazine	11.12	200	297275	Below	Cal	91
69) Pentachlorophenol	11.21	266	350729	68.11	ng	96
70) Phenanthrene	11.44	178	1874006	49.73	ng	99
71) Anthracene	11.48	178	1539125	39.94	ng	99
72) Carbazole	11.63	167	1218421	35.53	ng	99
73) Di-n-butylphthalate	11.97	149	1580145	39.79	ng	99
74) Fluoranthene	12.61	202	1701387	44.38	ng	97
76) Benzidine	12.73	184	129464	13.36	ng #	88
77) Pyrene	12.84	202	1601958	43.37	ng	98
79) Butylbenzylphthalate	13.47	149	554717	37.53	ng	85
80) Benzo(a)anthracene	14.03	228	1183795	41.72	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	222948	23.83	ng #	98
82) Chrysene	14.07	228	1104791	41.20	ng	98
83) Bis(2-ethylhexyl)phthalate	14.03	149	663449	36.05	ng #	96
84) Di-n-octyl phthalate	14.64	149	1122273	38.75	ng	98
85) Indeno(1,2,3-cd)pyrene	16.90	276	1129093	48.90	ng	95
87) Benzo(b)fluoranthene	15.09	252	2362135	73.50	ng #	97
88) Benzo(k)fluoranthene	15.09	252	2362135	89.99	ng #	95
89) Benzo(a)pyrene	15.36	252	188017	6.88	ng	96
91) Benzo(g,h,i)perylene	17.33	276	922688	36.85	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF091286.D

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SB-01(0-0.16)MS

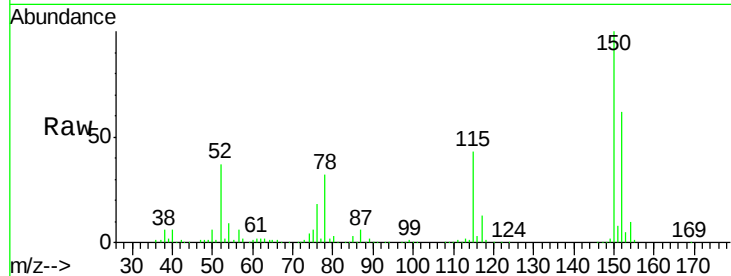
Tgt Ion:152 Resp: 224237

Ion Ratio Lower Upper

152 100

150 161.9 122.5 183.7

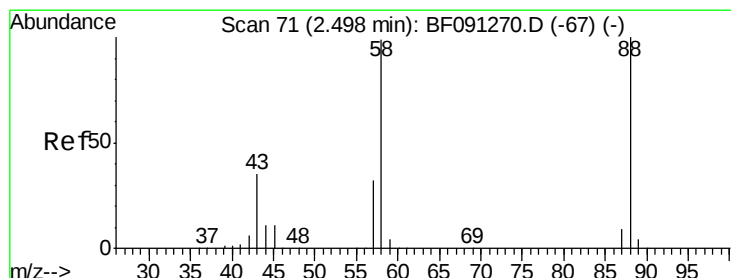
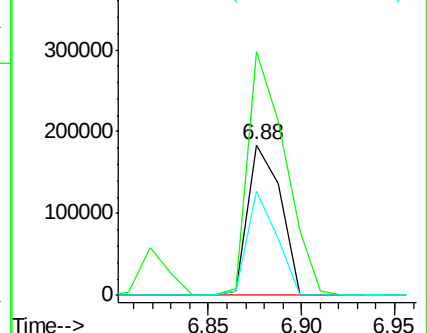
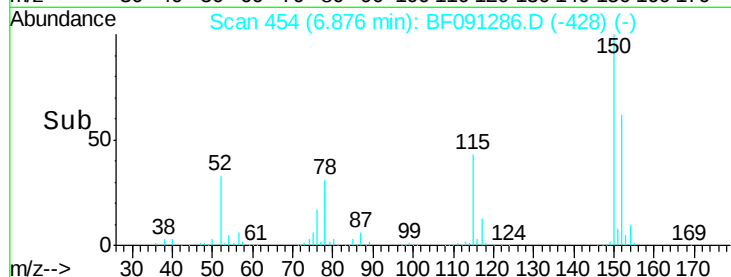
115 69.0 51.8 77.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.42 ng

RT: 2.57 min Scan# 77

Delta R.T. 0.07 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

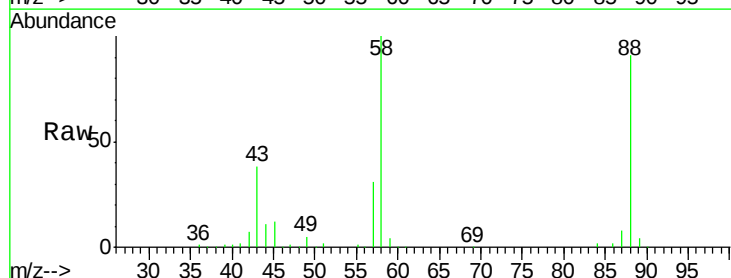
Tgt Ion: 88 Resp: 193675

Ion Ratio Lower Upper

88 100

58 104.5 70.3 105.5

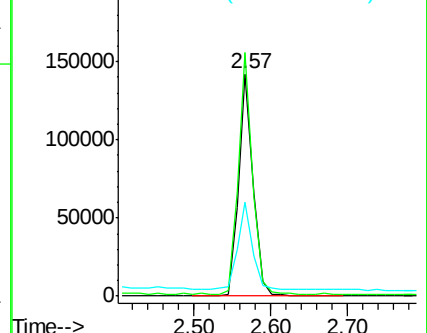
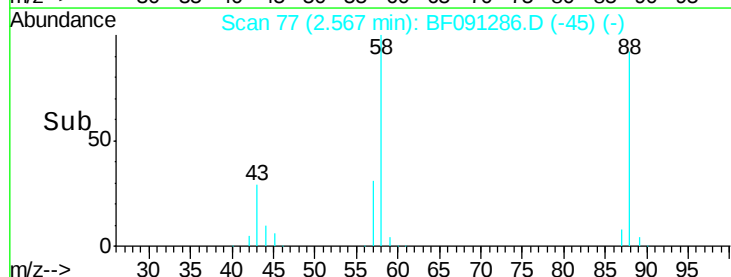
43 39.9 31.3 46.9

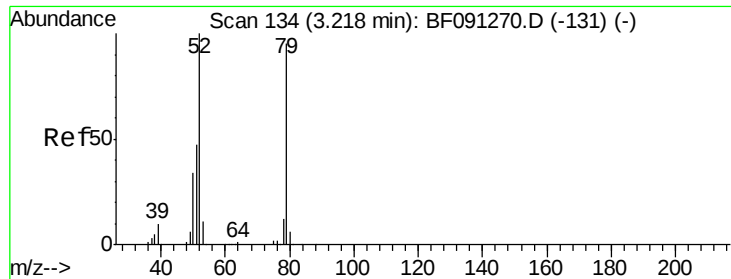


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 28.68 ng

RT: 3.30 min Scan# 141

Delta R.T. 0.08 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

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ClientSampleId :

SB-01(0-0.16)MS

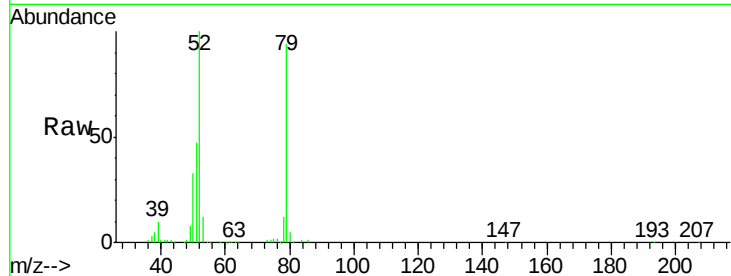
Tgt Ion: 79 Resp: 507491

Ion Ratio Lower Upper

79 100

52 106.8 71.0 106.4#

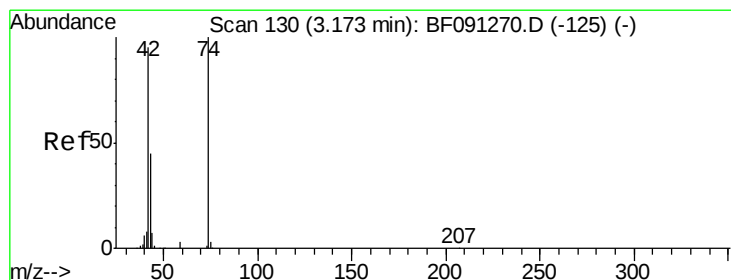
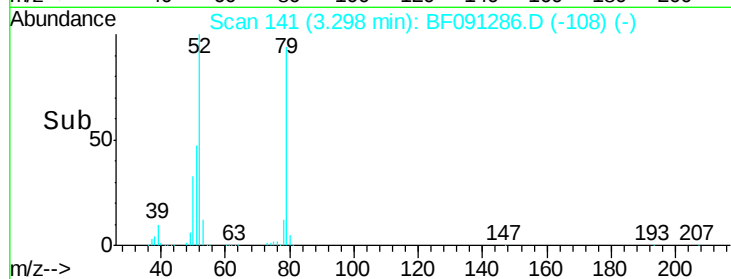
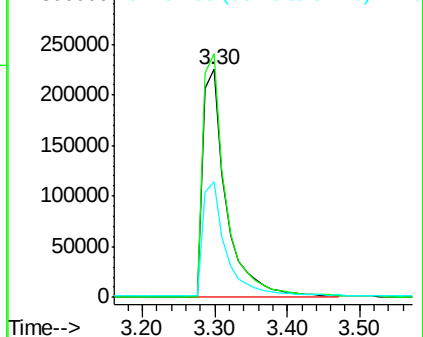
51 50.4 37.0 55.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.63 ng

RT: 3.24 min Scan# 136

Delta R.T. 0.07 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

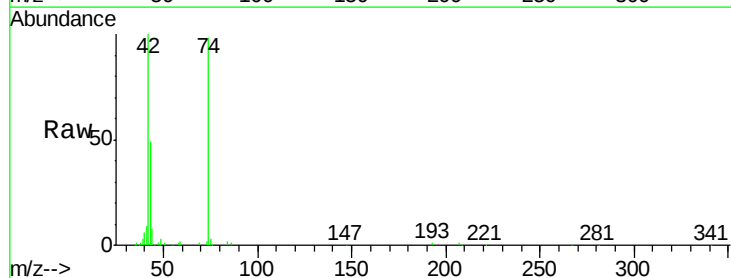
Tgt Ion: 42 Resp: 364527

Ion Ratio Lower Upper

42 100

74 97.8 78.9 118.3

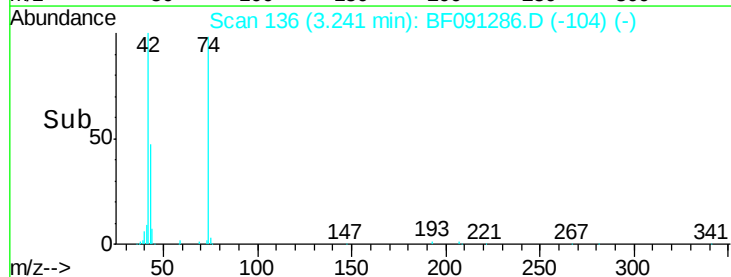
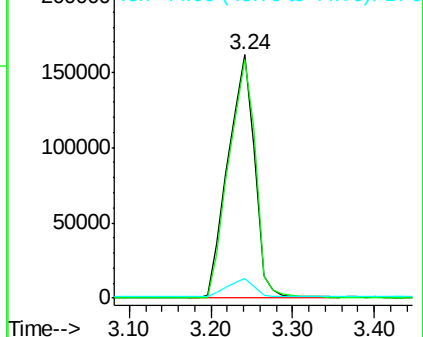
44 7.9 5.8 8.6

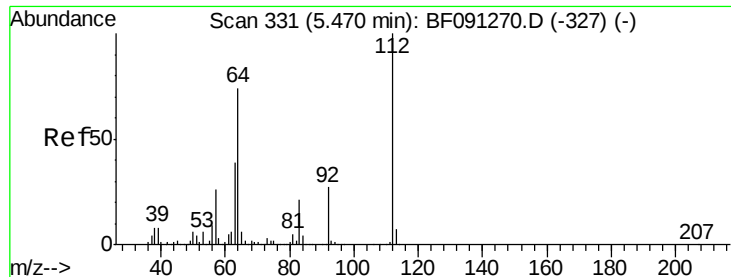


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 112.34 ng

RT: 5.49 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

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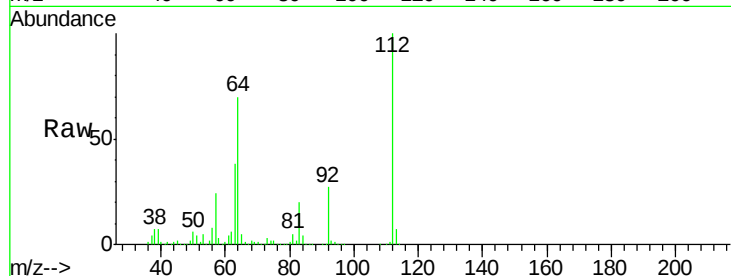
Tgt Ion:112 Resp: 1567884

Ion Ratio Lower Upper

112 100

64 70.1 61.5 92.3

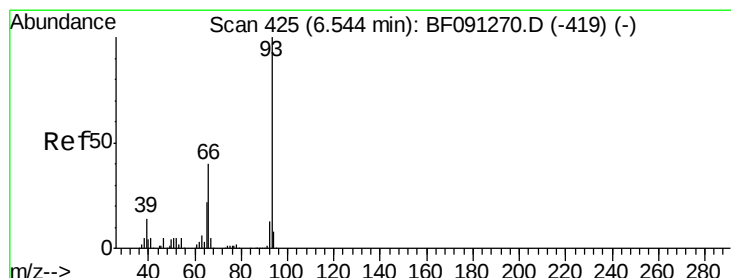
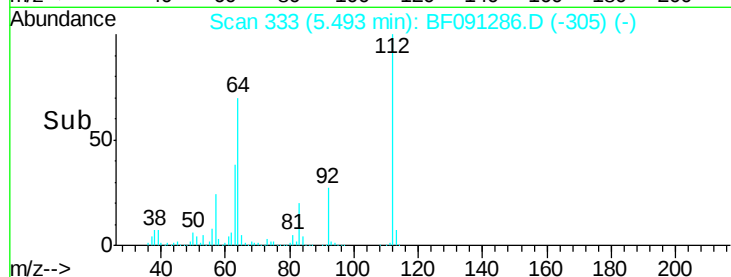
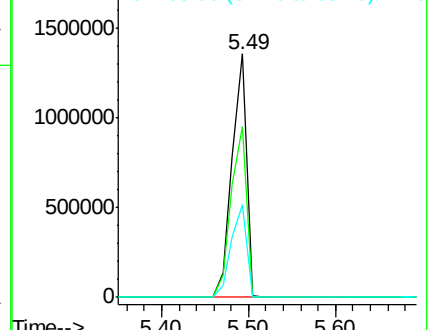
63 38.0 33.3 49.9



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: 11.09 ng

RT: 6.53 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

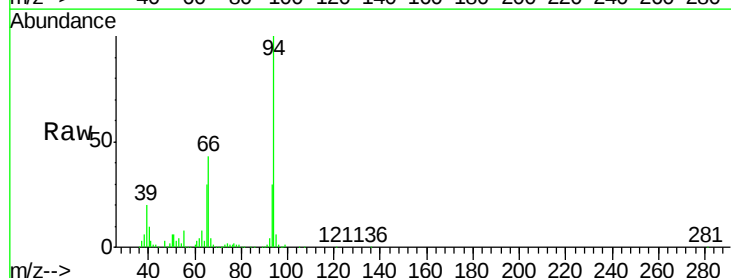
Tgt Ion: 93 Resp: 254141

Ion Ratio Lower Upper

93 100

66 140.8 55.8 83.6#

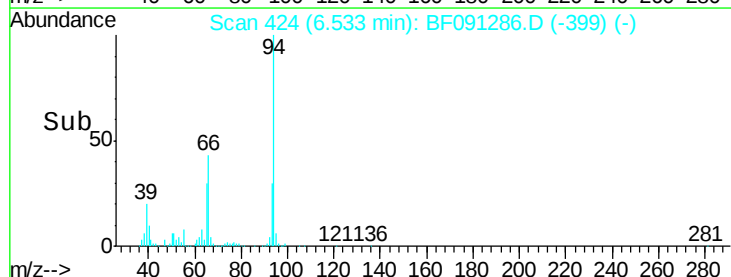
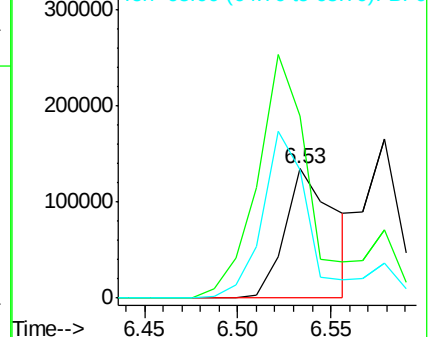
65 99.1 29.9 44.9#

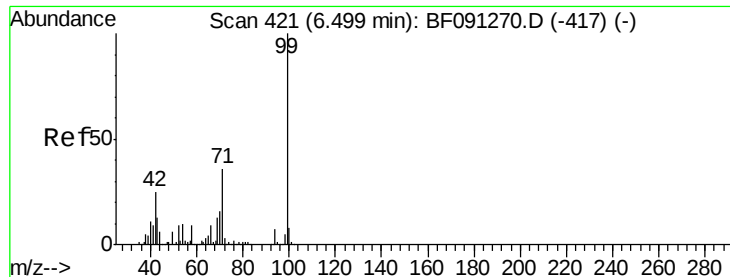


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.40 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091286.D

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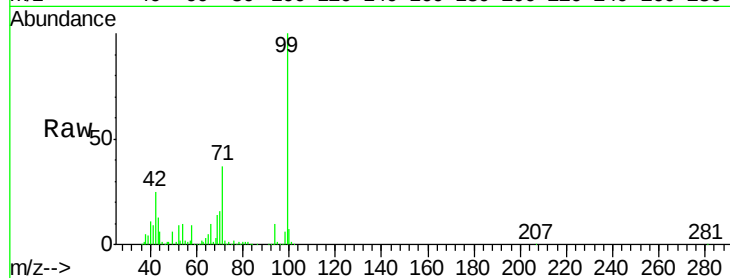
Tgt Ion: 99 Resp: 1997550

Ion Ratio Lower Upper

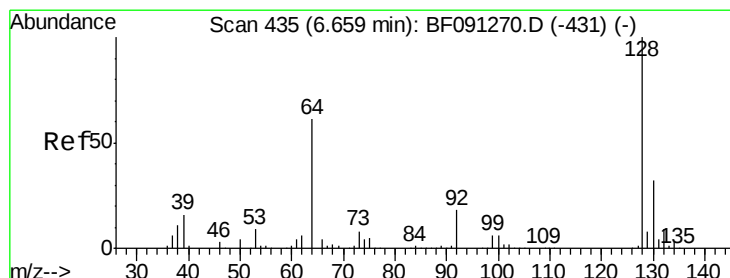
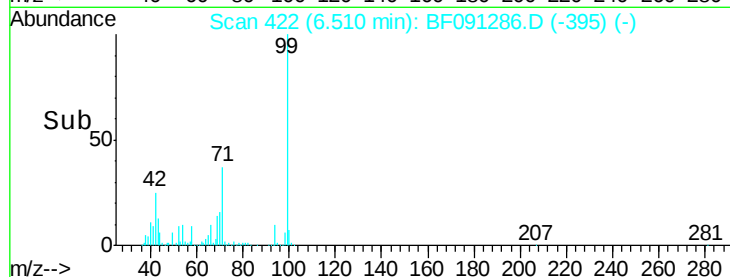
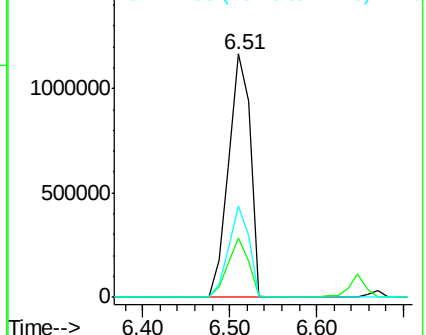
99 100

42 24.6 20.6 31.0

71 37.3 29.9 44.9



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: 38.69 ng

RT: 6.67 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

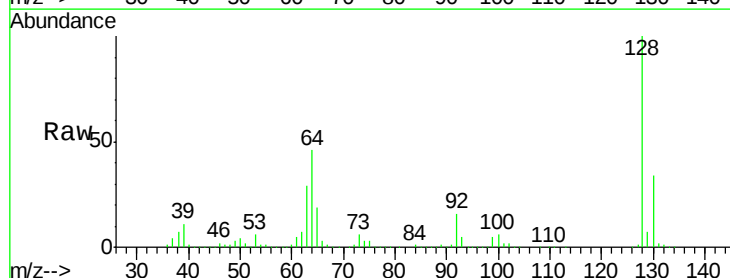
Tgt Ion: 128 Resp: 588118

Ion Ratio Lower Upper

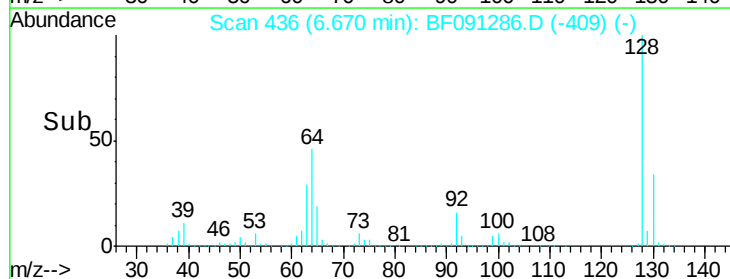
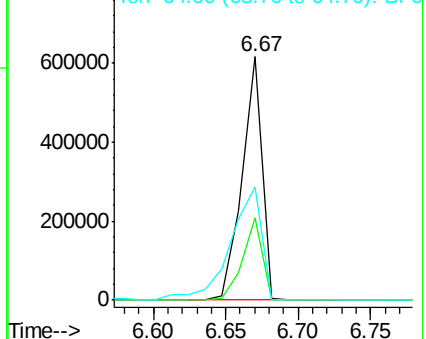
128 100

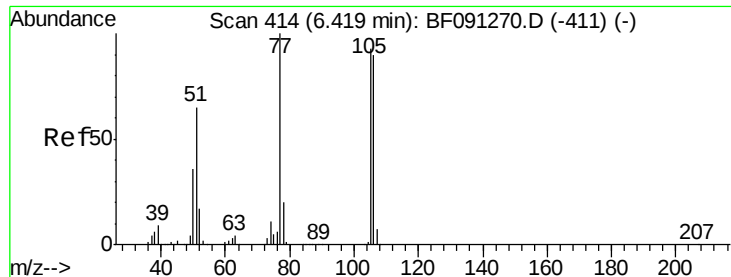
130 33.9 13.1 53.1

64 46.5 24.1 64.1



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: 2.66 ng

RT: 6.42 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF091286.D

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BNA_F

ClientSampleId :

SB-01(0-0.16)MS

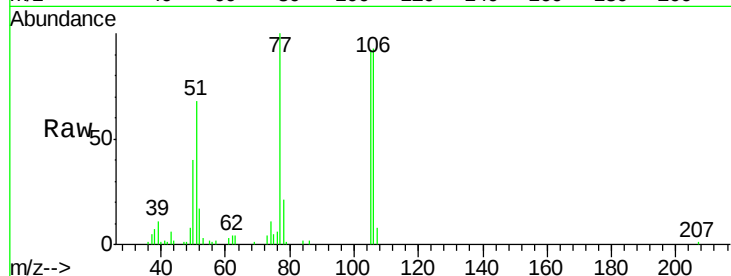
Tgt Ion: 77 Resp: 35684

Ion Ratio Lower Upper

77 100

105 92.4 66.4 106.4

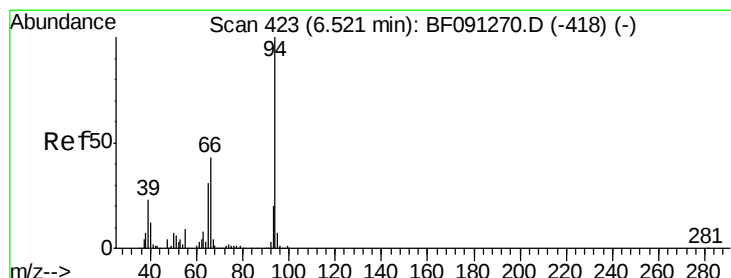
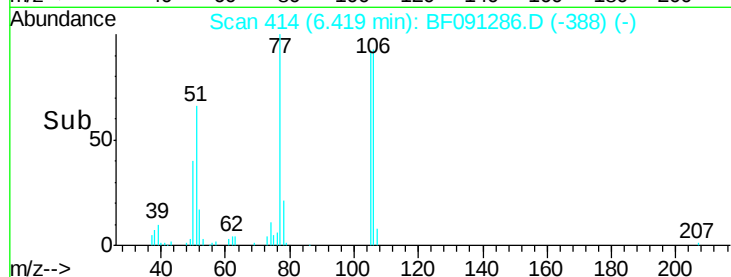
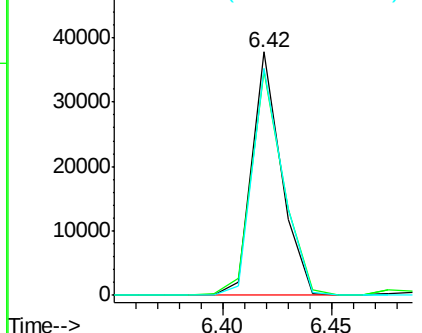
106 93.0 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.11 ng

RT: 6.53 min Scan# 424

Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

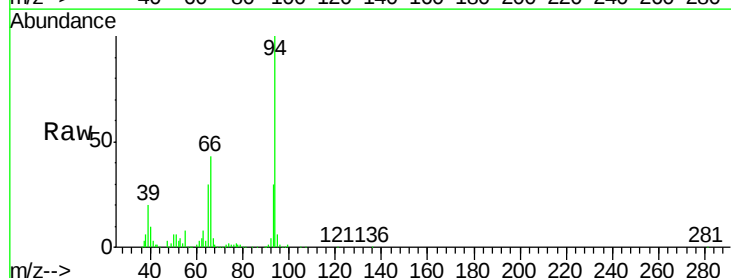
Tgt Ion: 94 Resp: 702392

Ion Ratio Lower Upper

94 100

65 30.1 16.9 56.9

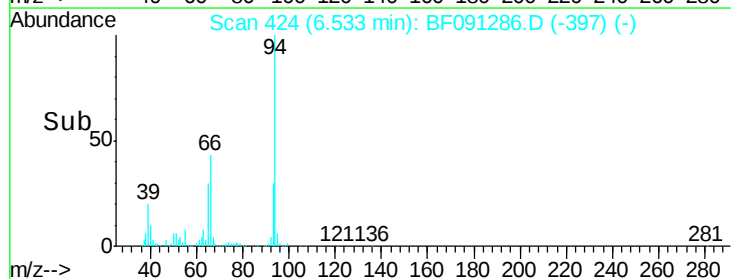
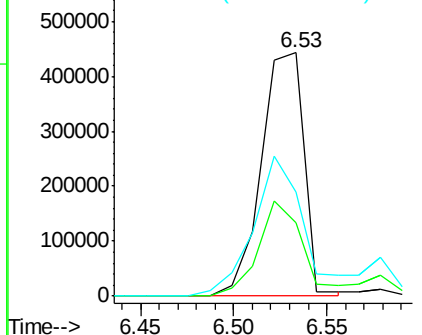
66 42.7 30.6 70.6

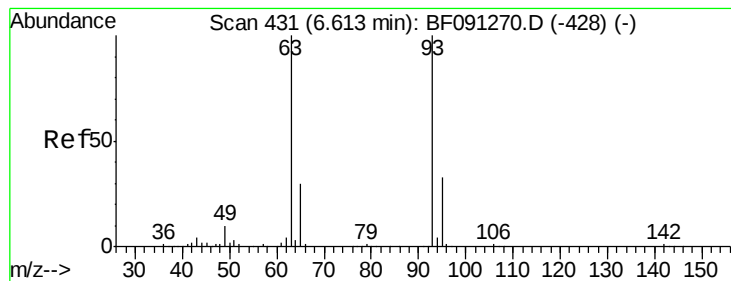


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 46.71 ng

RT: 6.62 min Scan# 432

Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

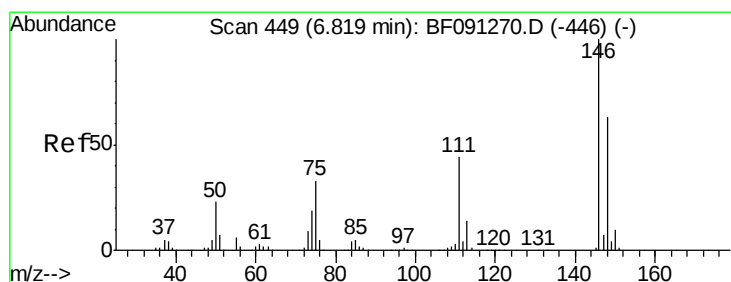
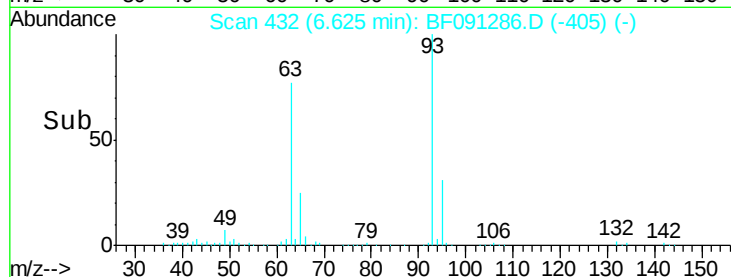
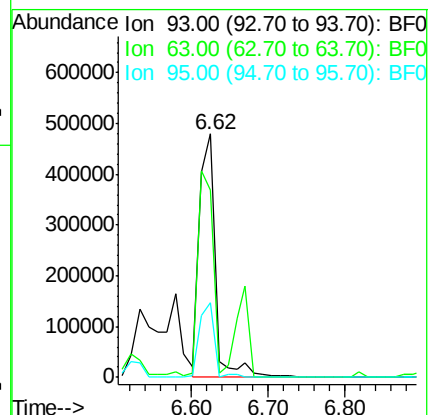
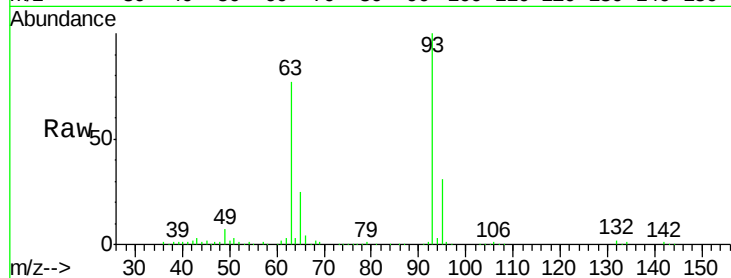
Tgt Ion: 93 Resp: 686993

Ion Ratio Lower Upper

93 100

63 77.0 74.8 114.8

95 30.8 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 37.27 ng

RT: 6.90 min Scan# 456

Delta R.T. 0.08 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

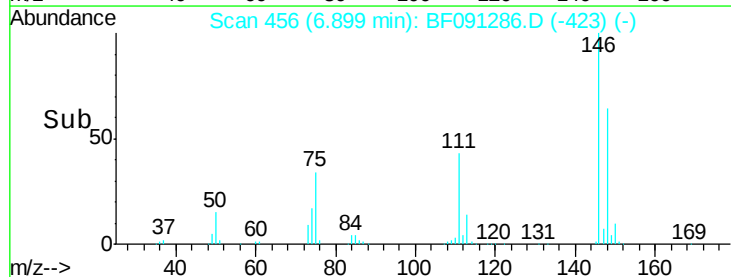
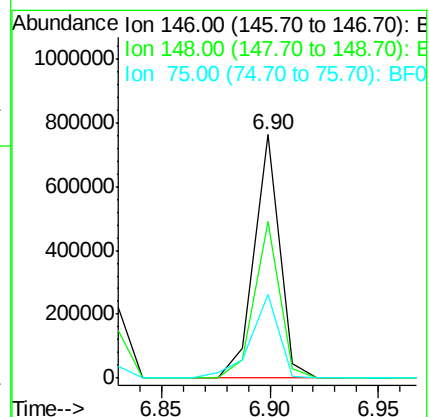
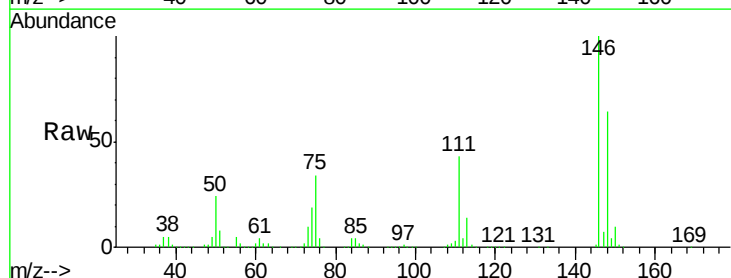
Tgt Ion: 146 Resp: 617693

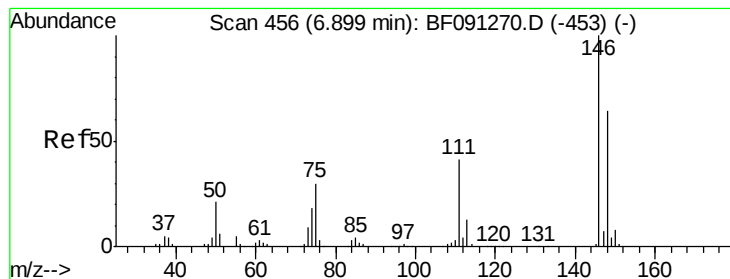
Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

75 34.3 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 36.41 ng

RT: 6.90 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

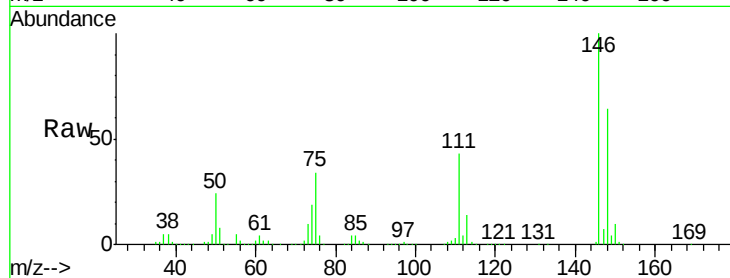
Tgt Ion:146 Resp: 617693

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

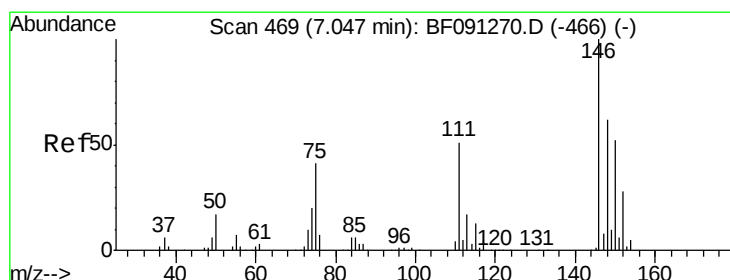
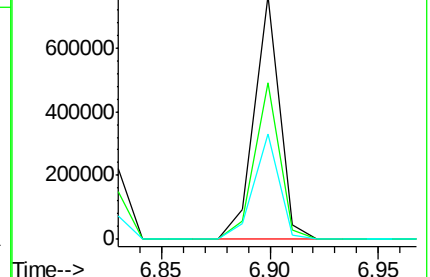
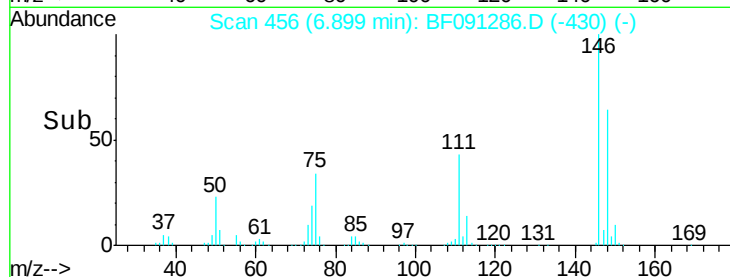
111 43.3 32.2 48.2



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



#14

1,2-Dichlorobenzene

Concen: 38.37 ng

RT: 6.90 min Scan# 456

Delta R.T. -0.15 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

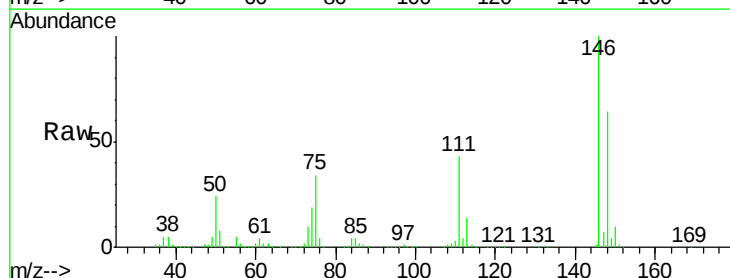
Tgt Ion:146 Resp: 617693

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.6

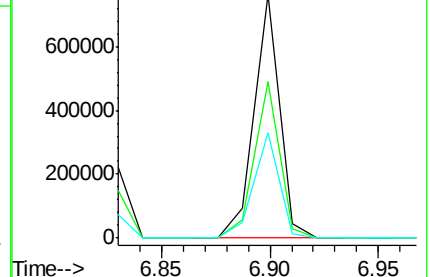
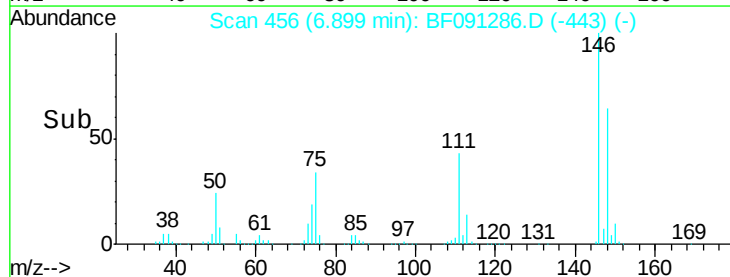
111 43.3 38.9 58.3

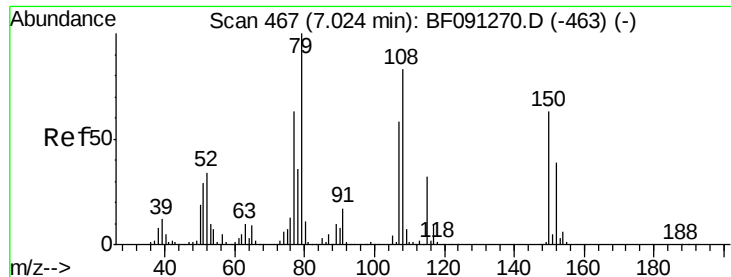


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.47 ng

RT: 7.02 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

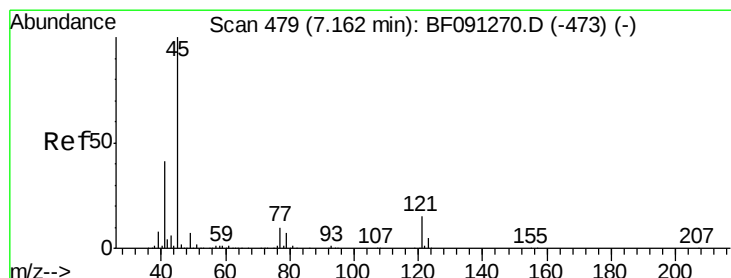
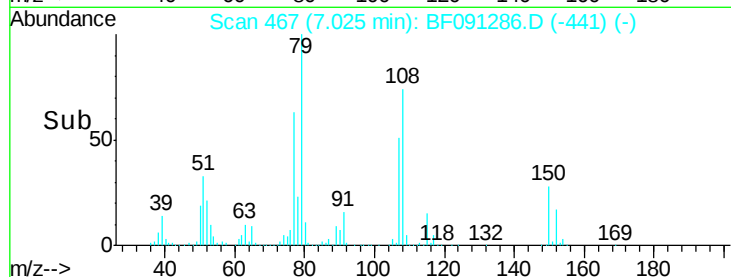
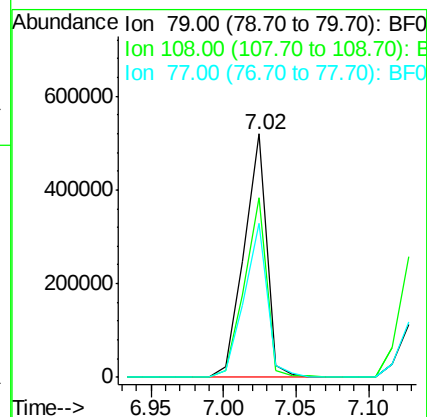
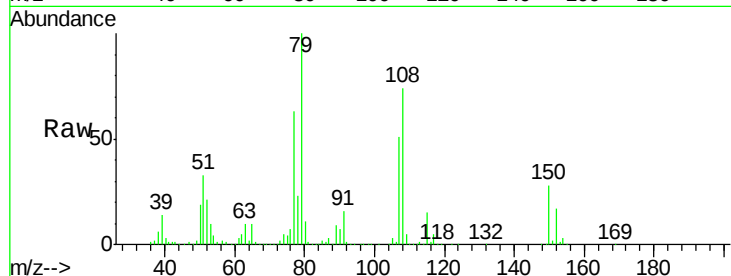
Tgt Ion: 79 Resp: 563500

Ion Ratio Lower Upper

79 100

108 73.6 62.7 94.1

77 63.2 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.05 ng

RT: 7.16 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

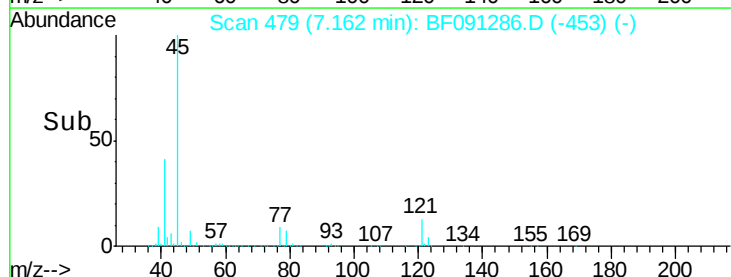
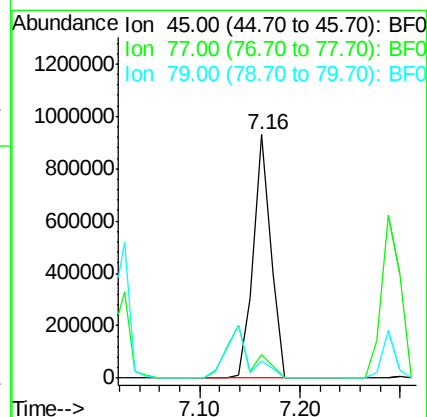
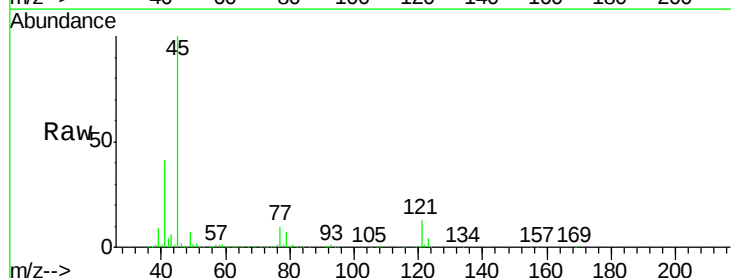
Tgt Ion: 45 Resp: 1130292

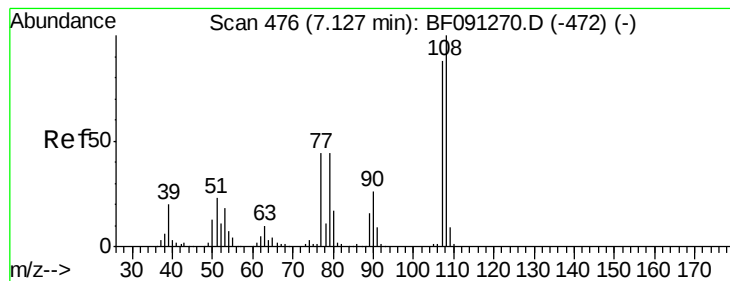
Ion Ratio Lower Upper

45 100

77 9.5 3.8 43.8

79 7.1 0.2 40.2





#17

2-Methylphenol

Concen: 41.23 ng

RT: 7.14 min Scan# 477

Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion:107 Resp: 495982

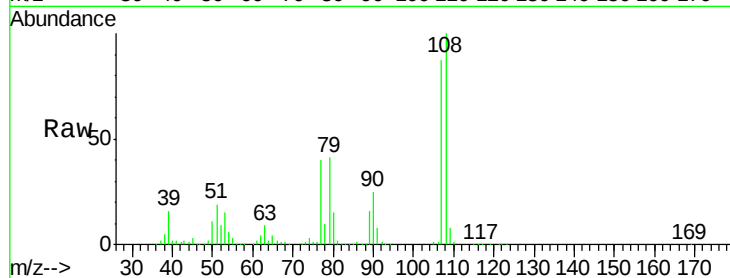
Ion Ratio Lower Upper

107 100

108 114.8 67.7 101.5#

77 46.4 40.7 61.1

79 46.7 23.4 35.2#

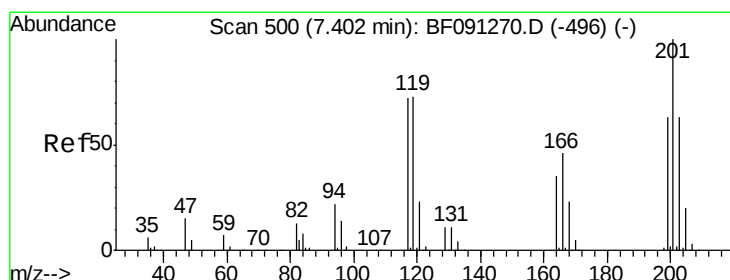
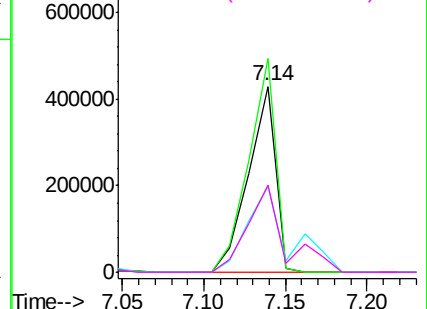
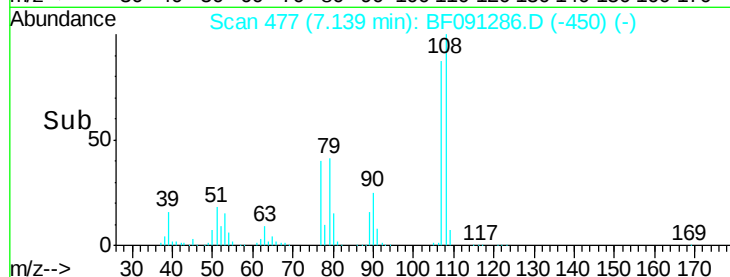


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.10 ng

RT: 7.40 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

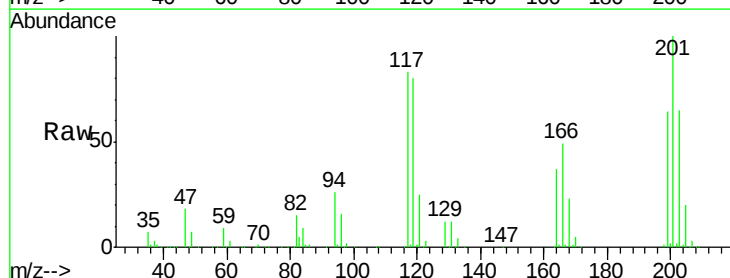
Tgt Ion:117 Resp: 224102

Ion Ratio Lower Upper

117 100

119 96.1 78.6 118.0

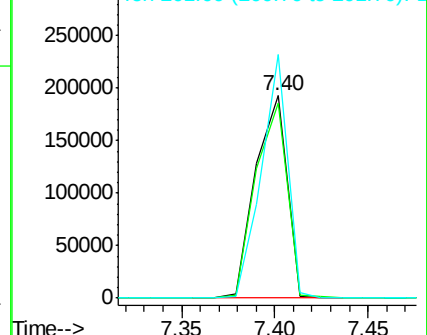
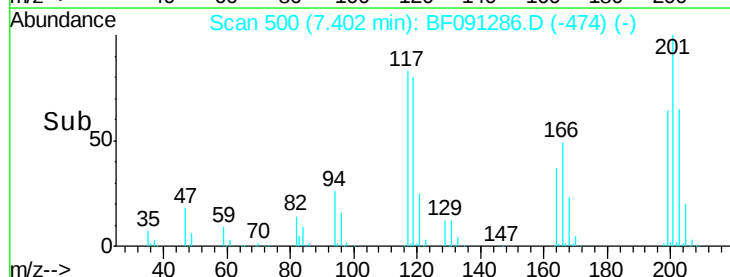
201 120.2 86.7 130.1

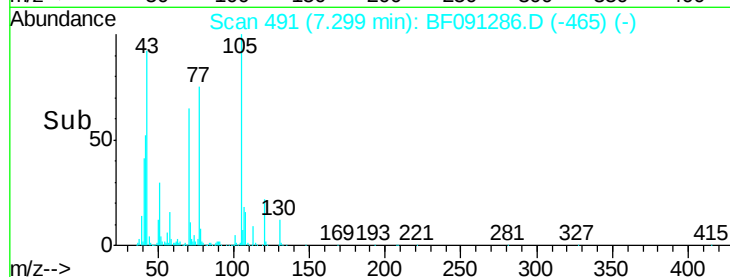
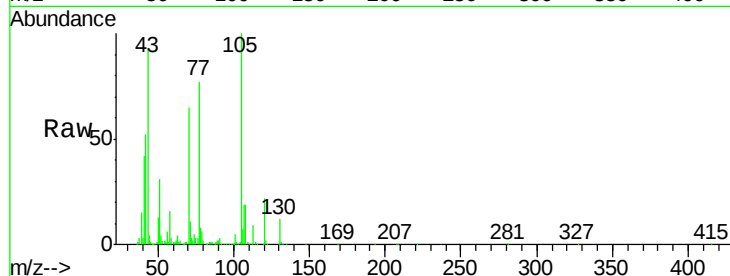
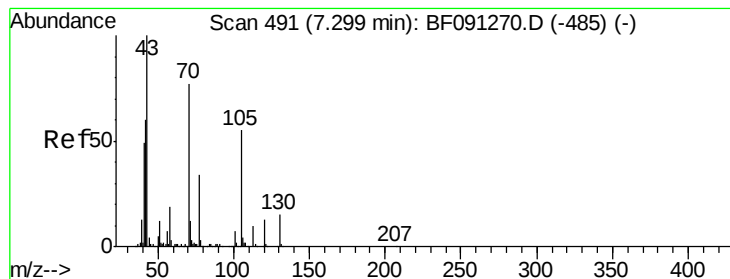


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.65 ng

RT: 7.30 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

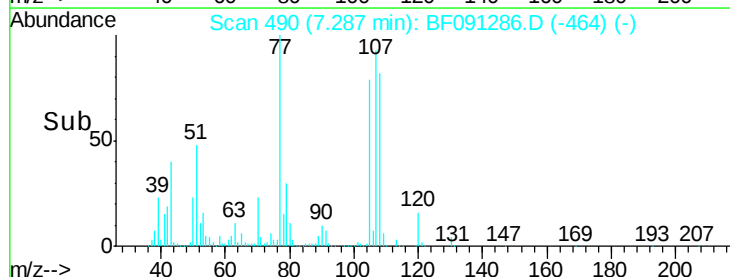
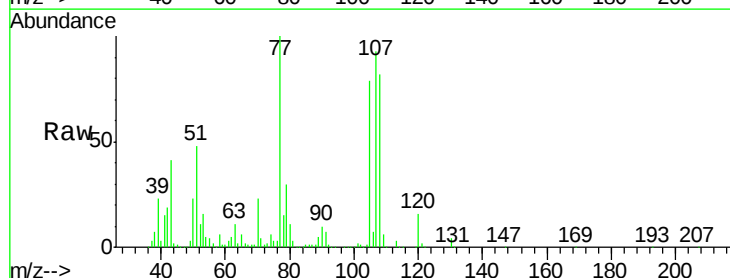
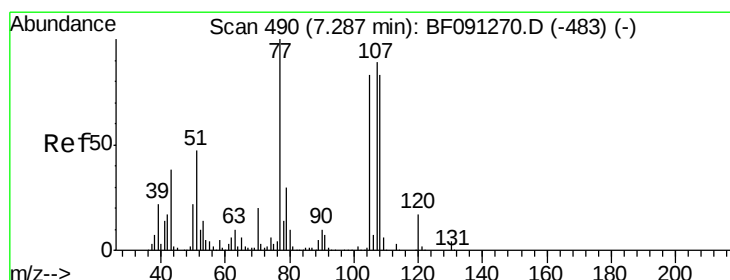
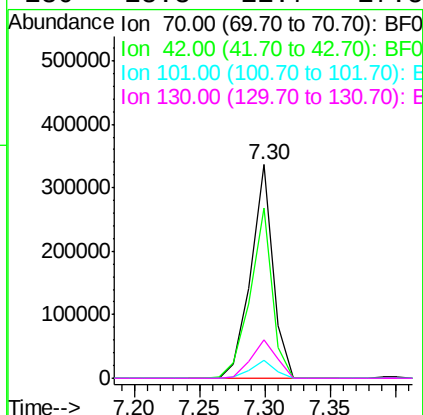
ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion: 70 Resp: 400952

Ion Ratio Lower Upper

70	100		
42	80.0	64.8	97.2
101	8.1	6.2	9.4
130	18.3	11.7	17.5#



#20

3+4-Methylphenols

Concen: 35.44 ng

RT: 7.29 min Scan# 490

Delta R.T. 0.00 min

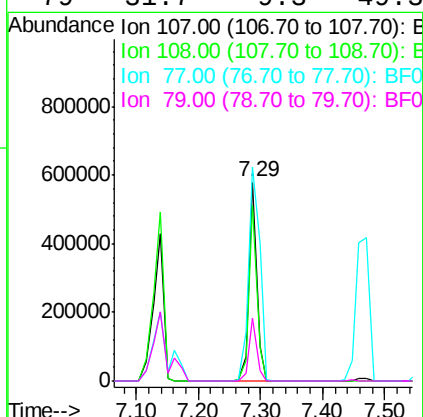
Lab File: BF091286.D

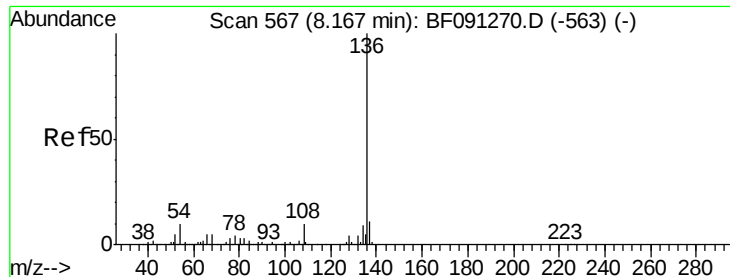
Acq: 23 Nov 2016 20:30

Tgt Ion: 107 Resp: 523223

Ion Ratio Lower Upper

107	100		
108	88.2	64.6	104.6
77	107.4	30.9	70.9#
79	31.7	9.3	49.3

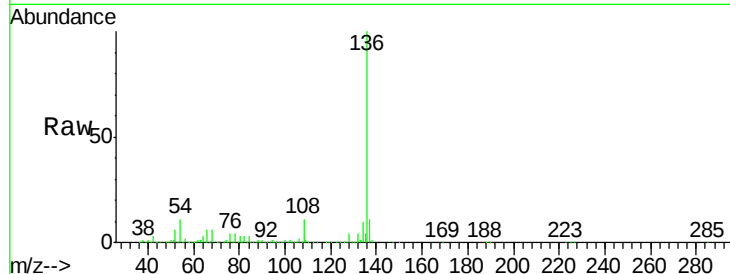




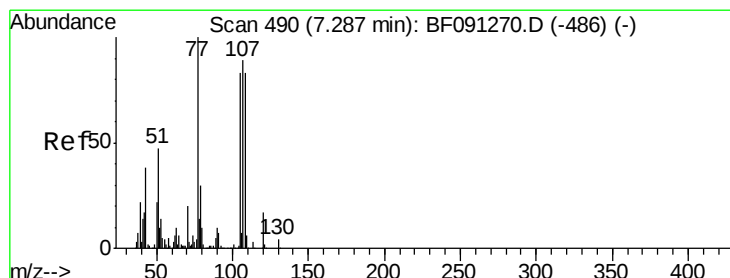
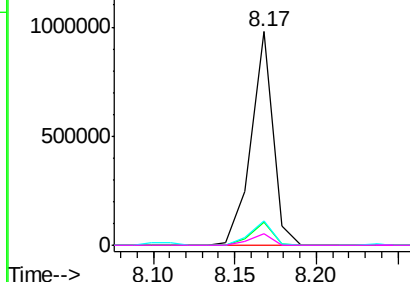
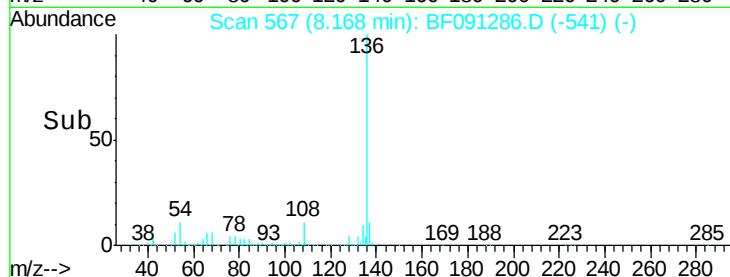
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MS

Tgt Ion:	136	Resp:	910289
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	11.5	9.1	13.7
68	5.6	5.9	8.9#

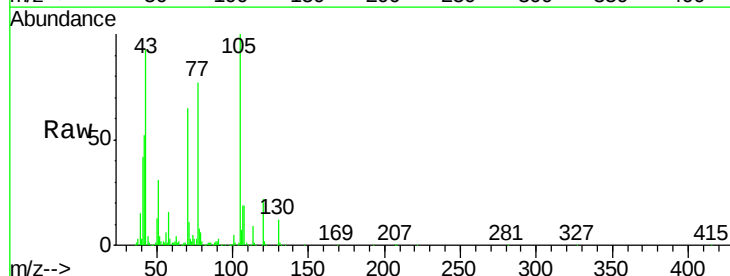


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

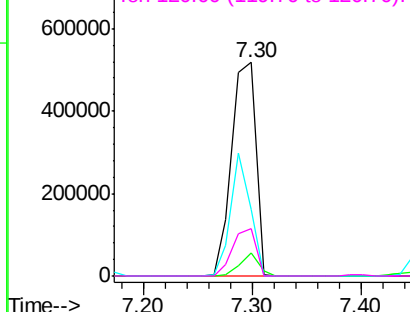
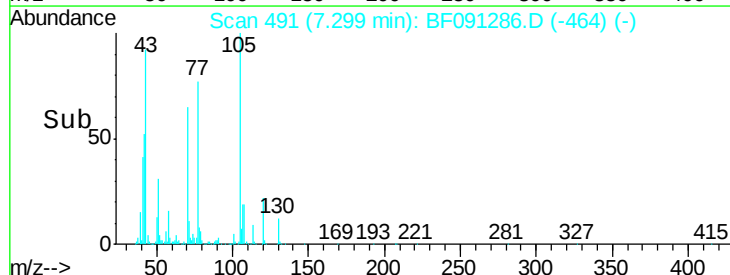


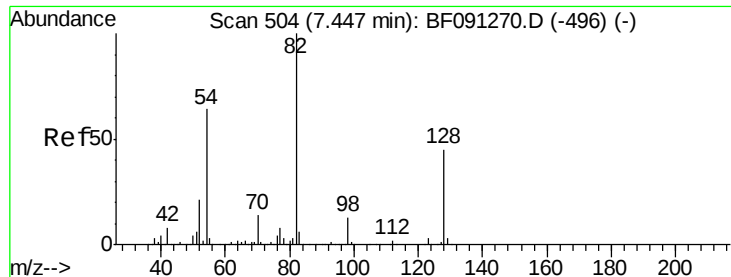
#22
Acetophenone
Concen: 38.55 ng
RT: 7.30 min Scan# 491
Delta R.T. 0.01 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Tgt Ion:	105	Resp:	791806
Ion	Ratio	Lower	Upper
105	100		
71	10.7	7.9	11.9
51	31.3	24.5	36.7
120	22.3	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

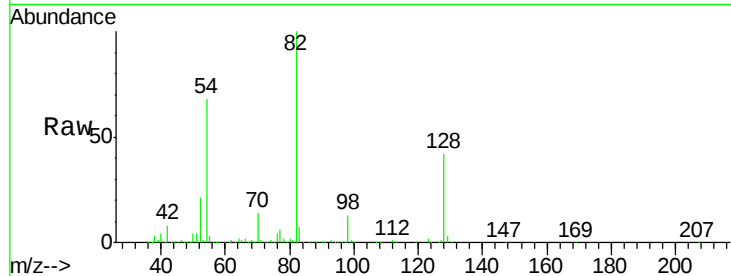




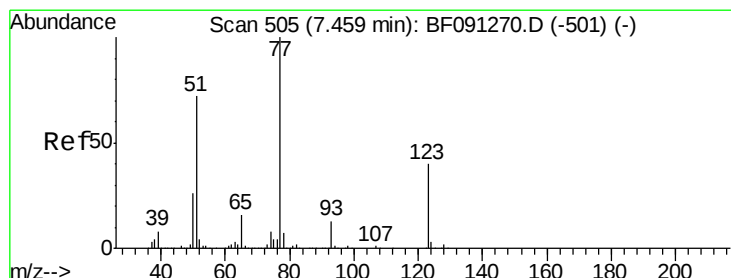
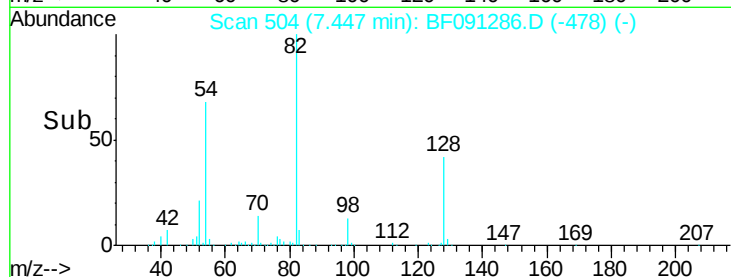
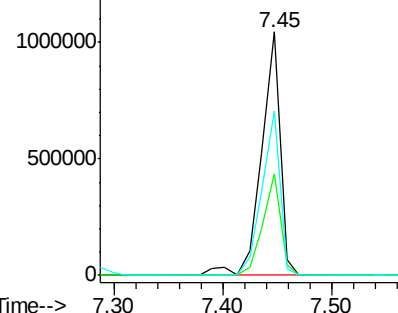
#23
Nitrobenzene-d5
Concen: 78.42 ng
RT: 7.45 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MS

Tgt Ion: 82 Resp: 1239922
Ion Ratio Lower Upper
82 100
128 41.7 31.8 47.6
54 67.7 49.1 73.7

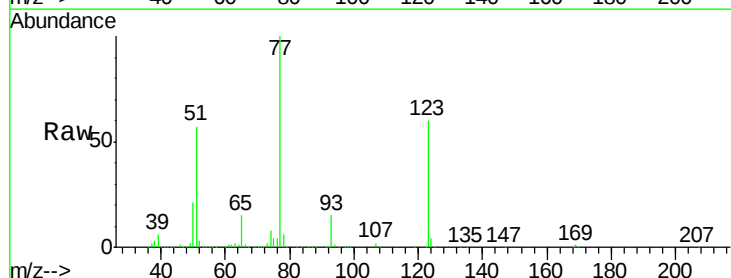


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

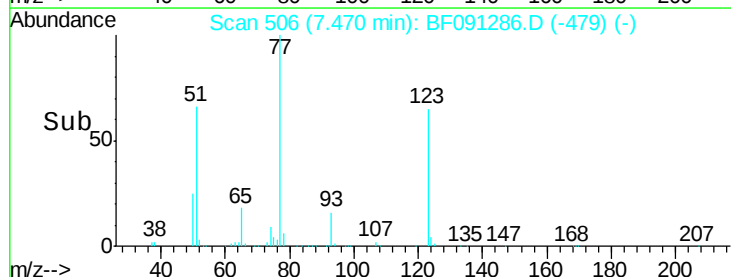
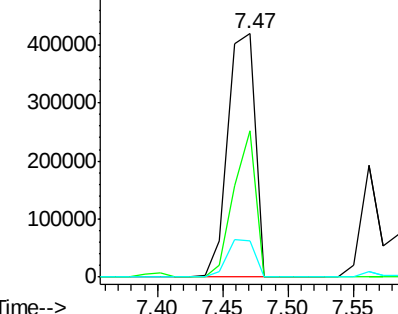


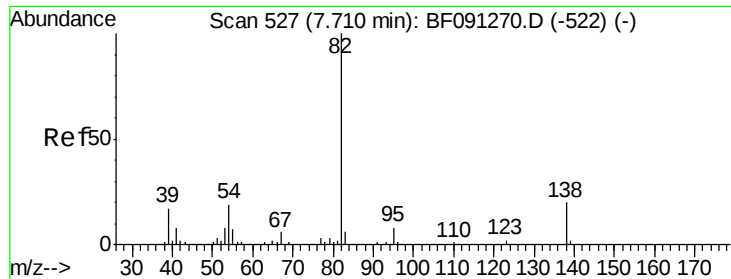
#24
Nitrobenzene
Concen: 36.56 ng
RT: 7.47 min Scan# 506
Delta R.T. 0.01 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Tgt Ion: 77 Resp: 611697
Ion Ratio Lower Upper
77 100
123 60.2 28.5 42.7#
65 14.7 12.5 18.7



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: 39.50 ng

RT: 7.71 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

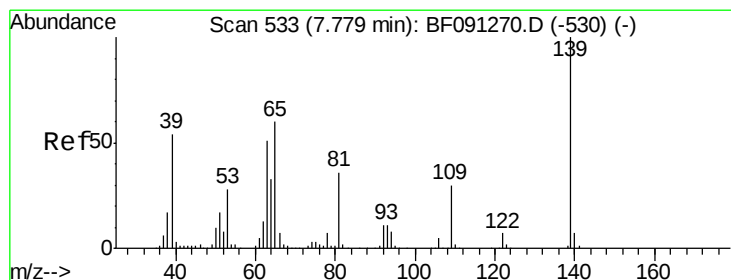
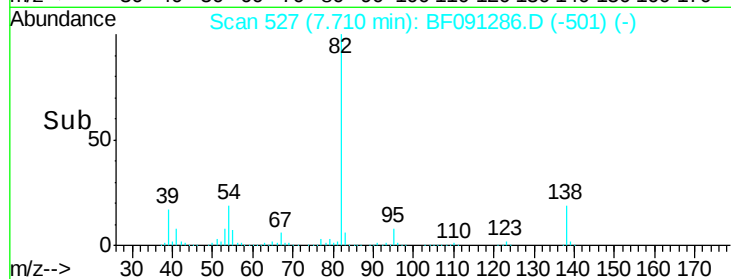
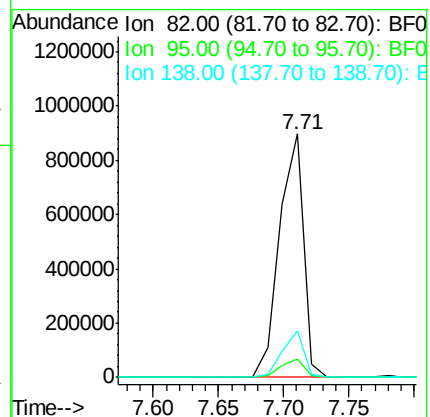
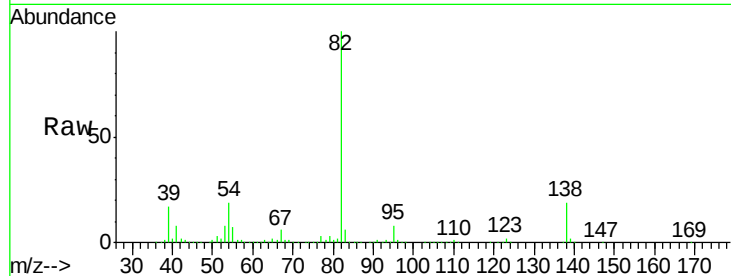
Tgt Ion: 82 Resp: 1166798

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

138 19.1 13.4 20.0



#26

2-Nitrophenol

Concen: 39.05 ng

RT: 7.78 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

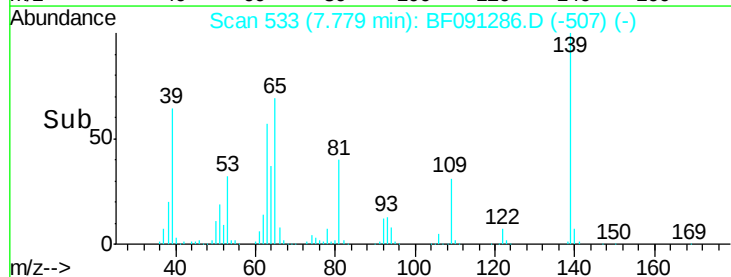
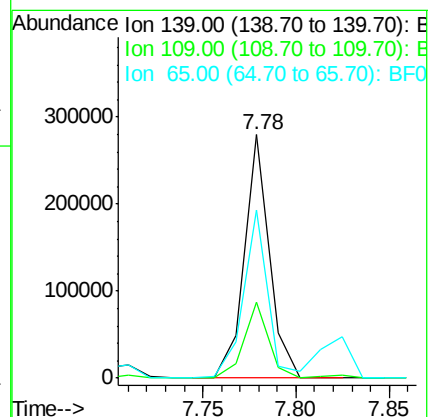
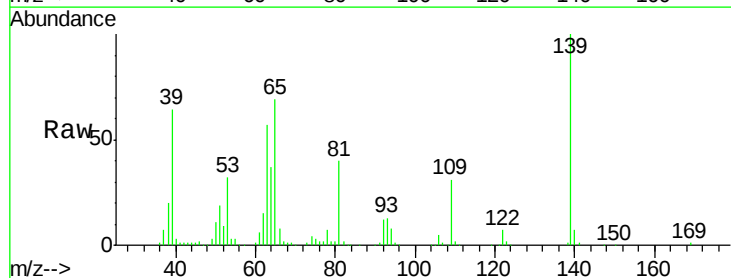
Tgt Ion: 139 Resp: 262021

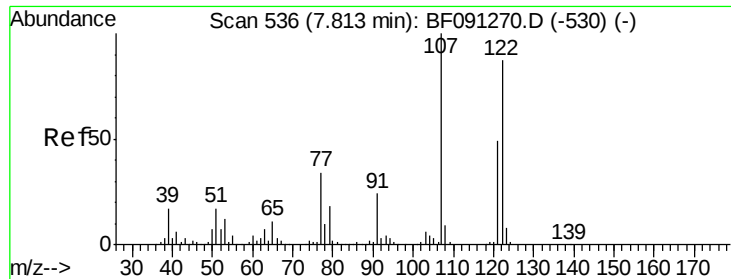
Ion Ratio Lower Upper

139 100

109 31.4 25.3 37.9

65 69.0 55.4 83.2





#27

2,4-Dimethylphenol

Concen: 40.02 ng

RT: 7.82 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

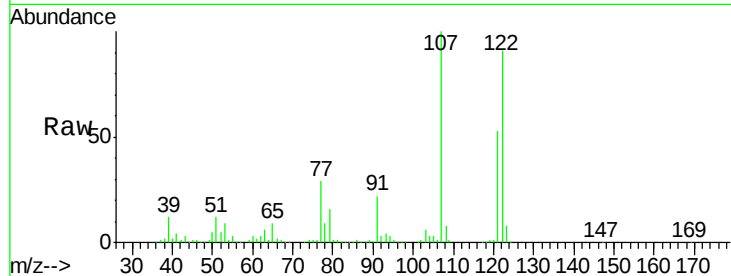
Tgt Ion:122 Resp: 563666

Ion Ratio Lower Upper

122 100

107 109.7 96.8 145.2

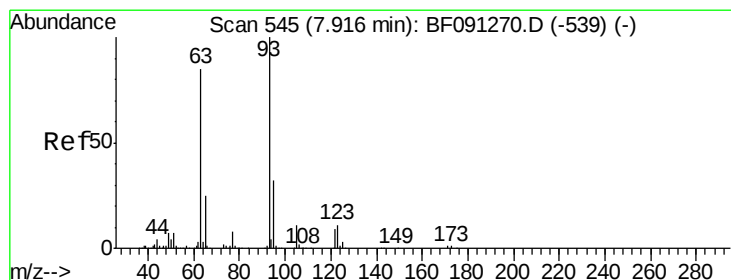
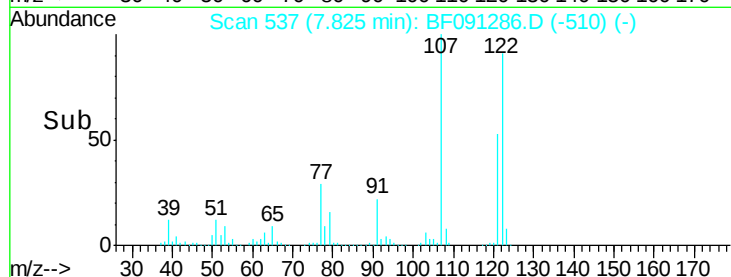
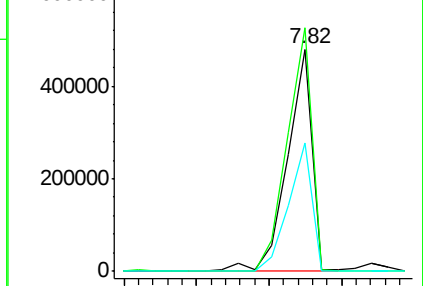
121 57.9 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.91 ng

RT: 7.92 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

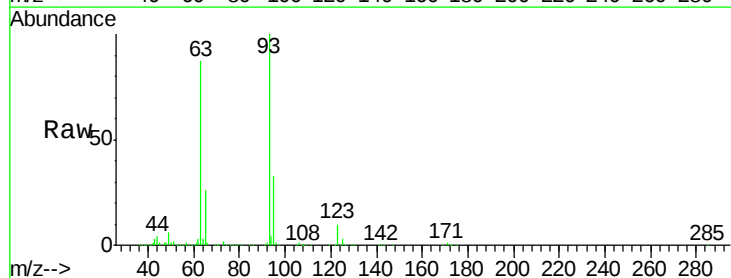
Tgt Ion: 93 Resp: 666626

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

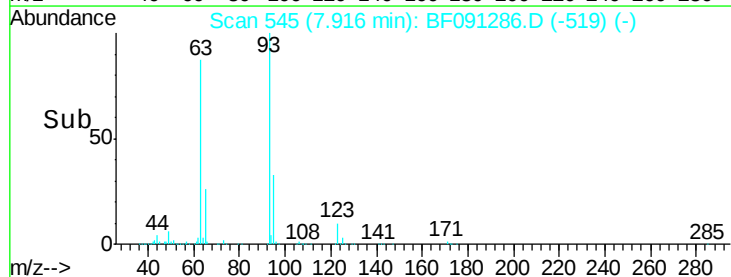
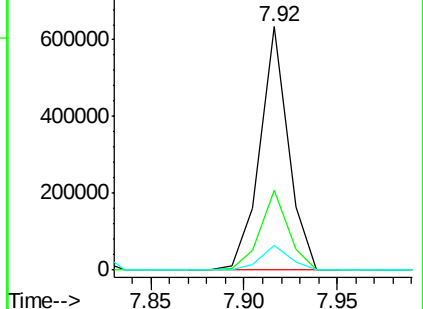
123 10.1 8.6 12.8

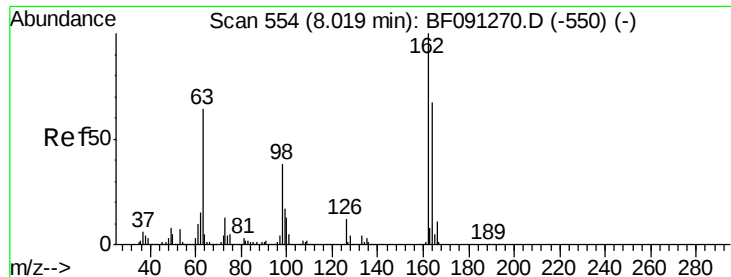


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

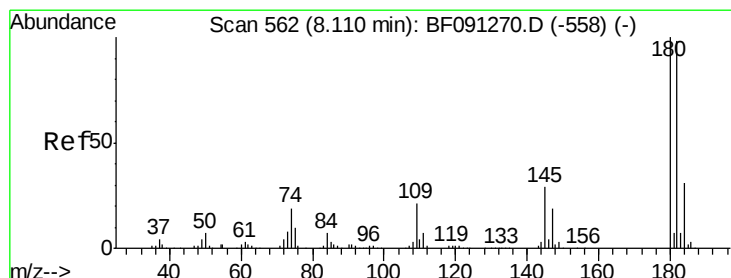
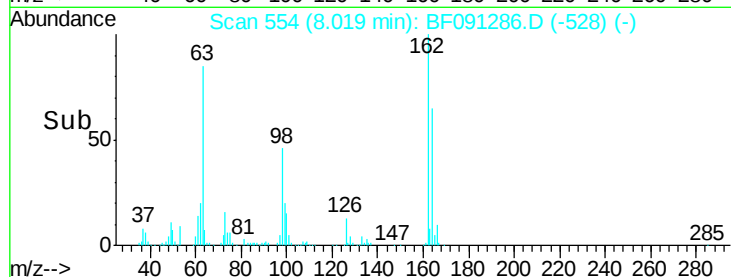
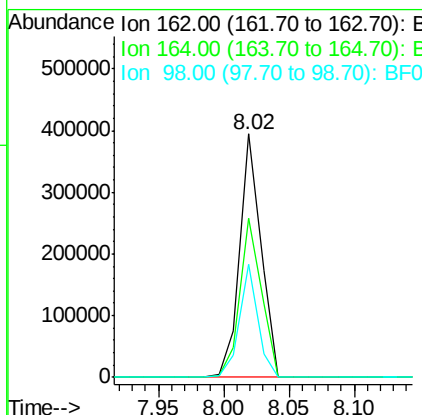
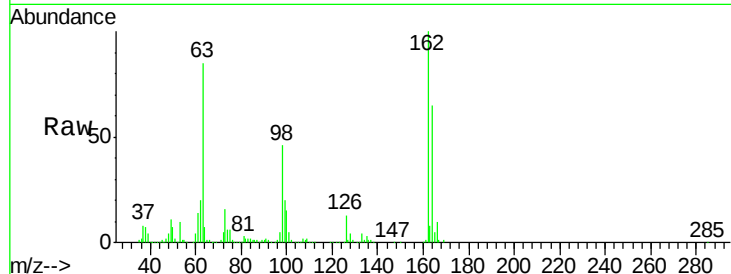




#29
2,4-Dichlorophenol
Concen: 35.88 ng
RT: 8.02 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

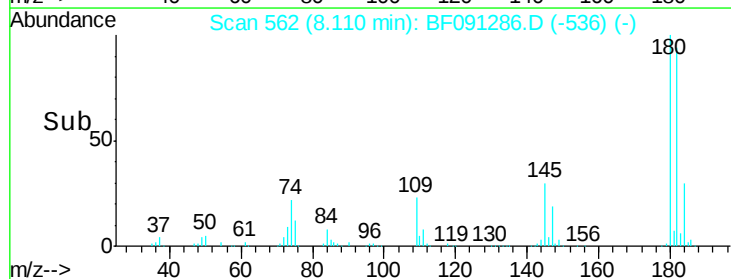
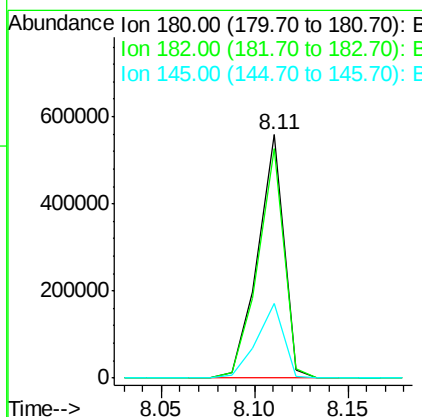
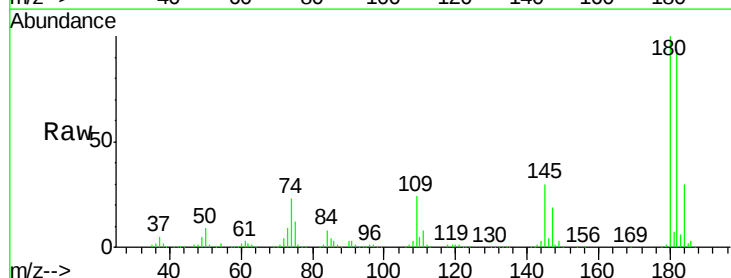
Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MS

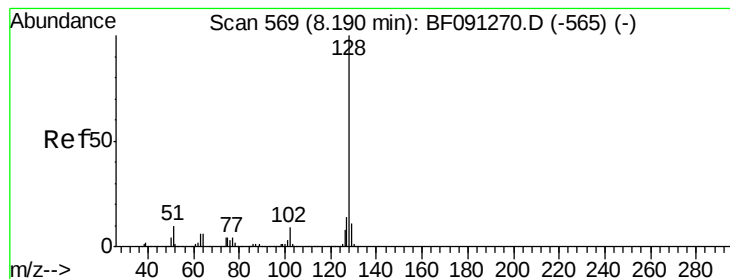
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	45.0	85.0
98	46.2	21.3	61.3



#30
1,2,4-Trichlorobenzene
Concen: 37.73 ng
RT: 8.11 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.8	113.8
145	30.5	27.0	40.4





#31

Naphthalene

Concen: 38.37 ng

RT: 8.19 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

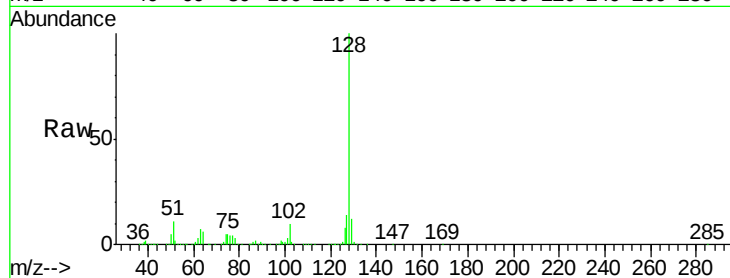
Tgt Ion:128 Resp: 1679985

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

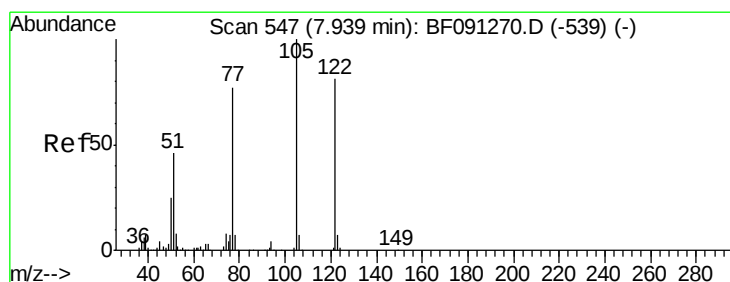
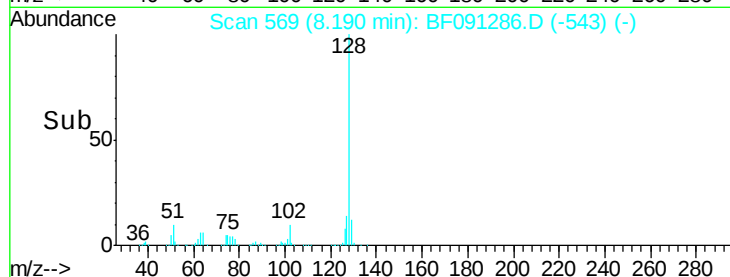
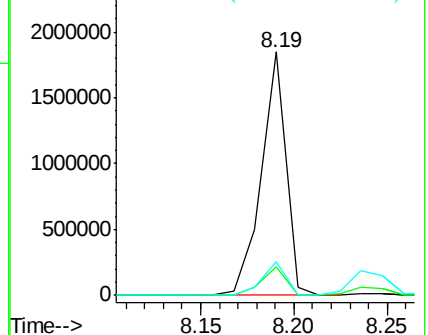
127 13.6 11.0 16.4



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: 2.10 ng

RT: 7.87 min Scan# 541

Delta R.T. -0.07 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

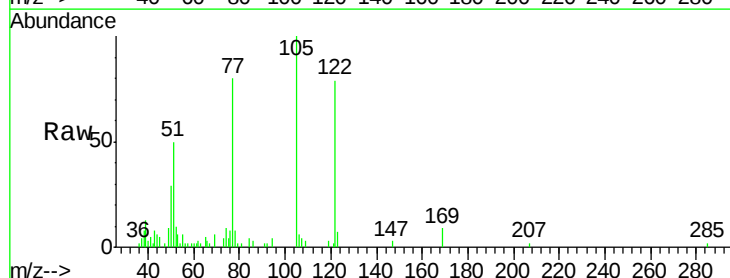
Tgt Ion:122 Resp: 23309

Ion Ratio Lower Upper

122 100

105 126.7 113.0 153.0

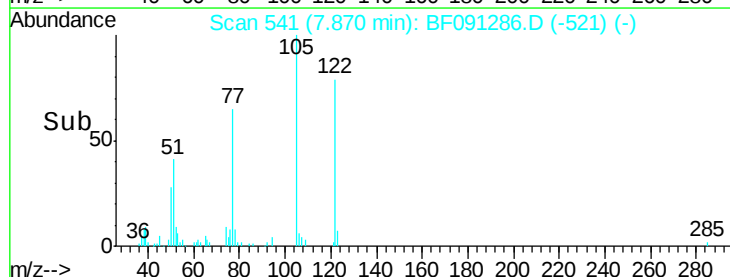
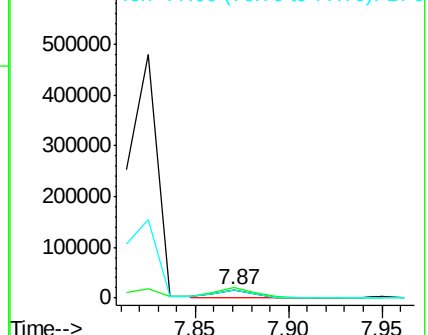
77 101.2 82.0 122.0

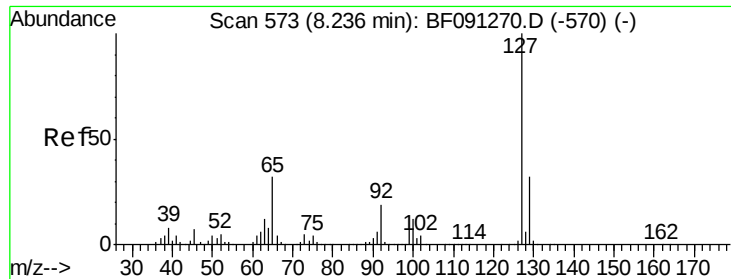


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

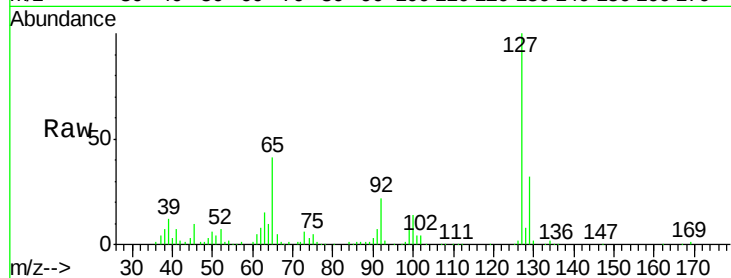




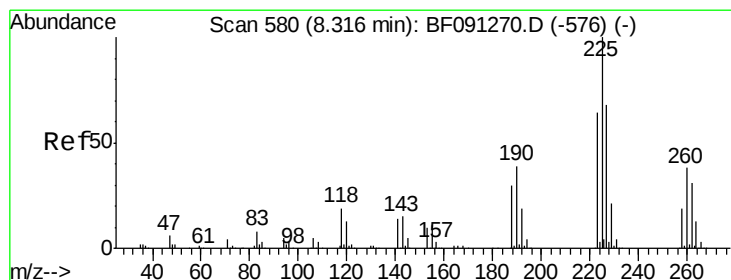
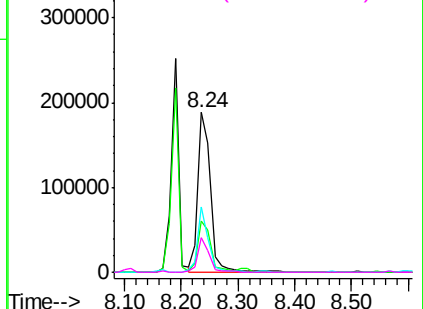
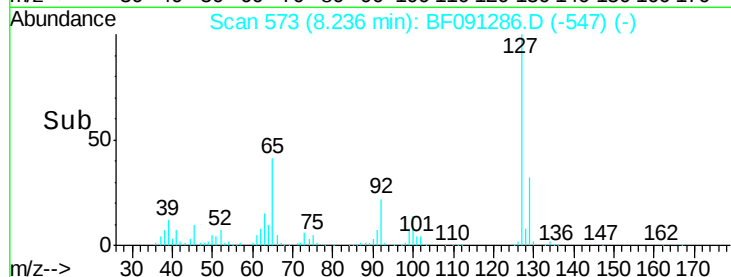
#33
4-Chloroaniline
Concen: 14.89 ng
RT: 8.24 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MS

Tgt Ion:	127	Resp:	283730
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	40.8	26.6	39.8#
92	21.6	15.4	23.0

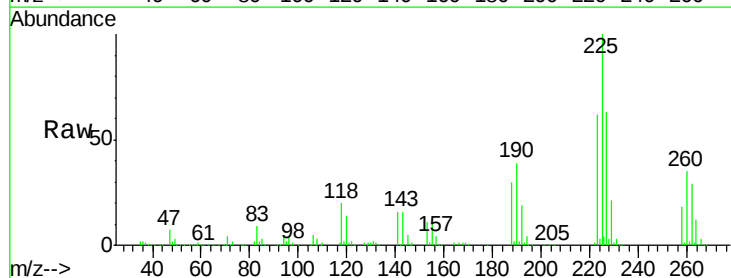


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

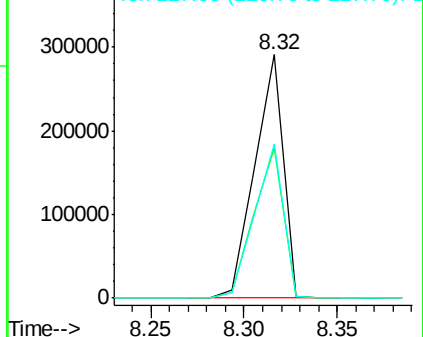
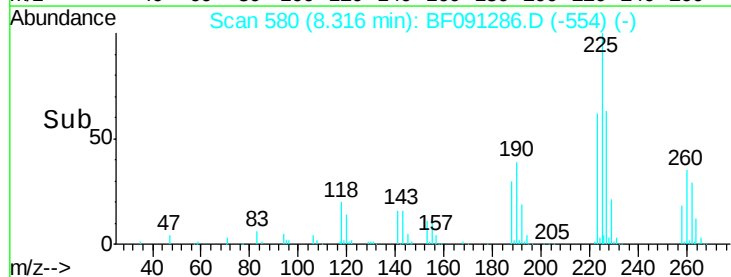


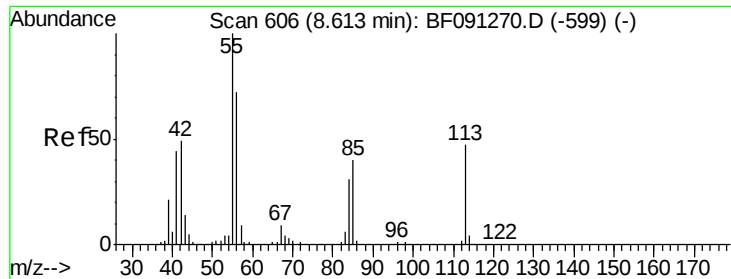
#34
Hexachlorobutadiene
Concen: 36.14 ng
RT: 8.32 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Tgt Ion:	225	Resp:	306315
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.8	74.6
227	63.4	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

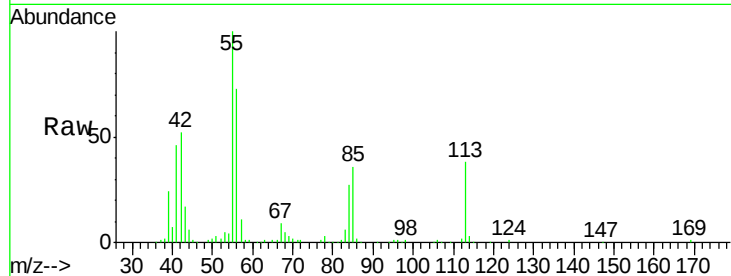




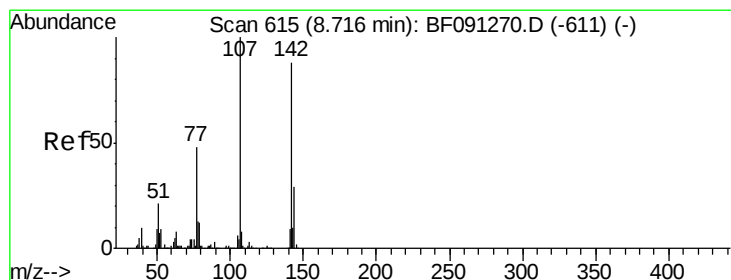
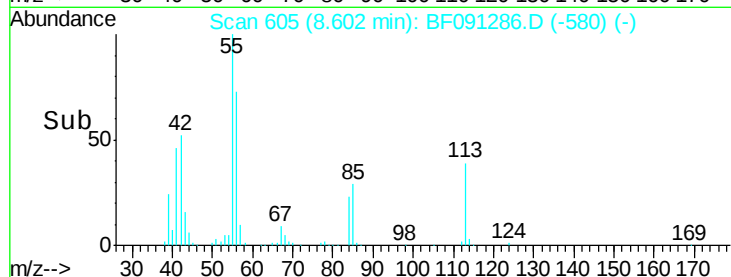
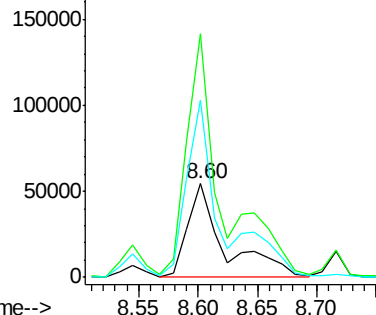
#35
 Caprolactam
 Concen: 30.45 ng
 RT: 8.60 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MS

Tgt Ion:113 Resp: 116824
 Ion Ratio Lower Upper
 113 100
 55 260.3 239.8 279.8
 56 189.9 165.6 205.6

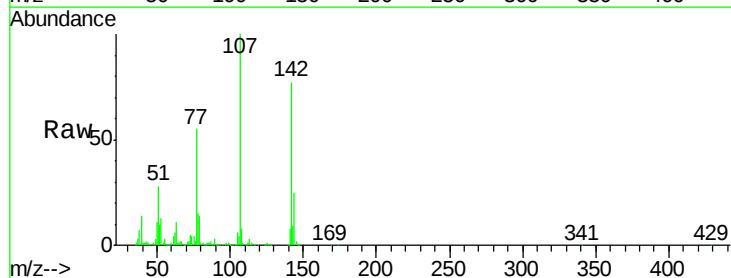


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

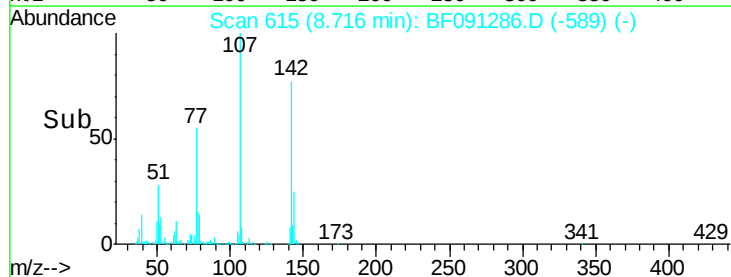
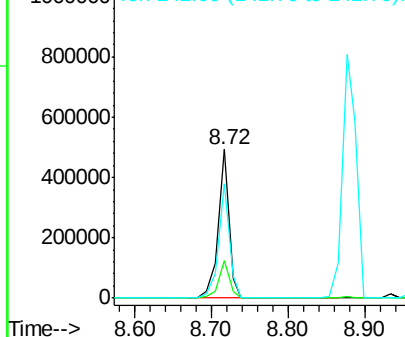


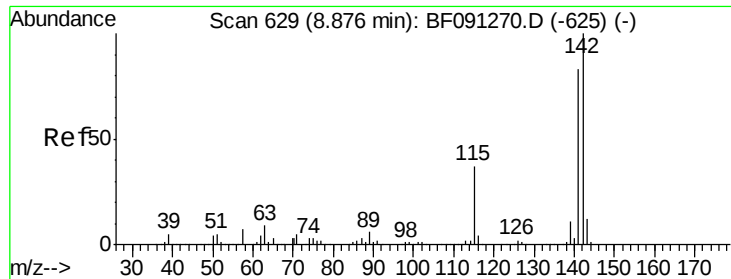
#36
 4-Chloro-3-methylphenol
 Concen: 35.82 ng
 RT: 8.72 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Tgt Ion:107 Resp: 479101
 Ion Ratio Lower Upper
 107 100
 144 25.2 18.9 28.3
 142 77.0 58.5 87.7



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

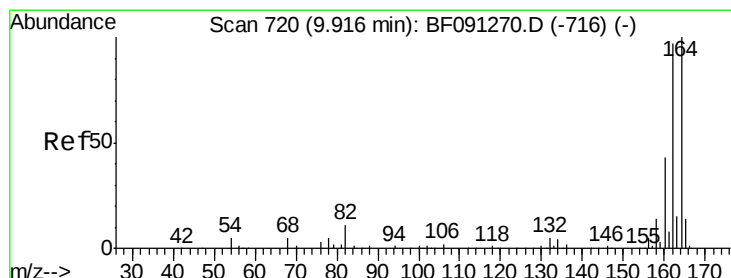
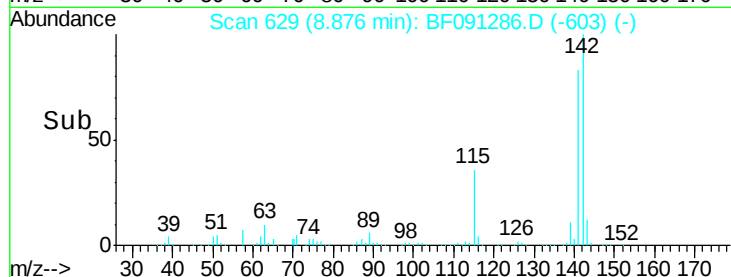
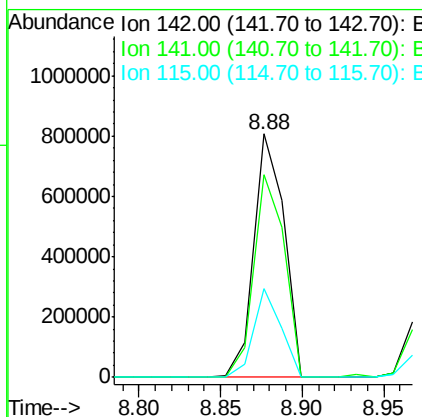
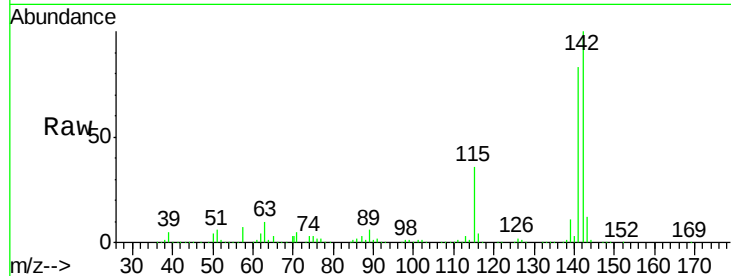




#37
 2-Methylnaphthalene
 Concen: 34.65 ng
 RT: 8.88 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

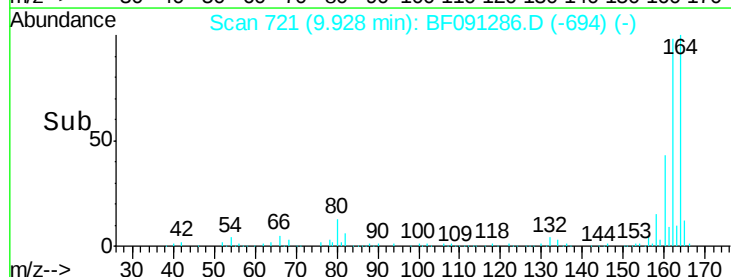
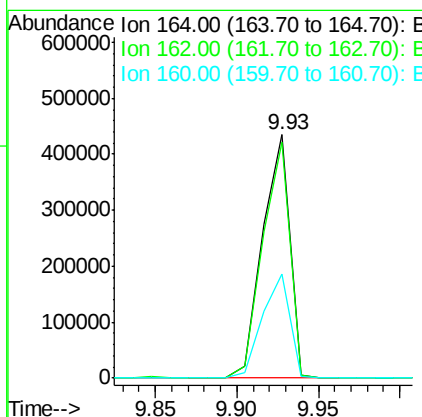
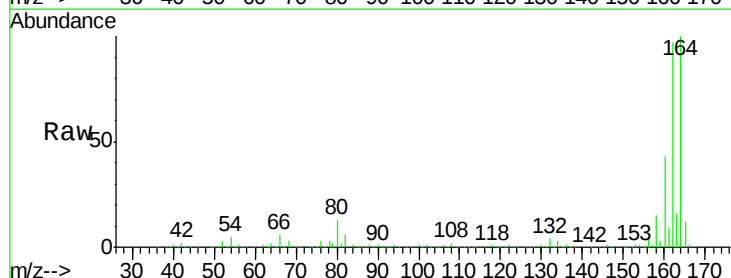
Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MS

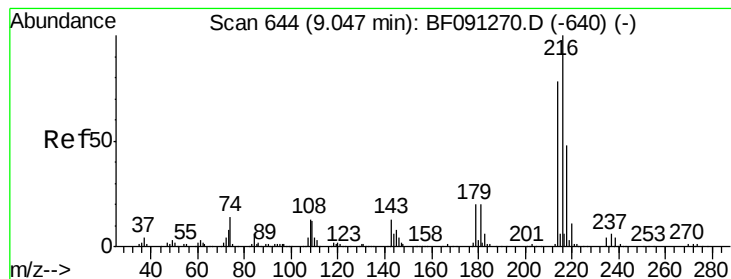
Tgt Ion:142 Resp: 1041284
 Ion Ratio Lower Upper
 142 100
 141 83.1 71.7 107.5
 115 36.5 25.0 37.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 721
 Delta R.T. 0.01 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Tgt Ion:164 Resp: 505799
 Ion Ratio Lower Upper
 164 100
 162 97.0 82.6 124.0
 160 42.8 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.41 ng

RT: 9.05 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion:216 Resp: 485320

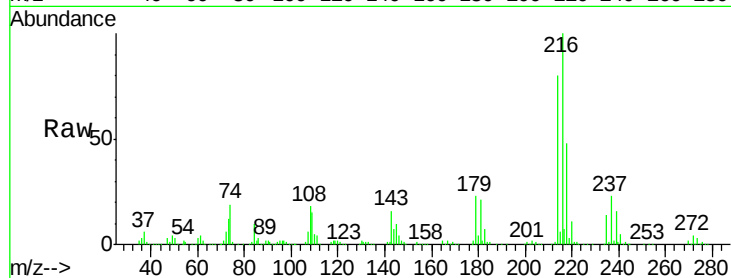
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.8

179 22.4 18.2 27.2

108 19.8 17.2 25.8

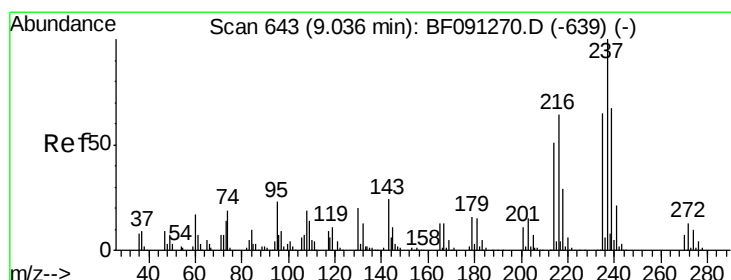
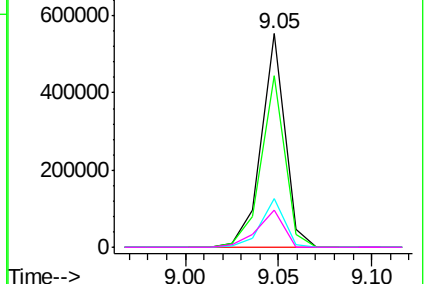
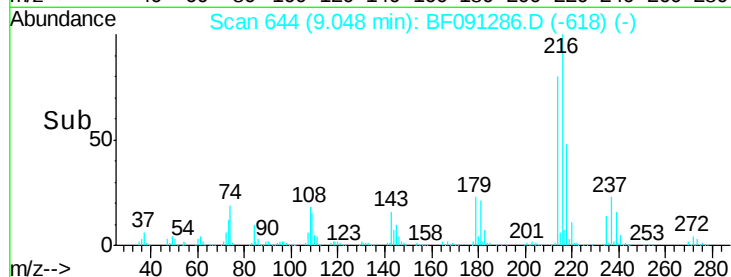


Abundance Ion 216.00 (215.70 to 216.70): E

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: 58.13 ng

RT: 9.04 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

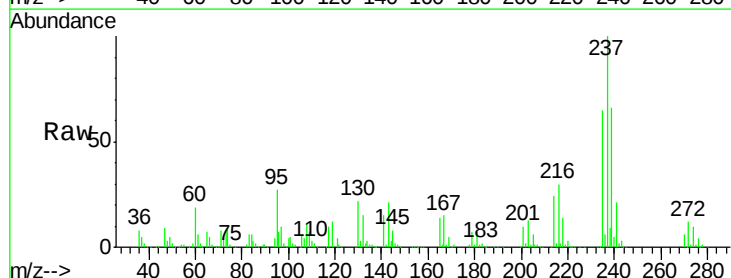
Tgt Ion:237 Resp: 356646

Ion Ratio Lower Upper

237 100

235 64.7 43.9 83.9

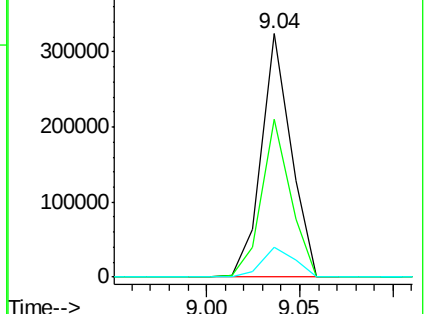
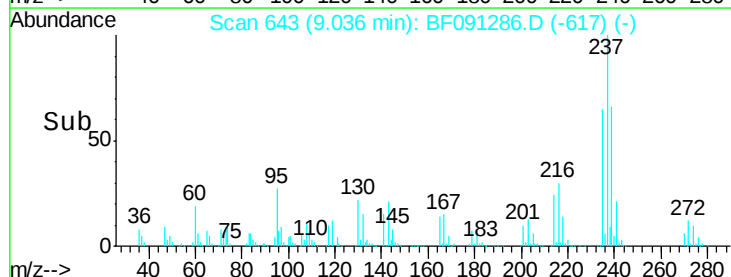
272 12.2 0.0 33.1

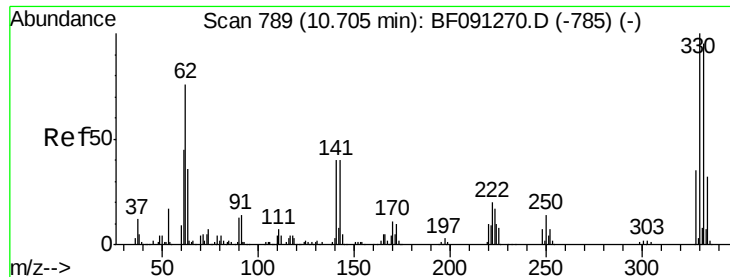


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

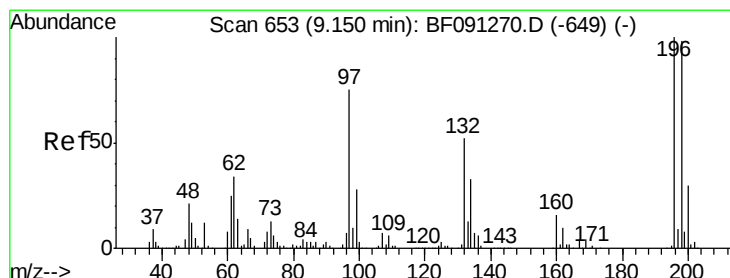
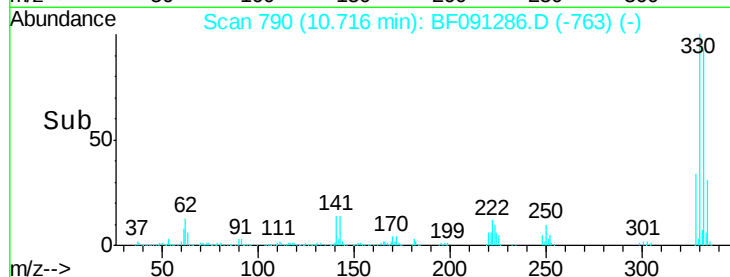
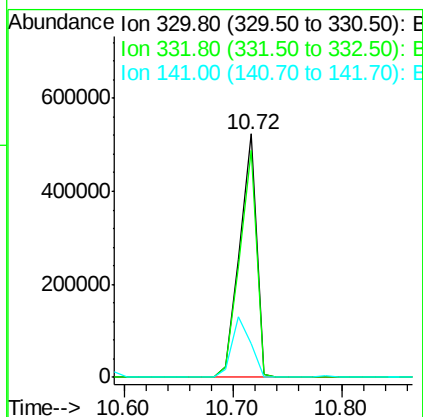
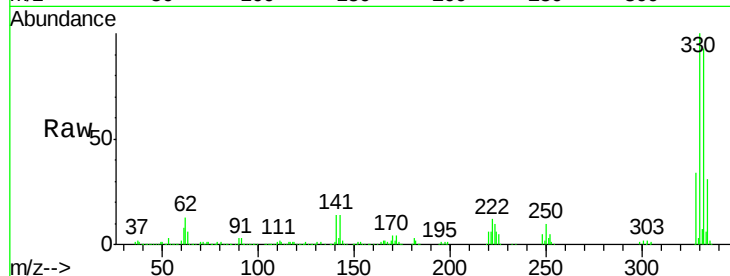




#41
 2,4,6-Tribromophenol
 Concen: 109.28 ng
 RT: 10.72 min Scan# 790
 Delta R.T. 0.01 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

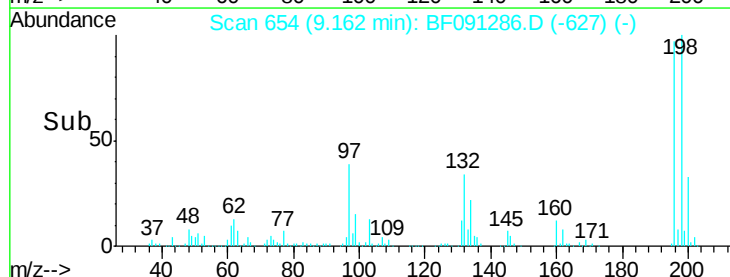
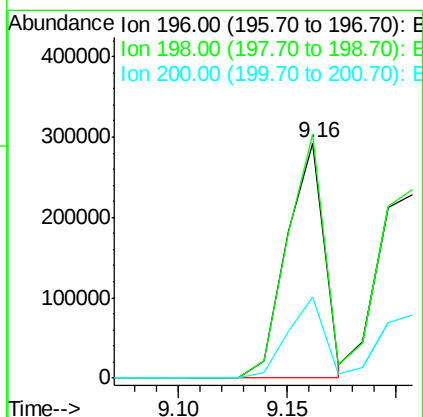
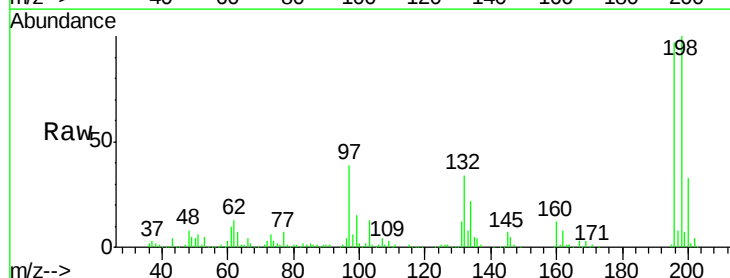
Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MS

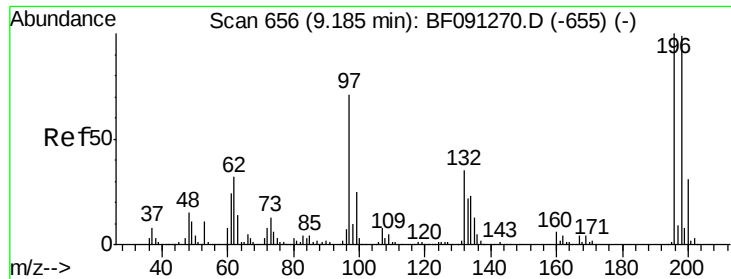
Tgt Ion:330 Resp: 557399
 Ion Ratio Lower Upper
 330 100
 332 93.8 76.2 114.4
 141 27.5 33.6 50.4#



#42
 2,4,6-Trichlorophenol
 Concen: 37.12 ng
 RT: 9.16 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Tgt Ion:196 Resp: 350925
 Ion Ratio Lower Upper
 196 100
 198 103.6 77.4 116.0
 200 34.6 25.2 37.8

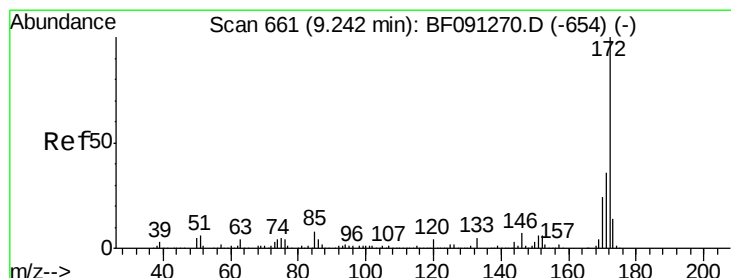
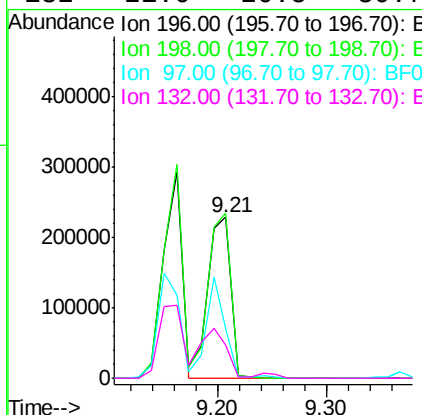
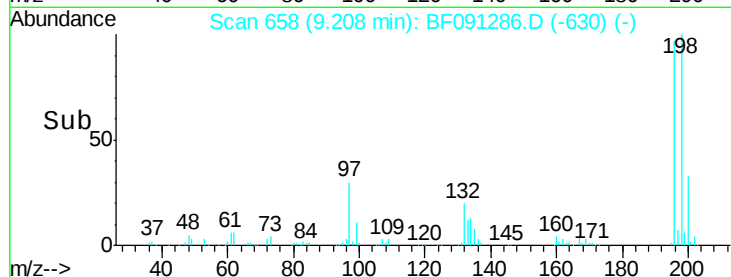
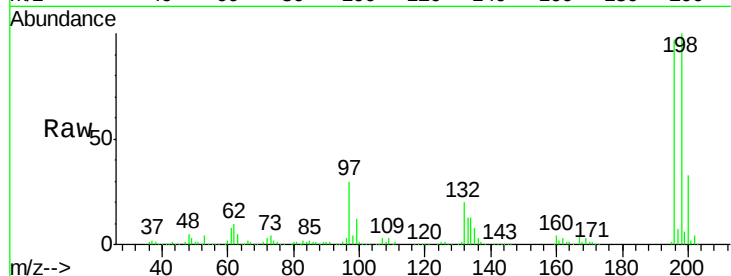




#43
 2,4,5-Trichlorophenol
 Concen: 37.17 ng
 RT: 9.21 min Scan# 658
 Delta R.T. 0.02 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

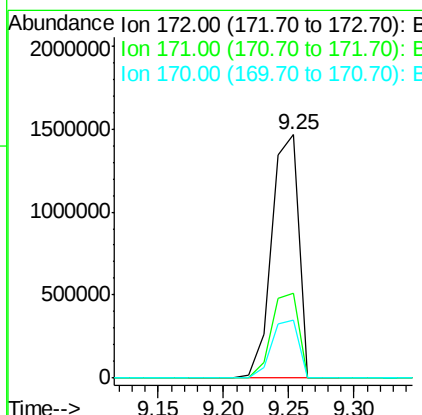
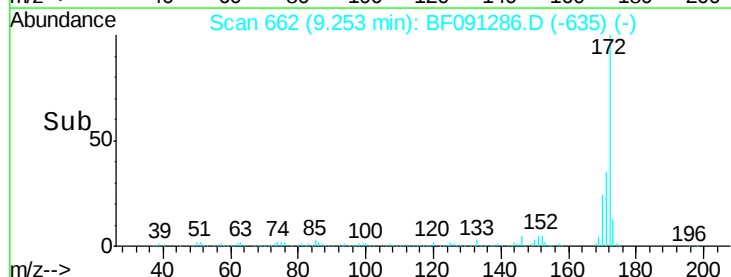
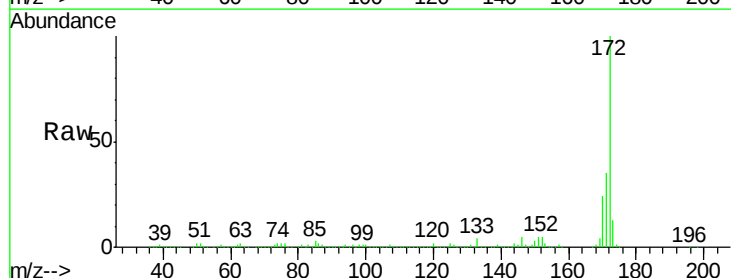
Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MS

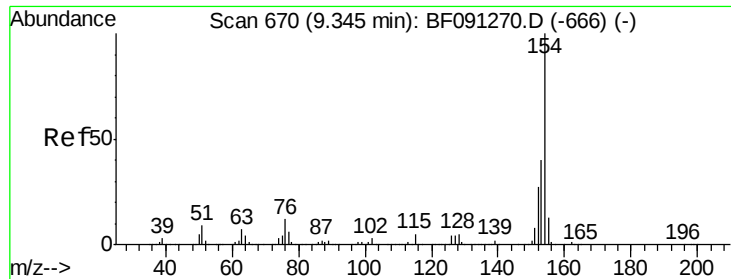
Tgt Ion:196 Resp: 337538
 Ion Ratio Lower Upper
 196 100
 198 102.8 77.0 115.6
 97 30.9 33.5 50.3#
 132 21.0 20.5 30.7



#44
 2-Fluorobiphenyl
 Concen: 68.76 ng
 RT: 9.25 min Scan# 662
 Delta R.T. 0.01 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Tgt Ion:172 Resp: 2124163
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.4 44.0
 170 23.8 19.7 29.5

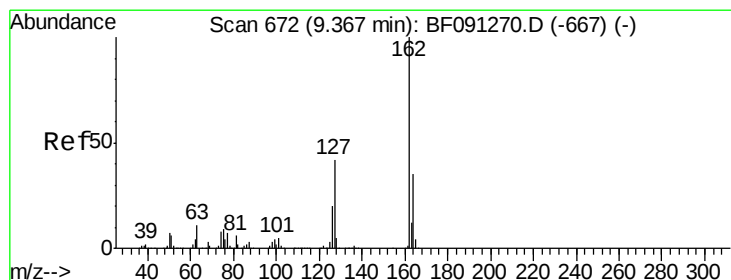
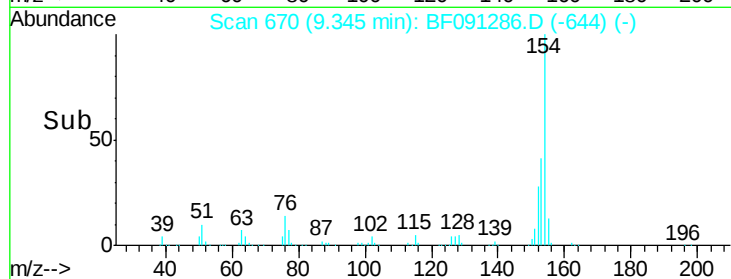
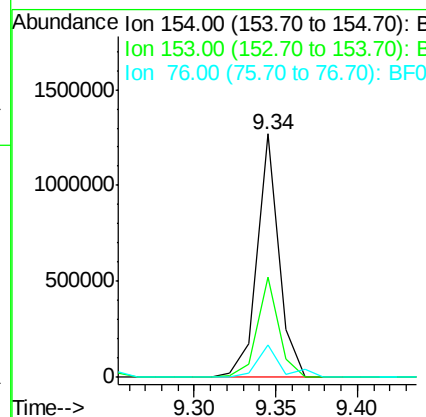
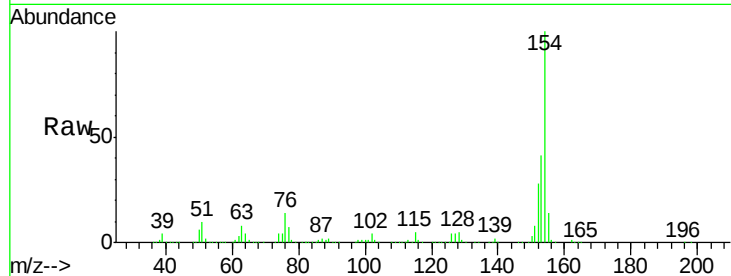




#45
 1,1'-Biphenyl
 Concen: 32.18 ng
 RT: 9.34 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

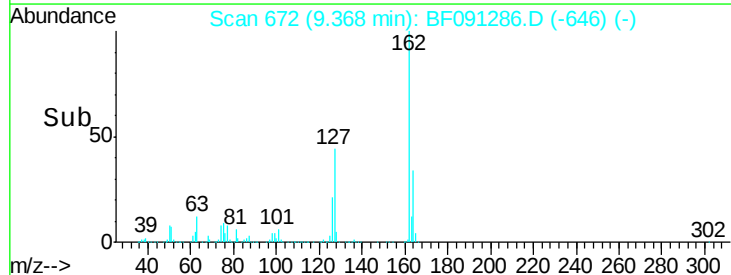
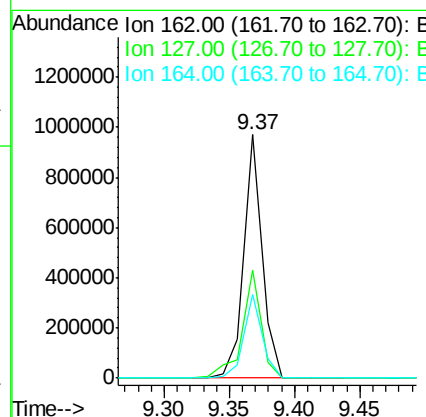
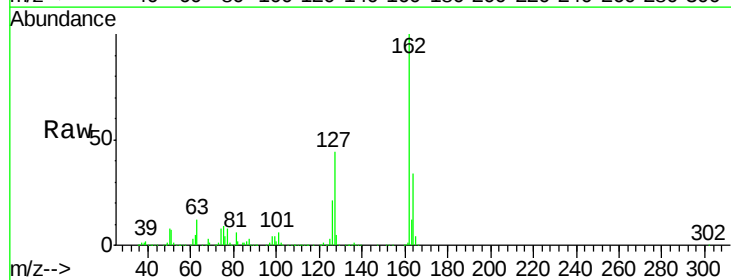
Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MS

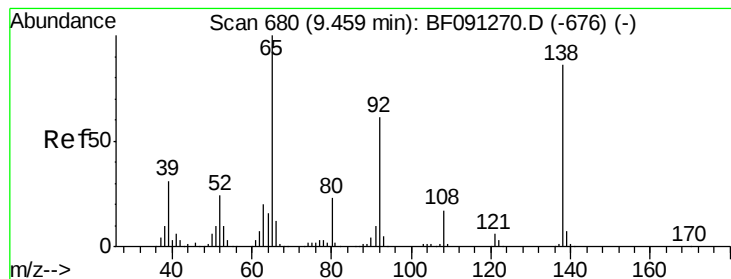
Tgt Ion:154 Resp: 1173527
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.6 60.6
 76 13.5 0.0 36.6



#46
 2-Chloronaphthalene
 Concen: 35.00 ng
 RT: 9.37 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Tgt Ion:162 Resp: 934846
 Ion Ratio Lower Upper
 162 100
 127 44.4 34.3 51.5
 164 34.4 26.6 40.0





#47

2-Nitroaniline

Concen: 36.16 ng

RT: 9.46 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

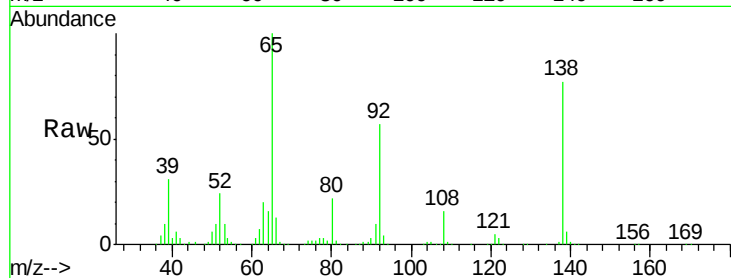
Tgt Ion: 65 Resp: 327737

Ion Ratio Lower Upper

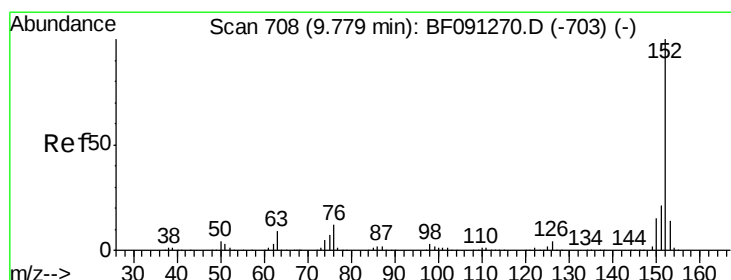
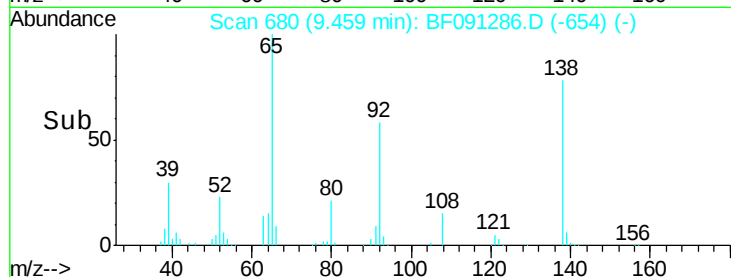
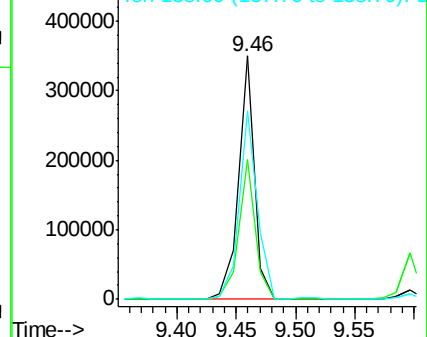
65 100

92 57.2 53.6 80.4

138 77.2 91.0 136.6#



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



#48

Acenaphthylene

Concen: 35.48 ng

RT: 9.79 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

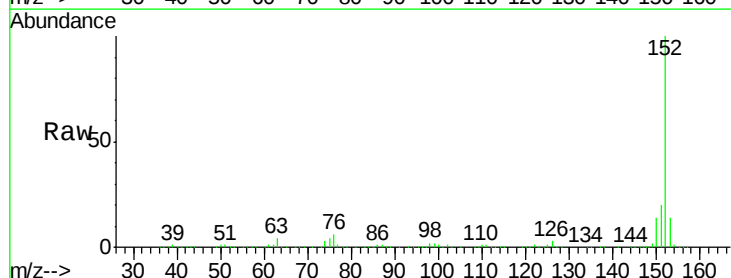
Tgt Ion: 152 Resp: 1518999

Ion Ratio Lower Upper

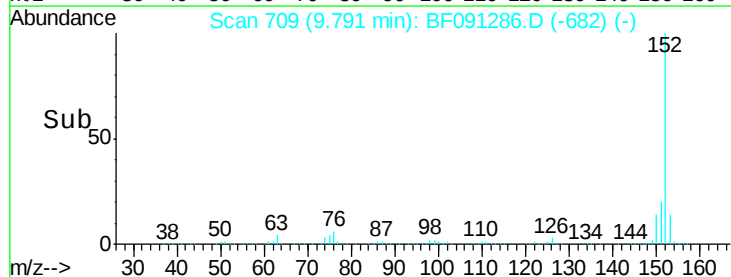
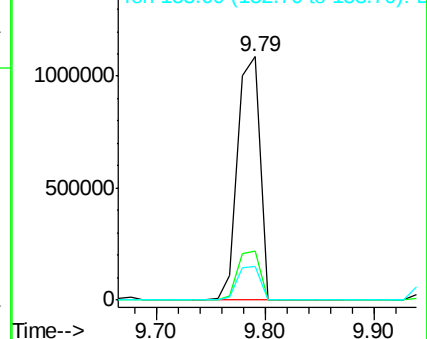
152 100

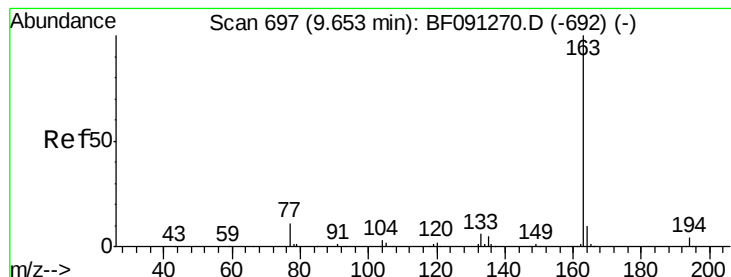
151 20.0 16.6 24.8

153 13.7 10.7 16.1



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





#49

Dimethylphthalate

Concen: 42.24 ng

RT: 9.65 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

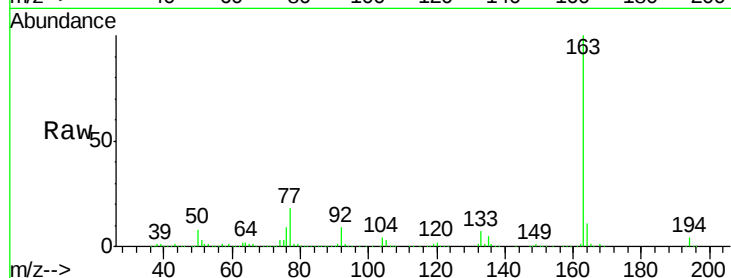
Tgt Ion:163 Resp: 1333906

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

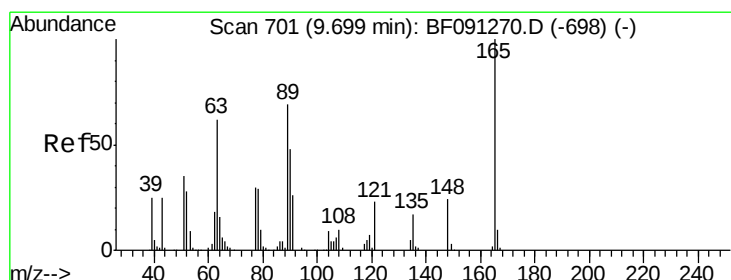
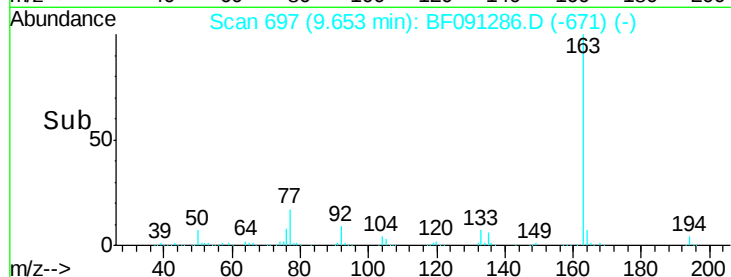
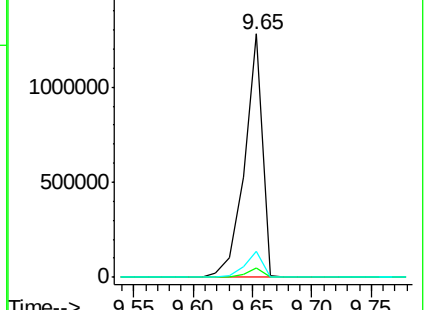
164 10.5 7.8 11.8



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: 40.09 ng

RT: 9.71 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

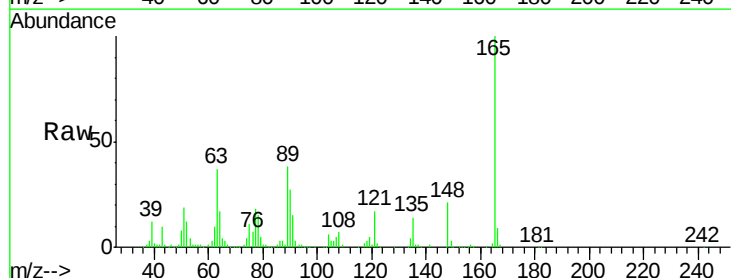
Tgt Ion:165 Resp: 276557

Ion Ratio Lower Upper

165 100

63 36.9 59.4 89.0#

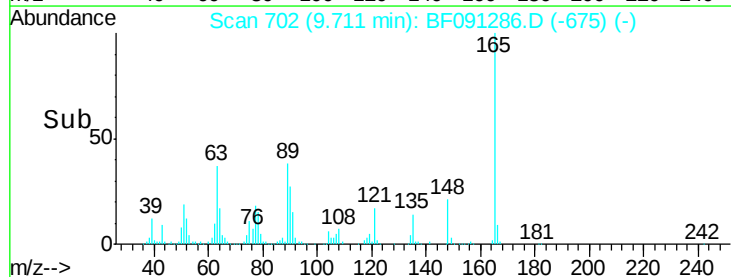
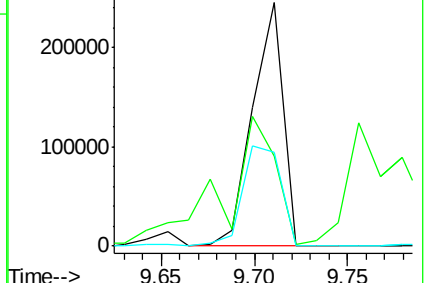
89 38.5 50.8 76.2#

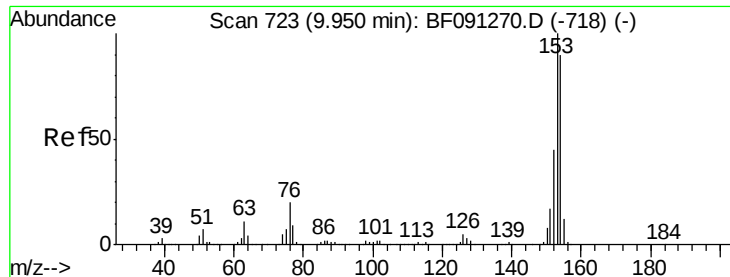


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.96 ng

RT: 9.96 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

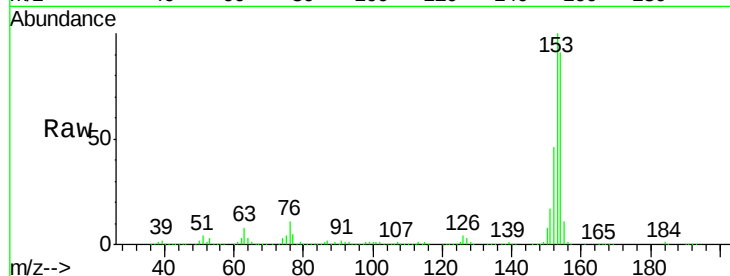
Tgt Ion:154 Resp: 1018551

Ion Ratio Lower Upper

154 100

153 110.4 91.0 136.6

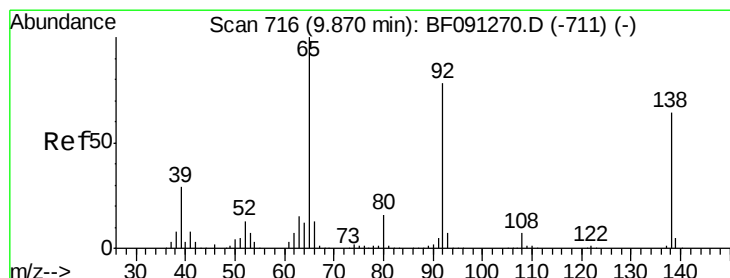
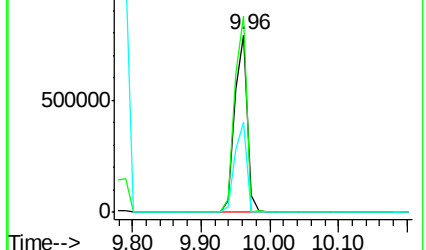
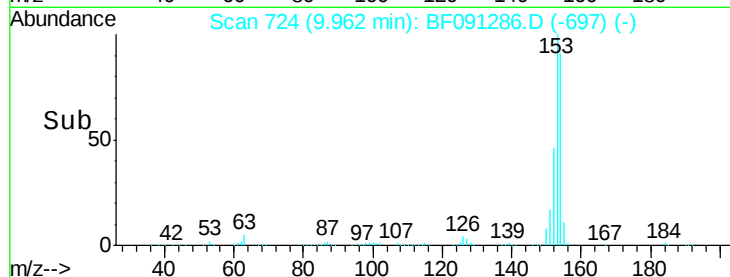
152 51.0 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.41 ng

RT: 9.87 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

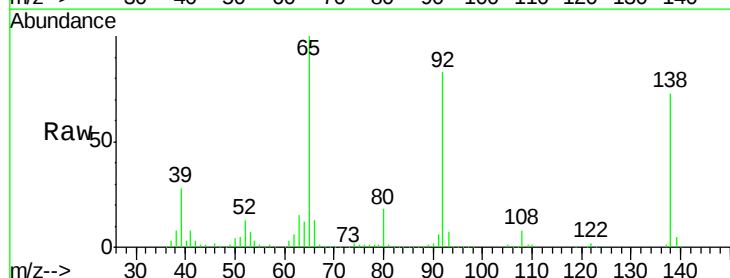
Tgt Ion:138 Resp: 166186

Ion Ratio Lower Upper

138 100

108 10.8 8.1 12.1

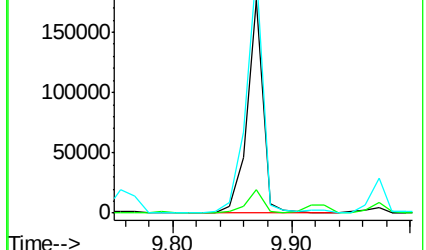
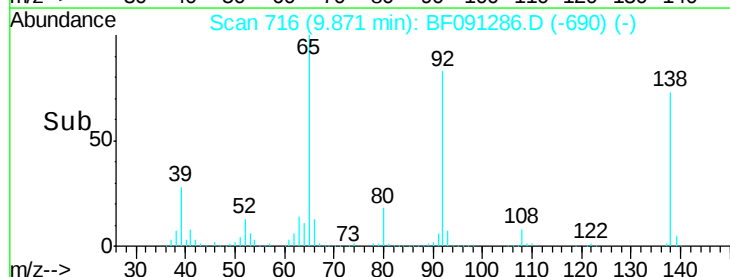
92 114.2 92.5 138.7

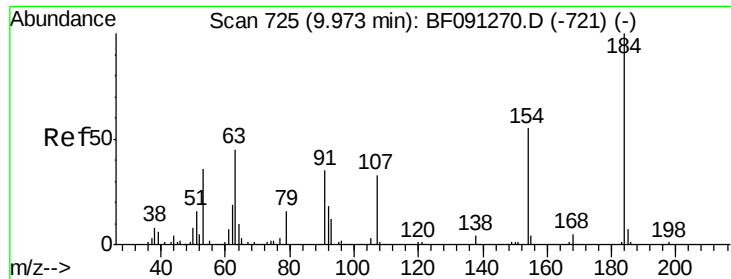


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

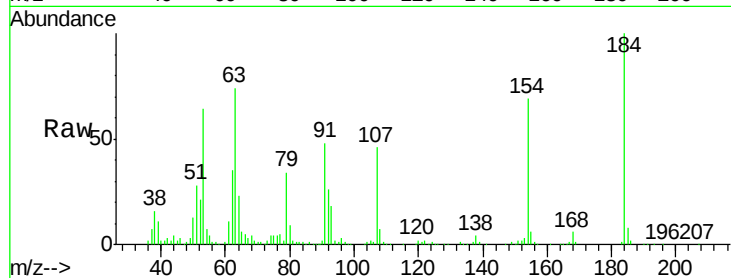




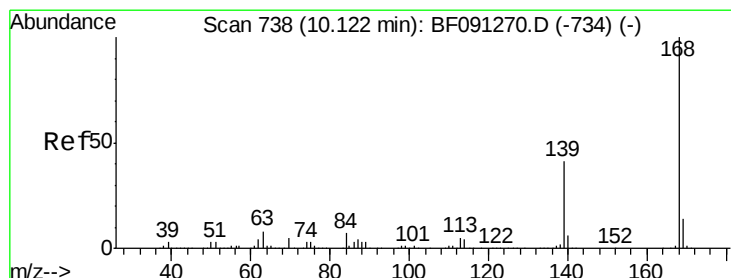
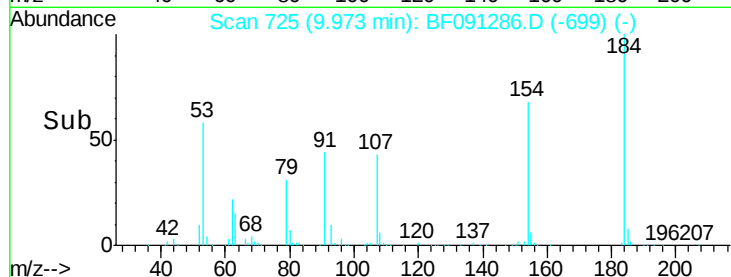
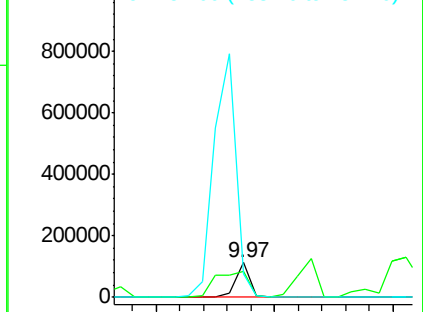
#53
2,4-Dinitrophenol
Concen: 38.87 ng
RT: 9.97 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MS

Tgt Ion:184 Resp: 93666
Ion Ratio Lower Upper
184 100
63 74.2 58.3 87.5
154 68.8 48.6 73.0

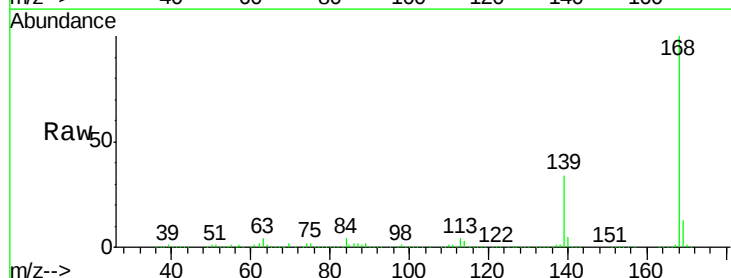


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

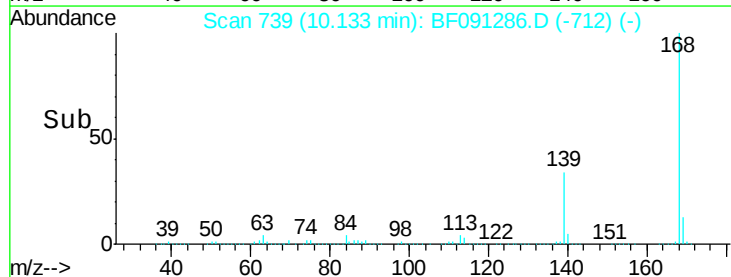
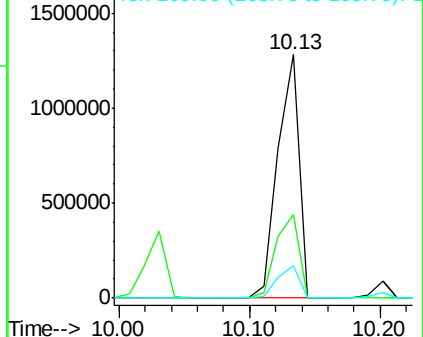


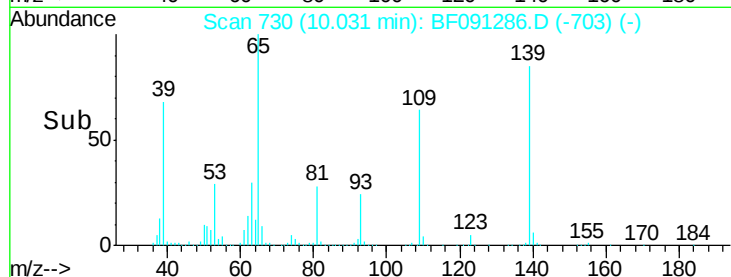
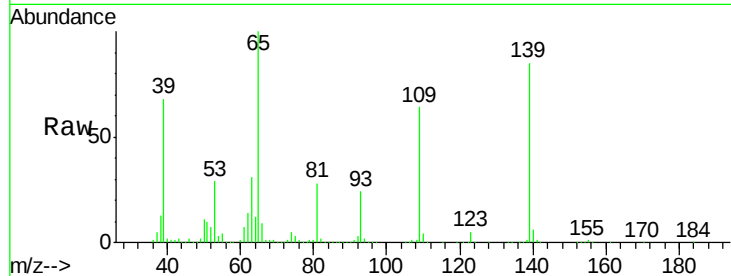
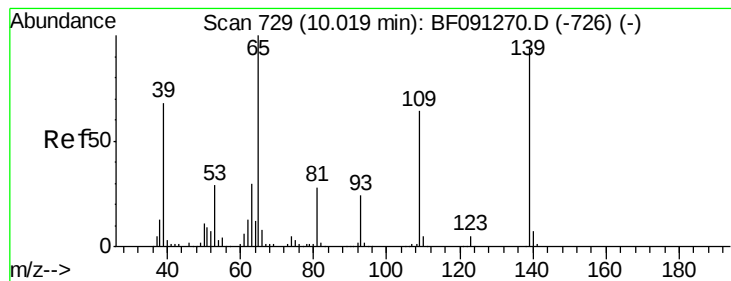
#54
Dibenzofuran
Concen: 35.95 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Tgt Ion:168 Resp: 1473384
Ion Ratio Lower Upper
168 100
139 34.3 33.4 50.2
169 13.1 11.1 16.7



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: 71.03 ng

RT: 10.03 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

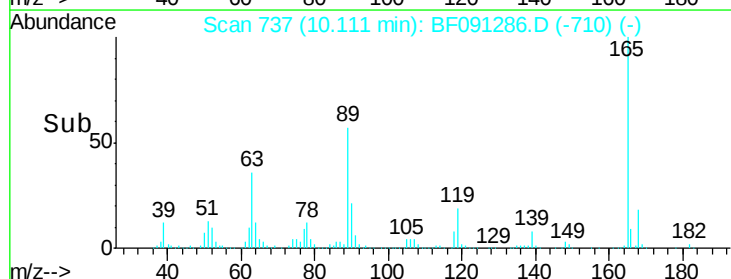
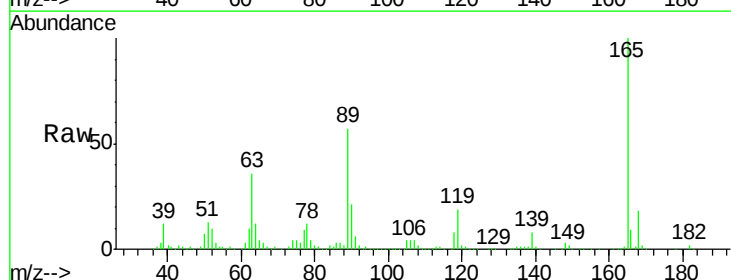
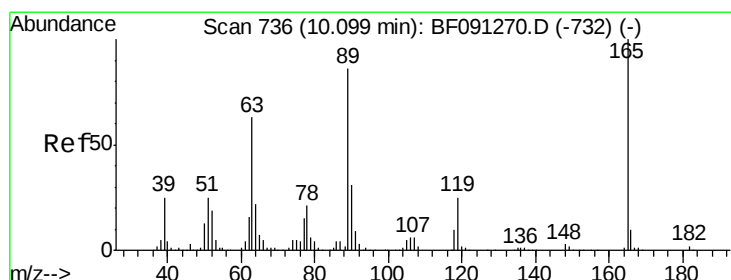
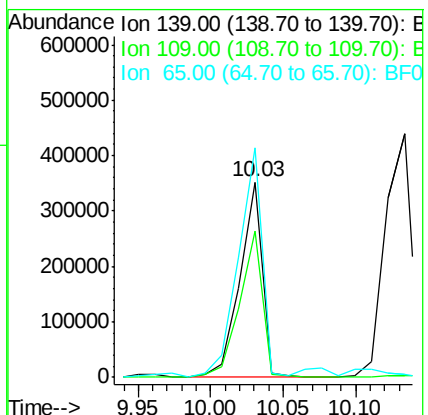
Tgt Ion:139 Resp: 379961

Ion Ratio Lower Upper

139 100

109 75.0 54.9 94.9

65 117.7 102.2 142.2



#56

2,4-Dinitrotoluene

Concen: 43.42 ng

RT: 10.11 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Tgt Ion:165 Resp: 379059

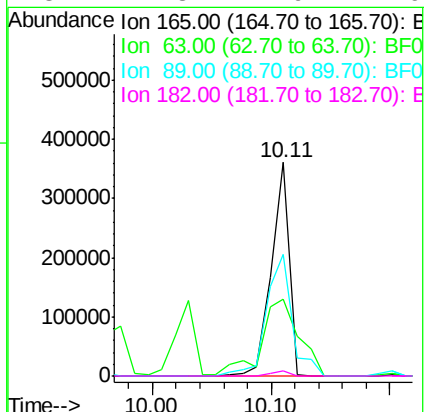
Ion Ratio Lower Upper

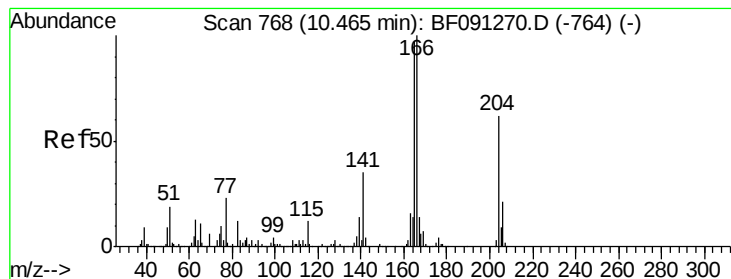
165 100

63 35.8 29.0 43.4

89 56.8 43.1 64.7

182 2.3 1.9 2.9





#57

Fluorene

Concen: 33.46 ng

RT: 10.48 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

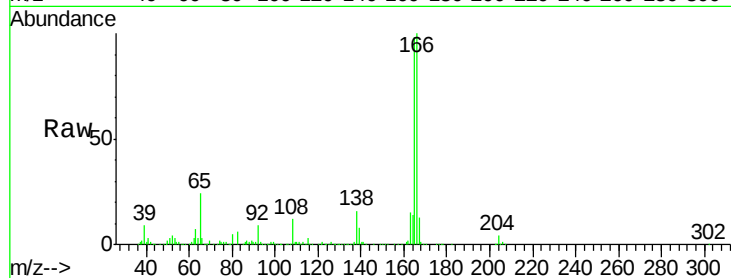
Tgt Ion:166 Resp: 1049172

Ion Ratio Lower Upper

166 100

165 97.5 80.0 120.0

167 13.0 10.8 16.2

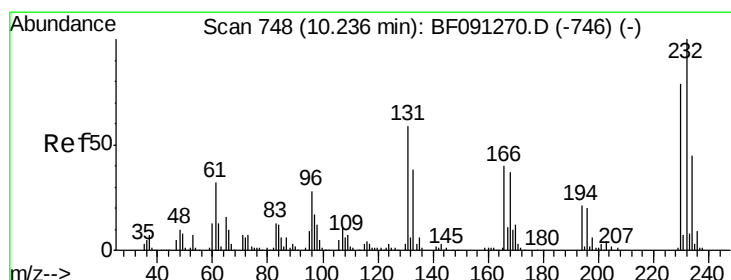
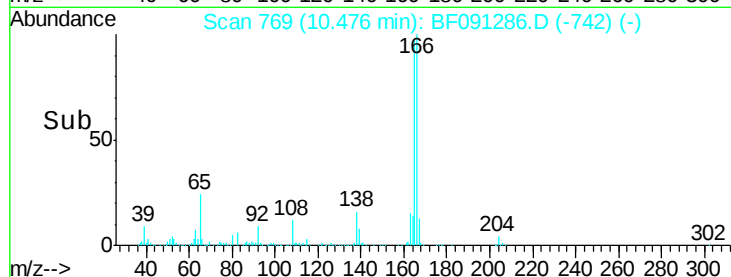
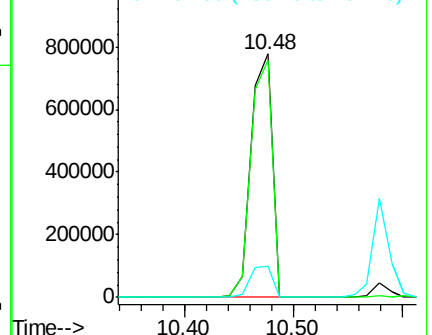


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.80 ng

RT: 10.25 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Tgt Ion:232 Resp: 293872

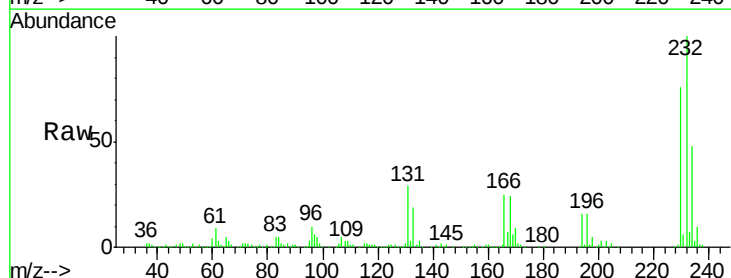
Ion Ratio Lower Upper

232 100

131 42.5 38.4 57.6

130 2.3 1.8 2.8

166 30.3 23.9 35.9



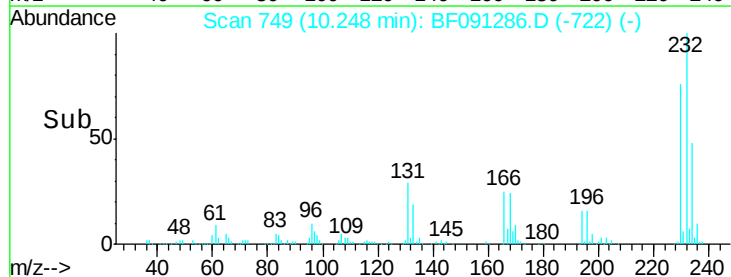
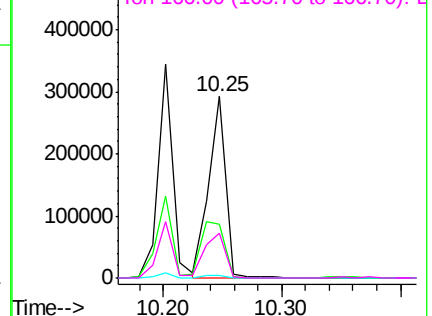
Abundance

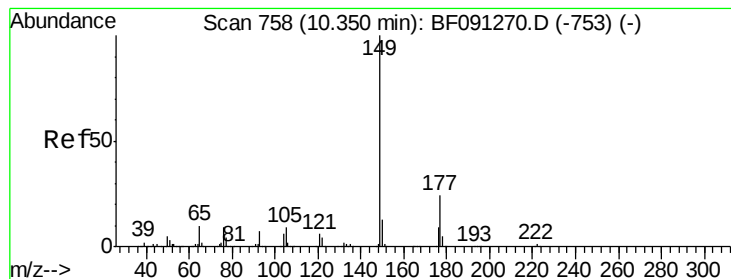
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.73 ng

RT: 10.35 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

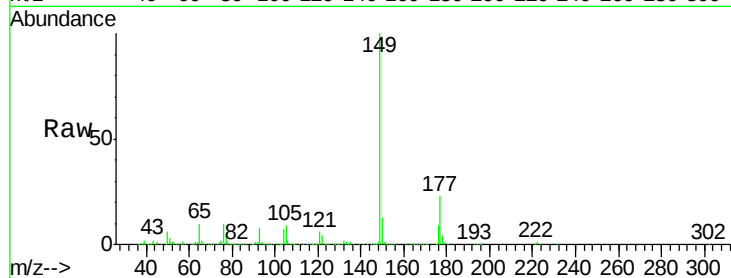
Tgt Ion:149 Resp: 1167136

Ion Ratio Lower Upper

149 100

177 22.9 15.7 23.5

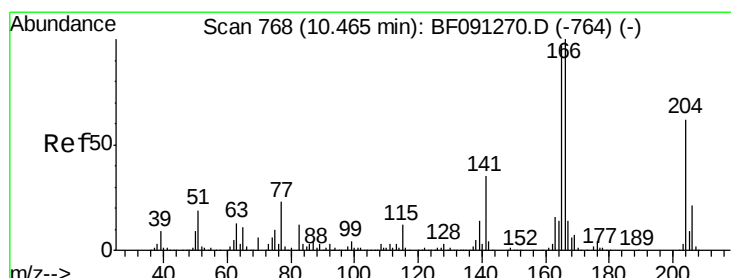
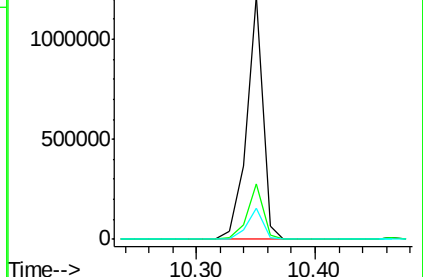
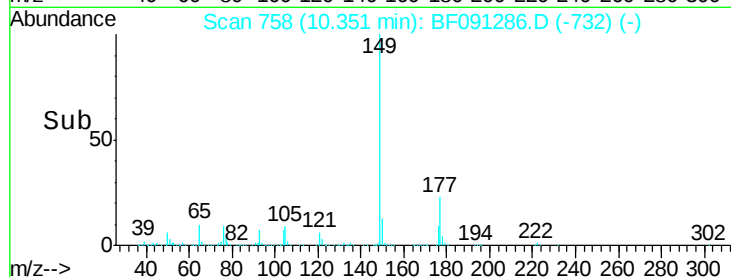
150 12.7 10.2 15.2



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: 34.14 ng

RT: 10.46 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

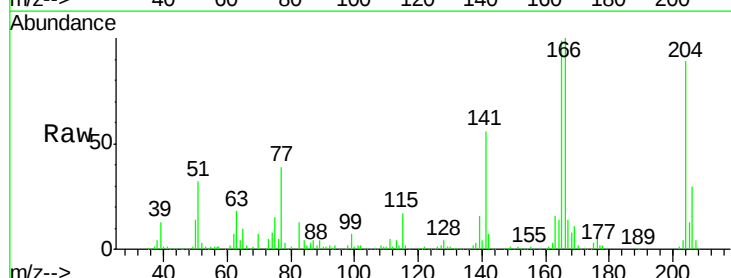
Tgt Ion:204 Resp: 493242

Ion Ratio Lower Upper

204 100

206 33.2 26.1 39.1

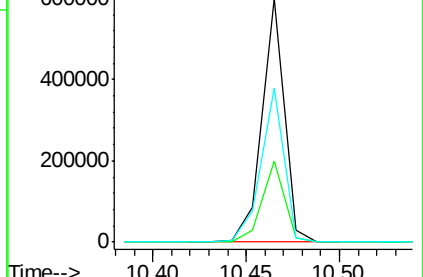
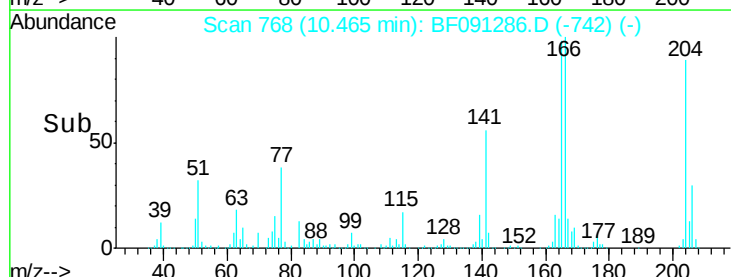
141 63.4 40.6 61.0#

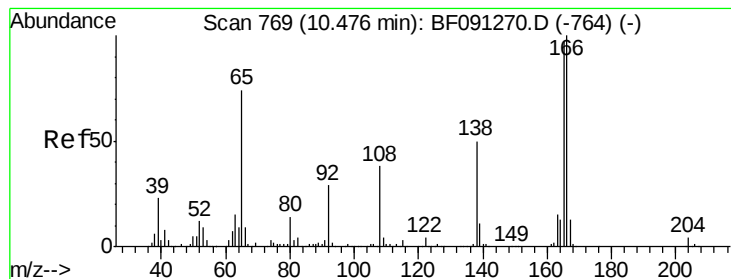


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.76 ng

RT: 10.49 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

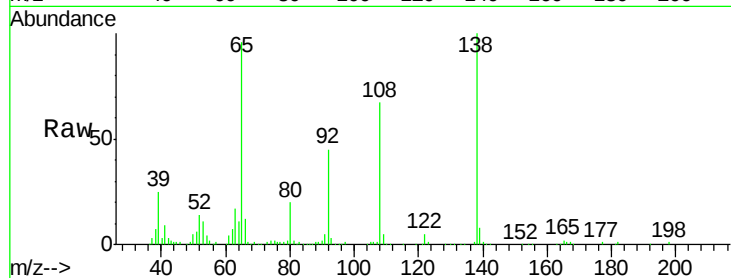
Tgt Ion:138 Resp: 233640

Ion Ratio Lower Upper

138 100

92 44.9 26.9 66.9

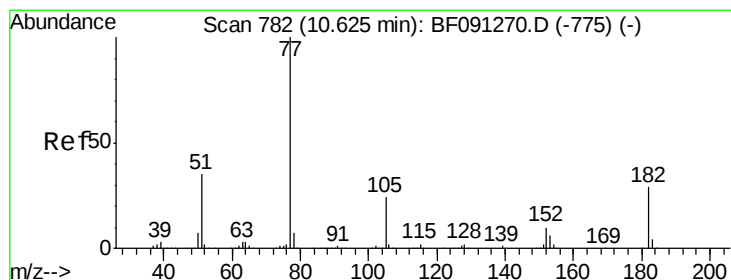
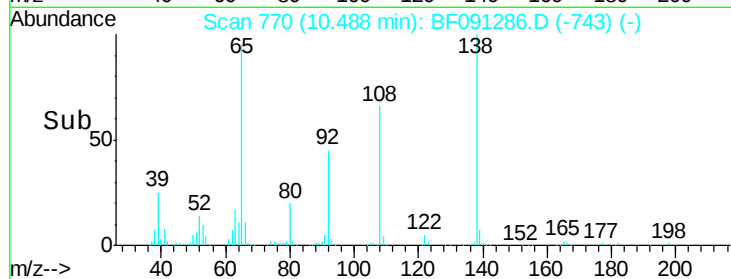
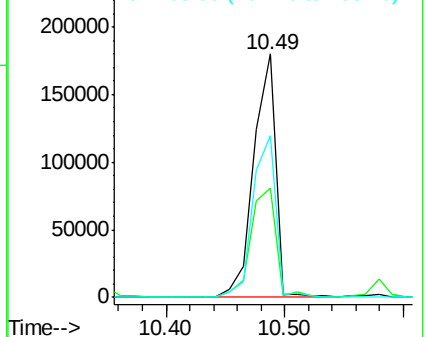
108 66.6 49.1 89.1



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: 38.44 ng

RT: 10.62 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Tgt Ion: 77 Resp: 1239139

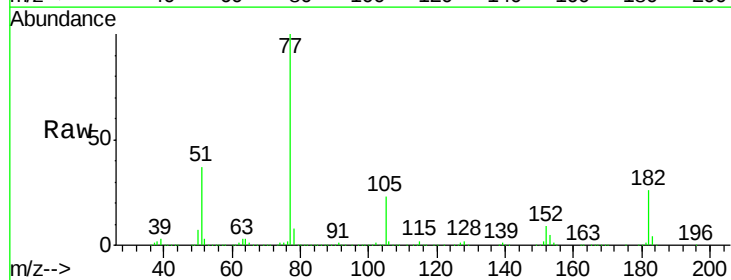
Ion Ratio Lower Upper

77 100

182 26.3 12.5 52.5

105 22.7 3.7 43.7

51 36.9 11.9 51.9

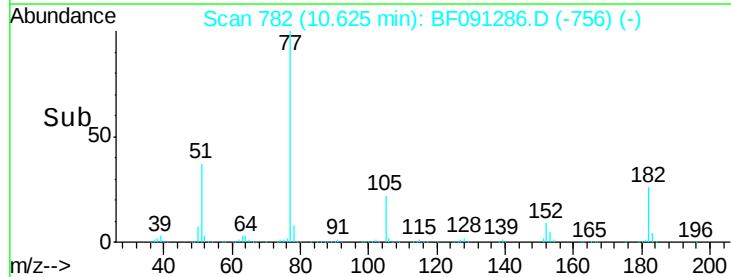
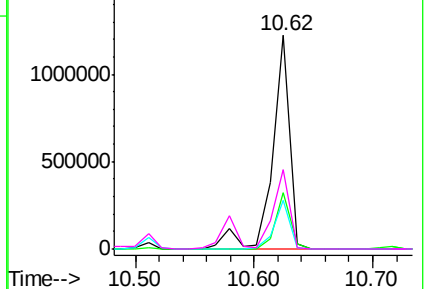


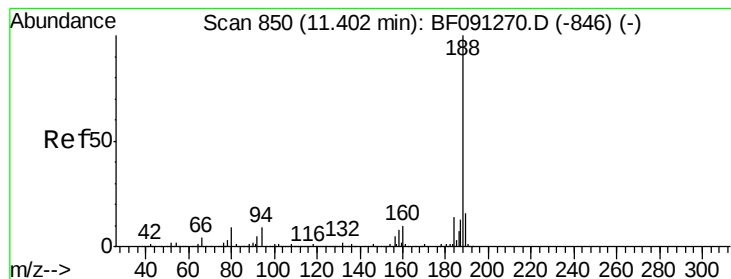
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.40 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

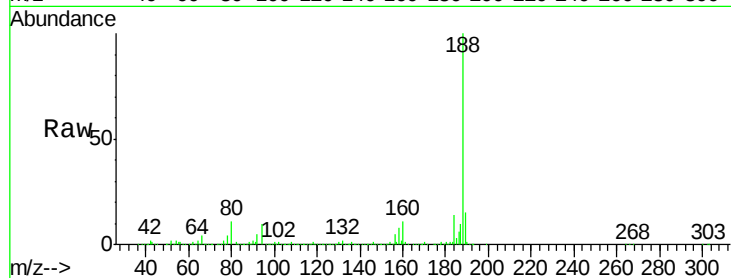
Tgt Ion:188 Resp: 726448

Ion Ratio Lower Upper

188 100

94 9.6 9.2 13.8

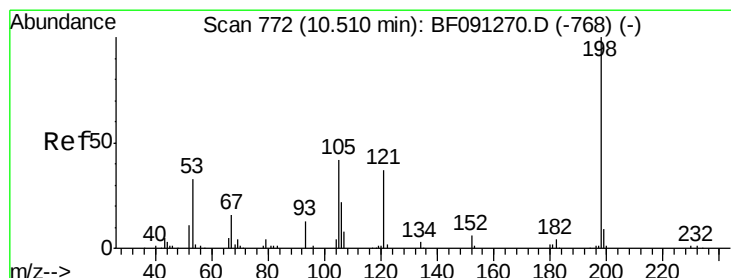
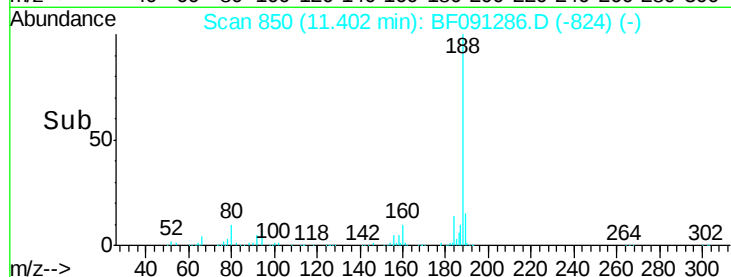
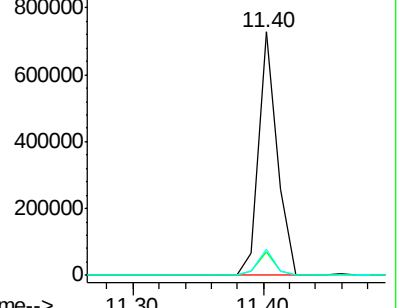
80 10.6 10.5 15.7



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: 33.67 ng

RT: 10.51 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

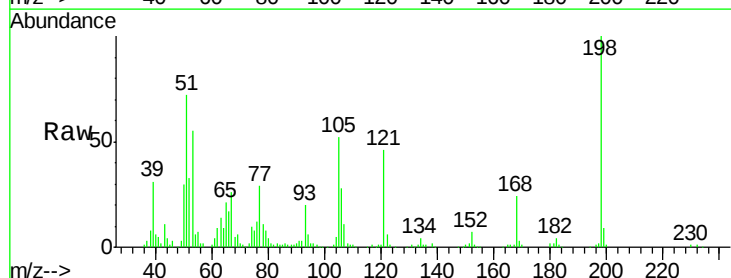
Tgt Ion:198 Resp: 110924

Ion Ratio Lower Upper

198 100

51 72.1 77.1 117.1#

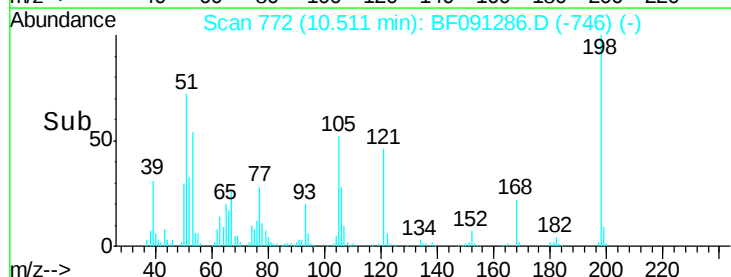
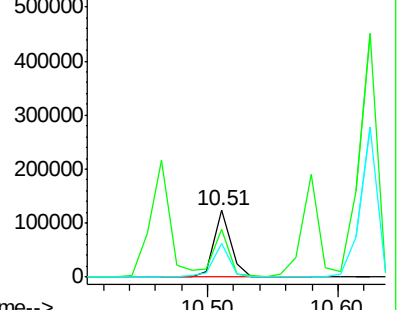
105 51.5 44.8 84.8

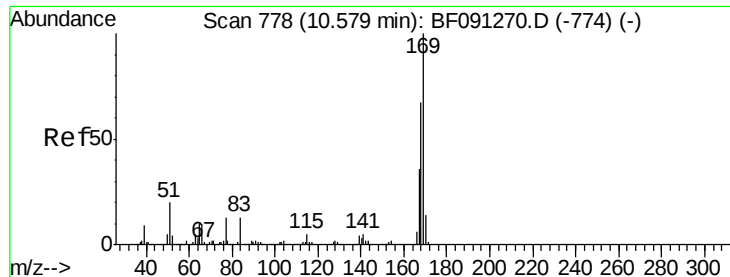


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.86 ng

RT: 10.58 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

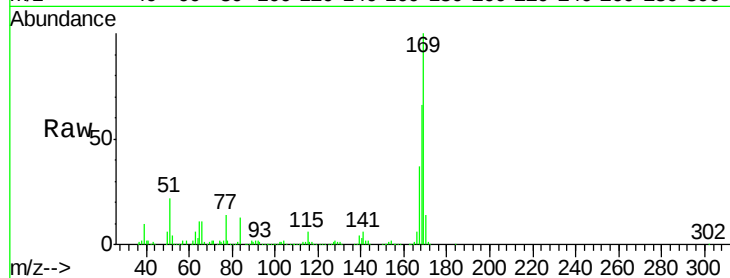
Tgt Ion:169 Resp: 879044

Ion Ratio Lower Upper

169 100

168 66.2 53.8 80.8

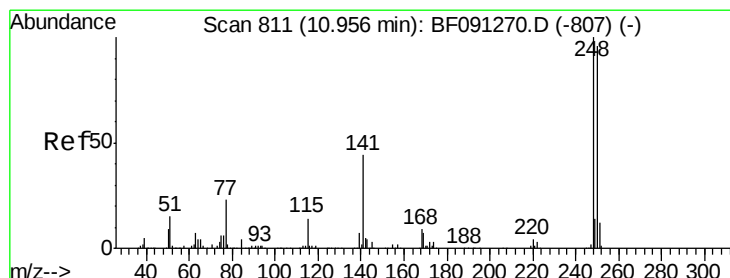
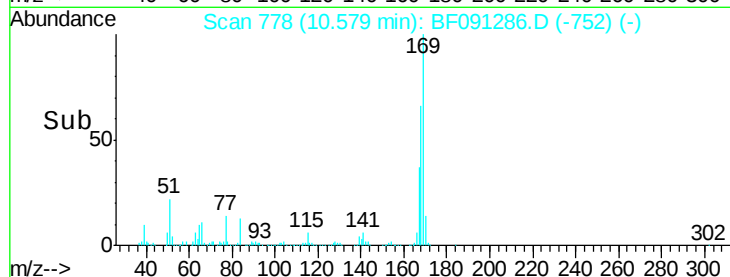
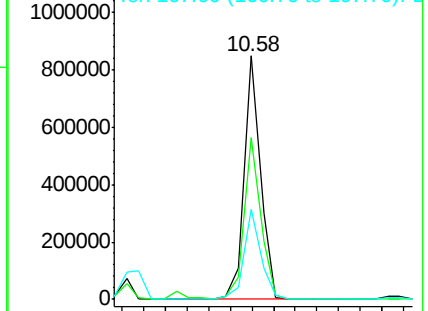
167 37.0 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.80 ng

RT: 10.96 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

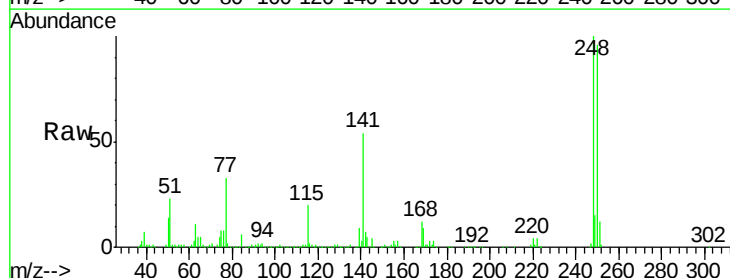
Tgt Ion:248 Resp: 339811

Ion Ratio Lower Upper

248 100

250 96.3 78.2 117.4

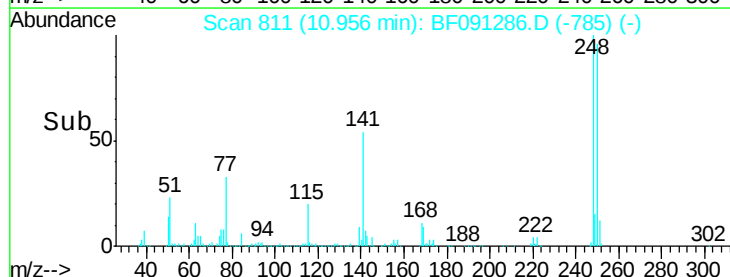
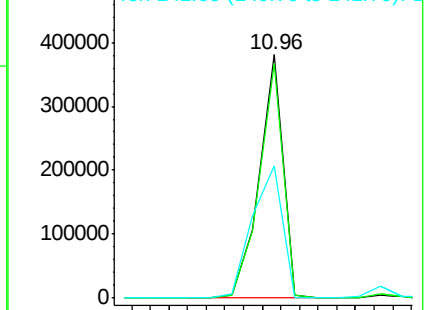
141 54.5 71.9 107.9#

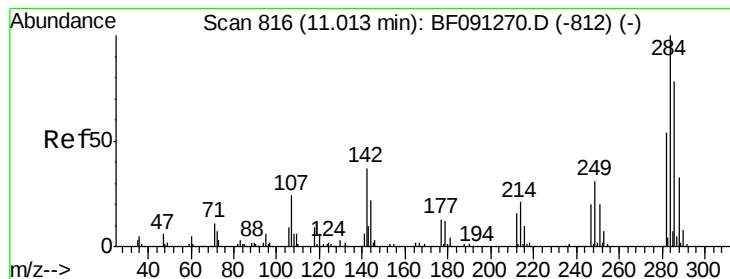


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.31 ng

RT: 11.01 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

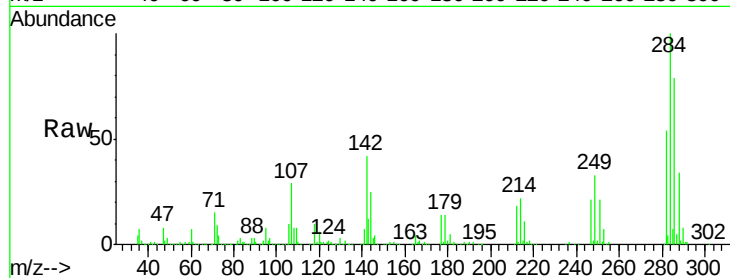
Tgt Ion:284 Resp: 324780

Ion Ratio Lower Upper

284 100

142 42.4 17.9 26.9#

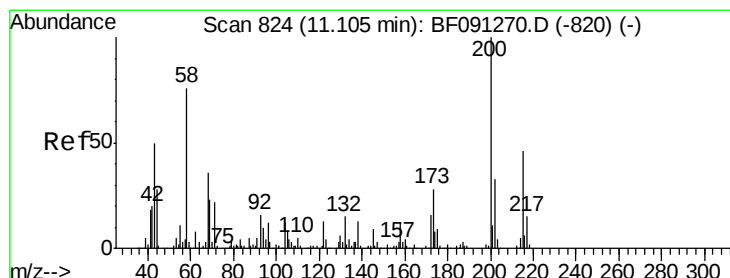
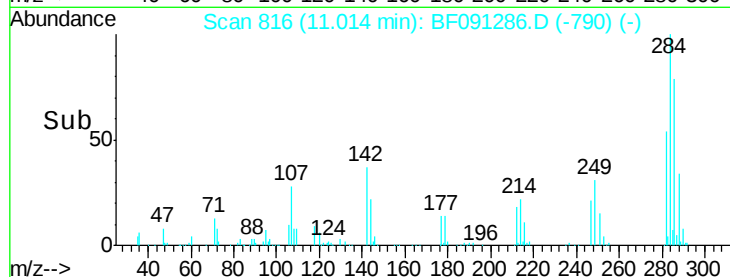
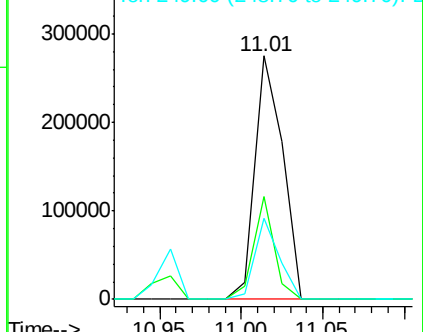
249 33.5 23.6 35.4



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: Below Cal

RT: 11.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

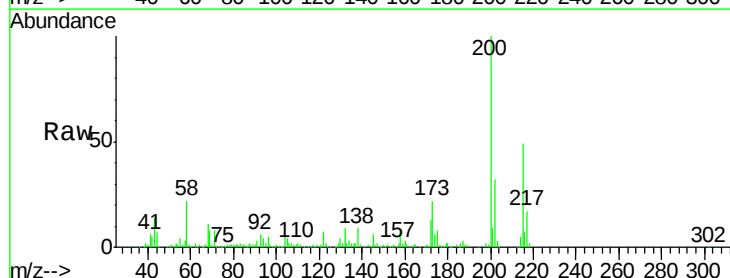
Tgt Ion:200 Resp: 297275

Ion Ratio Lower Upper

200 100

173 21.8 7.8 47.8

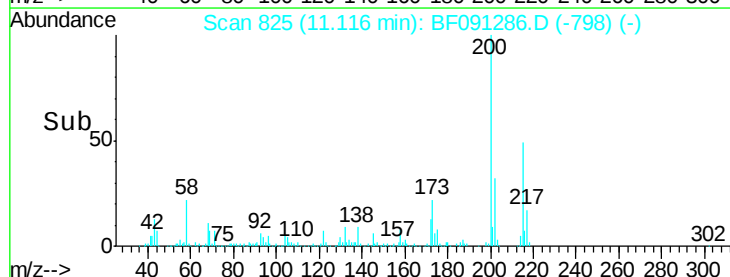
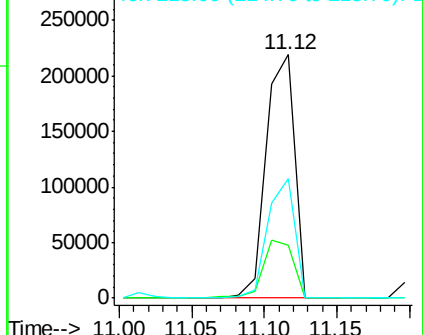
215 48.9 24.3 64.3

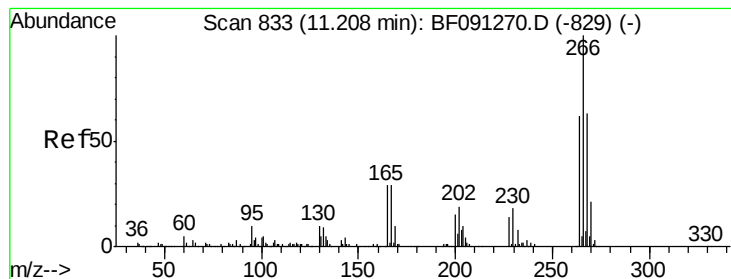


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 68.11 ng

RT: 11.21 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

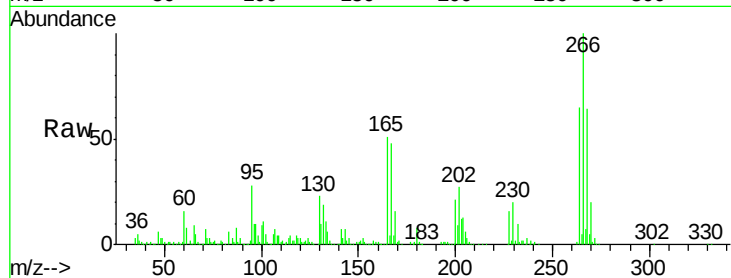
Tgt Ion:266 Resp: 350729

Ion Ratio Lower Upper

266 100

268 63.6 50.3 75.5

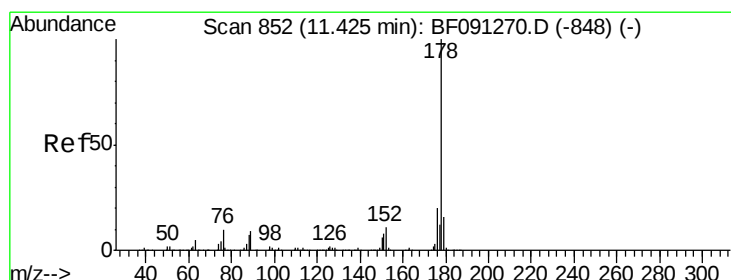
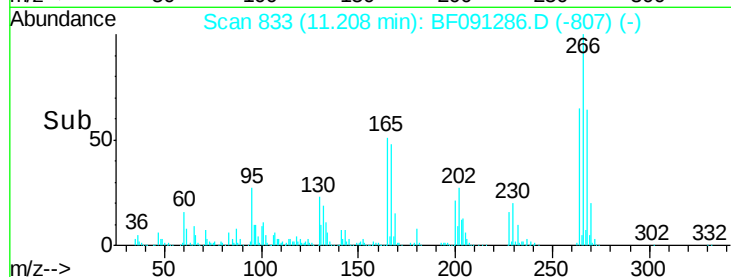
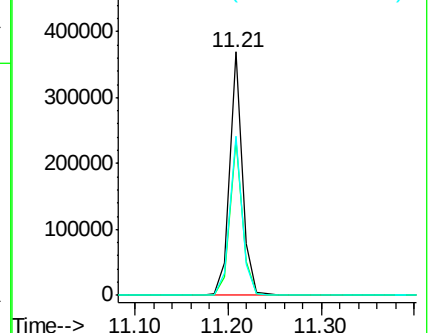
264 65.2 48.2 72.2



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: 49.73 ng

RT: 11.44 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

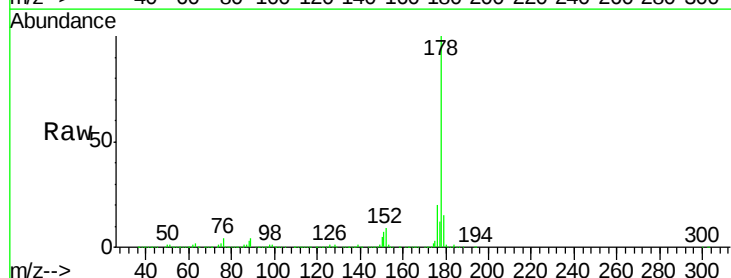
Tgt Ion:178 Resp: 1874006

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

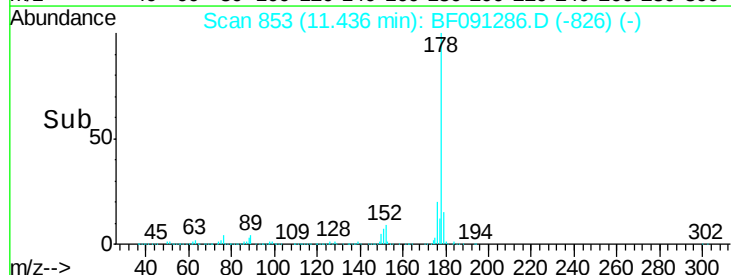
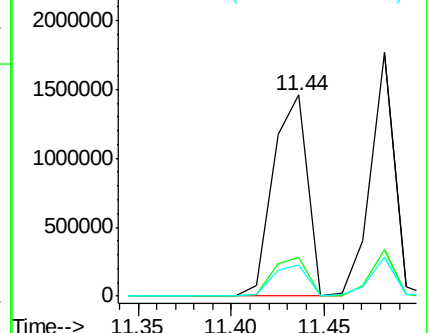
179 15.3 12.6 18.8

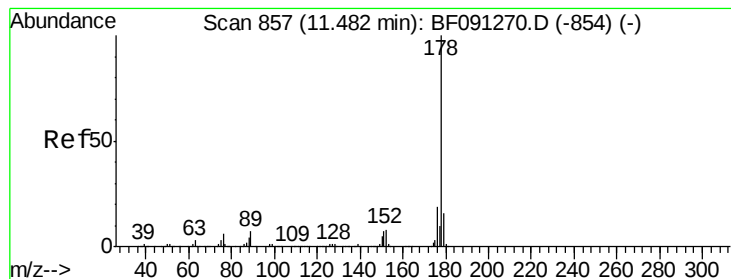


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.94 ng

RT: 11.48 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

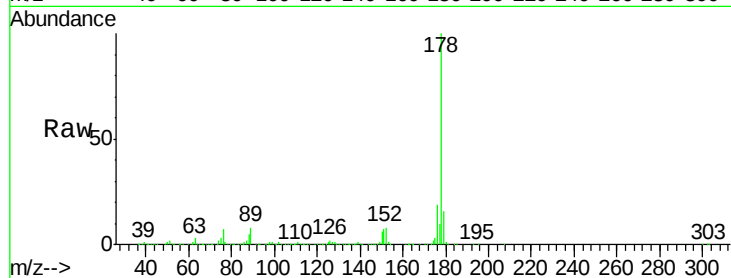
Tgt Ion:178 Resp: 1539125

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

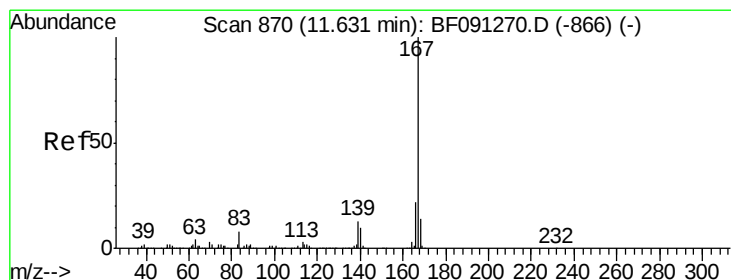
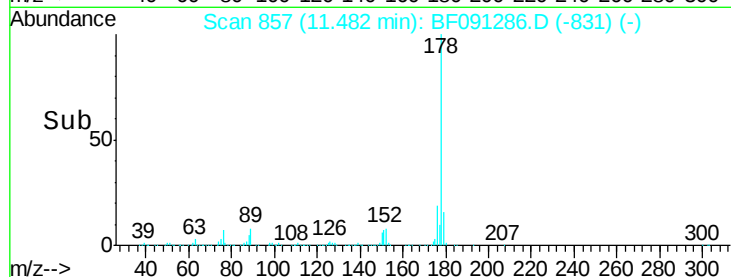
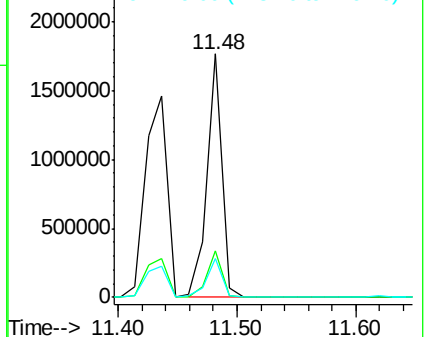
179 15.9 12.7 19.1



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: 35.53 ng

RT: 11.63 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

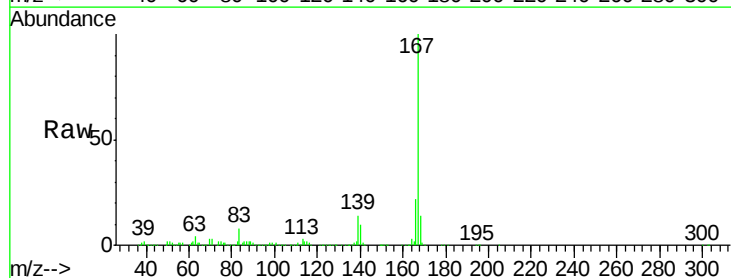
Tgt Ion:167 Resp: 1218421

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

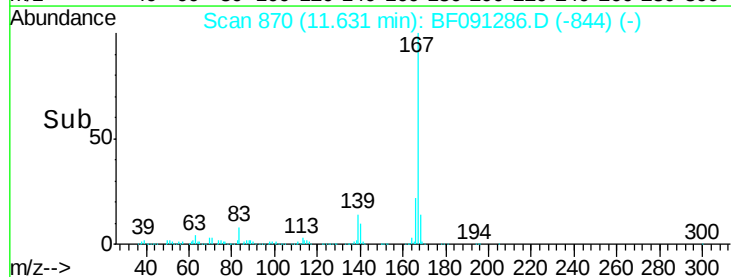
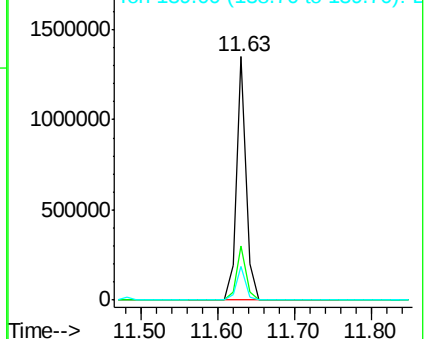
139 13.7 11.5 17.3

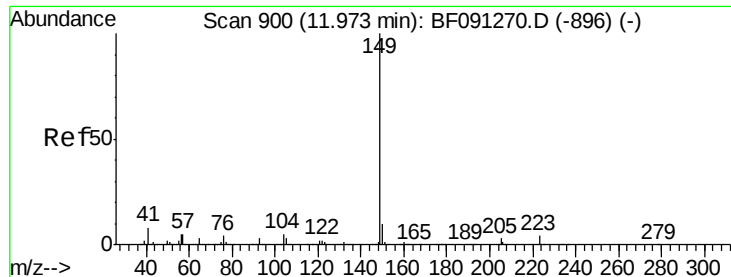


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.79 ng

RT: 11.97 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

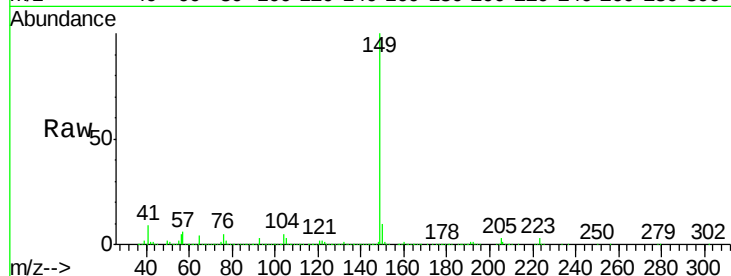
Tgt Ion:149 Resp: 1580145

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

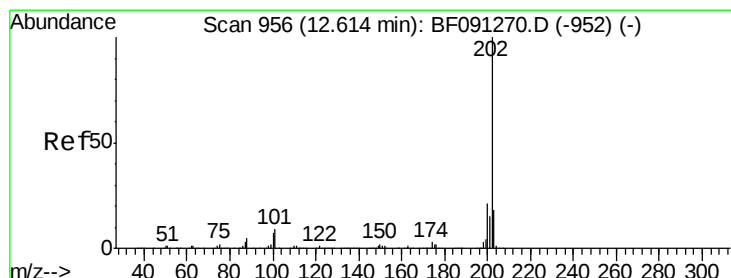
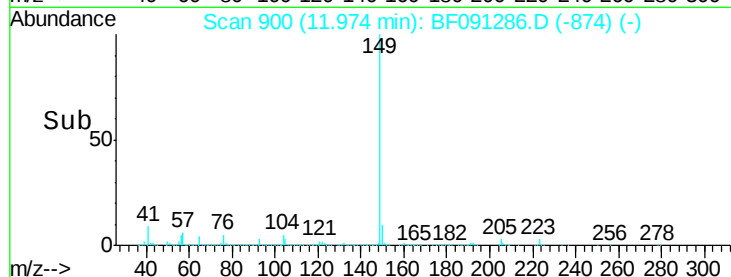
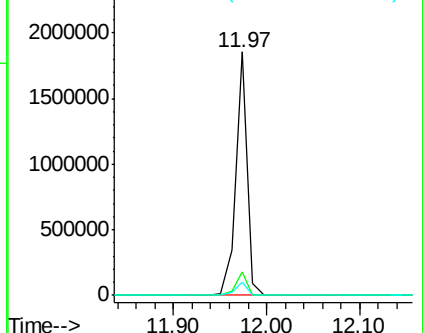
104 5.3 4.0 6.0



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: 44.38 ng

RT: 12.61 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

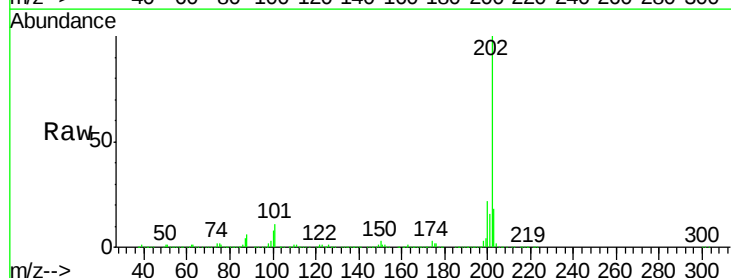
Tgt Ion:202 Resp: 1701387

Ion Ratio Lower Upper

202 100

101 11.4 0.0 29.5

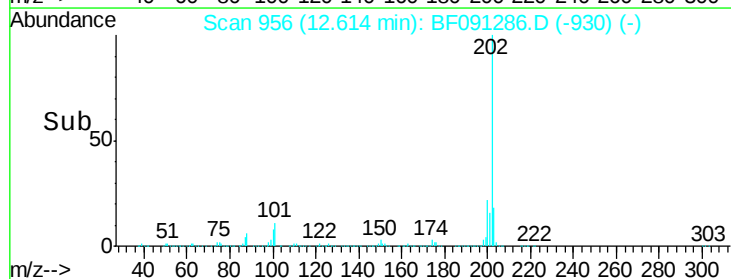
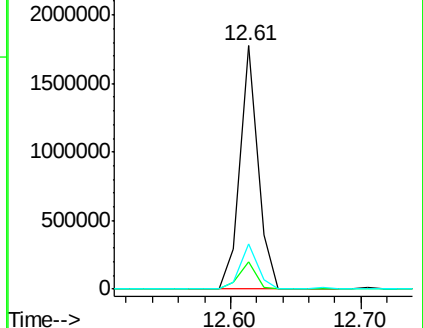
203 18.4 0.0 37.8

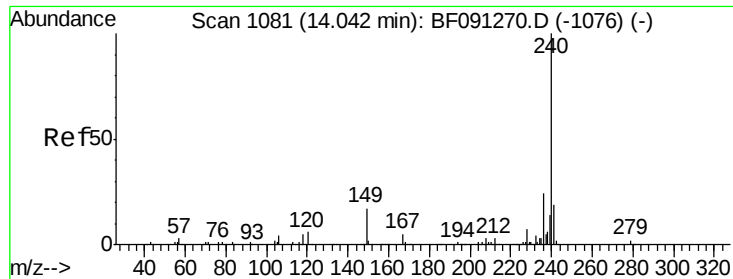


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

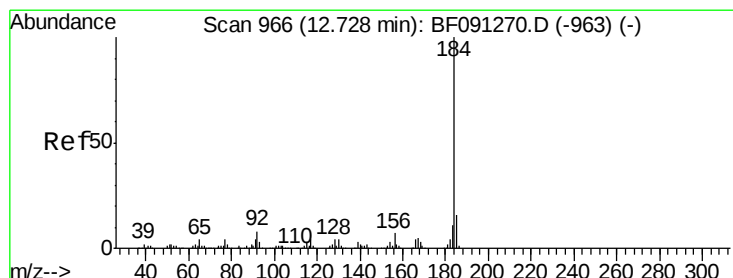
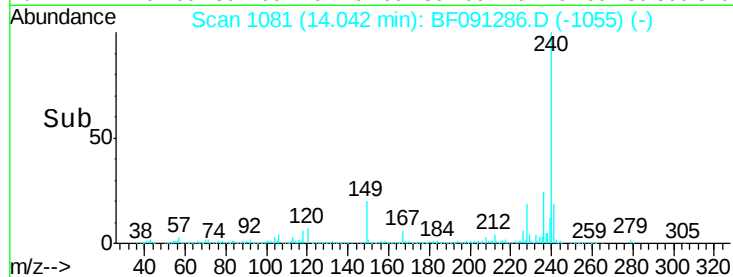
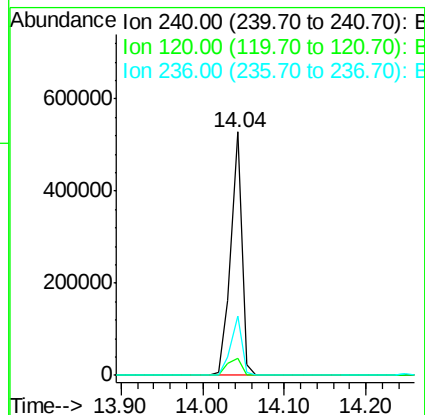
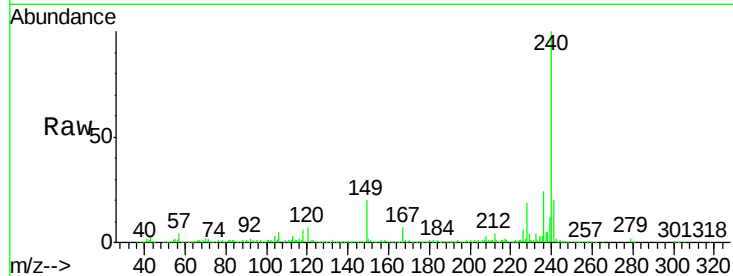
Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion:	240	Resp:	499907
Ion Ratio	Lower	Upper	
240	100		
120	6.8	12.1	18.1#
236	24.1	21.0	31.6



#76

Benzidine

Concen: 13.36 ng

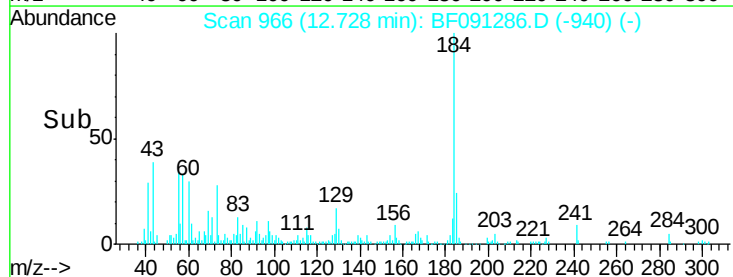
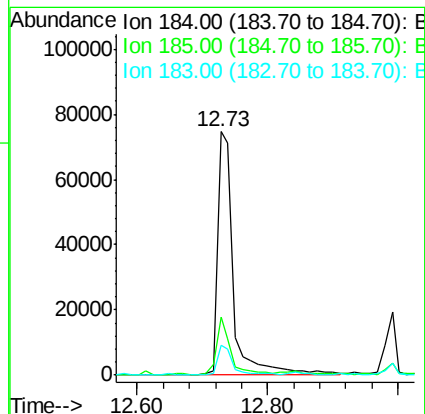
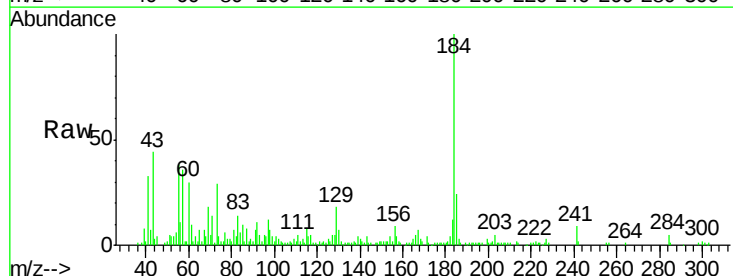
RT: 12.73 min Scan# 966

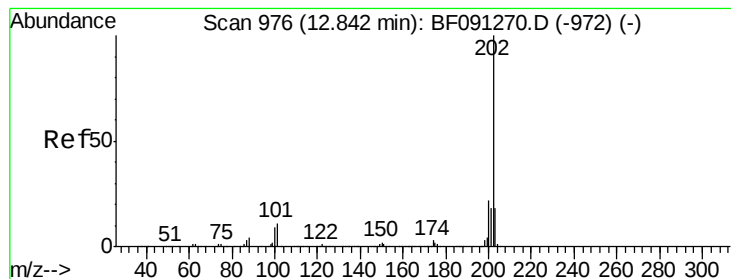
Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Tgt Ion:	184	Resp:	129464
Ion Ratio	Lower	Upper	
184	100		
185	23.9	13.1	19.7#
183	12.4	8.9	13.3





#77

Pyrene

Concen: 43.37 ng

RT: 12.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

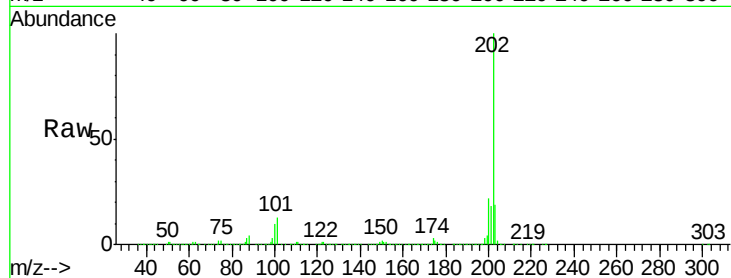
Tgt Ion:202 Resp: 1601958

Ion Ratio Lower Upper

202 100

200 22.4 17.6 26.4

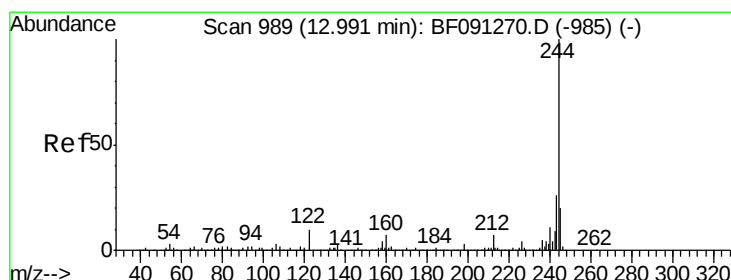
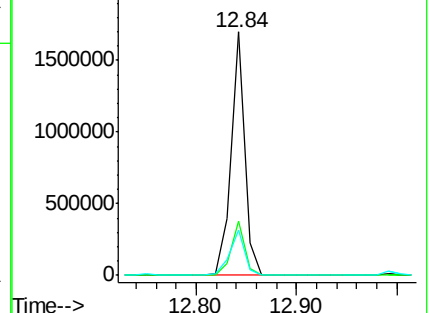
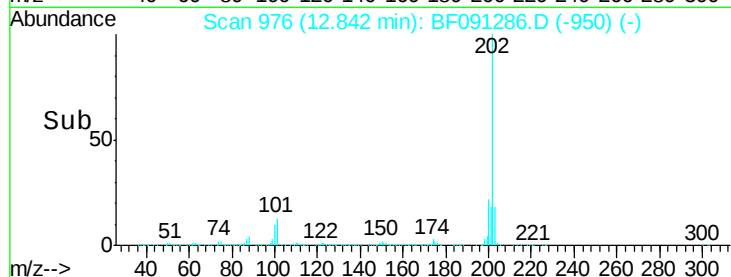
203 18.6 14.0 21.0



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: 69.33 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

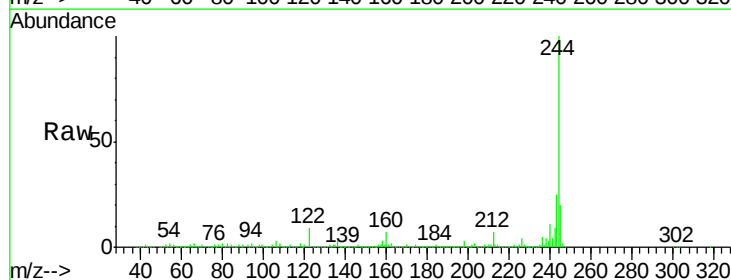
Tgt Ion:244 Resp: 1517474

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

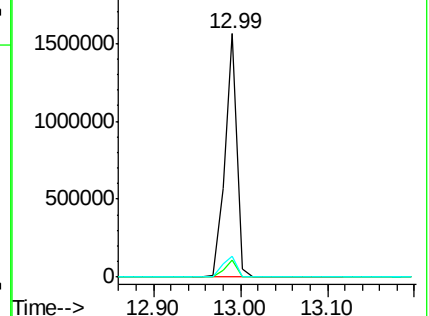
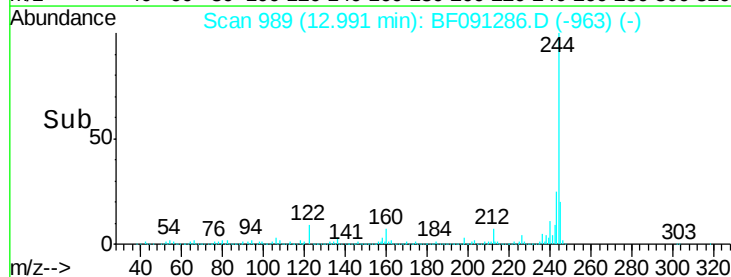
122 8.8 9.5 14.3#

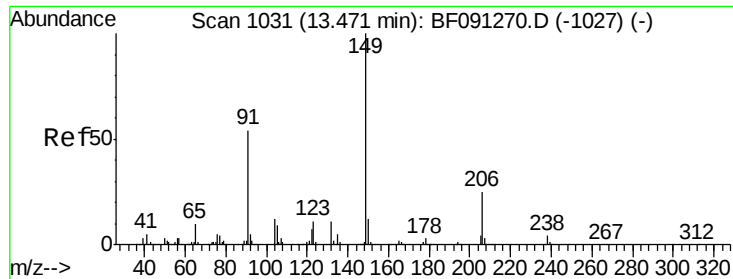


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

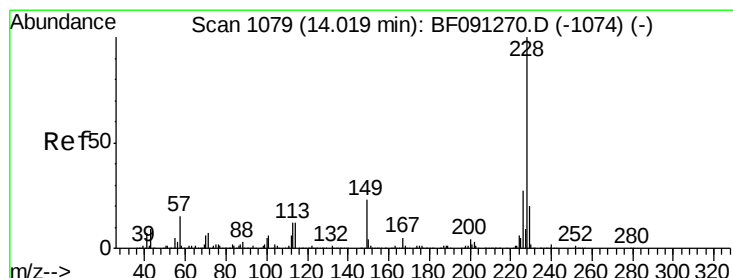
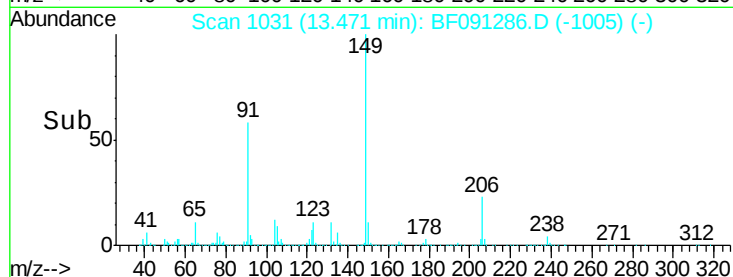
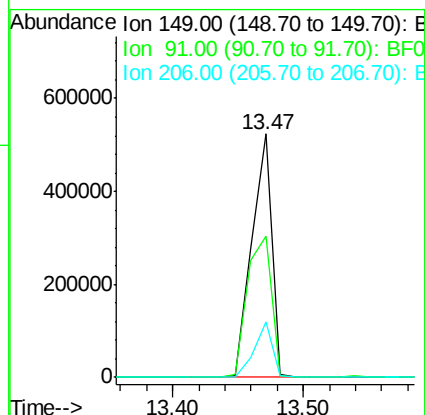
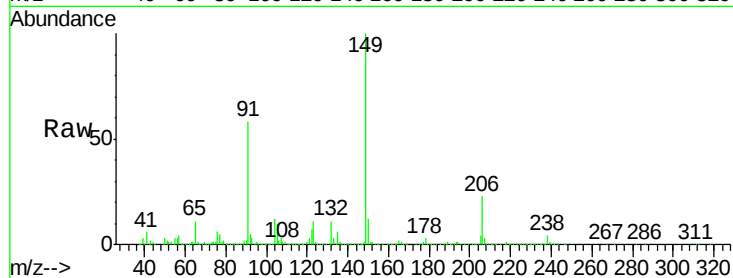




#79
Butylbenzylphthalate
Concen: 37.53 ng
RT: 13.47 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

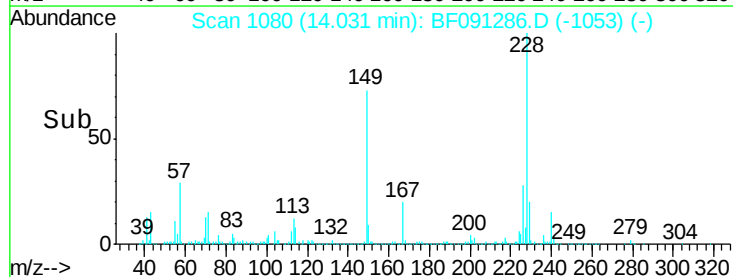
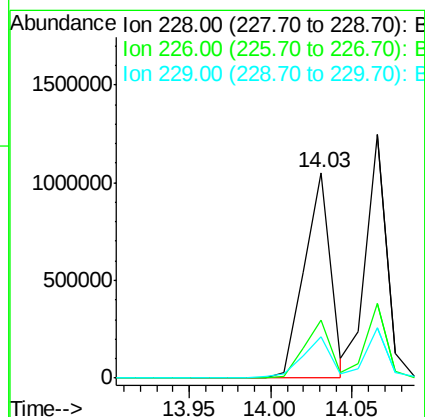
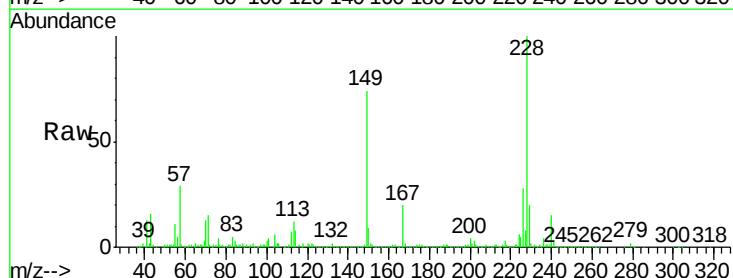
Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MS

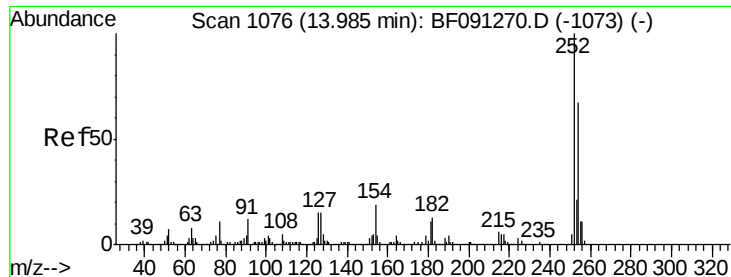
Tgt Ion:149 Resp: 554717
Ion Ratio Lower Upper
149 100
91 57.9 57.4 86.2
206 22.6 15.4 23.2



#80
Benzo(a)anthracene
Concen: 41.72 ng
RT: 14.03 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Tgt Ion:228 Resp: 1183795
Ion Ratio Lower Upper
228 100
226 28.3 22.5 33.7
229 20.1 16.4 24.6

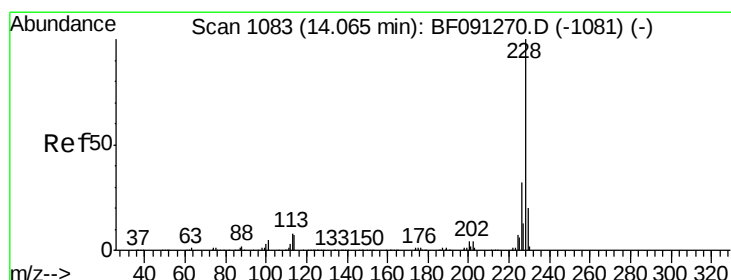
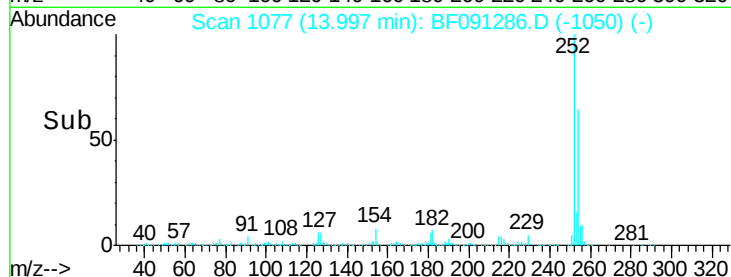
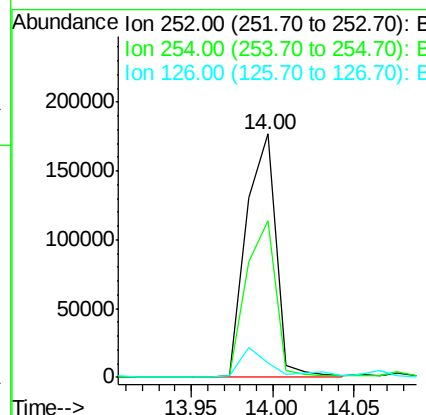
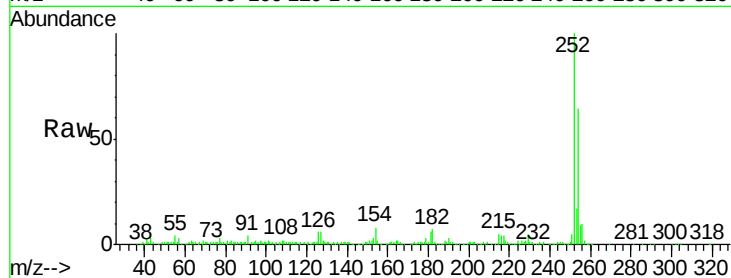




#81
 3,3'-Dichlorobenzidine
 Concen: 23.83 ng
 RT: 14.00 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

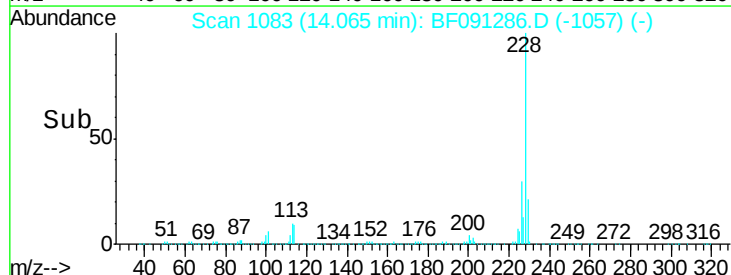
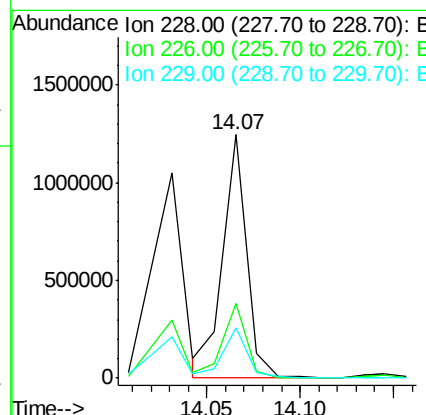
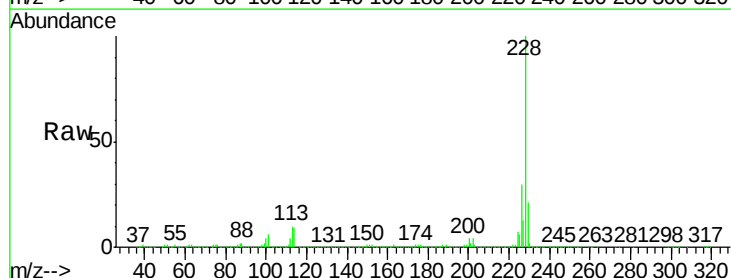
Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MS

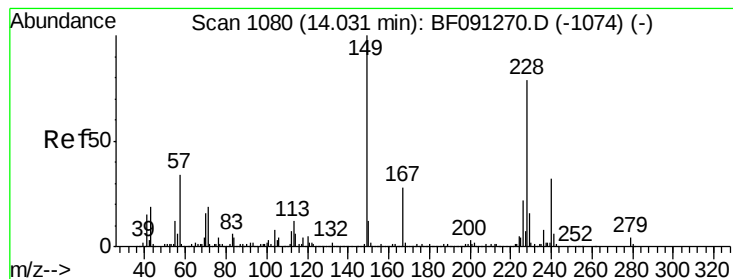
Tgt Ion:252 Resp: 222948
 Ion Ratio Lower Upper
 252 100
 254 64.3 52.1 78.1
 126 5.7 7.5 11.3#



#82
 Chrysene
 Concen: 41.20 ng
 RT: 14.07 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Tgt Ion:228 Resp: 1104791
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.4
 229 20.9 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.05 ng

RT: 14.03 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

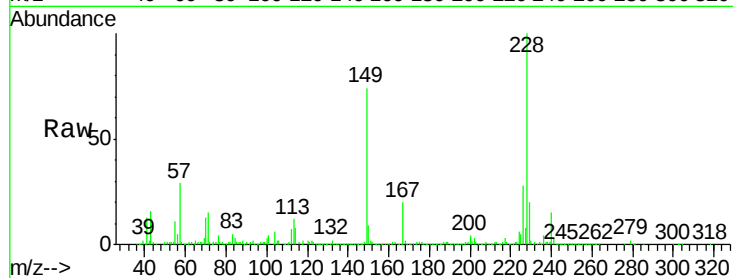
Tgt Ion:149 Resp: 663449

Ion Ratio Lower Upper

149 100

167 26.8 19.6 29.4

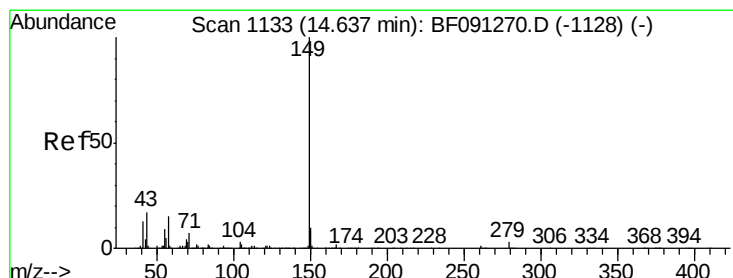
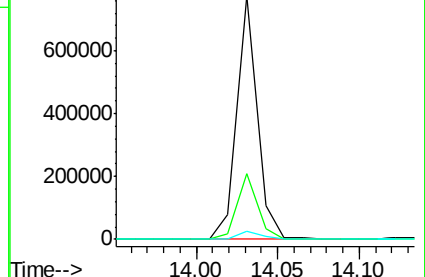
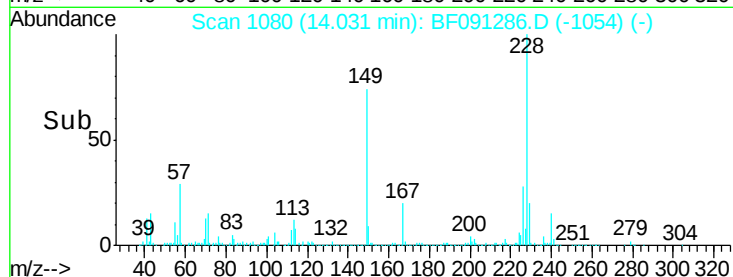
279 3.1 1.9 2.9#



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: 38.75 ng

RT: 14.64 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

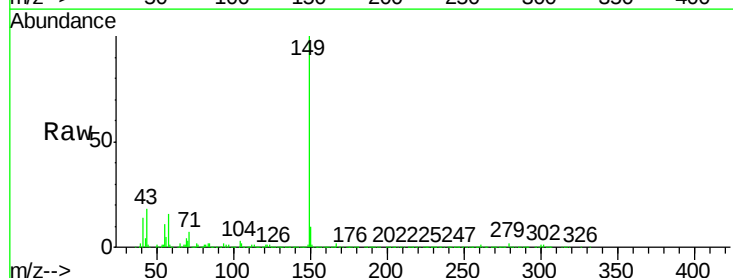
Tgt Ion:149 Resp: 1122273

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

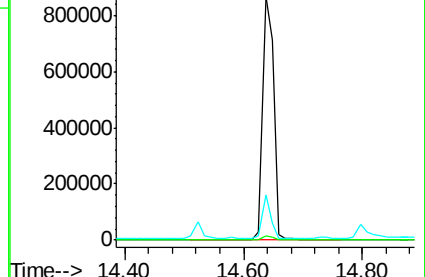
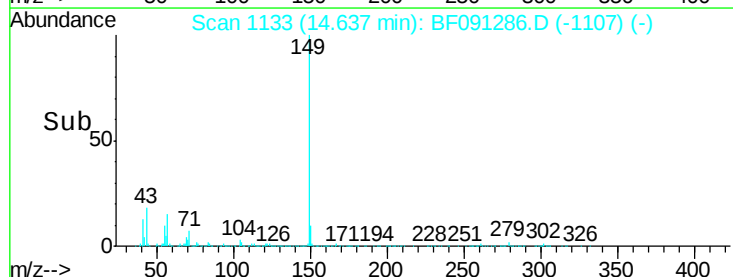
43 14.0 11.9 17.9

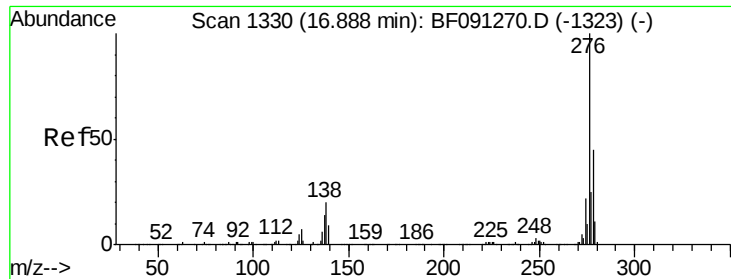


Abundance Ion 149.00 (148.70 to 149.70): E

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: 48.90 ng

RT: 16.90 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

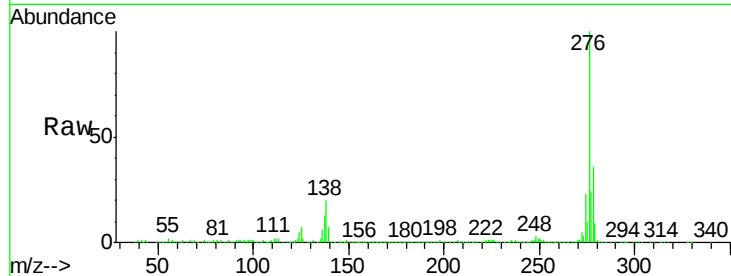
Tgt Ion:276 Resp: 1129093

Ion Ratio Lower Upper

276 100

138 21.5 21.0 31.4

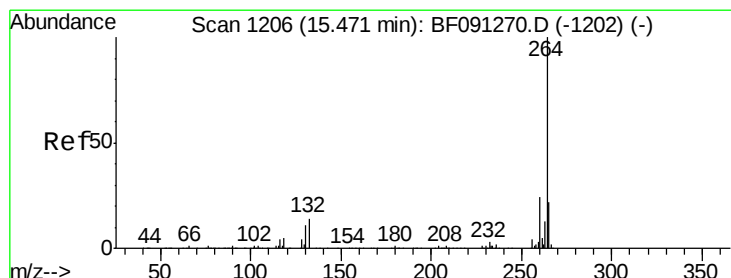
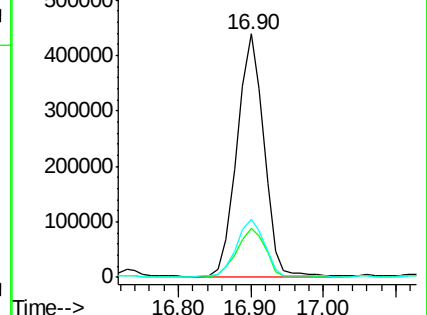
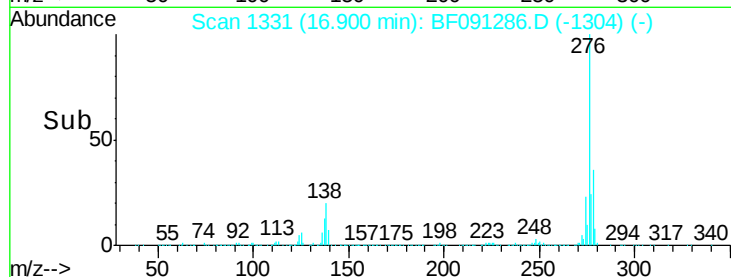
277 24.8 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.48 min Scan# 1207

Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

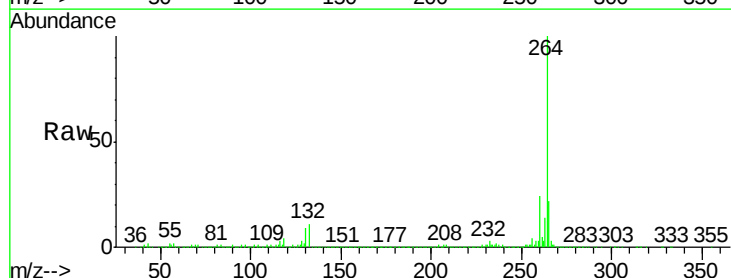
Tgt Ion:264 Resp: 509437

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

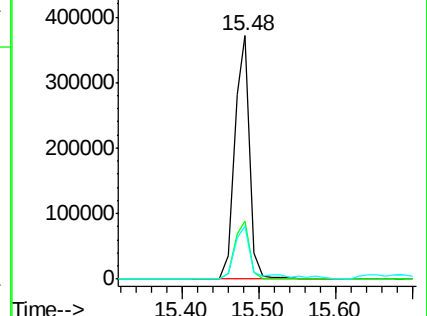
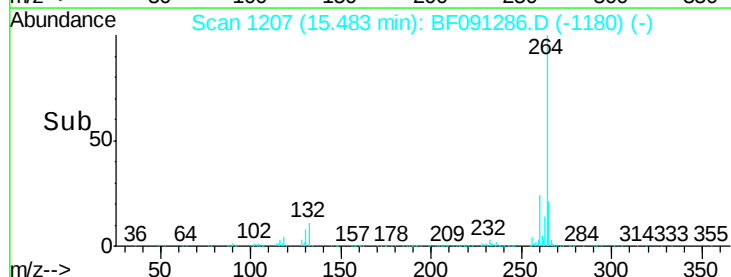
265 21.6 17.0 25.6

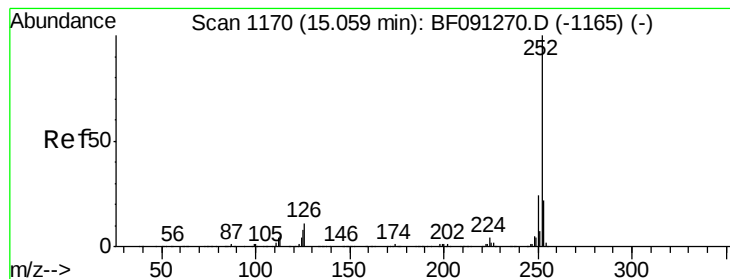


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 73.50 ng

RT: 15.09 min Scan# 1173

Delta R.T. 0.03 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

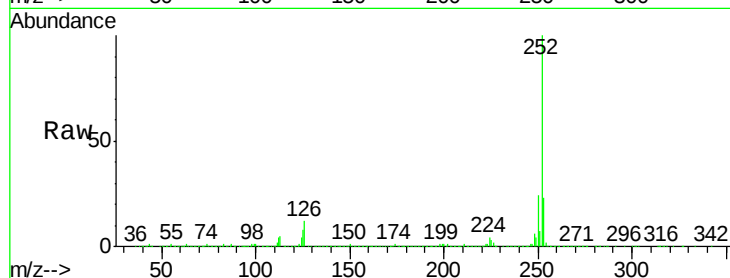
Tgt Ion:252 Resp: 2362135

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

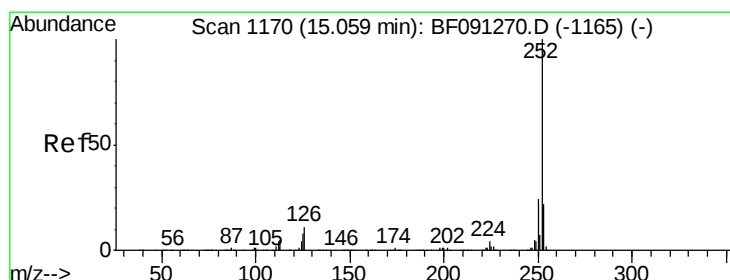
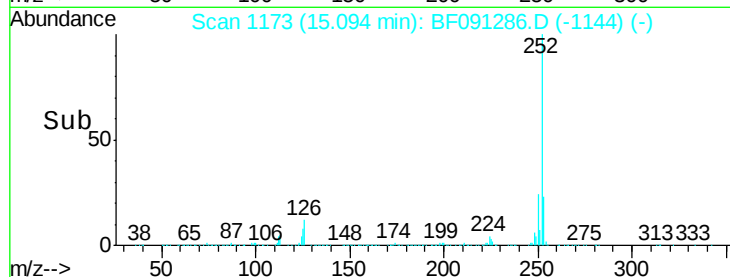
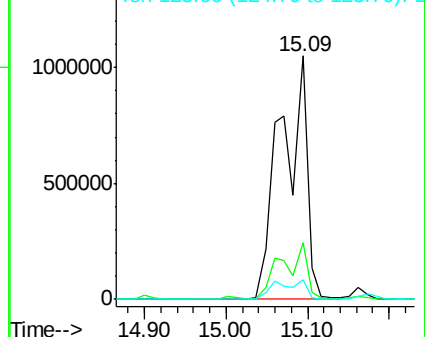
125 8.1 8.6 13.0#



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



#88

Benzo(k)fluoranthene

Concen: 89.99 ng

RT: 15.09 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

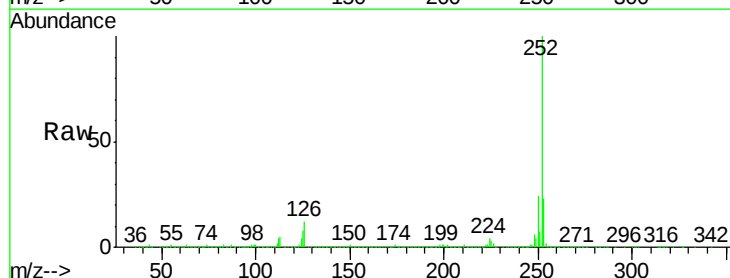
Tgt Ion:252 Resp: 2362135

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

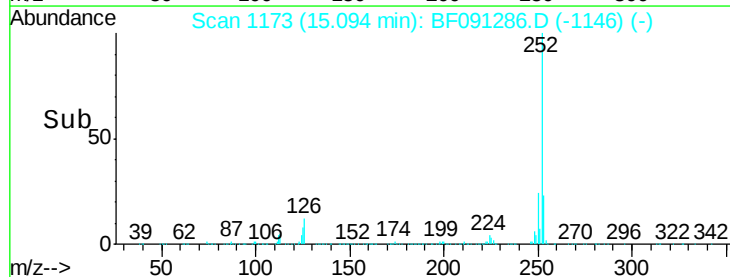
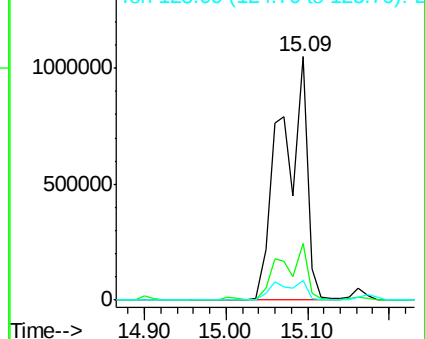
125 8.1 9.6 14.4#

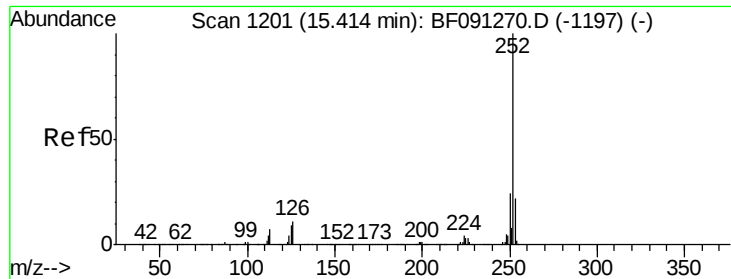


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 6.88 ng

RT: 15.36 min Scan# 1196

Delta R.T. -0.06 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

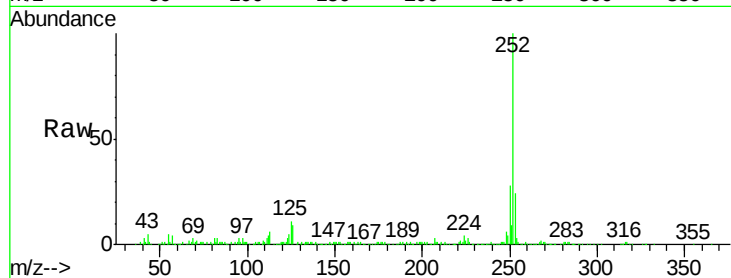
Tgt Ion:252 Resp: 188017

Ion Ratio Lower Upper

252 100

253 24.2 18.2 27.4

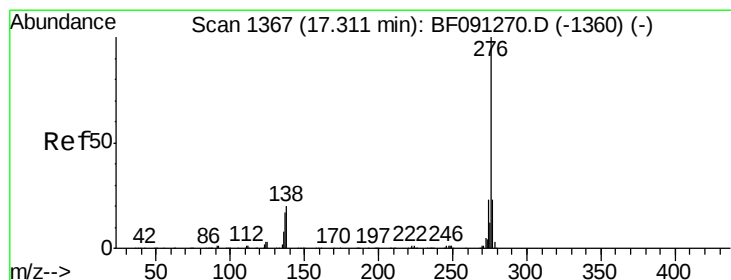
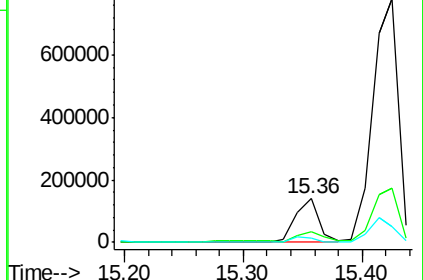
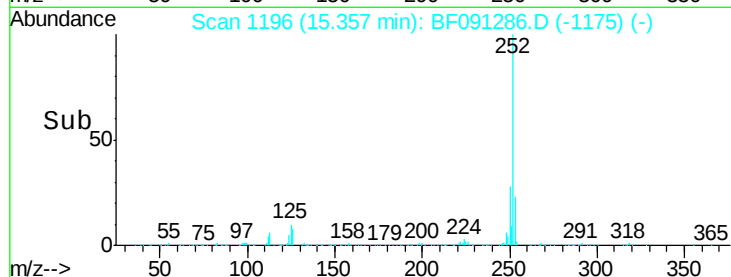
125 10.6 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 36.85 ng

RT: 17.33 min Scan# 1369

Delta R.T. 0.02 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

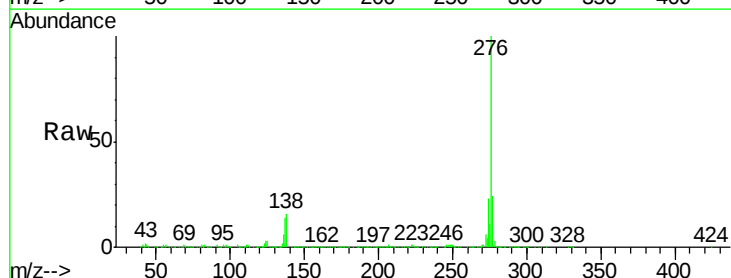
Tgt Ion:276 Resp: 922688

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 15.7 15.4 23.0



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

