

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091287.D
 Acq On : 23 Nov 2016 20:58
 Operator : UM/SJ
 Sample : H5740-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 24 00:01:01 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	213739	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	865716	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	461529	20.00	ng	0.01
63) Phenanthrene-d10	11.40	188	681317	20.00	ng	0.00
75) Chrysene-d12	14.04	240	472482	20.00	ng	0.00
86) Perylene-d12	15.48	264	488268	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1365481	102.64	ng	0.02
7) Phenol-d6	6.51	99	1657879	97.00	ng	0.01
23) Nitrobenzene-d5	7.45	82	1097075	72.96	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	429548	92.29	ng	0.01
44) 2-Fluorobiphenyl	9.24	172	1795310	63.69	ng	0.00
78) Terphenyl-d14	12.99	244	1287926	62.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	164301	26.18	ng	# 85
3) Pyridine	3.29	79	444666	26.37	ng	87
4) n-Nitrosodimethylamine	3.23	42	317295	34.36	ng	94
6) Aniline	6.52	93	379129	17.35	ng	# 37
8) 2-Chlorophenol	6.67	128	508029	35.06	ng	98
9) Benzaldehyde	6.42	77	33494	2.61	ng	92
10) Phenol	6.52	94	611608	32.07	ng	98
11) bis(2-Chloroethyl)ether	6.61	93	808543	57.67	ng	96
12) 1,3-Dichlorobenzene	6.90	146	545896	34.55	ng	98
13) 1,4-Dichlorobenzene	6.90	146	545896	33.76	ng	99
14) 1,2-Dichlorobenzene	6.90	146	545896	35.58	ng	95
15) Benzyl Alcohol	7.02	79	496869	37.44	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	973781	31.68	ng	71
17) 2-Methylphenol	7.14	107	430148	37.52	ng	# 76
18) Hexachloroethane	7.40	117	187468	32.56	ng	91
19) n-Nitroso-di-n-propylamine	7.30	70	377492	35.21	ng	# 96
20) 3+4-Methylphenols	7.29	107	464023	32.97	ng	# 68
22) Acetophenone	7.29	105	679412	34.78	ng	# 73
24) Nitrobenzene	7.46	77	523602	32.91	ng	95
25) Isophorone	7.71	82	997251	35.50	ng	94
26) 2-Nitrophenol	7.78	139	231899	36.34	ng	98
27) 2,4-Dimethylphenol	7.82	122	478198	35.70	ng	93
28) bis(2-Chloroethoxy)methane	7.92	93	601499	35.96	ng	99
29) 2,4-Dichlorophenol	8.02	162	382887	32.35	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	469831	34.46	ng	98
31) Naphthalene	8.19	128	1470405	35.31	ng	100
32) Benzoic acid	7.88	122	38332	3.63	ng	88
33) 4-Chloroaniline	8.24	127	272227	15.03	ng	# 93
34) Hexachlorobutadiene	8.32	225	270096	33.51	ng	100
35) Caprolactam	8.60	113	97446	26.71	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	444197	34.92	ng	95
37) 2-Methylnaphthalene	8.88	142	913296	31.95	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	439441	35.13	ng	98
40) Hexachlorocyclopentadiene	9.04	237	252987	45.19	ng	99

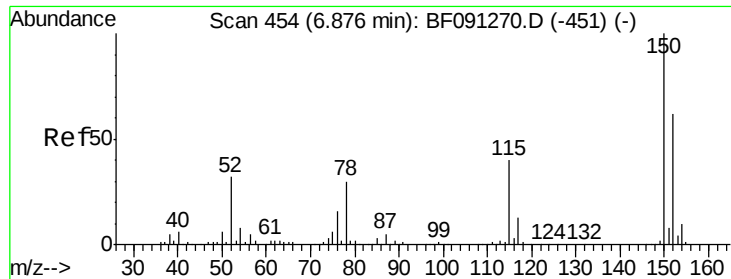
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	292867	33.95	ng	97
43) 2,4,5-Trichlorophenol	9.20	196	283261	34.18	ng #	88
45) 1,1'-Biphenyl	9.34	154	1063732	31.97	ng	97
46) 2-Chloronaphthalene	9.37	162	818206	33.57	ng	99
47) 2-Nitroaniline	9.46	65	297507	35.97	ng #	78
48) Acenaphthylene	9.78	152	1269211	32.49	ng	99
49) Dimethylphthalate	9.65	163	1126400	39.09	ng	98
50) 2,6-Dinitrotoluene	9.71	165	223775	35.55	ng #	53
51) Acenaphthene	9.96	154	928978	34.94	ng	95
52) 3-Nitroaniline	9.87	138	144888	21.41	ng	91
53) 2,4-Dinitrophenol	9.97	184	60763	29.61	ng	91
54) Dibenzofuran	10.13	168	1226478	32.80	ng #	87
55) 4-Nitrophenol	10.03	139	343464	70.37	ng #	79
56) 2,4-Dinitrotoluene	10.11	165	299441	37.59	ng #	85
57) Fluorene	10.46	166	945434	33.04	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	241836	33.19	ng	97
59) Diethylphthalate	10.35	149	1000122	34.49	ng #	94
60) 4-Chlorophenyl-phenylether	10.46	204	440822	33.44	ng	93
61) 4-Nitroaniline	10.48	138	161985	25.65	ng	86
62) Azobenzene	10.62	77	1079718	36.71	ng	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	92272	29.86	ng #	67
65) n-Nitrosodiphenylamine	10.58	169	772872	37.36	ng	99
66) 4-Bromophenyl-phenylether	10.96	248	288346	38.72	ng #	79
67) Hexachlorobenzene	11.01	284	274985	33.69	ng #	83
68) Atrazine	11.12	200	249012	Below	Cal	90
69) Pentachlorophenol	11.21	266	292928	60.65	ng	97
70) Phenanthrene	11.44	178	2995622	84.75	ng	98
71) Anthracene	11.48	178	1528816	42.30	ng	99
72) Carbazole	11.63	167	1205391	37.48	ng	99
73) Di-n-butylphthalate	11.97	149	1332195	35.77	ng	100
74) Fluoranthene	12.63	202	3579971	99.58	ng	98
76) Benzidine	12.74	184	69230	7.56	ng	100
77) Pyrene	12.85	202	3120270	89.38	ng	98
79) Butylbenzylphthalate	13.47	149	464321	33.23	ng	87
80) Benzo(a)anthracene	14.03	228	1788694	66.70	ng	98
81) 3,3'-Dichlorobenzidine	14.00	252	207285	23.44	ng	99
82) Chrysene	14.07	228	1392663	54.95	ng	98
83) Bis(2-ethylhexyl)phthalate	14.03	149	559614	32.18	ng	96
84) Di-n-octyl phthalate	14.65	149	1012117	36.97	ng	96
85) Indeno(1,2,3-cd)pyrene	16.91	276	1287786	59.00	ng	95
87) Benzo(b)fluoranthene	15.07	252	3041314	98.74	ng	98
88) Benzo(k)fluoranthene	15.07	252	3041314	120.89	ng #	97
89) Benzo(a)pyrene	15.36	252	594540	22.69	ng	98
90) Dibenzo(a,h)anthracene	16.92	278	856273	35.39	ng #	93
91) Benzo(g,h,i)perylene	17.33	276	1086824	45.29	ng	100

(#) = 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

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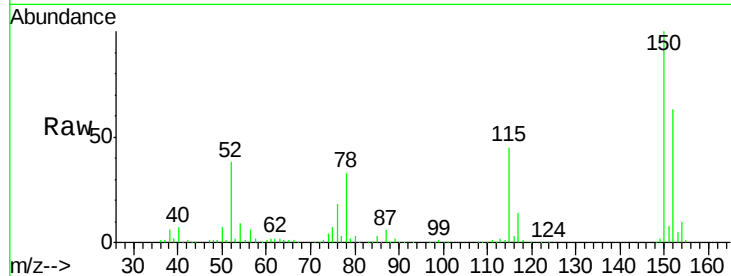
Tgt Ion:152 Resp: 213739

Ion Ratio Lower Upper

152 100

150 158.3 122.5 183.7

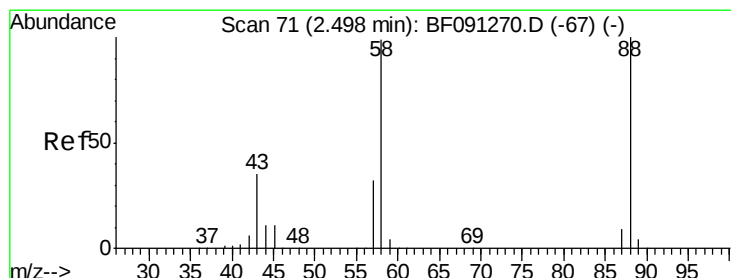
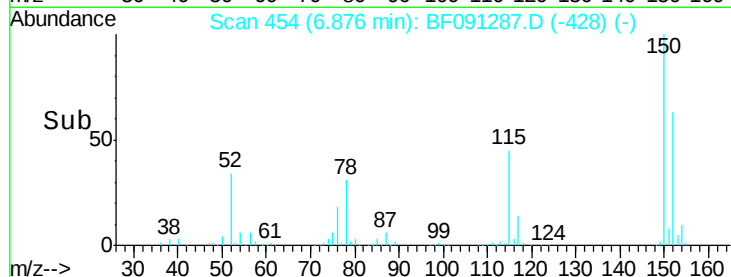
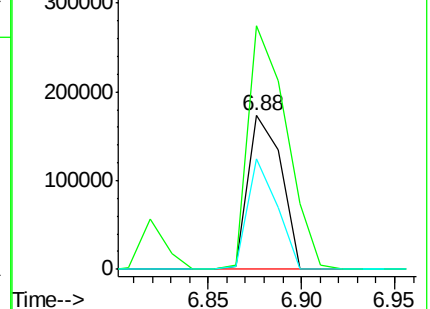
115 71.6 51.8 77.8



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: 26.18 ng

RT: 2.56 min Scan# 76

Delta R.T. 0.06 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

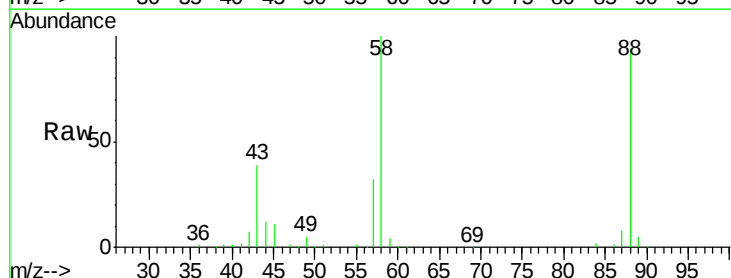
Tgt Ion: 88 Resp: 164301

Ion Ratio Lower Upper

88 100

58 106.5 70.3 105.5#

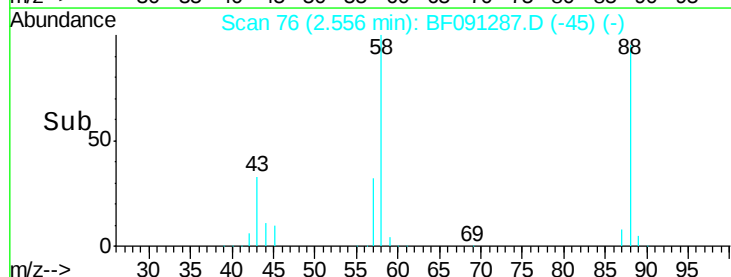
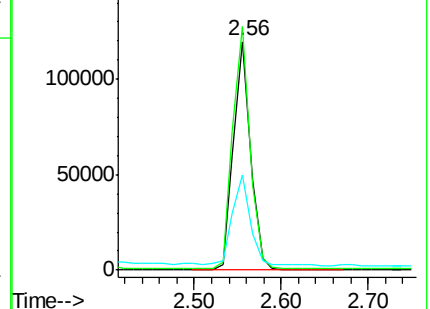
43 41.3 31.3 46.9

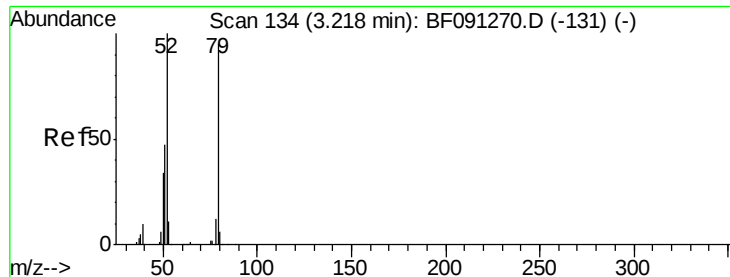


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 26.37 ng

RT: 3.29 min Scan# 140

Delta R.T. 0.07 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

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ClientSampleId :

SB-01(0-0.16)MSD

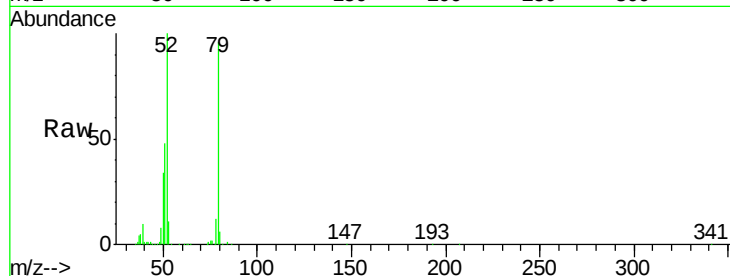
Tgt Ion: 79 Resp: 444666

Ion Ratio Lower Upper

79 100

52 104.5 71.0 106.4

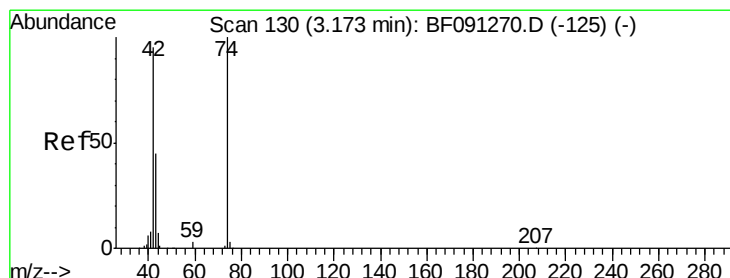
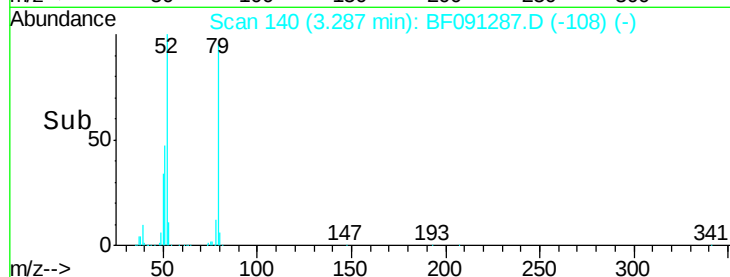
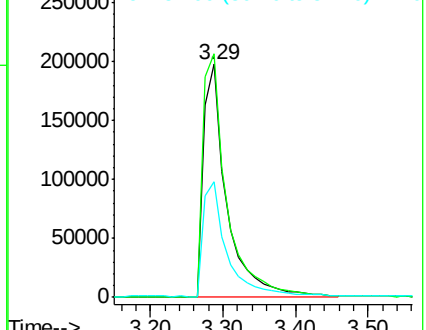
51 49.7 37.0 55.4



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: 34.36 ng

RT: 3.23 min Scan# 135

Delta R.T. 0.06 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

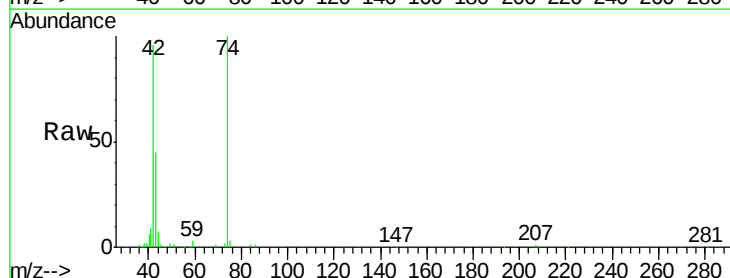
Tgt Ion: 42 Resp: 317295

Ion Ratio Lower Upper

42 100

74 104.5 78.9 118.3

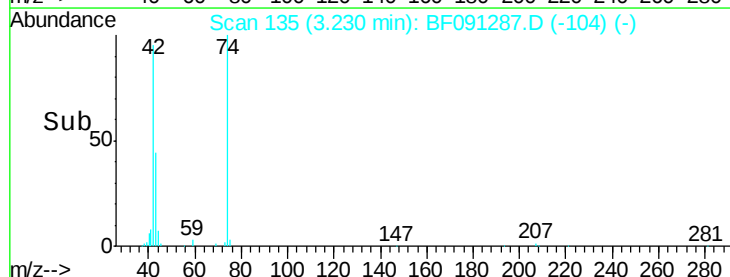
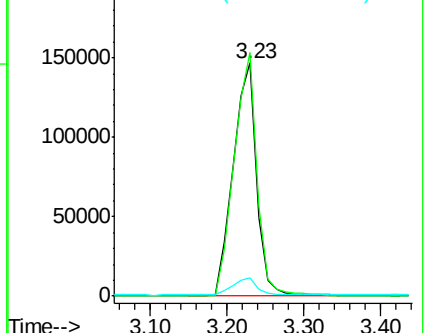
44 7.8 5.8 8.6

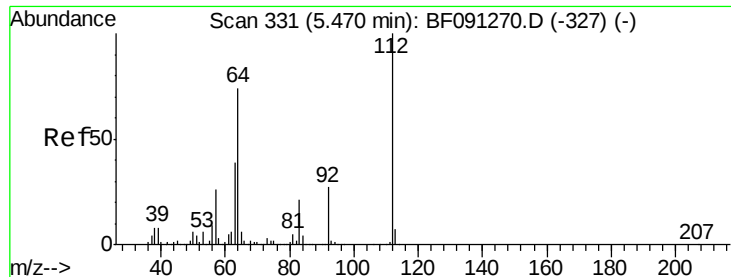


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 102.64 ng

RT: 5.49 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF091287.D

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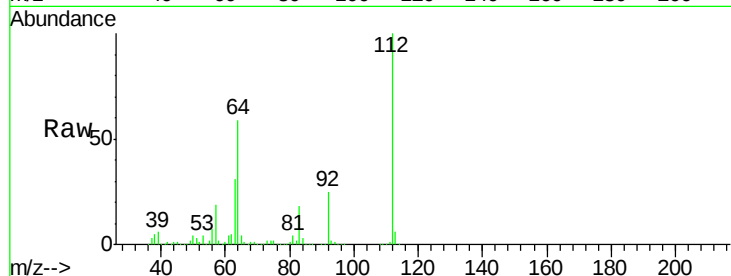
Tgt Ion:112 Resp: 1365481

Ion Ratio Lower Upper

112 100

64 58.6 61.5 92.3#

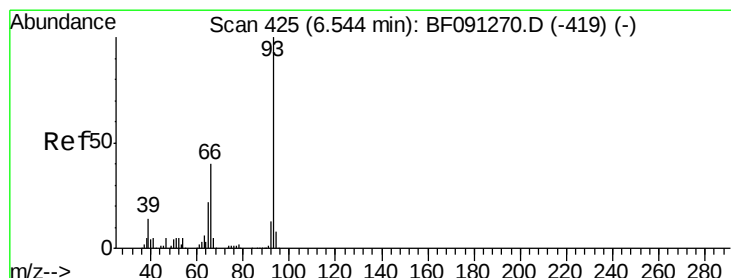
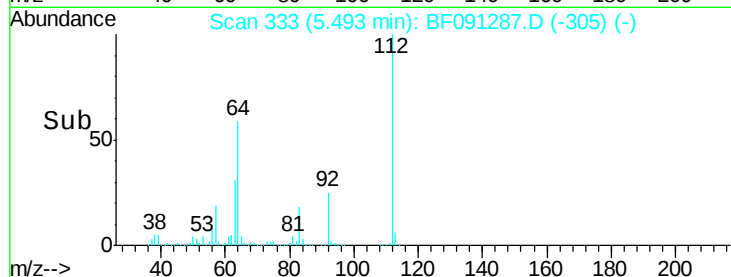
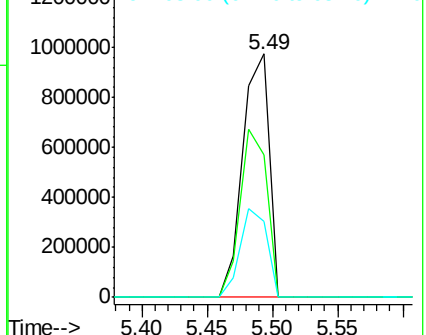
63 31.1 33.3 49.9#



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: 17.35 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

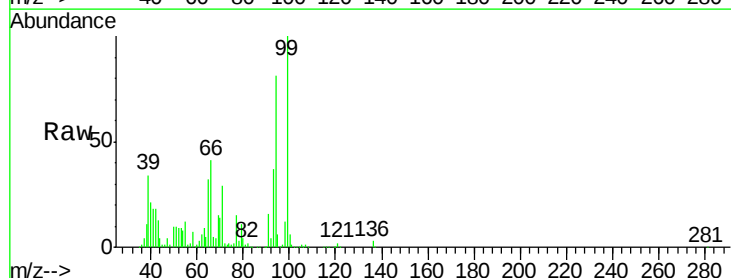
Tgt Ion: 93 Resp: 379129

Ion Ratio Lower Upper

93 100

66 112.2 55.8 83.6#

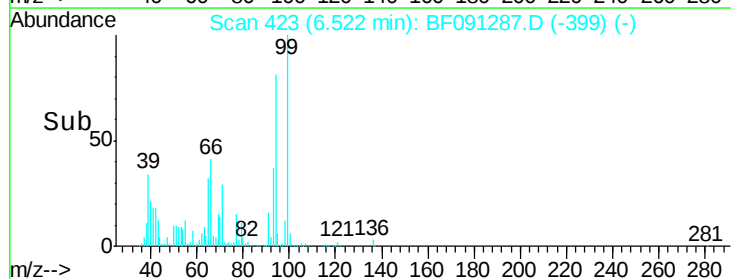
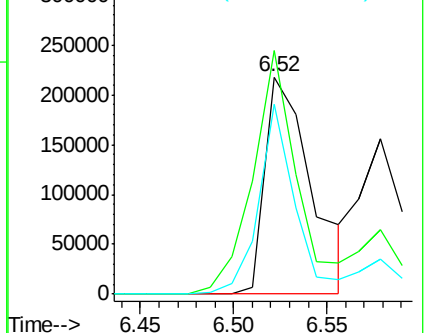
65 87.8 29.9 44.9#

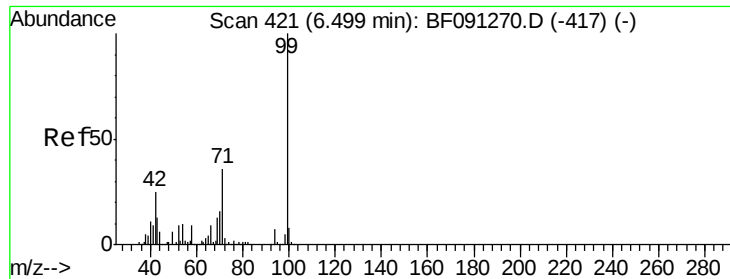


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 97.00 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091287.D

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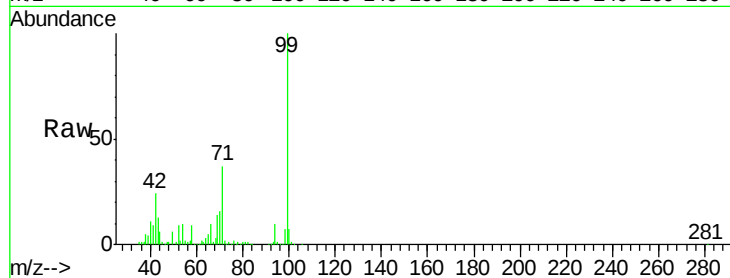
Tgt Ion: 99 Resp: 1657879

Ion Ratio Lower Upper

99 100

42 24.3 20.6 31.0

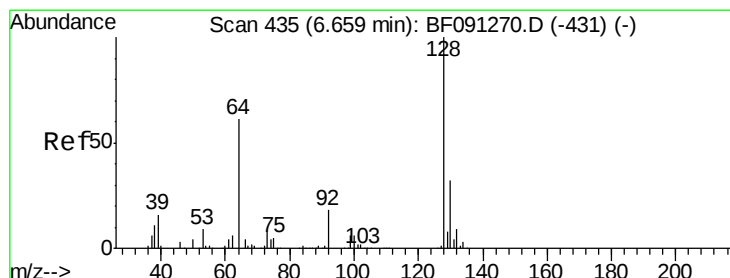
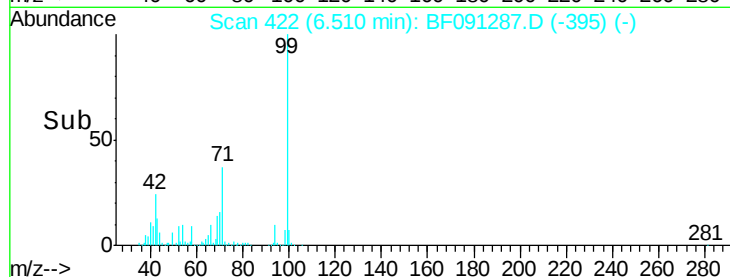
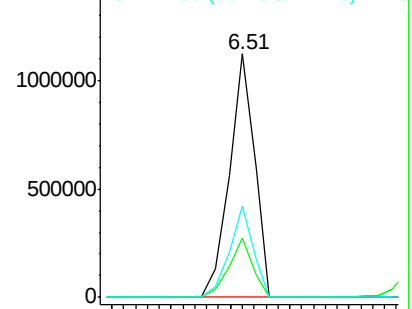
71 37.5 29.9 44.9



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: 35.06 ng

RT: 6.67 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

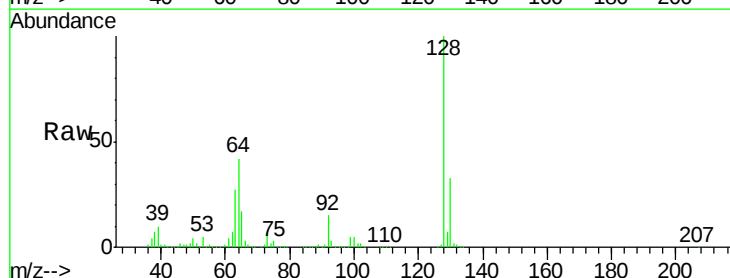
Tgt Ion: 128 Resp: 508029

Ion Ratio Lower Upper

128 100

130 33.2 13.1 53.1

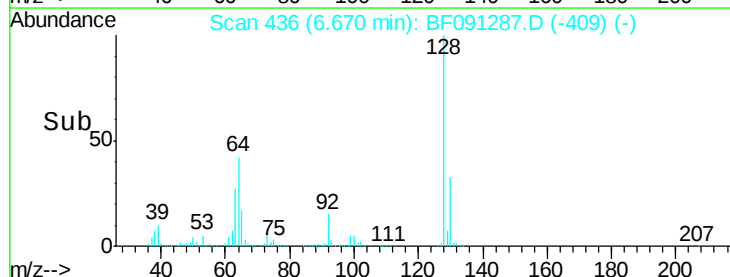
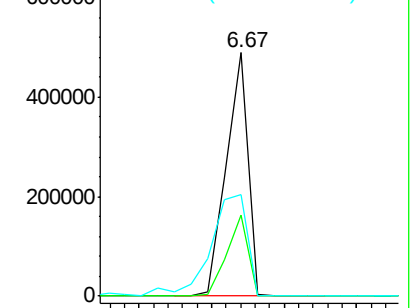
64 41.8 24.1 64.1

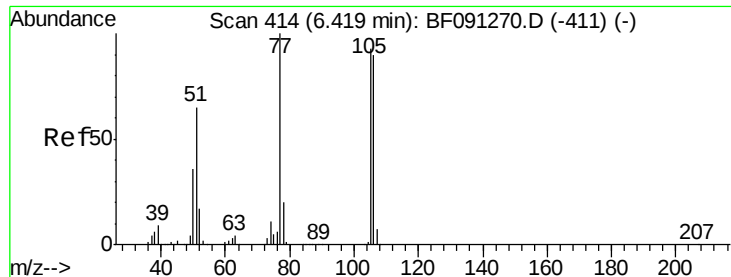


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.61 ng

RT: 6.42 min Scan# 414

Delta R.T. 0.00 min

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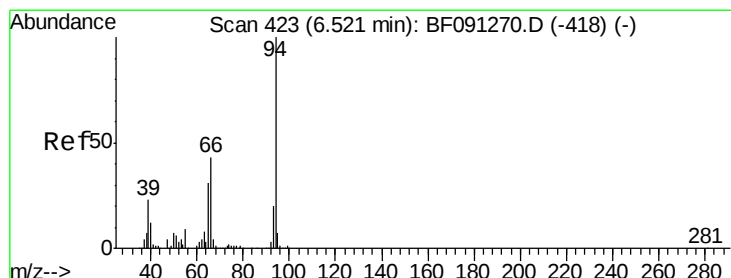
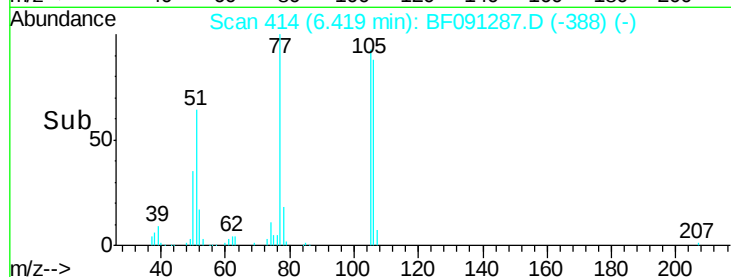
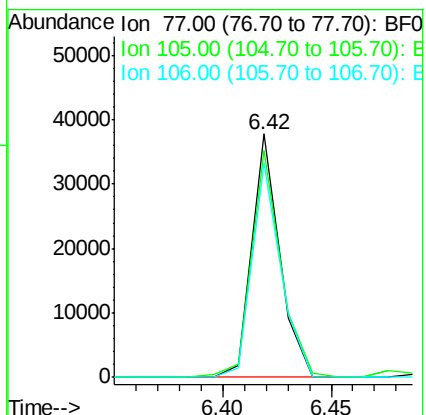
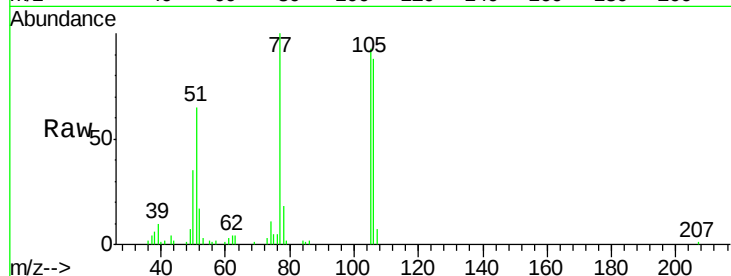
Tgt Ion: 77 Resp: 33494

Ion Ratio Lower Upper

77 100

105 93.3 66.4 106.4

106 88.2 60.9 100.9



#10

Phenol

Concen: 32.07 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.00 min

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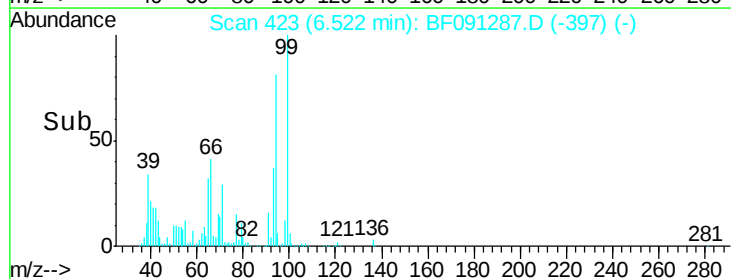
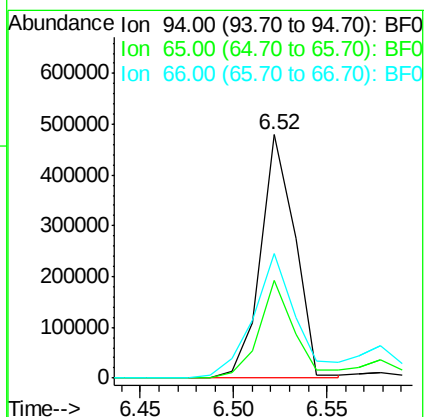
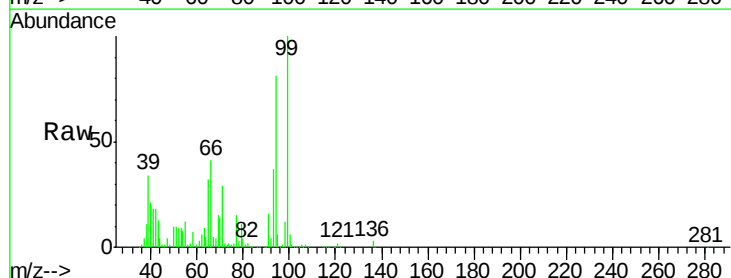
Tgt Ion: 94 Resp: 611608

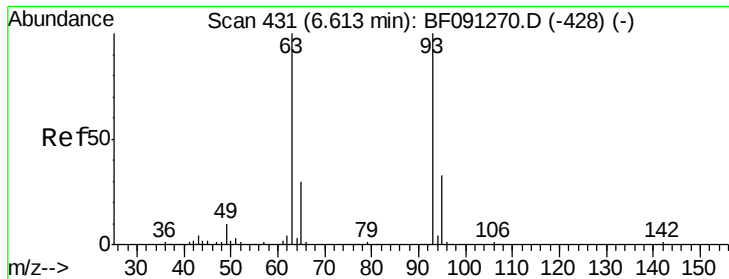
Ion Ratio Lower Upper

94 100

65 39.9 16.9 56.9

66 51.0 30.6 70.6

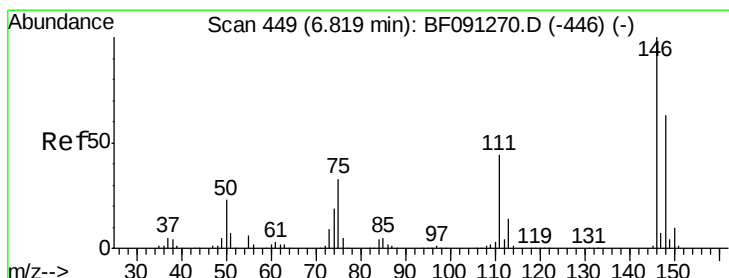
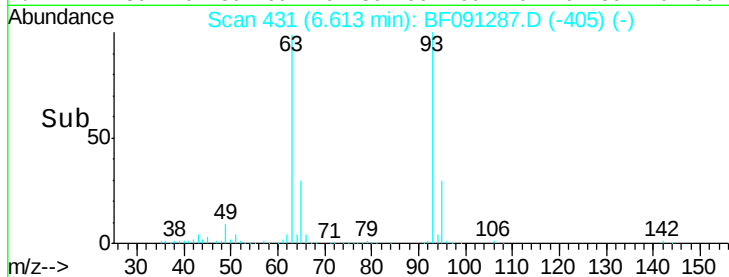
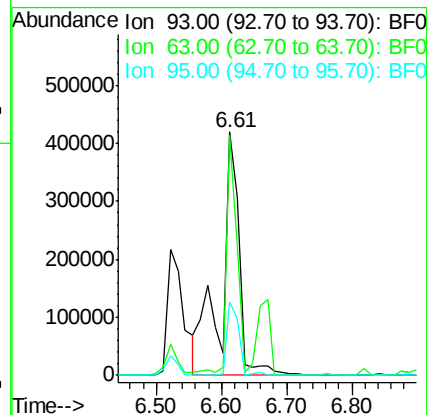
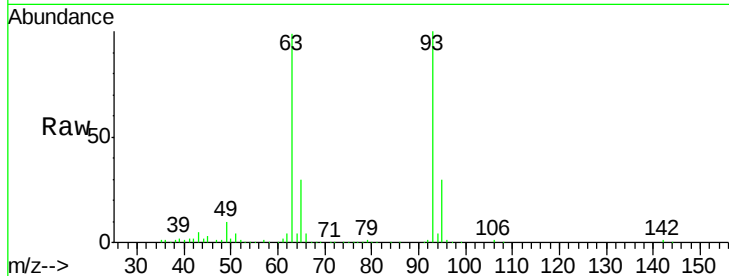




#11
 bis(2-Chloroethyl)ether
 Concen: 57.67 ng
 RT: 6.61 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

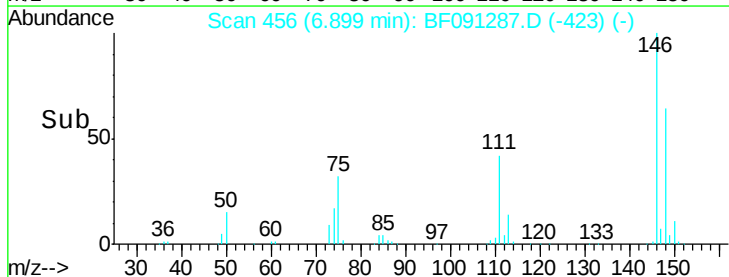
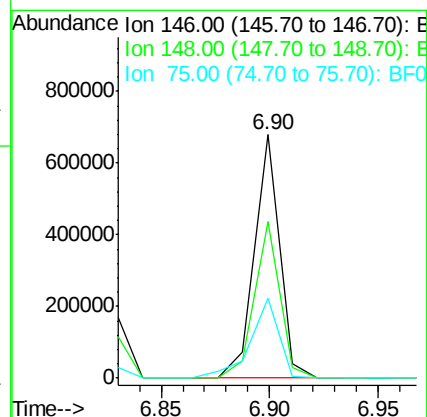
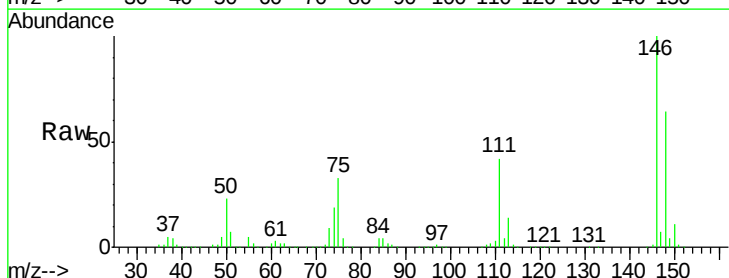
Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MSD

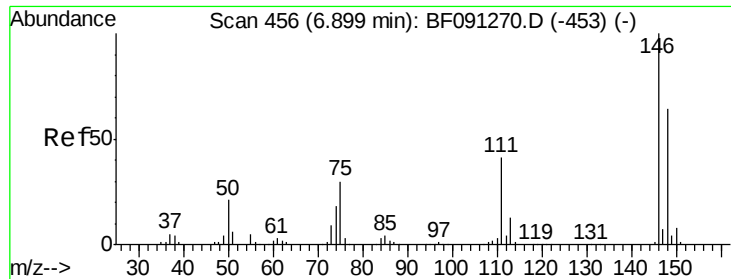
Tgt Ion: 93 Resp: 808543
 Ion Ratio Lower Upper
 93 100
 63 98.6 74.8 114.8
 95 30.3 12.4 52.4



#12
 1,3-Dichlorobenzene
 Concen: 34.55 ng
 RT: 6.90 min Scan# 456
 Delta R.T. 0.08 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Tgt Ion: 146 Resp: 545896
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.0
 75 33.0 23.6 35.4

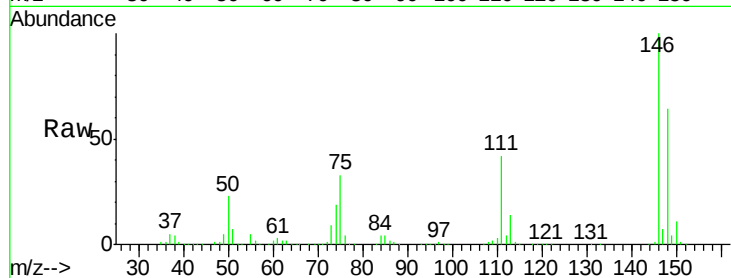




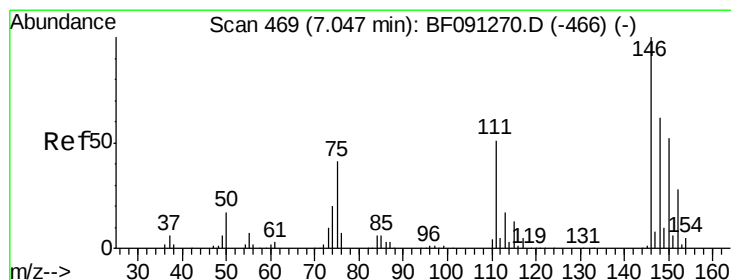
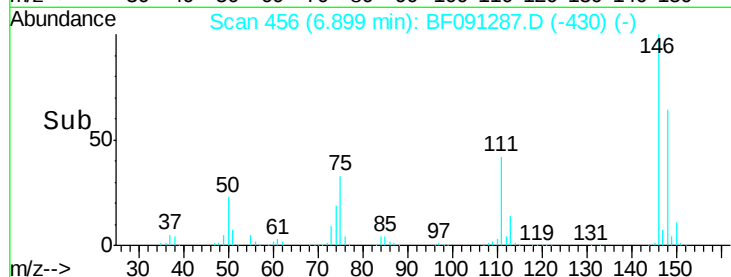
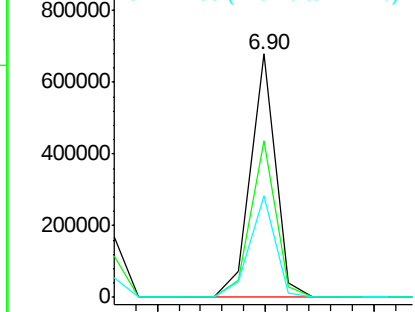
#13
 1,4-Dichlorobenzene
 Concen: 33.76 ng
 RT: 6.90 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

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

Tgt Ion:146 Resp: 545896
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.0
 111 41.9 32.2 48.2

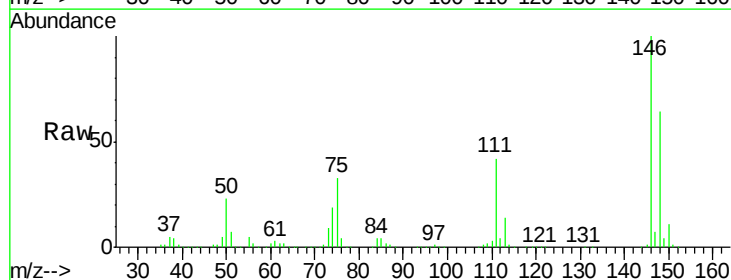


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

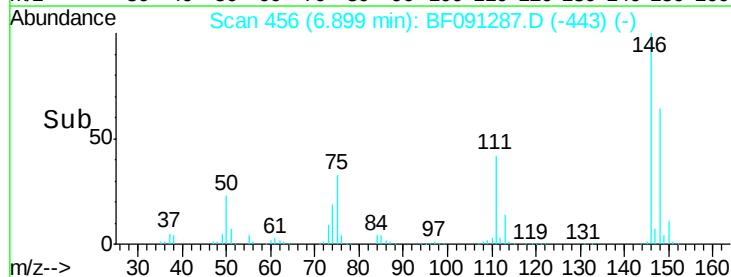
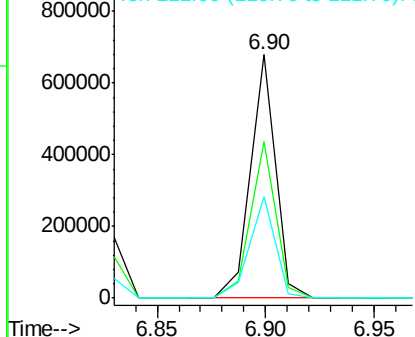


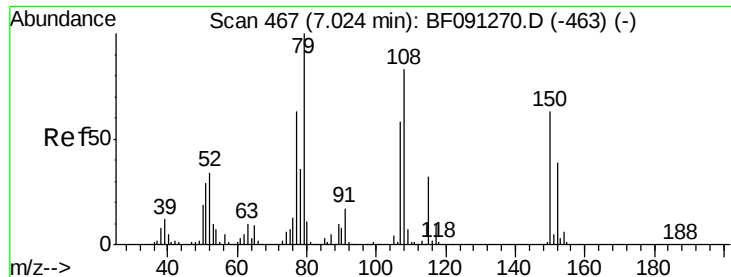
#14
 1,2-Dichlorobenzene
 Concen: 35.58 ng
 RT: 6.90 min Scan# 456
 Delta R.T. -0.15 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Tgt Ion:146 Resp: 545896
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.0 76.6
 111 41.9 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: 37.44 ng

RT: 7.02 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

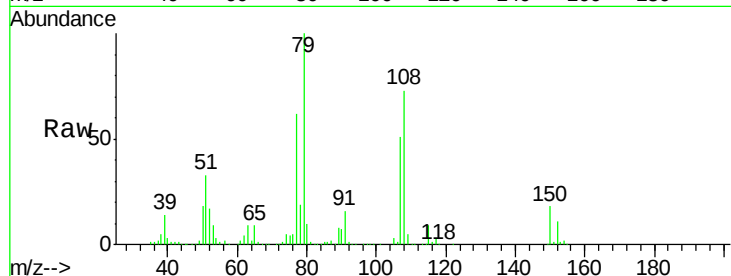
Tgt Ion: 79 Resp: 496869

Ion Ratio Lower Upper

79 100

108 72.9 62.7 94.1

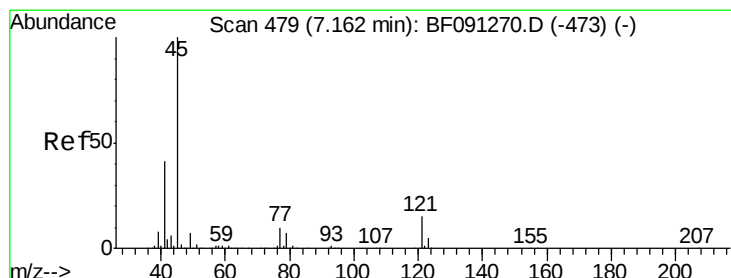
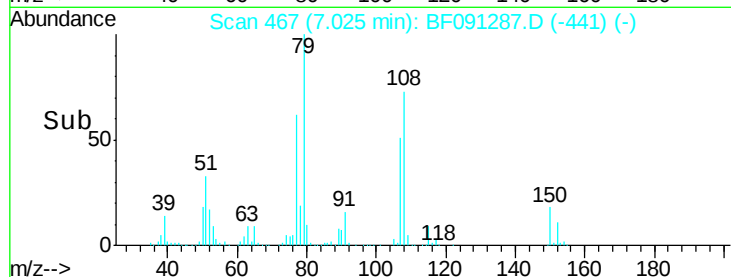
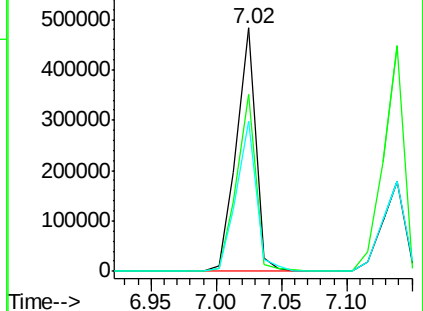
77 61.6 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.68 ng

RT: 7.16 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

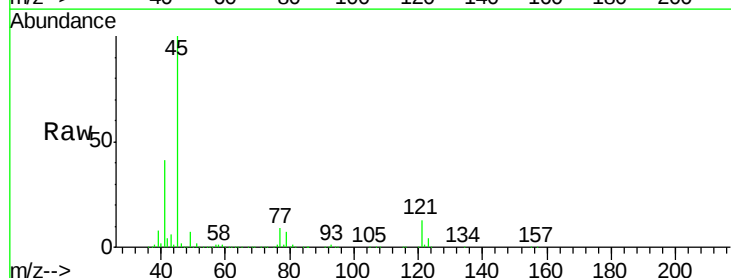
Tgt Ion: 45 Resp: 973781

Ion Ratio Lower Upper

45 100

77 9.2 3.8 43.8

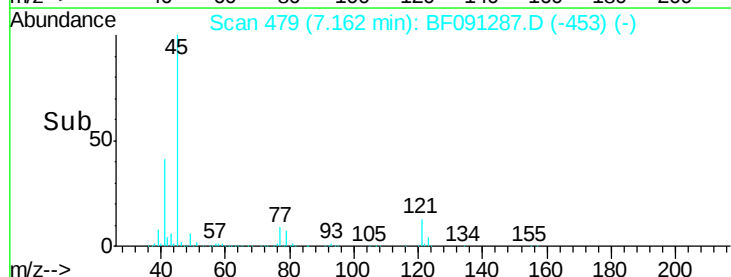
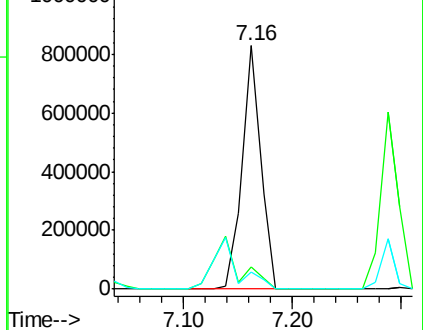
79 7.0 0.2 40.2

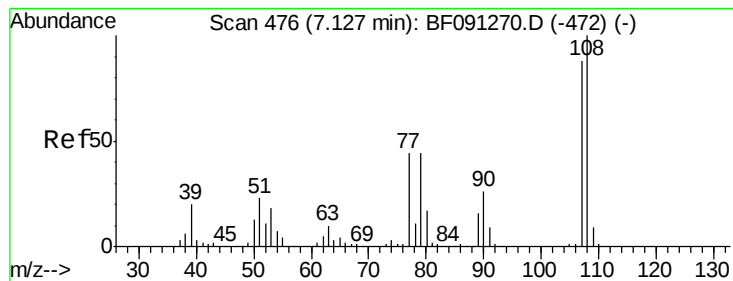


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

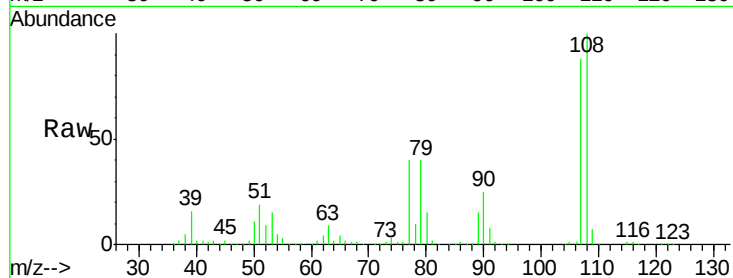




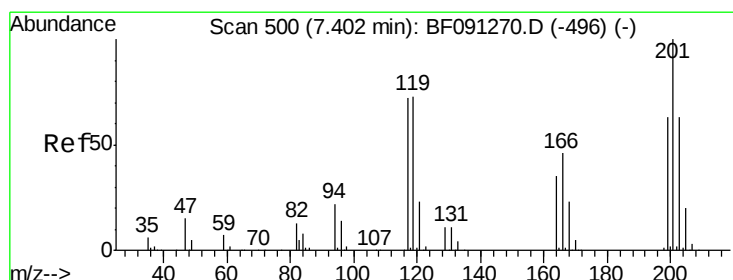
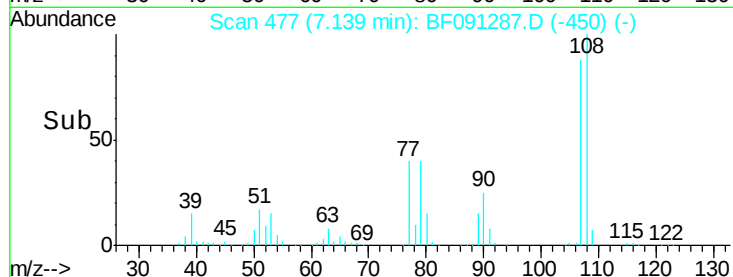
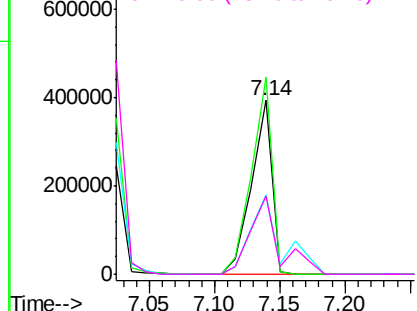
#17
2-Methylphenol
Concen: 37.52 ng
RT: 7.14 min Scan# 477
Delta R.T. 0.01 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

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

Tgt Ion:107 Resp: 430148
Ion Ratio Lower Upper
107 100
108 113.8 67.7 101.5#
77 45.4 40.7 61.1
79 45.3 23.4 35.2#

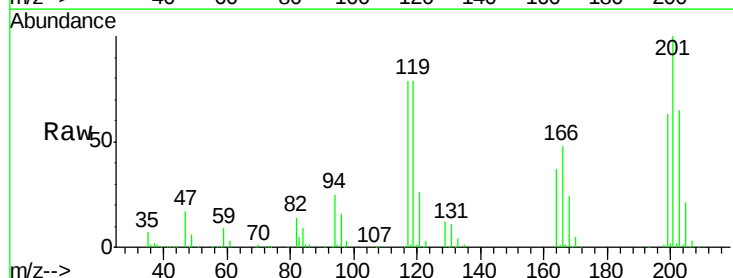


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

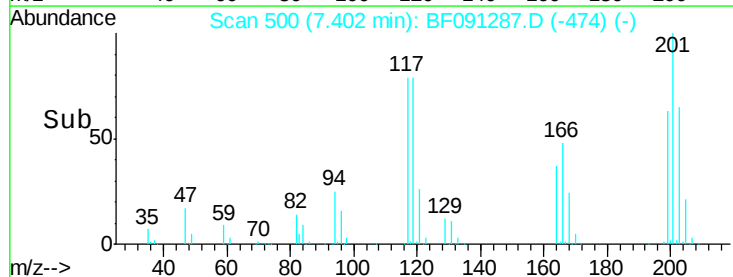
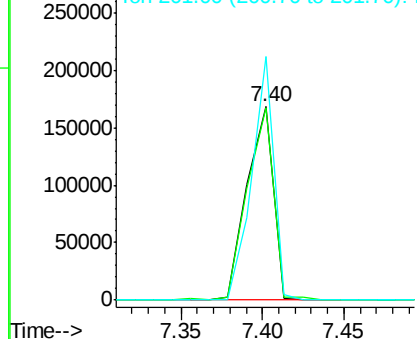


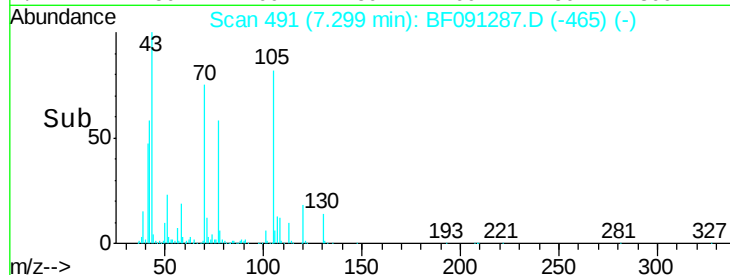
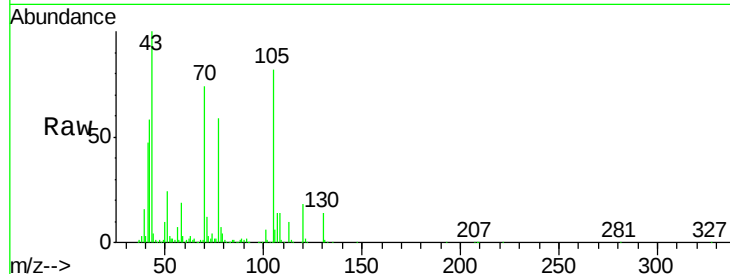
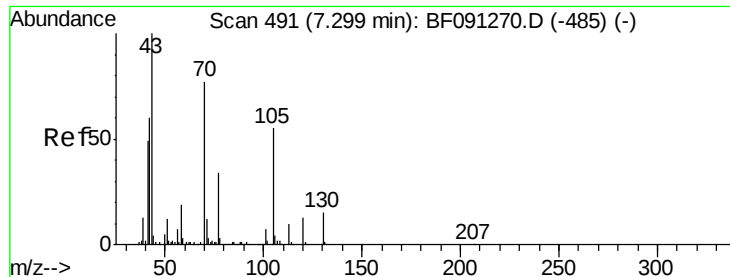
#18
Hexachloroethane
Concen: 32.56 ng
RT: 7.40 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion:117 Resp: 187468
Ion Ratio Lower Upper
117 100
119 99.5 78.6 118.0
201 126.0 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

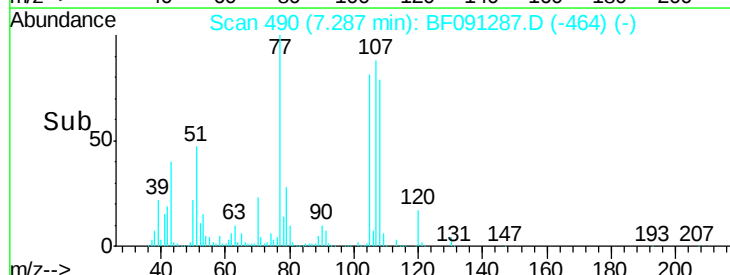
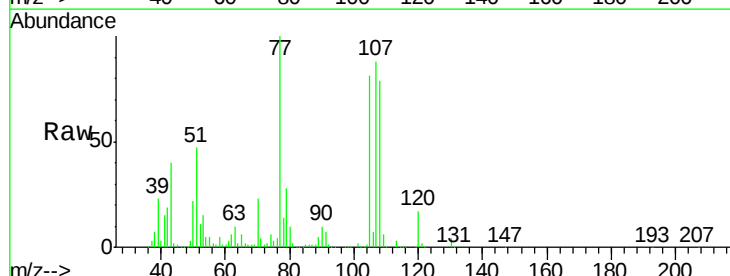
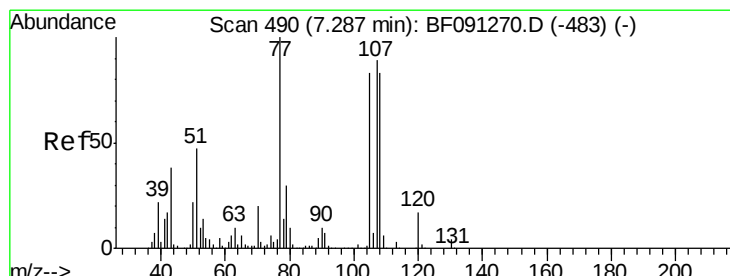
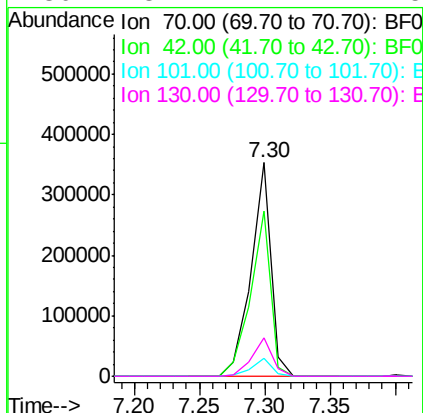




#19
n-Nitroso-di-n-propylamine
Concen: 35.21 ng
RT: 7.30 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

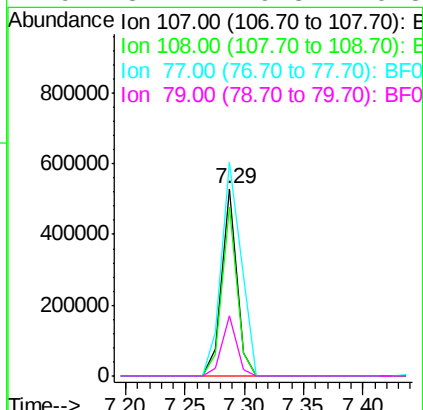
Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

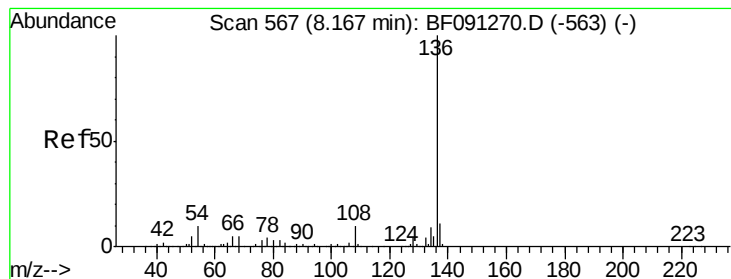
Tgt Ion: 70 Resp: 377492
Ion Ratio Lower Upper
70 100
42 77.5 64.8 97.2
101 8.3 6.2 9.4
130 18.2 11.7 17.5#



#20
3+4-Methylphenols
Concen: 32.97 ng
RT: 7.29 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion: 107 Resp: 464023
Ion Ratio Lower Upper
107 100
108 90.1 64.6 104.6
77 114.0 30.9 70.9#
79 32.4 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: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

Tgt Ion:136 Resp: 865716

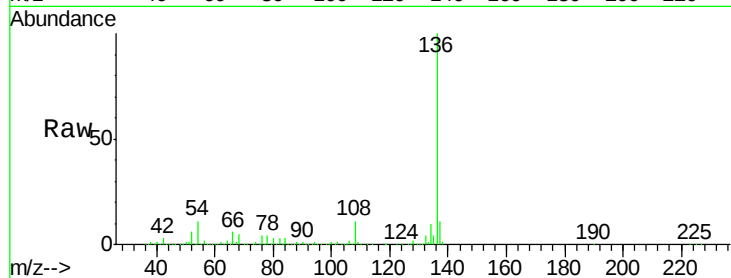
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 11.2 9.1 13.7

68 5.4 5.9 8.9#

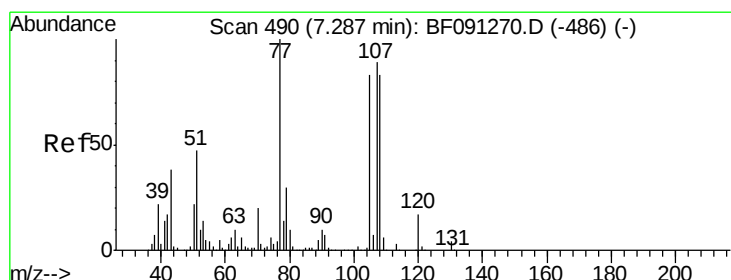
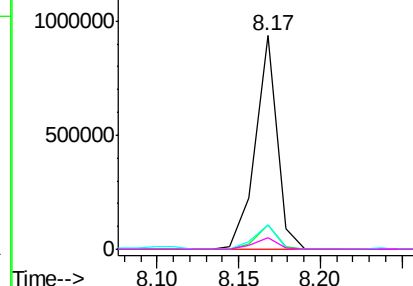
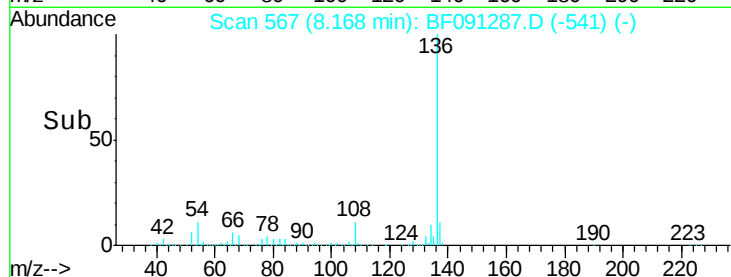


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.78 ng

RT: 7.29 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Tgt Ion:105 Resp: 679412

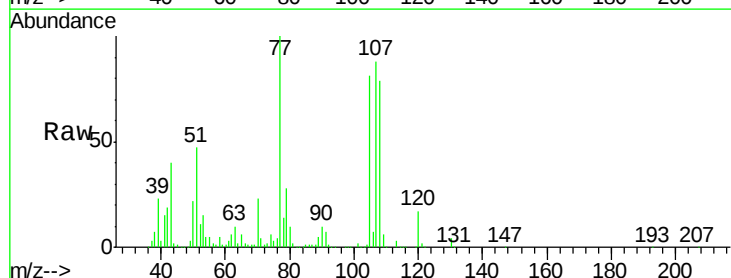
Ion Ratio Lower Upper

105 100

71 4.6 7.9 11.9#

51 57.8 24.5 36.7#

120 20.7 16.6 24.8

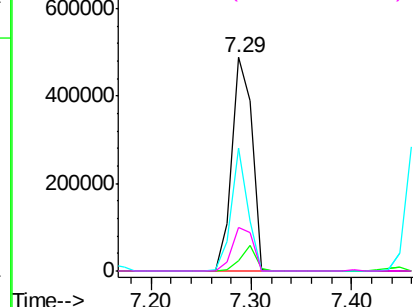
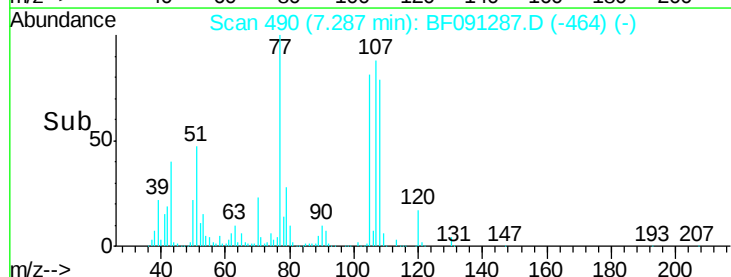


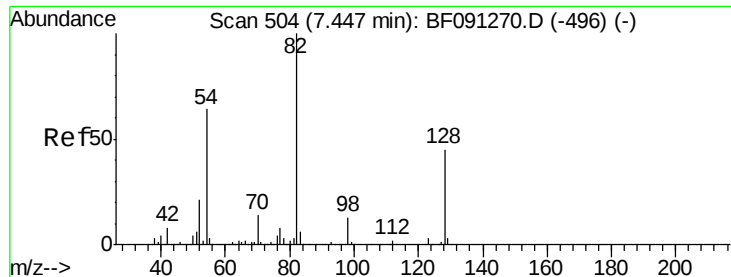
Abundance Ion 105.00 (104.70 to 105.70): E

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

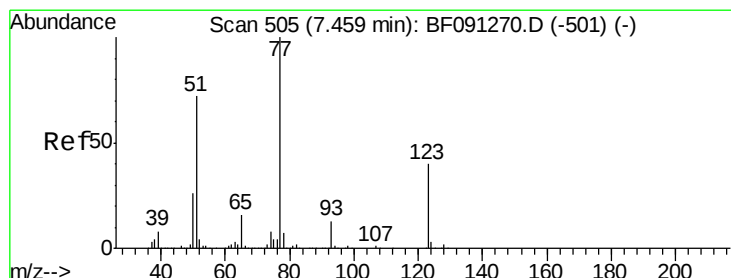
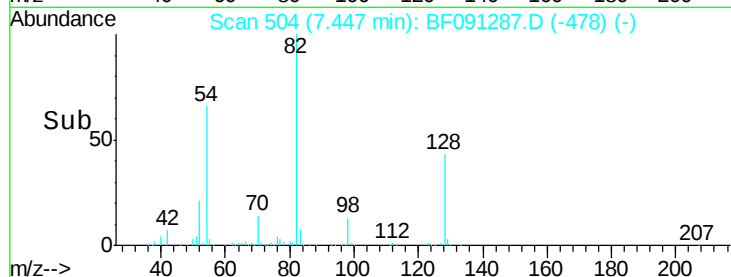
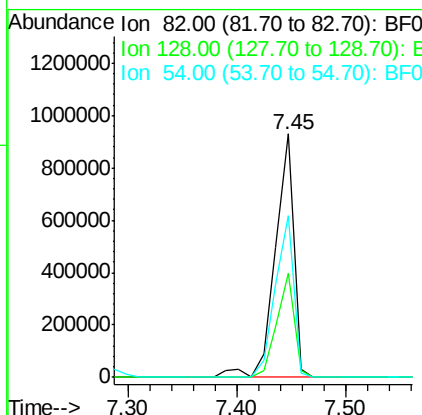
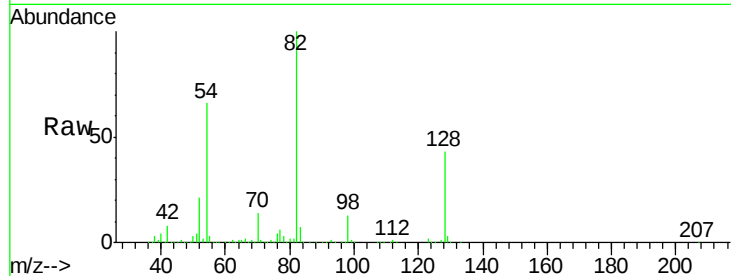




#23
 Nitrobenzene-d5
 Concen: 72.96 ng
 RT: 7.45 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

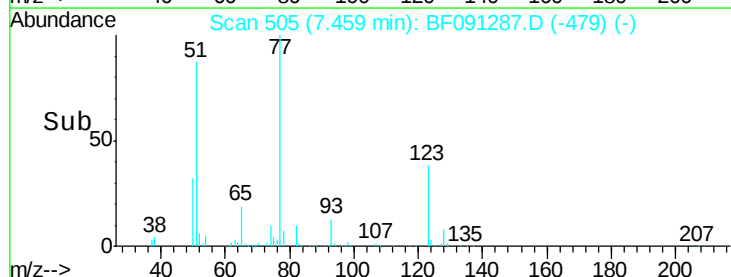
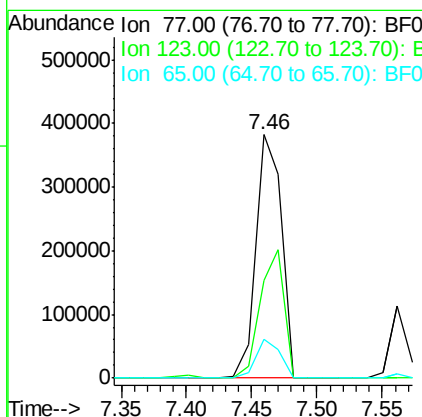
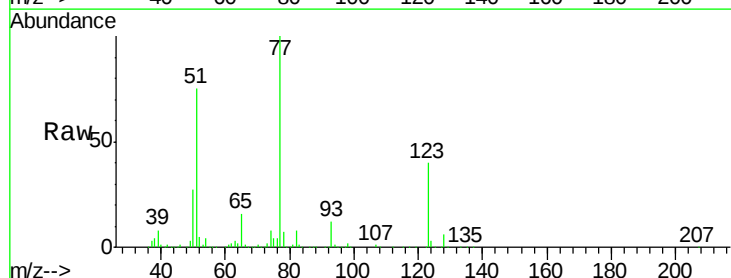
Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MSD

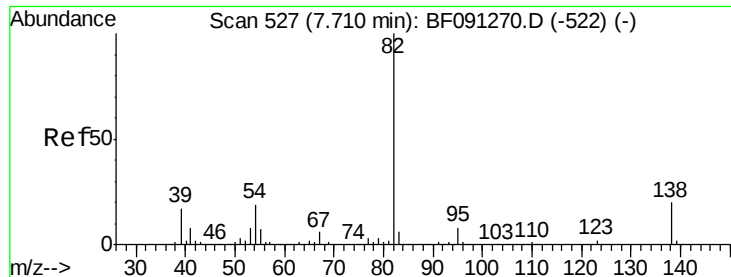
Tgt Ion: 82 Resp: 1097075
 Ion Ratio Lower Upper
 82 100
 128 42.7 31.8 47.6
 54 66.3 49.1 73.7



#24
 Nitrobenzene
 Concen: 32.91 ng
 RT: 7.46 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Tgt Ion: 77 Resp: 523602
 Ion Ratio Lower Upper
 77 100
 123 39.9 28.5 42.7
 65 15.8 12.5 18.7





#25

Isophorone

Concen: 35.50 ng

RT: 7.71 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

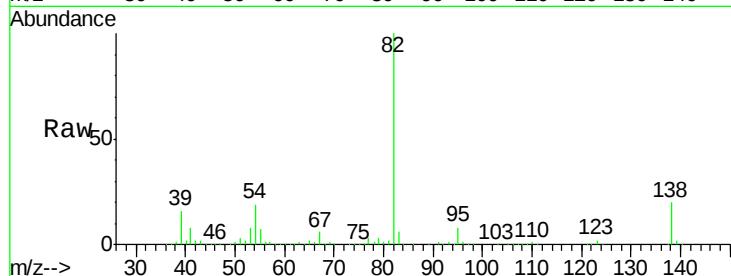
Tgt Ion: 82 Resp: 997251

Ion Ratio Lower Upper

82 100

95 7.8 5.7 8.5

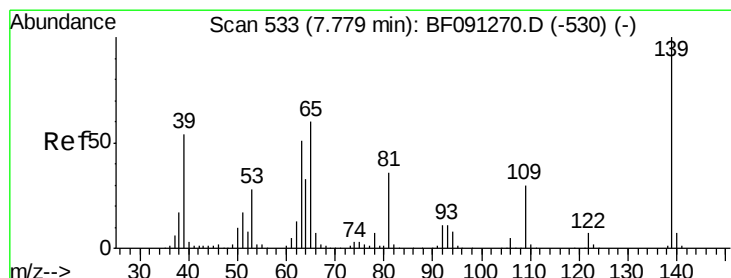
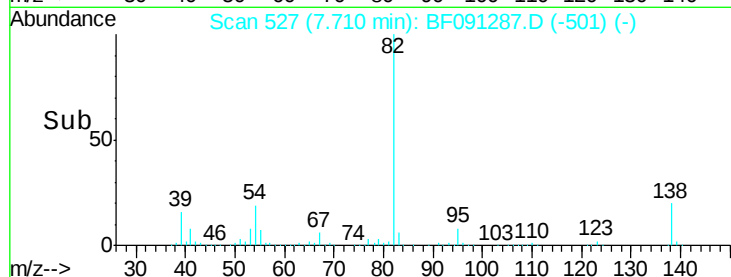
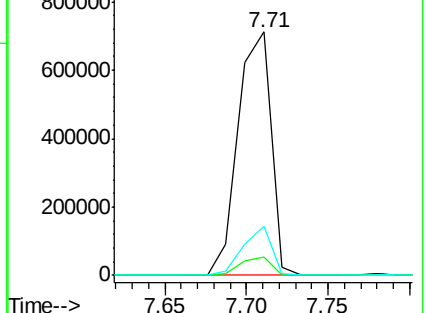
138 20.0 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 36.34 ng

RT: 7.78 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

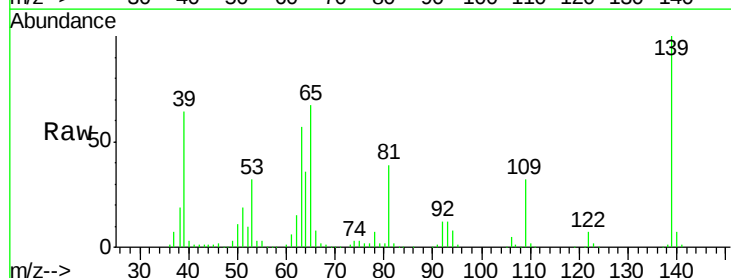
Tgt Ion: 139 Resp: 231899

Ion Ratio Lower Upper

139 100

109 31.8 25.3 37.9

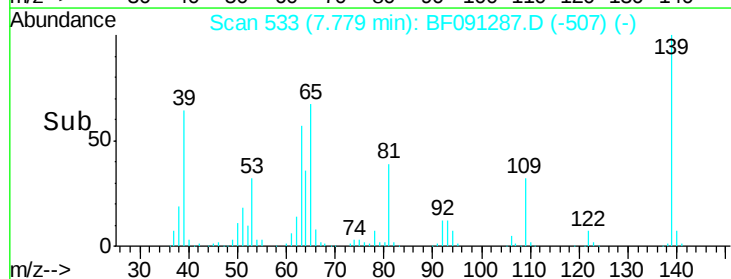
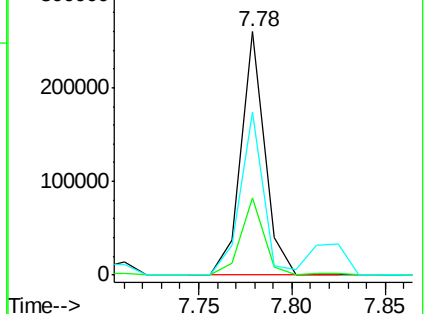
65 67.1 55.4 83.2

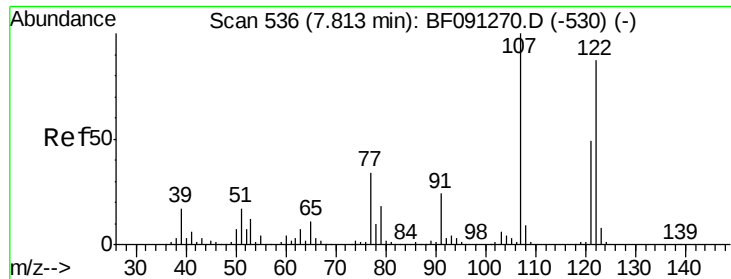


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

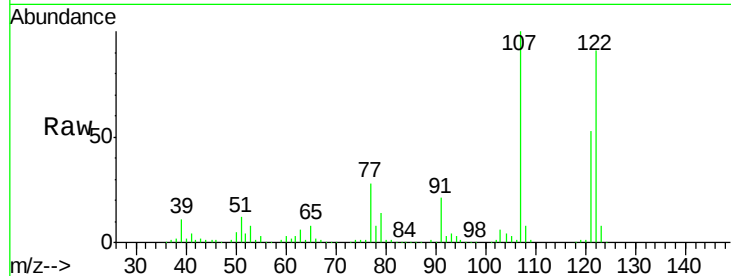




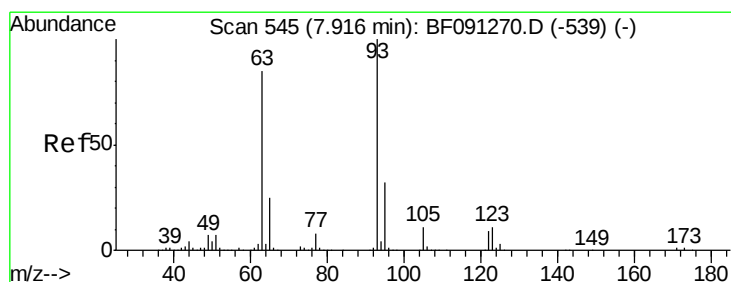
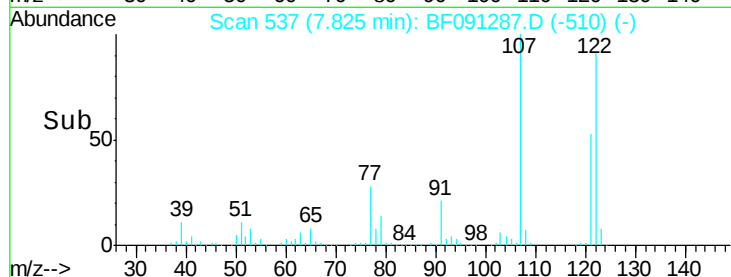
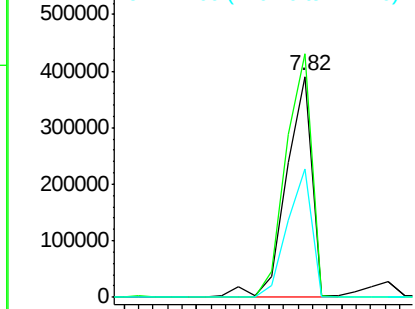
#27
2,4-Dimethylphenol
Concen: 35.70 ng
RT: 7.82 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

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

Tgt Ion:122 Resp: 478198
Ion Ratio Lower Upper
122 100
107 110.2 96.8 145.2
121 58.1 47.7 71.5

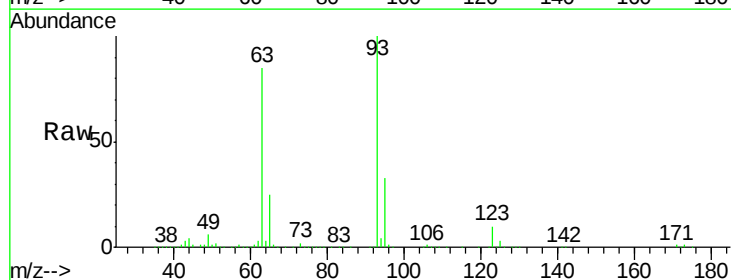


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

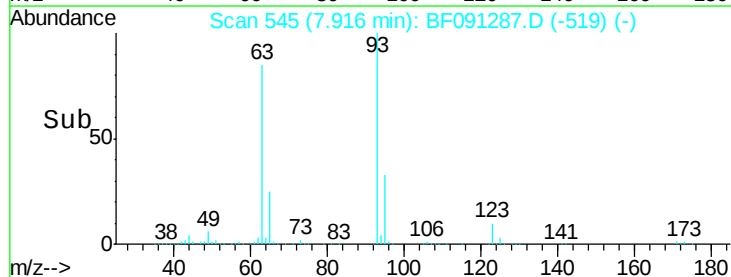
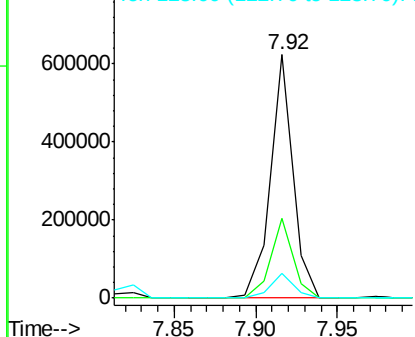


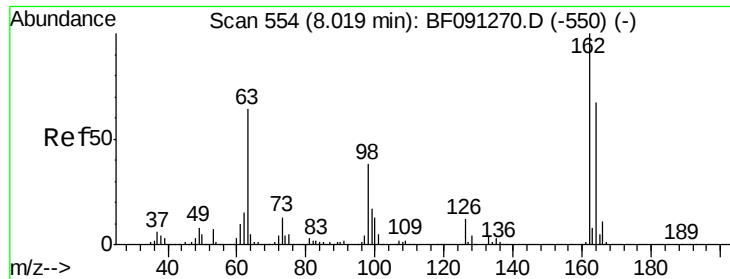
#28
bis(2-Chloroethoxy)methane
Concen: 35.96 ng
RT: 7.92 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion: 93 Resp: 601499
Ion Ratio Lower Upper
93 100
95 32.7 26.0 39.0
123 10.0 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: 32.35 ng

RT: 8.02 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

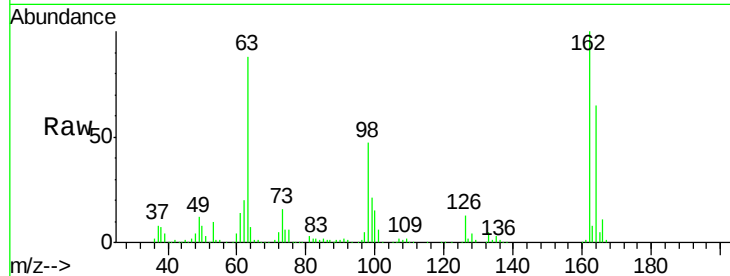
Tgt Ion:162 Resp: 382887

Ion Ratio Lower Upper

162 100

164 65.2 45.0 85.0

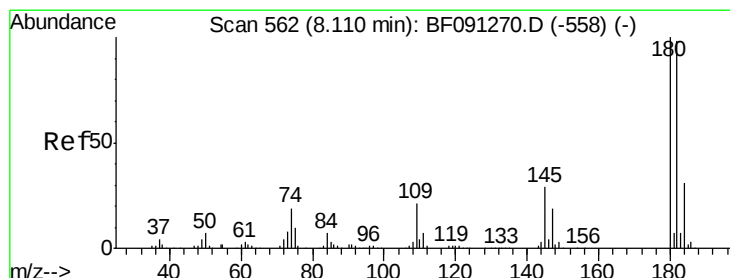
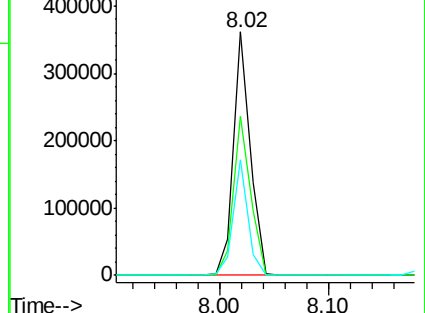
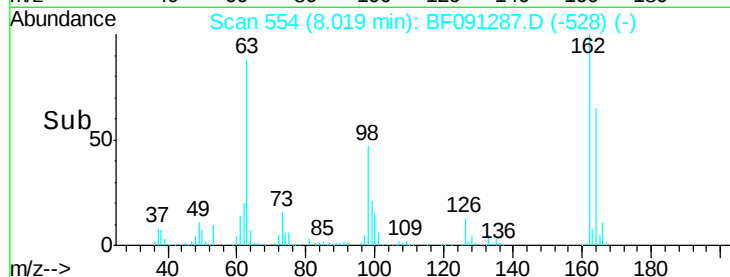
98 47.3 21.3 61.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 34.46 ng

RT: 8.11 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

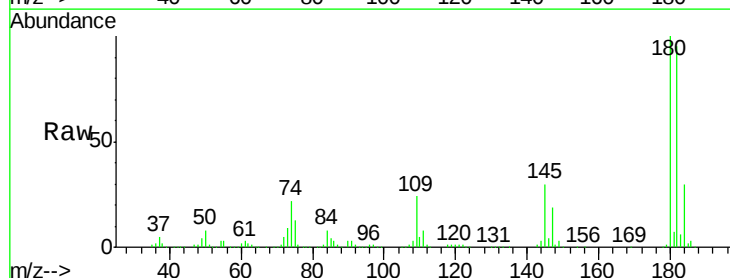
Tgt Ion:180 Resp: 469831

Ion Ratio Lower Upper

180 100

182 95.2 75.8 113.8

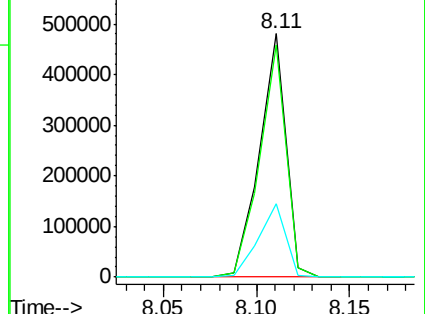
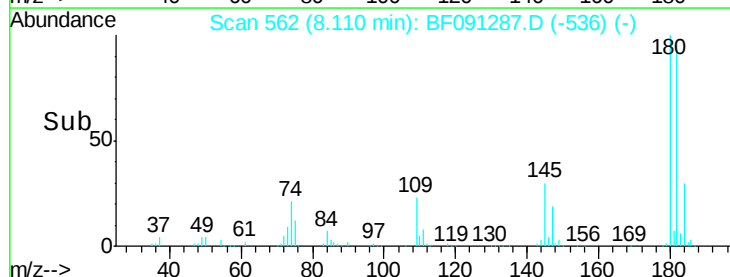
145 30.2 27.0 40.4

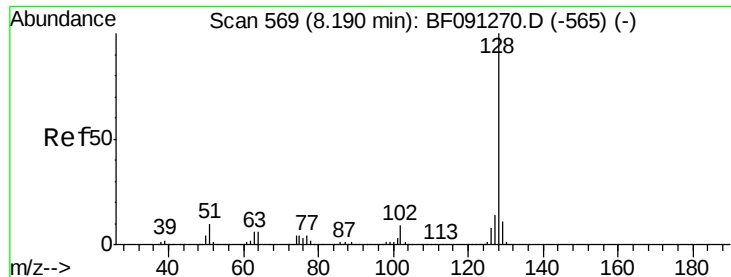


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

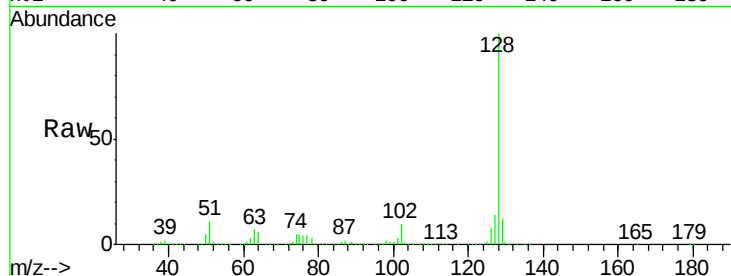




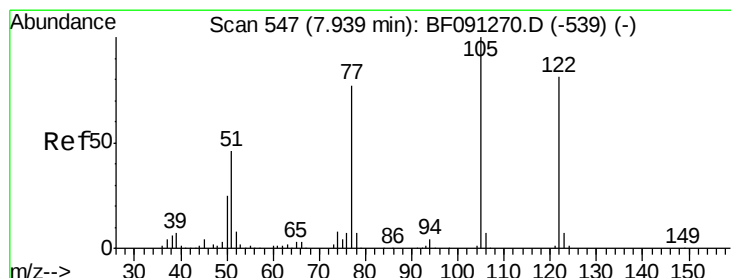
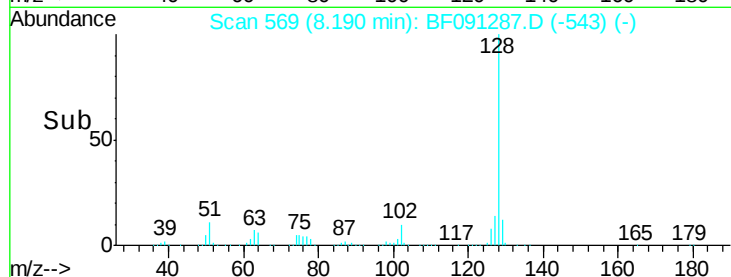
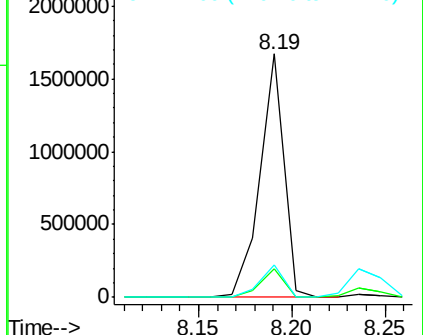
#31
Naphthalene
Concen: 35.31 ng
RT: 8.19 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

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

Tgt Ion:128 Resp: 1470405
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.5 11.0 16.4

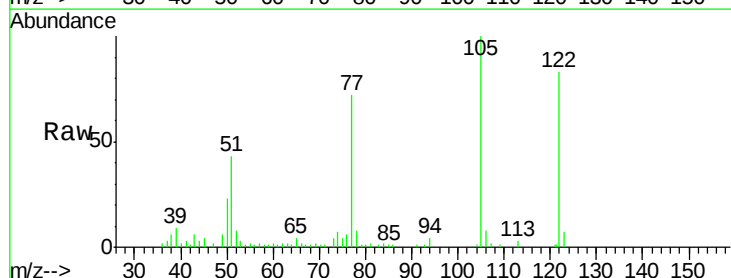


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

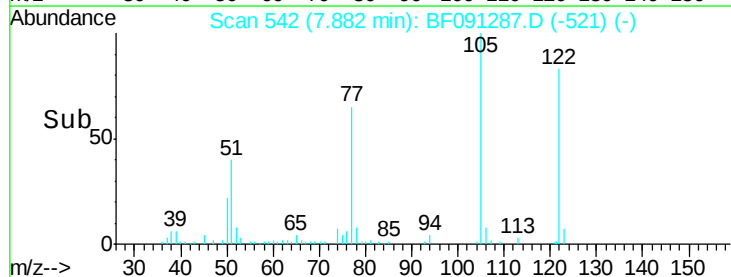
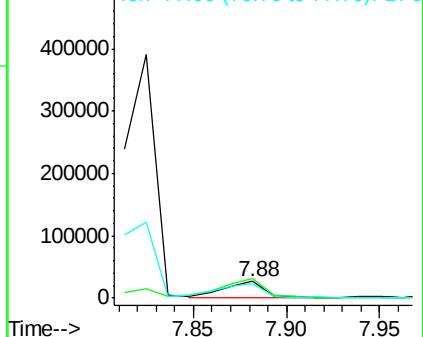


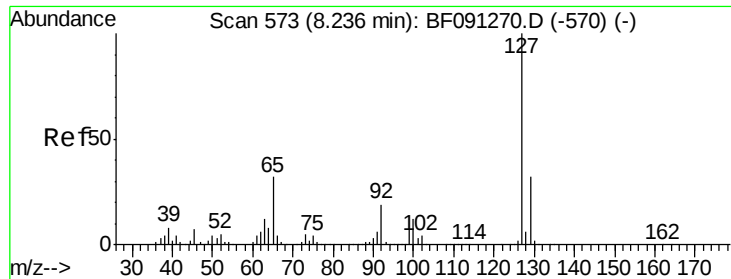
#32
Benzoic acid
Concen: 3.63 ng
RT: 7.88 min Scan# 542
Delta R.T. -0.06 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion:122 Resp: 38332
Ion Ratio Lower Upper
122 100
105 121.0 113.0 153.0
77 86.9 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

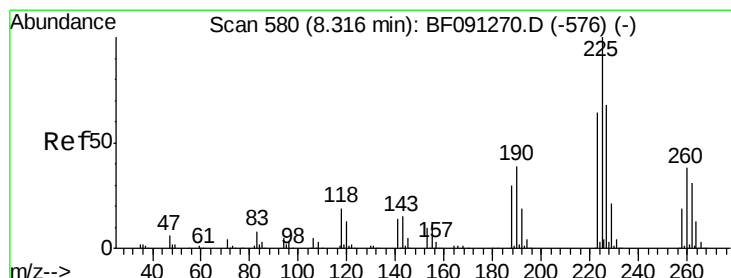
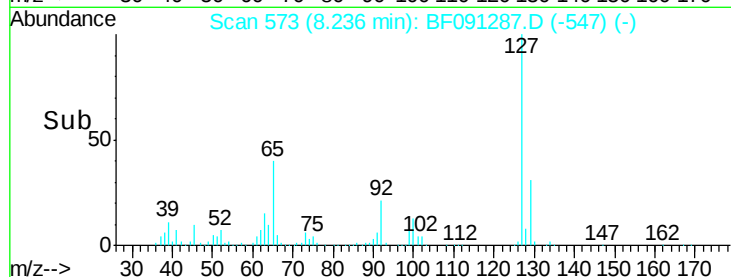
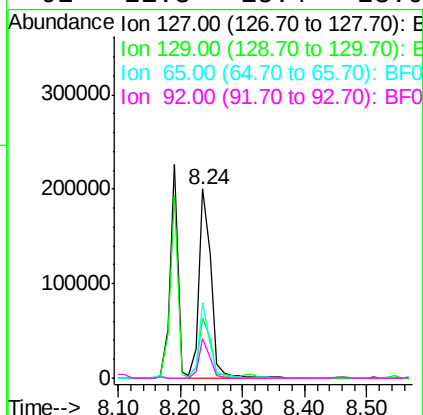
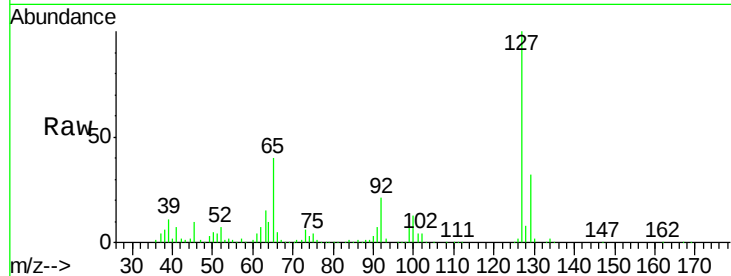




#33
4-Chloroaniline
Concen: 15.03 ng
RT: 8.24 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

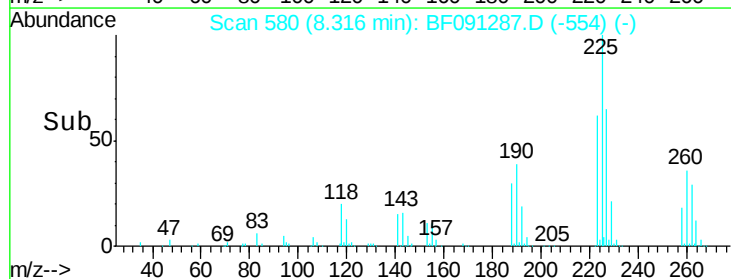
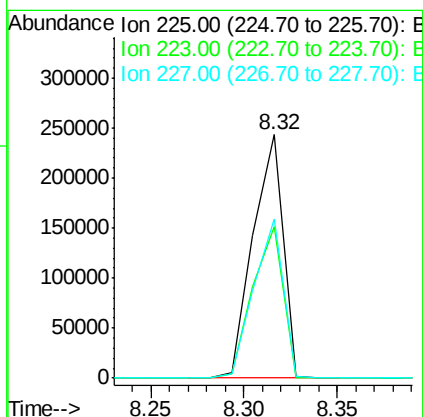
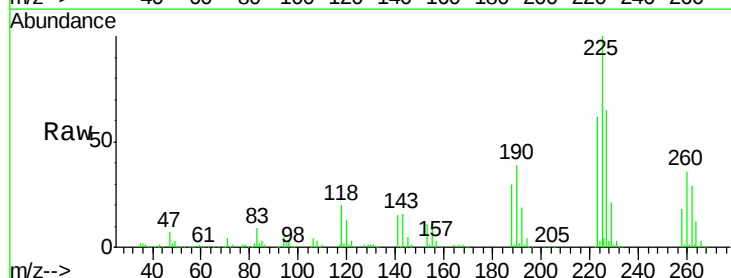
Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

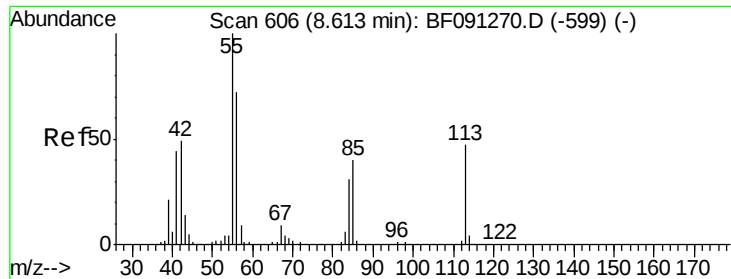
Tgt Ion:	127	Resp:	272227
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.4
65	39.9	26.6	39.8#
92	21.3	15.4	23.0



#34
Hexachlorobutadiene
Concen: 33.51 ng
RT: 8.32 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion:	225	Resp:	270096
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	65.3	52.6	79.0

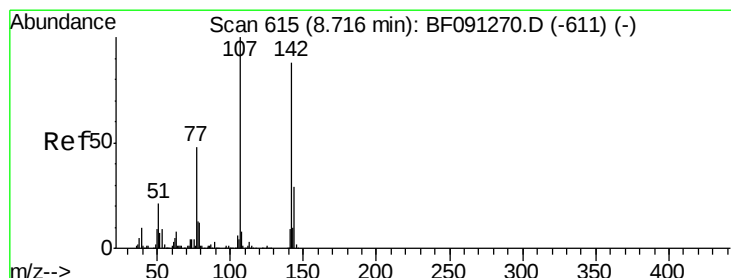
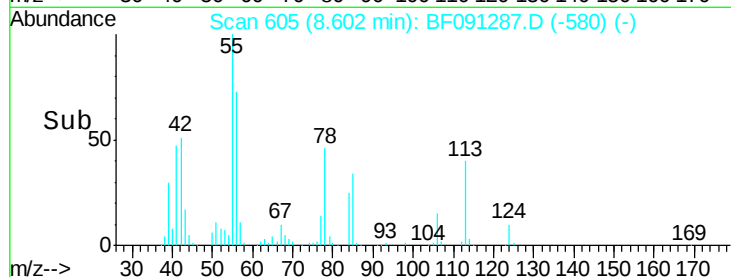
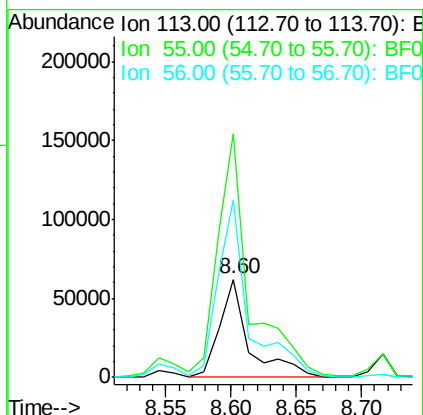
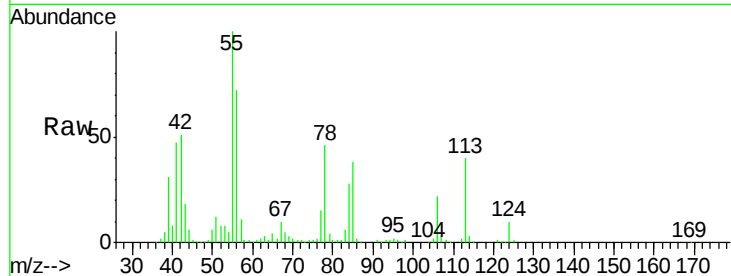




#35
 Caprolactam
 Concen: 26.71 ng
 RT: 8.60 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

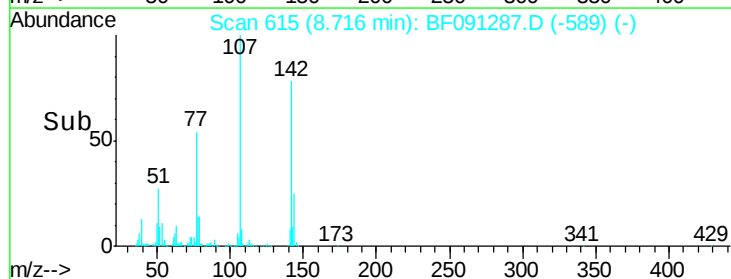
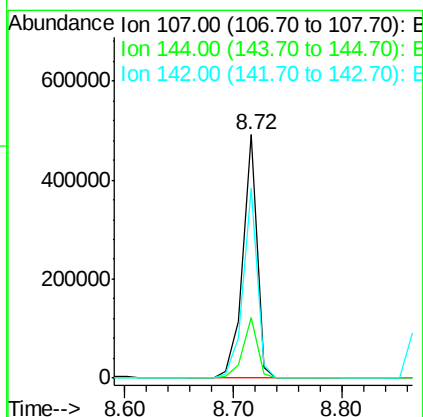
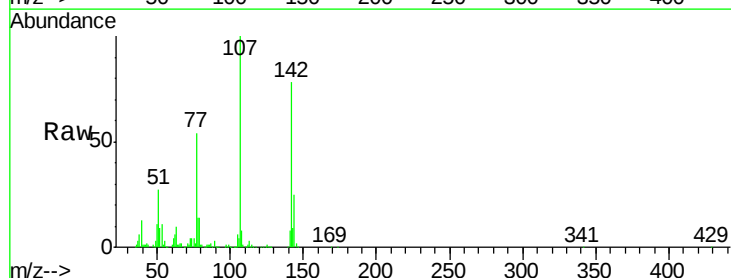
Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MSD

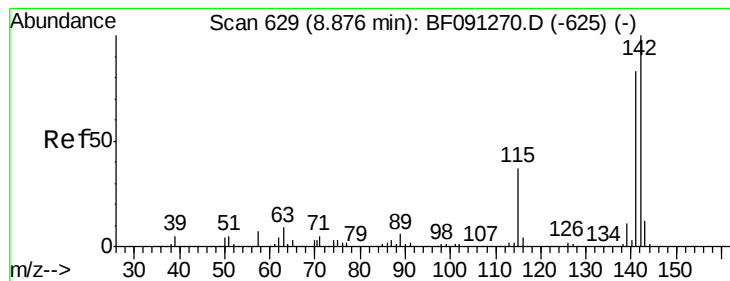
Tgt Ion:113 Resp: 97446
 Ion Ratio Lower Upper
 113 100
 55 248.8 239.8 279.8
 56 180.3 165.6 205.6



#36
 4-Chloro-3-methylphenol
 Concen: 34.92 ng
 RT: 8.72 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Tgt Ion:107 Resp: 444197
 Ion Ratio Lower Upper
 107 100
 144 25.1 18.9 28.3
 142 78.1 58.5 87.7





#37

2-Methylnaphthalene

Concen: 31.95 ng

RT: 8.88 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

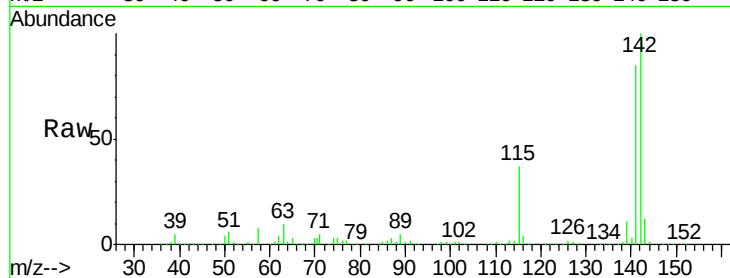
Tgt Ion:142 Resp: 913296

Ion Ratio Lower Upper

142 100

141 84.9 71.7 107.5

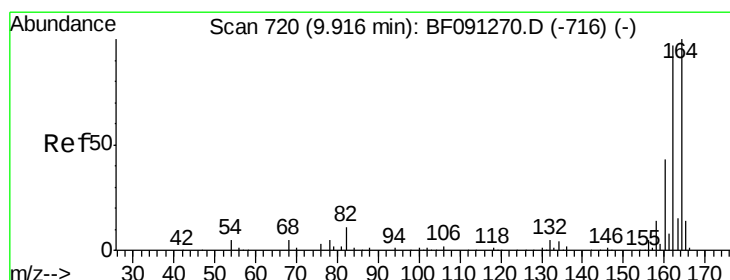
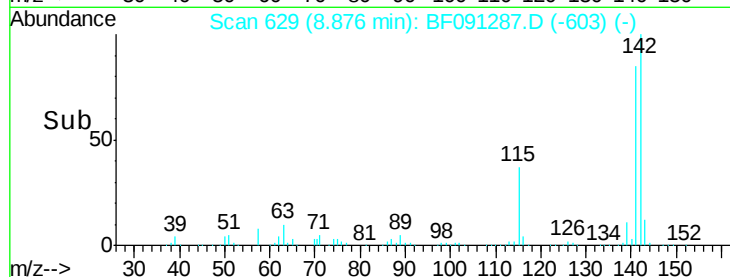
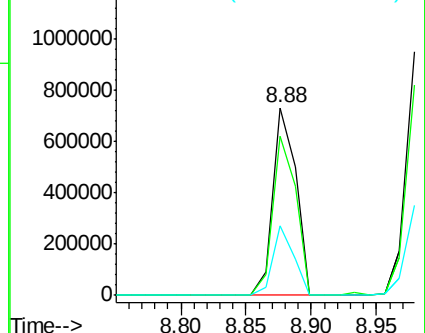
115 36.7 25.0 37.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

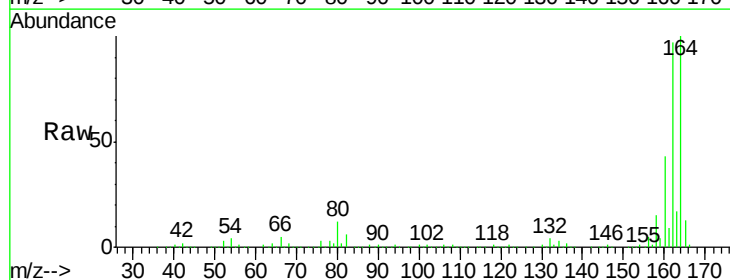
Tgt Ion:164 Resp: 461529

Ion Ratio Lower Upper

164 100

162 97.4 82.6 124.0

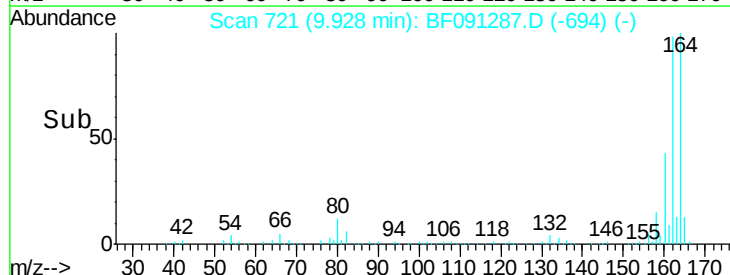
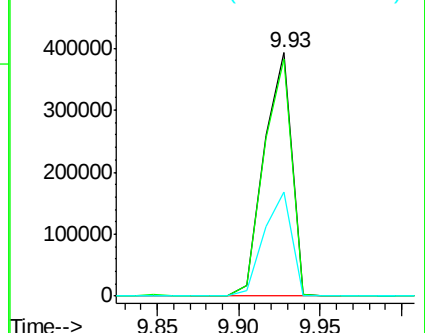
160 42.8 36.7 55.1

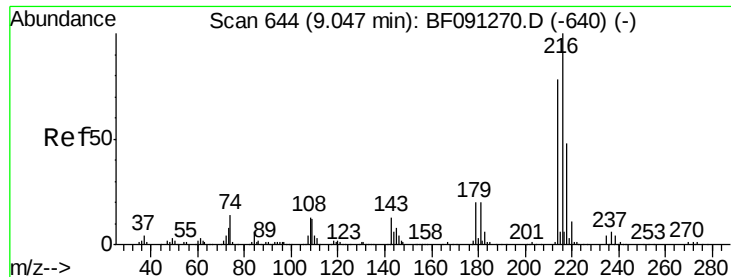


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.13 ng

RT: 9.05 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

Tgt Ion:216 Resp: 439441

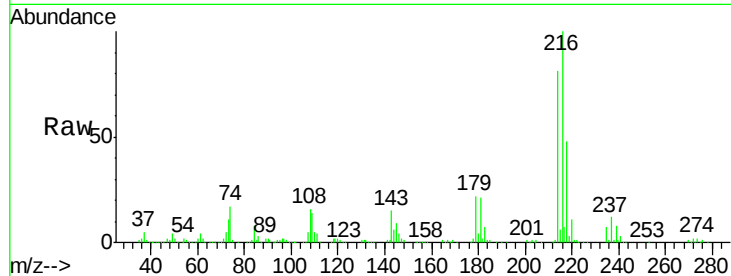
Ion Ratio Lower Upper

216 100

214 81.2 63.8 95.8

179 21.9 18.2 27.2

108 18.9 17.2 25.8

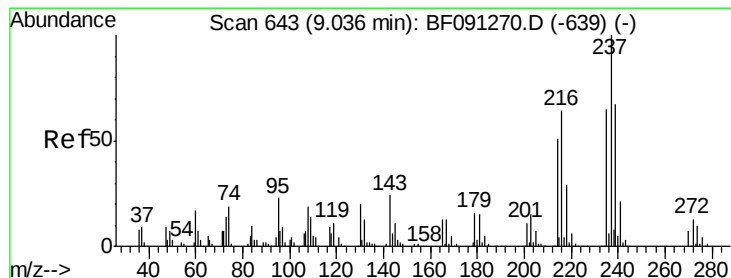
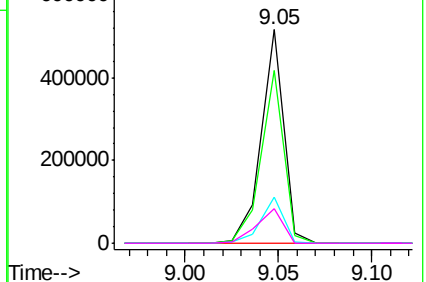
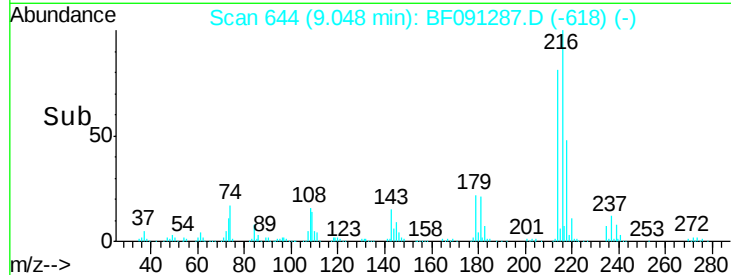


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.19 ng

RT: 9.04 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

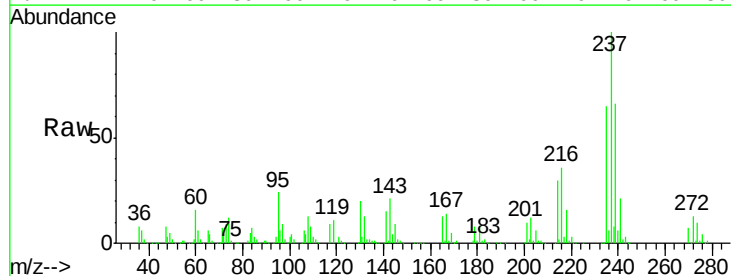
Tgt Ion:237 Resp: 252987

Ion Ratio Lower Upper

237 100

235 64.7 43.9 83.9

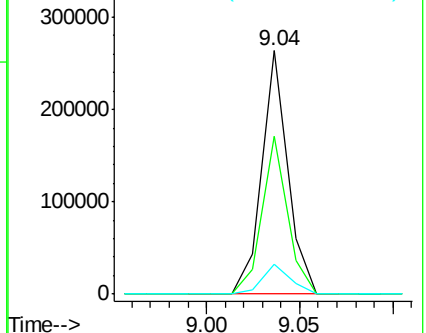
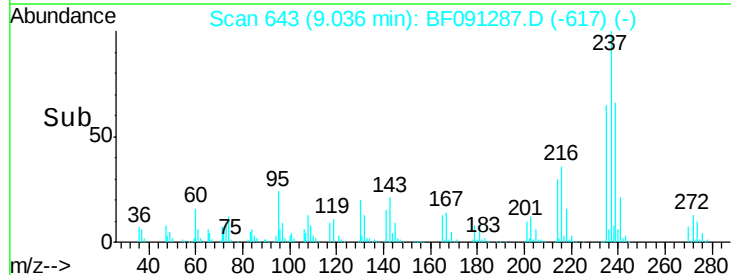
272 12.5 0.0 33.1

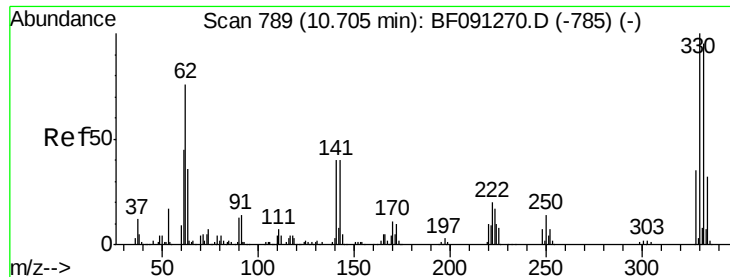


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

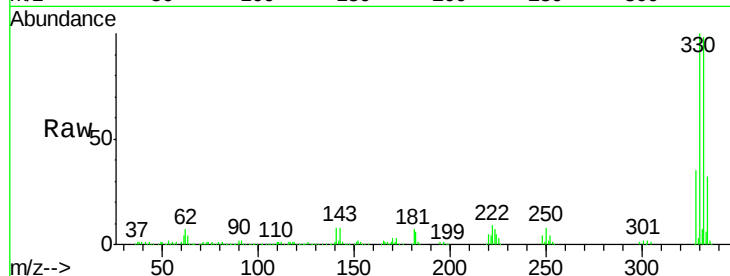




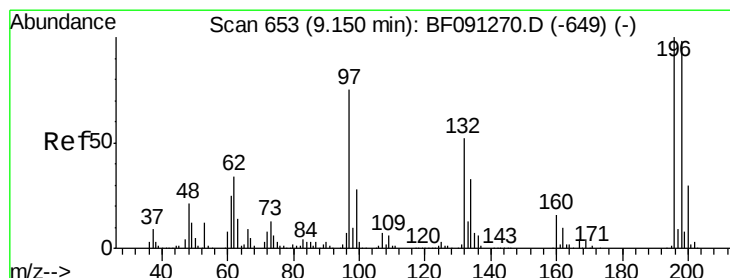
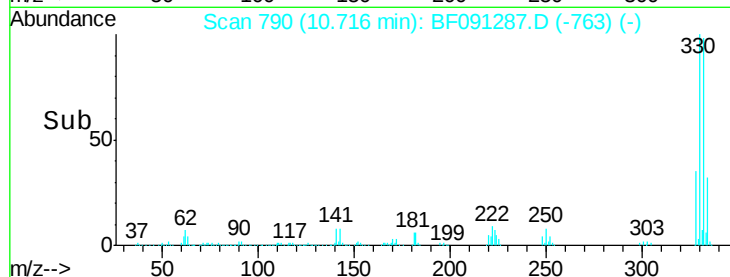
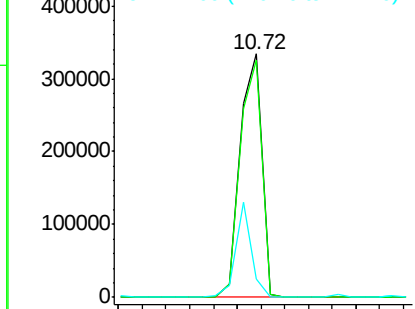
#41
 2,4,6-Tribromophenol
 Concen: 92.29 ng
 RT: 10.72 min Scan# 790
 Delta R.T. 0.01 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

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

Tgt Ion:330 Resp: 429548
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.2 114.4
 141 28.5 33.6 50.4#

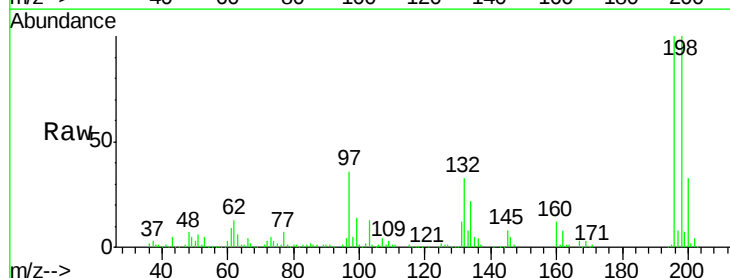


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

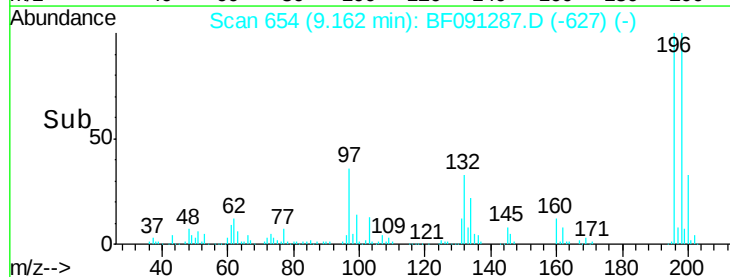
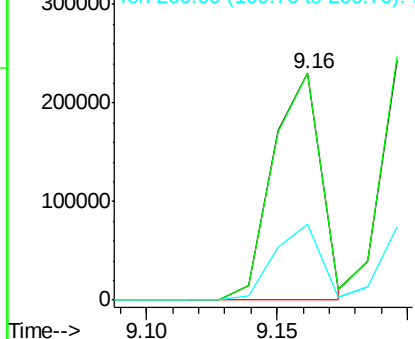


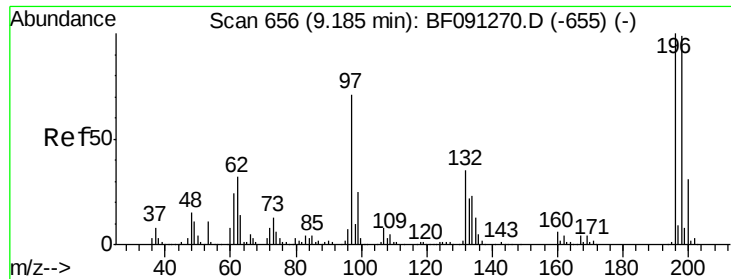
#42
 2,4,6-Trichlorophenol
 Concen: 33.95 ng
 RT: 9.16 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Tgt Ion:196 Resp: 292867
 Ion Ratio Lower Upper
 196 100
 198 100.1 77.4 116.0
 200 33.4 25.2 37.8



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

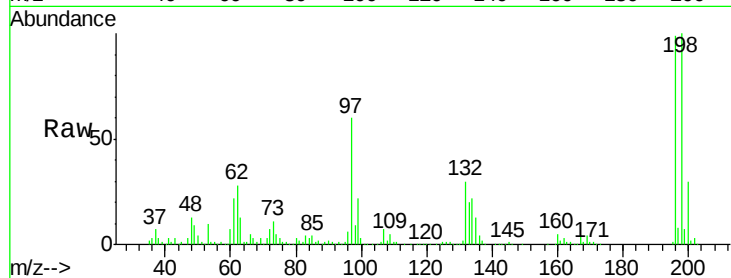




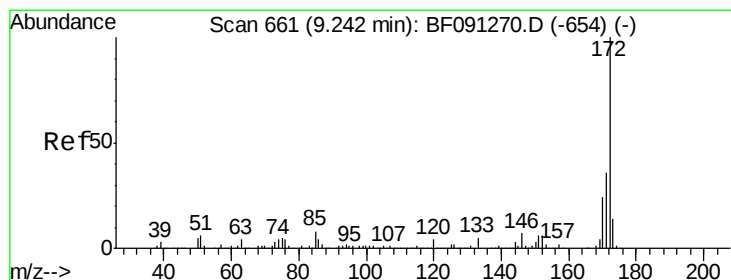
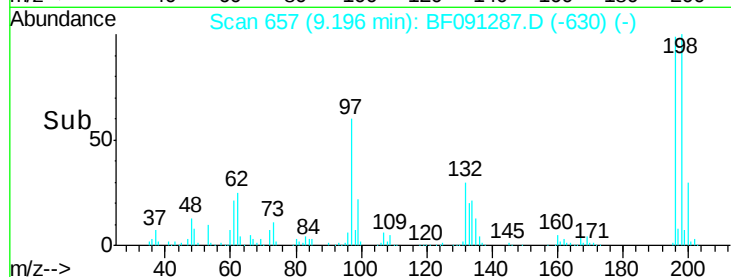
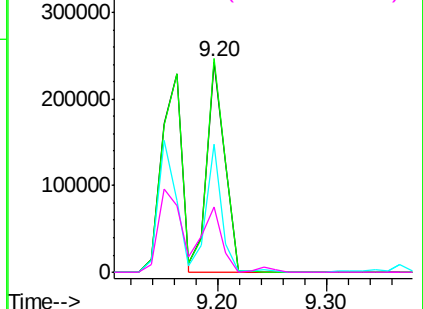
#43
 2,4,5-Trichlorophenol
 Concen: 34.18 ng
 RT: 9.20 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

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

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.4	77.0	115.6
97	61.0	33.5	50.3#
132	30.9	20.5	30.7#

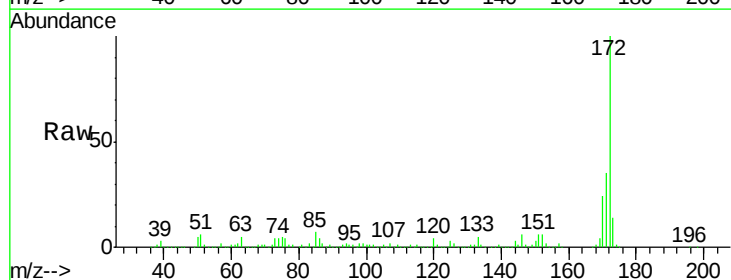


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

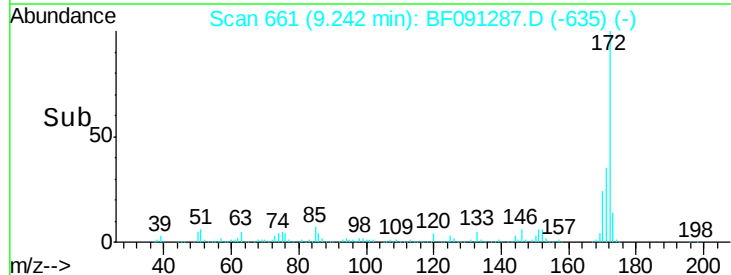
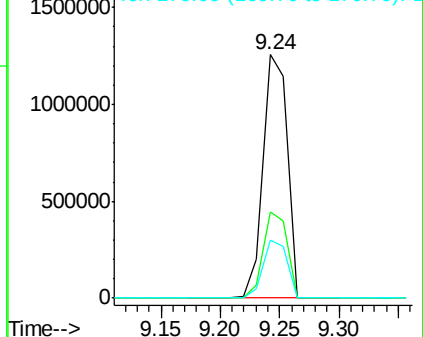


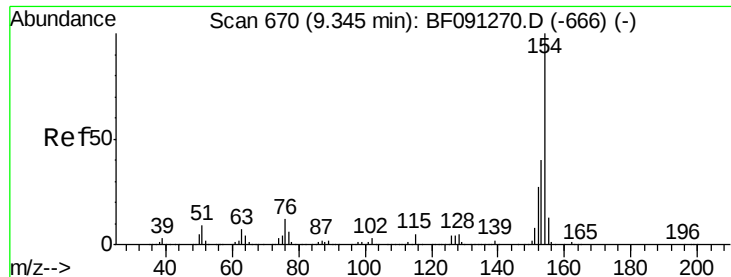
#44
 2-Fluorobiphenyl
 Concen: 63.69 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	23.9	19.7	29.5



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

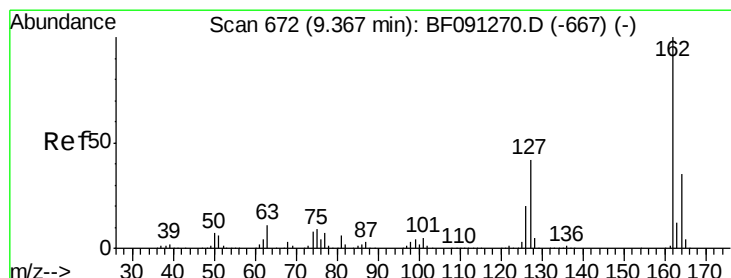
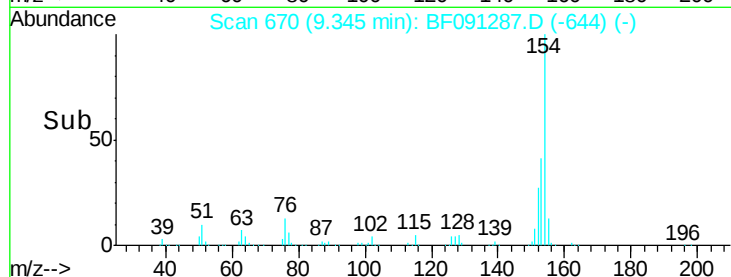
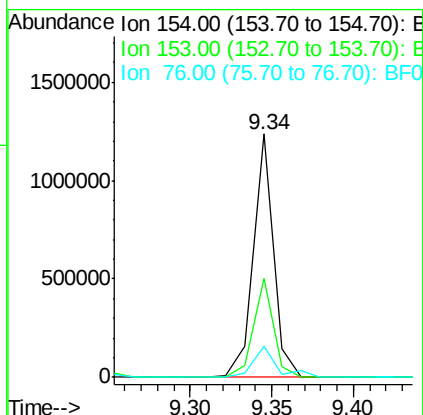
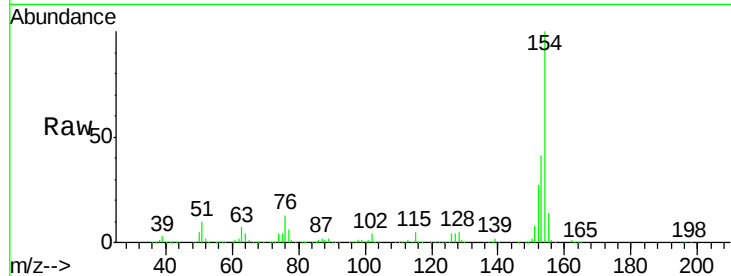




#45
 1,1'-Biphenyl
 Concen: 31.97 ng
 RT: 9.34 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

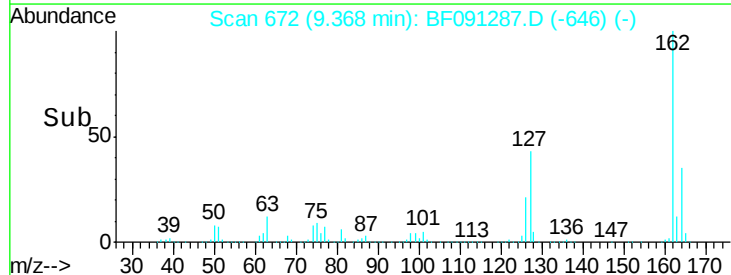
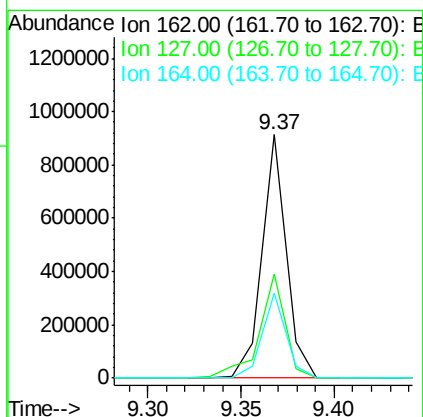
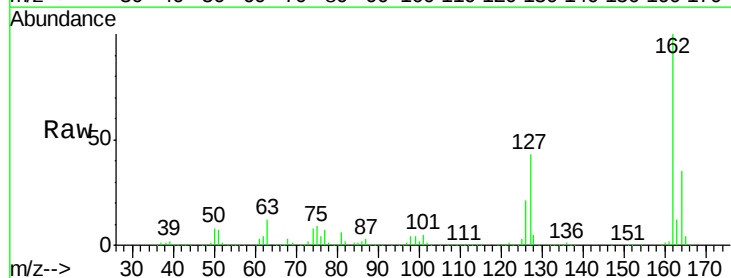
Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MSD

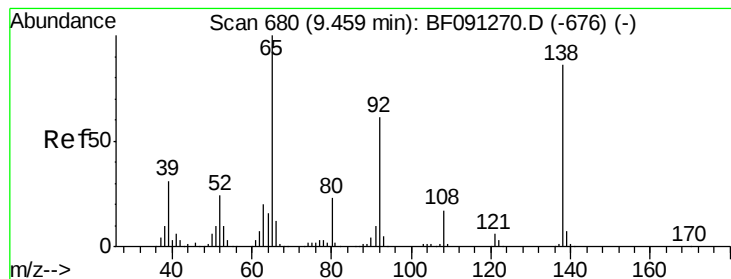
Tgt Ion:154 Resp: 1063732
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.6 60.6
 76 12.6 0.0 36.6



#46
 2-Chloronaphthalene
 Concen: 33.57 ng
 RT: 9.37 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Tgt Ion:162 Resp: 818206
 Ion Ratio Lower Upper
 162 100
 127 42.9 34.3 51.5
 164 34.6 26.6 40.0





#47

2-Nitroaniline

Concen: 35.97 ng

RT: 9.46 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

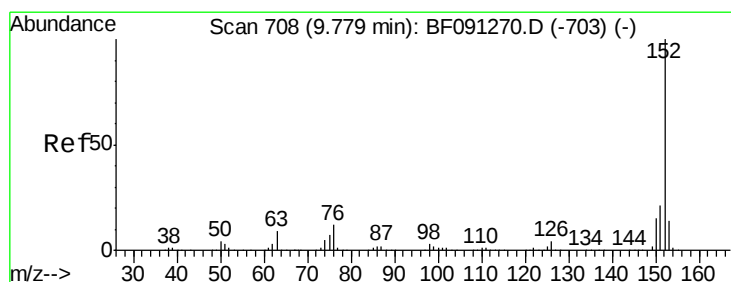
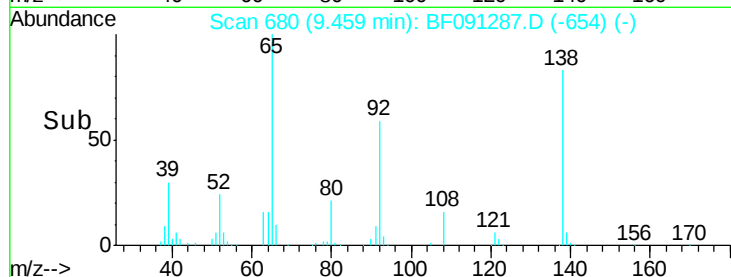
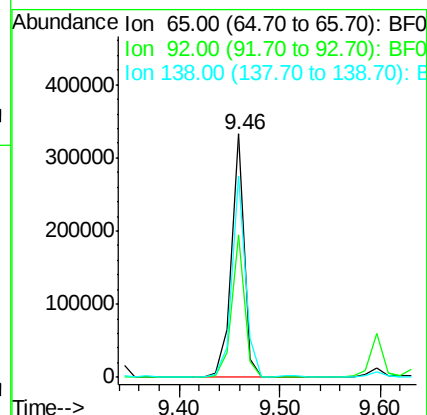
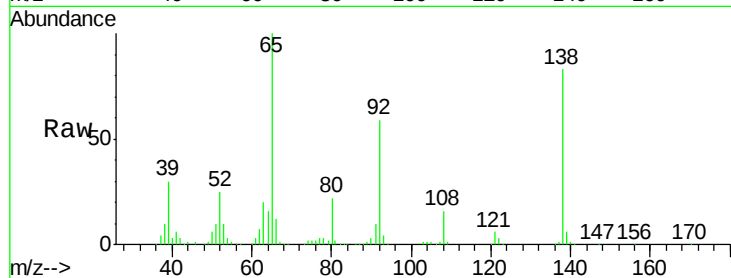
Tgt Ion: 65 Resp: 297507

Ion Ratio Lower Upper

65 100

92 58.7 53.6 80.4

138 82.6 91.0 136.6#



#48

Acenaphthylene

Concen: 32.49 ng

RT: 9.78 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

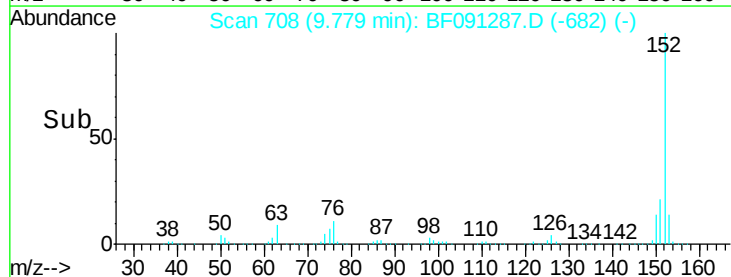
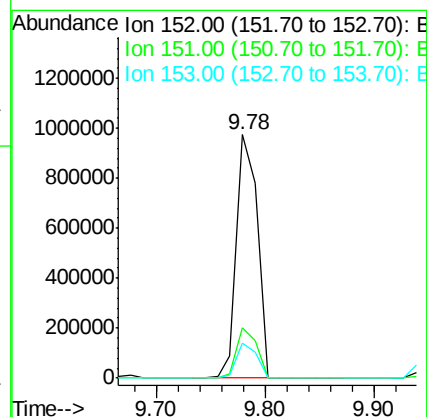
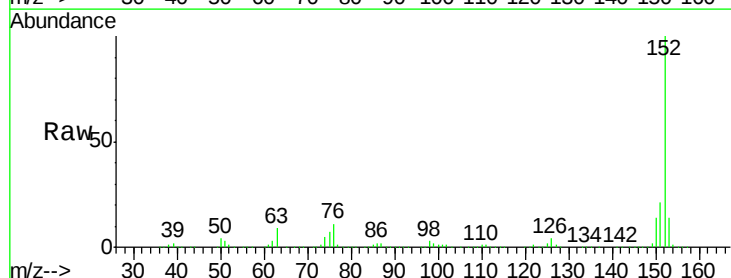
Tgt Ion: 152 Resp: 1269211

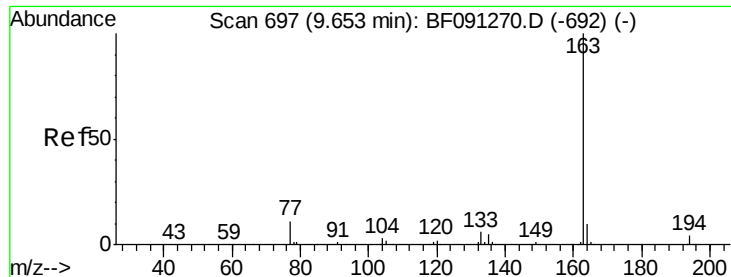
Ion Ratio Lower Upper

152 100

151 20.5 16.6 24.8

153 14.3 10.7 16.1

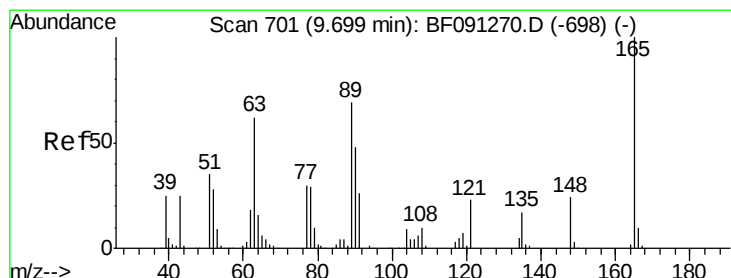
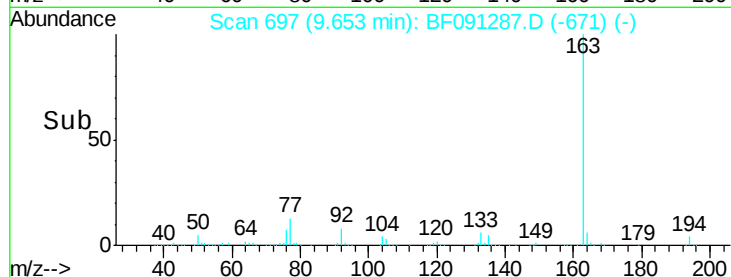
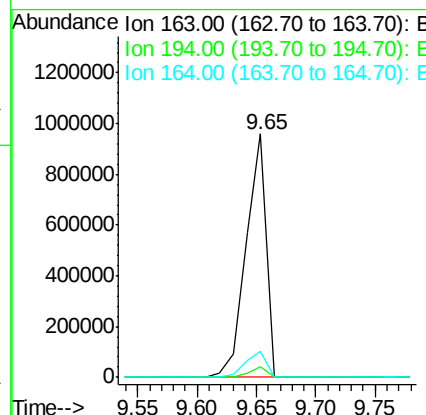
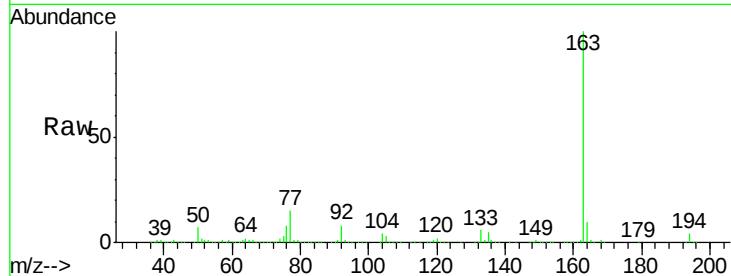




#49
Dimethylphthalate
Concen: 39.09 ng
RT: 9.65 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

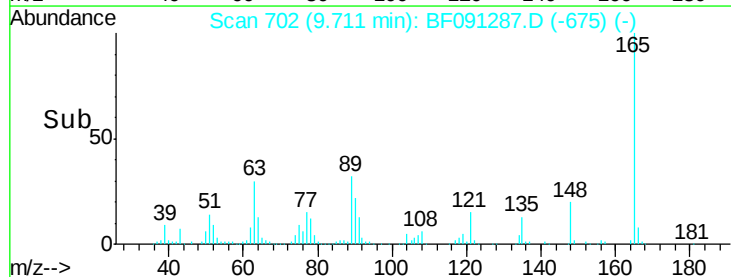
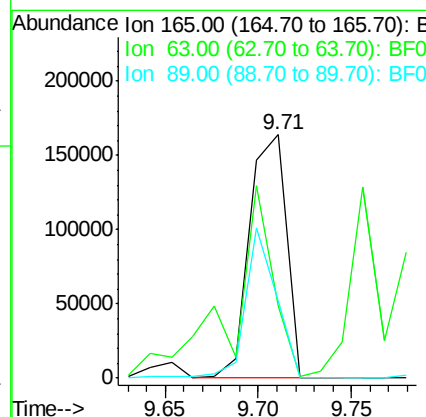
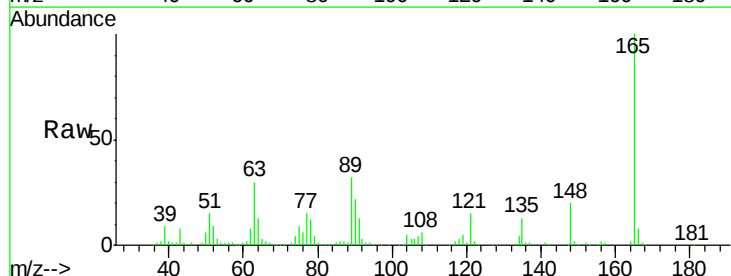
Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

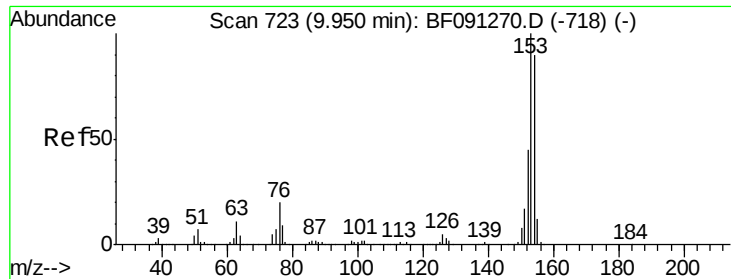
Tgt Ion:163 Resp: 1126400
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 10.5 7.8 11.8



#50
2,6-Dinitrotoluene
Concen: 35.55 ng
RT: 9.71 min Scan# 702
Delta R.T. 0.01 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion:165 Resp: 223775
Ion Ratio Lower Upper
165 100
63 29.6 59.4 89.0#
89 31.6 50.8 76.2#





#51

Acenaphthene

Concen: 34.94 ng

RT: 9.96 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

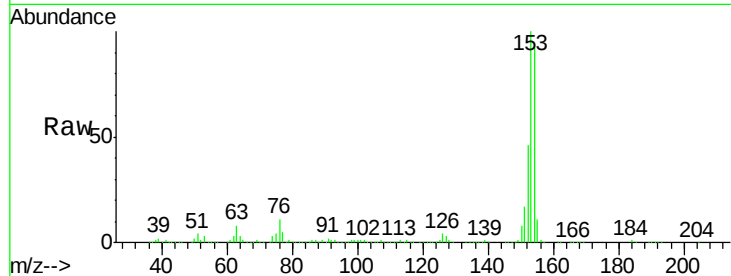
Tgt Ion:154 Resp: 928978

Ion Ratio Lower Upper

154 100

153 109.3 91.0 136.6

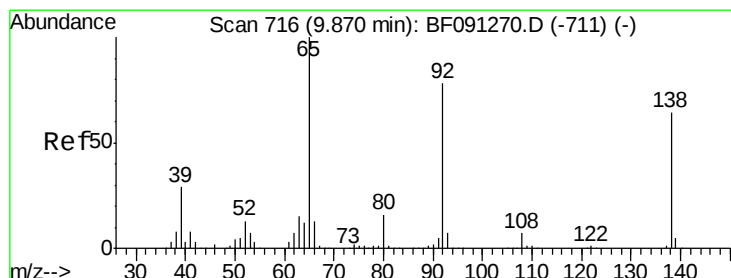
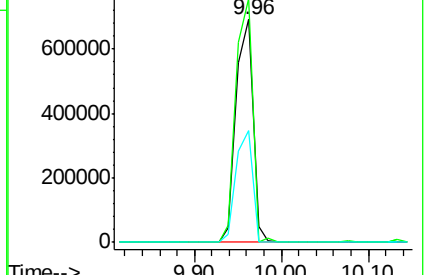
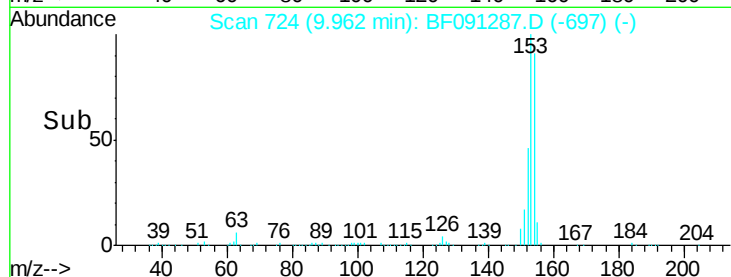
152 50.4 44.2 66.2



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: 21.41 ng

RT: 9.87 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

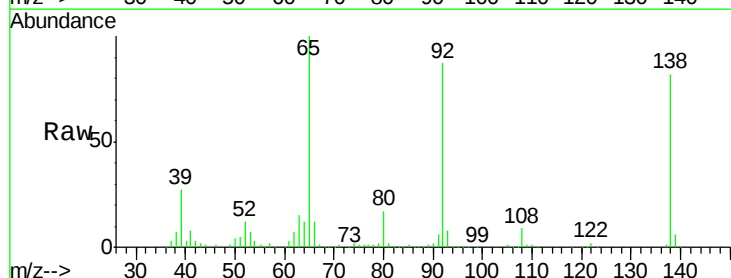
Tgt Ion:138 Resp: 144888

Ion Ratio Lower Upper

138 100

108 10.3 8.1 12.1

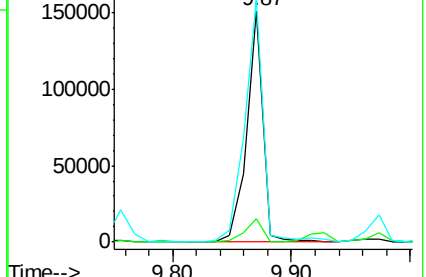
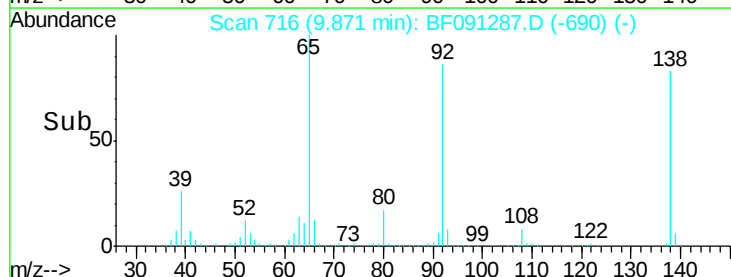
92 105.2 92.5 138.7

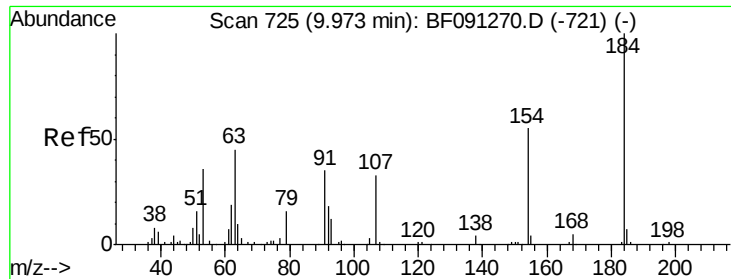


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

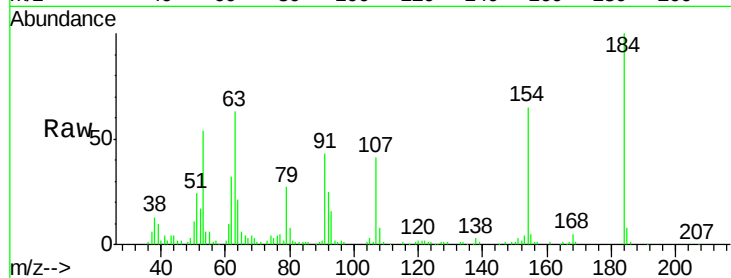




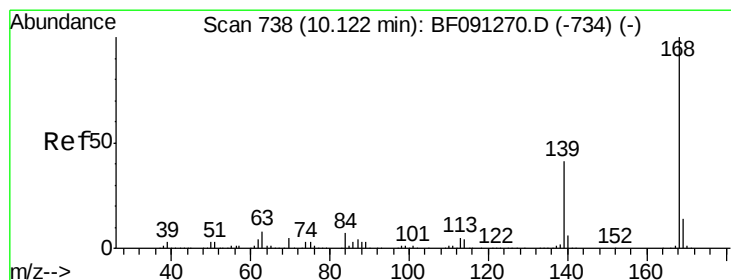
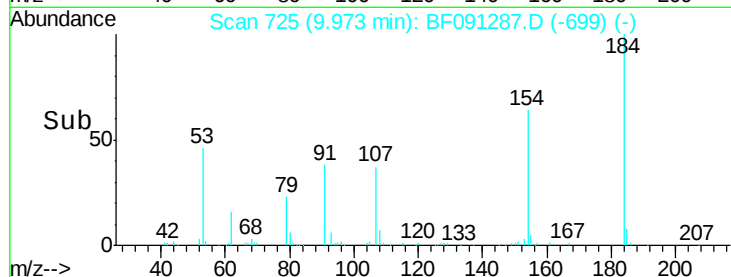
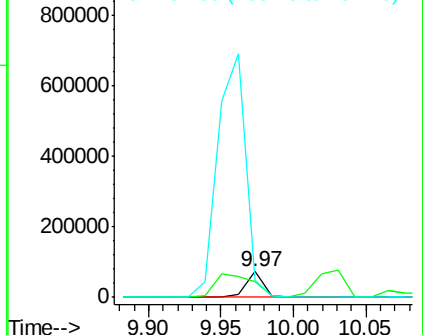
#53
2,4-Dinitrophenol
Concen: 29.61 ng
RT: 9.97 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

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

Tgt Ion:184 Resp: 60763
Ion Ratio Lower Upper
184 100
63 62.8 58.3 87.5
154 64.9 48.6 73.0

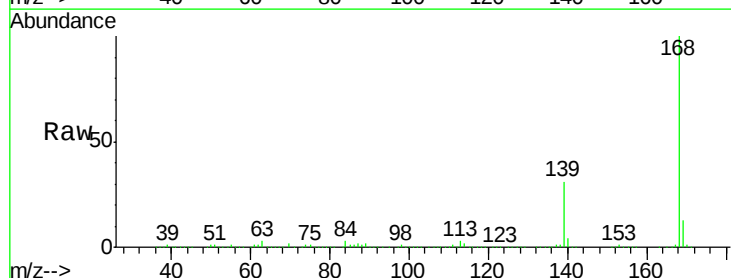


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

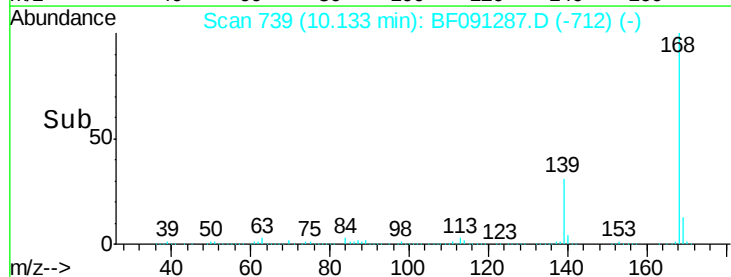
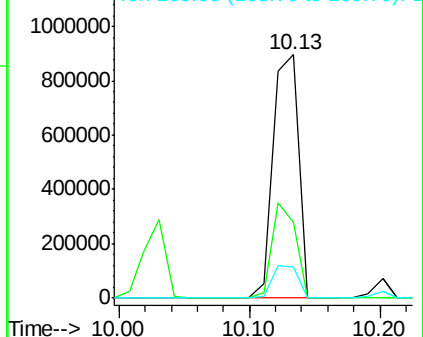


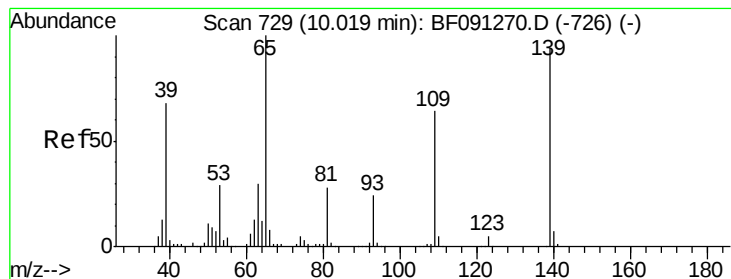
#54
Dibenzofuran
Concen: 32.80 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion:168 Resp: 1226478
Ion Ratio Lower Upper
168 100
139 31.1 33.4 50.2#
169 12.9 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: 70.37 ng

RT: 10.03 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

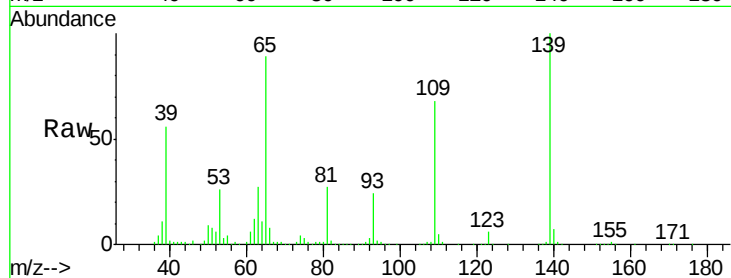
Tgt Ion:139 Resp: 343464

Ion Ratio Lower Upper

139 100

109 67.7 54.9 94.9

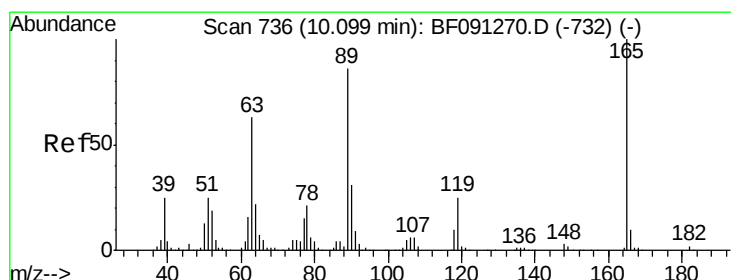
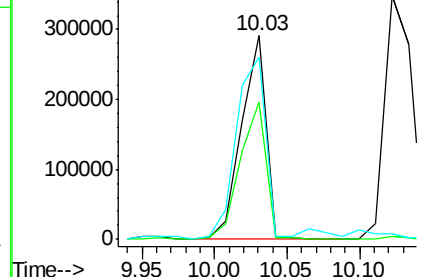
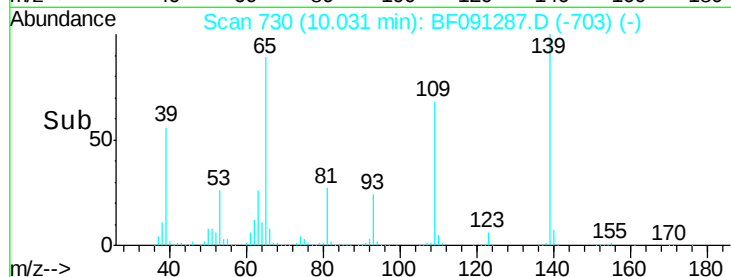
65 89.3 102.2 142.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.59 ng

RT: 10.11 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Tgt Ion:165 Resp: 299441

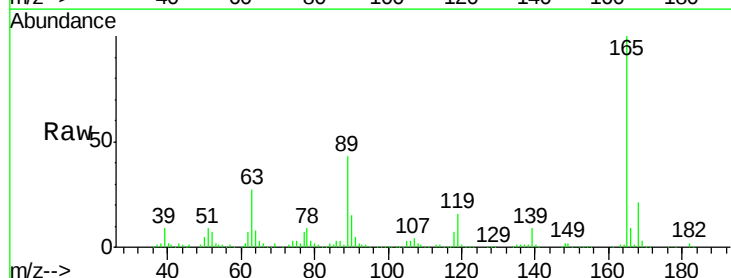
Ion Ratio Lower Upper

165 100

63 26.6 29.0 43.4#

89 43.4 43.1 64.7

182 2.5 1.9 2.9

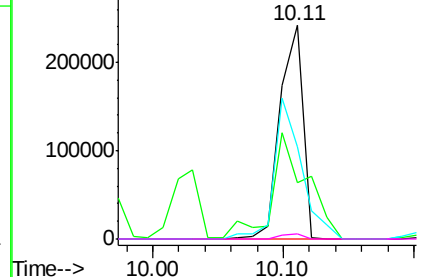
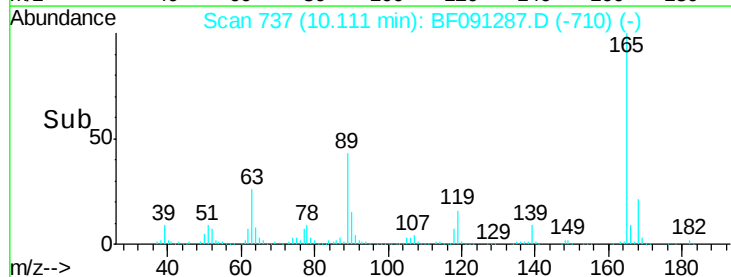


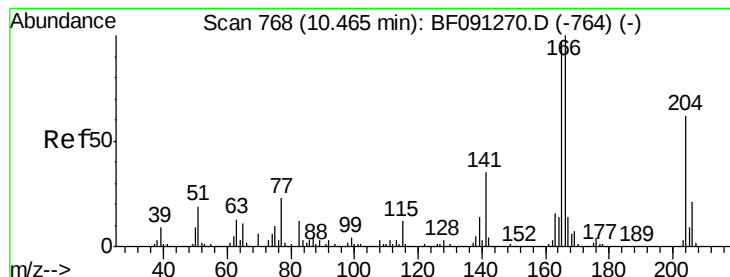
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 33.04 ng

RT: 10.46 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

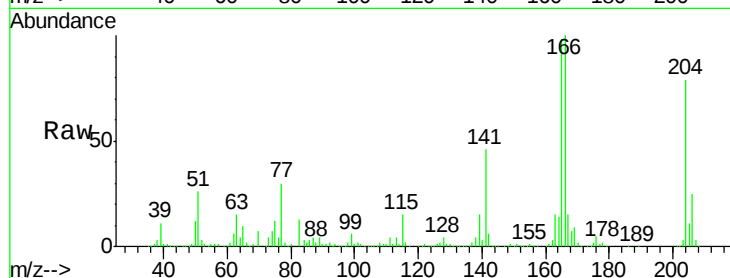
Tgt Ion:166 Resp: 945434

Ion Ratio Lower Upper

166 100

165 97.7 80.0 120.0

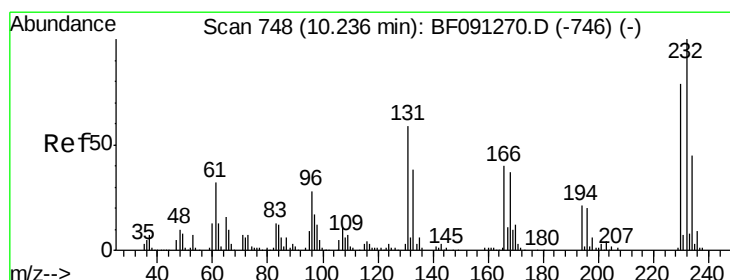
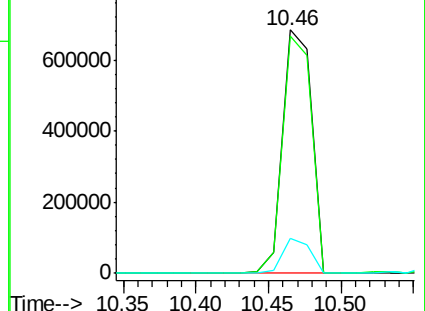
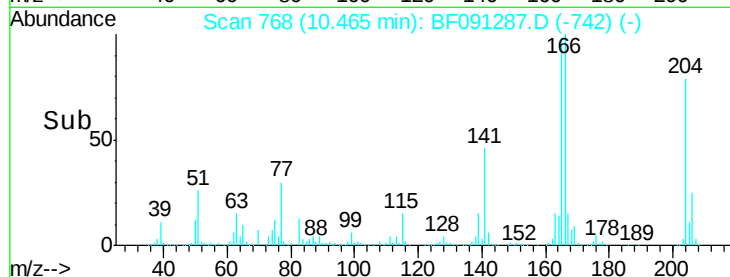
167 14.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.19 ng

RT: 10.25 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Tgt Ion:232 Resp: 241836

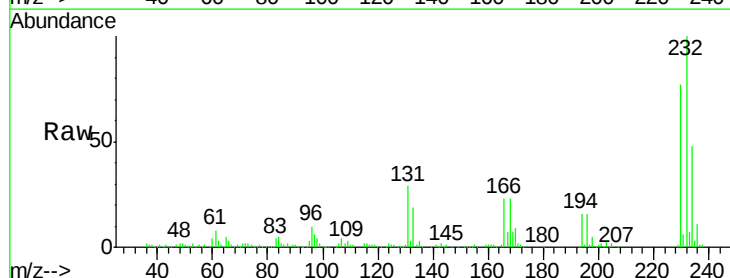
Ion Ratio Lower Upper

232 100

131 45.2 38.4 57.6

130 2.1 1.8 2.8

166 29.6 23.9 35.9

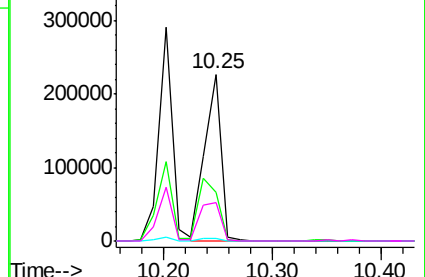
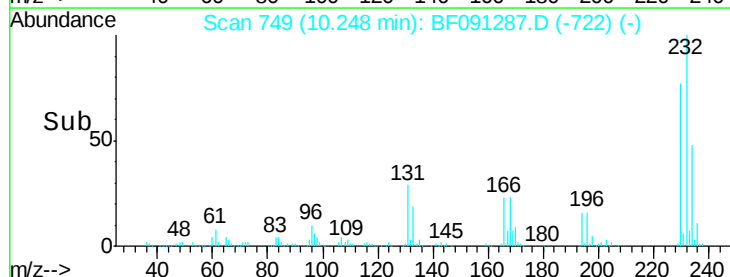


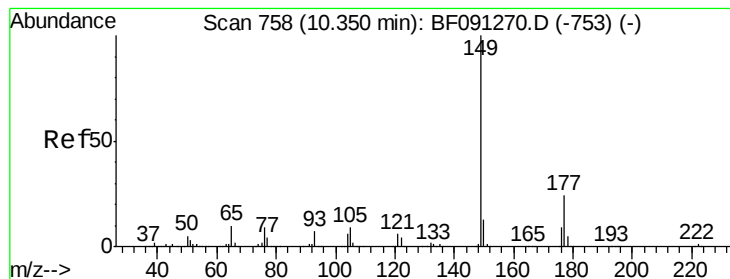
Abundance Ion 232.00 (231.70 to 232.70): E

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: 34.49 ng

RT: 10.35 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

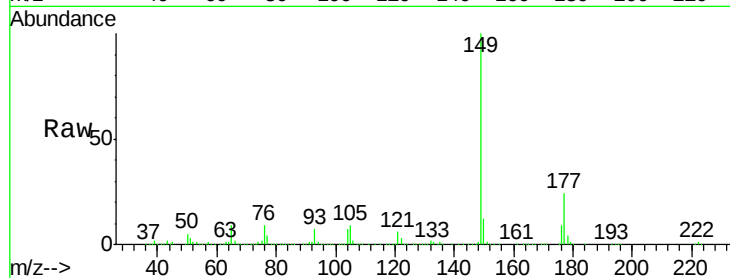
Tgt Ion:149 Resp: 1000122

Ion Ratio Lower Upper

149 100

177 23.8 15.7 23.5#

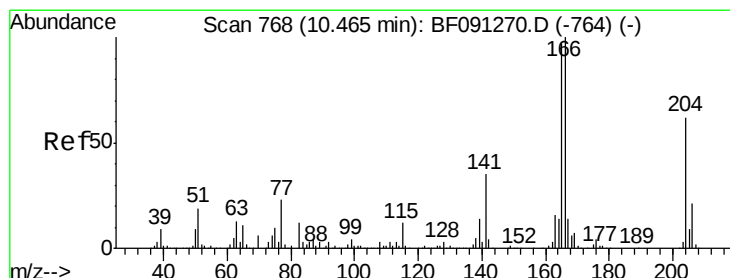
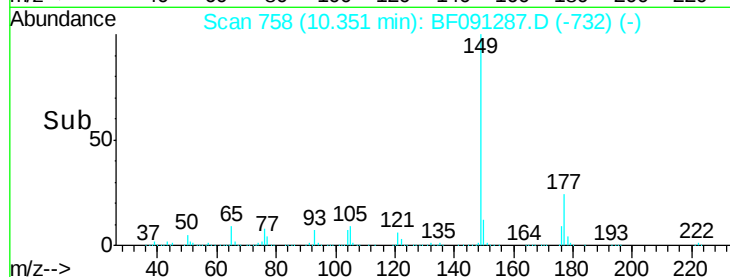
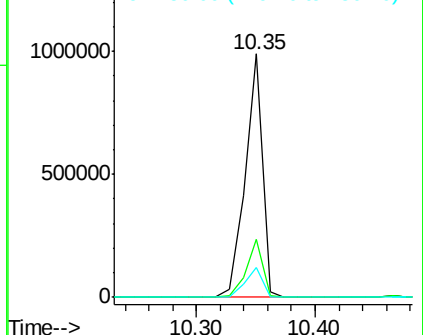
150 12.3 10.2 15.2



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: 33.44 ng

RT: 10.46 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

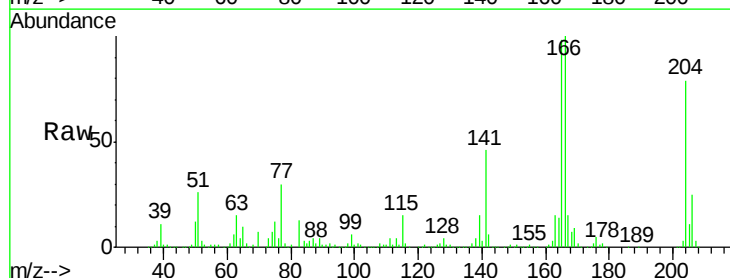
Tgt Ion:204 Resp: 440822

Ion Ratio Lower Upper

204 100

206 32.2 26.1 39.1

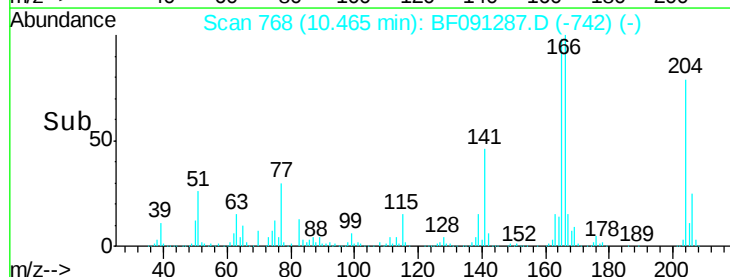
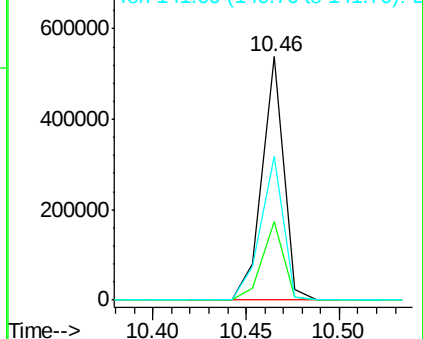
141 58.8 40.6 61.0

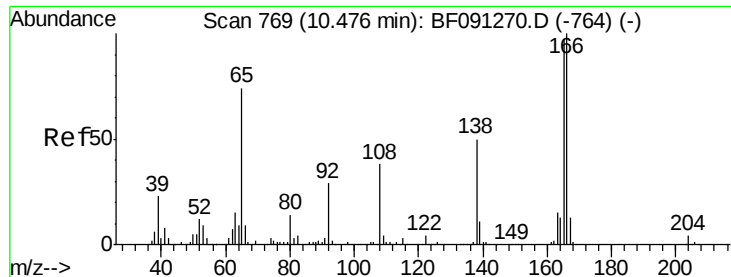


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

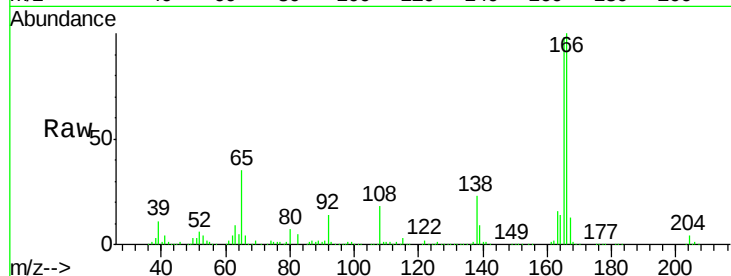




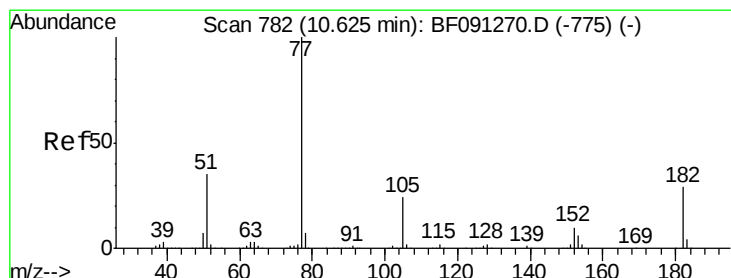
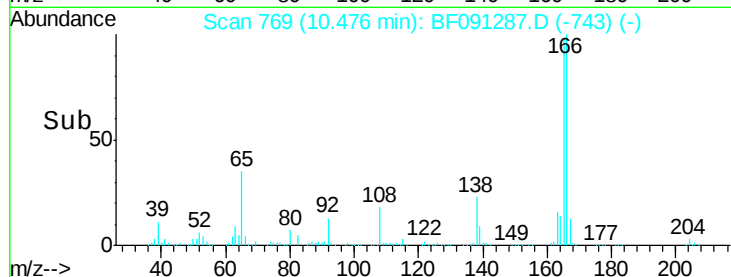
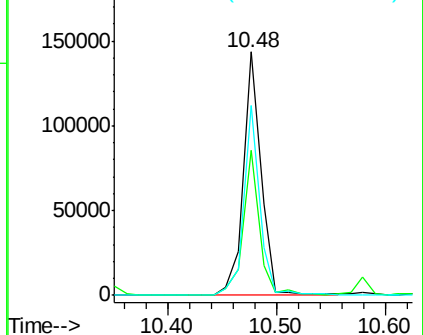
#61
4-Nitroaniline
Concen: 25.65 ng
RT: 10.48 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

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

Tgt Ion:138 Resp: 161985
Ion Ratio Lower Upper
138 100
92 59.4 26.9 66.9
108 78.0 49.1 89.1

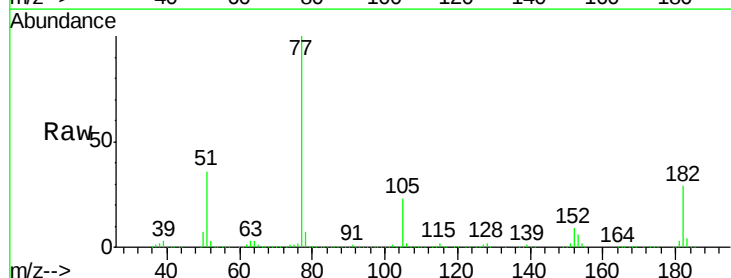


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

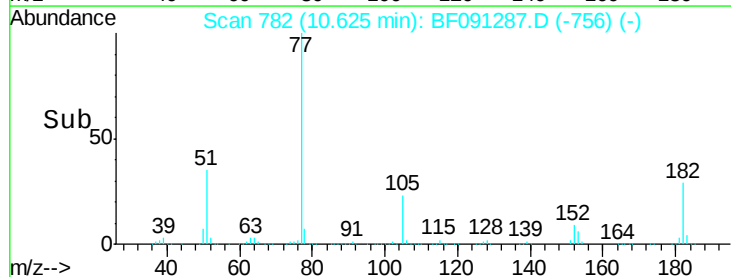
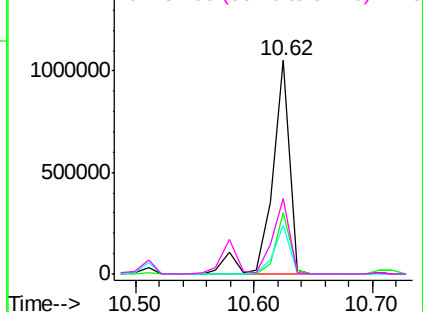


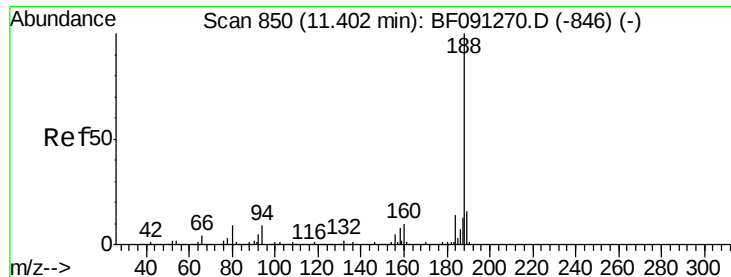
#62
Azobenzene
Concen: 36.71 ng
RT: 10.62 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion: 77 Resp: 1079718
Ion Ratio Lower Upper
77 100
182 29.0 12.5 52.5
105 22.9 3.7 43.7
51 35.6 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: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

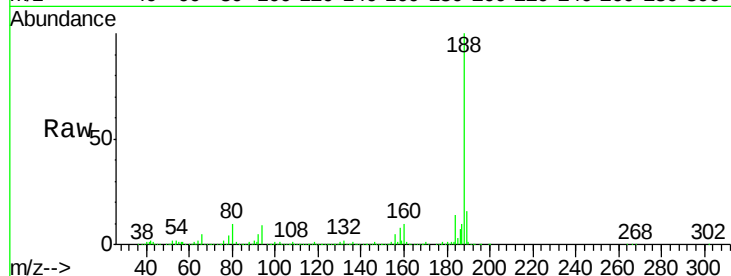
Tgt Ion:188 Resp: 681317

Ion Ratio Lower Upper

188 100

94 9.4 9.2 13.8

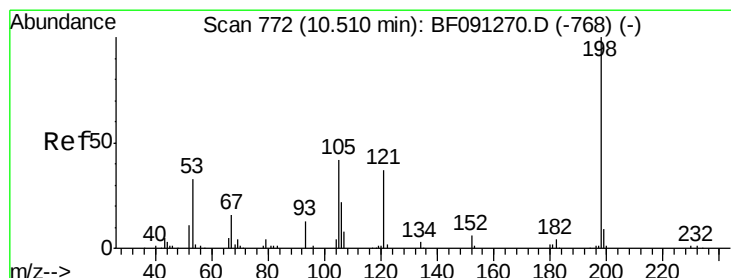
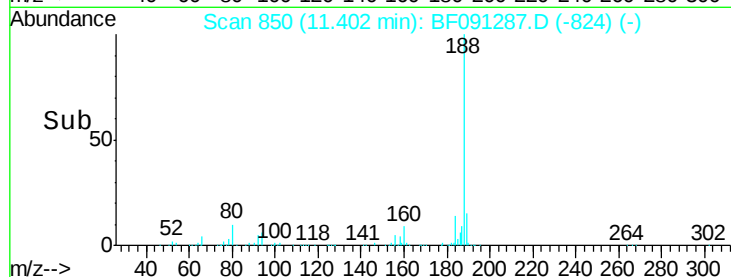
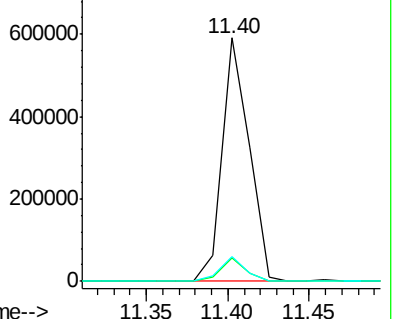
80 10.4 10.5 15.7#



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: 29.86 ng

RT: 10.51 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

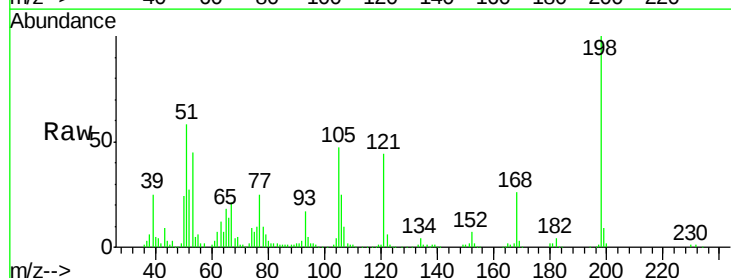
Tgt Ion:198 Resp: 92272

Ion Ratio Lower Upper

198 100

51 57.8 77.1 117.1#

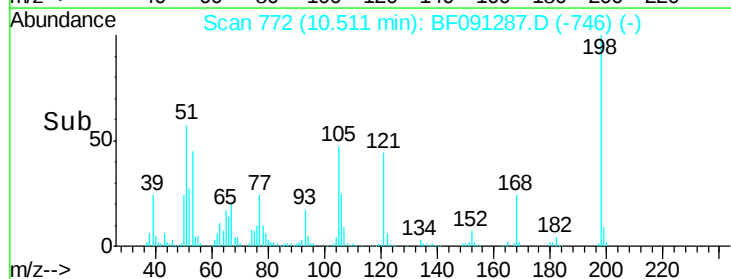
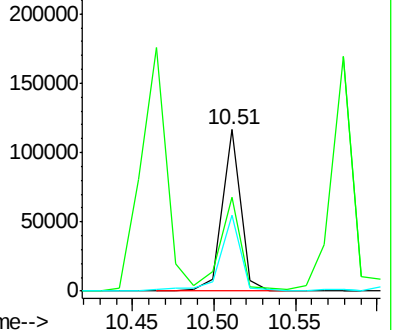
105 46.9 44.8 84.8

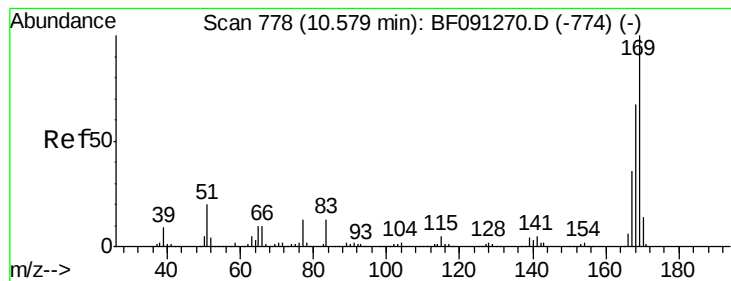


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

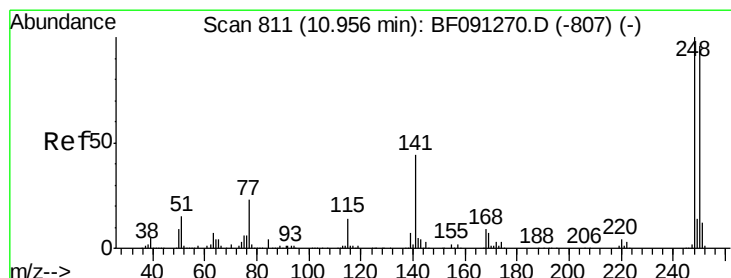
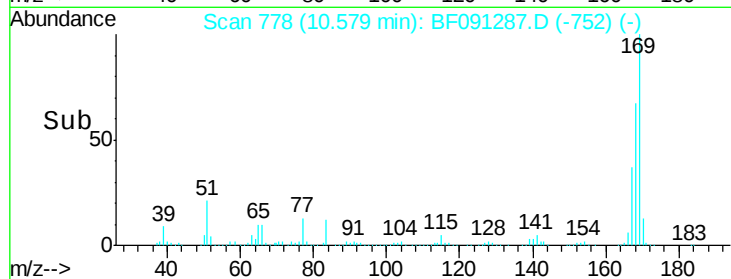
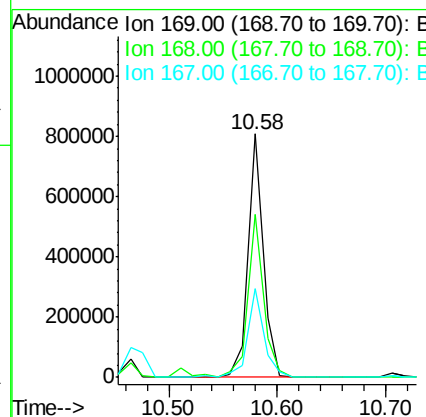
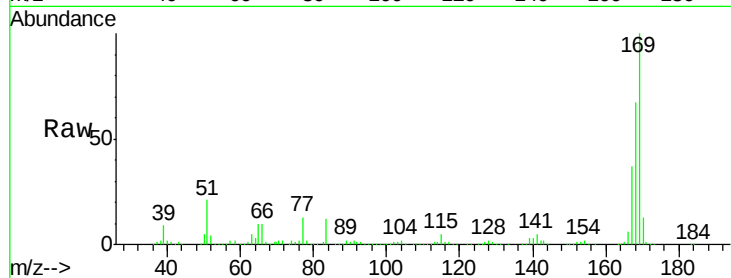




#65
 n-Nitrosodiphenylamine
 Concen: 37.36 ng
 RT: 10.58 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

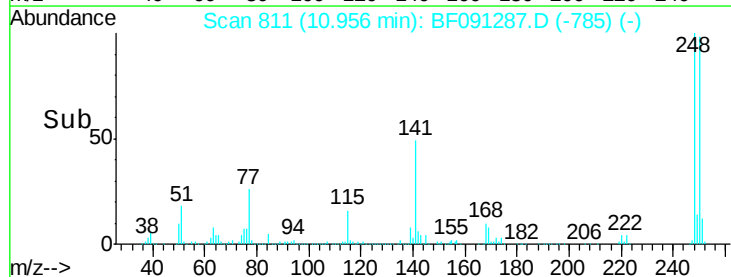
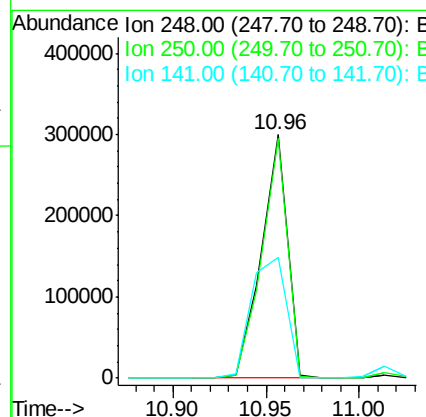
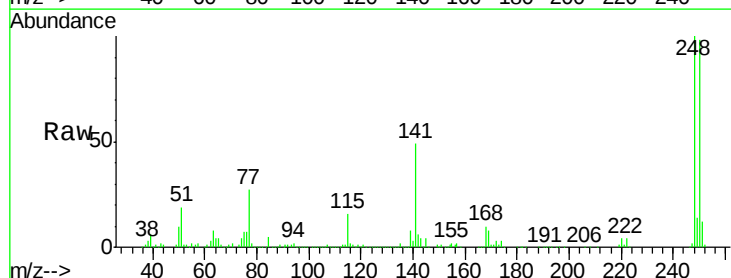
Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MSD

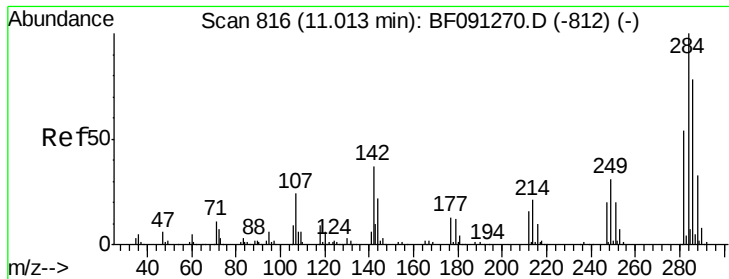
Tgt Ion:169 Resp: 772872
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.8 80.8
 167 36.7 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 38.72 ng
 RT: 10.96 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Tgt Ion:248 Resp: 288346
 Ion Ratio Lower Upper
 248 100
 250 98.3 78.2 117.4
 141 49.5 71.9 107.9#

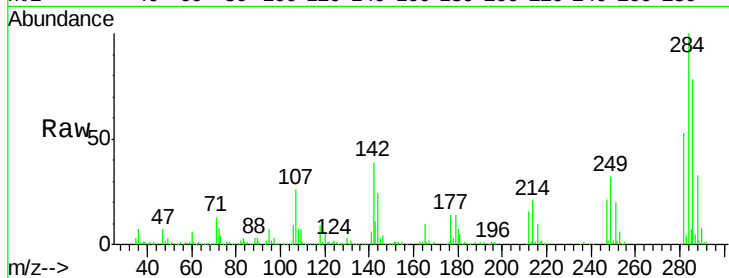




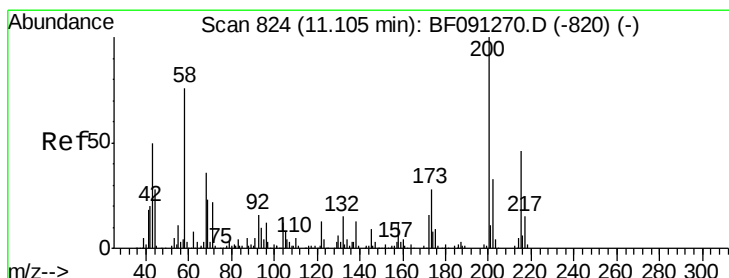
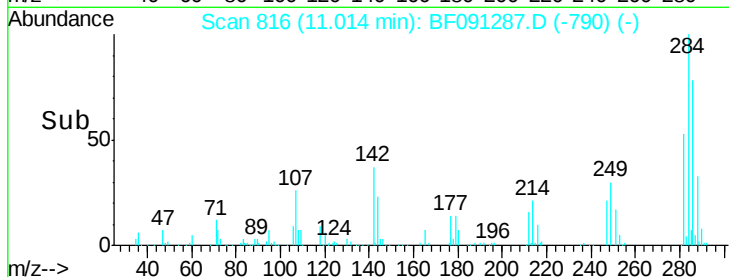
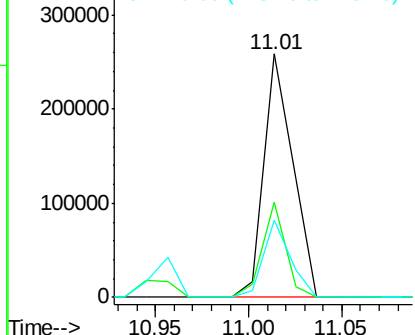
#67
Hexachlorobenzene
Concen: 33.69 ng
RT: 11.01 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

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

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.0	17.9	26.9
249	31.5	23.6	35.4

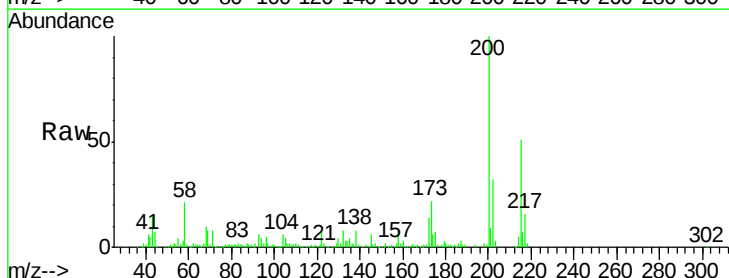


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

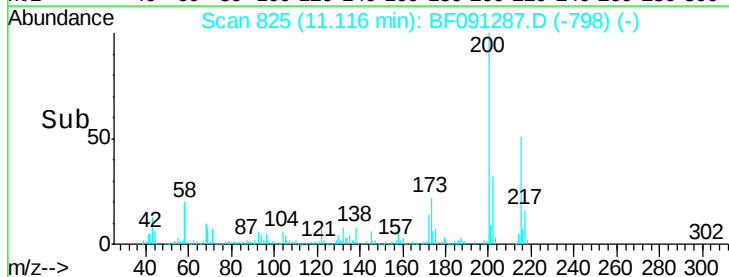
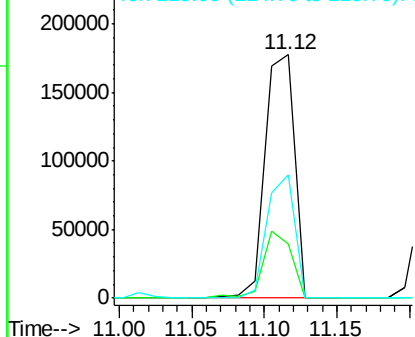


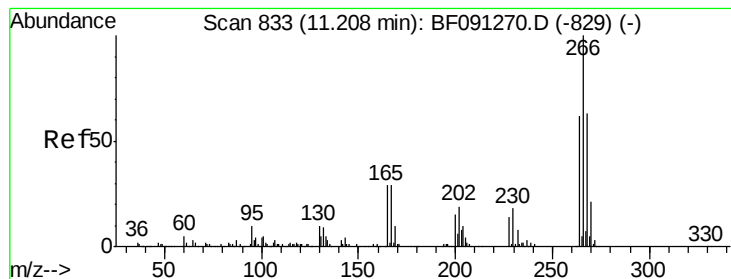
#68
Atrazine
Concen: Below Cal
RT: 11.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.5	7.8	47.8
215	50.7	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: 60.65 ng

RT: 11.21 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

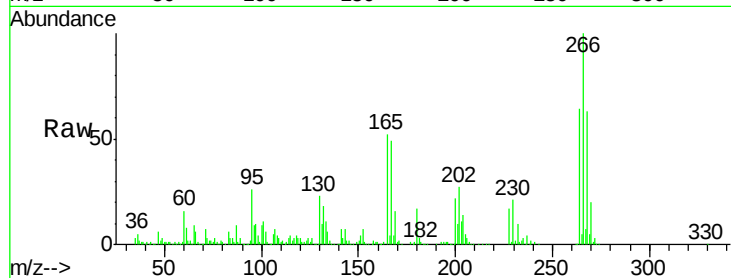
Tgt Ion:266 Resp: 292928

Ion Ratio Lower Upper

266 100

268 62.6 50.3 75.5

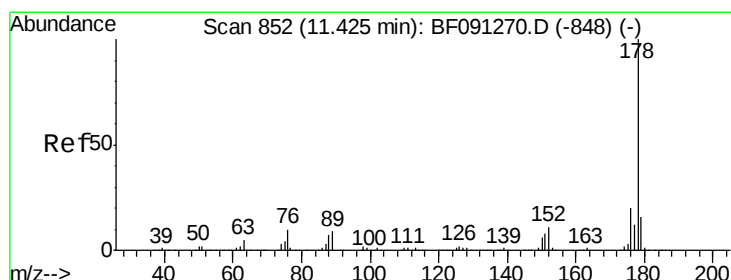
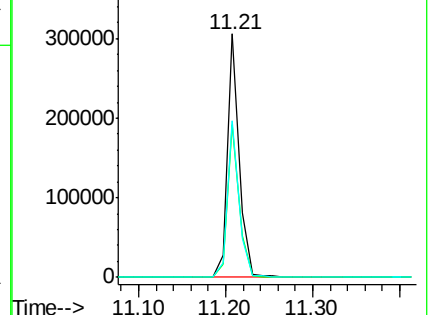
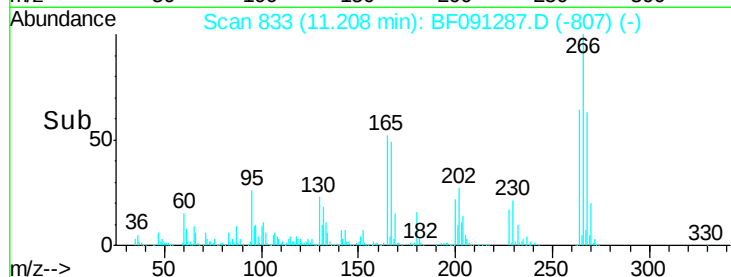
264 64.5 48.2 72.2



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: 84.75 ng

RT: 11.44 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

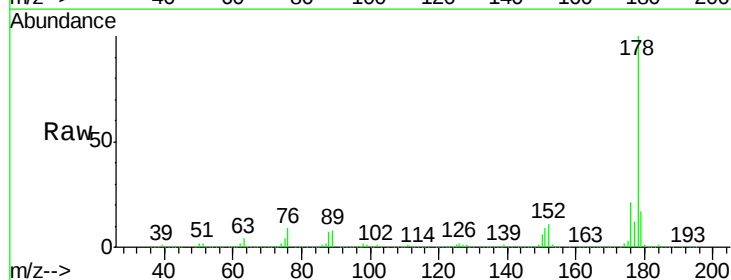
Tgt Ion:178 Resp: 2995622

Ion Ratio Lower Upper

178 100

176 21.0 15.9 23.9

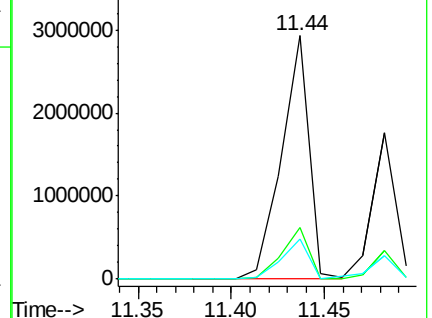
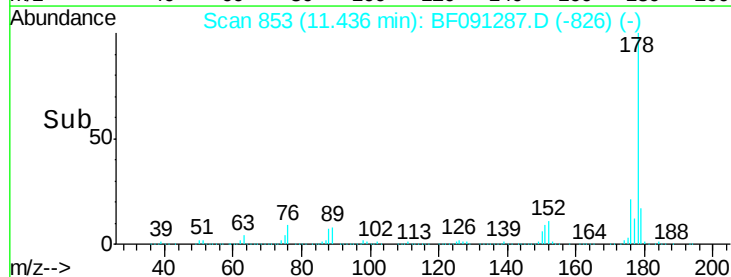
179 16.7 12.6 18.8

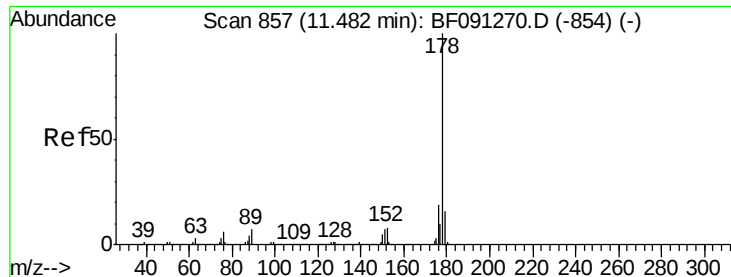


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

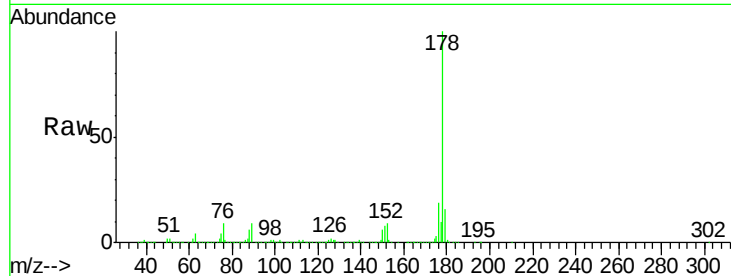




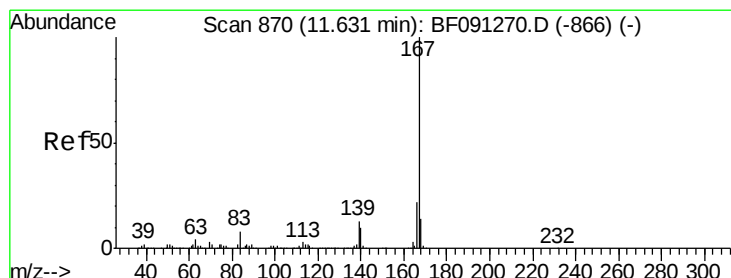
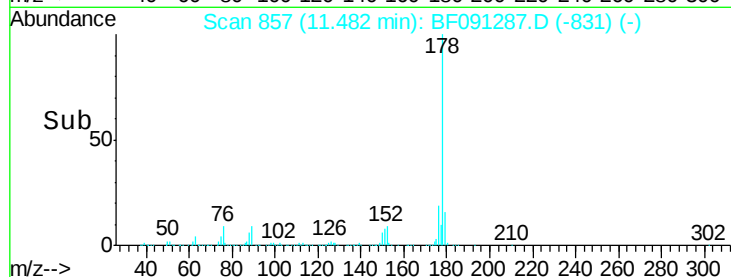
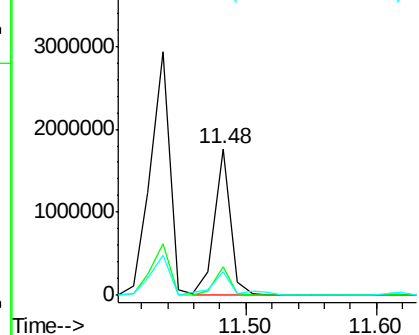
#71
 Anthracene
 Concen: 42.30 ng
 RT: 11.48 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

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

Tgt Ion:178 Resp: 1528816
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 16.2 12.7 19.1

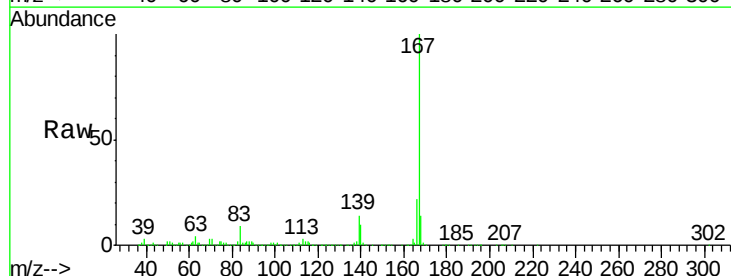


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

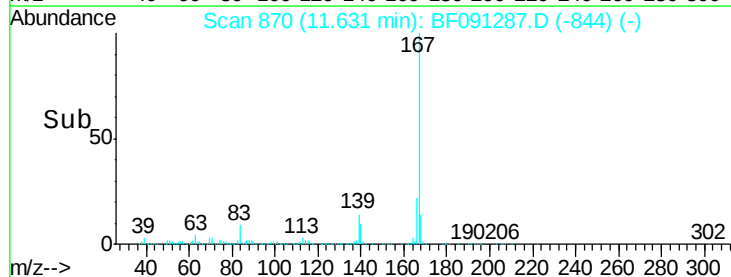
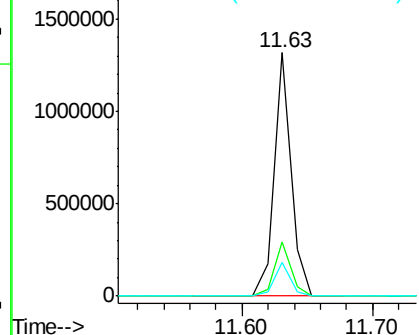


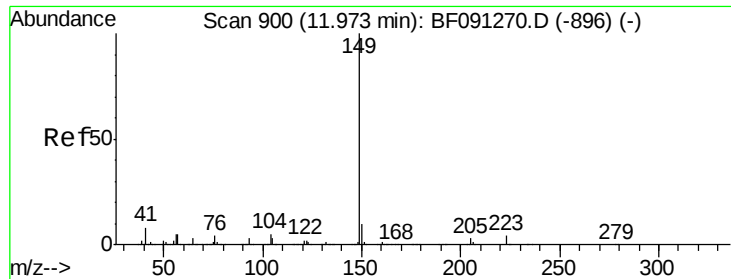
#72
 Carbazole
 Concen: 37.48 ng
 RT: 11.63 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Tgt Ion:167 Resp: 1205391
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.6 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: 35.77 ng

RT: 11.97 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

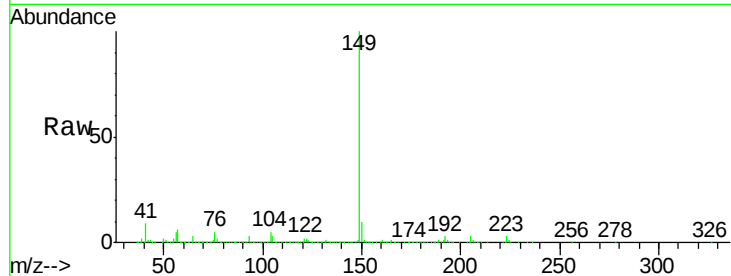
Tgt Ion:149 Resp: 1332195

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

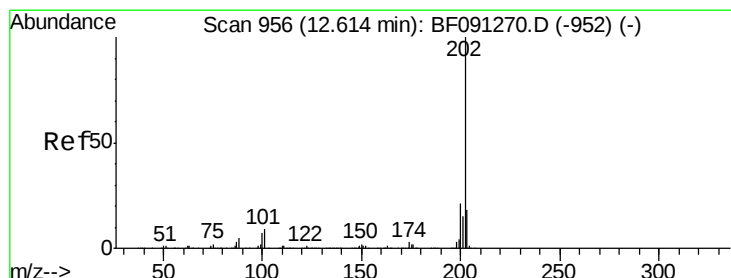
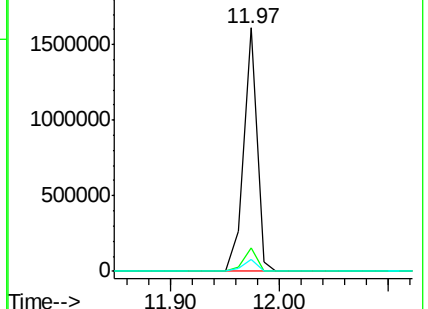
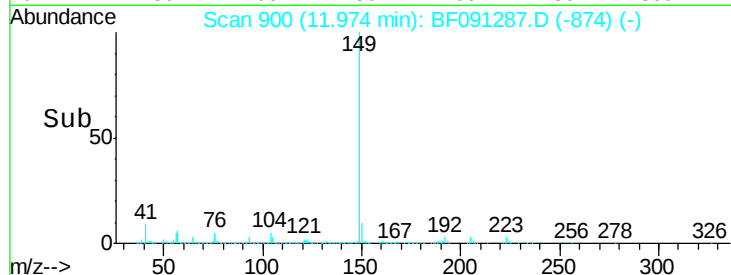
104 5.0 4.0 6.0



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: 99.58 ng

RT: 12.63 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

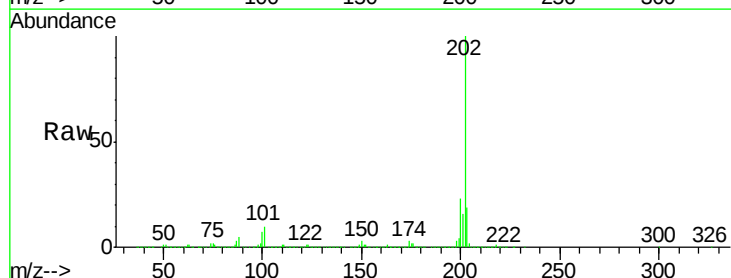
Tgt Ion:202 Resp: 3579971

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.5

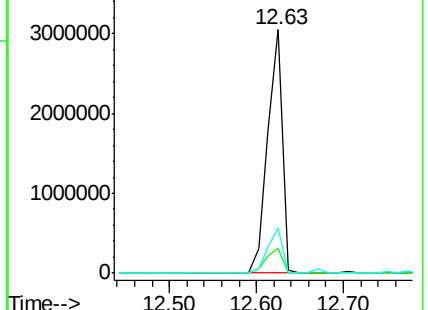
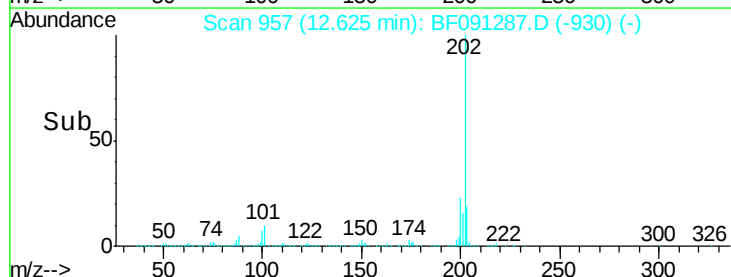
203 18.7 0.0 37.8

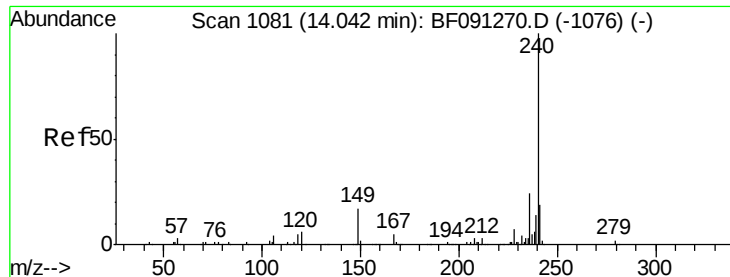


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

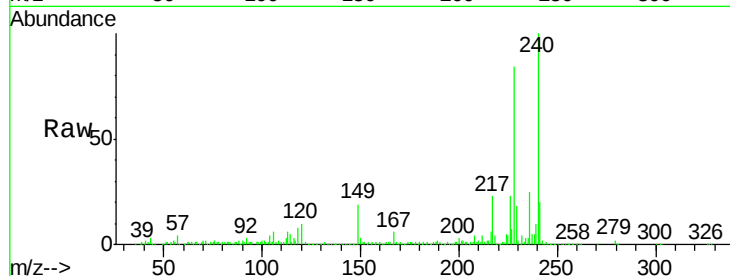
Tgt Ion:240 Resp: 472482

Ion Ratio Lower Upper

240 100

120 9.7 12.1 18.1#

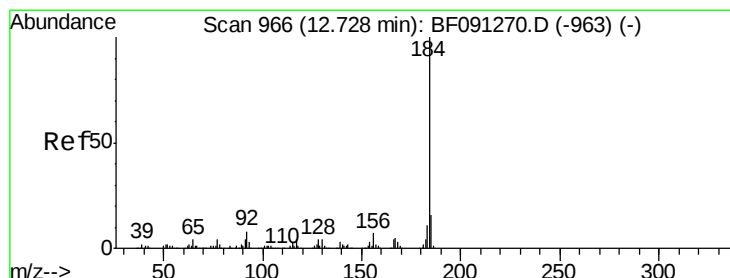
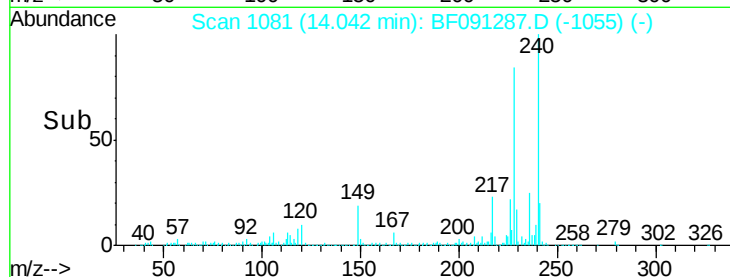
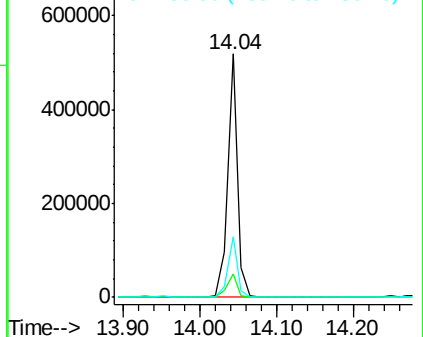
236 24.7 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 7.56 ng

RT: 12.74 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

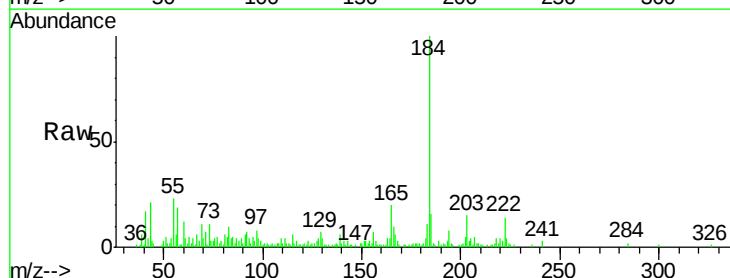
Tgt Ion:184 Resp: 69230

Ion Ratio Lower Upper

184 100

185 16.4 13.1 19.7

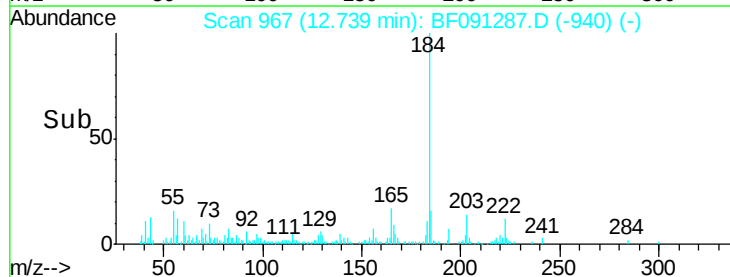
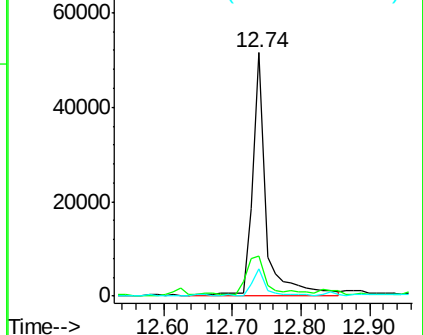
183 11.5 8.9 13.3

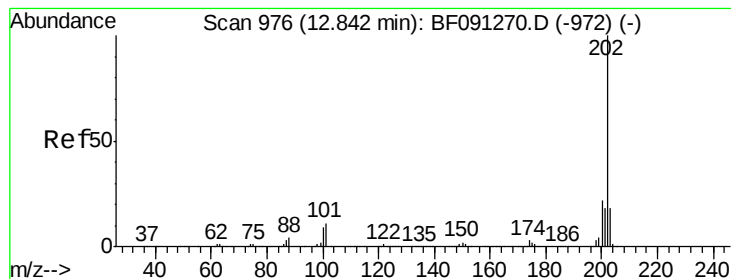


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 89.38 ng

RT: 12.85 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

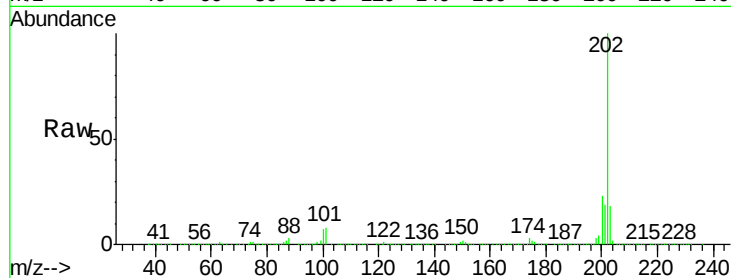
Tgt Ion:202 Resp: 3120270

Ion Ratio Lower Upper

202 100

200 22.9 17.6 26.4

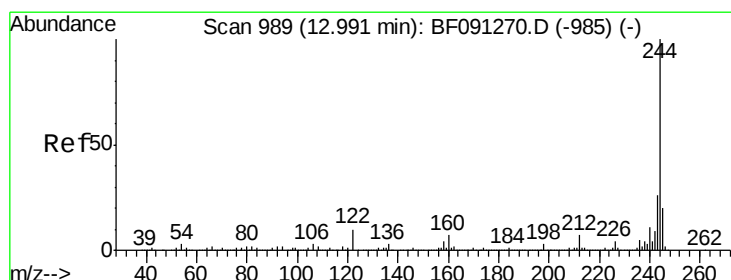
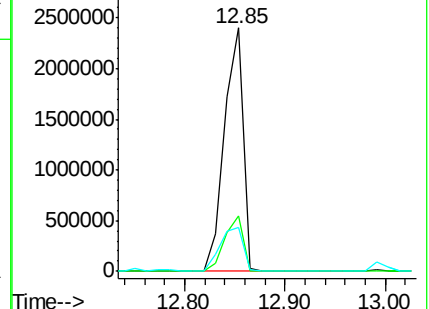
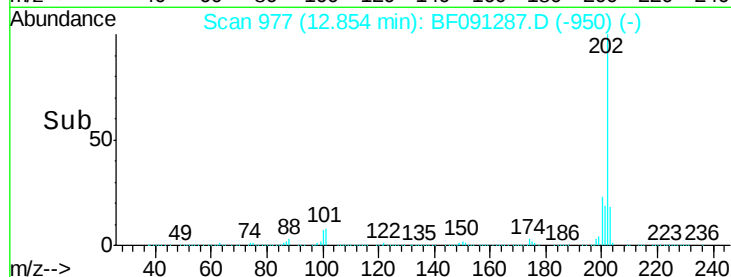
203 18.3 14.0 21.0



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: 62.25 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

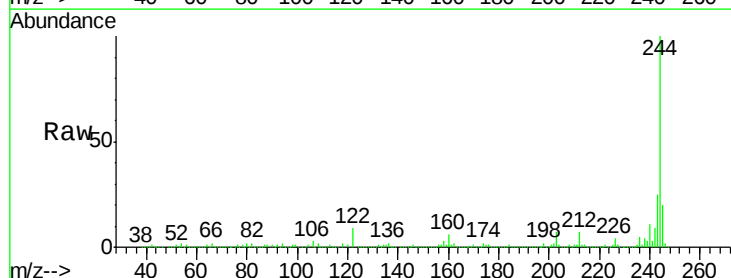
Tgt Ion:244 Resp: 1287926

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

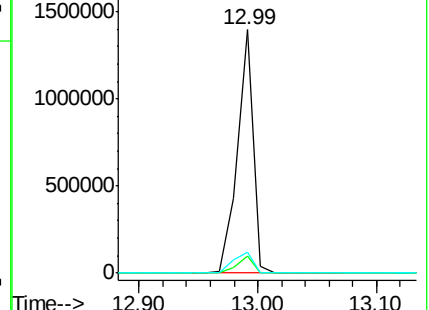
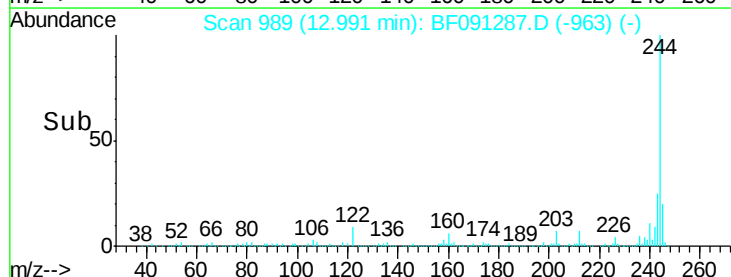
122 8.7 9.5 14.3#

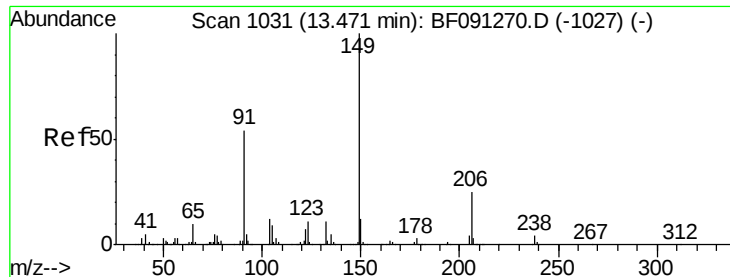


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

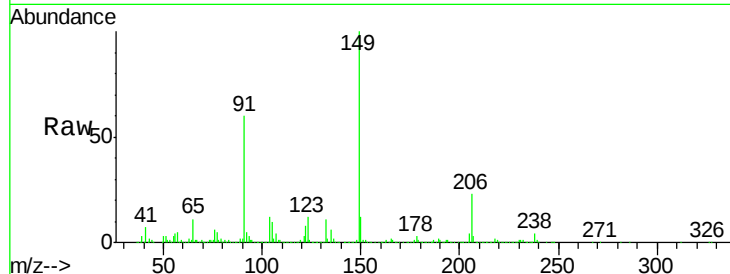




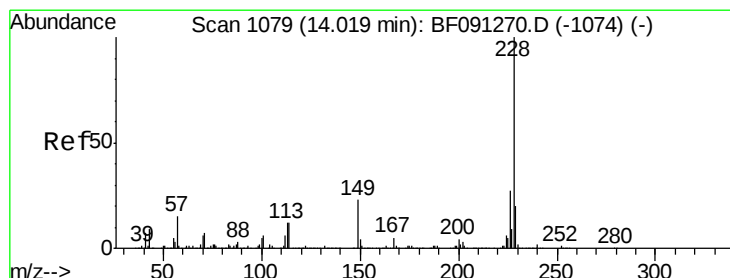
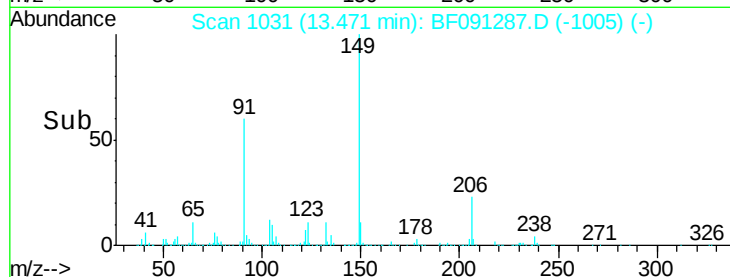
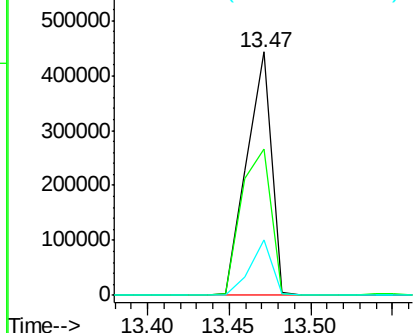
#79
Butylbenzylphthalate
Concen: 33.23 ng
RT: 13.47 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

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

Tgt Ion:149 Resp: 464321
Ion Ratio Lower Upper
149 100
91 59.9 57.4 86.2
206 22.6 15.4 23.2

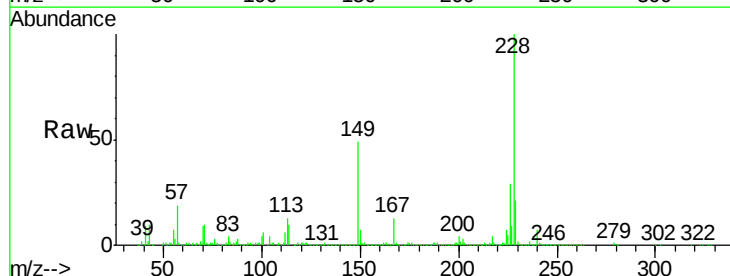


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

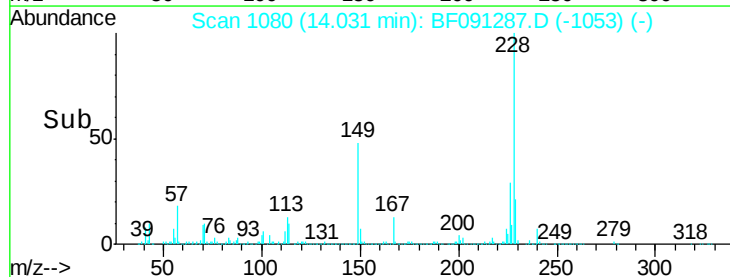
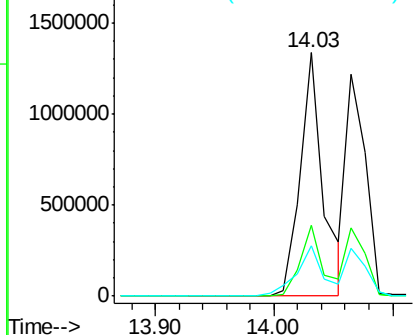


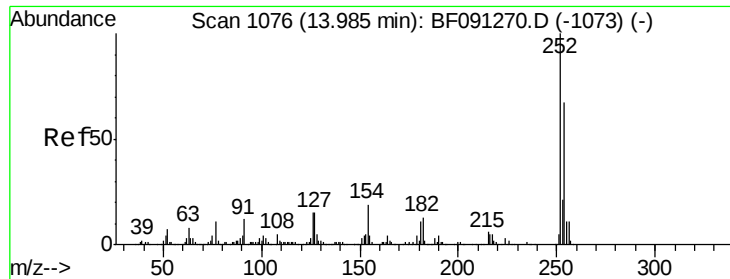
#80
Benzo(a)anthracene
Concen: 66.70 ng
RT: 14.03 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion:228 Resp: 1788694
Ion Ratio Lower Upper
228 100
226 29.3 22.5 33.7
229 20.7 16.4 24.6



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

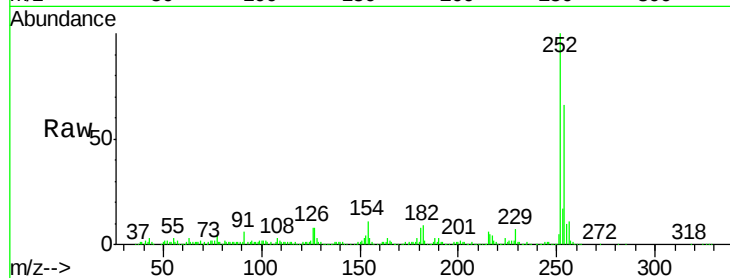




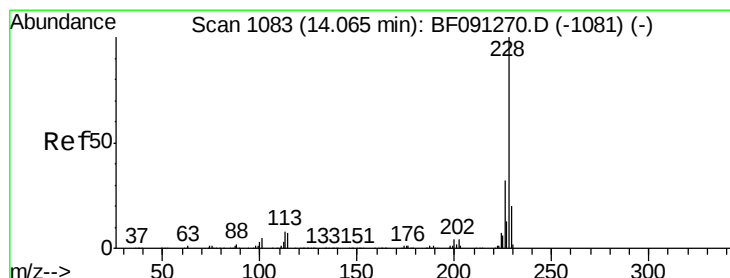
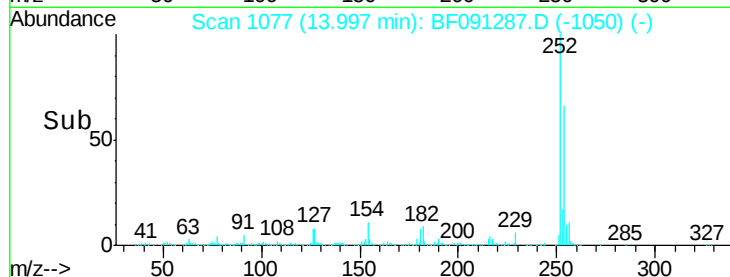
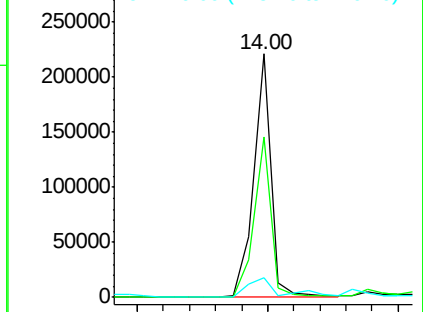
#81
 3,3'-Dichlorobenzidine
 Concen: 23.44 ng
 RT: 14.00 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

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

Tgt Ion:252 Resp: 207285
 Ion Ratio Lower Upper
 252 100
 254 65.9 52.1 78.1
 126 8.0 7.5 11.3

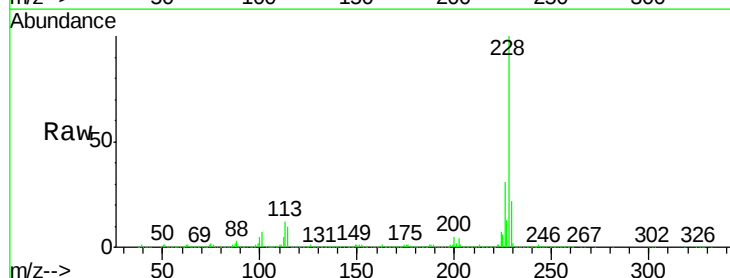


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

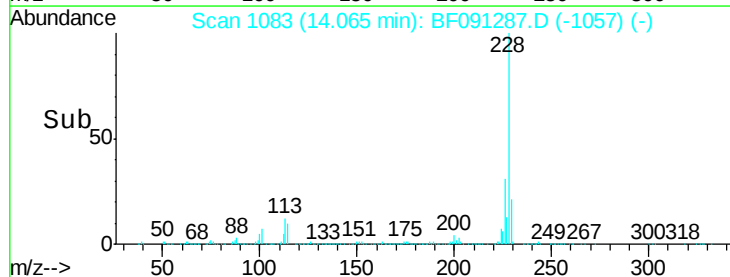
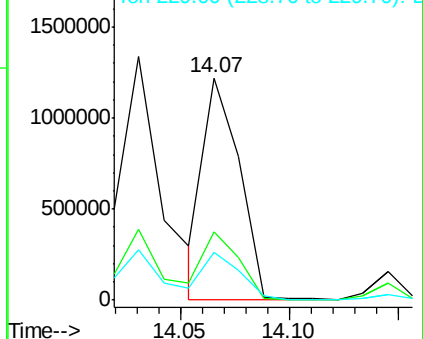


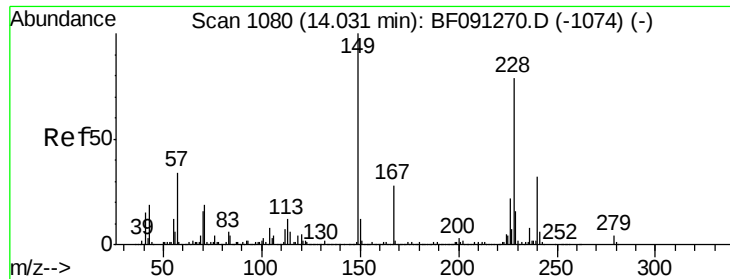
#82
 Chrysene
 Concen: 54.95 ng
 RT: 14.07 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Tgt Ion:228 Resp: 1392663
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.4
 229 21.6 16.0 24.0



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

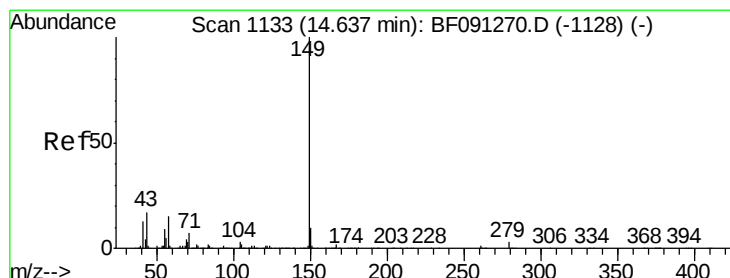
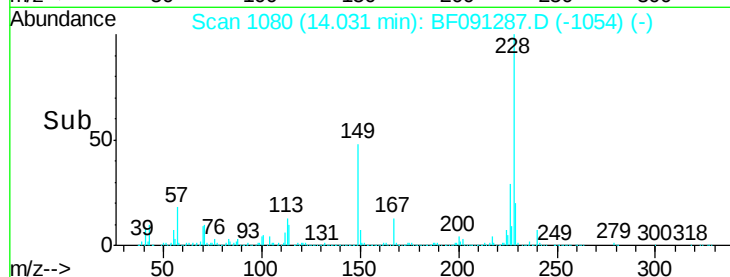
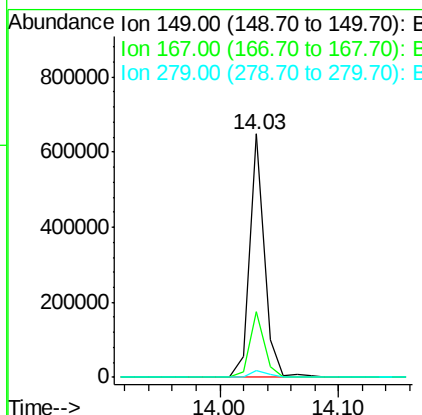
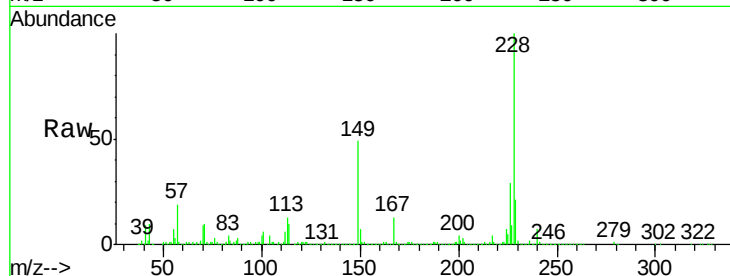




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.18 ng
 RT: 14.03 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

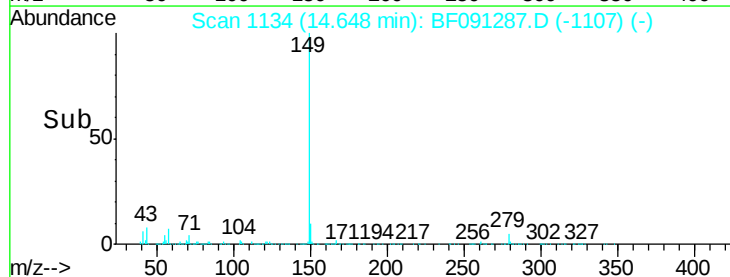
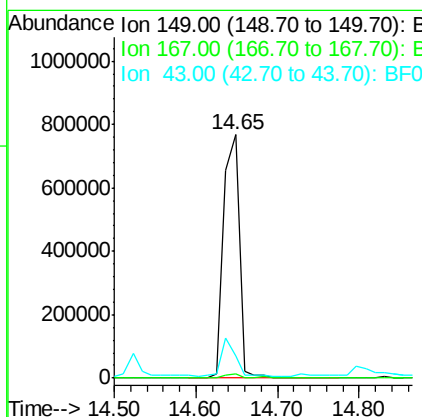
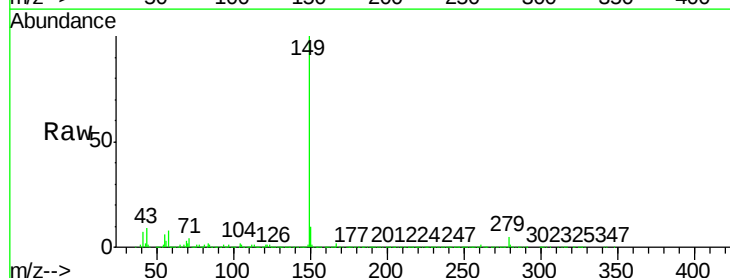
Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MSD

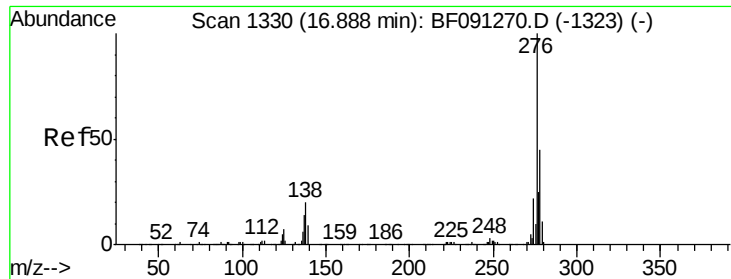
Tgt Ion:149 Resp: 559614
 Ion Ratio Lower Upper
 149 100
 167 26.8 19.6 29.4
 279 2.9 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 36.97 ng
 RT: 14.65 min Scan# 1134
 Delta R.T. 0.01 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Tgt Ion:149 Resp: 1012117
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.3 1.9
 43 13.1 11.9 17.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 59.00 ng

RT: 16.91 min Scan# 1332

Delta R.T. 0.02 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

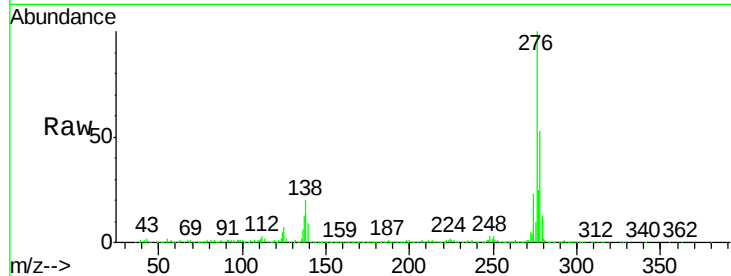
Tgt Ion:276 Resp: 1287786

Ion Ratio Lower Upper

276 100

138 21.0 21.0 31.4

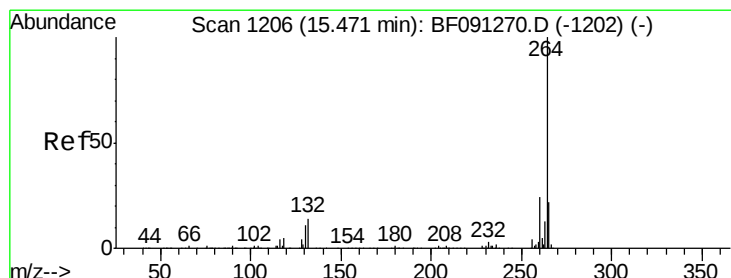
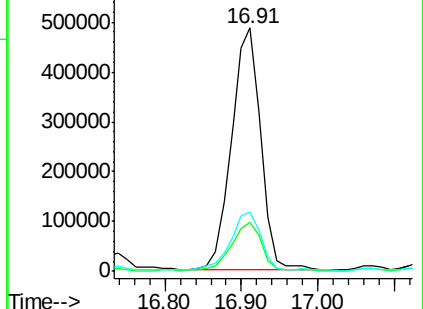
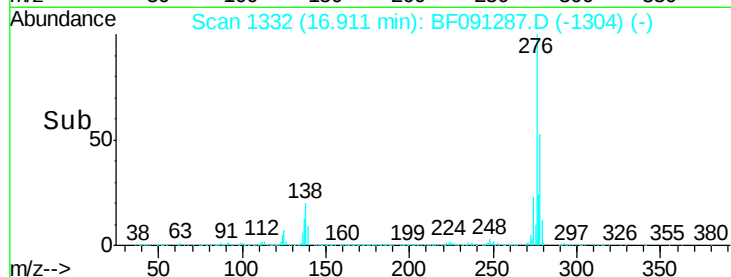
277 25.4 20.2 30.2



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: BF091287.D

Acq: 23 Nov 2016 20:58

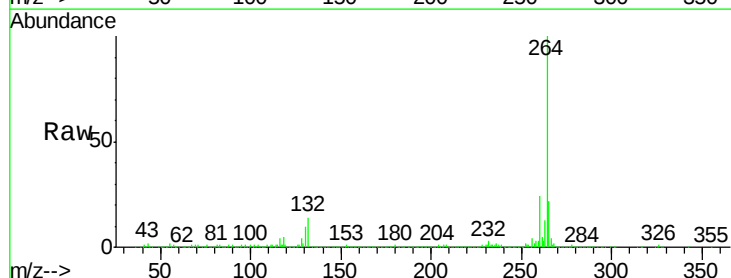
Tgt Ion:264 Resp: 488268

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

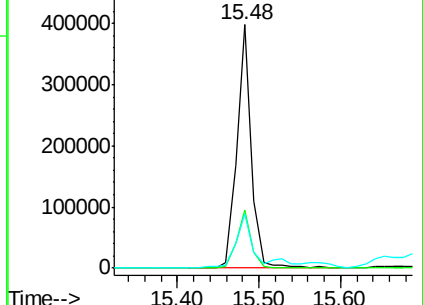
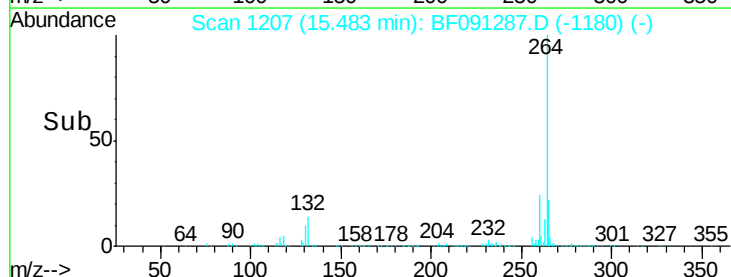
265 22.2 17.0 25.6

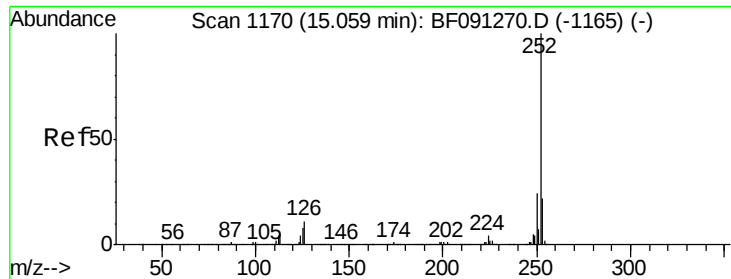


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

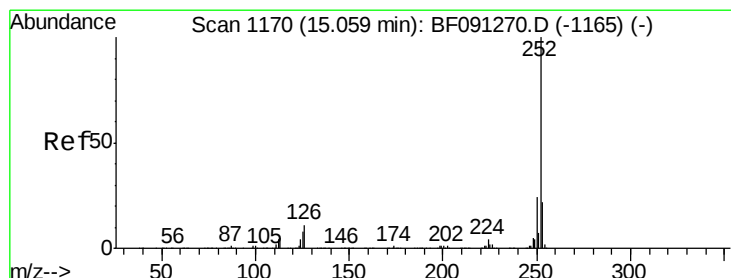
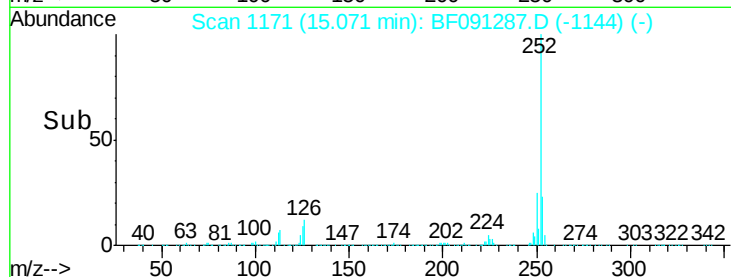
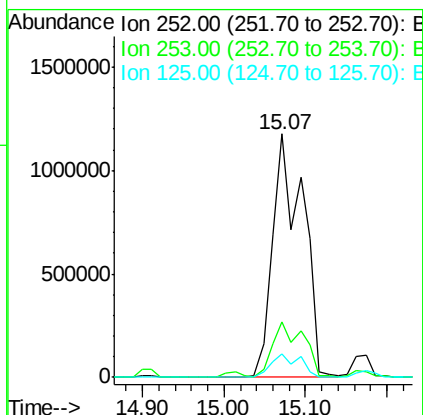
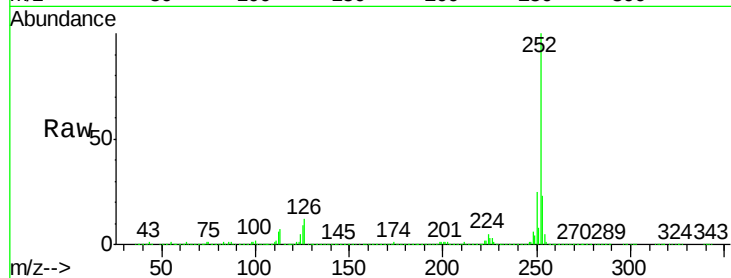




#87
Benzo(b)fluoranthene
Concen: 98.74 ng
RT: 15.07 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

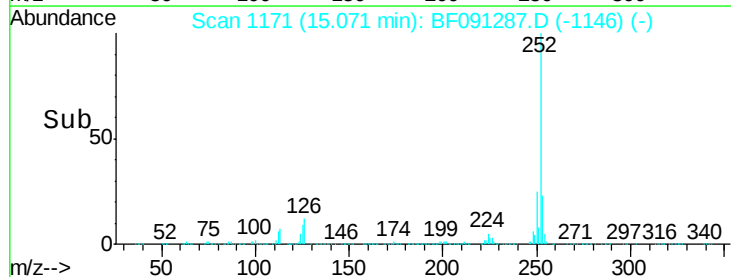
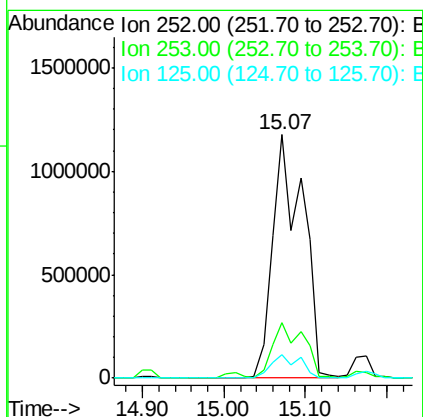
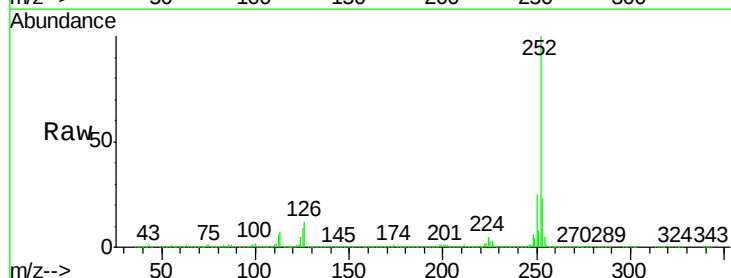
Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

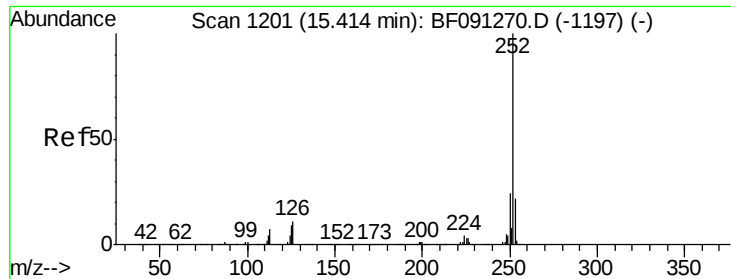
Tgt Ion:252 Resp: 3041314
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 9.5 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 120.89 ng
RT: 15.07 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion:252 Resp: 3041314
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 9.5 9.6 14.4#





#89

Benzo(a)pyrene

Concen: 22.69 ng

RT: 15.36 min Scan# 1196

Delta R.T. -0.06 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

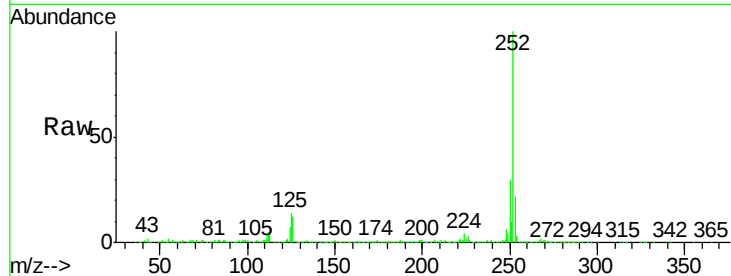
Tgt Ion:252 Resp: 594540

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

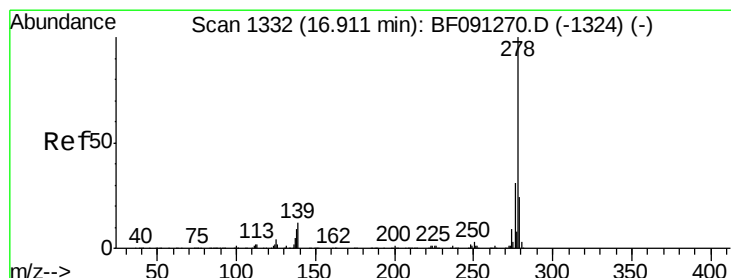
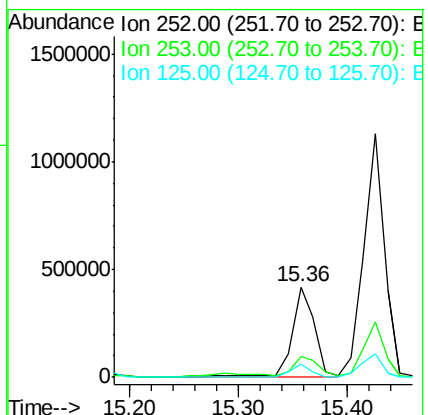
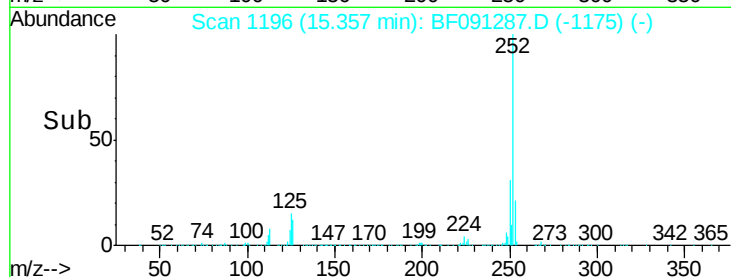
125 14.3 10.4 15.6



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



#90

Dibenzo(a,h)anthracene

Concen: 35.39 ng

RT: 16.92 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

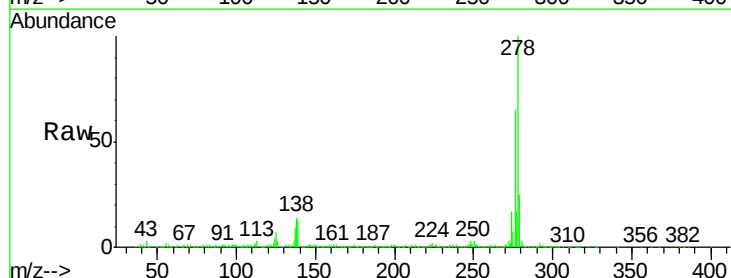
Tgt Ion:278 Resp: 856273

Ion Ratio Lower Upper

278 100

139 13.2 15.1 22.7#

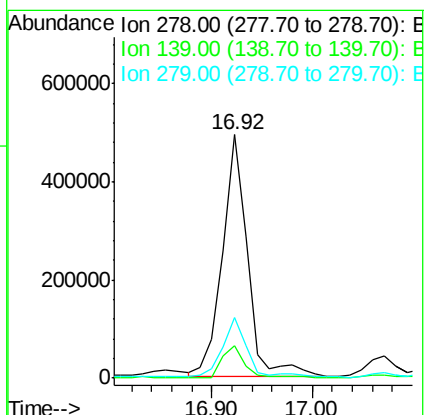
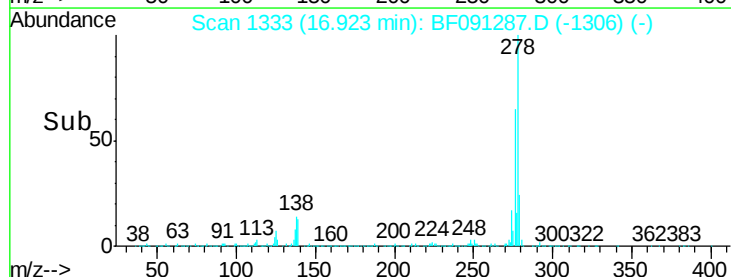
279 25.0 19.0 28.6

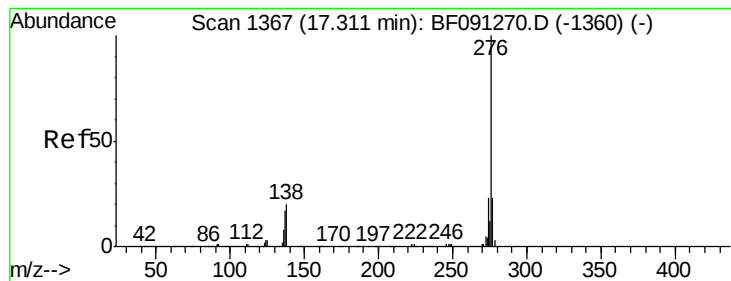


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.29 ng

RT: 17.33 min Scan# 1369

Delta R.T. 0.02 min

Lab File: BF091287.D

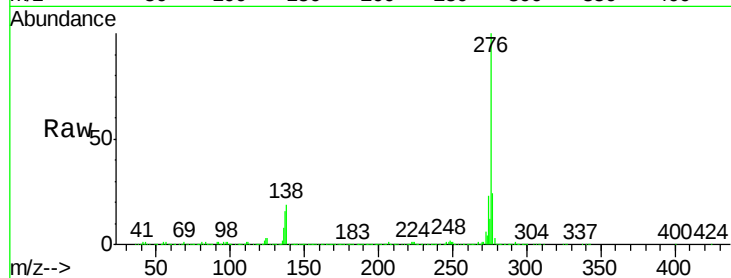
Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD



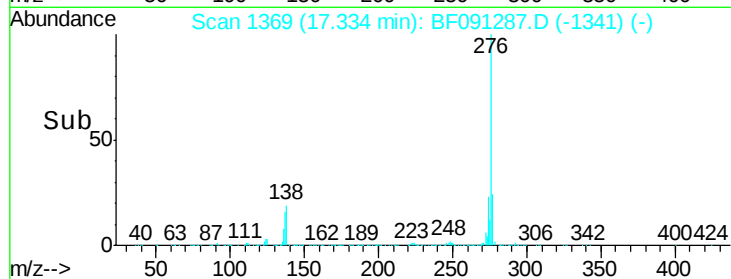
Tgt Ion:276 Resp: 1086824

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 19.2 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

