

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
 Data File : BF091529.D
 Acq On : 9 Dec 2016 15:44
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 09 16:19:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 16:08:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	277107	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1048866	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	548195	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	857111	20.00	ng	0.00
75) Chrysene-d12	13.96	240	528797	20.00	ng	0.00
86) Perylene-d12	15.38	264	547333	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1458793	86.00	ng	0.00
7) Phenol-d6	6.45	99	1945972	93.19	ng	0.00
23) Nitrobenzene-d5	7.39	82	2021231	107.99	ng	0.01
41) 2,4,6-Tribromophenol	10.65	330	444771	85.70	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	2937509	97.02	ng	0.00
78) Terphenyl-d14	12.92	244	2432295	99.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	408935	53.29	ng	# 85
3) Pyridine	3.10	79	1191963	54.89	ng	# 81
4) n-Nitrosodimethylamine	3.06	42	490185	43.02	ng	# 69
6) Aniline	6.48	93	1251658	45.13	ng	# 92
8) 2-Chlorophenol	6.60	128	861252	46.31	ng	93
9) Benzaldehyde	6.36	77	584045	43.50	ng	84
10) Phenol	6.48	94	1113388	45.31	ng	79
11) bis(2-Chloroethyl)ether	6.56	93	832218	47.40	ng	89
12) 1,3-Dichlorobenzene	6.76	146	933763	45.14	ng	94
13) 1,4-Dichlorobenzene	6.83	146	886341	43.07	ng	95
14) 1,2-Dichlorobenzene	6.99	146	902977	47.11	ng	96
15) Benzyl Alcohol	6.97	79	815712	48.81	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1376367	36.46	ng	81
17) 2-Methylphenol	7.08	107	738698	50.25	ng	# 77
18) Hexachloroethane	7.33	117	380105	52.02	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	600619	45.66	ng	# 82
20) 3+4-Methylphenols	7.23	107	815649	45.45	ng	# 50
22) Acetophenone	7.23	105	1164997	46.86	ng	# 89
24) Nitrobenzene	7.40	77	910544	47.52	ng	93
25) Isophorone	7.64	82	1683601	50.77	ng	98
26) 2-Nitrophenol	7.72	139	489906	56.10	ng	# 77
27) 2,4-Dimethylphenol	7.77	122	804587	49.25	ng	95
28) bis(2-Chloroethoxy)methane	7.86	93	1022104	51.21	ng	99
29) 2,4-Dichlorophenol	7.96	162	674441	46.93	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	710087	44.07	ng	99
31) Naphthalene	8.12	128	2197895	44.09	ng	99
32) Benzoic acid	7.89	122	590001	49.00	ng	93
33) 4-Chloroaniline	8.18	127	1077500	50.56	ng	95
34) Hexachlorobutadiene	8.25	225	432540	43.66	ng	97
35) Caprolactam	8.56	113	197294	47.77	ng	# 64
36) 4-Chloro-3-methylphenol	8.66	107	690702	44.52	ng	97
37) 2-Methylnaphthalene	8.82	142	1590002	46.95	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	608225	39.36	ng	99
40) Hexachlorocyclopentadiene	8.97	237	327592	45.73	ng	99

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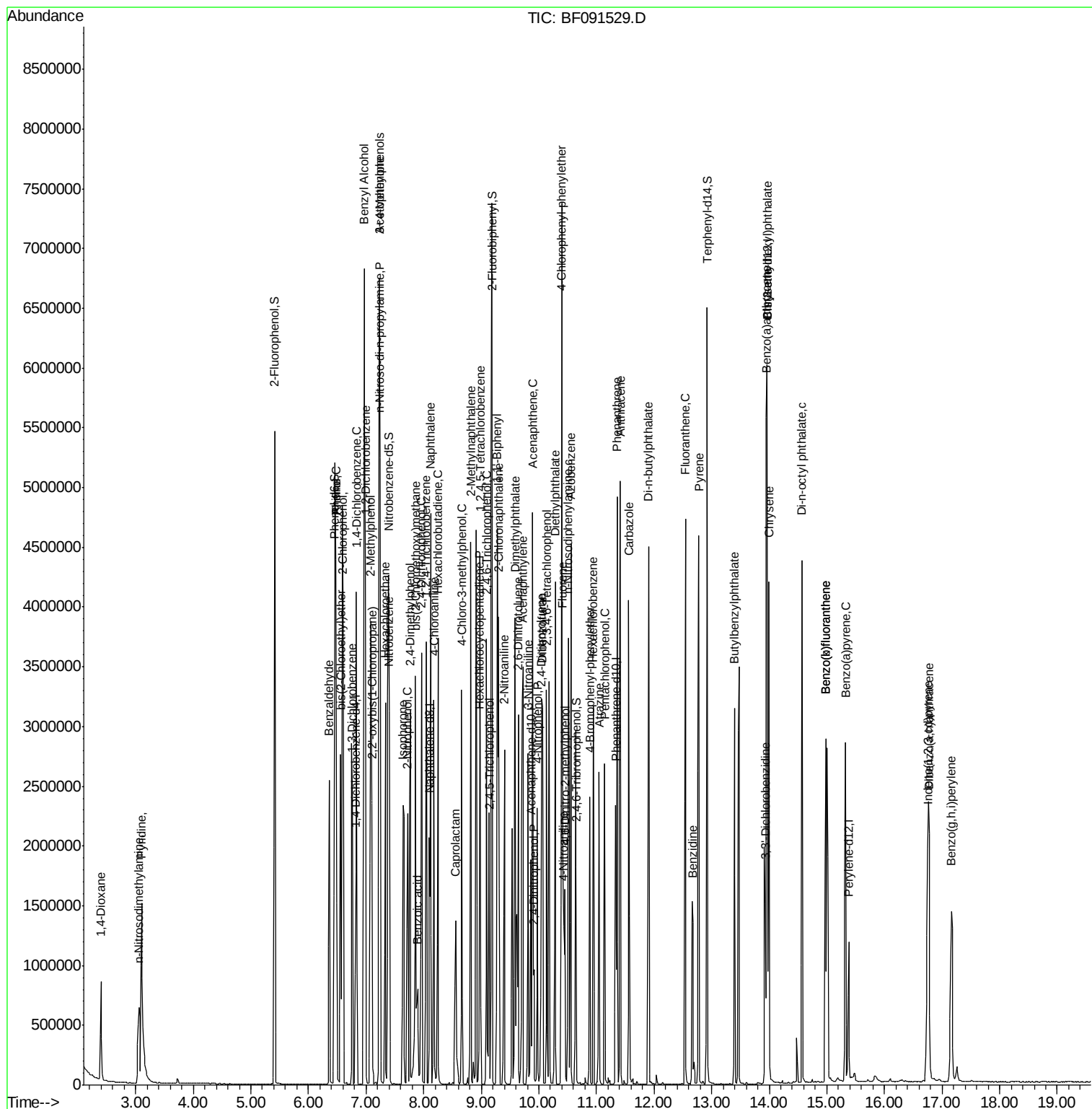
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42) 2,4,6-Trichlorophenol	9.09	196	468524	46.65	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	457720	45.47	nq	94
45) 1,1'-Biphenyl	9.28	154	1755816	44.54	nq	99
46) 2-Chloronaphthalene	9.30	162	1321785	45.03	nq	96
47) 2-Nitroaniline	9.40	65	553804	52.52	nq	97
48) Acenaphthylene	9.72	152	2253747	48.77	nq	99
49) Dimethylphthalate	9.58	163	1518275	45.74	nq	98
50) 2,6-Dinitrotoluene	9.64	165	339756	45.80	nq	95
51) Acenaphthene	9.89	154	1567437	50.29	nq	97
52) 3-Nitroaniline	9.81	138	459816	53.55	nq	99
53) 2,4-Dinitrophenol	9.92	184	189437	58.39	nq	# 79
54) Dibenzofuran	10.06	168	1933457	46.33	nq	93
55) 4-Nitrophenol	9.97	139	328389	52.95	nq	92
56) 2,4-Dinitrotoluene	10.04	165	423689	44.03	nq	# 56
57) Fluorene	10.41	166	1404706	43.84	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	369299	42.97	nq	97
59) Diethylphthalate	10.28	149	1573999	48.04	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	660663	41.11	nq	# 85
61) 4-Nitroaniline	10.43	138	452607	56.13	nq	96
62) Azobenzene	10.56	77	1888736	56.49	nq	92
64) 4,6-Dinitro-2-methylphenol	10.45	198	284883	60.33	nq	# 47
65) n-Nitrosodiphenylamine	10.51	169	1211313	46.61	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	438950	47.65	nq	# 84
67) Hexachlorobenzene	10.94	284	414862	41.67	nq	# 68
68) Atrazine	11.05	200	437968	52.04	nq	96
69) Pentachlorophenol	11.14	266	267432	45.63	nq	95
70) Phenanthrene	11.36	178	1922876	43.17	nq	100
71) Anthracene	11.41	178	2264642	51.23	nq	100
72) Carbazole	11.56	167	1814416	45.24	nq	99
73) Di-n-butylphthalate	11.90	149	2389105	52.56	nq	99
74) Fluoranthene	12.54	202	2171546	51.48	nq	98
76) Benzidine	12.67	184	864917	55.72	nq	100
77) Pyrene	12.77	202	2267619	56.51	nq	99
79) Butylbenzylphthalate	13.39	149	889150	59.17	nq	# 85
80) Benzo(a)anthracene	13.95	228	1531478	49.52	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	571643	52.47	nq	# 97
82) Chrysene	14.00	228	1730627	56.56	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	1149169	60.33	nq	# 94
84) Di-n-octyl phthalate	14.57	149	1956980	67.90	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.75	276	1546514	55.19	nq	100
87) Benzo(b)fluoranthene	14.98	252	1572957	46.24	nq	99
88) Benzo(k)fluoranthene	14.98	252	1572957	54.98	nq	98
89) Benzo(a)pyrene	15.32	252	1416440	46.36	nq	97
90) Dibenzo(a,h)anthracene	16.77	278	1288582	45.60	nq	# 96
91) Benzo(g,h,i)perylene	17.16	276	1333763	45.78	nq	# 95

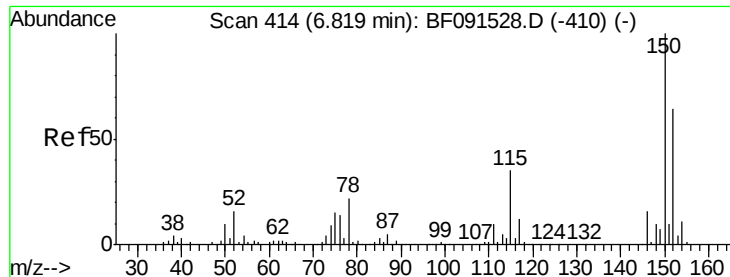
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampled :

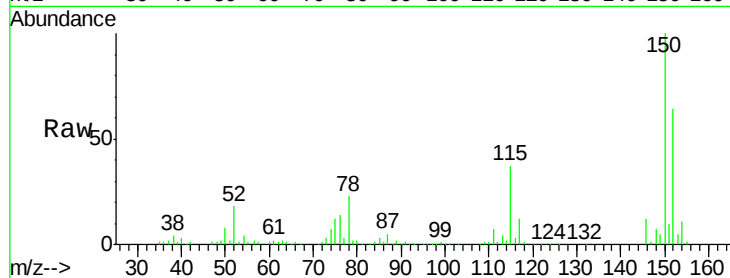
Tot Ion:152 Resp: 277107

Ion Ratio Lower Upper

152 100

150 155.1 122.5 183.7

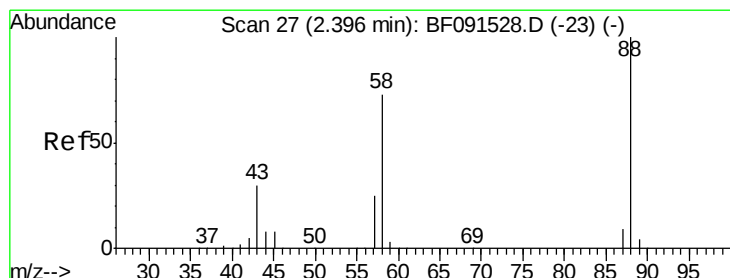
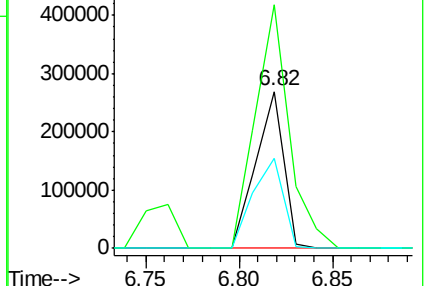
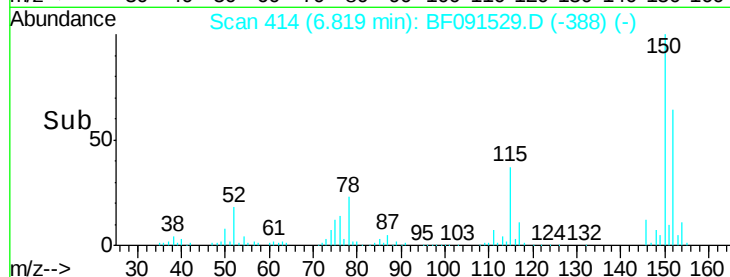
115 57.1 51.8 77.8



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: 53.29 ng

RT: 2.40 min Scan# 27

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

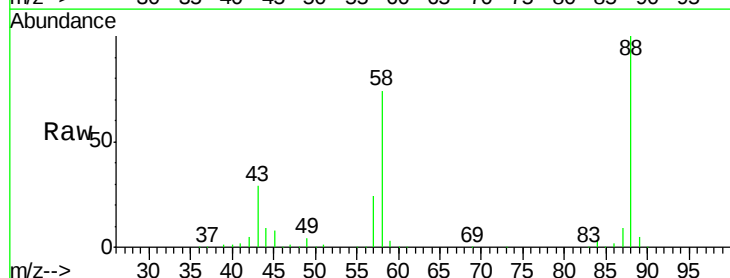
Tgt Ion: 88 Resp: 408935

Ion Ratio Lower Upper

88 100

58 74.9 70.3 105.5

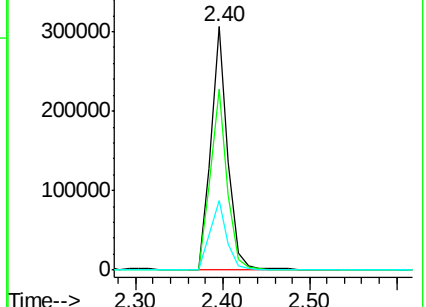
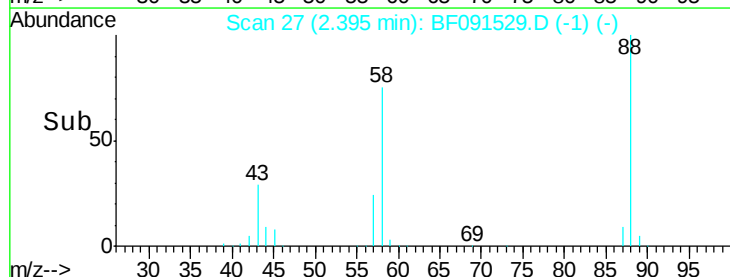
43 29.3 31.3 46.9#

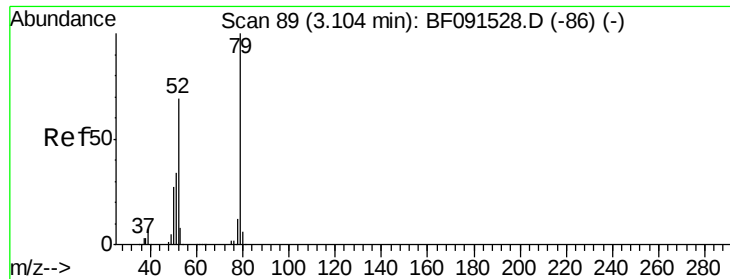


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 54.89 ng

RT: 3.10 min Scan# 89

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampleId :

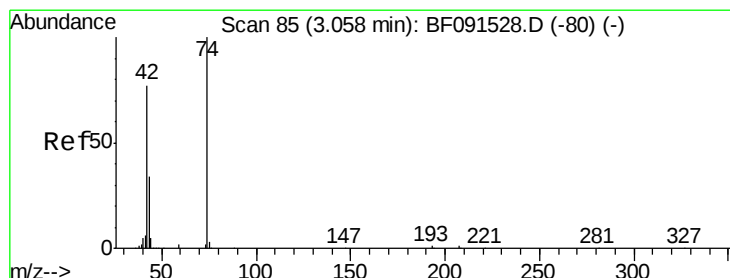
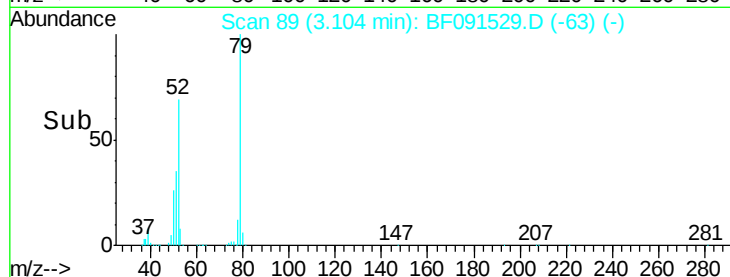
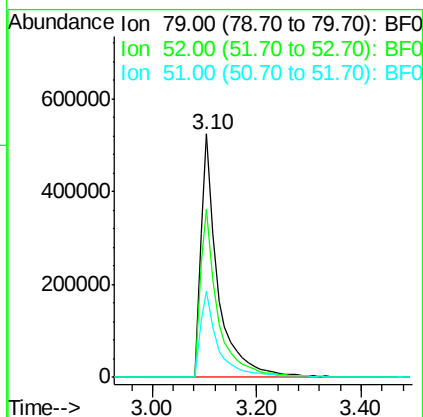
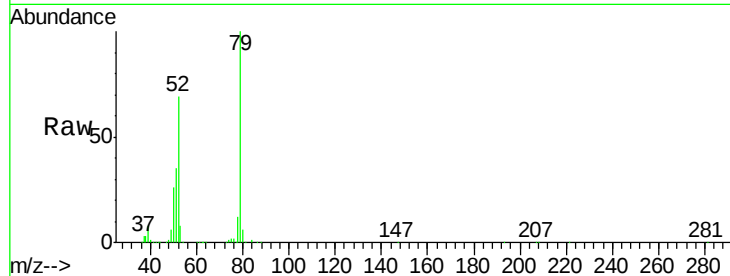
Tot Ion: 79 Resp: 1191963

Ion Ratio Lower Upper

79 100

52 69.1 71.0 106.4#

51 35.3 37.0 55.4#



#4

n-Nitrosodimethylamine

Concen: 43.02 ng

RT: 3.06 min Scan# 85

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

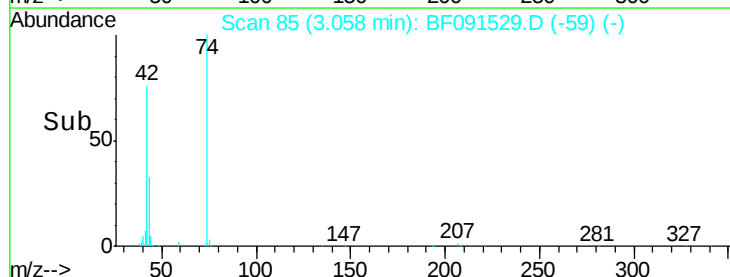
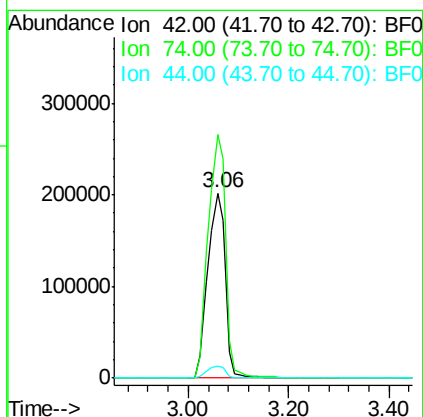
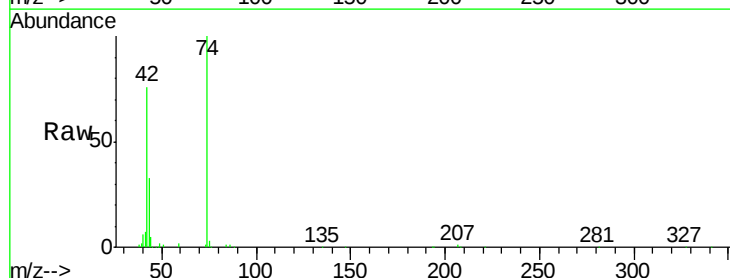
Tgt Ion: 42 Resp: 490185

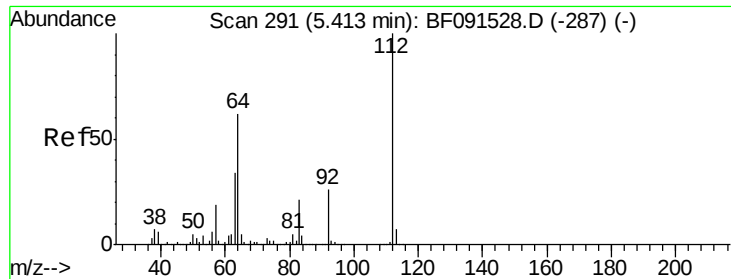
Ion Ratio Lower Upper

42 100

74 131.5 78.9 118.3#

44 6.6 5.8 8.6





#5

2-Fluorophenol

Concen: 86.00 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampleId :

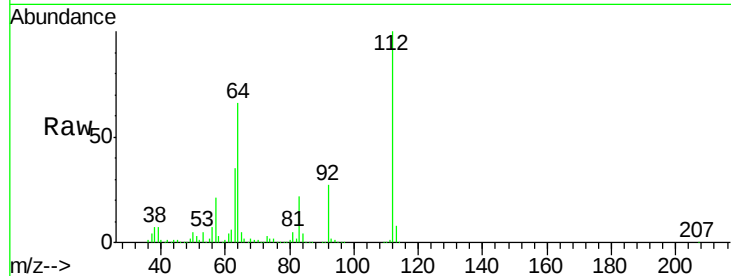
Tot Ion:112 Resp: 1458793

Ion Ratio Lower Upper

112 100

64 66.4 61.5 92.3

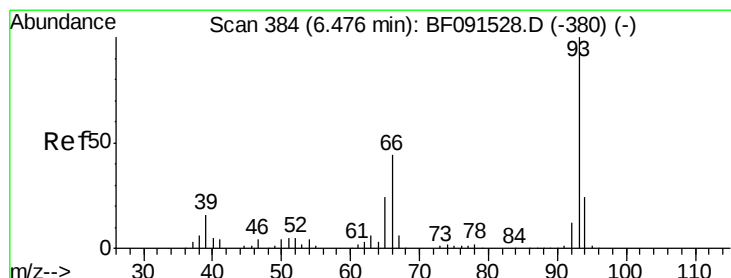
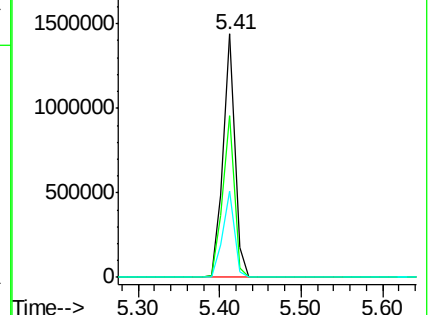
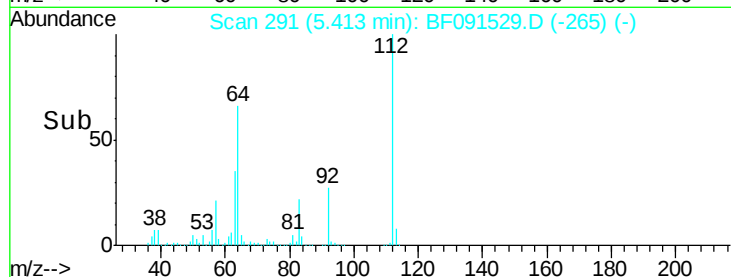
63 35.3 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 45.13 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

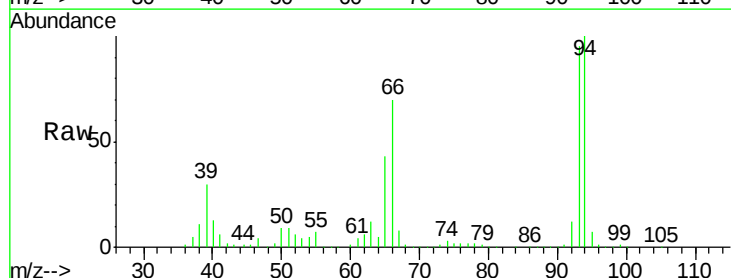
Tgt Ion: 93 Resp: 1251658

Ion Ratio Lower Upper

93 100

66 73.8 55.8 83.6

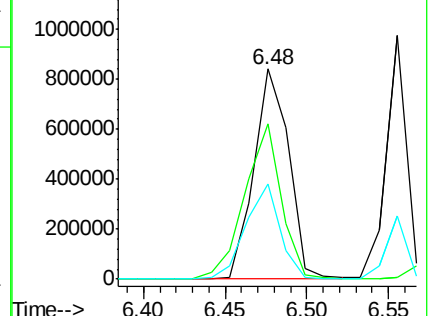
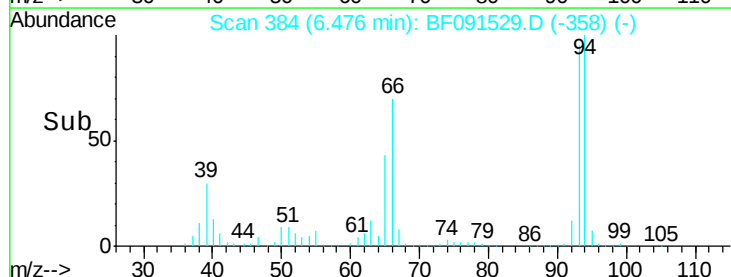
65 45.2 29.9 44.9#

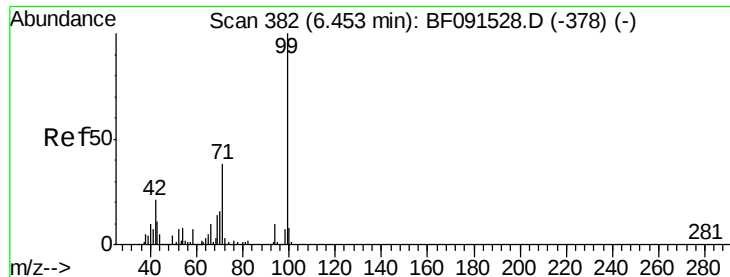


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 93.19 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampleId :

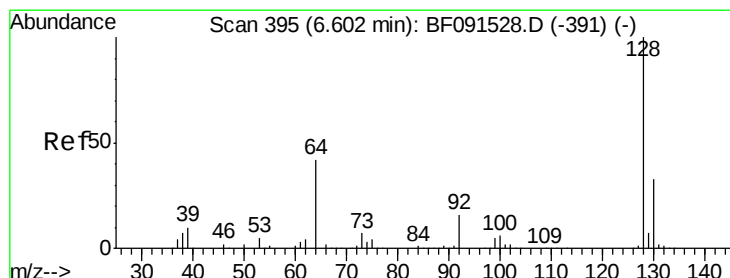
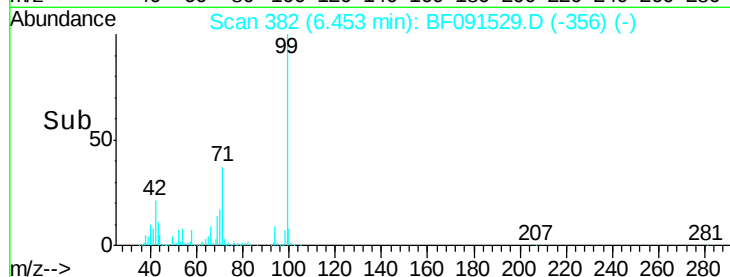
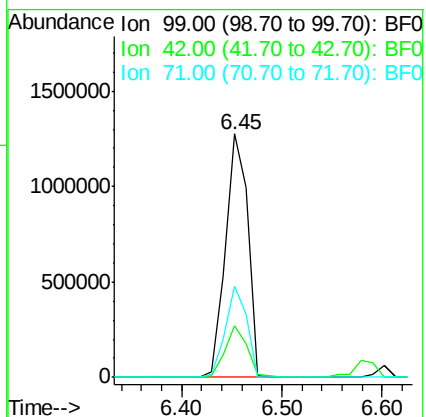
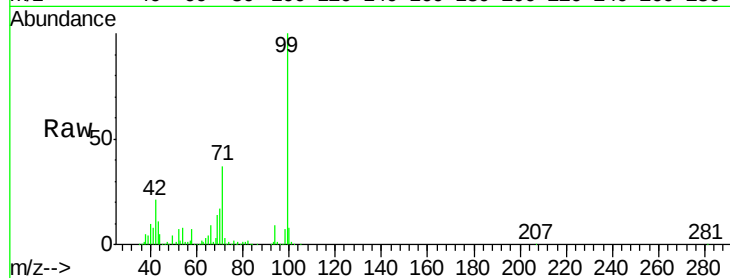
Tot Ion: 99 Resp: 1945972

Ion Ratio Lower Upper

99 100

42 21.4 20.6 31.0

71 37.4 29.9 44.9



#8

2-Chlorophenol

Concen: 46.31 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

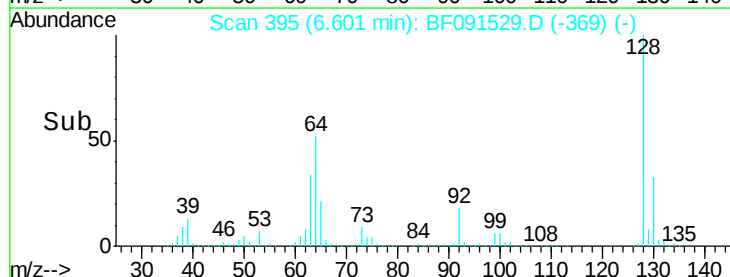
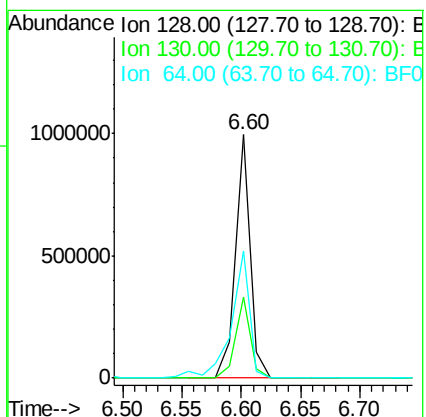
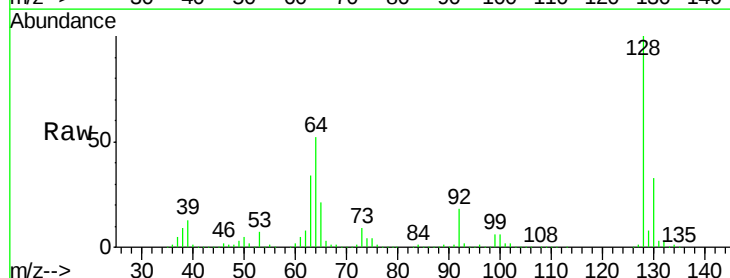
Tgt Ion: 128 Resp: 861252

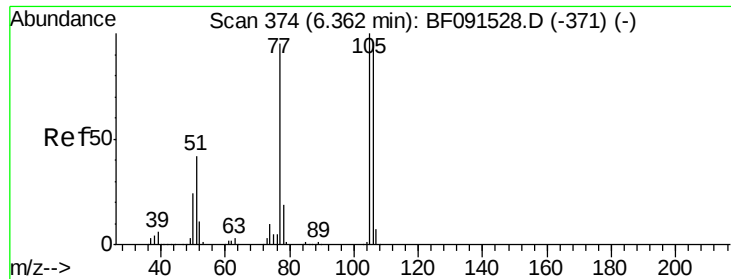
Ion Ratio Lower Upper

128 100

130 33.2 13.1 53.1

64 52.0 24.1 64.1





#9

Benzaldehyde

Concen: 43.50 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampleId :

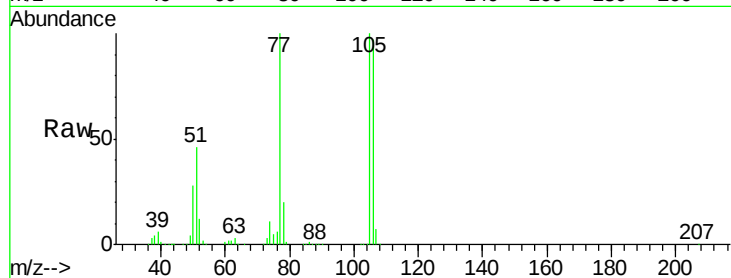
Tot Ion: 77 Resp: 584045

Ion Ratio Lower Upper

77 100

105 100.2 66.4 106.4

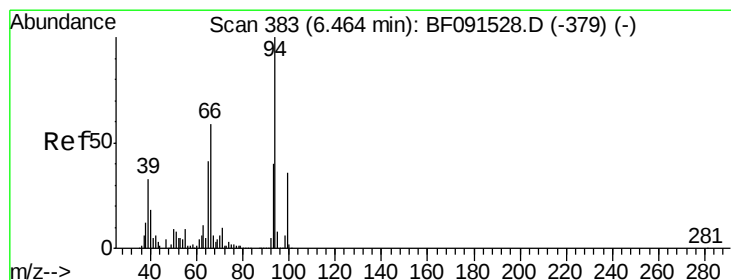
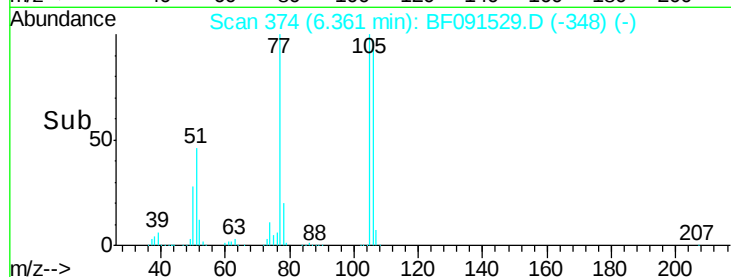
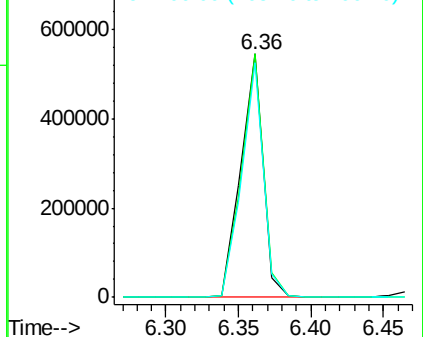
106 96.7 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.31 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

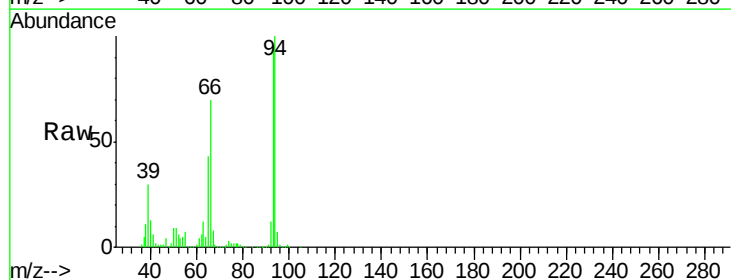
Tgt Ion: 94 Resp: 1113388

Ion Ratio Lower Upper

94 100

65 42.9 16.9 56.9

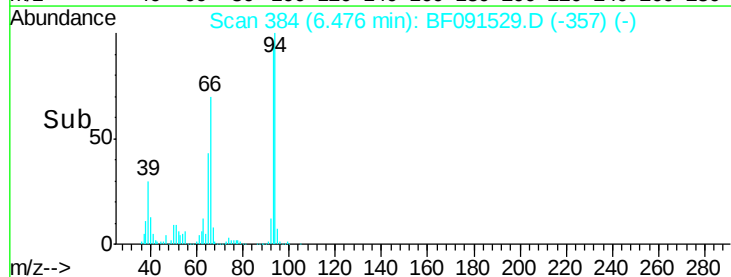
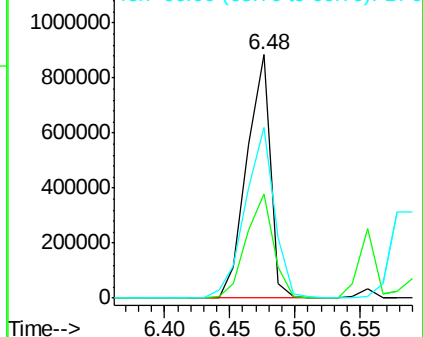
66 70.1 30.6 70.6

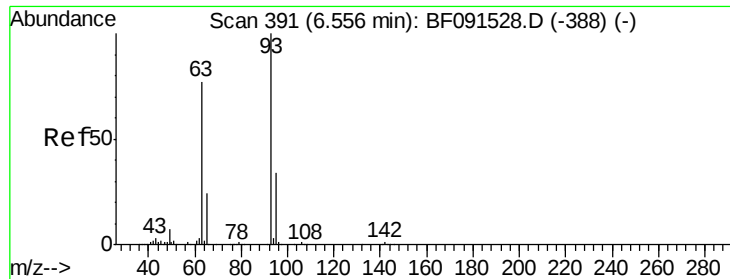


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

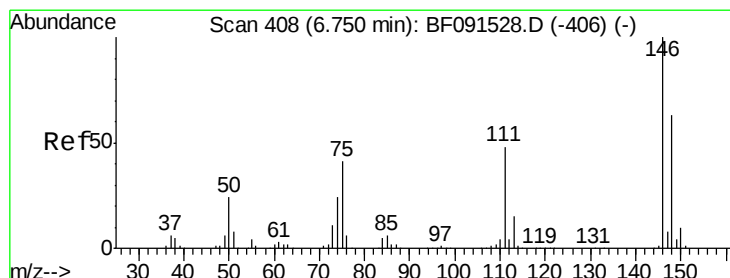
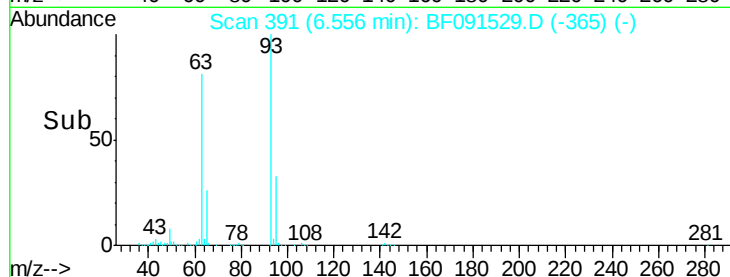
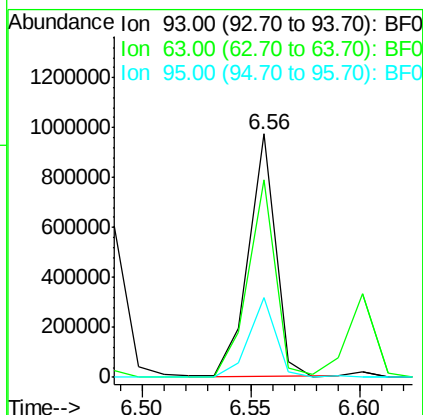
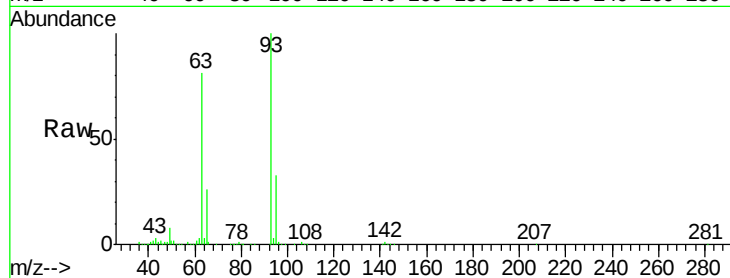




#11
bis(2-Chloroethyl)ether
Concen: 47.40 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

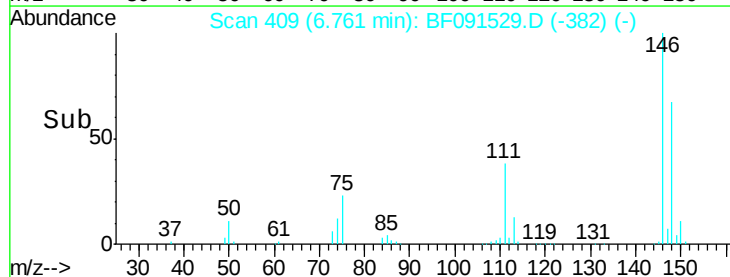
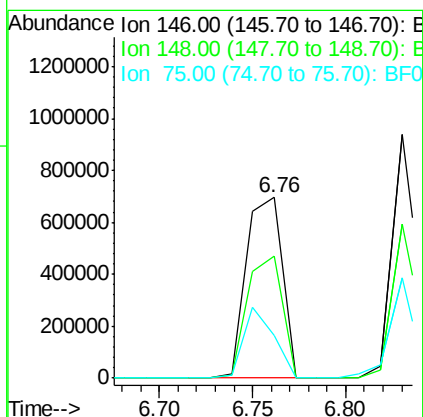
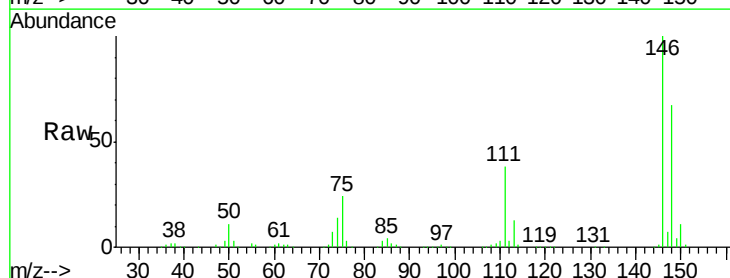
Instrument :
BNA_F
ClientSampleId :

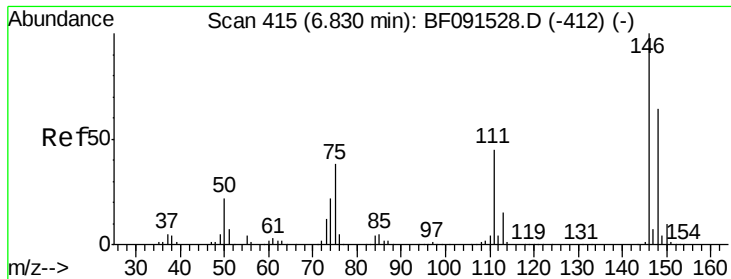
Tot Ion: 93 Resp: 832218
Ion Ratio Lower Upper
93 100
63 81.2 74.8 114.8
95 32.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 45.14 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

Tgt Ion: 146 Resp: 933763
Ion Ratio Lower Upper
146 100
148 67.5 51.4 77.0
75 23.8 23.6 35.4

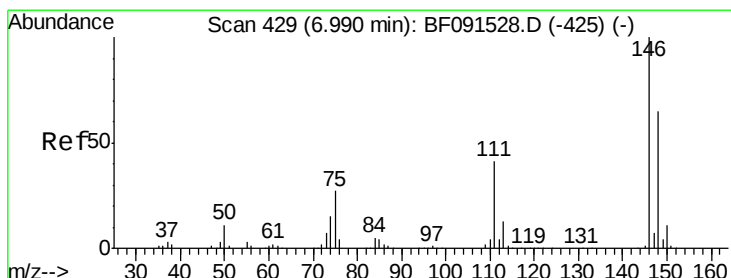
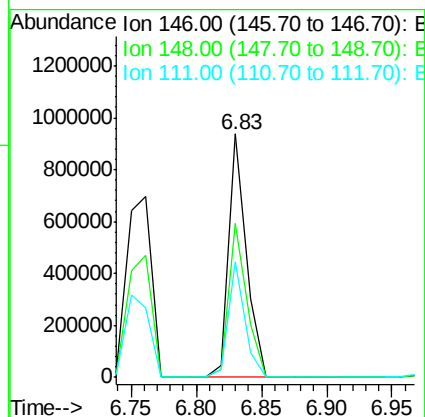
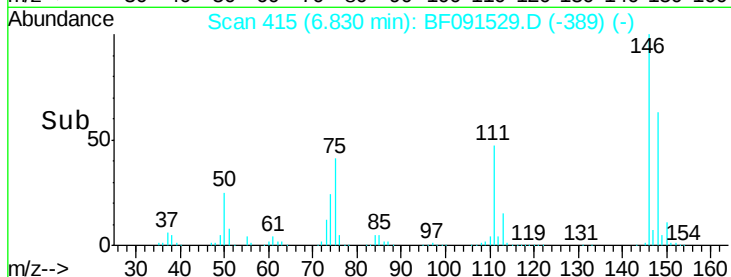
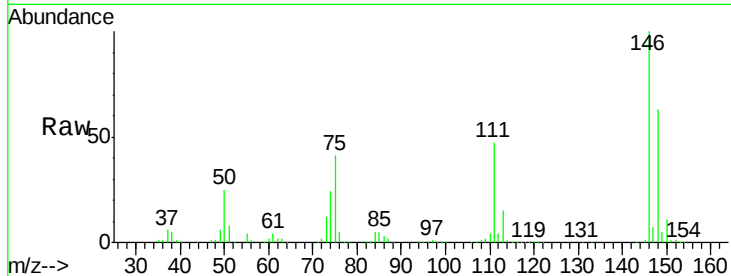




#13
 1,4-Dichlorobenzene
 Concen: 43.07 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF091529.D
 Acq: 9 Dec 2016 15:44

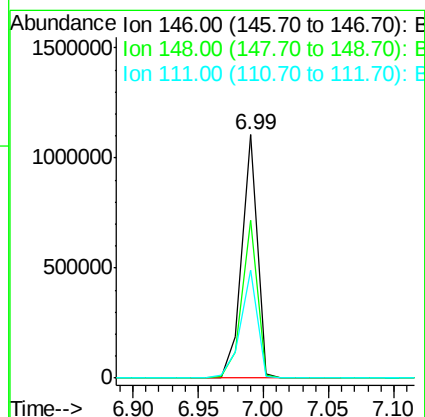
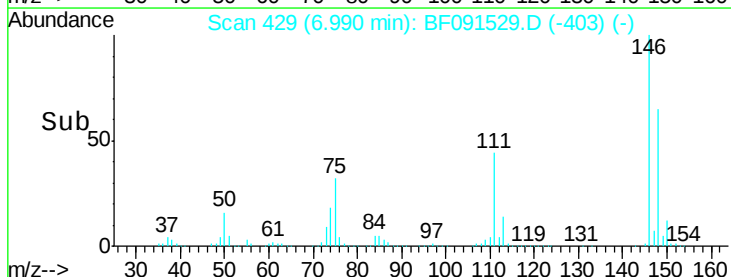
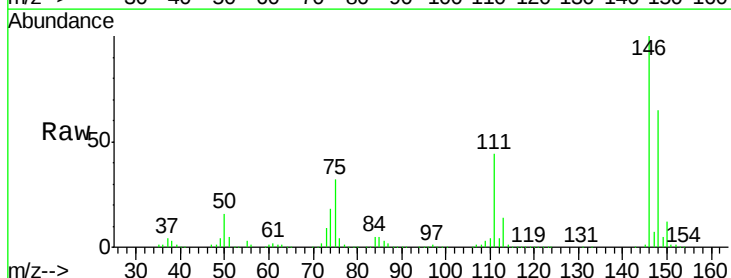
Instrument :
 BNA_F
 ClientSampleId :

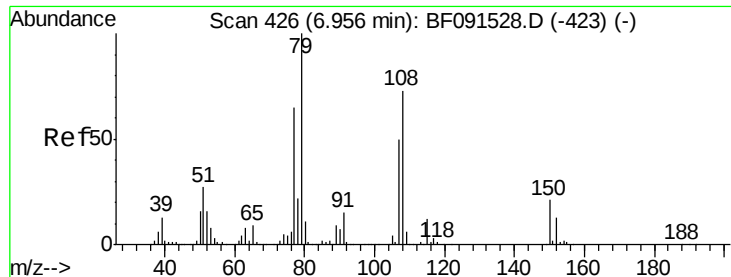
Tot Ion:146 Resp: 886341
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.4 77.0
 111 47.4 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 47.11 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF091529.D
 Acq: 9 Dec 2016 15:44

Tgt Ion:146 Resp: 902977
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.0 76.6
 111 44.4 38.9 58.3





#15

Benzyl Alcohol

Concen: 48.81 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :
BNA_F
ClientSampleId :

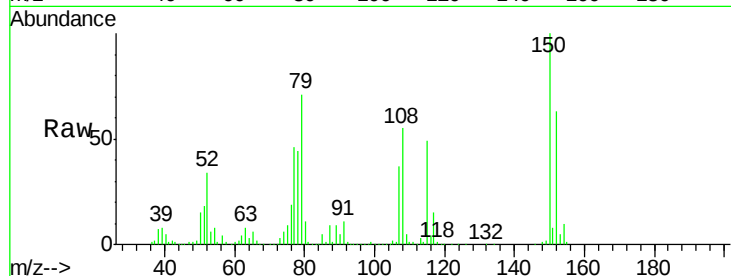
Tot Ion: 79 Resp: 815712

Ion Ratio Lower Upper

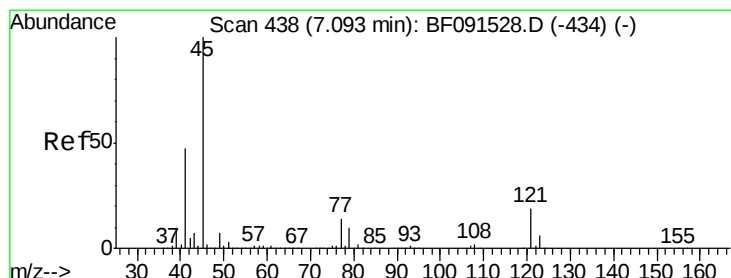
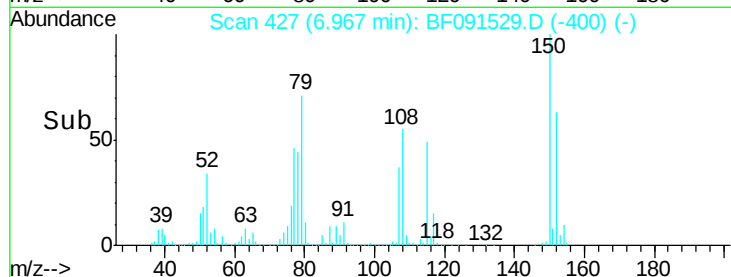
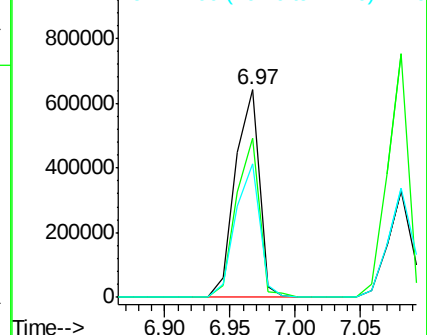
79 100

108 76.8 62.7 94.1

77 64.2 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: 36.46 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

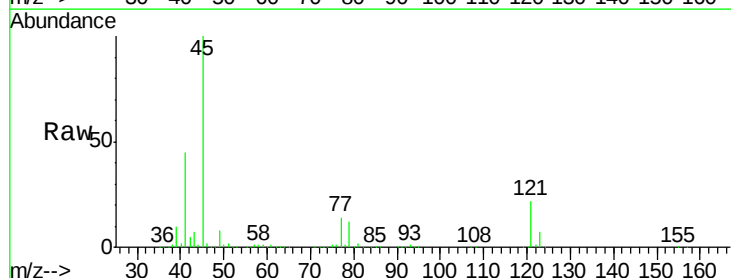
Tgt Ion: 45 Resp: 1376367

Ion Ratio Lower Upper

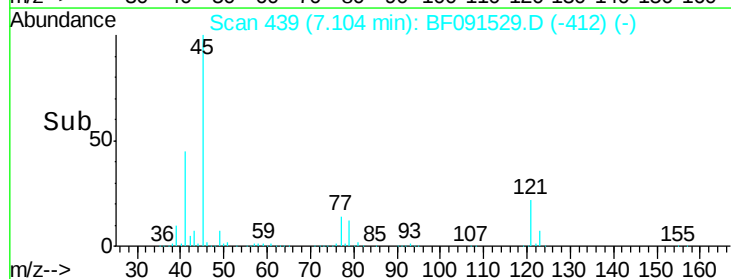
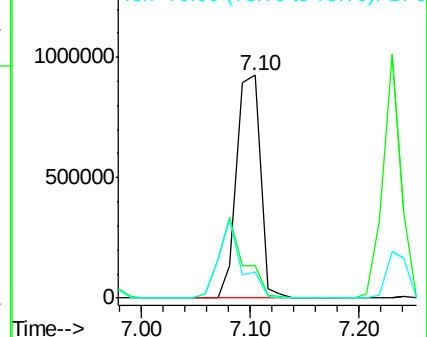
45 100

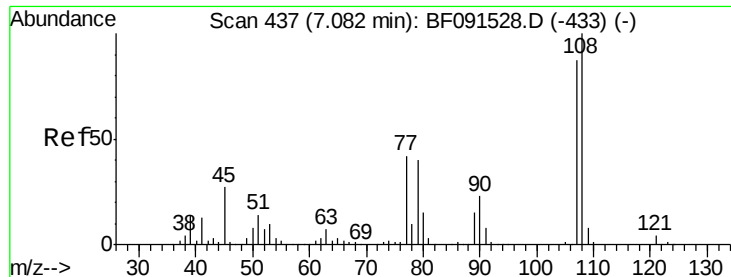
77 14.3 3.8 43.8

79 11.6 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: 50.25 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 738698

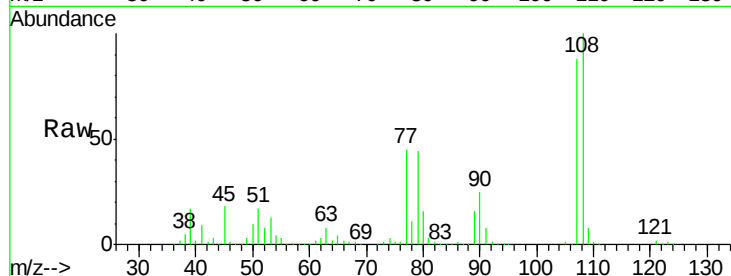
Ion Ratio Lower Upper

107 100

108 113.6 67.7 101.5#

77 50.9 40.7 61.1

79 49.6 23.4 35.2#



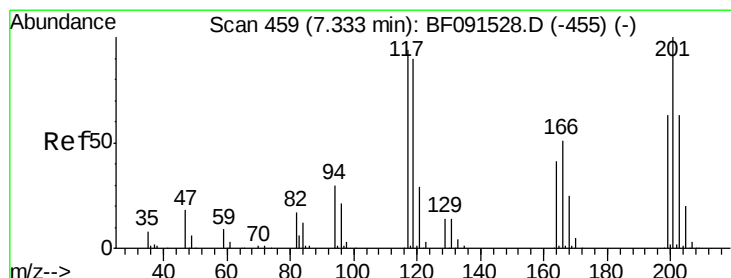
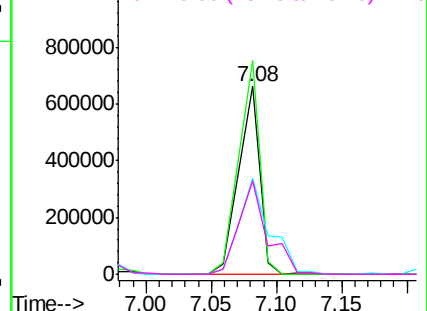
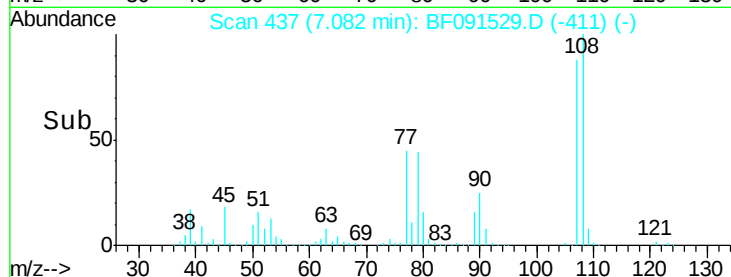
Abundance

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: 52.02 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

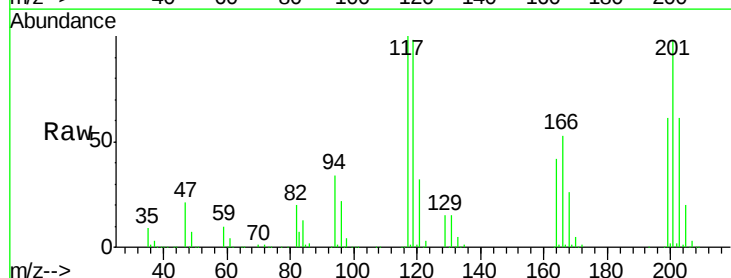
Tgt Ion:117 Resp: 380105

Ion Ratio Lower Upper

117 100

119 98.4 78.6 118.0

201 97.7 86.7 130.1

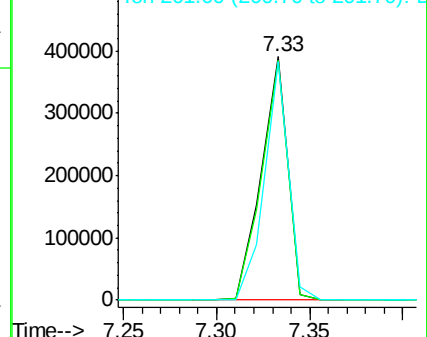
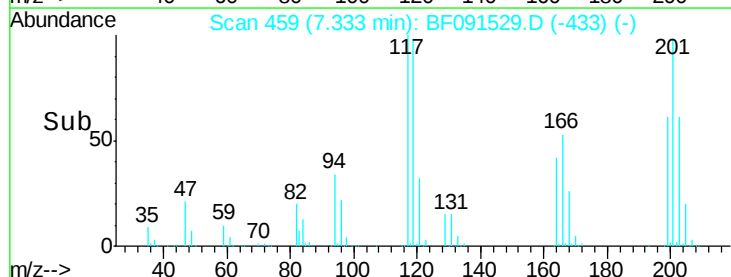


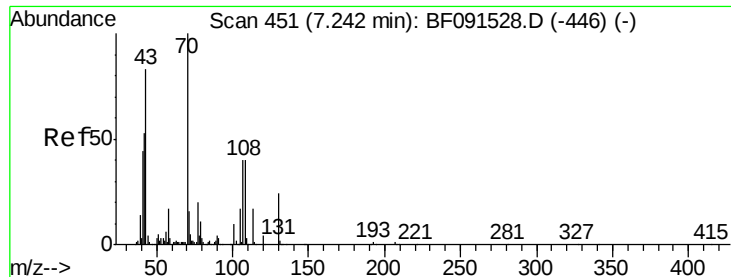
Abundance

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

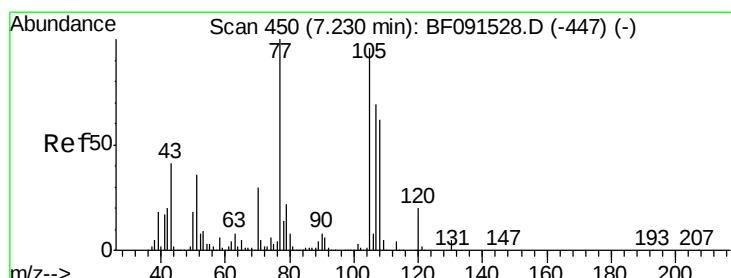
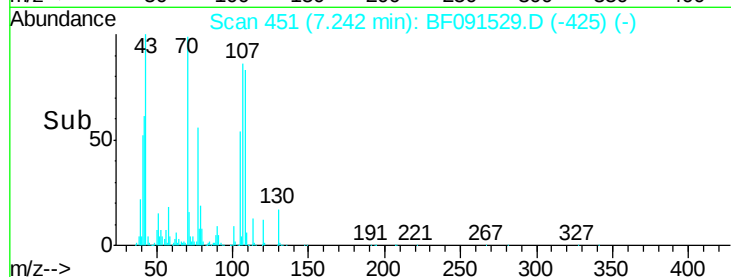
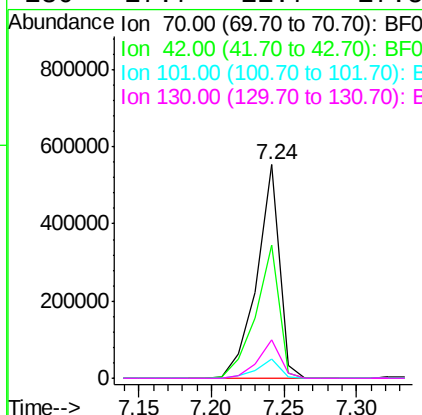
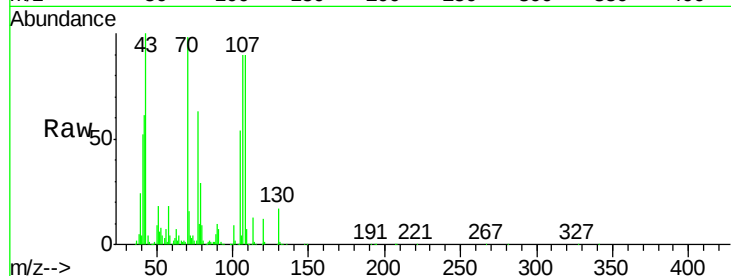




#19
n-Nitroso-di-n-propylamine
Concen: 45.66 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

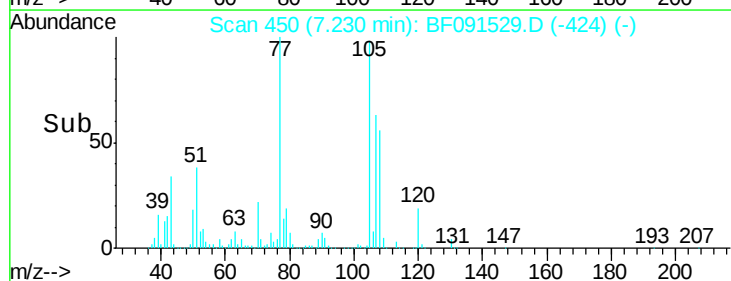
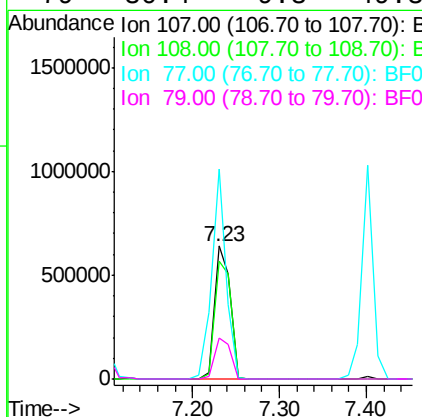
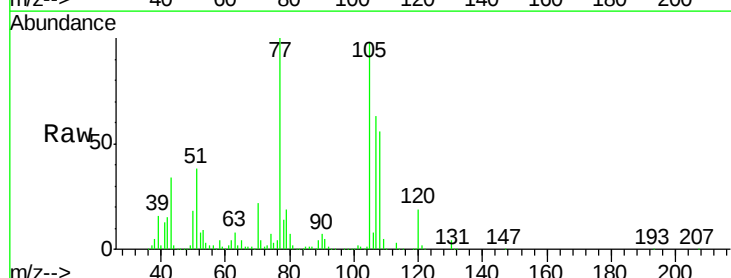
Instrument :
BNA_F
ClientSampleId :

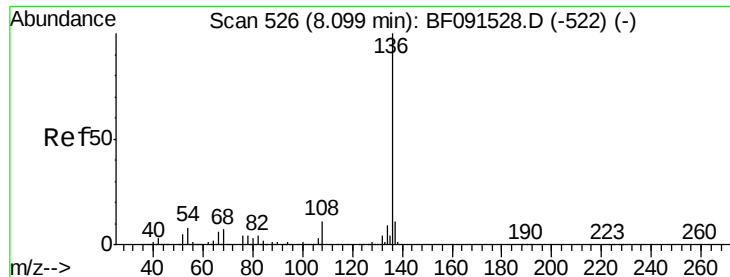
Tot Ion: 70 Resp: 600619
Ion Ratio Lower Upper
70 100
42 62.4 64.8 97.2#
101 9.2 6.2 9.4
130 17.7 11.7 17.5#



#20
3+4-Methylphenols
Concen: 45.45 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

Tgt Ion: 107 Resp: 815649
Ion Ratio Lower Upper
107 100
108 88.3 64.6 104.6
77 157.7 30.9 70.9#
79 30.4 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1048866

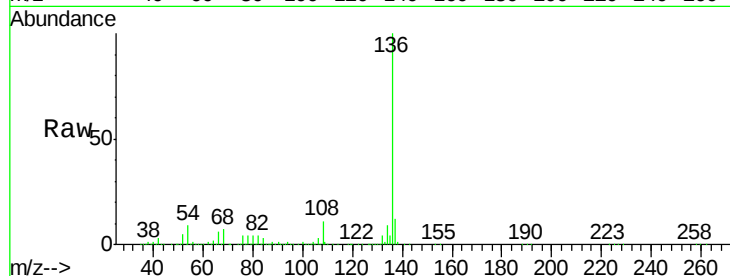
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 9.3 9.1 13.7

68 6.8 5.9 8.9

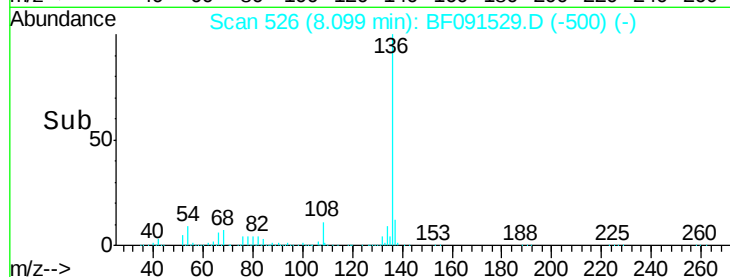


Abundance Ion 136.00 (135.70 to 136.70): E

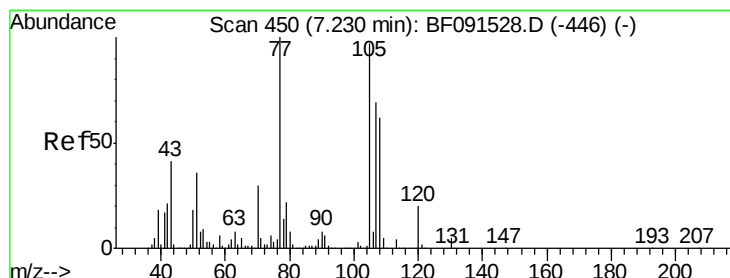
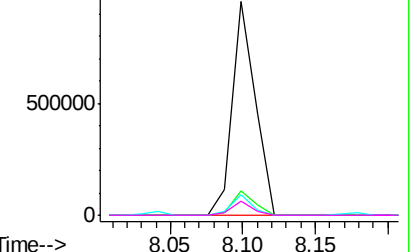
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 46.86 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Tgt Ion:105 Resp: 1164997

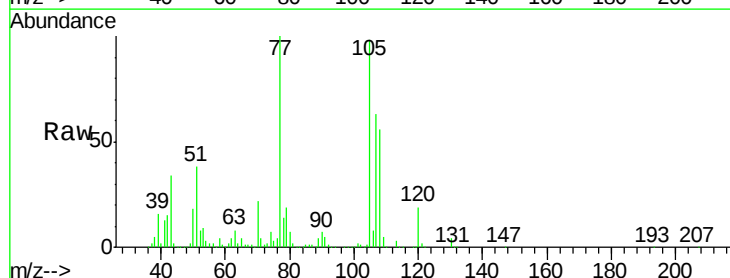
Ion Ratio Lower Upper

105 100

71 3.6 7.9 11.9#

51 39.3 24.5 36.7#

120 19.8 16.6 24.8

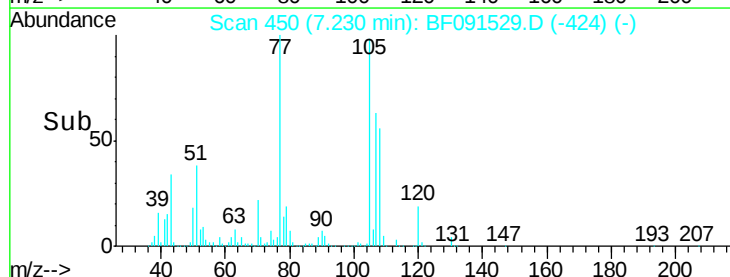


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

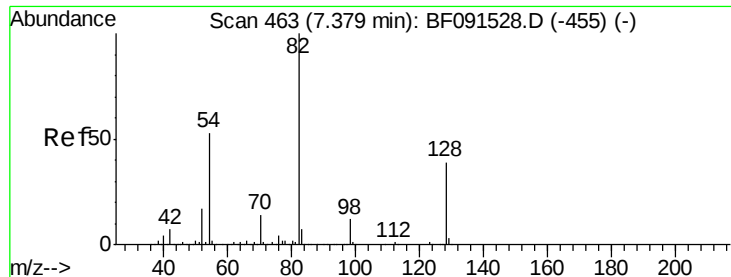
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

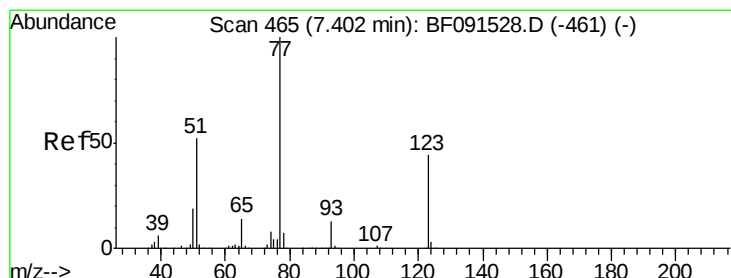
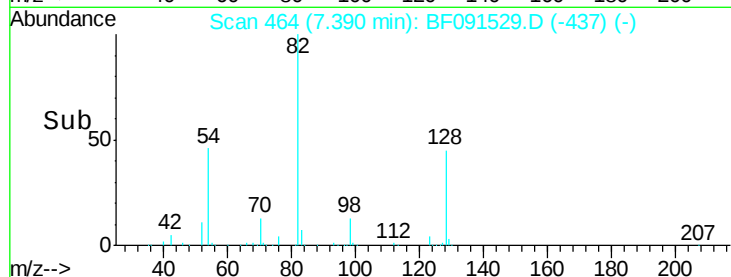
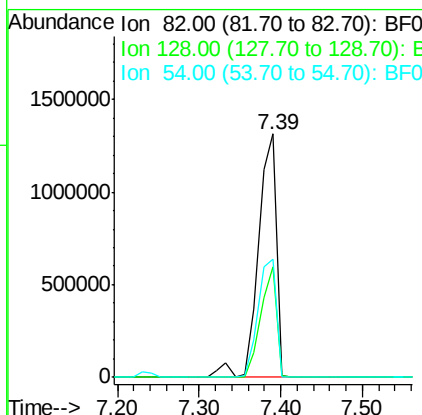
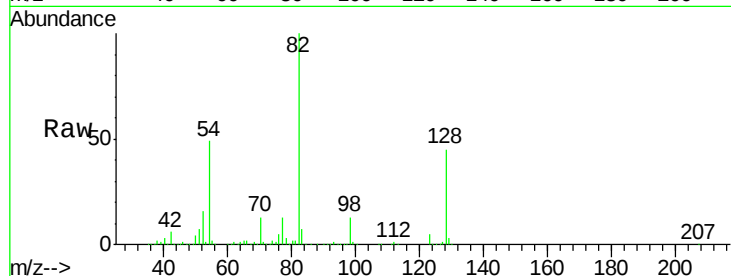




#23
Nitrobenzene-d5
Concen: 107.99 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.01 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

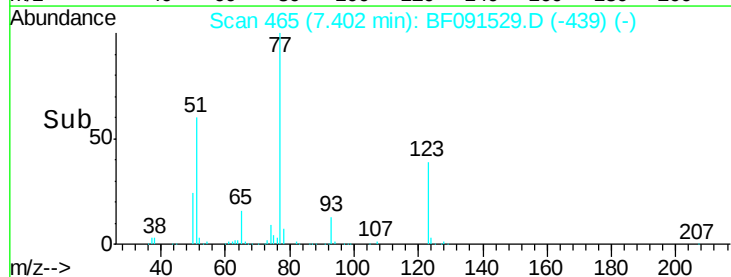
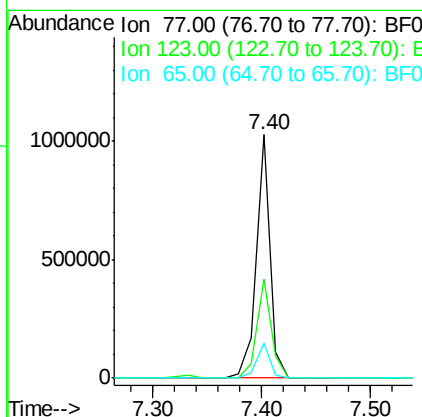
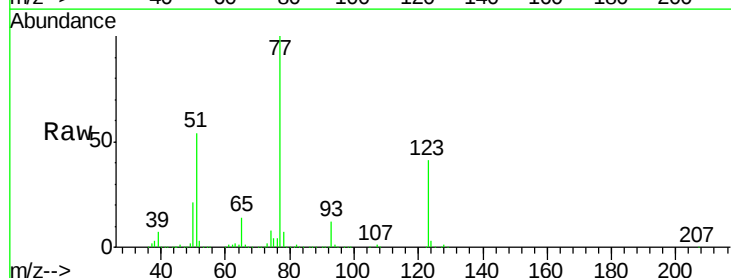
Instrument :
BNA_F
ClientSampleId :

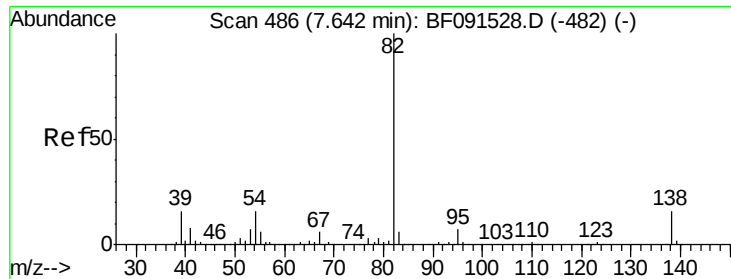
Tot Ion: 82 Resp: 2021231
Ion Ratio Lower Upper
82 100
128 45.3 31.8 47.6
54 48.5 49.1 73.7#



#24
Nitrobenzene
Concen: 47.52 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

Tgt Ion: 77 Resp: 910544
Ion Ratio Lower Upper
77 100
123 40.5 28.5 42.7
65 14.2 12.5 18.7

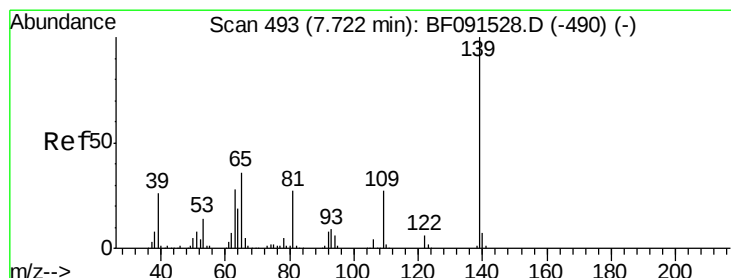
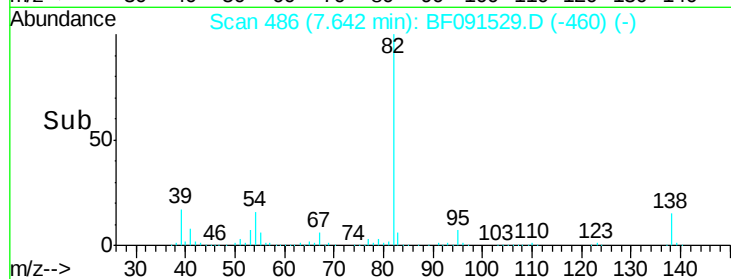
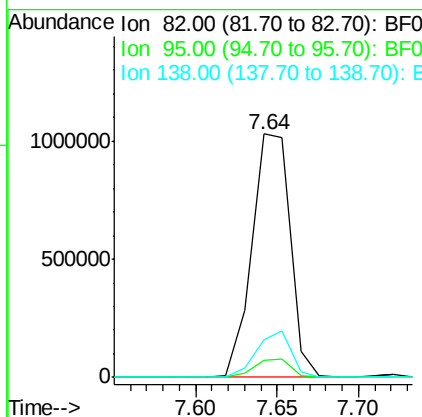
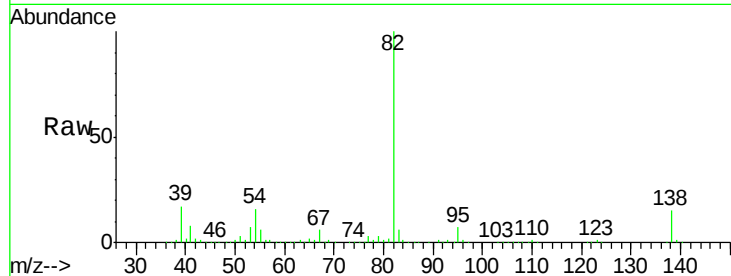




#25
Isophorone
Concen: 50.77 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

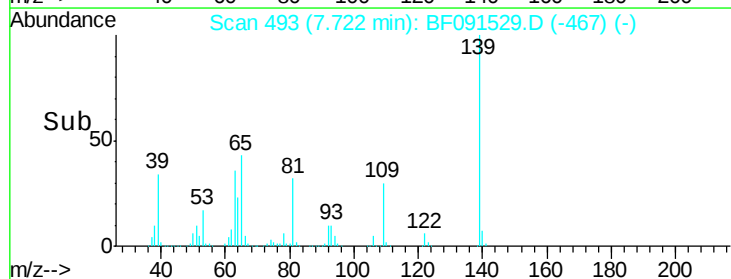
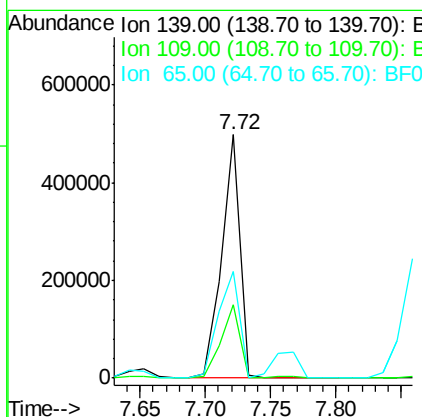
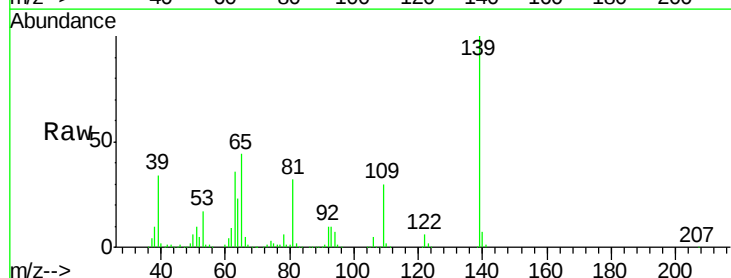
Instrument :
BNA_F
ClientSampleId :

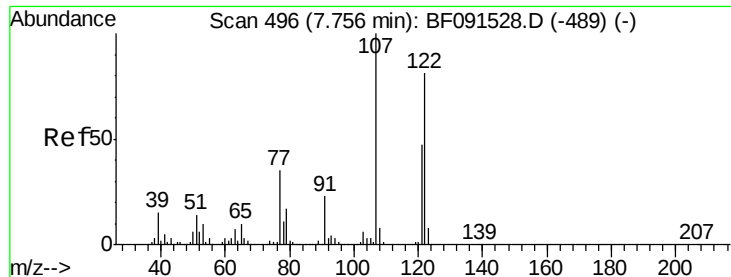
Tot Ion: 82 Resp: 1683601
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 15.2 13.4 20.0



#26
2-Nitrophenol
Concen: 56.10 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

Tgt Ion: 139 Resp: 489906
Ion Ratio Lower Upper
139 100
109 29.9 25.3 37.9
65 43.6 55.4 83.2#





#27

2,4-Dimethylphenol

Concen: 49.25 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampleId :

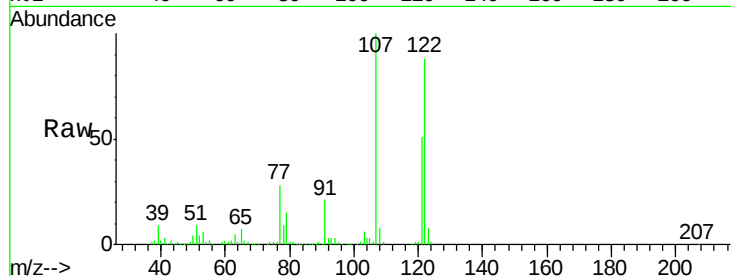
Tot Ion:122 Resp: 804587

Ion Ratio Lower Upper

122 100

107 113.8 96.8 145.2

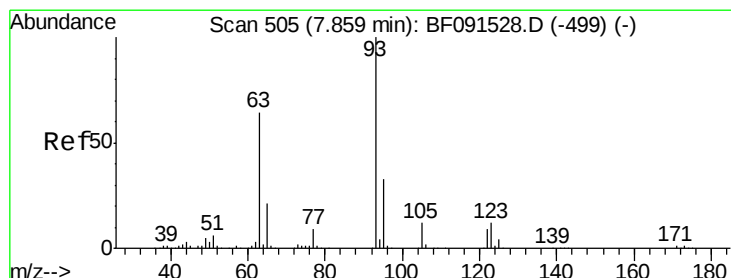
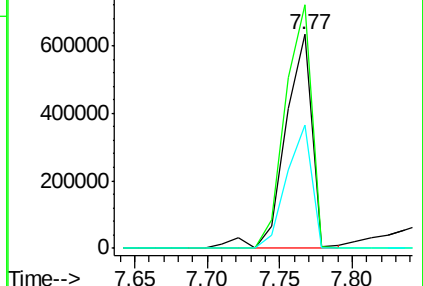
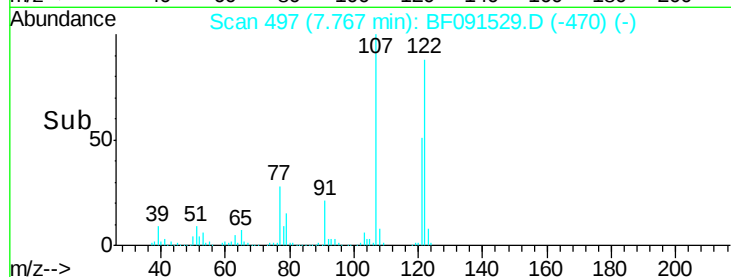
121 57.8 47.7 71.5



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: 51.21 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

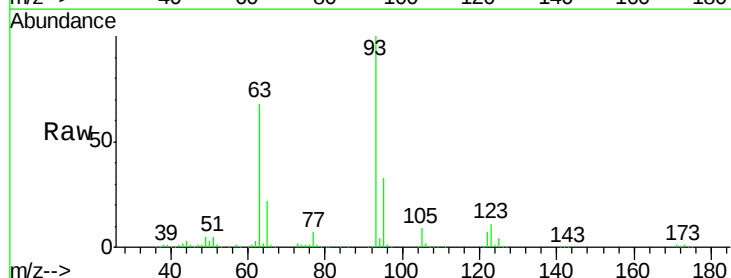
Tgt Ion: 93 Resp: 1022104

Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

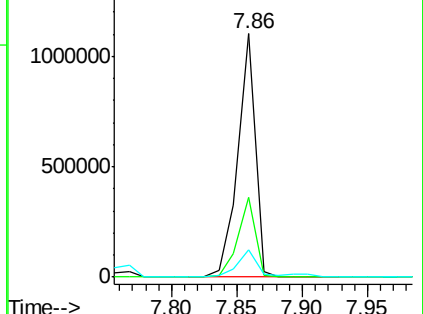
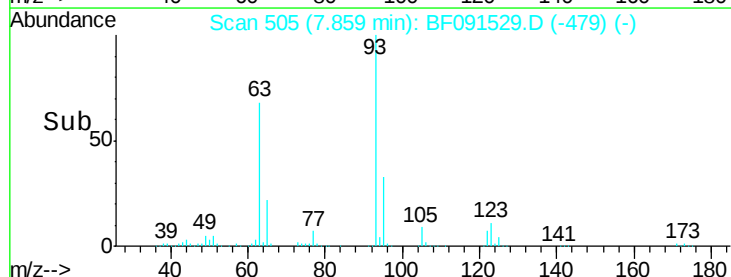
123 11.3 8.6 12.8

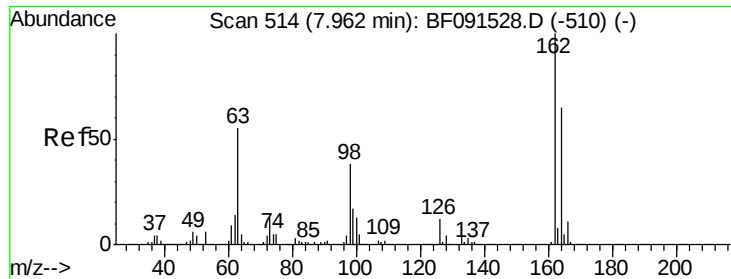


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

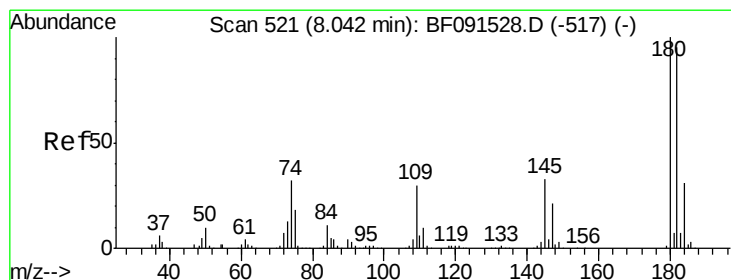
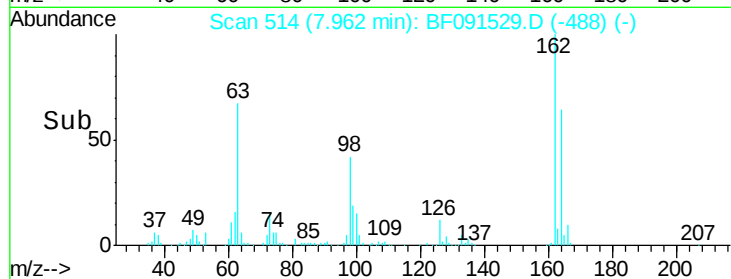
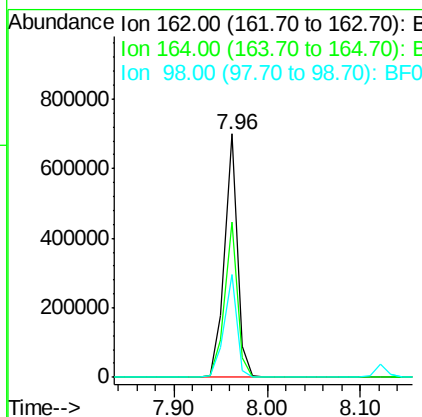
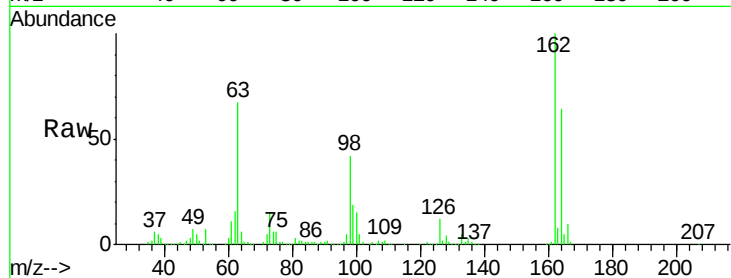




#29
2,4-Dichlorophenol
Concen: 46.93 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

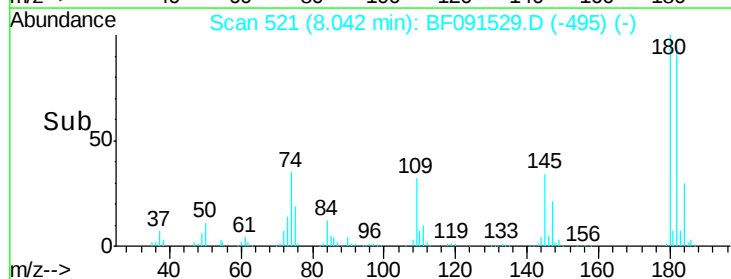
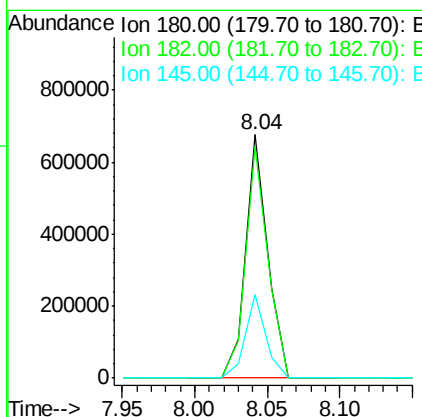
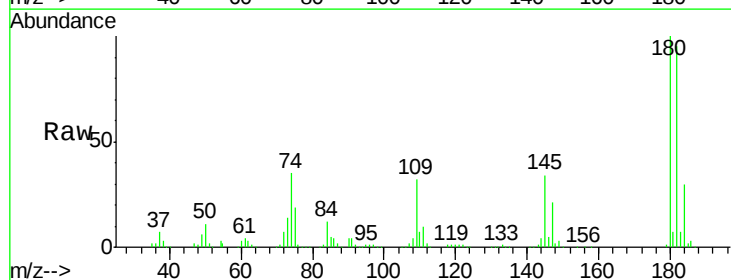
Instrument :
BNA_F
ClientSampleId :

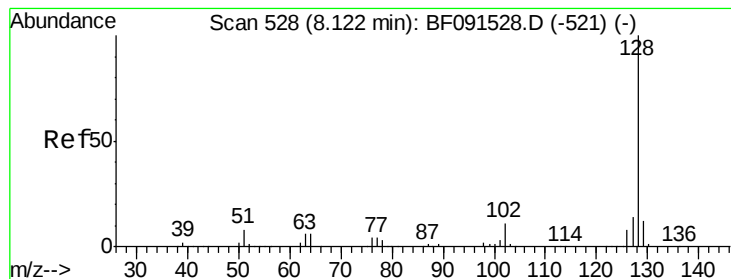
Tot Ion:162 Resp: 674441
Ion Ratio Lower Upper
162 100
164 63.7 45.0 85.0
98 42.2 21.3 61.3



#30
1,2,4-Trichlorobenzene
Concen: 44.07 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

Tgt Ion:180 Resp: 710087
Ion Ratio Lower Upper
180 100
182 95.3 75.8 113.8
145 34.1 27.0 40.4





#31

Naphthalene

Concen: 44.09 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampled :

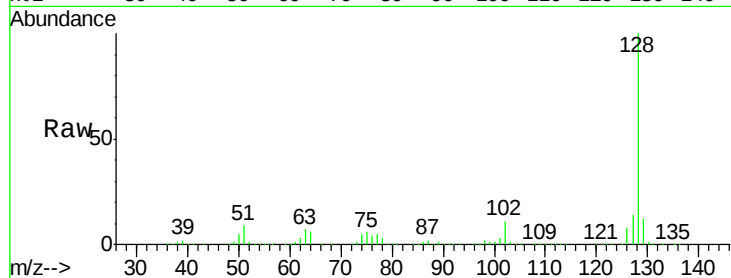
Tot Ion:128 Resp: 2197895

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

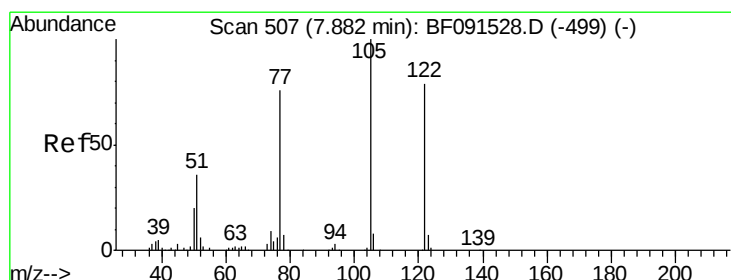
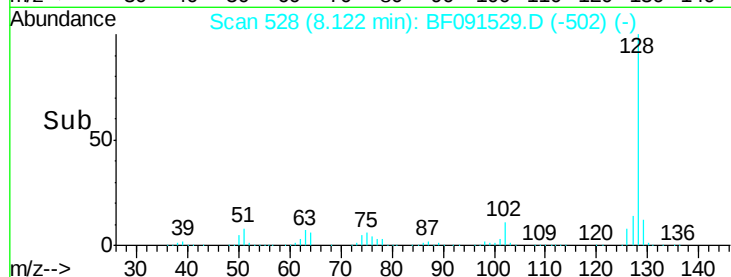
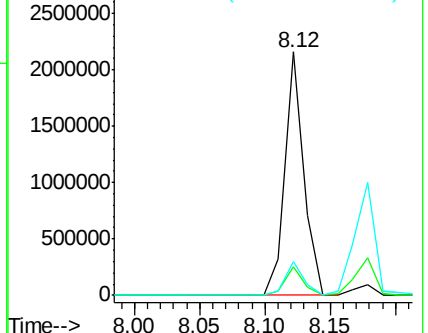
127 14.0 11.0 16.4



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: 49.00 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.01 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

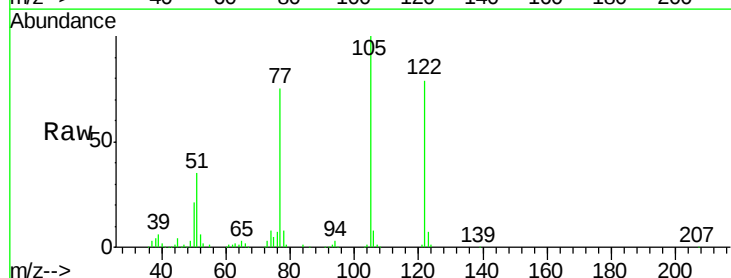
Tgt Ion:122 Resp: 590001

Ion Ratio Lower Upper

122 100

105 125.9 113.0 153.0

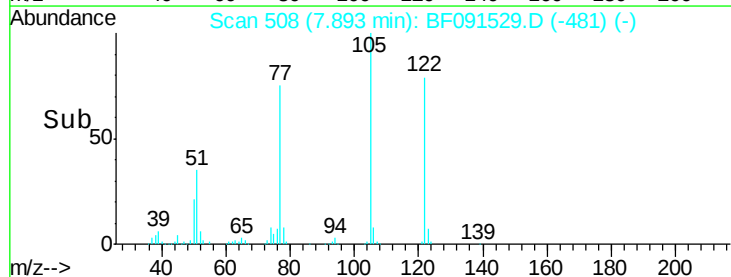
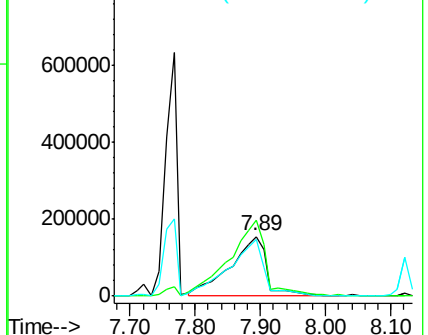
77 94.1 82.0 122.0

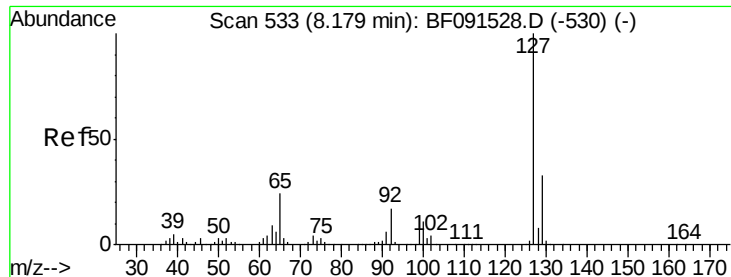


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

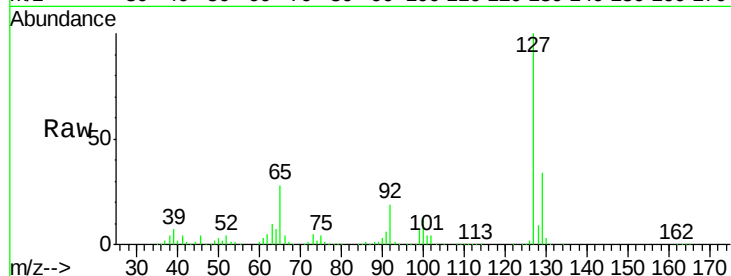




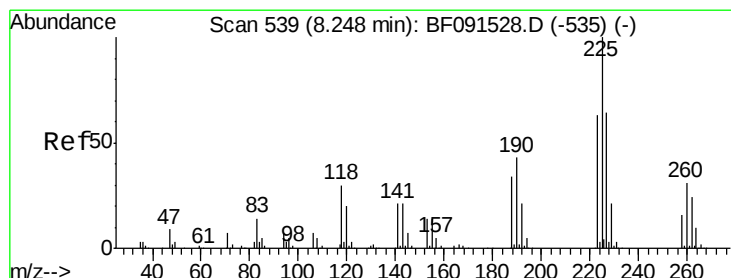
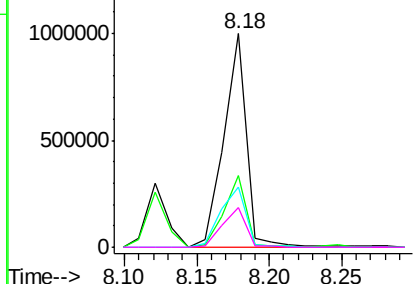
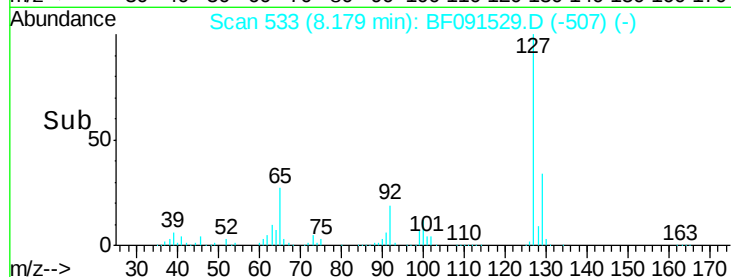
#33
4-Chloroaniline
Concen: 50.56 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1077500
Ion Ratio Lower Upper
127 100
129 33.8 26.2 39.4
65 28.0 26.6 39.8
92 18.6 15.4 23.0

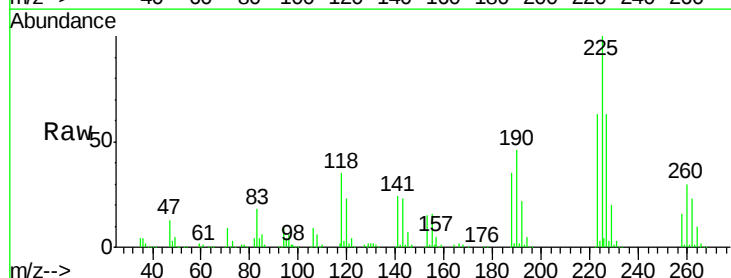


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

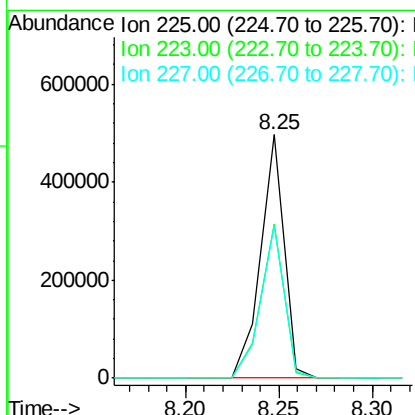
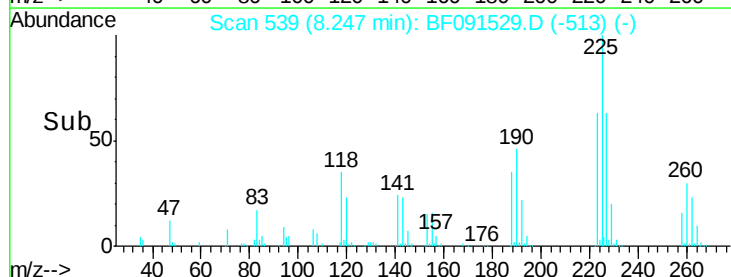


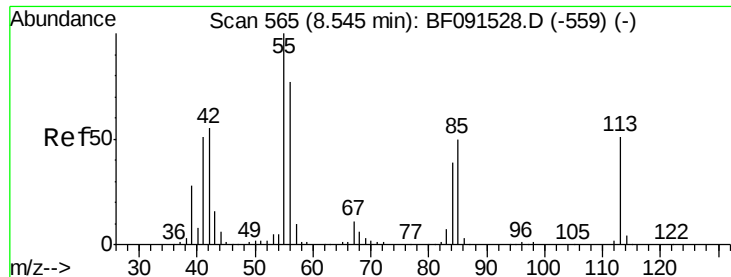
#34
Hexachlorobutadiene
Concen: 43.66 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

Tgt Ion:225 Resp: 432540
Ion Ratio Lower Upper
225 100
223 63.3 49.8 74.6
227 62.9 52.6 79.0



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

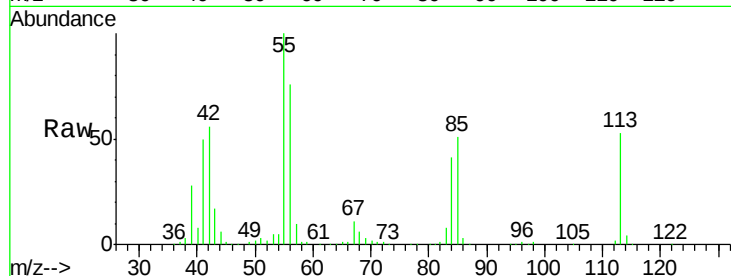




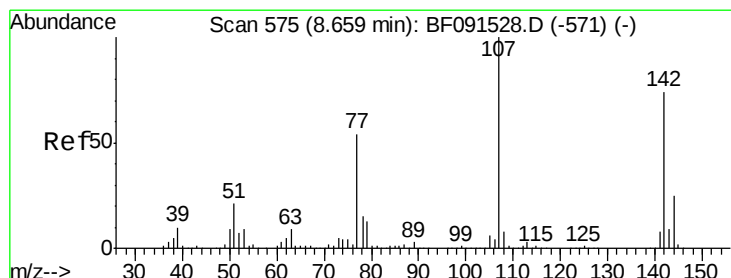
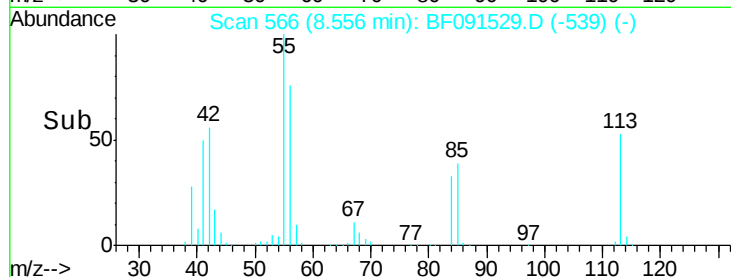
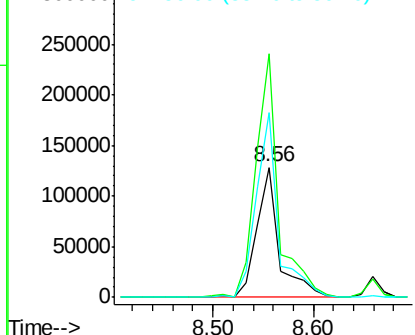
#35
Caprolactam
Concen: 47.77 ng
RT: 8.56 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 197294
Ion Ratio Lower Upper
113 100
55 187.5 239.8 279.8#
56 142.5 165.6 205.6#

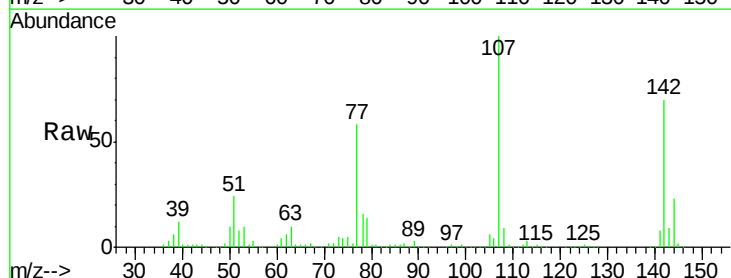


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

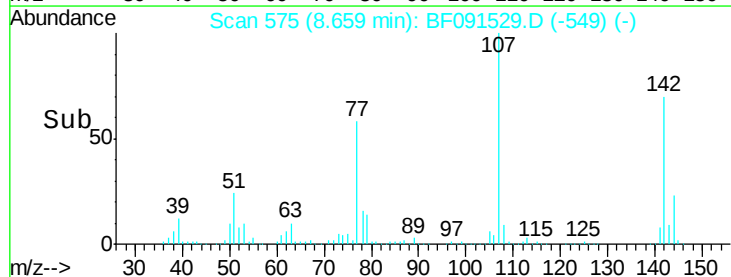
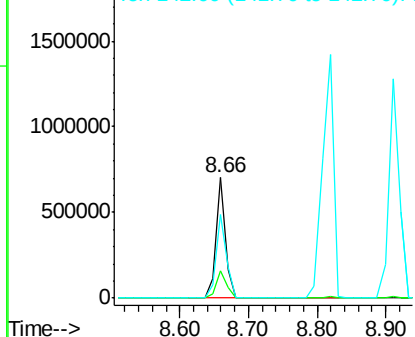


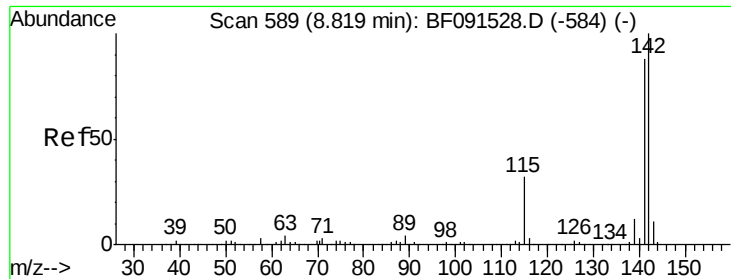
#36
4-Chloro-3-methylphenol
Concen: 44.52 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

Tgt Ion:107 Resp: 690702
Ion Ratio Lower Upper
107 100
144 22.9 18.9 28.3
142 69.6 58.5 87.7



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

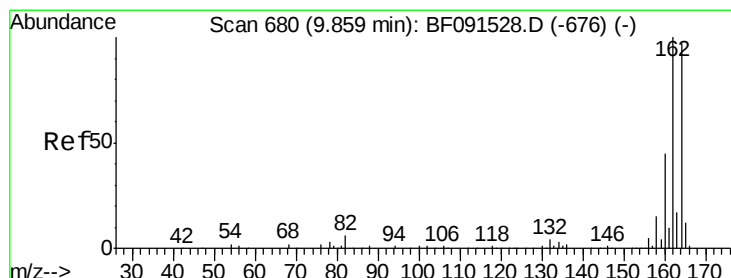
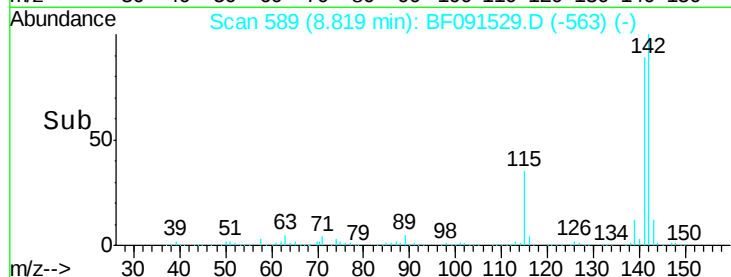
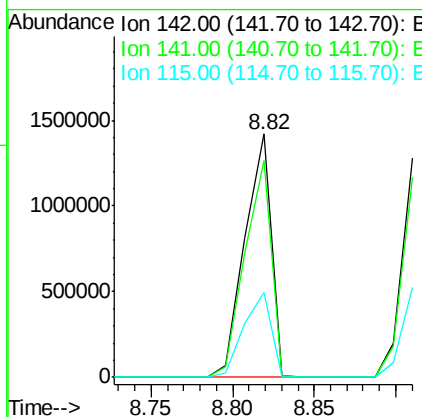
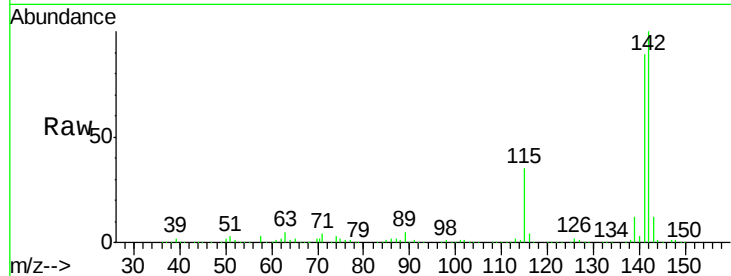




#37
2-Methylnaphthalene
Concen: 46.95 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

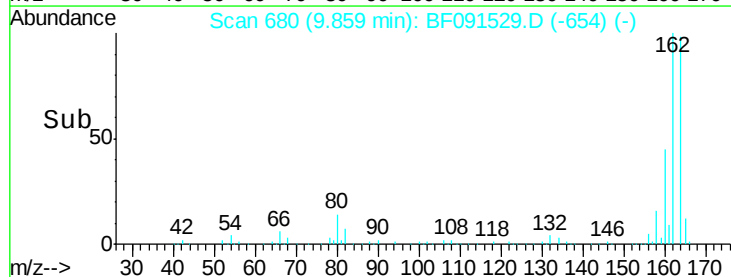
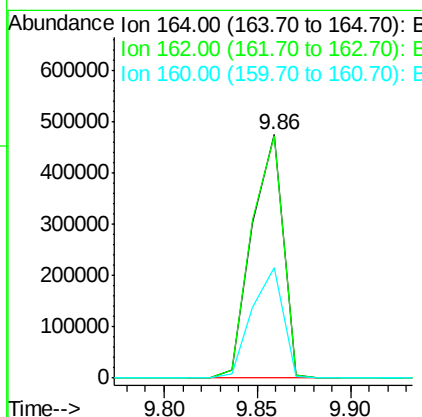
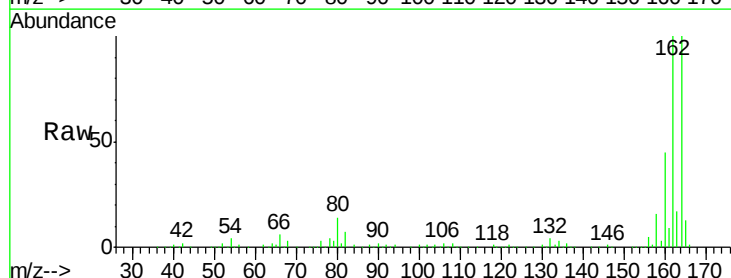
Instrument :
BNA_F
ClientSampleId :

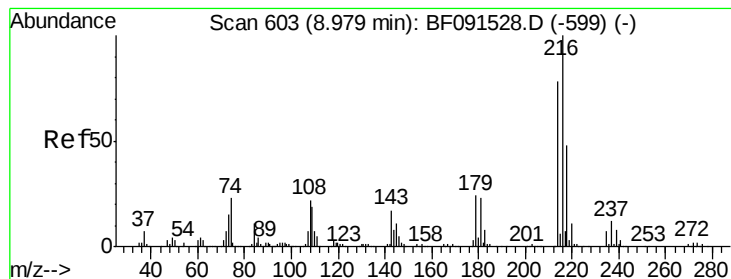
Tot Ion:142 Resp: 1590002
Ion Ratio Lower Upper
142 100
141 88.9 71.7 107.5
115 34.6 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

Tgt Ion:164 Resp: 548195
Ion Ratio Lower Upper
164 100
162 99.7 82.6 124.0
160 45.1 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.36 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 608225

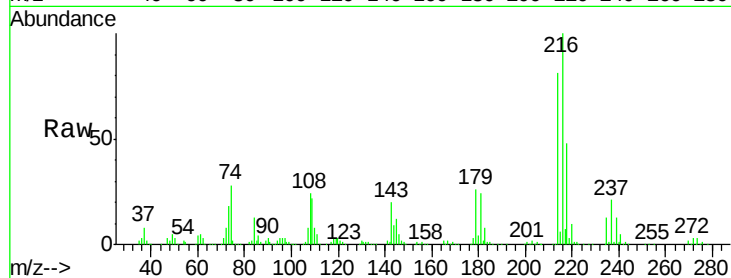
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.8

179 24.1 18.2 27.2

108 23.9 17.2 25.8

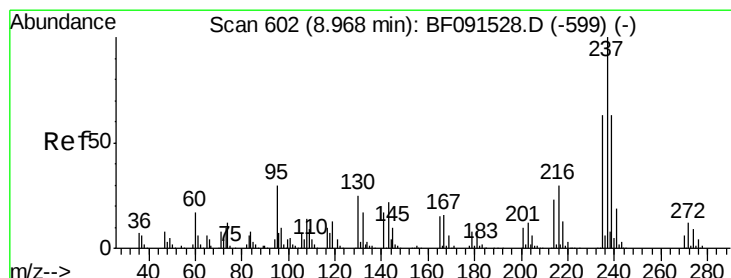
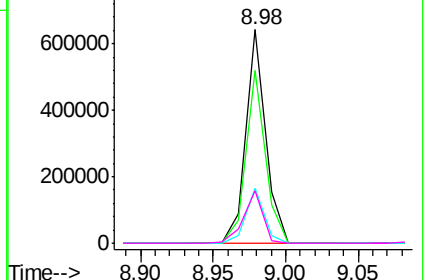
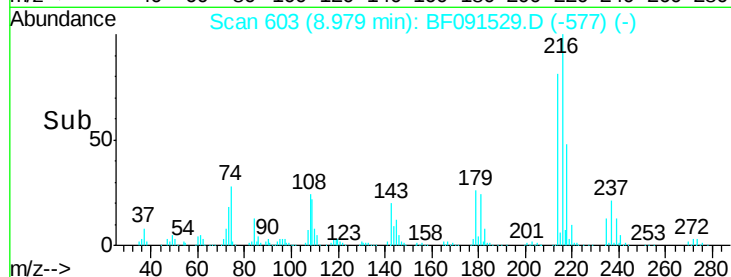


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.73 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

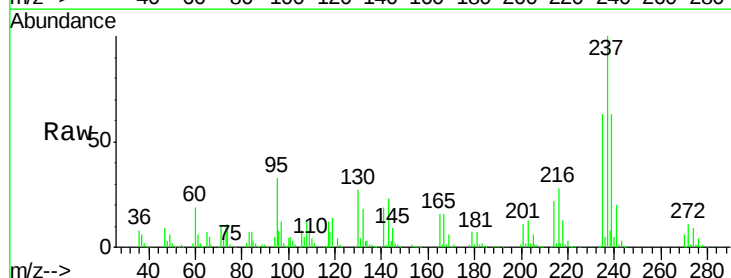
Tgt Ion:237 Resp: 327592

Ion Ratio Lower Upper

237 100

235 63.3 43.9 83.9

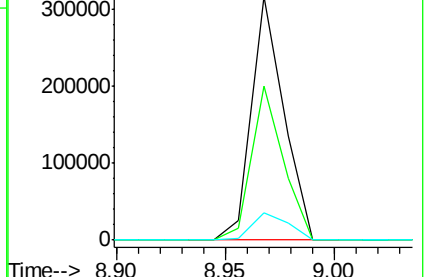
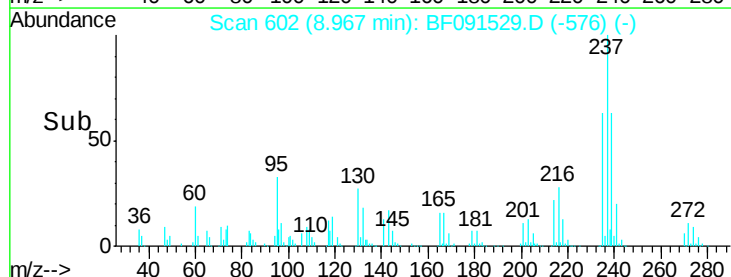
272 11.5 0.0 33.1

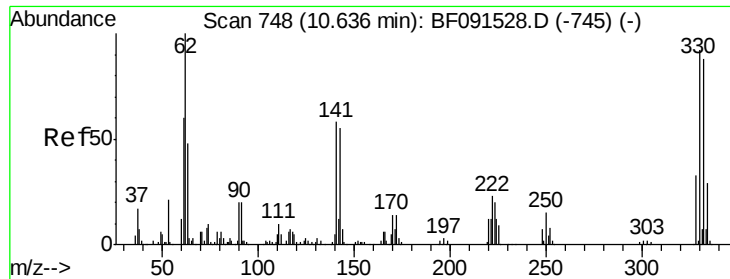


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

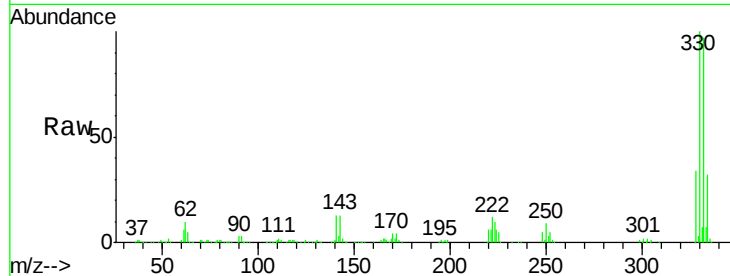




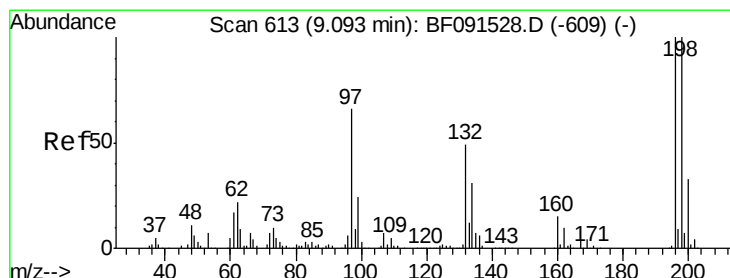
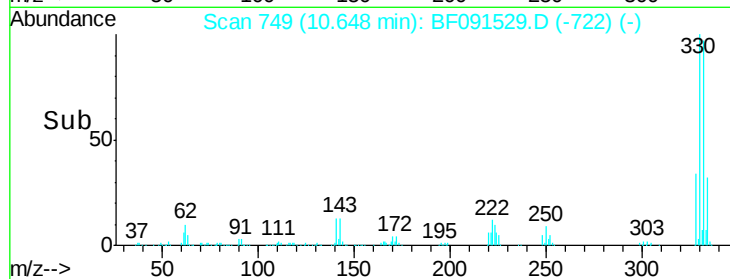
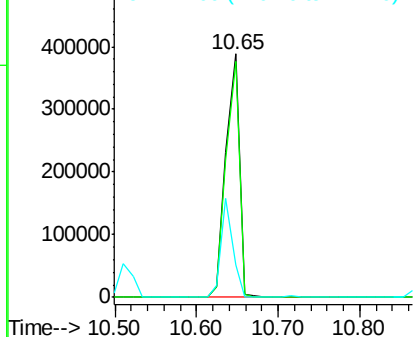
#41
 2,4,6-Tribromophenol
 Concen: 85.70 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091529.D
 Acq: 9 Dec 2016 15:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 444771
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.2 114.4
 141 35.7 33.6 50.4

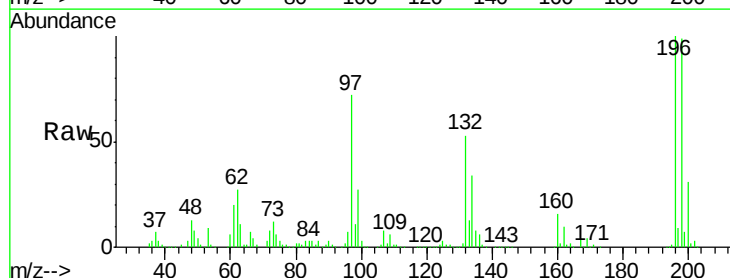


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

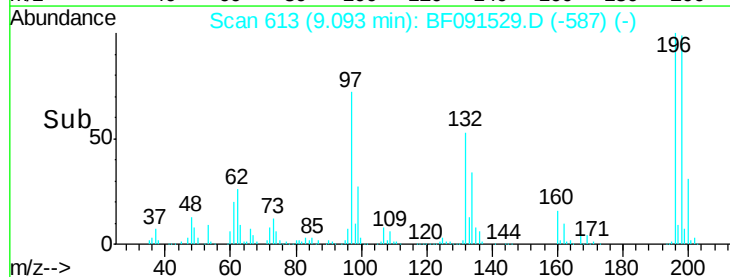
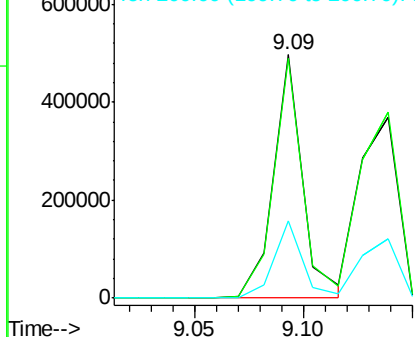


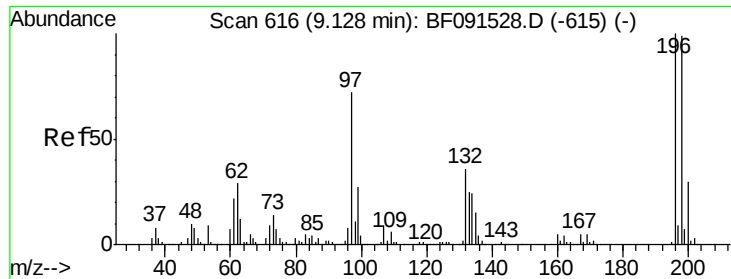
#42
 2,4,6-Trichlorophenol
 Concen: 46.65 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF091529.D
 Acq: 9 Dec 2016 15:44

Tgt Ion:196 Resp: 468524
 Ion Ratio Lower Upper
 196 100
 198 98.6 77.4 116.0
 200 31.5 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

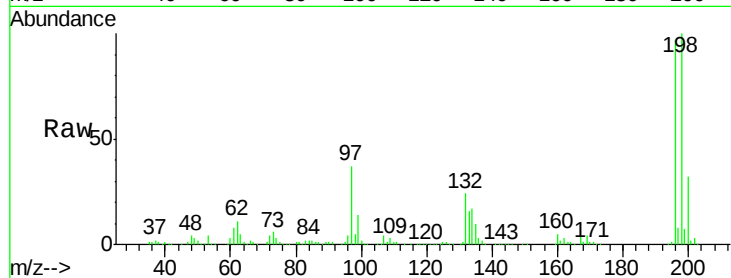




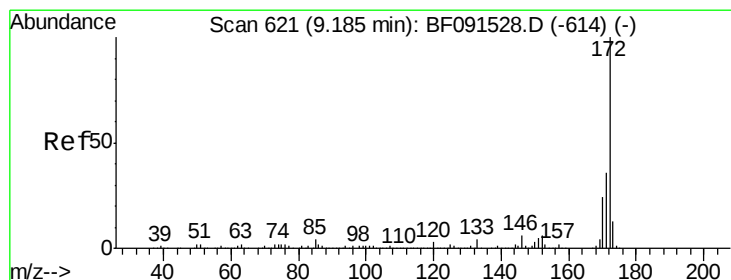
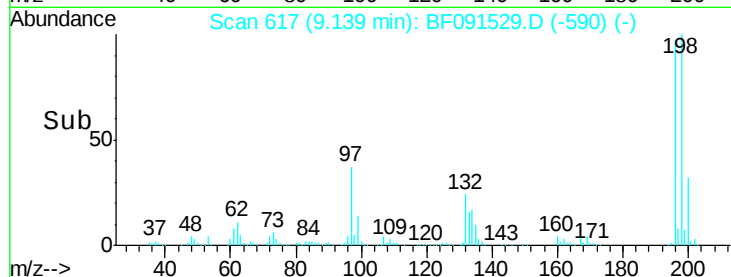
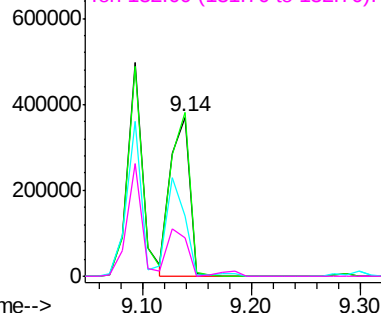
#43
 2,4,5-Trichlorophenol
 Concen: 45.47 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091529.D
 Acq: 9 Dec 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 457720
 Ion Ratio Lower Upper
 196 100
 198 103.0 77.0 115.6
 97 38.2 33.5 50.3
 132 24.5 20.5 30.7

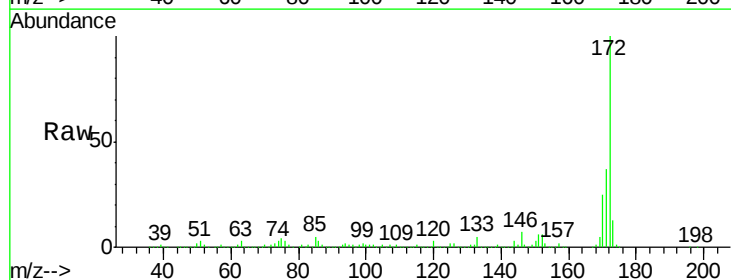


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

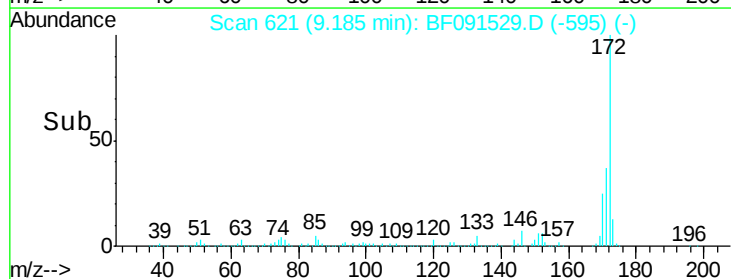
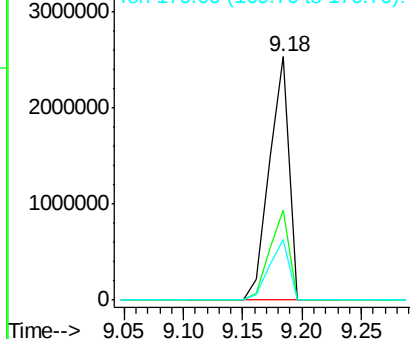


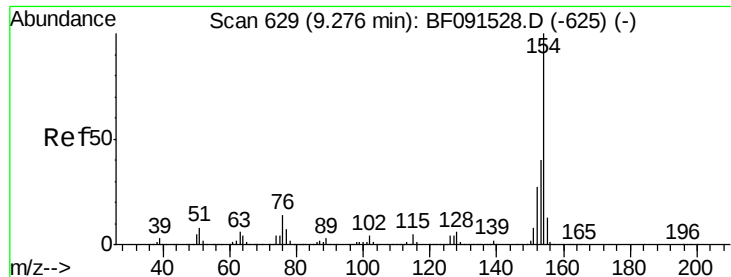
#44
 2-Fluorobiphenyl
 Concen: 97.02 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF091529.D
 Acq: 9 Dec 2016 15:44

Tgt Ion:172 Resp: 2937509
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 25.1 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: 44.54 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampleId :

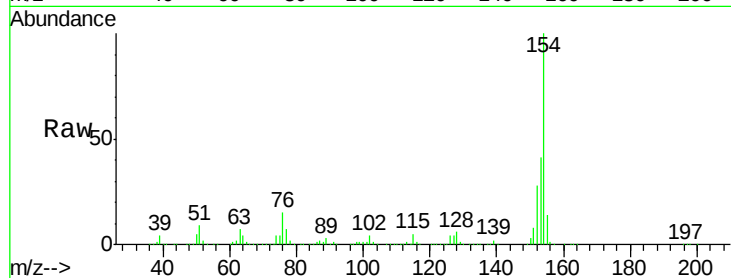
Tot Ion:154 Resp: 1755816

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

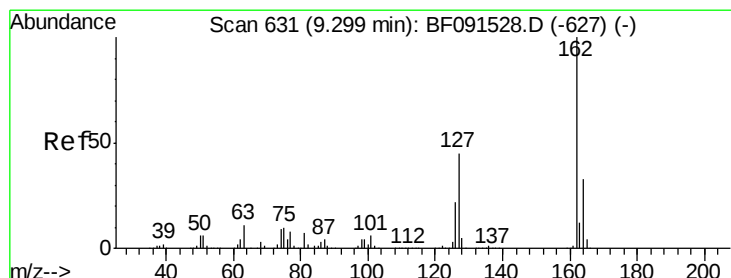
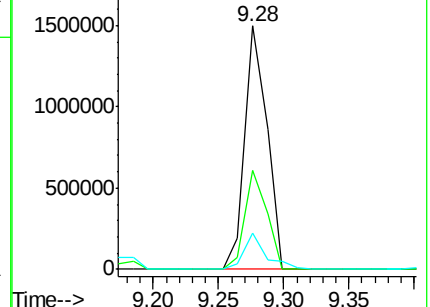
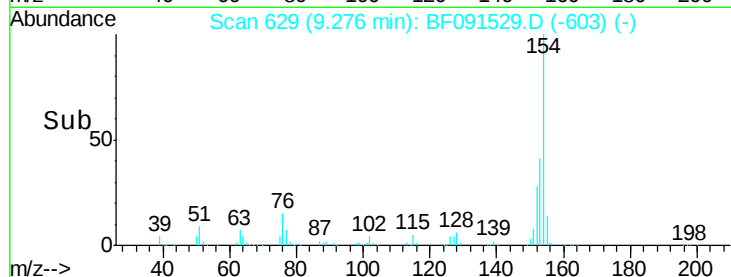
76 15.0 0.0 36.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.03 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

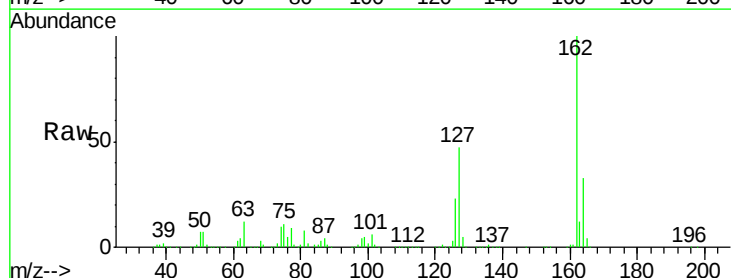
Tgt Ion:162 Resp: 1321785

Ion Ratio Lower Upper

162 100

127 47.3 34.3 51.5

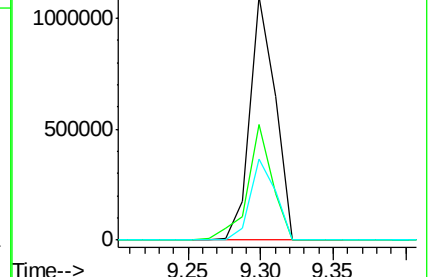
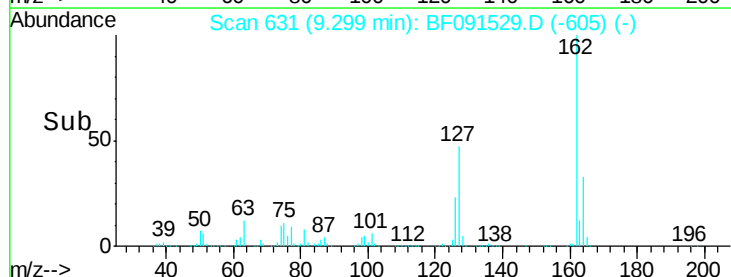
164 33.3 26.6 40.0

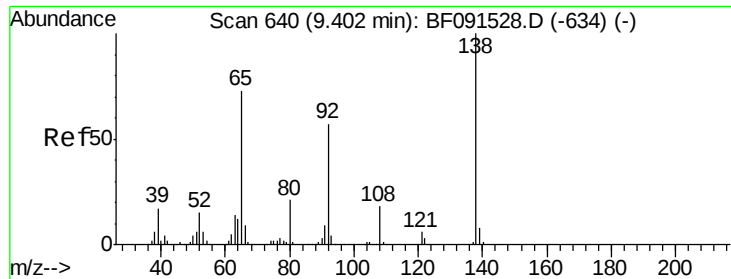


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

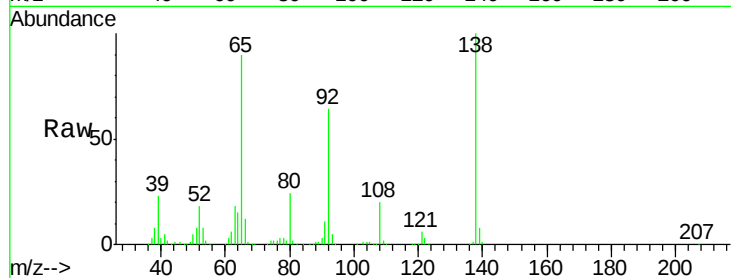




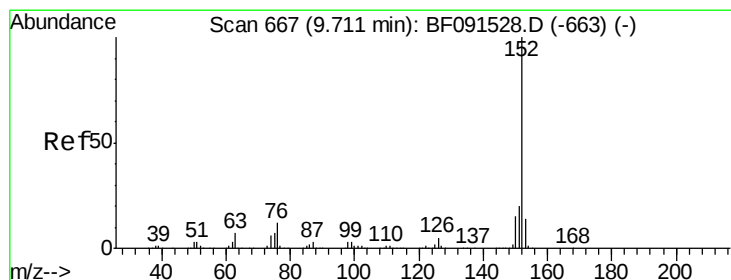
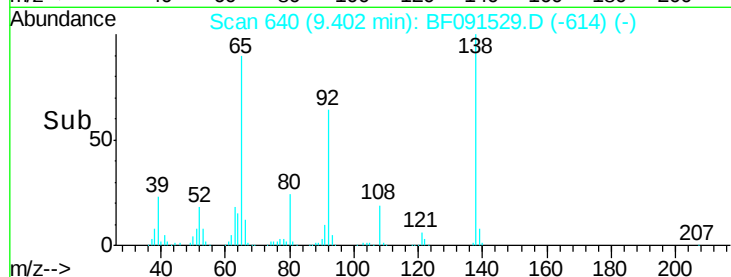
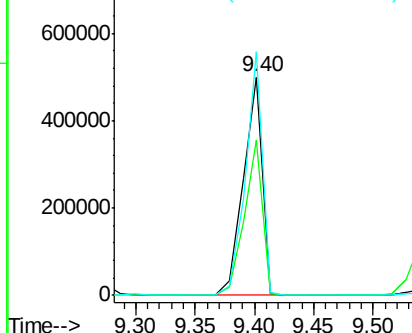
#47
2-Nitroaniline
Concen: 52.52 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 553804
Ion Ratio Lower Upper
65 100
92 71.4 53.6 80.4
138 111.5 91.0 136.6

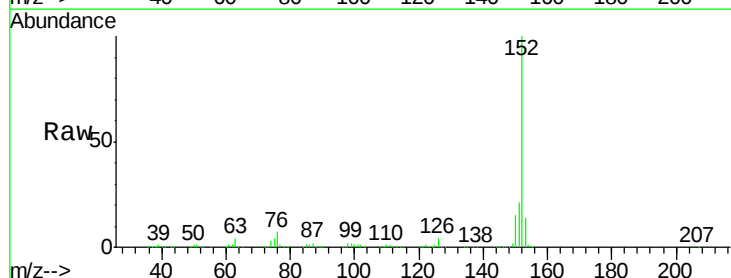


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

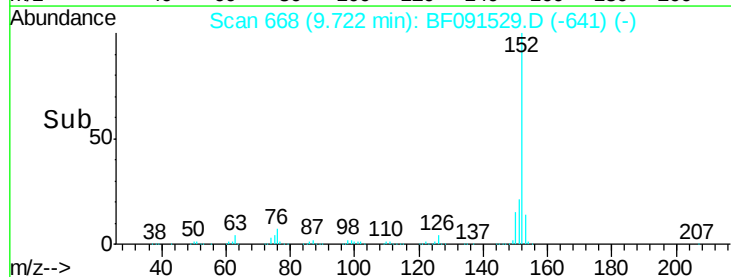
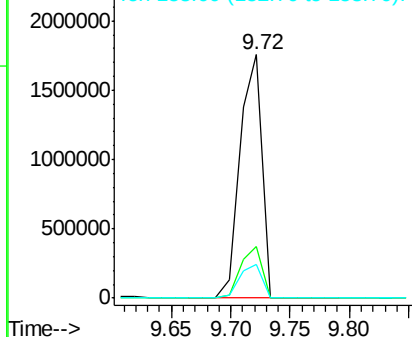


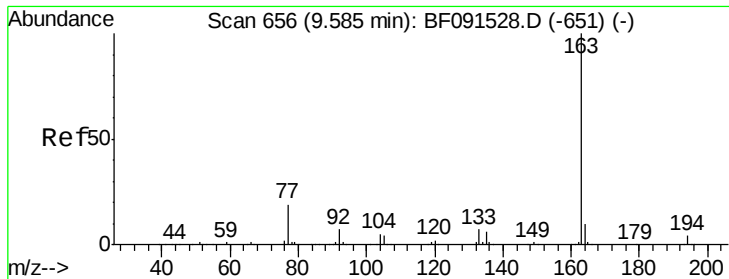
#48
Acenaphthylene
Concen: 48.77 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

Tgt Ion:152 Resp: 2253747
Ion Ratio Lower Upper
152 100
151 21.0 16.6 24.8
153 13.7 10.7 16.1



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

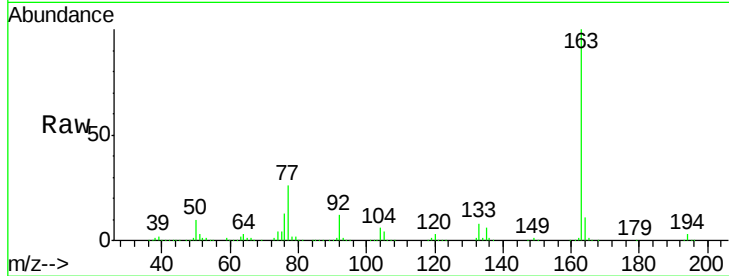




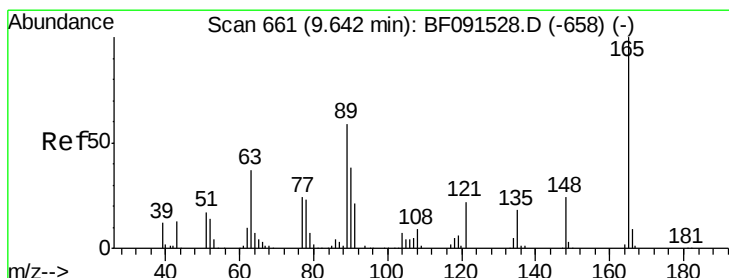
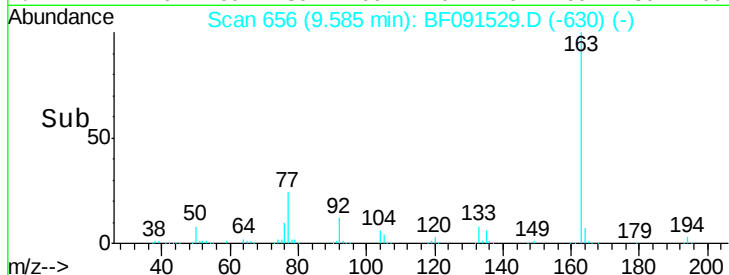
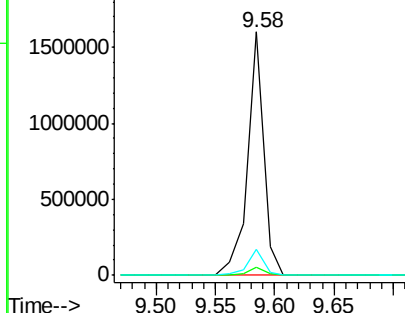
#49
Dimethylphthalate
Concen: 45.74 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1518275
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.8 7.8 11.8

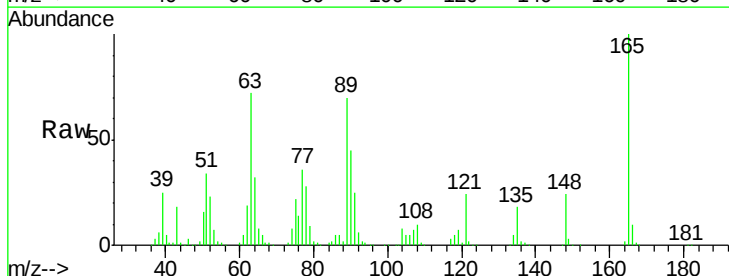


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

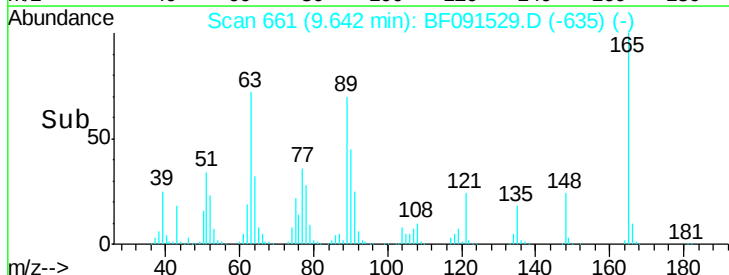
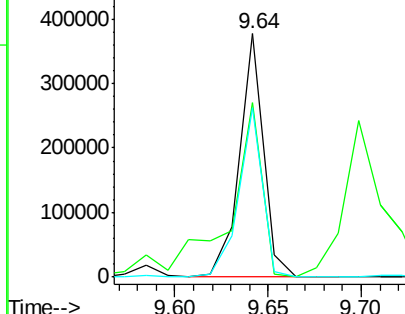


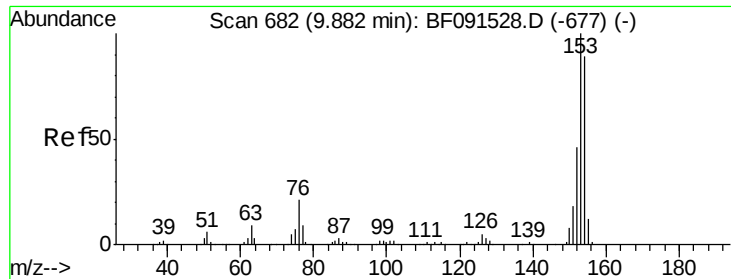
#50
2,6-Dinitrotoluene
Concen: 45.80 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

Tgt Ion:165 Resp: 339756
Ion Ratio Lower Upper
165 100
63 71.8 59.4 89.0
89 69.5 50.8 76.2



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





#51

Acenaphthene

Concen: 50.29 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampleId :

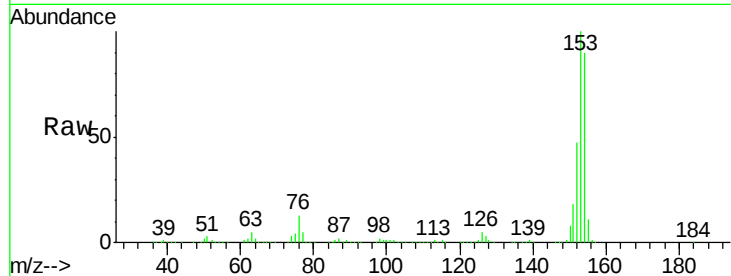
Tot Ion:154 Resp: 1567437

Ion Ratio Lower Upper

154 100

153 111.2 91.0 136.6

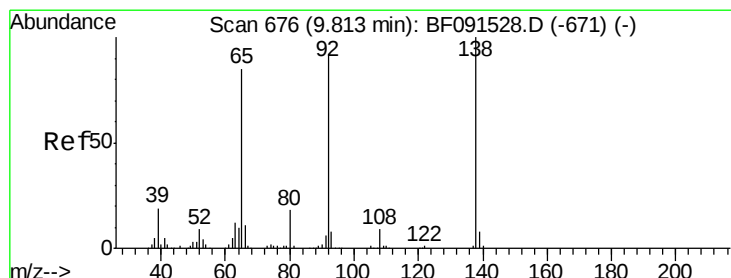
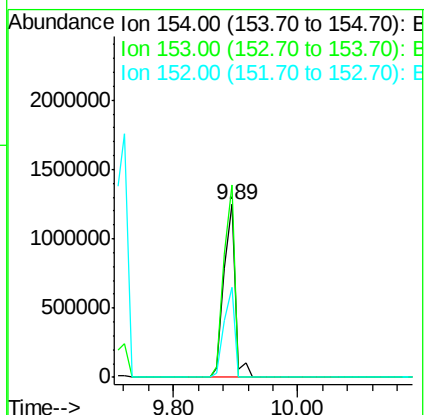
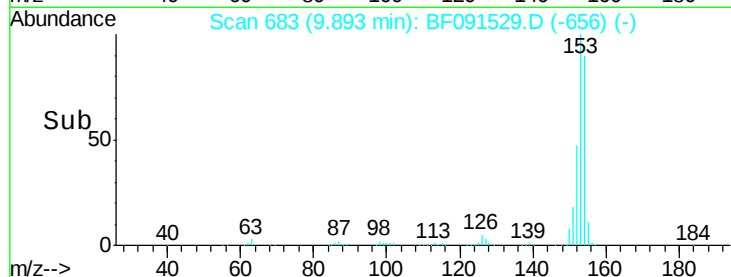
152 51.7 44.2 66.2



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: 53.55 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

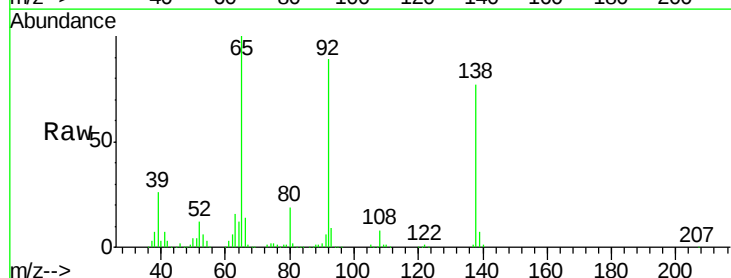
Tgt Ion:138 Resp: 459816

Ion Ratio Lower Upper

138 100

108 10.3 8.1 12.1

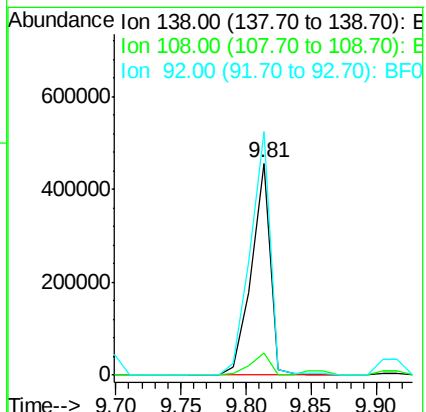
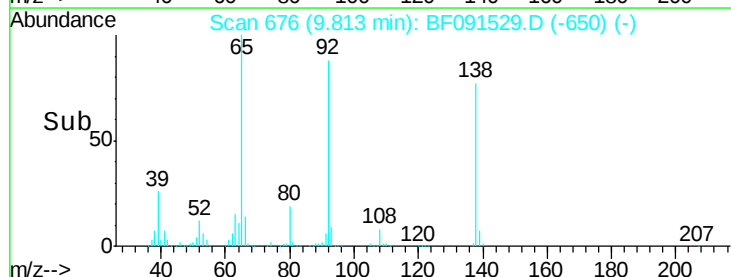
92 114.9 92.5 138.7

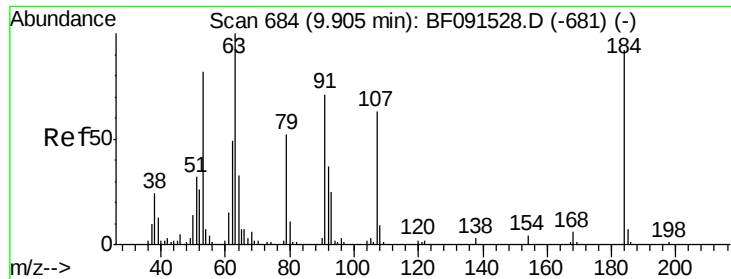


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

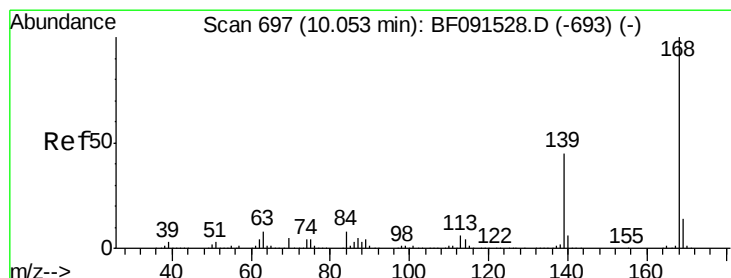
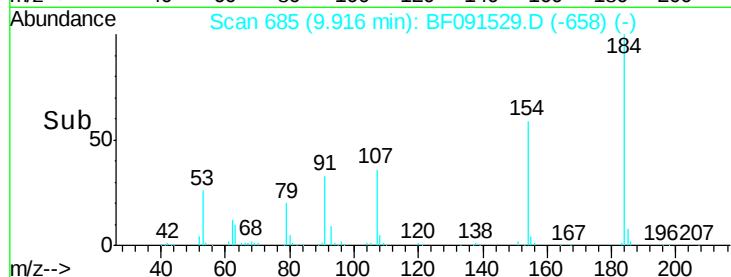
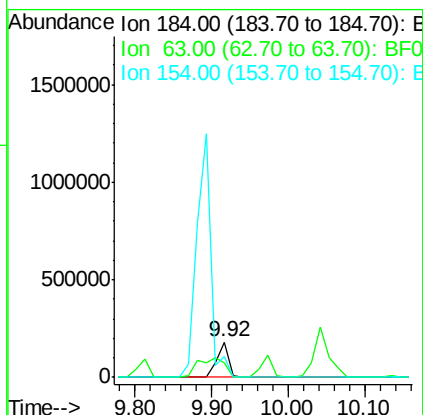
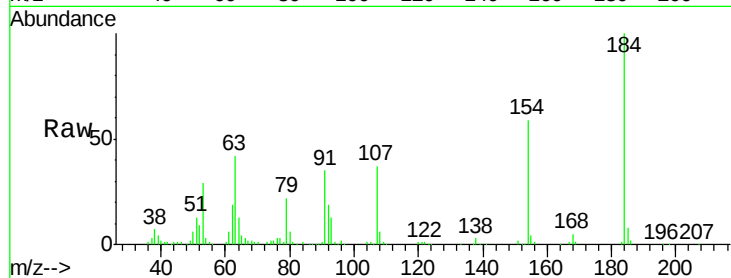




#53
2,4-Dinitrophenol
Concen: 58.39 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

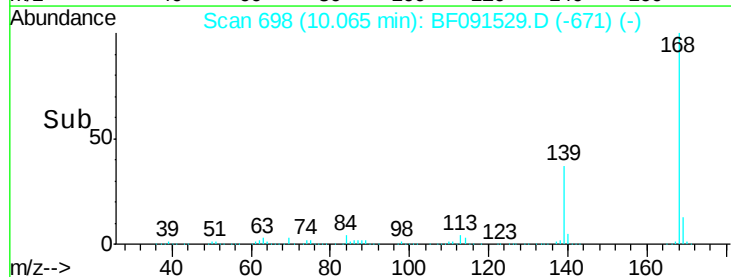
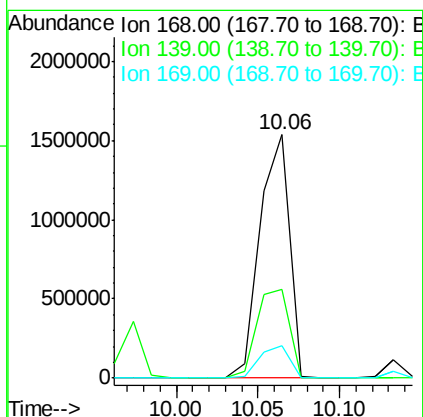
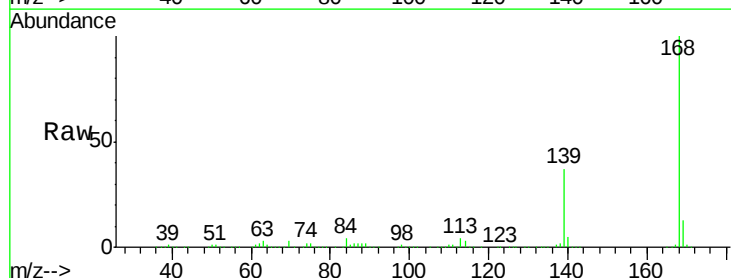
Instrument :
BNA_F
ClientSampled :

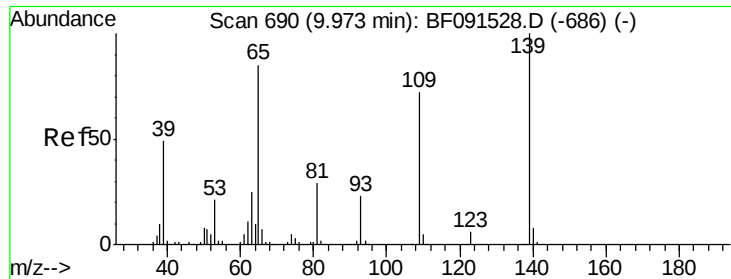
Tot Ion:184 Resp: 189437
Ion Ratio Lower Upper
184 100
63 41.5 58.3 87.5#
154 59.2 48.6 73.0



#54
Dibenzofuran
Concen: 46.33 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

Tgt Ion:168 Resp: 1933457
Ion Ratio Lower Upper
168 100
139 36.6 33.4 50.2
169 13.4 11.1 16.7

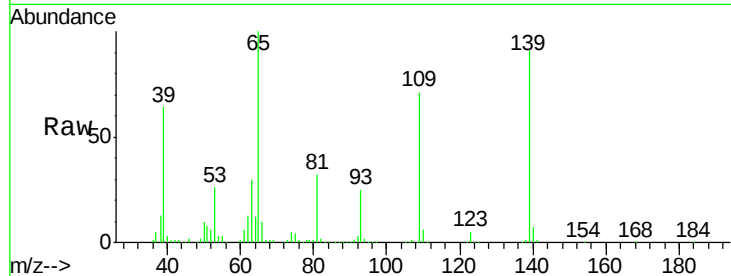




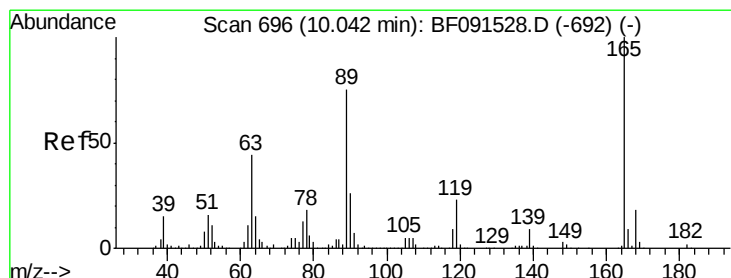
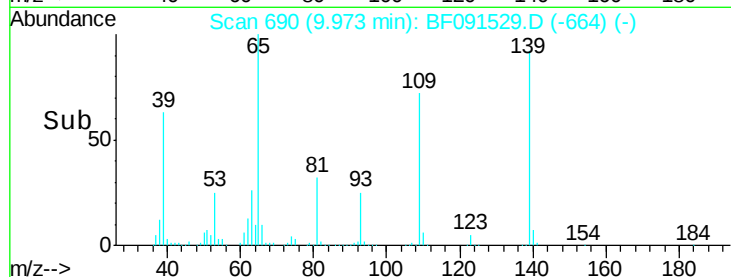
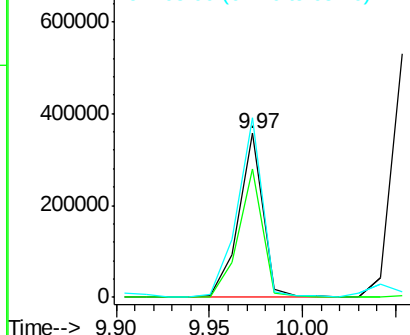
#55
4-Nitrophenol
Concen: 52.95 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 328389
Ion Ratio Lower Upper
139 100
109 78.2 54.9 94.9
65 109.5 102.2 142.2

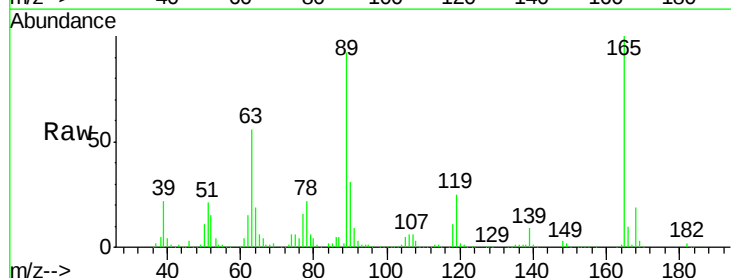


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

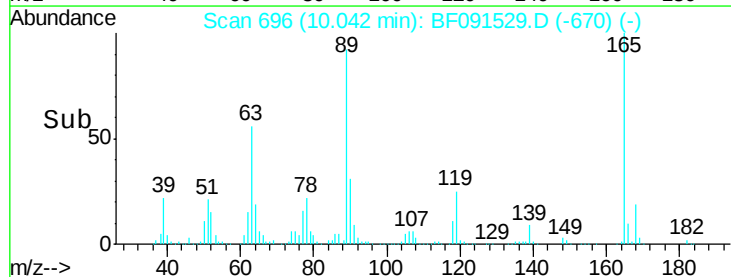
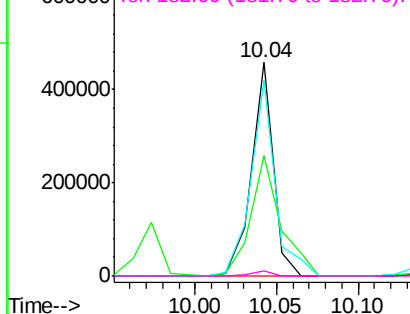


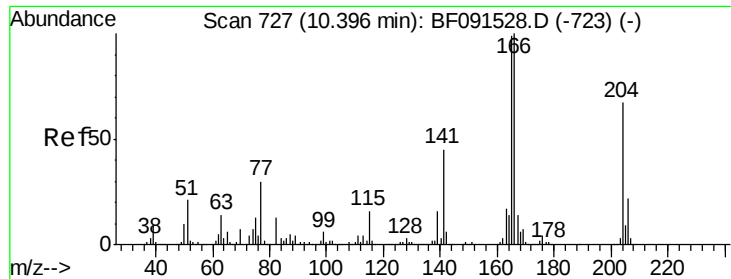
#56
2,4-Dinitrotoluene
Concen: 44.03 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

Tgt Ion:165 Resp: 423689
Ion Ratio Lower Upper
165 100
63 56.5 29.0 43.4#
89 91.7 43.1 64.7#
182 2.2 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

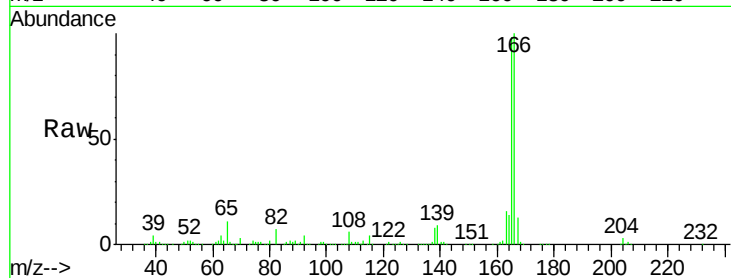




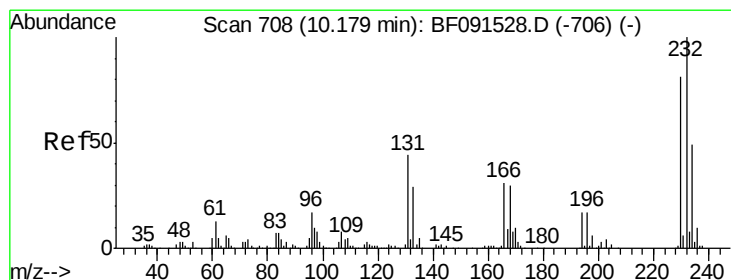
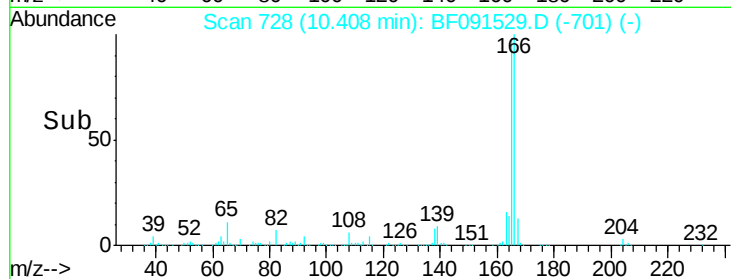
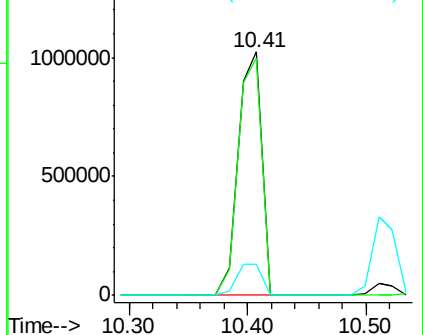
#57
 Fluorene
 Concen: 43.84 ng
 RT: 10.41 min Scan# 728
 Delta R.T. 0.01 min
 Lab File: BF091529.D
 Acq: 9 Dec 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 1404706
 Ion Ratio Lower Upper
 166 100
 165 97.5 80.0 120.0
 167 12.8 10.8 16.2

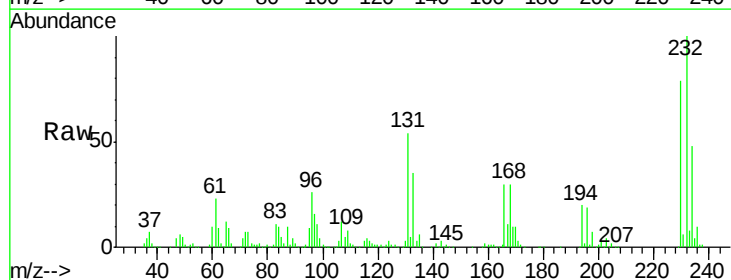


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

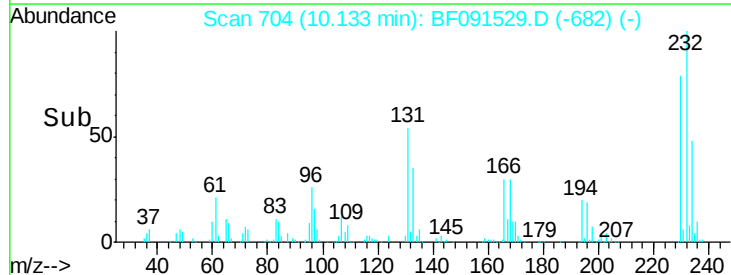
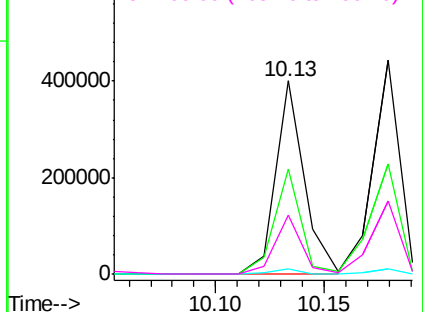


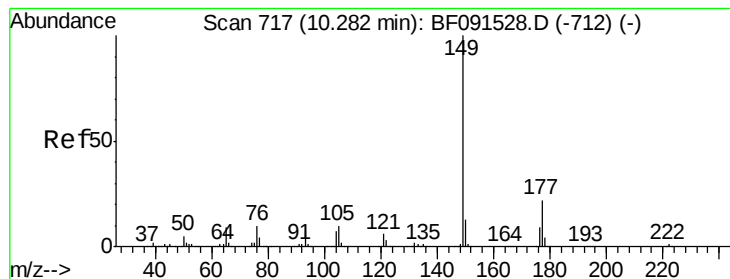
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.97 ng
 RT: 10.13 min Scan# 704
 Delta R.T. -0.05 min
 Lab File: BF091529.D
 Acq: 9 Dec 2016 15:44

Tgt Ion:232 Resp: 369299
 Ion Ratio Lower Upper
 232 100
 131 50.7 38.4 57.6
 130 2.7 1.8 2.8
 166 28.5 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: 48.04 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampleId :

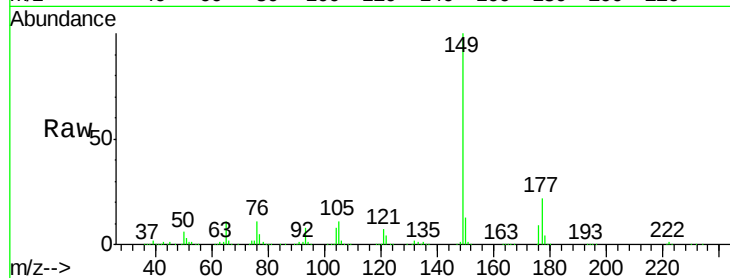
Tot Ion:149 Resp: 1573999

Ion Ratio Lower Upper

149 100

177 21.6 15.7 23.5

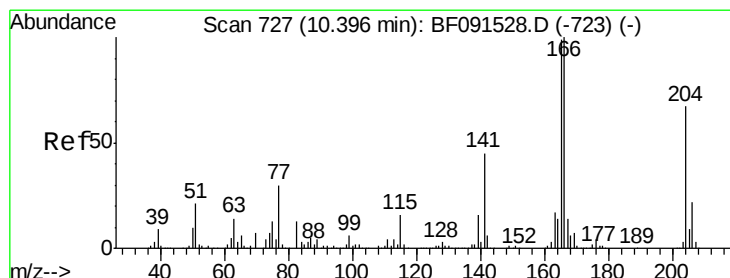
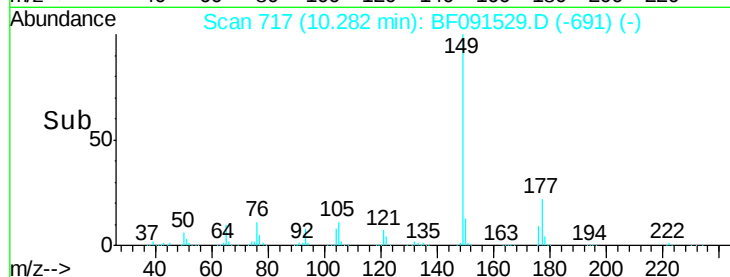
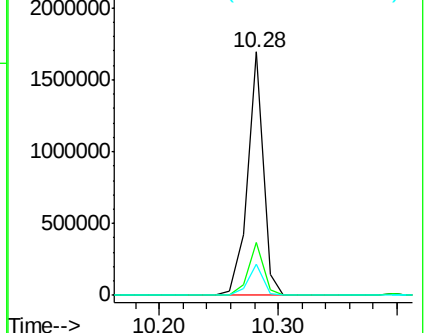
150 12.9 10.2 15.2



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: 41.11 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

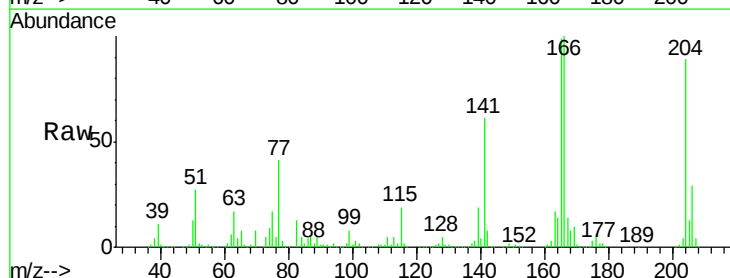
Tgt Ion:204 Resp: 660663

Ion Ratio Lower Upper

204 100

206 32.7 26.1 39.1

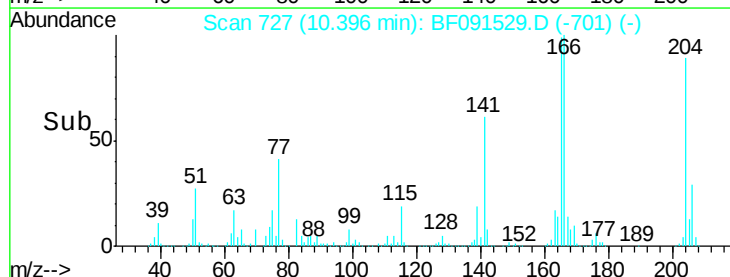
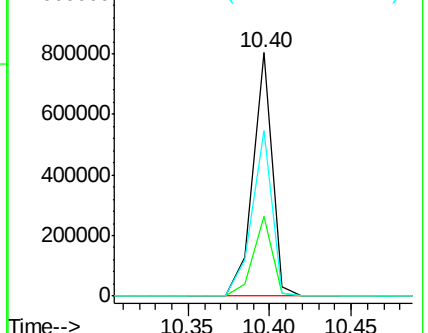
141 68.1 40.6 61.0#

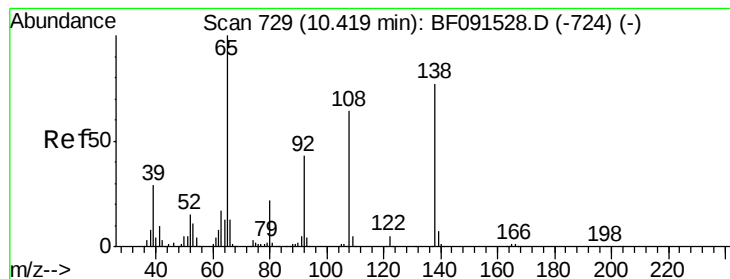


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 56.13 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampleId :

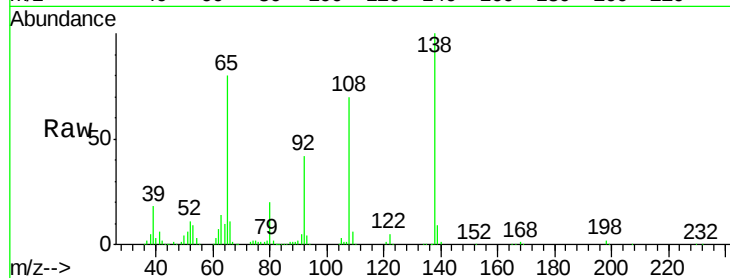
Tot Ion:138 Resp: 452607

Ion Ratio Lower Upper

138 100

92 41.6 26.9 66.9

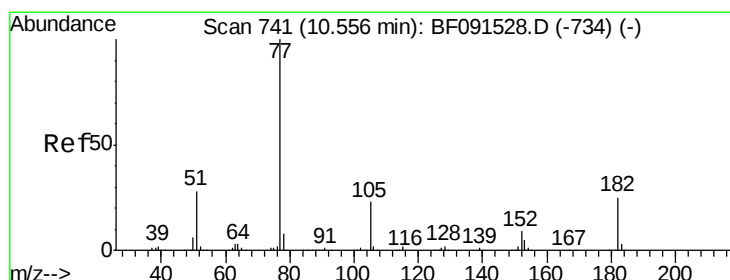
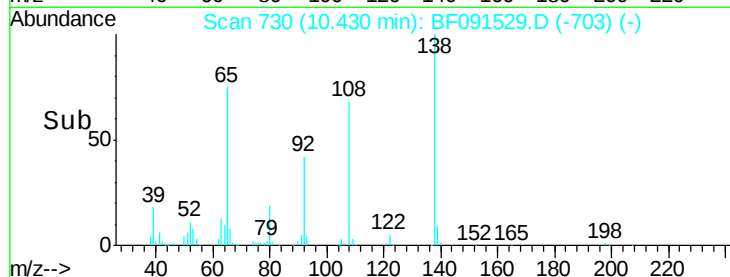
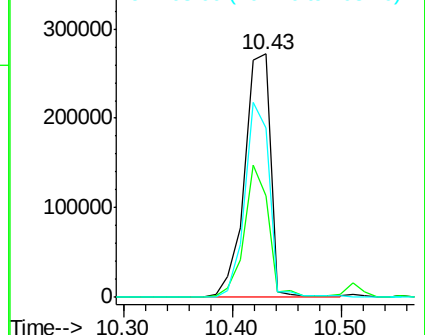
108 69.6 49.1 89.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 56.49 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Tgt Ion: 77 Resp: 1888736

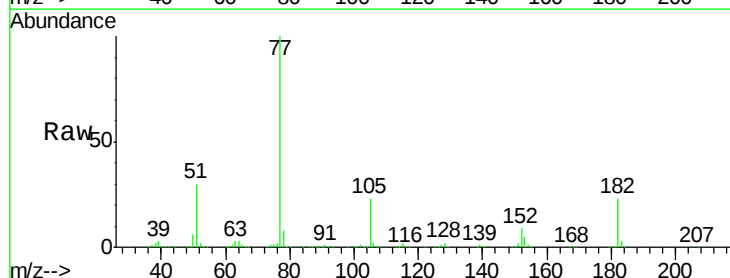
Ion Ratio Lower Upper

77 100

182 22.9 12.5 52.5

105 22.7 3.7 43.7

51 29.8 11.9 51.9

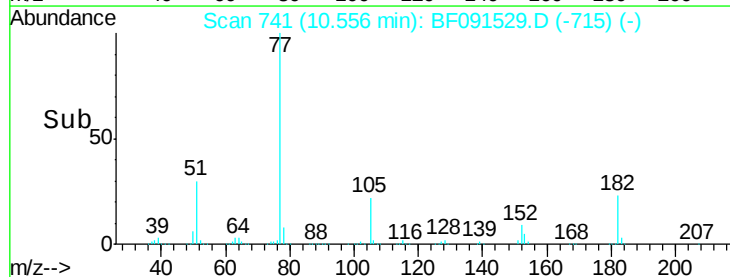
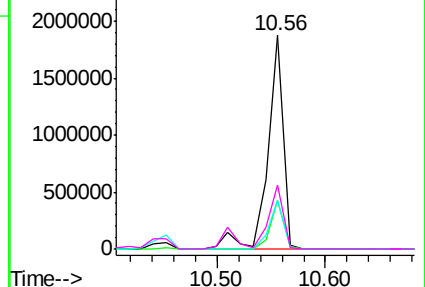


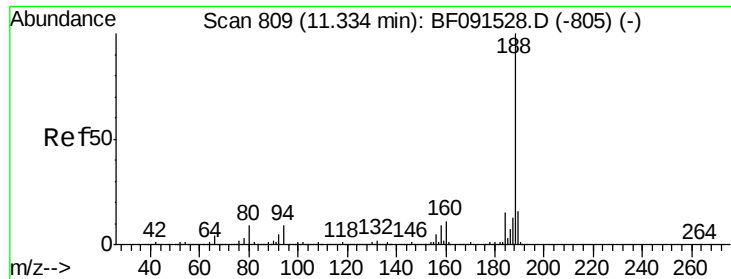
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

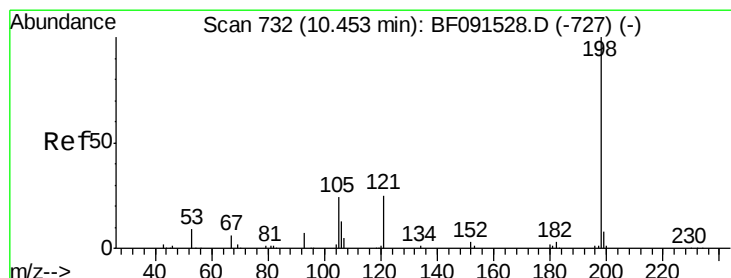
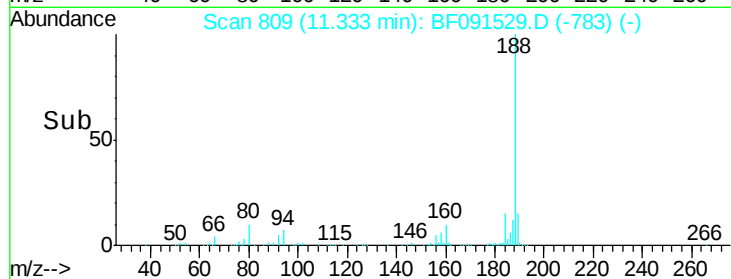
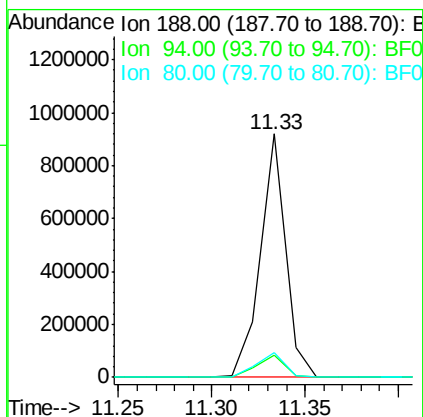
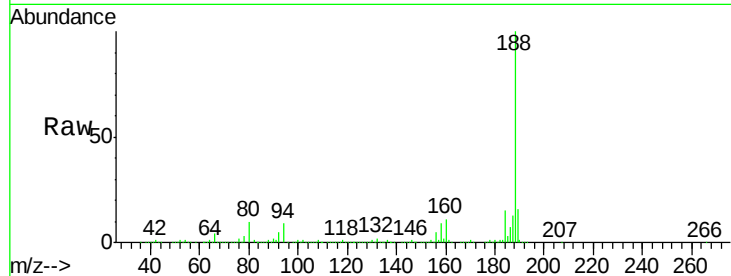




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

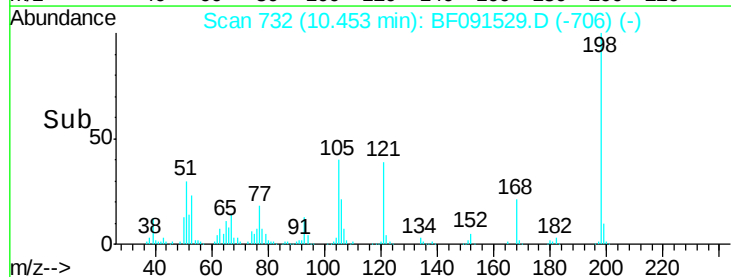
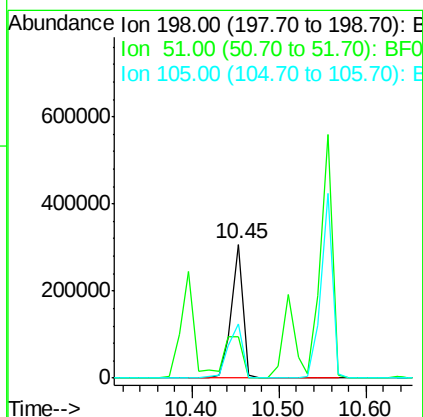
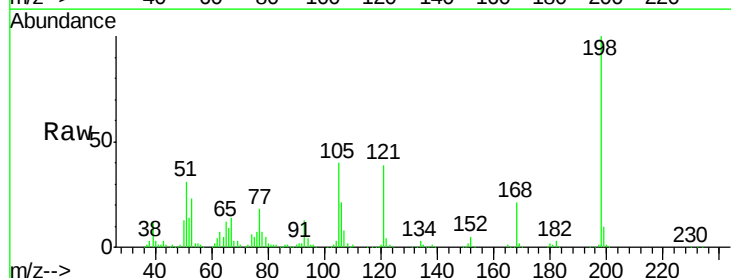
Instrument :
BNA_F
ClientSampleId :

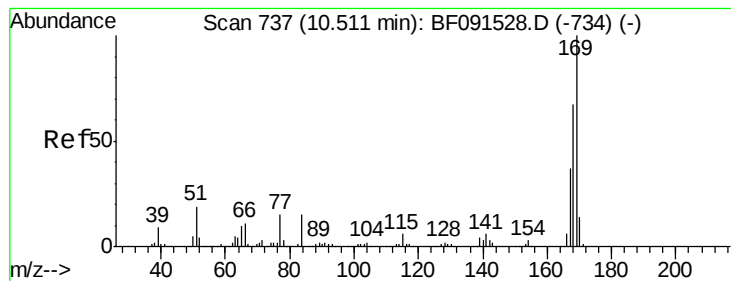
Tot Ion:188 Resp: 857111
Ion Ratio Lower Upper
188 100
94 9.2 9.2 13.8
80 10.2 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 60.33 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

Tgt Ion:198 Resp: 284883
Ion Ratio Lower Upper
198 100
51 30.6 77.1 117.1#
105 40.2 44.8 84.8#





#65

n-Nitrosodiphenylamine

Concen: 46.61 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampleId :

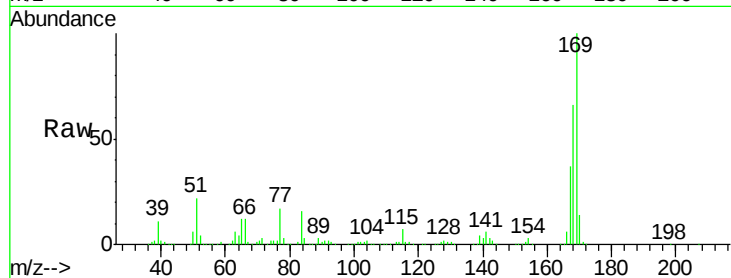
Tot Ion:169 Resp: 1211313

Ion Ratio Lower Upper

169 100

168 66.0 53.8 80.8

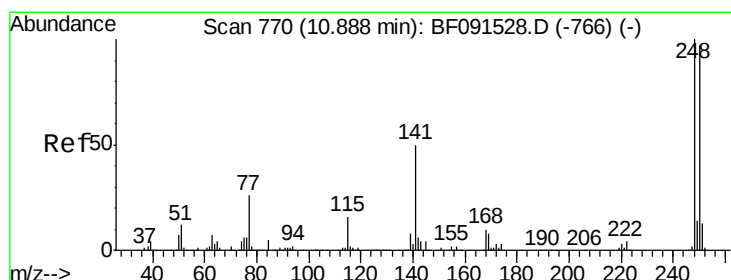
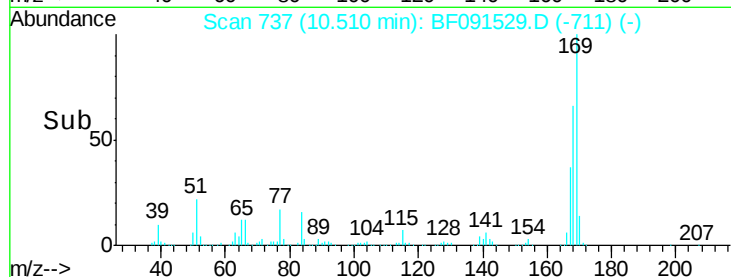
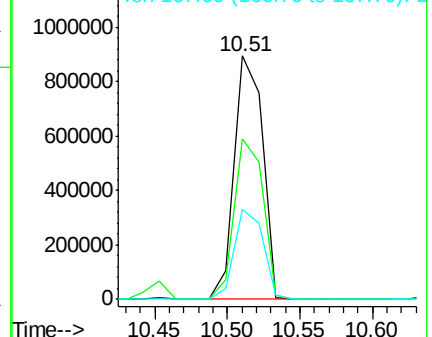
167 37.0 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.65 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

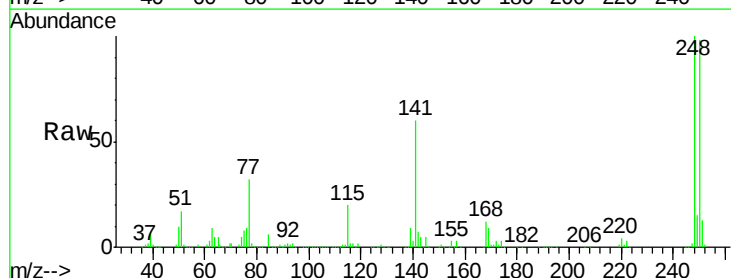
Tgt Ion:248 Resp: 438950

Ion Ratio Lower Upper

248 100

250 98.0 78.2 117.4

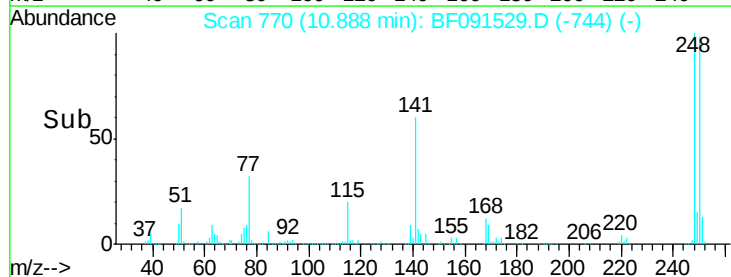
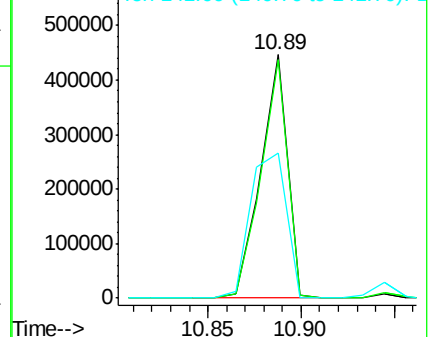
141 59.5 71.9 107.9#

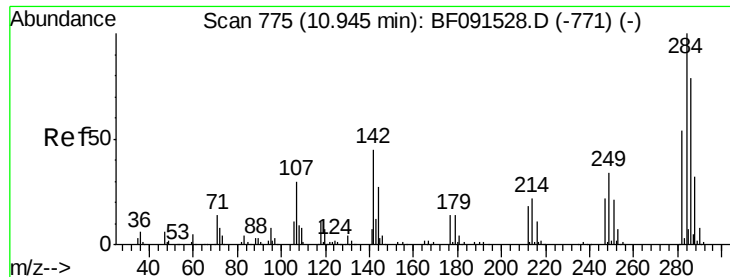


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

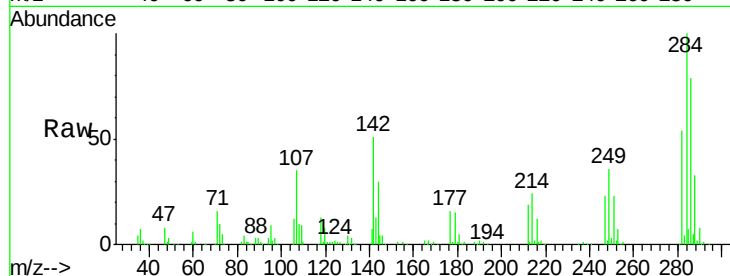




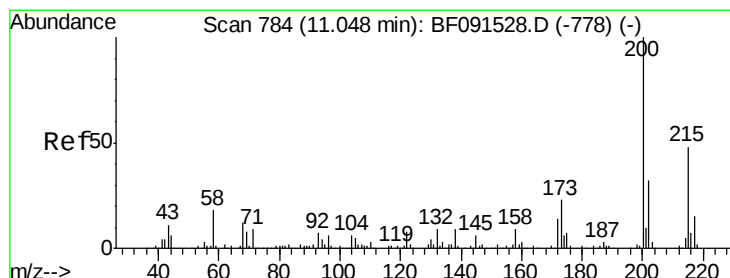
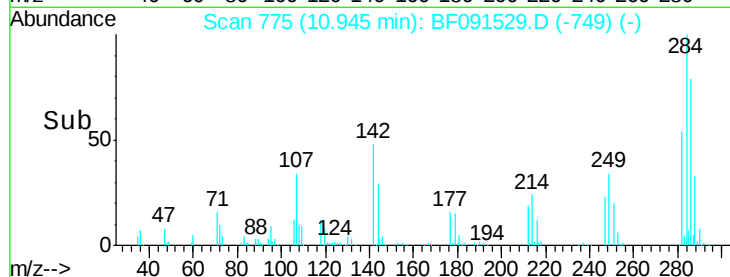
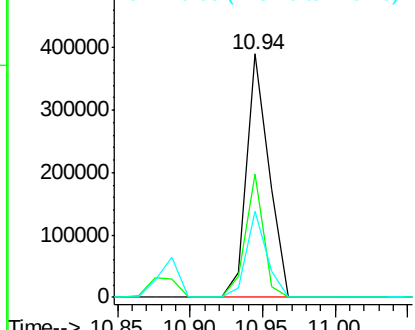
#67
Hexachlorobenzene
Concen: 41.67 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 414862
Ion Ratio Lower Upper
284 100
142 50.6 17.9 26.9#
249 35.5 23.6 35.4#

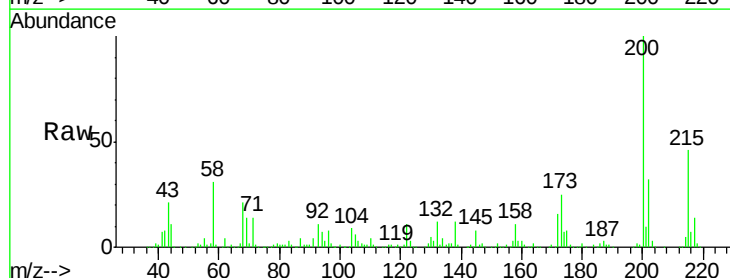


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

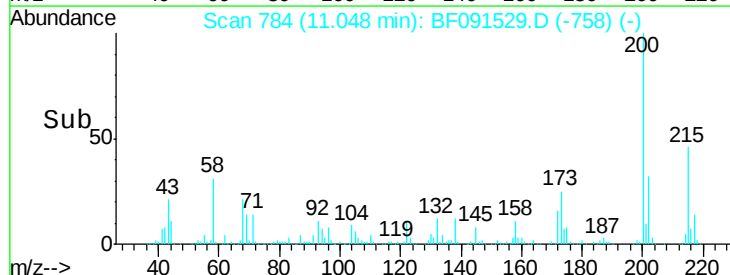
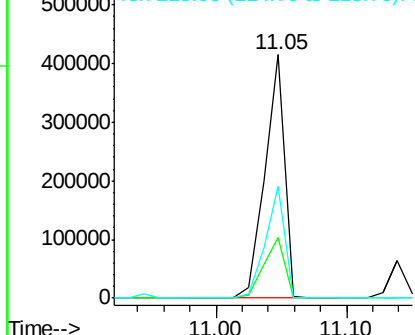


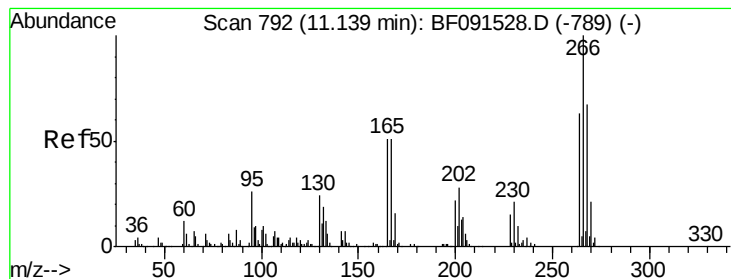
#68
Atrazine
Concen: 52.04 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF091529.D
Acq: 9 Dec 2016 15:44

Tgt Ion:200 Resp: 437968
Ion Ratio Lower Upper
200 100
173 24.9 7.8 47.8
215 46.0 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: 45.63 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampled :

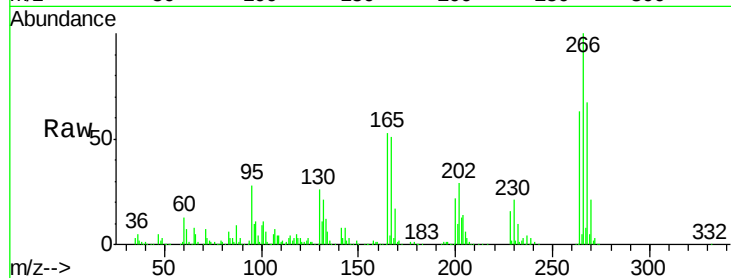
Tot Ion:266 Resp: 267432

Ion Ratio Lower Upper

266 100

268 67.3 50.3 75.5

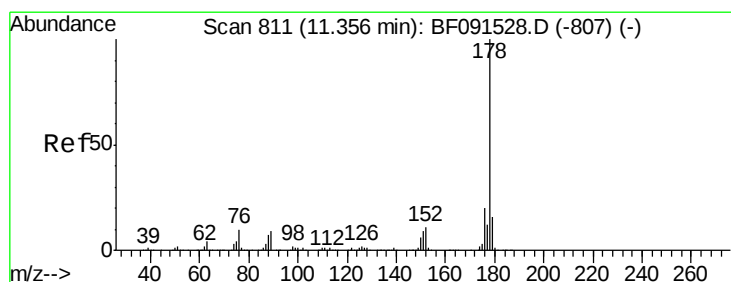
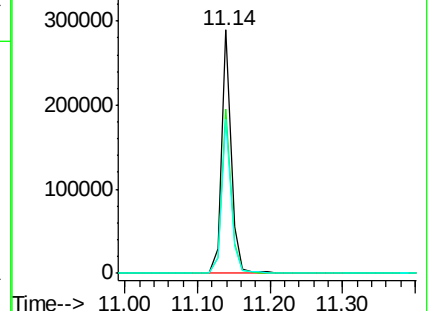
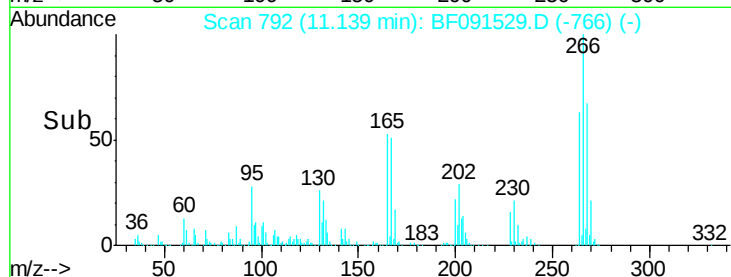
264 63.3 48.2 72.2



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: 43.17 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

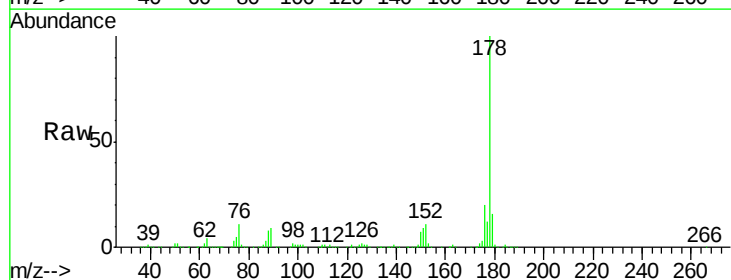
Tgt Ion:178 Resp: 1922876

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

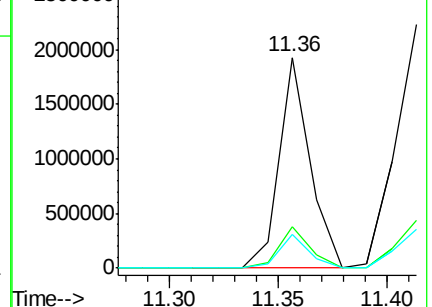
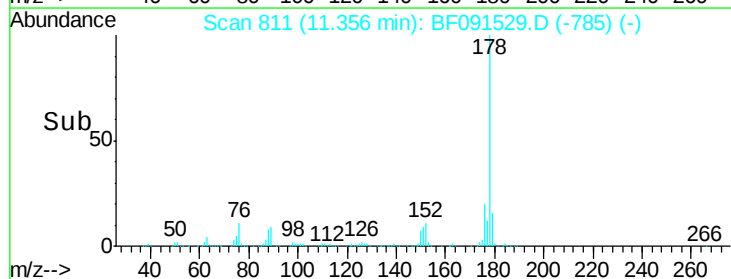
179 15.9 12.6 18.8

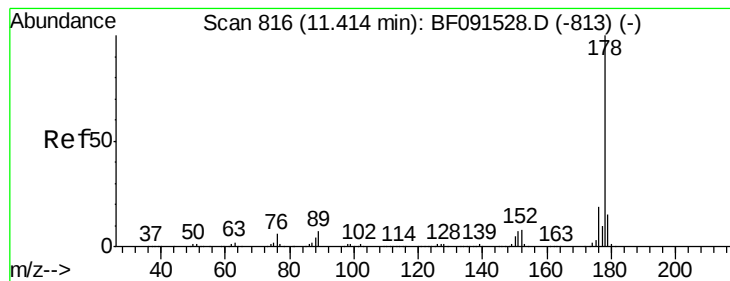


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 51.23 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampleId :

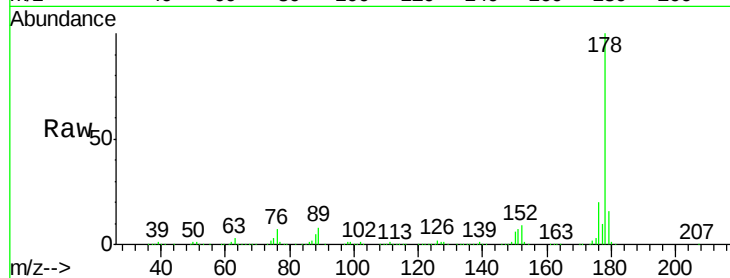
Tot Ion:178 Resp: 2264642

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

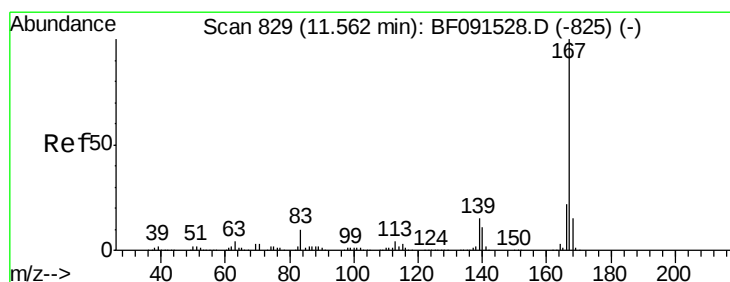
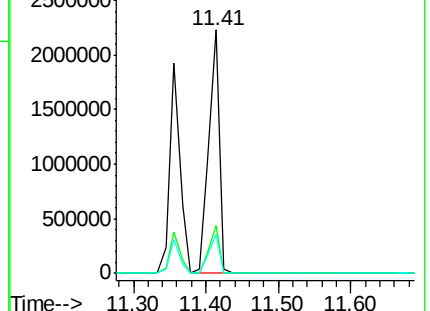
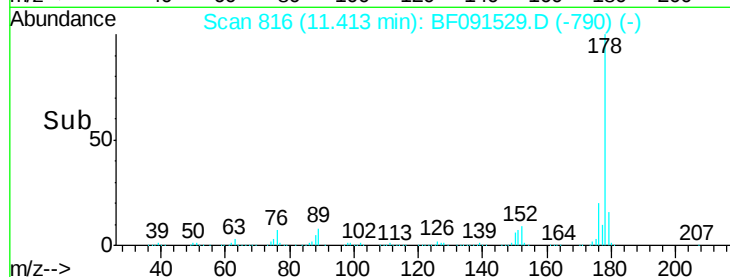
179 15.8 12.7 19.1



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: 45.24 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

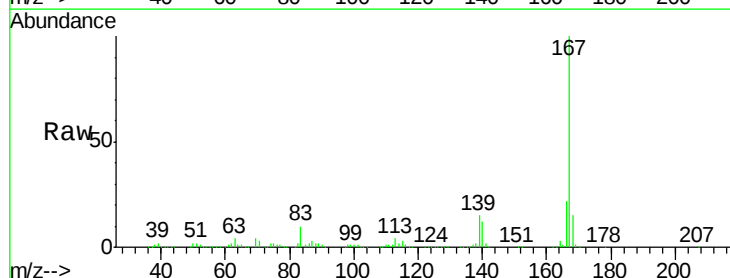
Tgt Ion:167 Resp: 1814416

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

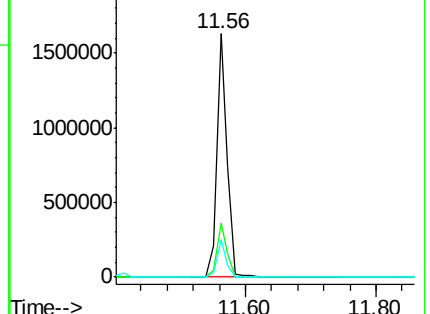
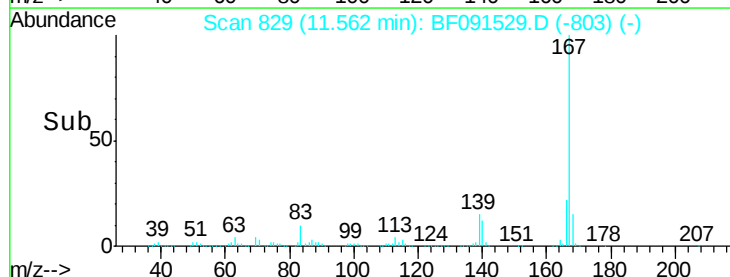
139 15.2 11.5 17.3

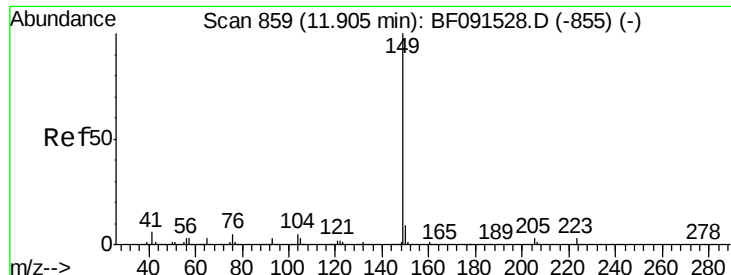


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 52.56 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampleId :

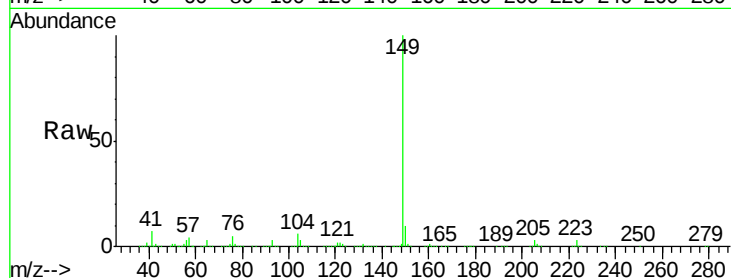
Tot Ion:149 Resp: 2389105

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

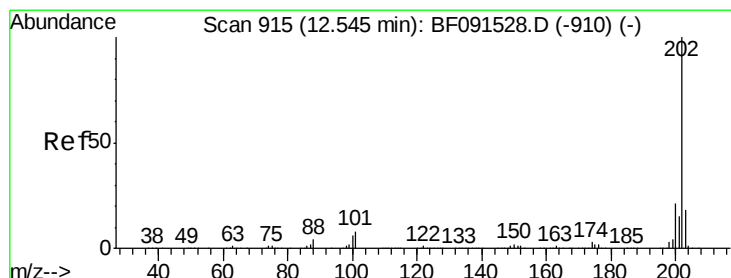
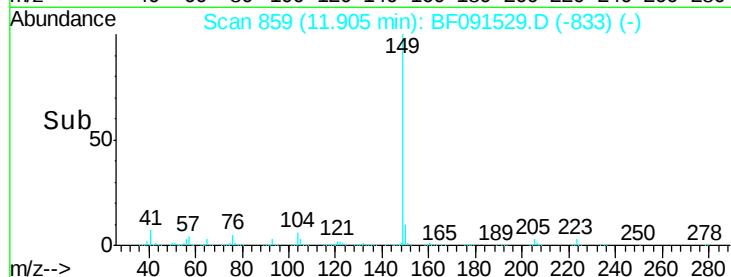
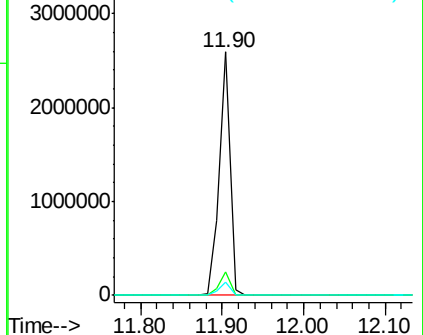
104 5.5 4.0 6.0



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: 51.48 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

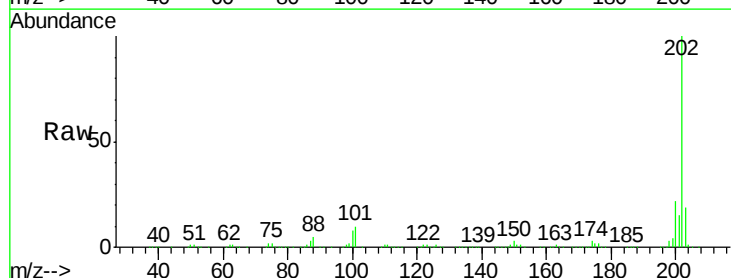
Tgt Ion:202 Resp: 2171546

Ion Ratio Lower Upper

202 100

101 10.1 0.0 29.5

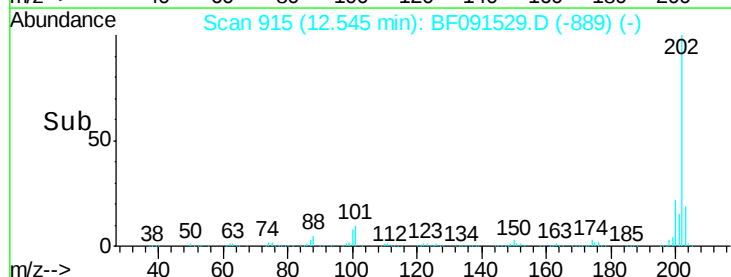
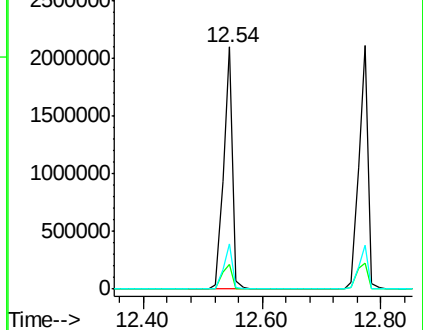
203 18.6 0.0 37.8

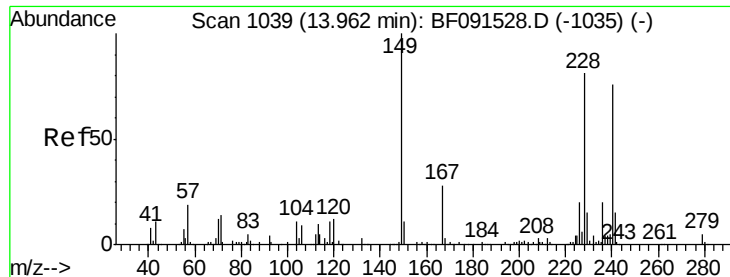


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampled :

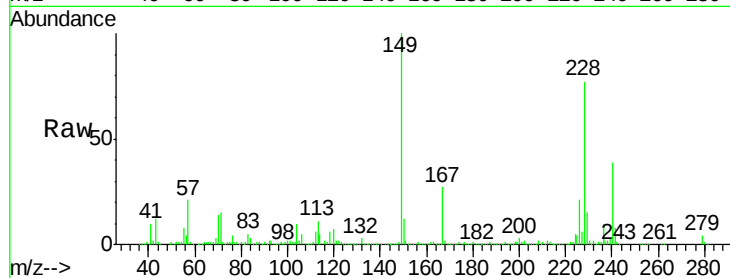
Tot Ion:240 Resp: 528797

Ion Ratio Lower Upper

240 100

120 17.5 12.1 18.1

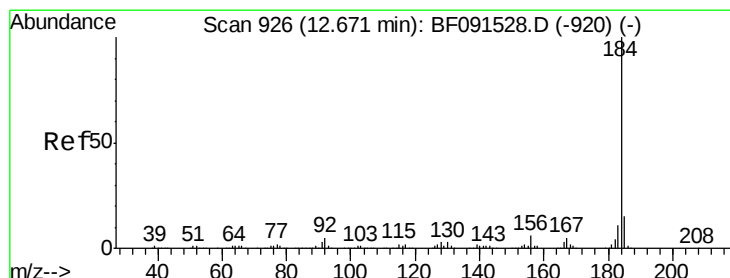
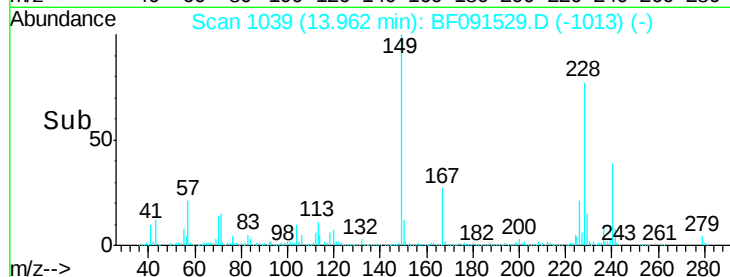
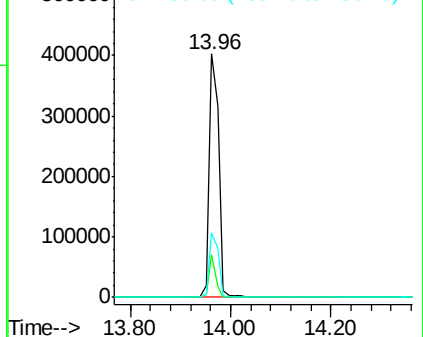
236 26.7 21.0 31.6



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: 55.72 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

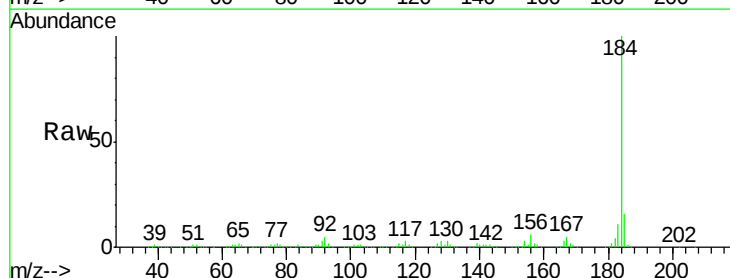
Tgt Ion:184 Resp: 864917

Ion Ratio Lower Upper

184 100

185 16.5 13.1 19.7

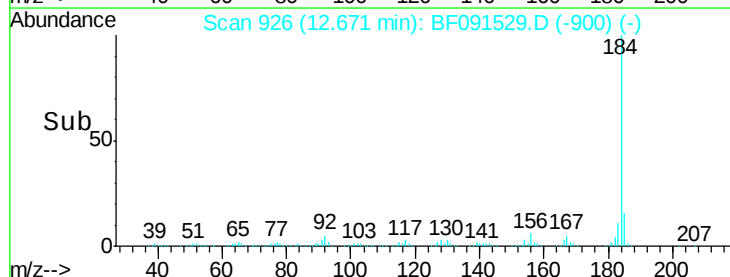
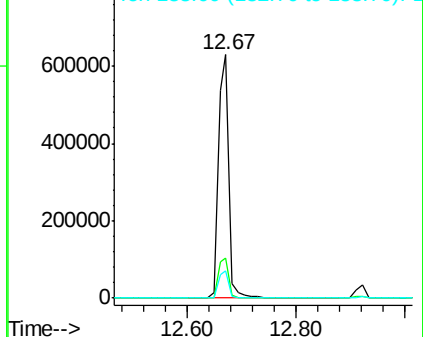
183 11.4 8.9 13.3

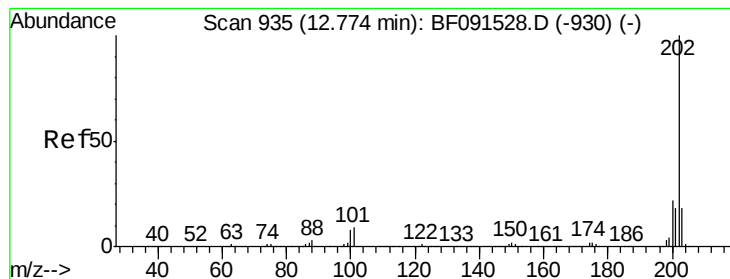


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 56.51 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampleId :

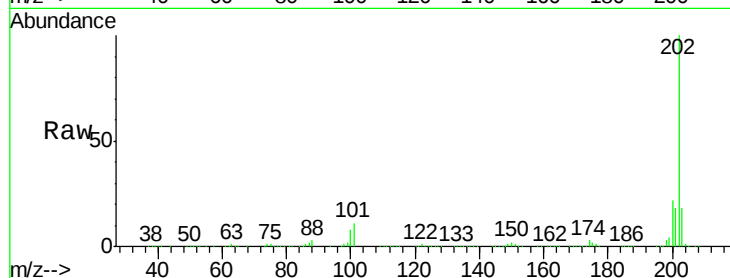
Tot Ion:202 Resp: 2267619

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.6	26.4
203	18.1	14.0	21.0

202 100

200 22.4 17.6 26.4

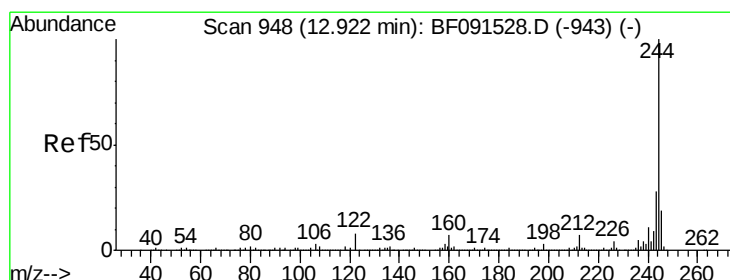
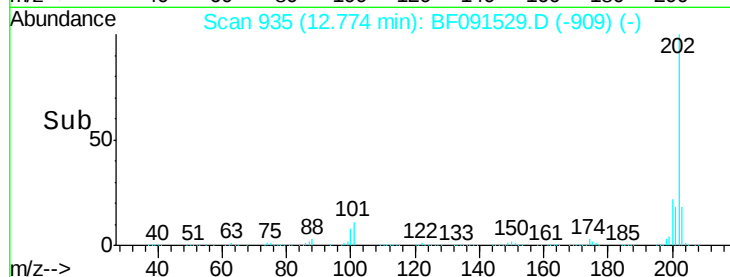
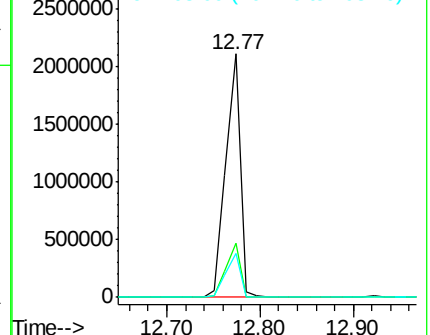
203 18.1 14.0 21.0



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: 99.97 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

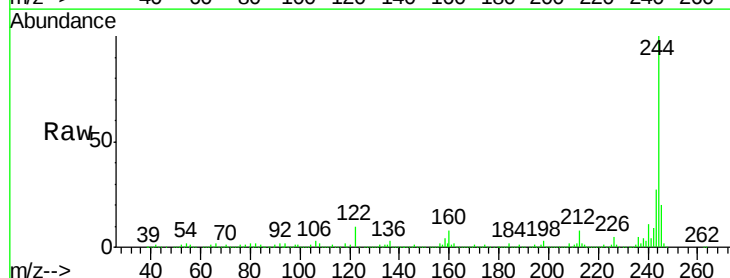
Tgt Ion:244 Resp: 2432295

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	9.8	9.5	14.3

244 100

212 7.9 6.5 9.7

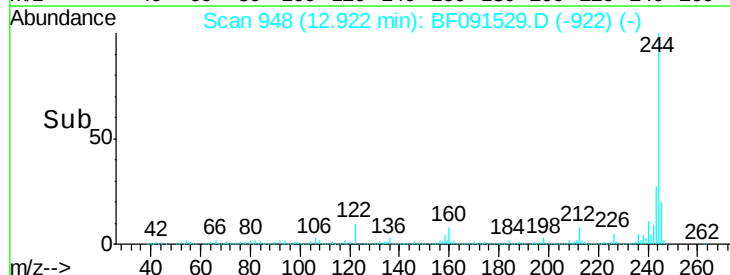
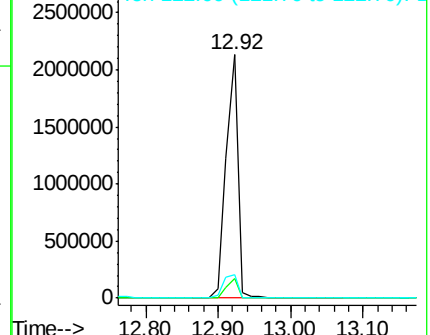
122 9.8 9.5 14.3

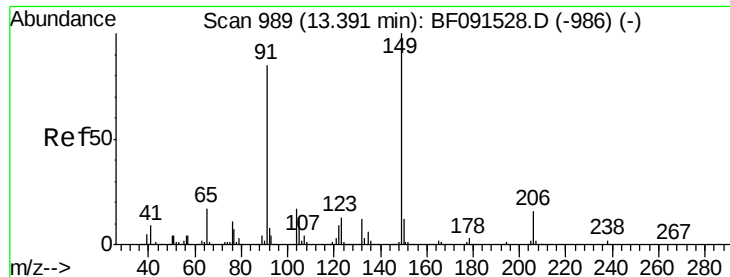


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

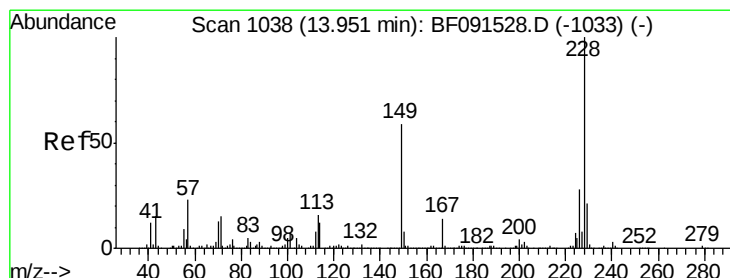
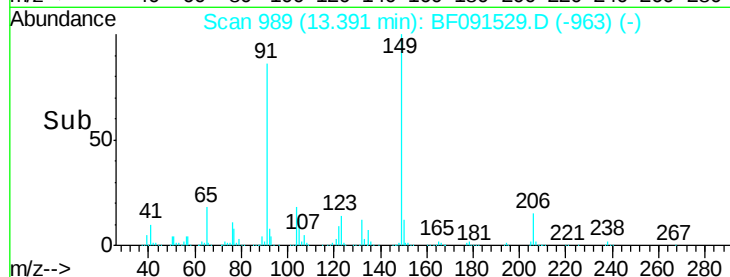
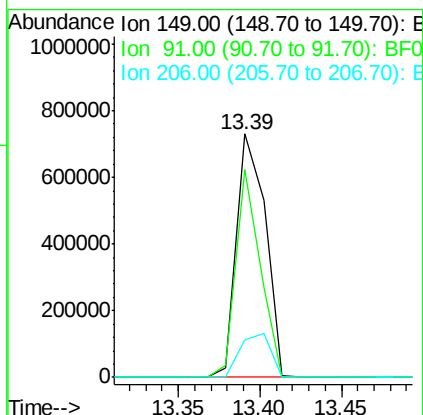
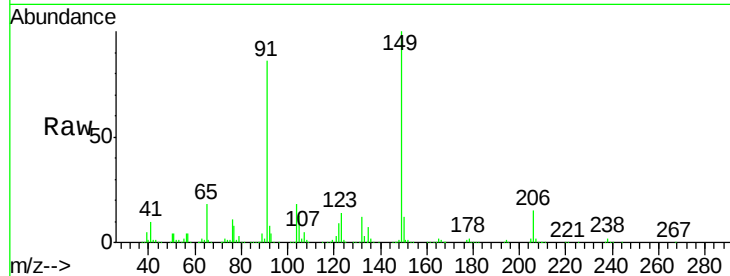




#79
 Butylbenzylphthalate
 Concen: 59.17 ng
 RT: 13.39 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF091529.D
 Acq: 9 Dec 2016 15:44

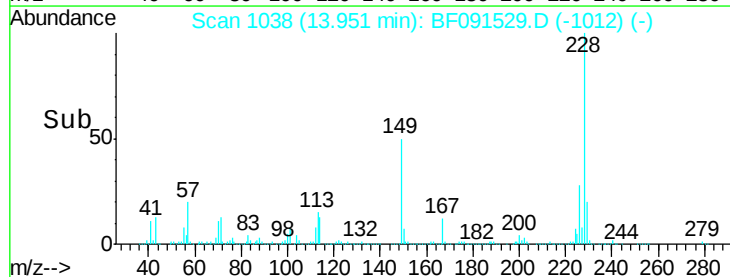
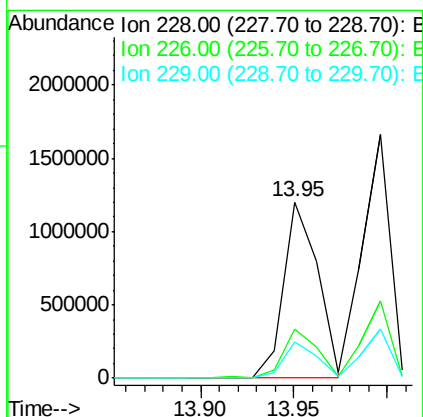
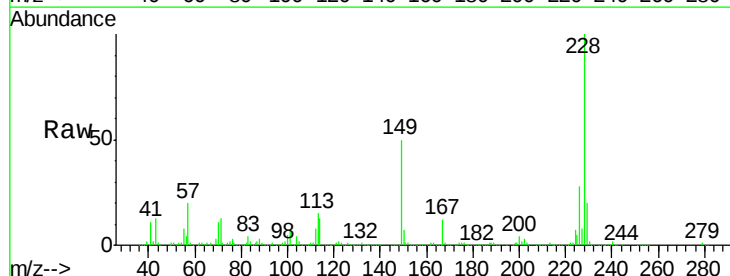
Instrument :
 BNA_F
 ClientSampleID :

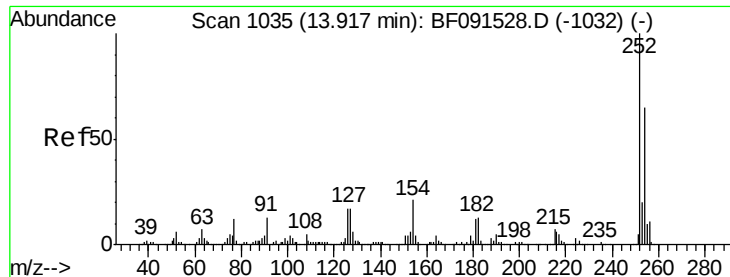
Tot Ion:149 Resp: 889150
 Ion Ratio Lower Upper
 149 100
 91 85.5 57.4 86.2
 206 15.3 15.4 23.2#



#80
 Benzo(a)anthracene
 Concen: 49.52 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF091529.D
 Acq: 9 Dec 2016 15:44

Tgt Ion:228 Resp: 1531478
 Ion Ratio Lower Upper
 228 100
 226 27.9 22.5 33.7
 229 20.4 16.4 24.6





#81

3,3'-Dichlorobenzidine

Concen: 52.47 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.01 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampled :

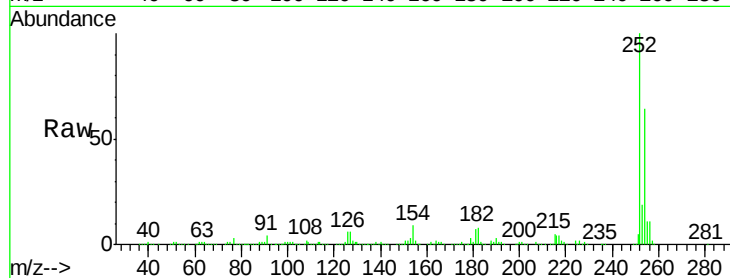
Tot Ion:252 Resp: 571643

Ion Ratio Lower Upper

252 100

254 63.7 52.1 78.1

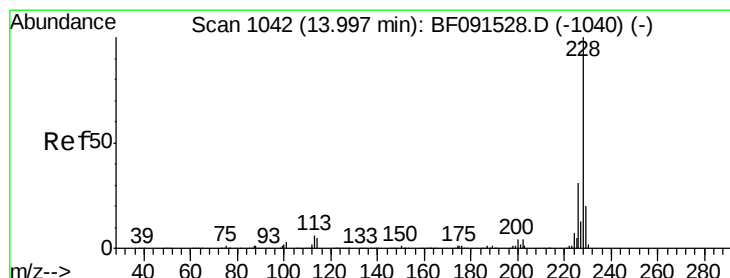
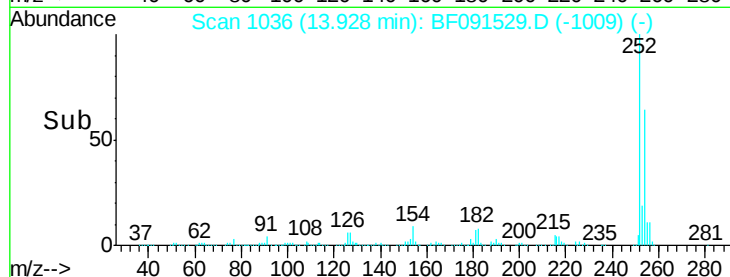
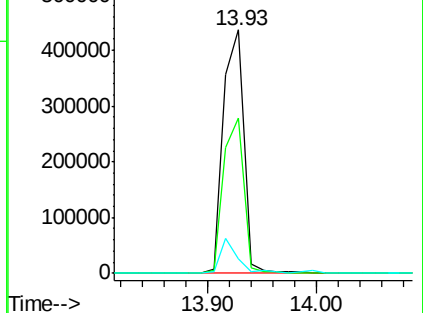
126 6.1 7.5 11.3#



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: 56.56 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

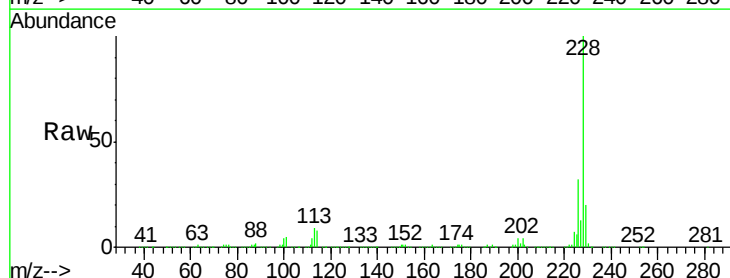
Tgt Ion:228 Resp: 1730627

Ion Ratio Lower Upper

228 100

226 31.8 25.0 37.4

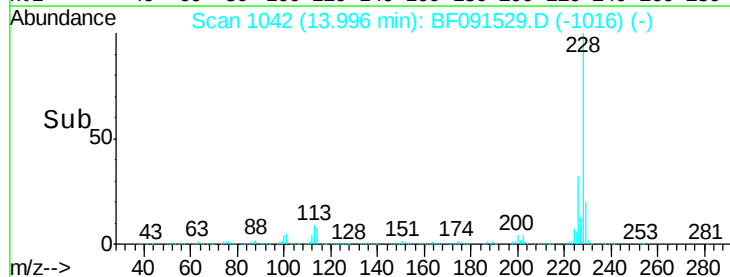
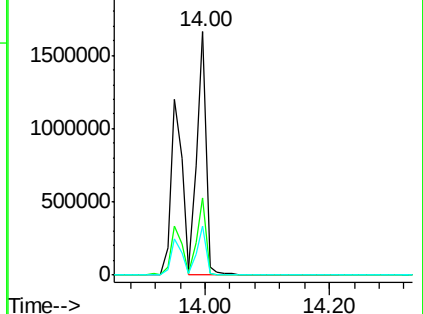
229 20.2 16.0 24.0

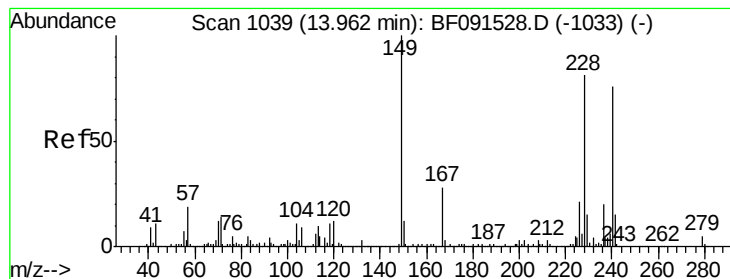


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 60.33 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampled :

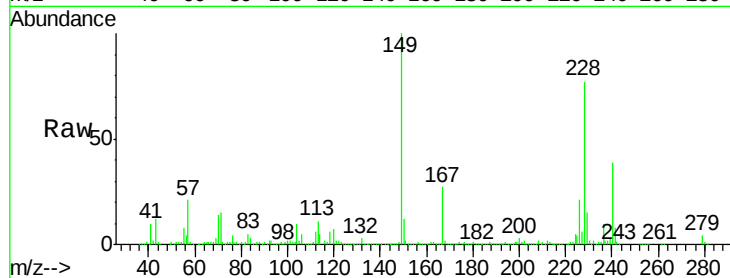
Tot Ion:149 Resp: 1149169

Ion Ratio Lower Upper

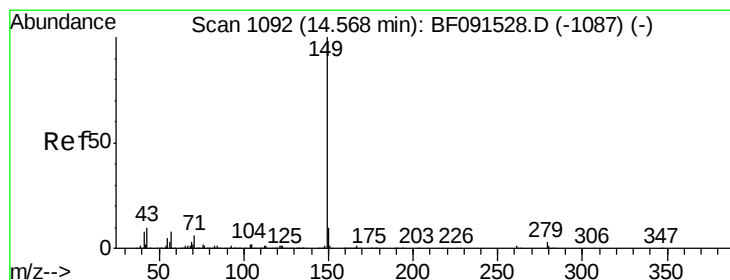
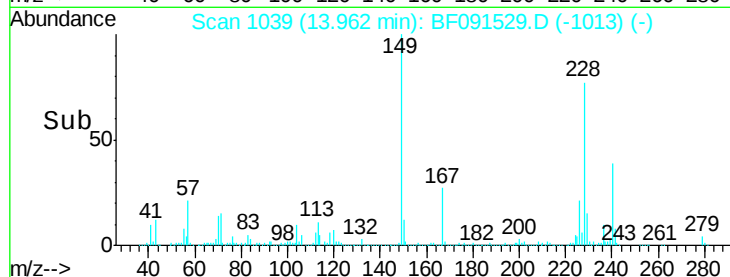
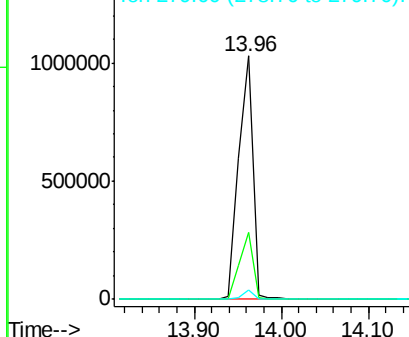
149 100

167 27.4 19.6 29.4

279 4.0 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 67.90 ng

RT: 14.57 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

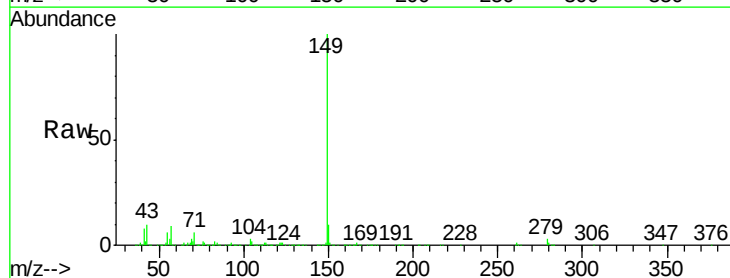
Tgt Ion:149 Resp: 1956980

Ion Ratio Lower Upper

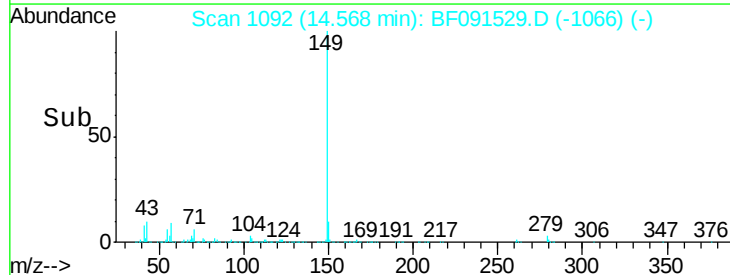
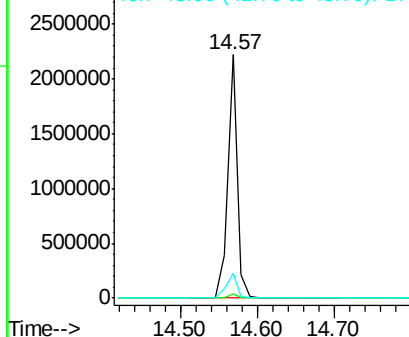
149 100

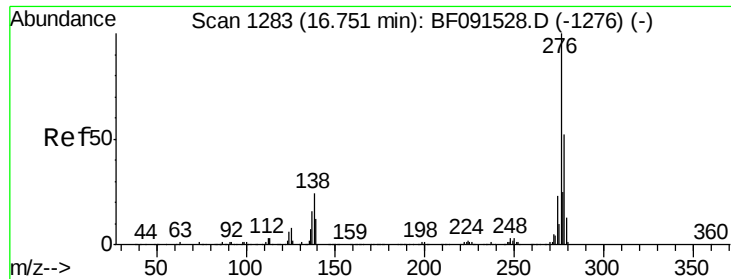
167 1.5 1.3 1.9

43 11.4 11.9 17.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

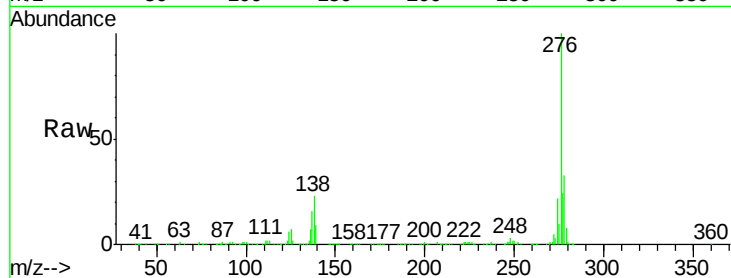




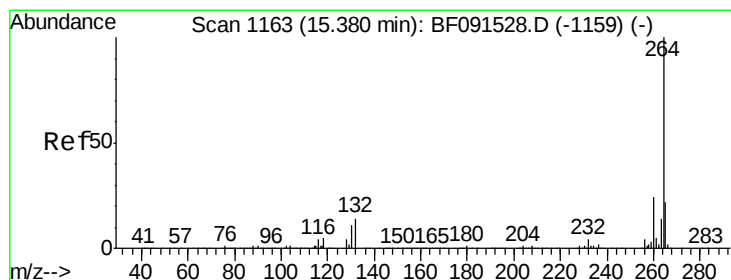
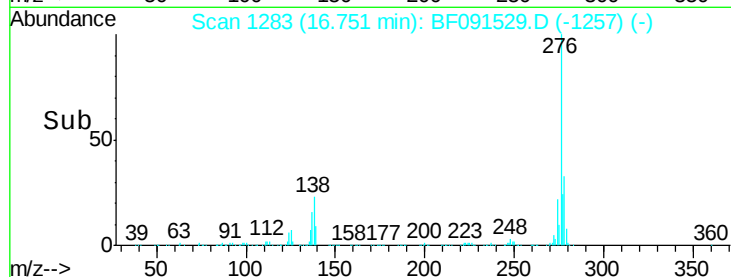
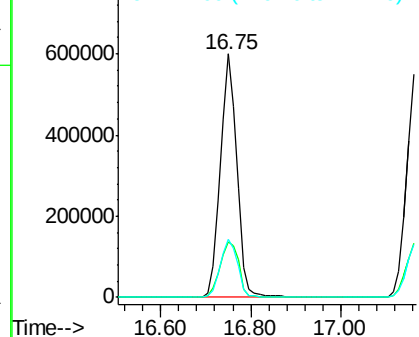
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.19 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BF091529.D
 Acq: 9 Dec 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1546514
 Ion Ratio Lower Upper
 276 100
 138 26.2 21.0 31.4
 277 25.1 20.2 30.2

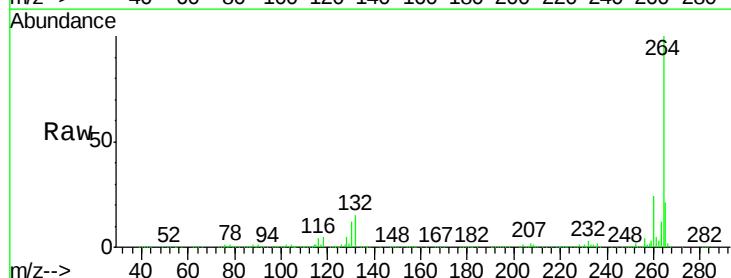


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

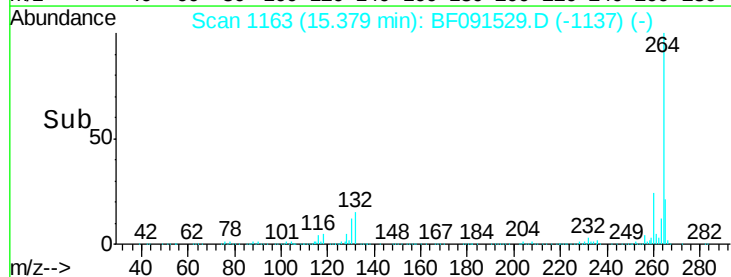
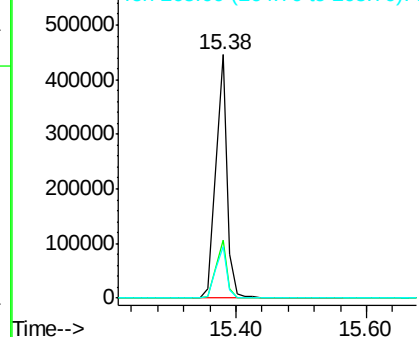


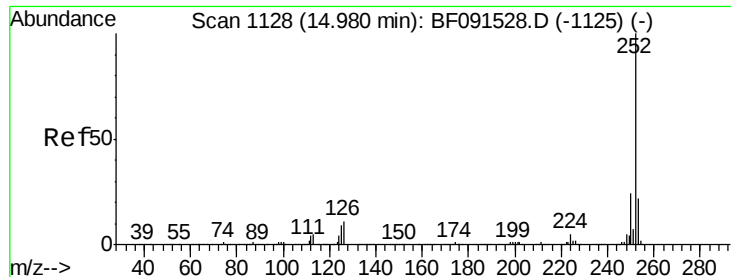
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF091529.D
 Acq: 9 Dec 2016 15:44

Tgt Ion:264 Resp: 547333
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.3 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: 46.24 ng

RT: 14.98 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampleId :

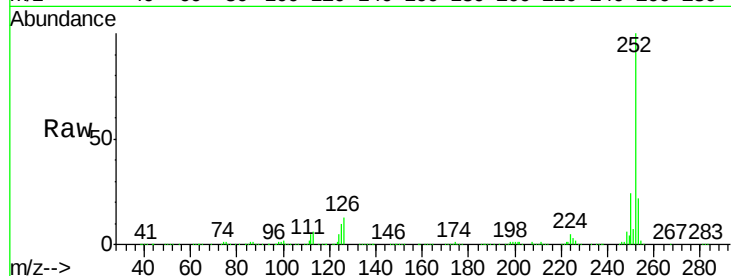
Tot Ion:252 Resp: 1572957

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

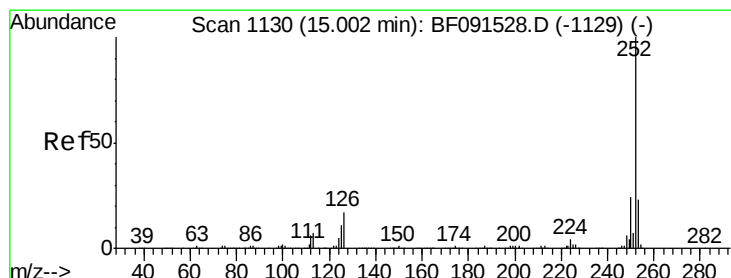
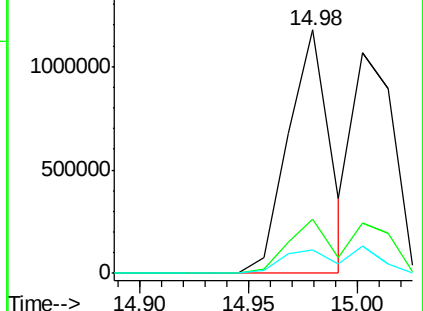
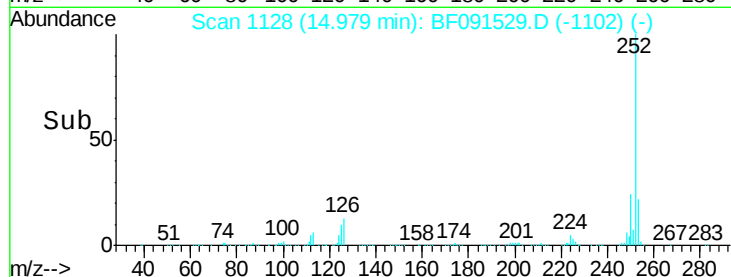
125 9.6 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 54.98 ng

RT: 14.98 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

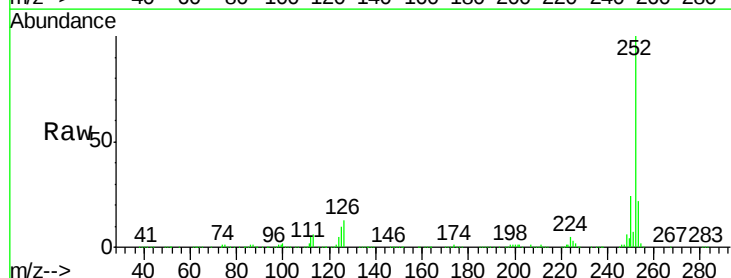
Tgt Ion:252 Resp: 1572957

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

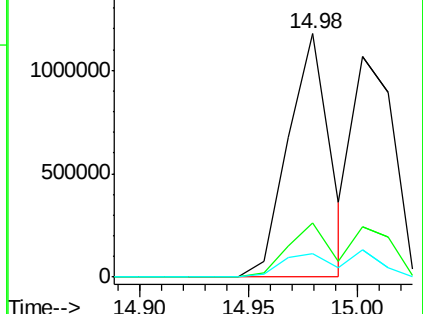
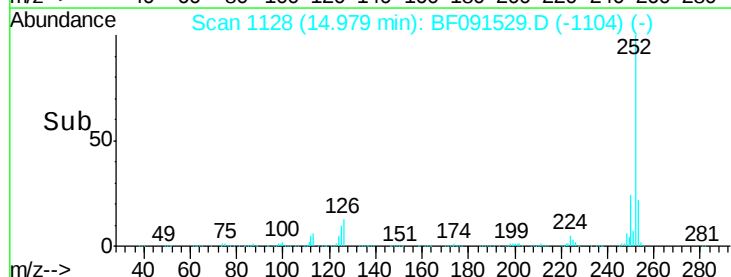
125 9.6 9.6 14.4

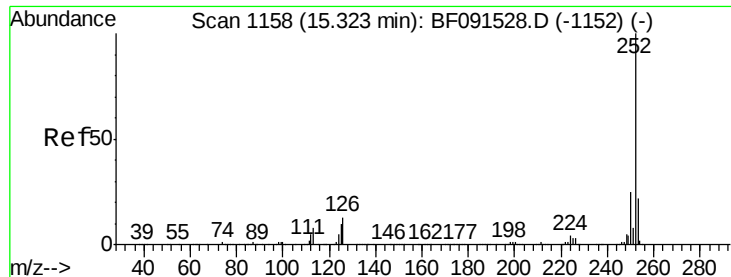


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.36 ng

RT: 15.32 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

Instrument :

BNA_F

ClientSampled :

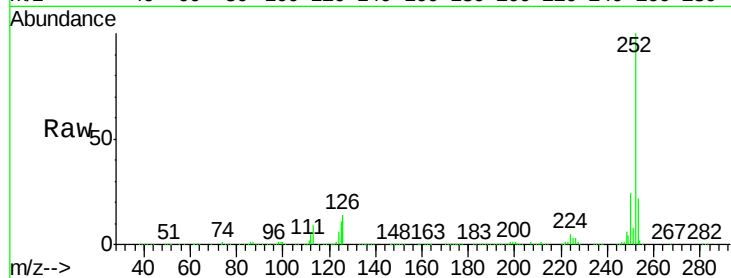
Tot Ion:252 Resp: 1416440

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

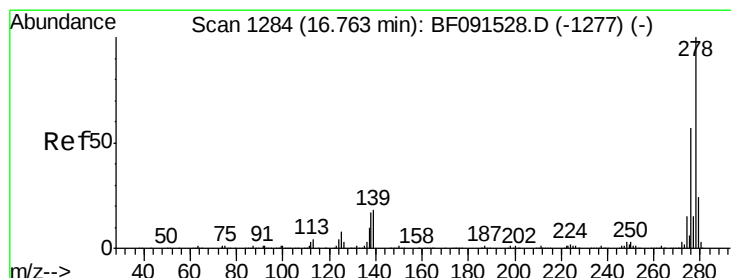
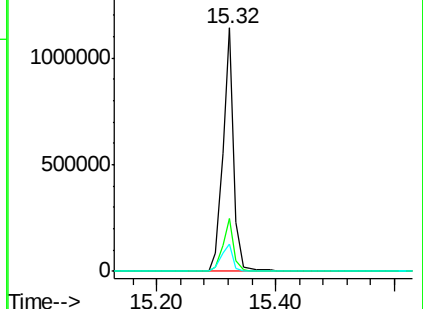
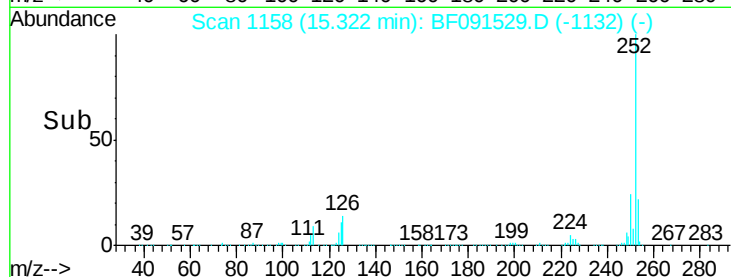
125 11.0 10.4 15.6



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: 45.60 ng

RT: 16.77 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF091529.D

Acq: 9 Dec 2016 15:44

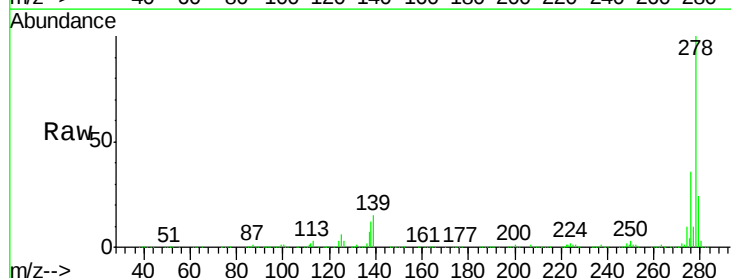
Tgt Ion:278 Resp: 1288582

Ion Ratio Lower Upper

278 100

139 15.0 15.1 22.7#

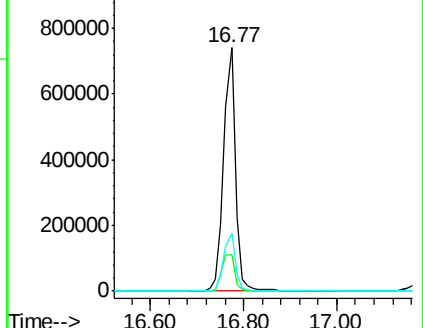
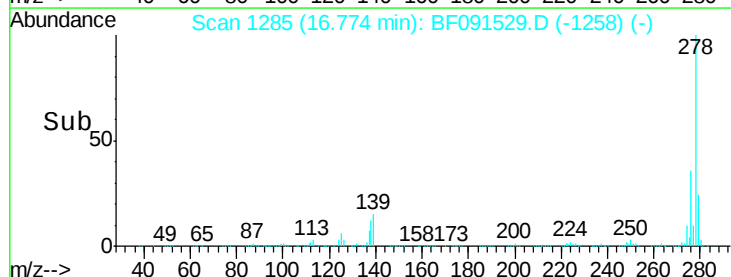
279 23.8 19.0 28.6

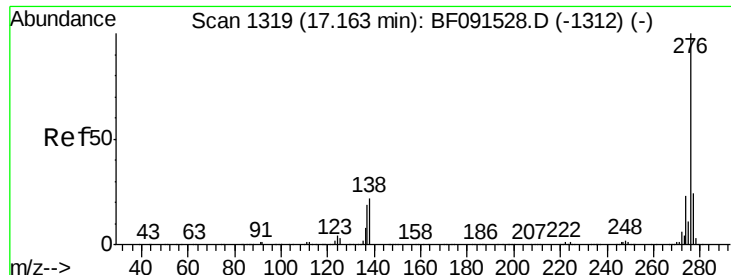


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



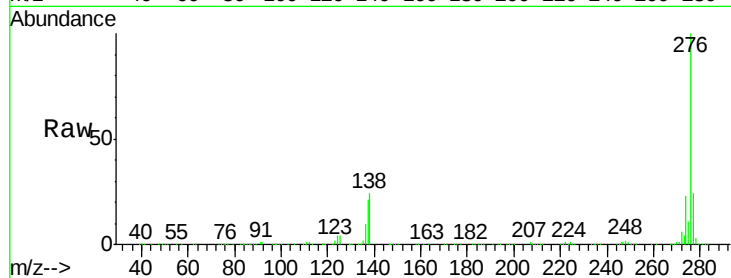


#91
 Benzo(a,h,i)perylene
 Concen: 45.78 ng
 RT: 17.16 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF091529.D
 Acq: 9 Dec 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 1333763

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	24.3	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

