

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
 Data File : BF091726.D
 Acq On : 18 Dec 2016 2:35
 Operator : UM/SJ
 Sample : PB95429BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95429BS

Quant Time: Dec 19 00:12:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	321780	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1269486	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	697581	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	1073278	20.00	ng	0.00
75) Chrysene-d12	13.93	240	743617	20.00	ng	0.00
86) Perylene-d12	15.33	264	830927	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	2886846	150.31	ng	0.02
7) Phenol-d6	6.42	99	3125754	133.44	ng	0.00
23) Nitrobenzene-d5	7.34	82	2211051	100.44	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	706083	119.37	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	3148074	90.66	ng	0.00
78) Terphenyl-d14	12.88	244	2872251	97.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	399919	42.28	ng	99
3) Pyridine	3.10	79	1162271	38.14	ng	99
4) n-Nitrosodimethylamine	3.08	42	542115	45.97	ng	99
6) Aniline	6.44	93	523569	17.37	ng	# 73
8) 2-Chlorophenol	6.56	128	906975	42.90	ng	97
9) Benzaldehyde	6.30	77	150048	8.28	ng	87
10) Phenol	6.43	94	927486	35.13	ng	95
11) bis(2-Chloroethyl)ether	6.51	93	901168	42.74	ng	99
12) 1,3-Dichlorobenzene	6.94	146	929855	40.05	ng	97
13) 1,4-Dichlorobenzene	6.78	146	937205	39.90	ng	100
14) 1,2-Dichlorobenzene	6.94	146	930434	45.22	ng	97
15) Benzyl Alcohol	6.92	79	750638	41.39	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1371876	42.58	ng	100
17) 2-Methylphenol	7.04	107	807411	45.70	ng	99
18) Hexachloroethane	7.29	117	383186	43.90	ng	92
19) n-Nitroso-di-n-propylamine	7.20	70	654037	41.98	ng	99
20) 3+4-Methylphenols	7.20	107	925785	46.98	ng	# 88
22) Acetophenone	7.18	105	1331704	43.45	ng	98
24) Nitrobenzene	7.36	77	938094	39.68	ng	98
25) Isophorone	7.60	82	1991388	47.41	ng	96
26) 2-Nitrophenol	7.68	139	552467	48.45	ng	95
27) 2,4-Dimethylphenol	7.72	122	895547	48.14	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	1190219	48.43	ng	100
29) 2,4-Dichlorophenol	7.92	162	791991	46.16	ng	87
30) 1,2,4-Trichlorobenzene	8.00	180	832063	44.75	ng	# 96
31) Naphthalene	8.08	128	2505687	41.31	ng	99
32) Benzoic acid	7.87	122	630703	47.57	ng	98
33) 4-Chloroaniline	8.13	127	233872	9.15	ng	95
34) Hexachlorobutadiene	8.20	225	478442	45.76	ng	98
35) Caprolactam	8.52	113	188191	34.09	ng	85
36) 4-Chloro-3-methylphenol	8.62	107	923713	48.80	ng	99
37) 2-Methylnaphthalene	8.77	142	1824116	47.71	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	762760	43.87	ng	99
40) Hexachlorocyclopentadiene	8.93	237	859418	116.62	ng	98

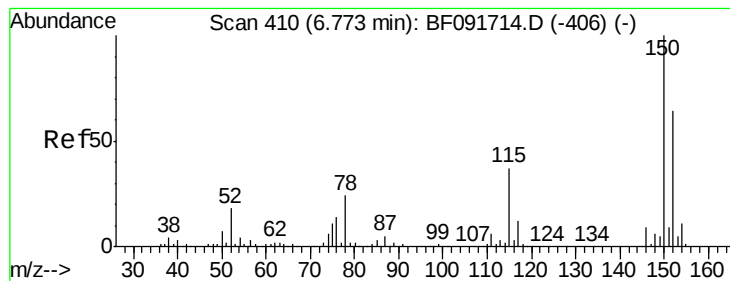
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	584283	47.03	ng	99
43) 2,4,5-Trichlorophenol	9.10	196	570185	46.72	ng	# 91
45) 1,1'-Biphenyl	9.24	154	2274821	45.50	ng	99
46) 2-Chloronaphthalene	9.26	162	1690598	45.25	ng	98
47) 2-Nitroaniline	9.36	65	517515	40.57	ng	98
48) Acenaphthylene	9.68	152	2544968	43.96	ng	100
49) Dimethylphthalate	9.55	163	2110514	46.32	ng	99
50) 2,6-Dinitrotoluene	9.61	165	517902	51.84	ng	100
51) Acenaphthene	9.85	154	1742606	43.86	ng	99
52) 3-Nitroaniline	9.77	138	195192	15.69	ng	93
53) 2,4-Dinitrophenol	9.88	184	516921	95.78	ng	# 68
54) Dibenzofuran	10.02	168	2171409	45.96	ng	99
55) 4-Nitrophenol	9.95	139	706568	81.79	ng	98
56) 2,4-Dinitrotoluene	10.01	165	530783	42.53	ng	89
57) Fluorene	10.36	166	1750256	47.69	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	451403	44.73	ng	99
59) Diethylphthalate	10.25	149	2034740	45.43	ng	96
60) 4-Chlorophenyl-phenylether	10.35	204	693667	41.49	ng	98
61) 4-Nitroaniline	10.38	138	463354	39.32	ng	100
62) Azobenzene	10.51	77	2064962	43.33	ng	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	367954	51.98	ng	82
65) n-Nitrosodiphenylamine	10.48	169	1568292	47.06	ng	99
66) 4-Bromophenyl-phenylether	10.84	248	527687	46.89	ng	96
67) Hexachlorobenzene	10.91	284	581177	49.28	ng	94
68) Atrazine	11.01	200	552912	54.90	ng	93
69) Pentachlorophenol	11.10	266	591671	92.97	ng	99
70) Phenanthrene	11.32	178	2757558	51.42	ng	99
71) Anthracene	11.37	178	2296679	40.43	ng	100
72) Carbazole	11.53	167	2379288	47.90	ng	100
73) Di-n-butylphthalate	11.86	149	2763368	43.39	ng	100
74) Fluoranthene	12.50	202	2378237	42.46	ng	100
76) Benzidine	12.63	184	599075	27.99	ng	97
77) Pyrene	12.73	202	2387688	44.46	ng	99
79) Butylbenzylphthalate	13.36	149	1244633	49.52	ng	97
80) Benzo(a)anthracene	13.92	228	2037014	47.89	ng	99
81) 3,3'-Dichlorobenzidine	13.88	252	480173	28.21	ng	98
82) Chrysene	13.96	228	2022084	45.86	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1429938	44.85	ng	99
84) Di-n-octyl phthalate	14.53	149	3039536	51.74	ng	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	2130704	49.15	ng	100
87) Benzo(b)fluoranthene	14.97	252	4128748	78.36	ng	99
88) Benzo(k)fluoranthene	14.97	252	4128748	111.68	ng	100
89) Benzo(a)pyrene	15.28	252	1973363	43.64	ng	100
90) Dibenzo(a,h)anthracene	16.71	278	1738193	44.10	ng	99
91) Benzo(g,h,i)perylene	17.09	276	1745463	43.57	ng	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

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PB95429BS

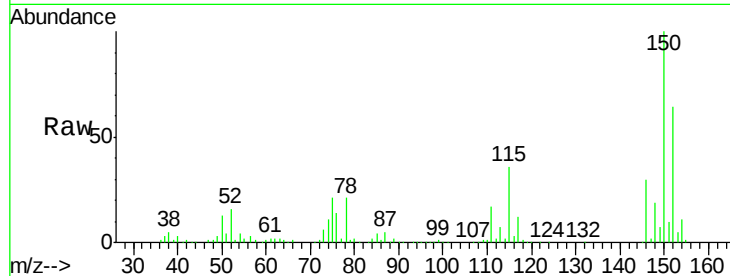
Tgt Ion:152 Resp: 321780

Ion Ratio Lower Upper

152 100

150 155.1 124.9 187.3

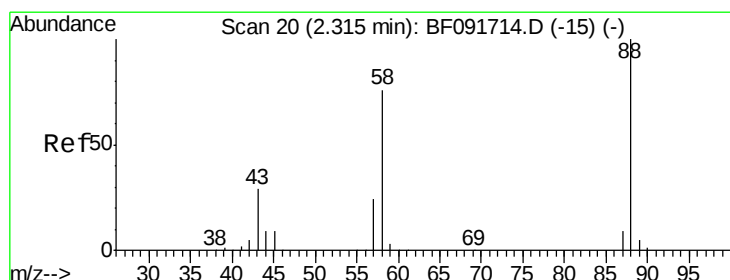
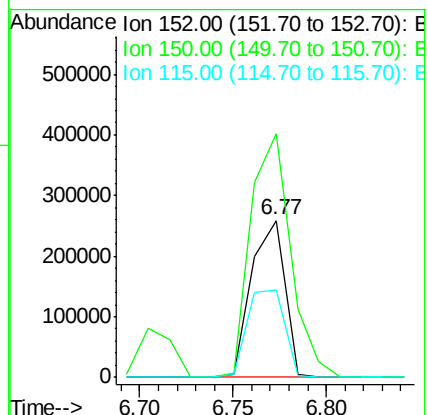
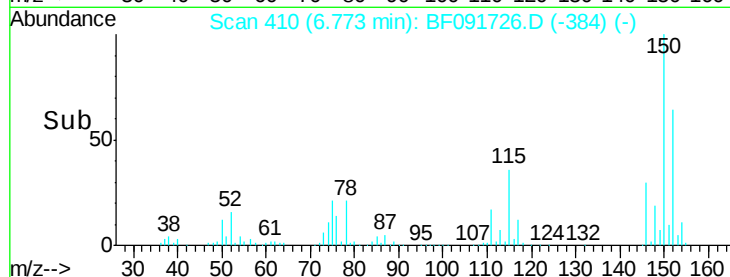
115 55.5 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.28 ng

RT: 2.43 min Scan# 30

Delta R.T. 0.11 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

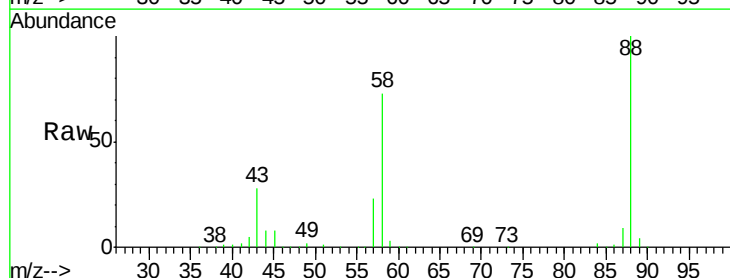
Tgt Ion: 88 Resp: 399919

Ion Ratio Lower Upper

88 100

58 73.1 57.8 86.8

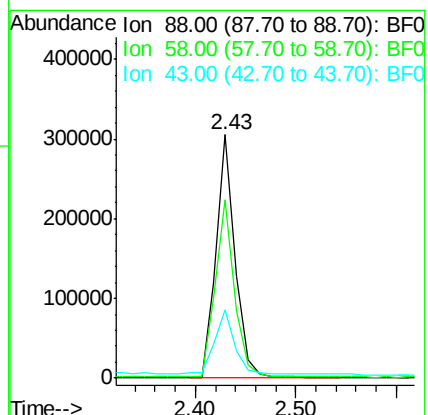
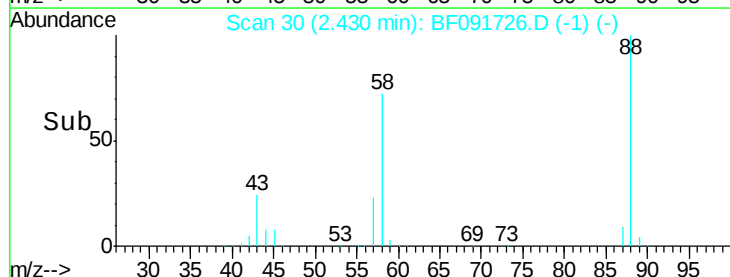
43 27.5 22.3 33.5

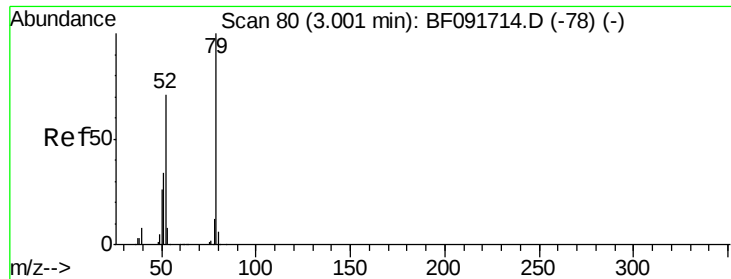


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.14 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.10 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampleId :

PB95429BS

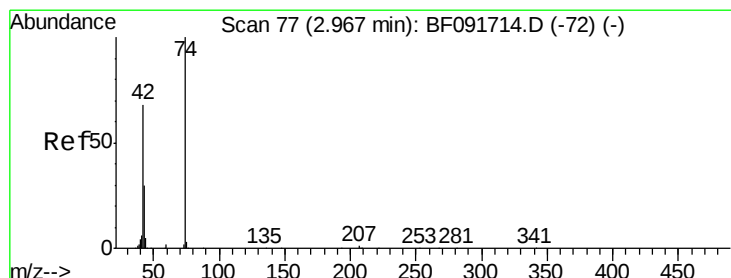
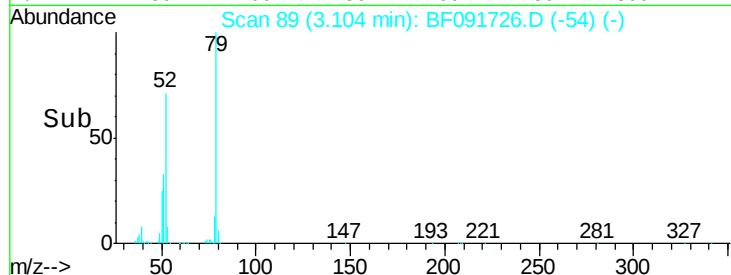
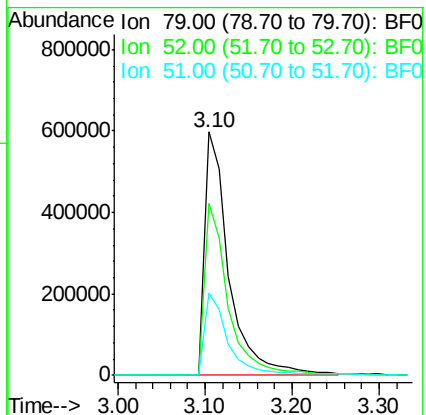
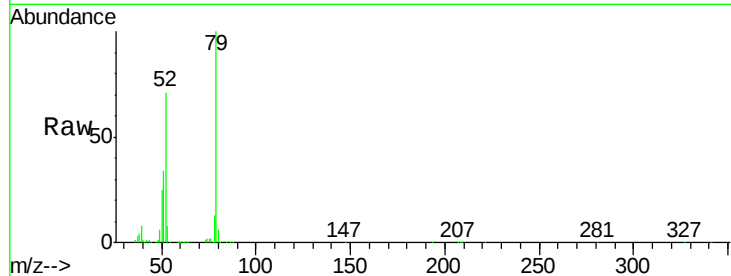
Tgt Ion: 79 Resp: 1162271

Ion Ratio Lower Upper

79 100

52 70.6 57.1 85.7

51 33.8 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 45.97 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.11 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

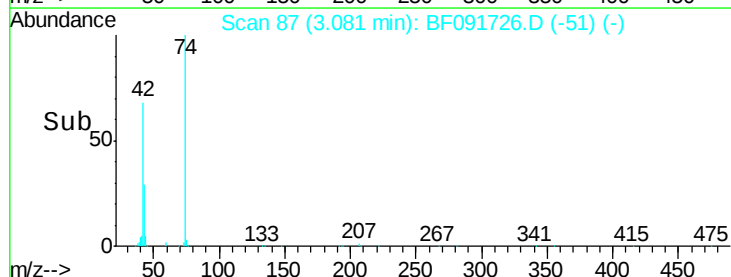
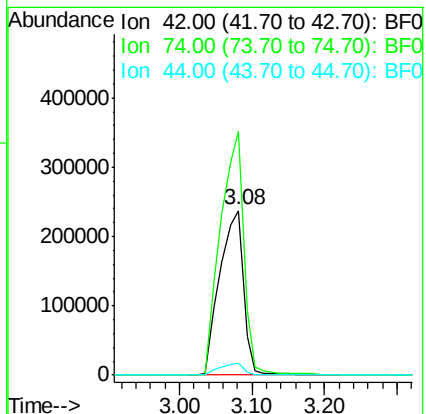
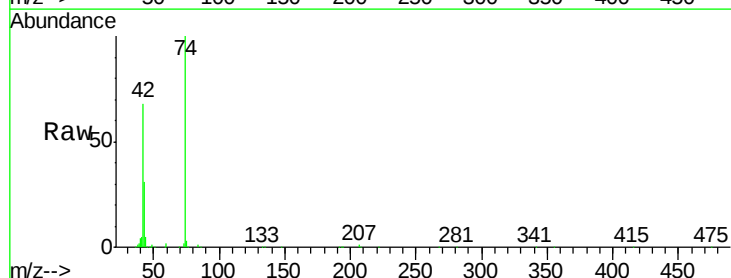
Tgt Ion: 42 Resp: 542115

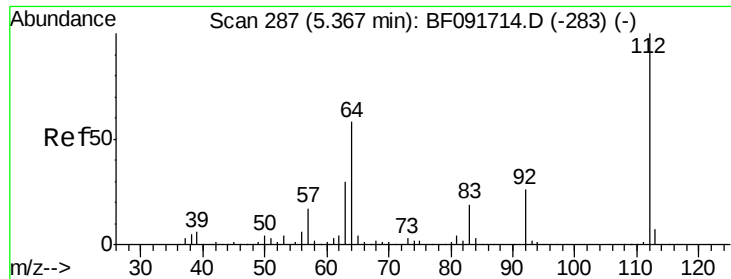
Ion Ratio Lower Upper

42 100

74 147.9 117.0 175.4

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 150.31 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.02 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampled :

PB95429BS

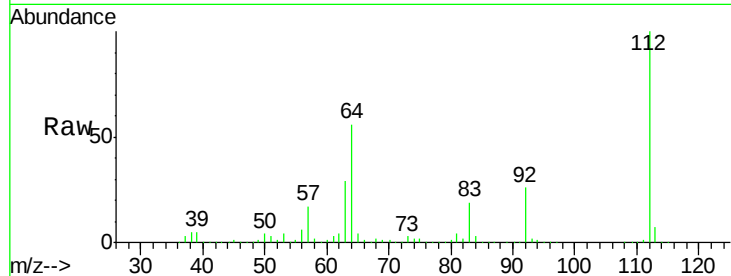
Tgt Ion: 112 Resp: 2886846

Ion Ratio Lower Upper

112 100

64 56.1 46.1 69.1

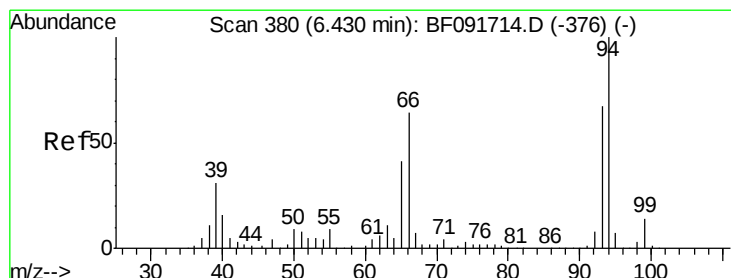
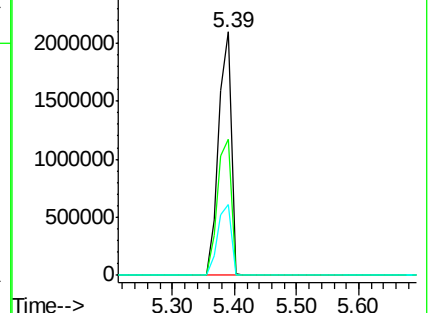
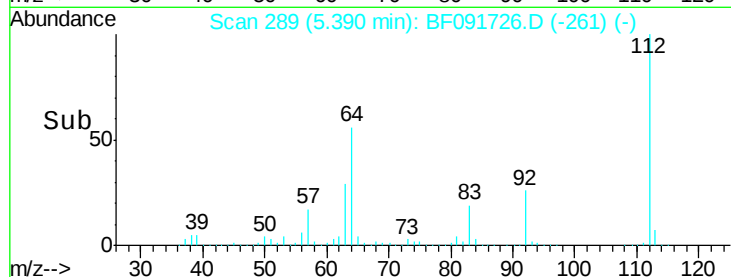
63 29.0 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.37 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

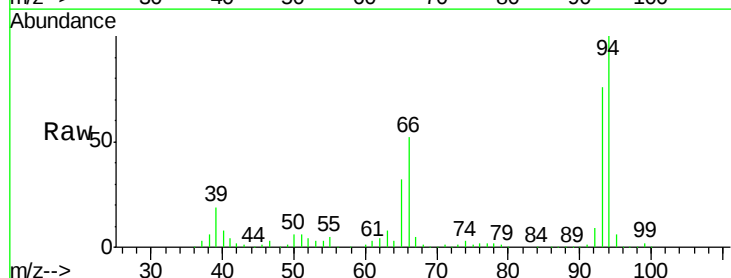
Tgt Ion: 93 Resp: 523569

Ion Ratio Lower Upper

93 100

66 68.1 76.2 114.2#

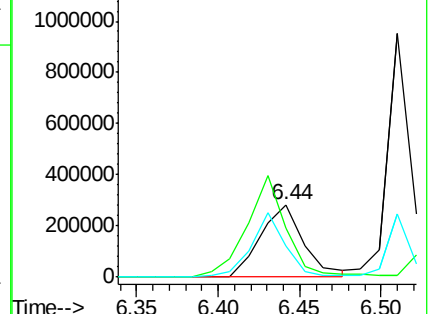
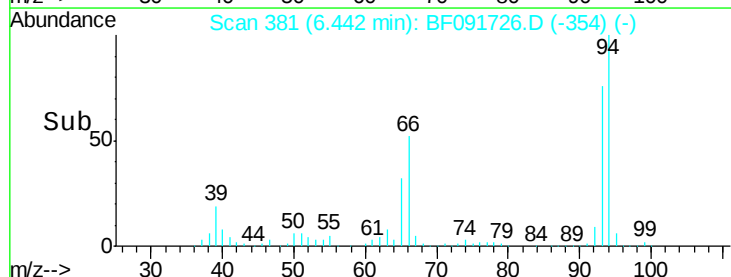
65 42.2 49.3 73.9#

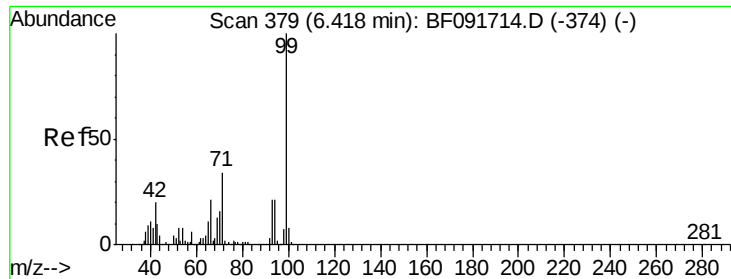


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.44 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

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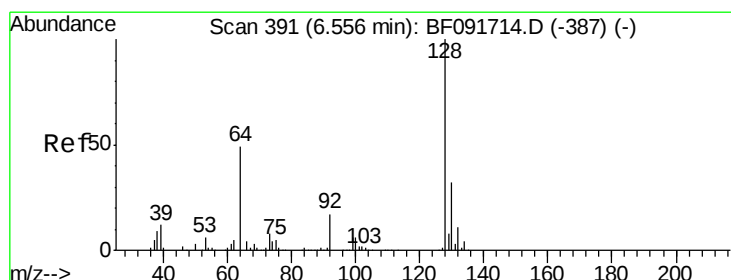
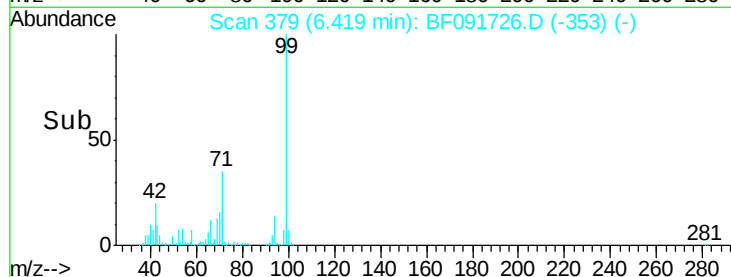
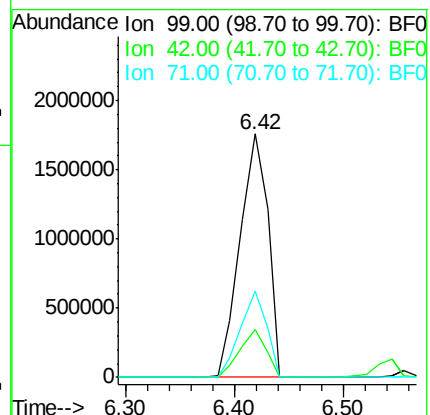
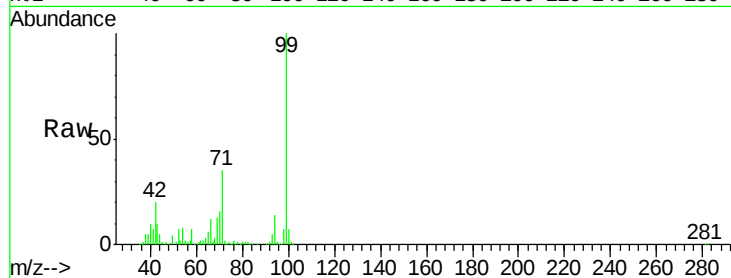
Tgt Ion: 99 Resp: 3125754

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

71 35.3 27.5 41.3



#8

2-Chlorophenol

Concen: 42.90 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

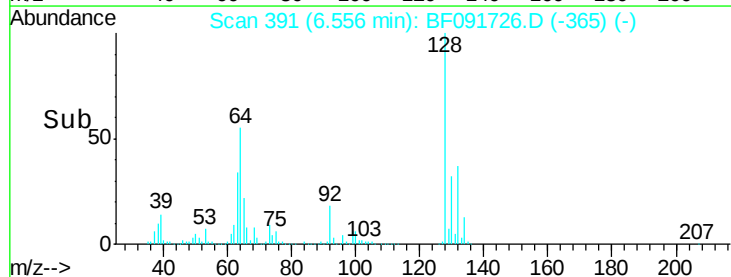
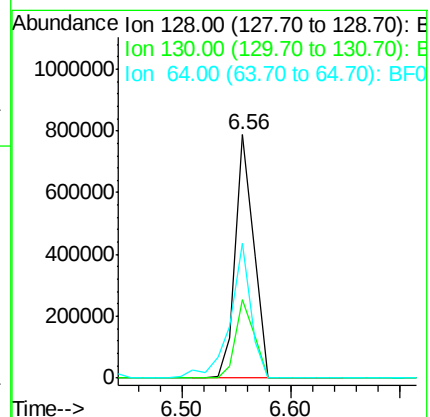
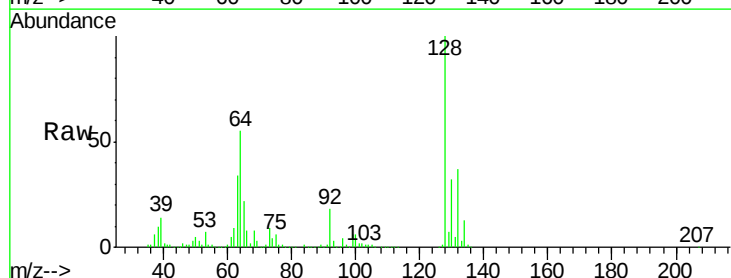
Tgt Ion: 128 Resp: 906975

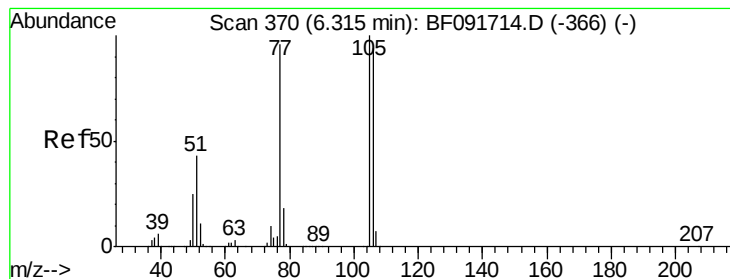
Ion Ratio Lower Upper

128 100

130 32.1 12.3 52.3

64 55.5 32.2 72.2





#9

Benzaldehyde

Concen: 8.28 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

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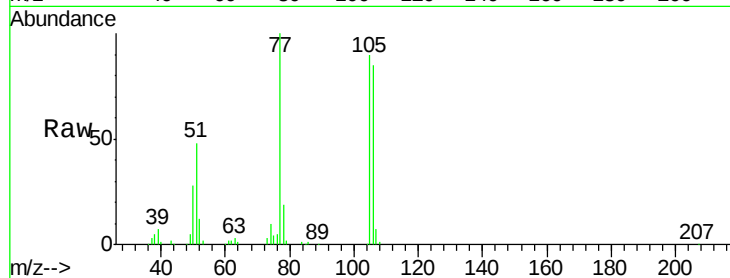
Tgt Ion: 77 Resp: 150048

Ion Ratio Lower Upper

77 100

105 89.9 83.9 123.9

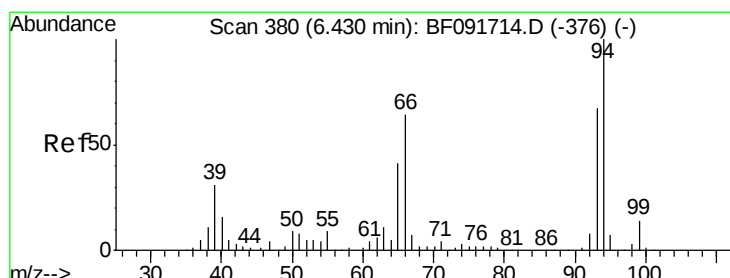
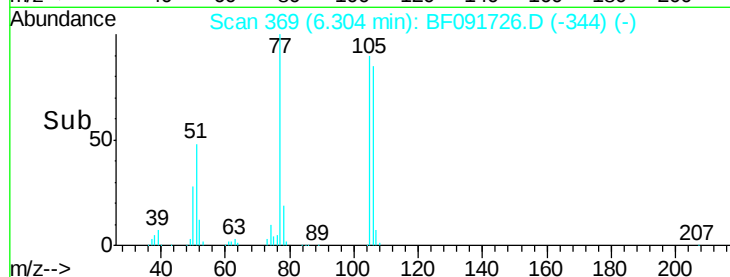
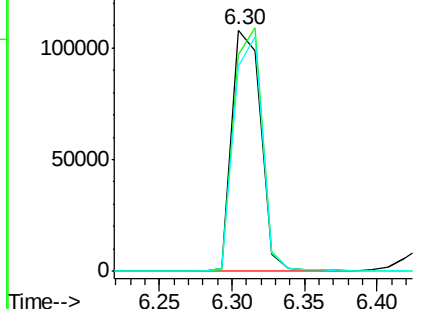
106 85.2 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.13 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

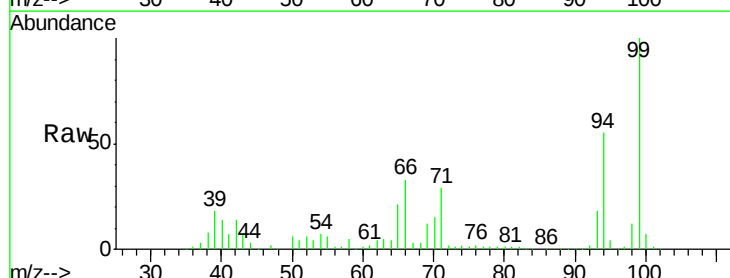
Tgt Ion: 94 Resp: 927486

Ion Ratio Lower Upper

94 100

65 38.3 21.4 61.4

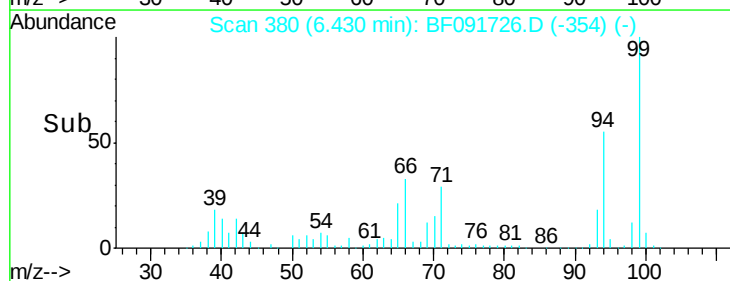
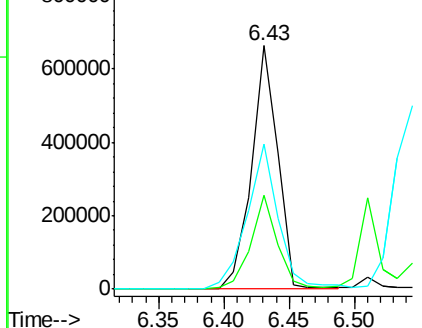
66 59.6 44.0 84.0

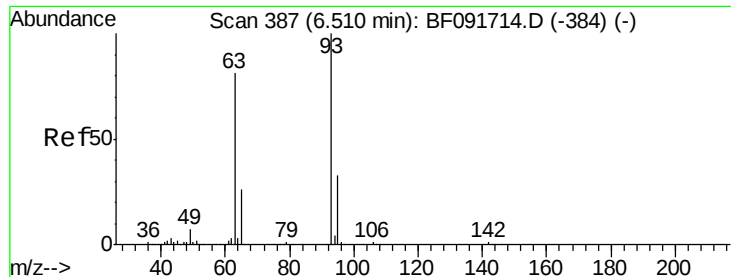


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

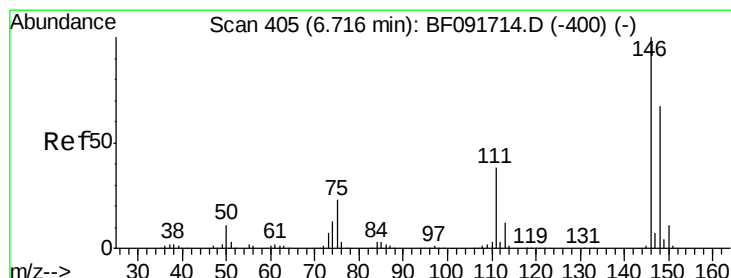
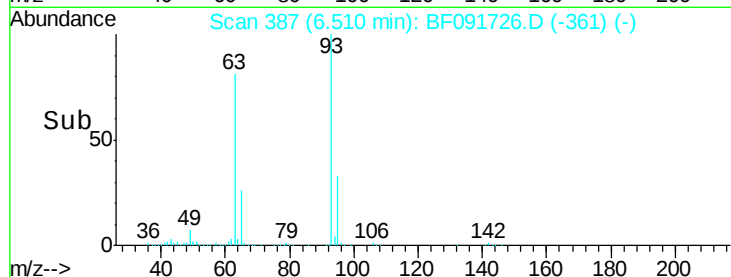
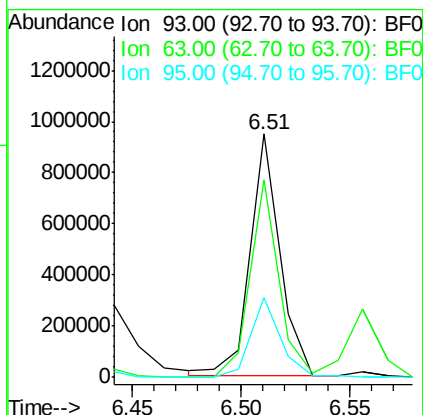
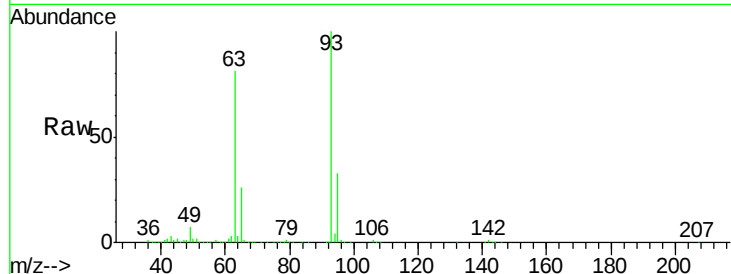




#11
 bis(2-Chloroethyl)ether
 Concen: 42.74 ng
 RT: 6.51 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF091726.D
 Acq: 18 Dec 2016 2:35

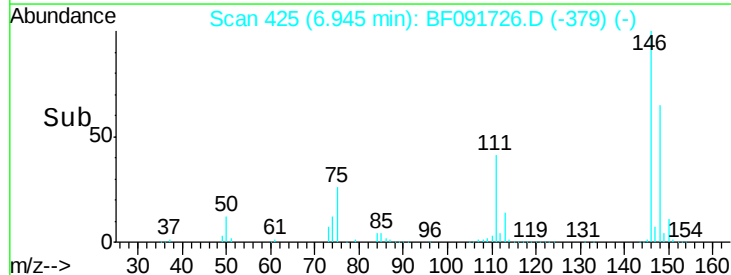
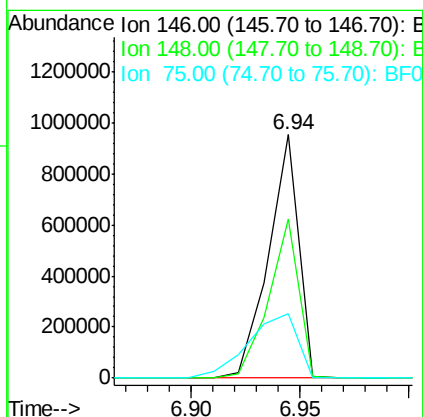
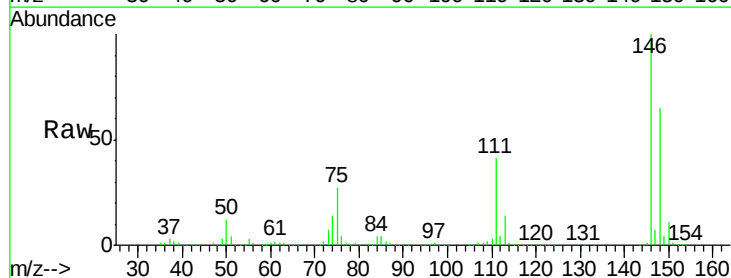
Instrument :
 BNA_F
 ClientSampleId :
 PB95429BS

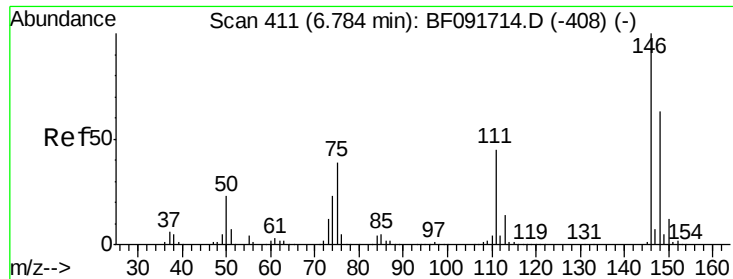
Tgt Ion: 93 Resp: 901168
 Ion Ratio Lower Upper
 93 100
 63 81.1 60.4 100.4
 95 32.9 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 40.05 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.23 min
 Lab File: BF091726.D
 Acq: 18 Dec 2016 2:35

Tgt Ion: 146 Resp: 929855
 Ion Ratio Lower Upper
 146 100
 148 65.5 53.4 80.0
 75 26.5 18.5 27.7

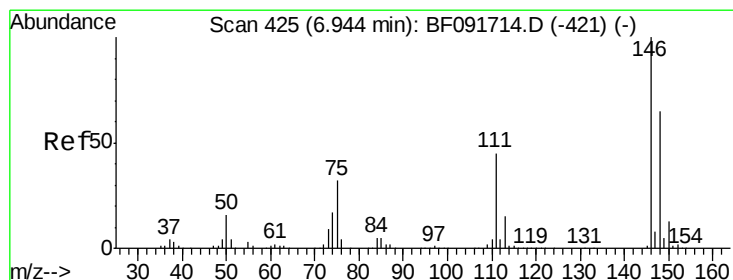
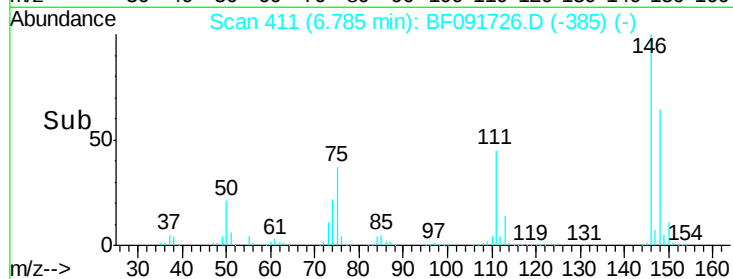
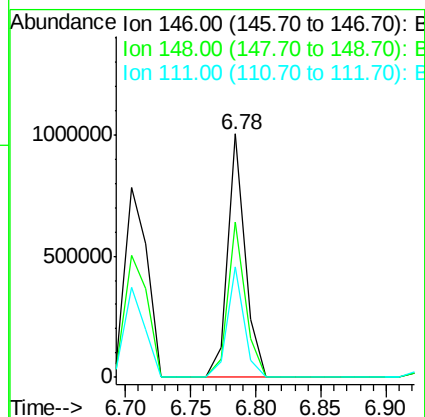
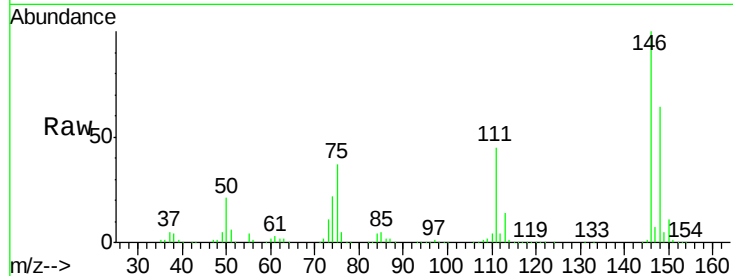




#13
 1,4-Dichlorobenzene
 Concen: 39.90 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF091726.D
 Acq: 18 Dec 2016 2:35

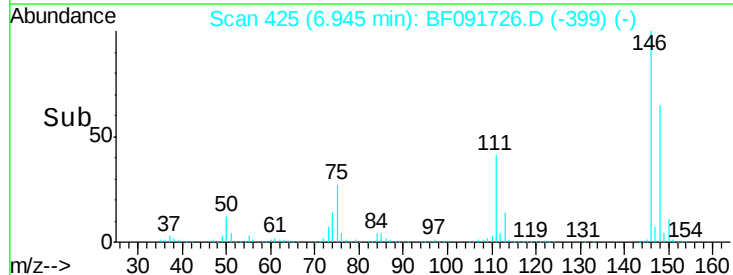
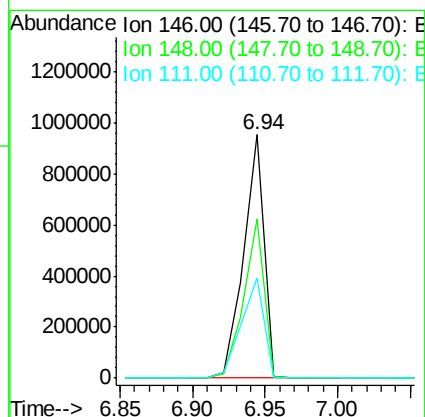
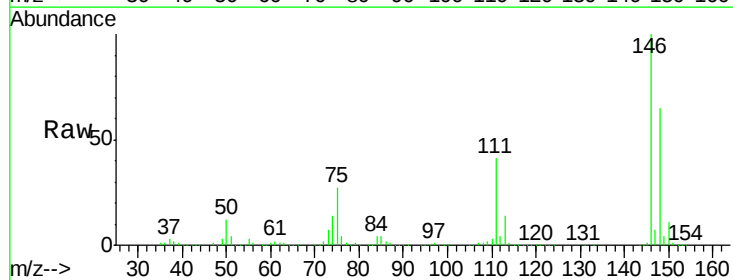
Instrument :
 BNA_F
 ClientSampleId :
 PB95429BS

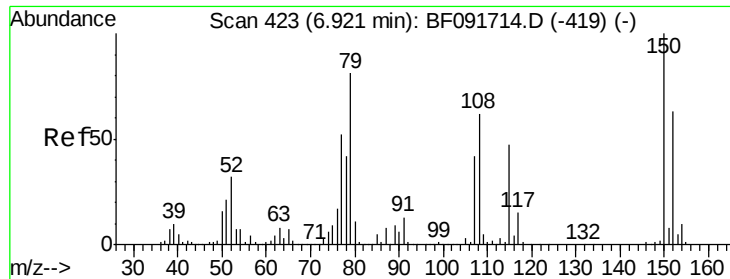
Tgt Ion:146 Resp: 937205
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 76.0
 111 45.1 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 45.22 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF091726.D
 Acq: 18 Dec 2016 2:35

Tgt Ion:146 Resp: 930434
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.2
 111 41.3 36.2 54.2

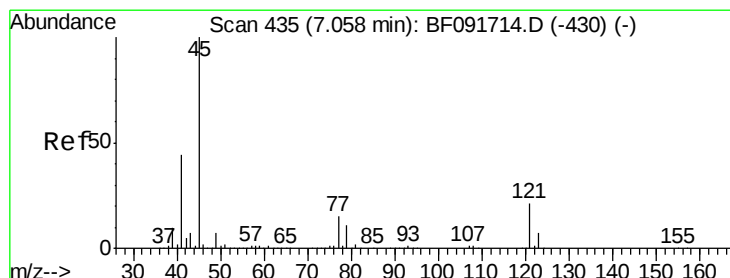
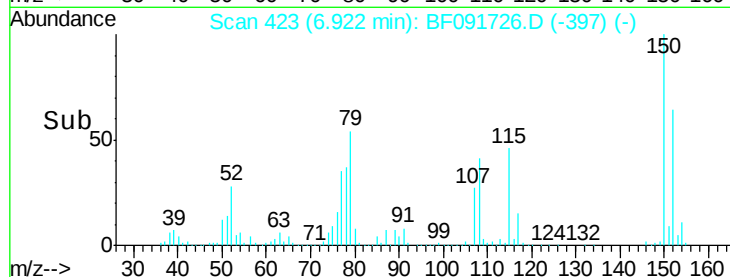
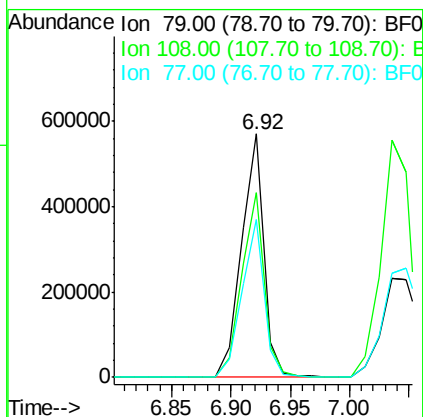
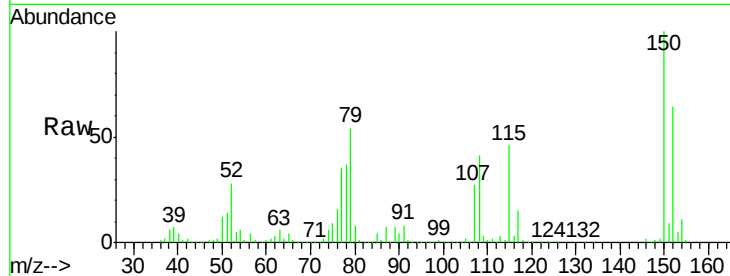




#15
Benzyl Alcohol
Concen: 41.39 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF091726.D
Acq: 18 Dec 2016 2:35

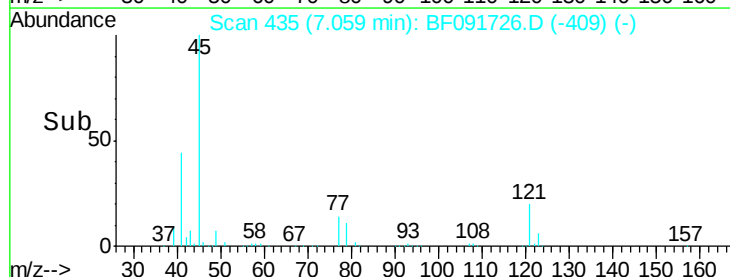
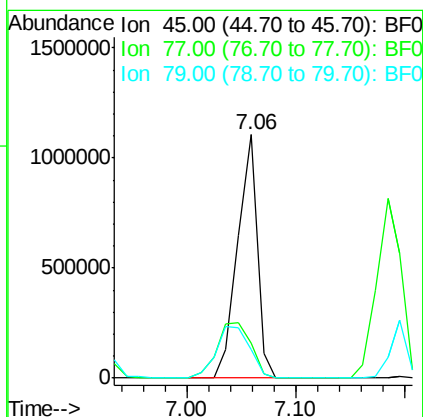
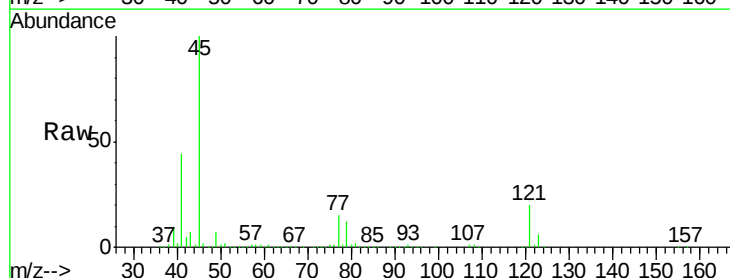
Instrument :
BNA_F
ClientSampleId :
PB95429BS

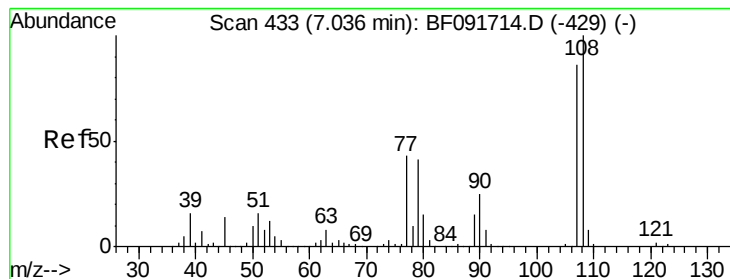
Tgt Ion: 79 Resp: 750638
Ion Ratio Lower Upper
79 100
108 75.8 61.4 92.0
77 65.0 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.58 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091726.D
Acq: 18 Dec 2016 2:35

Tgt Ion: 45 Resp: 1371876
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.6
79 11.5 0.0 31.2





#17

2-Methylphenol

Concen: 45.70 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampleId :

PB95429BS

Tgt Ion:107 Resp: 807411

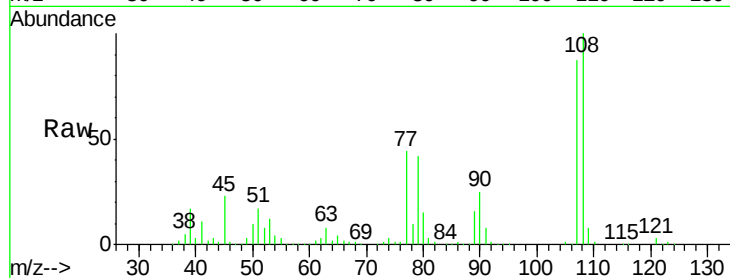
Ion Ratio Lower Upper

107 100

108 114.4 93.0 139.6

77 50.3 39.8 59.8

79 47.8 38.0 57.0

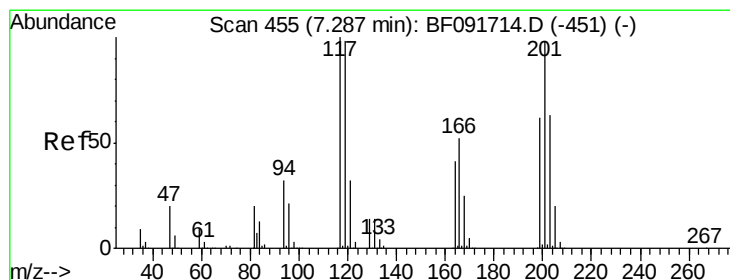
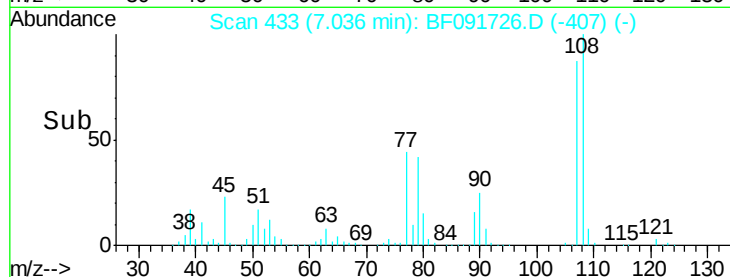
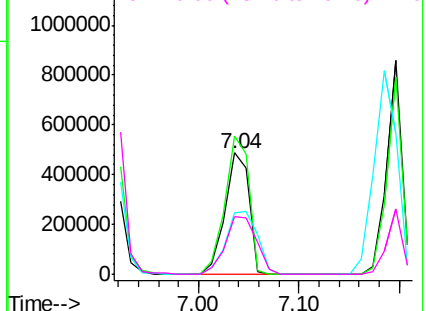


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.90 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

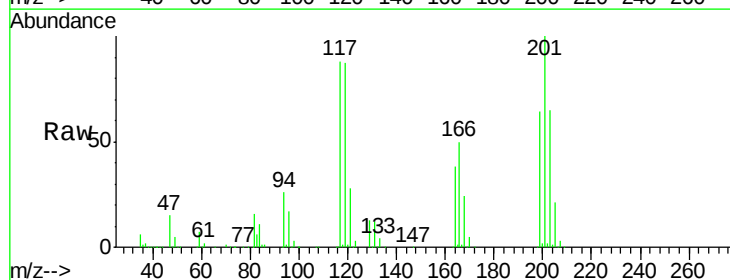
Tgt Ion:117 Resp: 383186

Ion Ratio Lower Upper

117 100

119 98.9 78.1 117.1

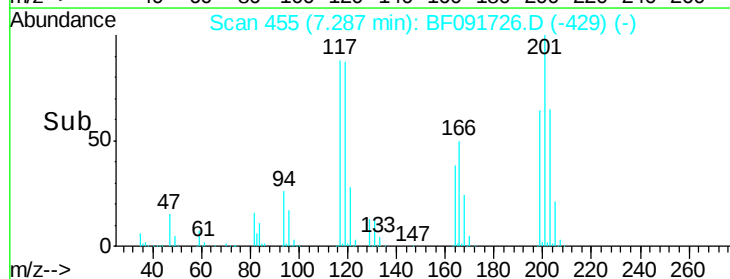
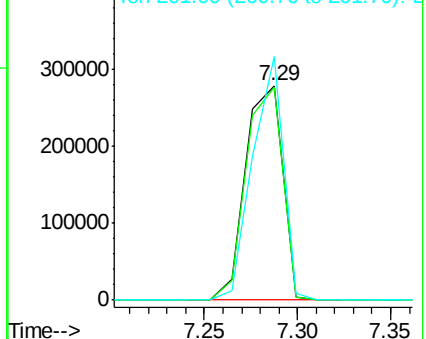
201 113.5 78.6 117.8

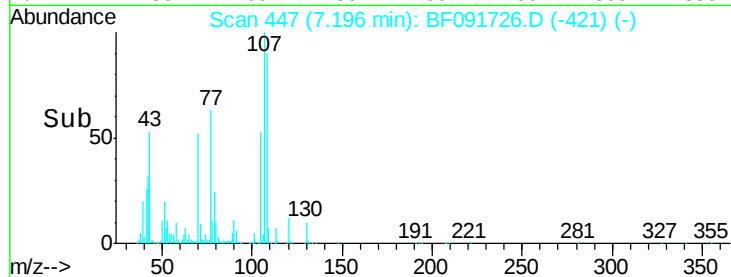
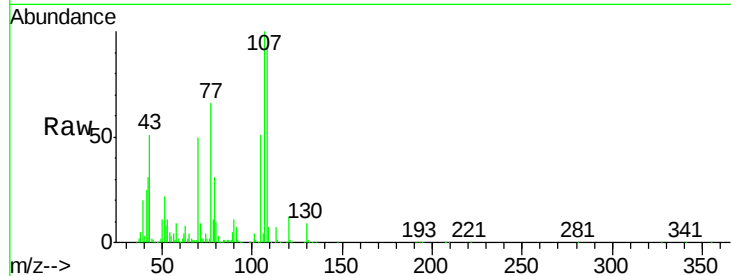
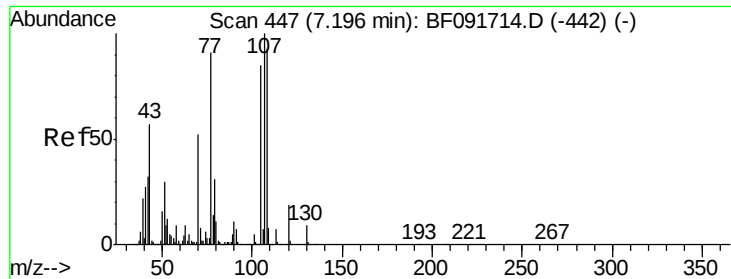


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

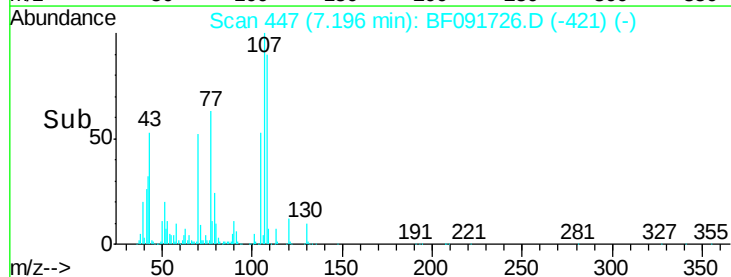
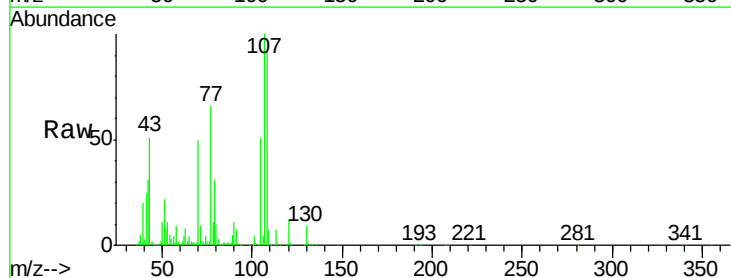
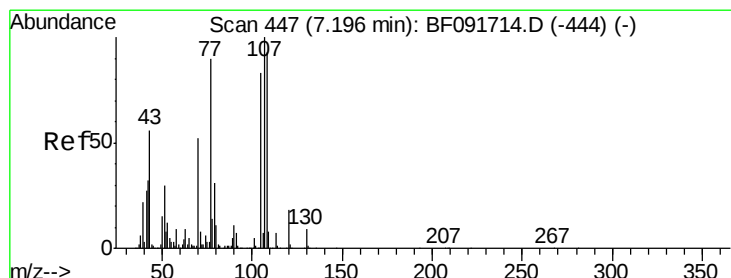
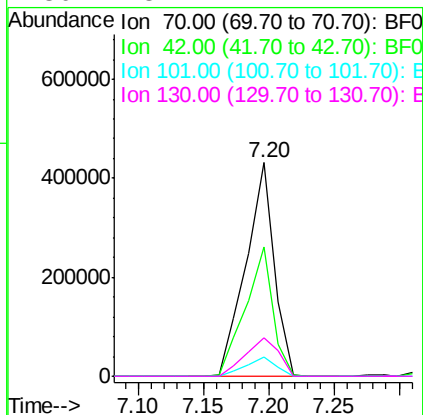




#19
n-Nitroso-di-n-propylamine
Concen: 41.98 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091726.D
Acq: 18 Dec 2016 2:35

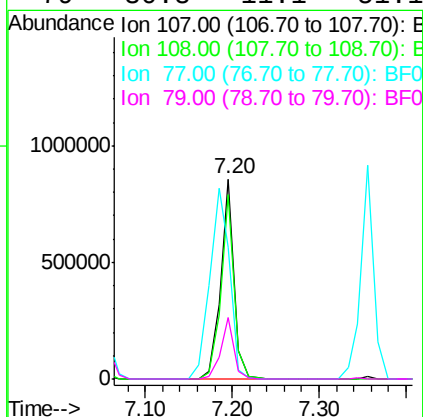
Instrument :
BNA_F
ClientSampleId :
PB95429BS

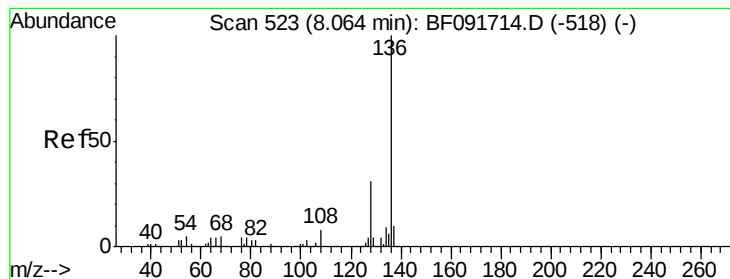
Tgt Ion:	70	Resp:	654037
Ion	Ratio	Lower	Upper
70	100		
42	60.8	49.4	74.0
101	8.9	7.4	11.2
130	18.2	14.2	21.4



#20
3+4-Methylphenols
Concen: 46.98 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091726.D
Acq: 18 Dec 2016 2:35

Tgt Ion:	107	Resp:	925785
Ion	Ratio	Lower	Upper
107	100		
108	92.2	73.0	113.0
77	66.0	71.3	111.3#
79	30.8	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampleId :

PB95429BS

Tgt Ion:136 Resp: 1269486

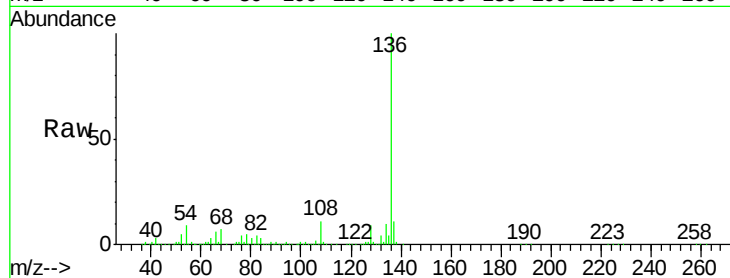
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 8.9 4.5 6.7#

68 7.0 3.6 5.4#

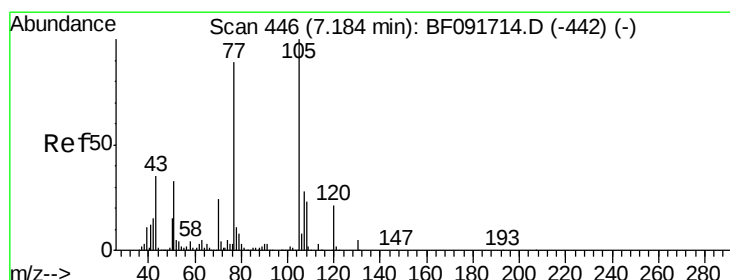
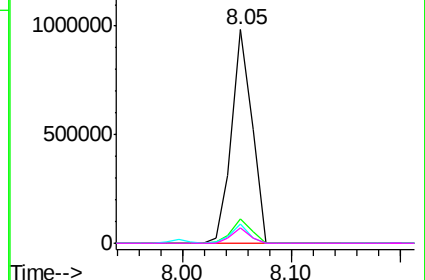
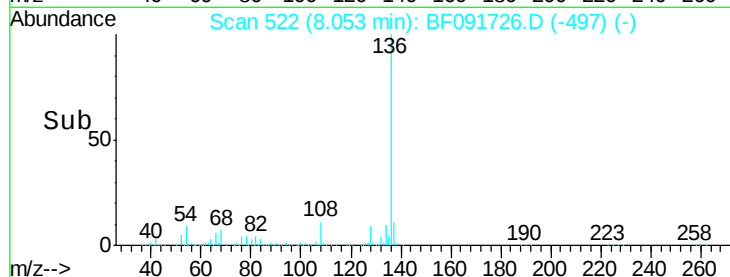


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.45 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Tgt Ion:105 Resp: 1331704

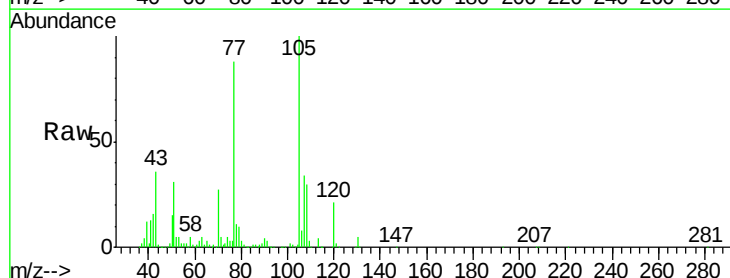
Ion Ratio Lower Upper

105 100

71 4.6 3.2 4.8

51 31.5 26.2 39.4

120 20.8 16.6 24.8

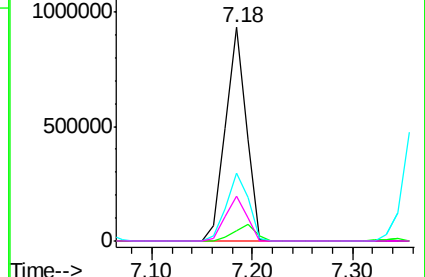
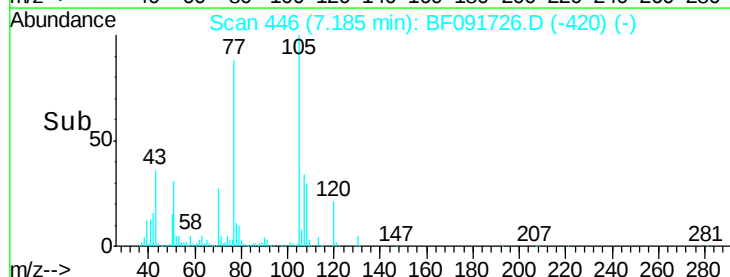


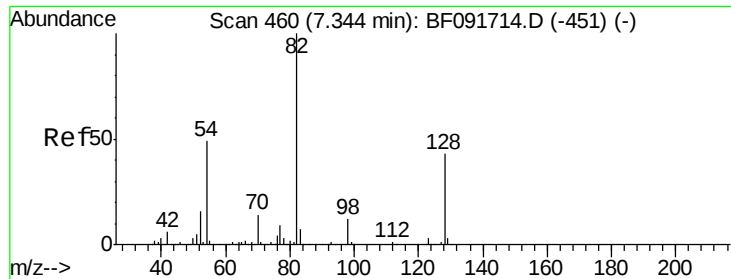
Abundance Ion 105.00 (104.70 to 105.70): E

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

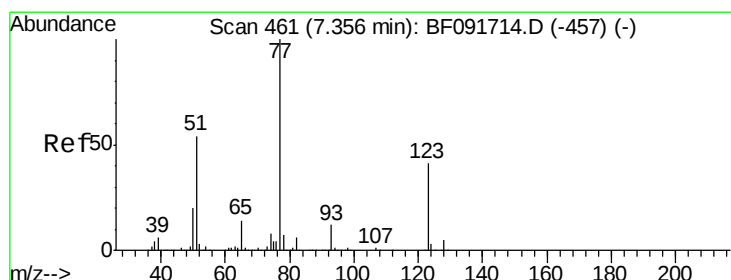
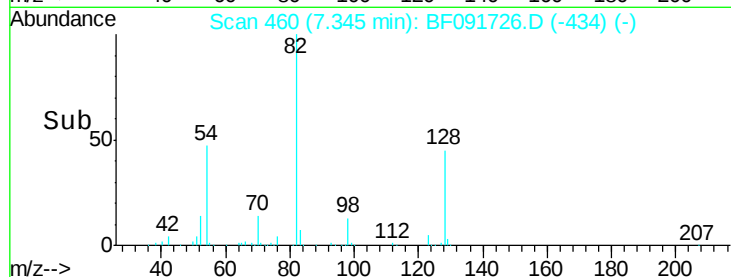
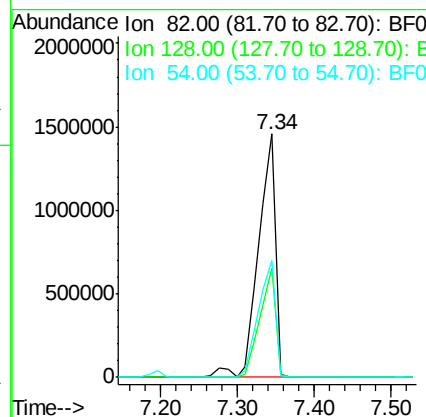
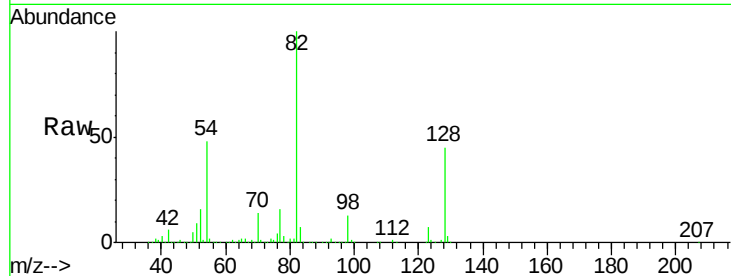




#23
 Nitrobenzene-d5
 Concen: 100.44 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF091726.D
 Acq: 18 Dec 2016 2:35

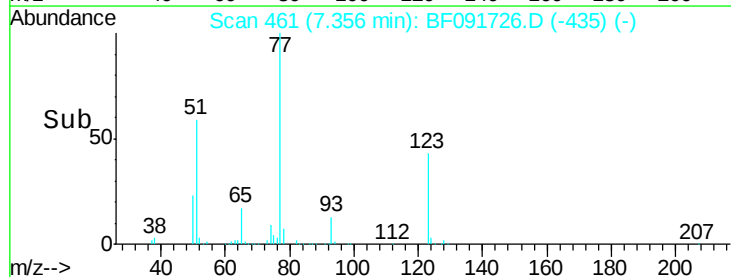
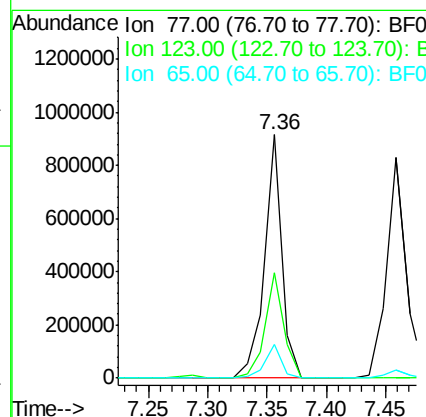
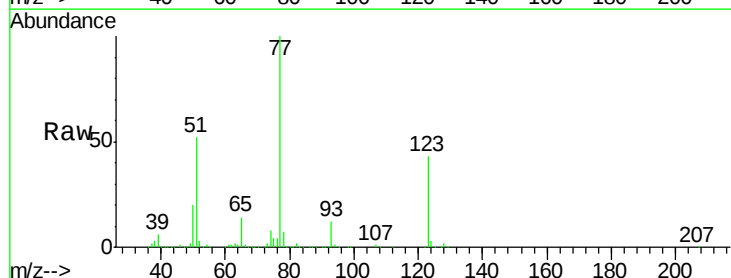
Instrument :
 BNA_F
 ClientSampleId :
 PB95429BS

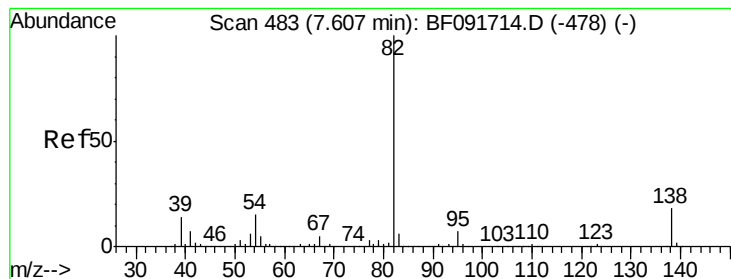
Tgt Ion: 82 Resp: 2211051
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.6 52.0
 54 48.2 39.5 59.3



#24
 Nitrobenzene
 Concen: 39.68 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF091726.D
 Acq: 18 Dec 2016 2:35

Tgt Ion: 77 Resp: 938094
 Ion Ratio Lower Upper
 77 100
 123 43.1 33.0 49.4
 65 13.8 11.2 16.8





#25

Isophorone

Concen: 47.41 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampleId :

PB95429BS

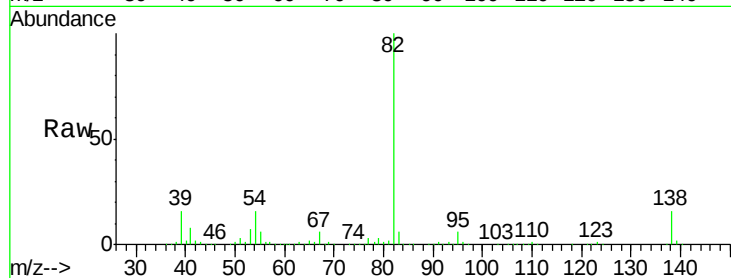
Tgt Ion: 82 Resp: 1991388

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

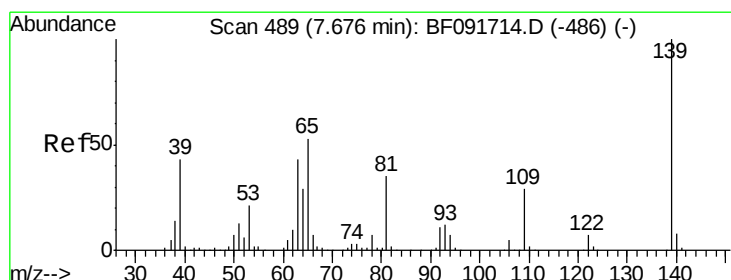
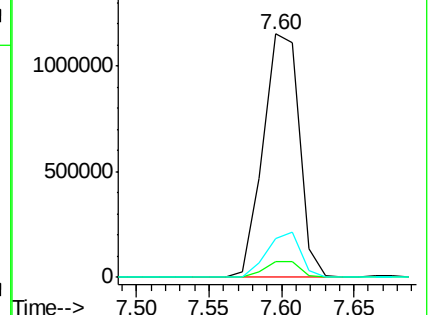
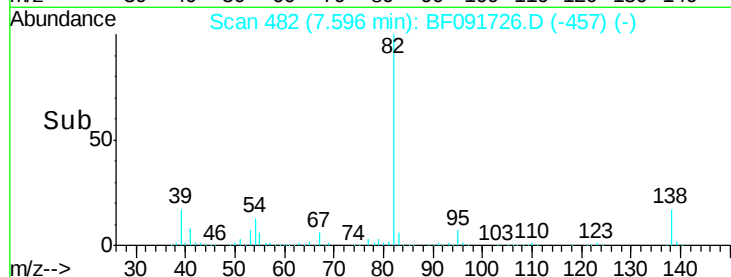
138 16.0 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 48.45 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

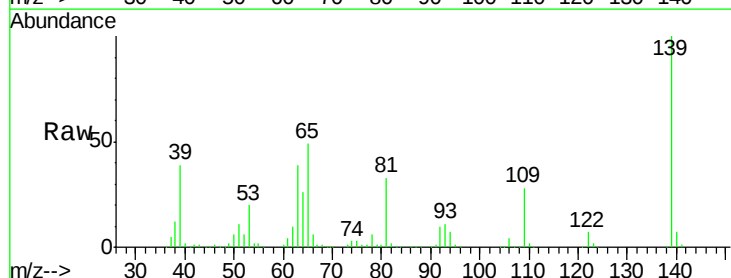
Tgt Ion: 139 Resp: 552467

Ion Ratio Lower Upper

139 100

109 28.0 23.3 34.9

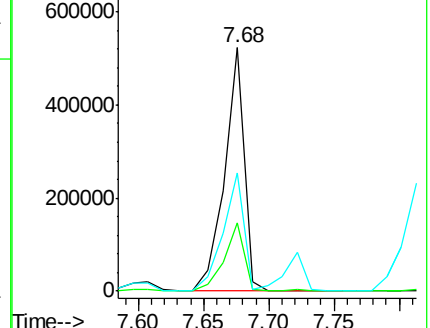
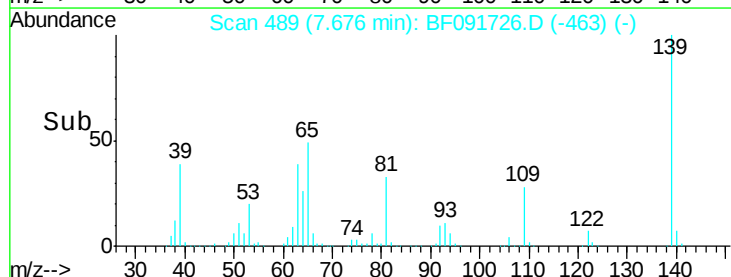
65 48.6 42.7 64.1

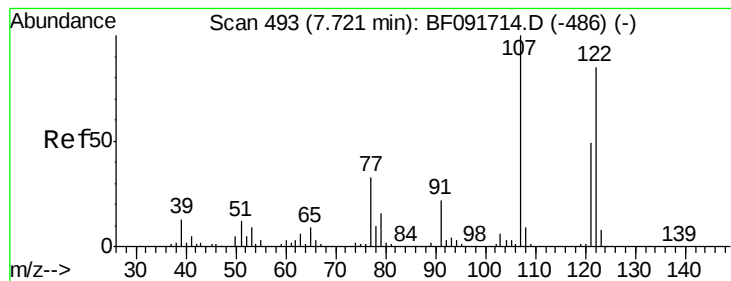


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

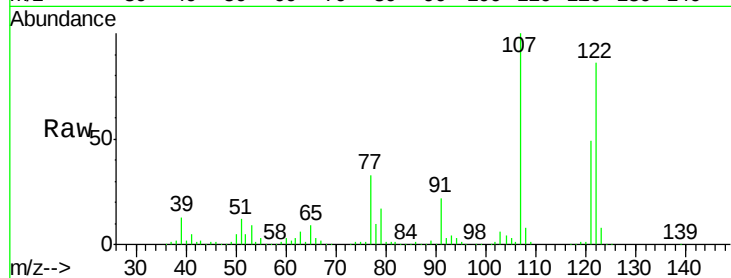




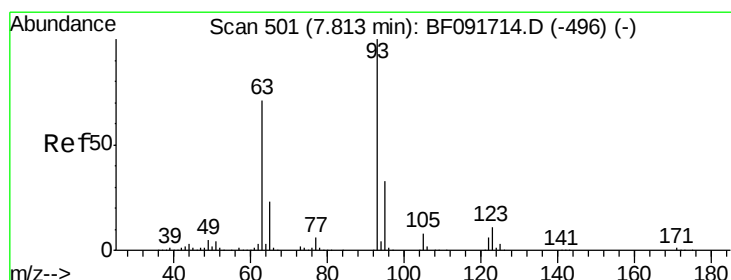
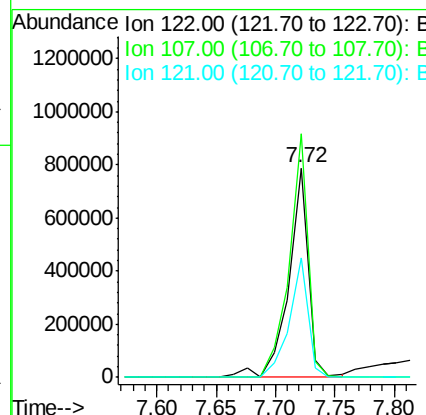
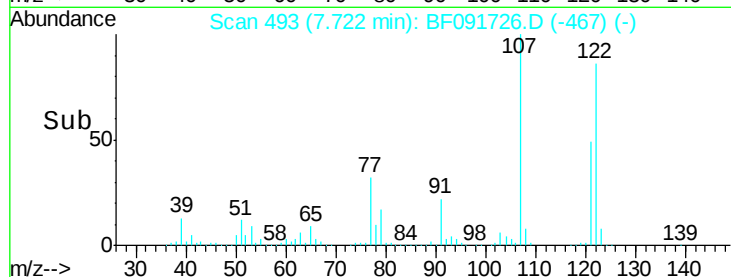
#27
2,4-Dimethylphenol
Concen: 48.14 ng
RT: 7.72 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF091726.D
Acq: 18 Dec 2016 2:35

Instrument :
BNA_F
ClientSampleId :
PB95429BS

Tgt Ion:122 Resp: 895547
Ion Ratio Lower Upper
122 100
107 116.2 94.1 141.1
121 57.2 46.0 69.0

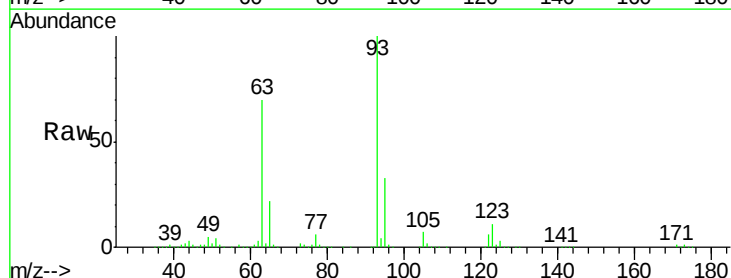


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

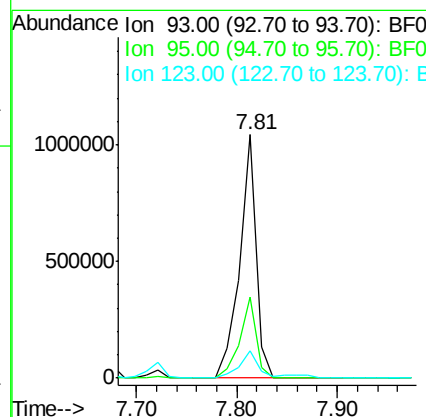
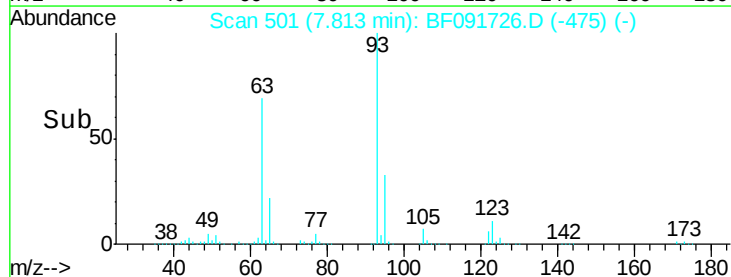


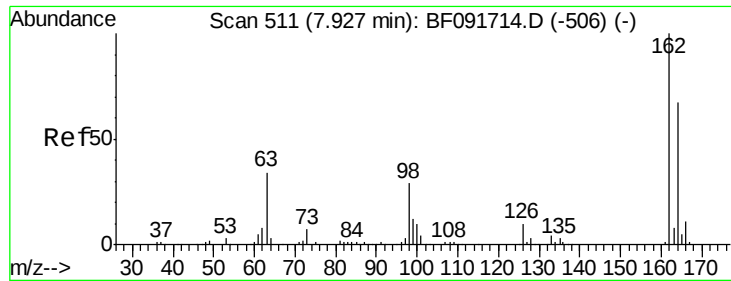
#28
bis(2-Chloroethoxy)methane
Concen: 48.43 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF091726.D
Acq: 18 Dec 2016 2:35

Tgt Ion: 93 Resp: 1190219
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 11.1 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

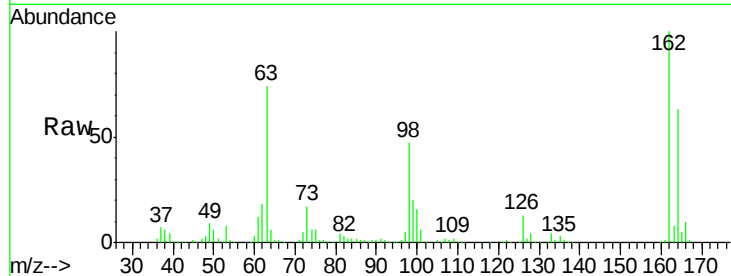




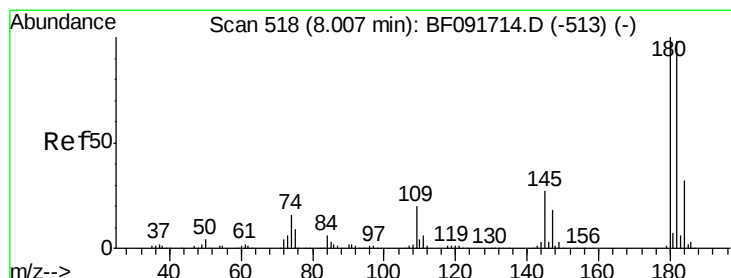
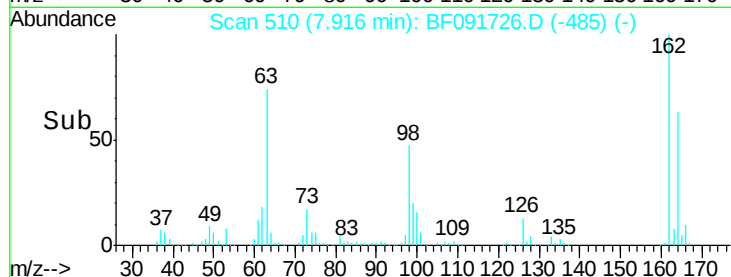
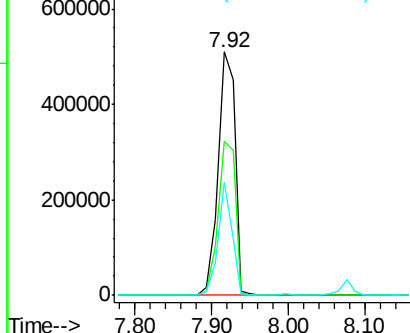
#29
2,4-Dichlorophenol
Concen: 46.16 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF091726.D
Acq: 18 Dec 2016 2:35

Instrument :
BNA_F
ClientSampleId :
PB95429BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	791991		
164	63.3	46.8	86.8	
98	46.5	9.1	49.1	

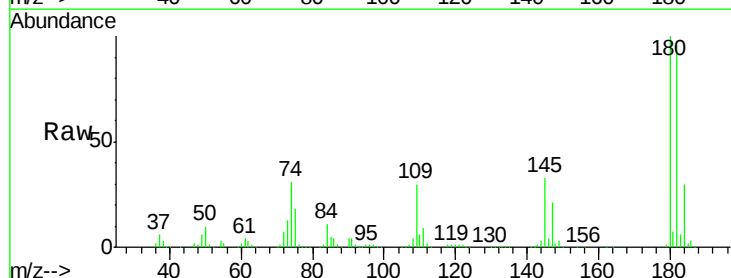


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

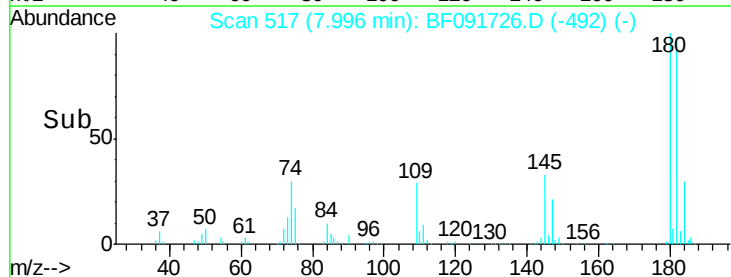
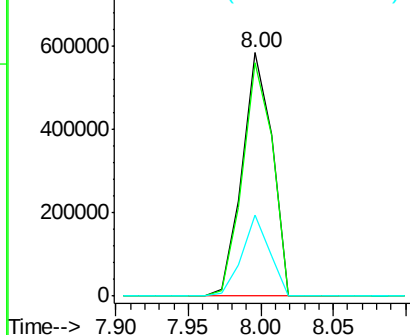


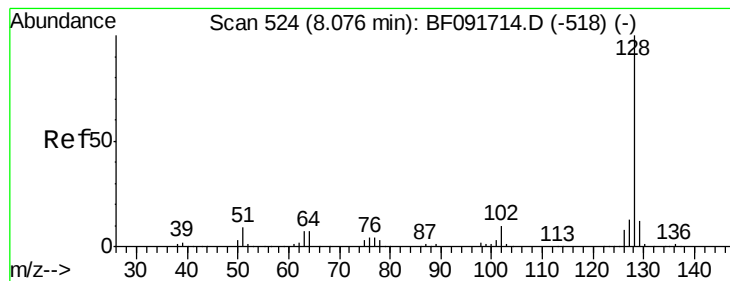
#30
1,2,4-Trichlorobenzene
Concen: 44.75 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF091726.D
Acq: 18 Dec 2016 2:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	832063		
182	95.6	78.2	117.4	
145	33.0	21.6	32.4	



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





#31

Naphthalene

Concen: 41.31 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampled :

PB95429BS

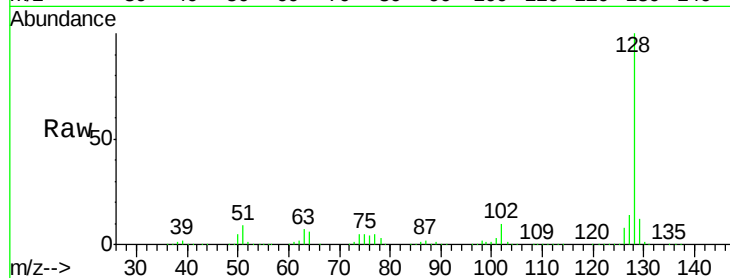
Tgt Ion:128 Resp: 2505687

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

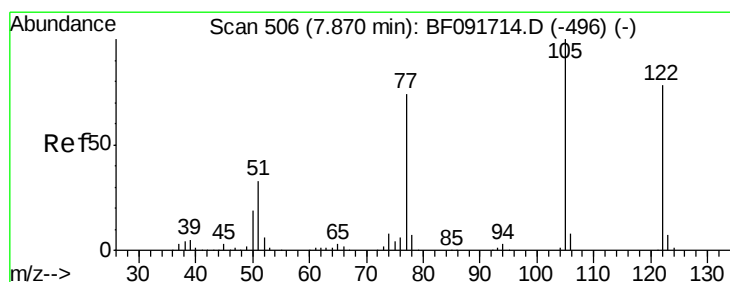
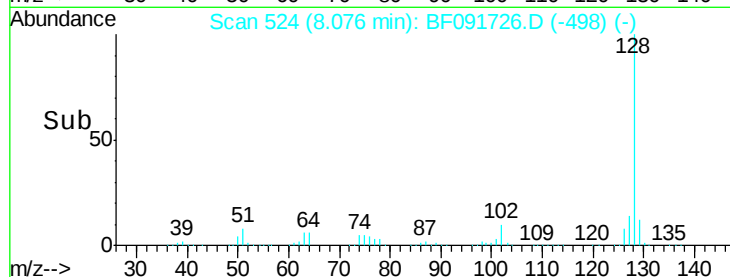
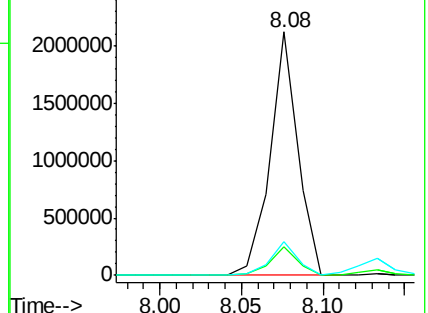
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.57 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

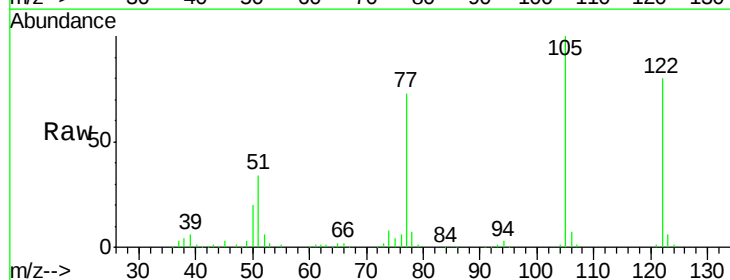
Tgt Ion:122 Resp: 630703

Ion Ratio Lower Upper

122 100

105 125.6 107.2 147.2

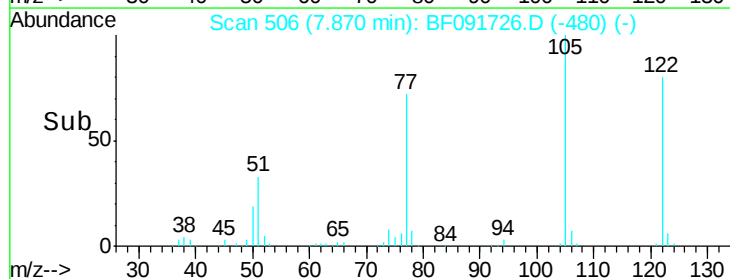
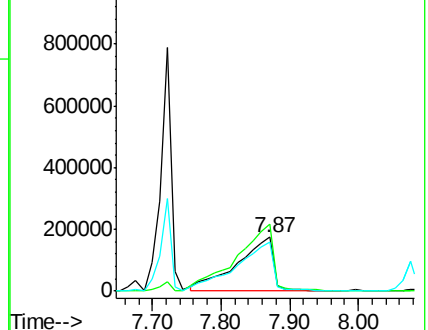
77 91.6 74.5 114.5

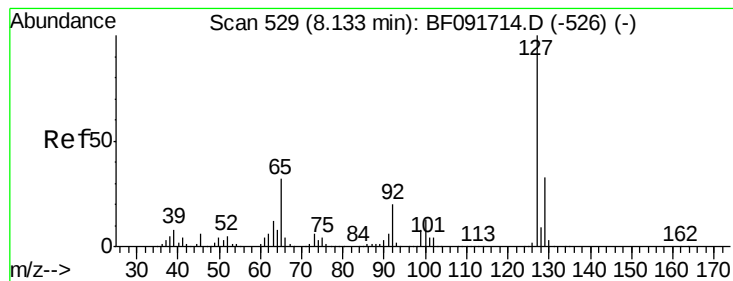


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.15 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampleId :

PB95429BS

Tgt Ion:127 Resp: 233872

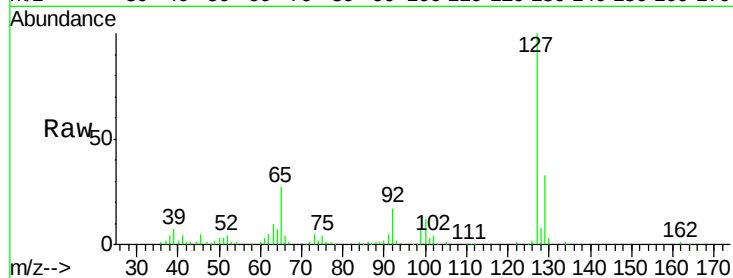
Ion Ratio Lower Upper

127 100

129 33.1 26.3 39.5

65 26.9 25.8 38.8

92 17.0 16.1 24.1

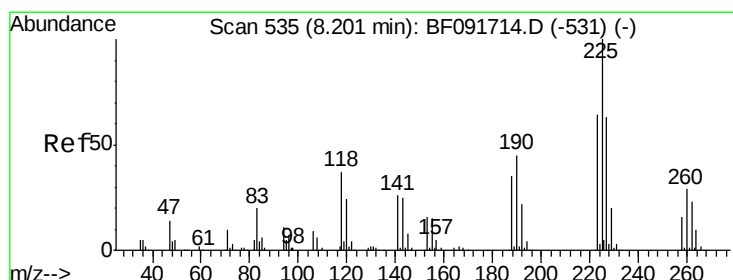
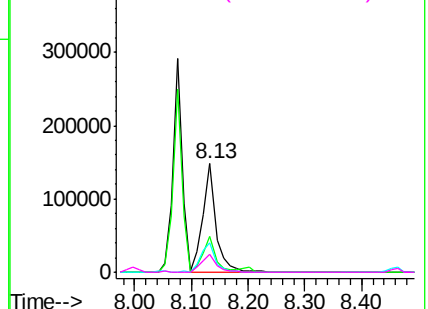
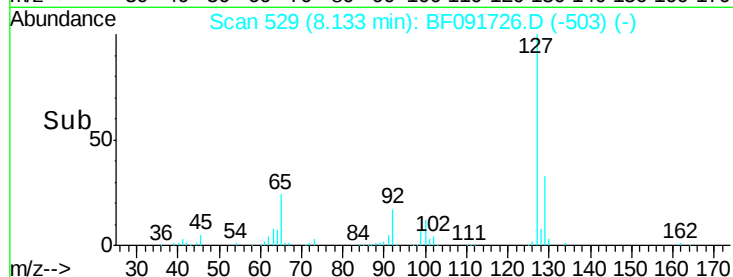


Abundance Ion 127.00 (126.70 to 127.70): E

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: 45.76 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

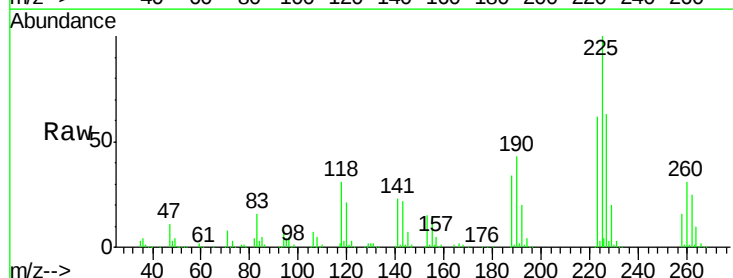
Tgt Ion:225 Resp: 478442

Ion Ratio Lower Upper

225 100

223 61.7 51.0 76.6

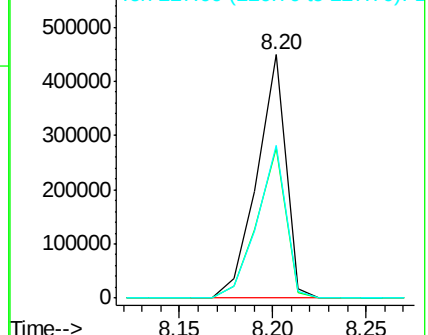
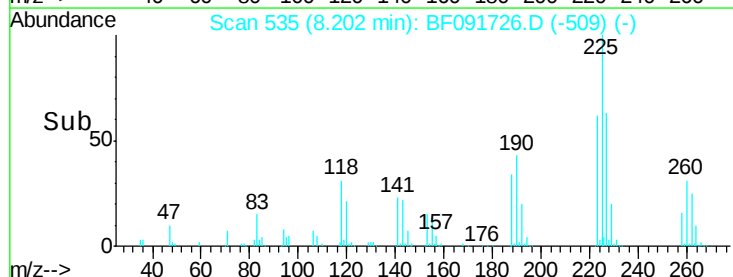
227 63.0 50.6 76.0

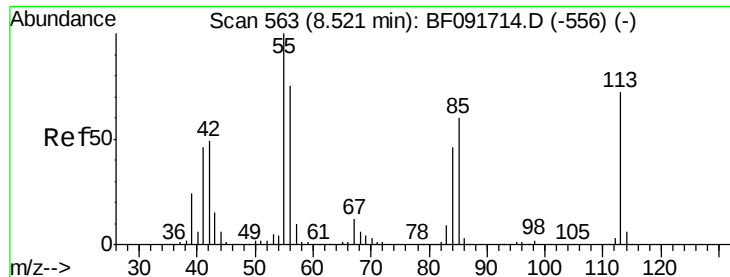


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

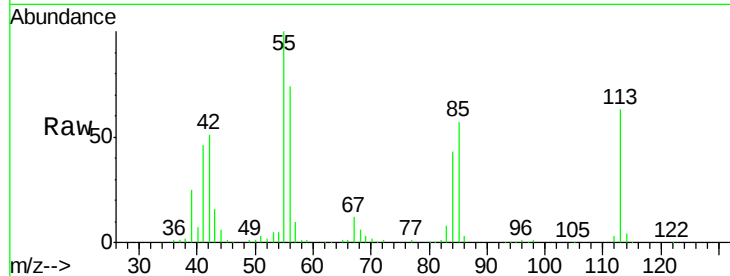




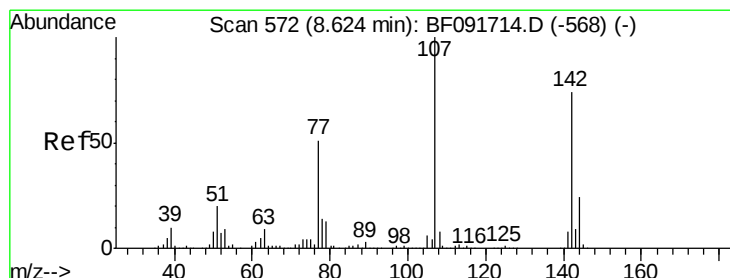
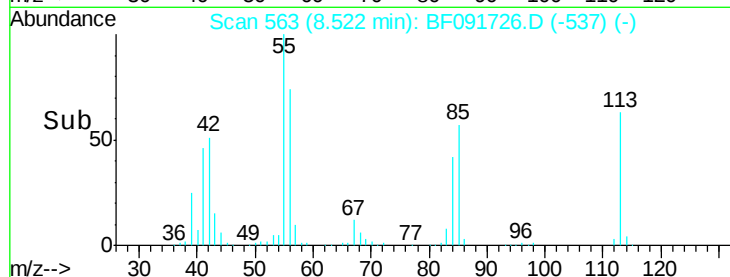
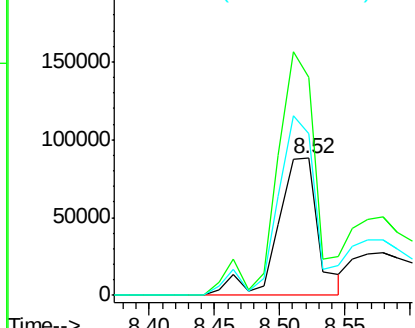
#35
 Caprolactam
 Concen: 34.09 ng
 RT: 8.52 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: BF091726.D
 Acq: 18 Dec 2016 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PB95429BS

Tgt Ion:113 Resp: 188191
 Ion Ratio Lower Upper
 113 100
 55 159.1 119.2 159.2
 56 118.1 83.8 123.8

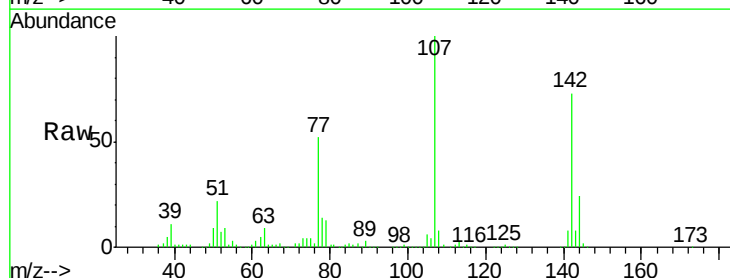


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

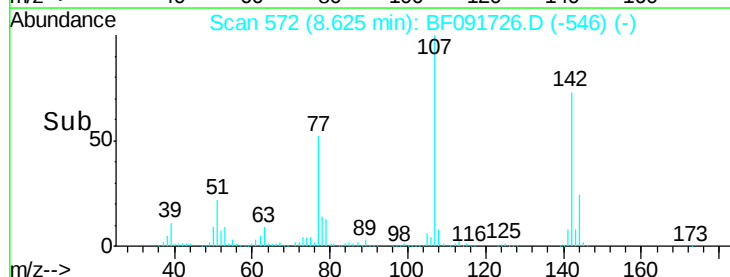
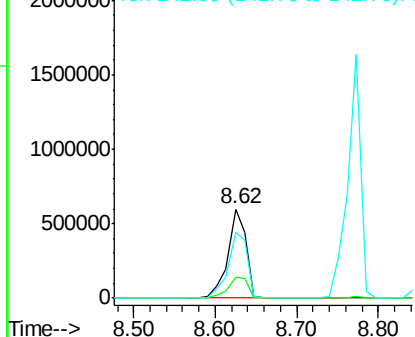


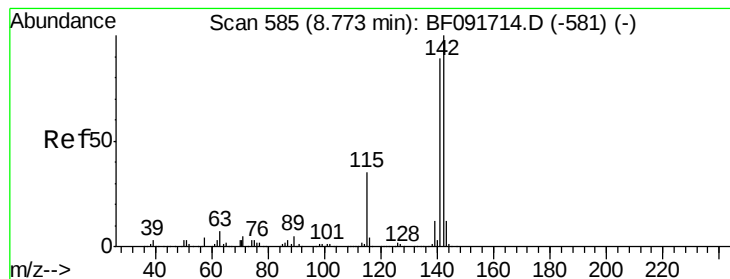
#36
 4-Chloro-3-methylphenol
 Concen: 48.80 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF091726.D
 Acq: 18 Dec 2016 2:35

Tgt Ion:107 Resp: 923713
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.3 28.9
 142 73.2 59.0 88.6



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





#37

2-Methylnaphthalene

Concen: 47.71 ng

RT: 8.77 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampleId :

PB95429BS

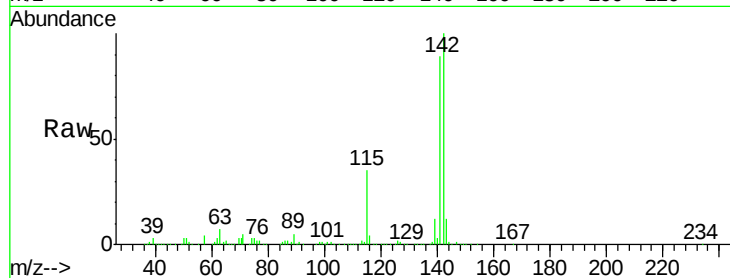
Tgt Ion:142 Resp: 1824116

Ion Ratio Lower Upper

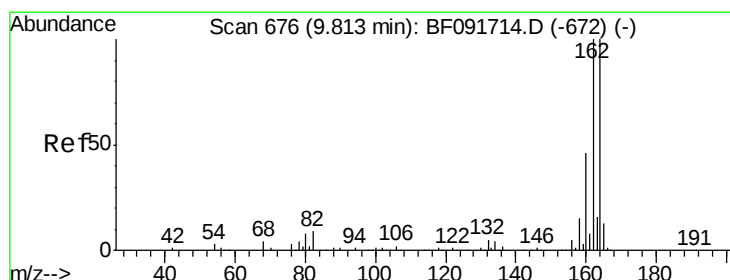
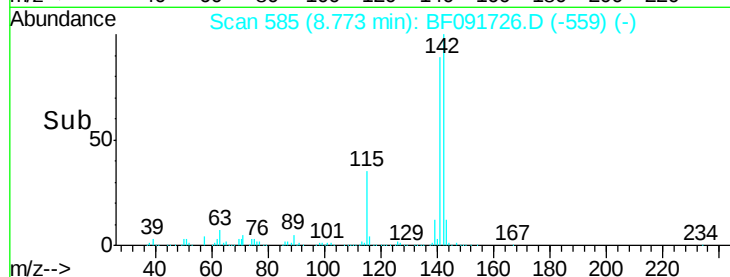
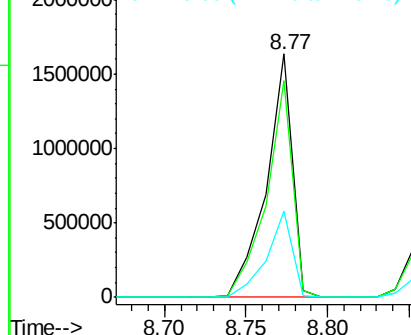
142 100

141 89.2 71.0 106.6

115 35.2 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

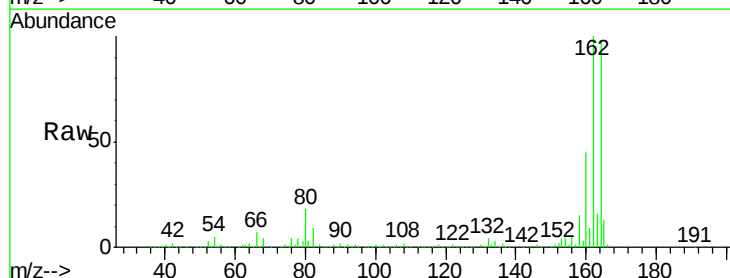
Tgt Ion:164 Resp: 697581

Ion Ratio Lower Upper

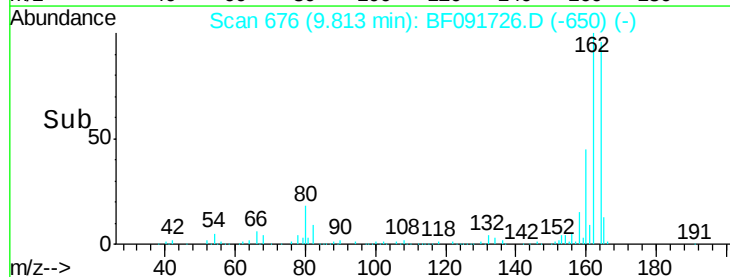
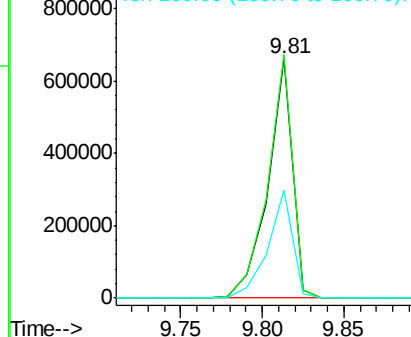
164 100

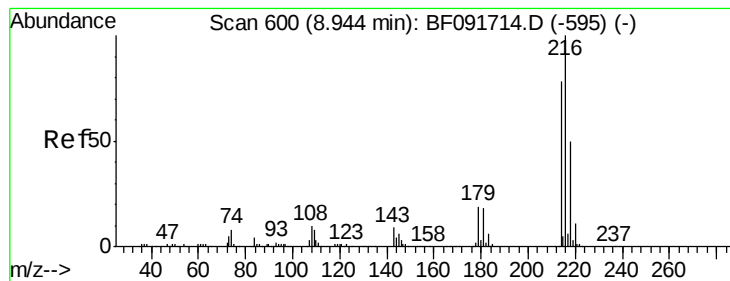
162 101.6 80.2 120.2

160 45.3 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.87 ng

RT: 8.94 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampleId :

PB95429BS

Tgt Ion:216 Resp: 762760

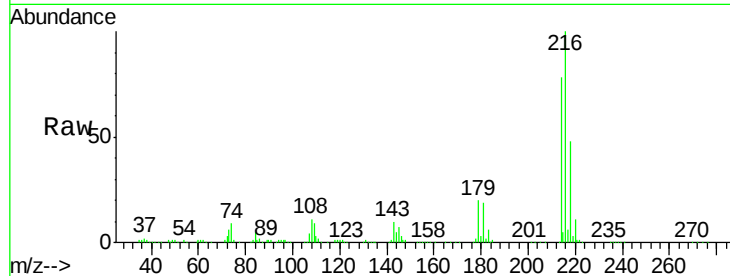
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.0

179 21.9 17.4 26.2

108 21.9 15.6 23.4

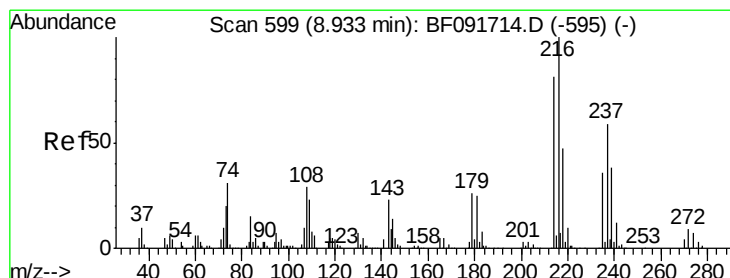
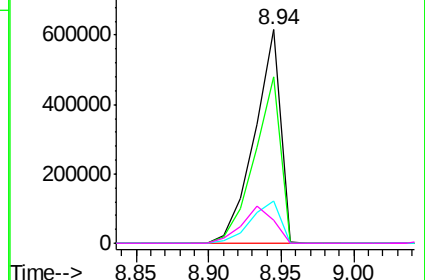
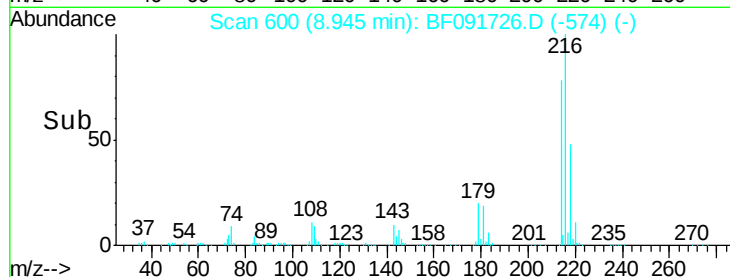


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 116.62 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

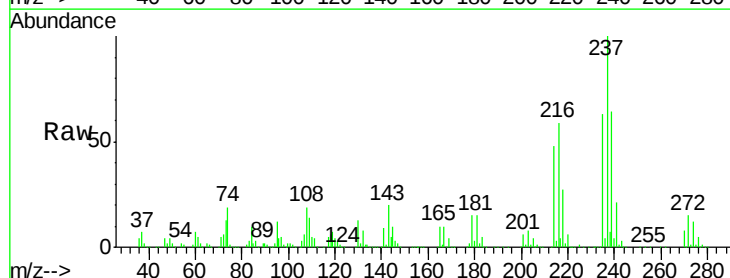
Tgt Ion:237 Resp: 859418

Ion Ratio Lower Upper

237 100

235 62.8 41.2 81.2

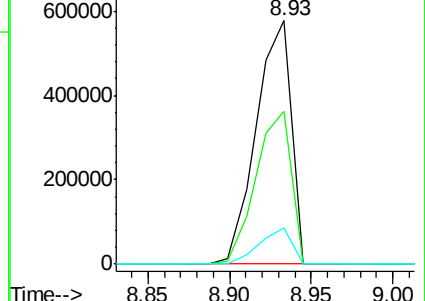
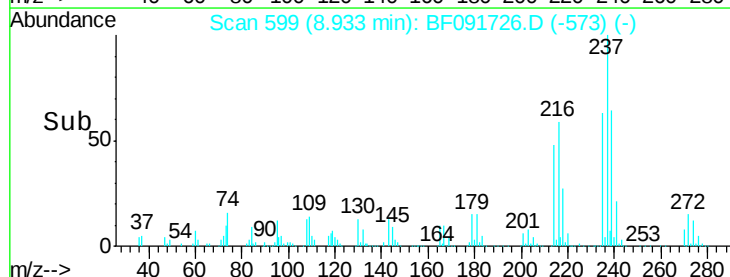
272 14.8 0.0 35.4

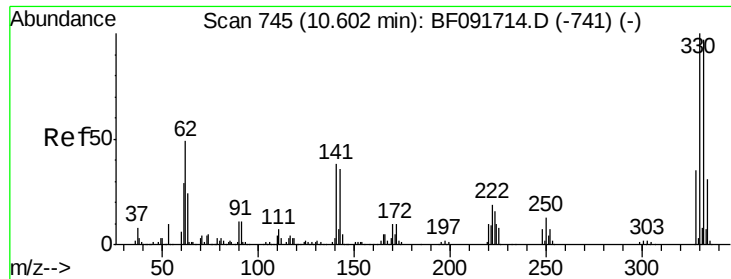


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

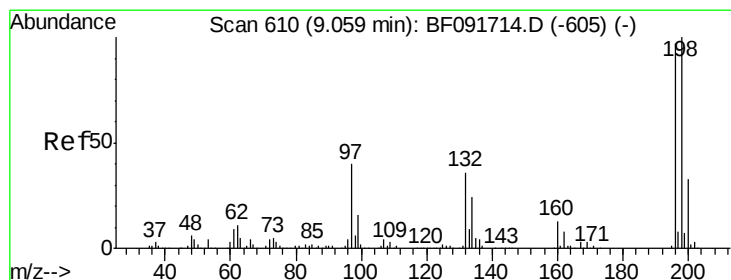
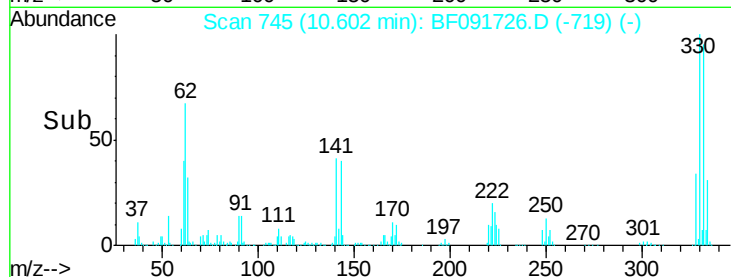
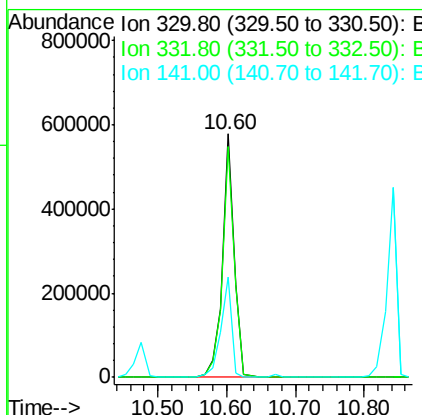
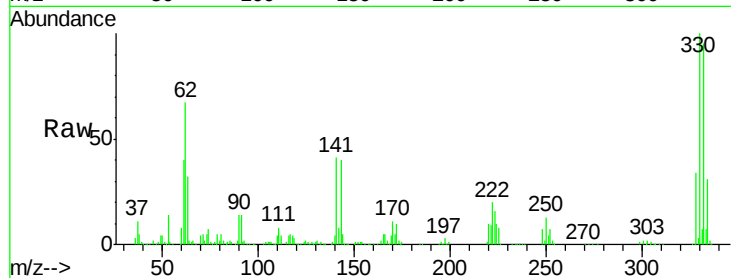




#41
 2,4,6-Tribromophenol
 Concen: 119.37 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091726.D
 Acq: 18 Dec 2016 2:35

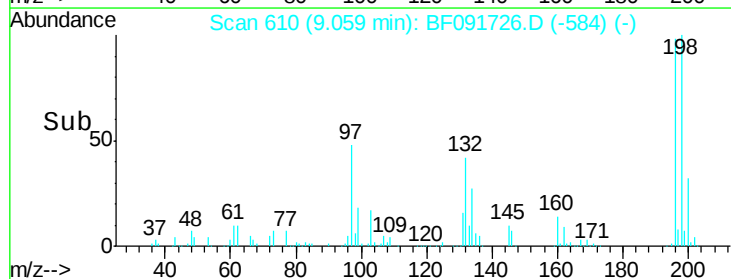
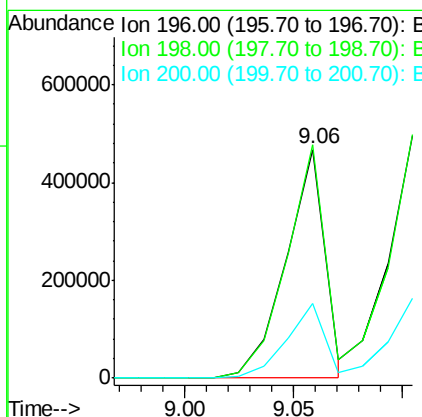
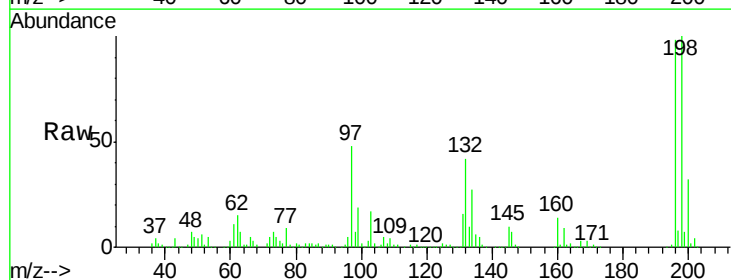
Instrument :
 BNA_F
 ClientSampleId :
 PB95429BS

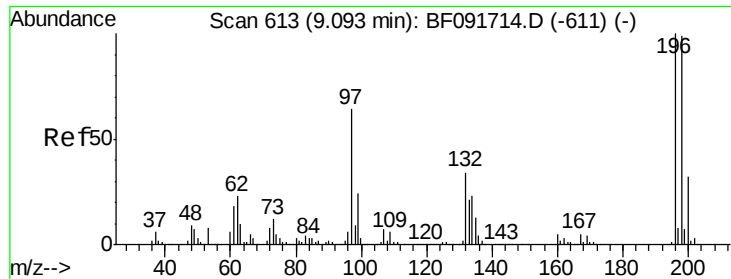
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	37.5	34.1	51.1



#42
 2,4,6-Trichlorophenol
 Concen: 47.03 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF091726.D
 Acq: 18 Dec 2016 2:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.1	82.1	123.1
200	32.8	27.0	40.4

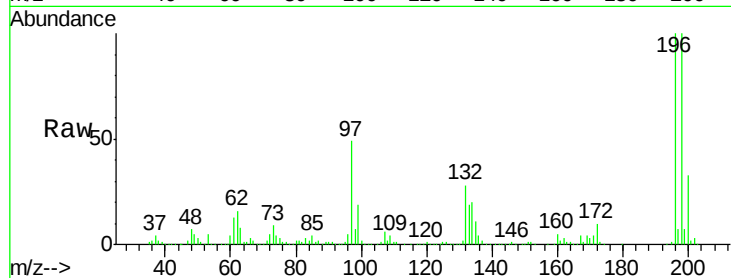




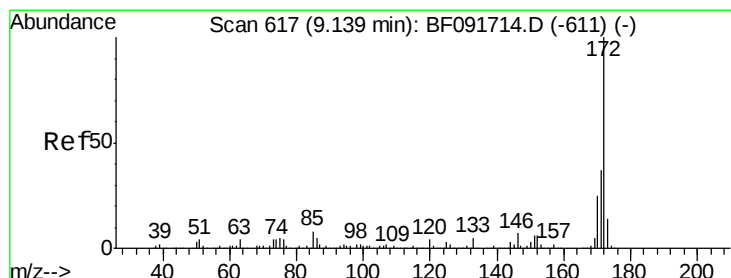
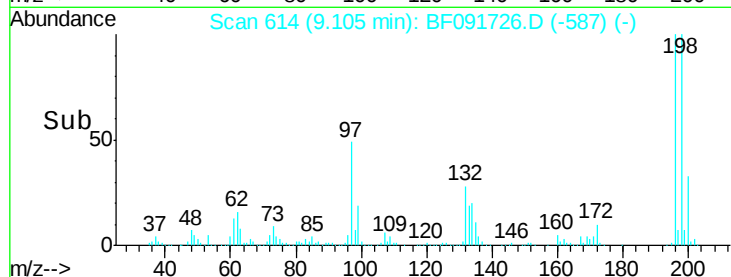
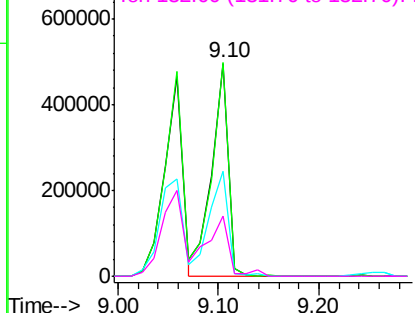
#43
2,4,5-Trichlorophenol
Concen: 46.72 ng
RT: 9.10 min Scan# 614
Delta R.T. 0.01 min
Lab File: BF091726.D
Acq: 18 Dec 2016 2:35

Instrument :
BNA_F
ClientSampleId :
PB95429BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.4	79.4	119.2
97	49.2	51.5	77.3
132	28.5	27.4	41.2

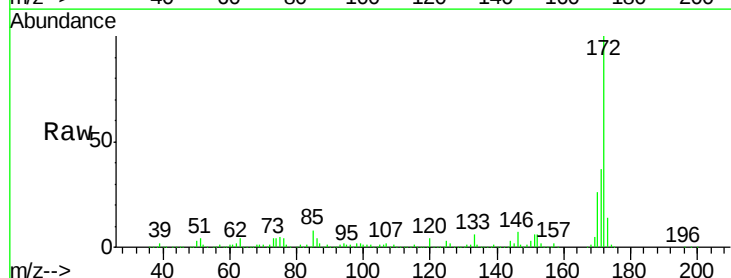


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

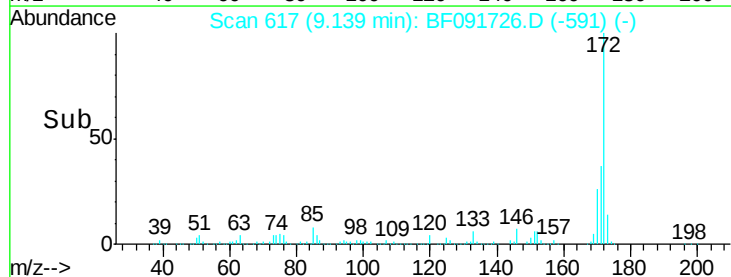
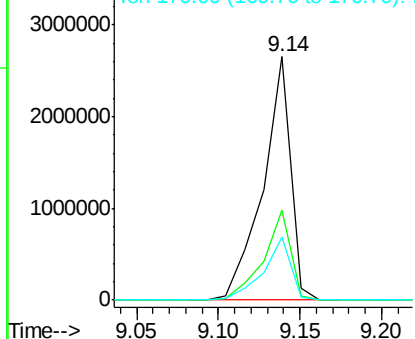


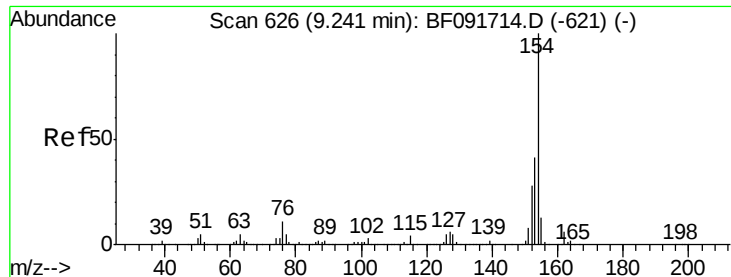
#44
2-Fluorobiphenyl
Concen: 90.66 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF091726.D
Acq: 18 Dec 2016 2:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	25.8	20.2	30.4



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





#45

1,1'-Biphenyl

Concen: 45.50 ng

RT: 9.24 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampleId :

PB95429BS

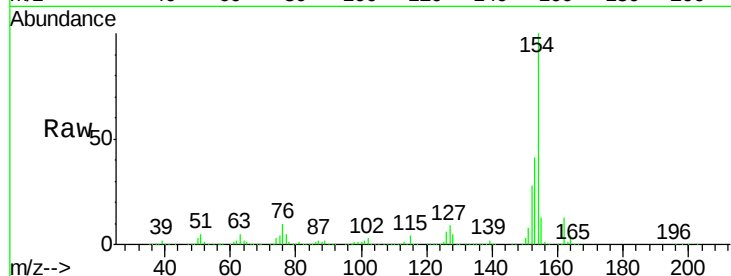
Tgt Ion:154 Resp: 2274821

Ion Ratio Lower Upper

154 100

153 40.5 20.9 60.9

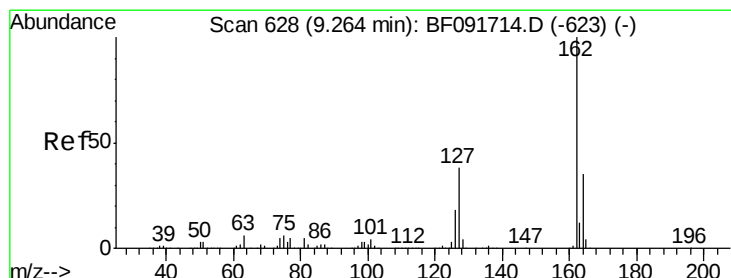
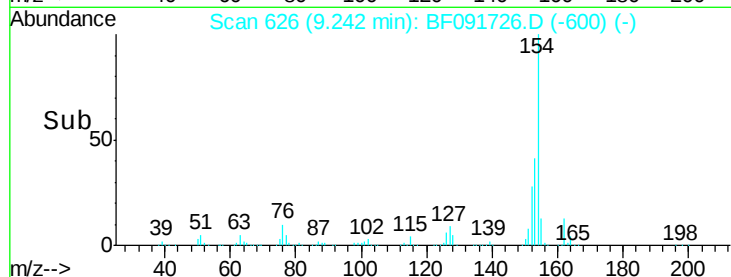
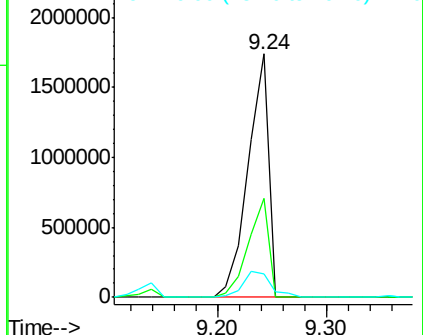
76 9.7 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.25 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

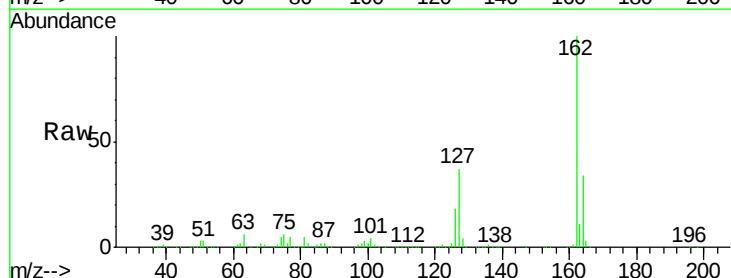
Tgt Ion:162 Resp: 1690598

Ion Ratio Lower Upper

162 100

127 36.7 30.7 46.1

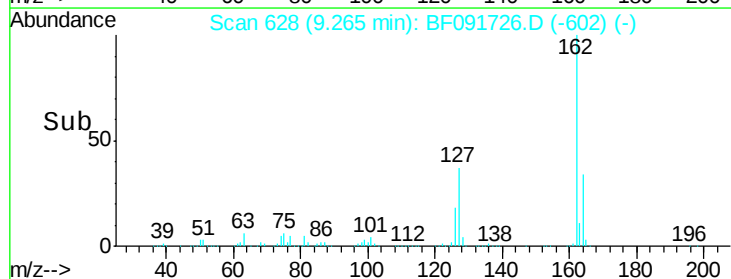
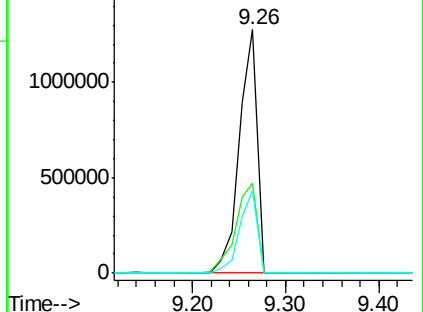
164 33.6 27.6 41.4

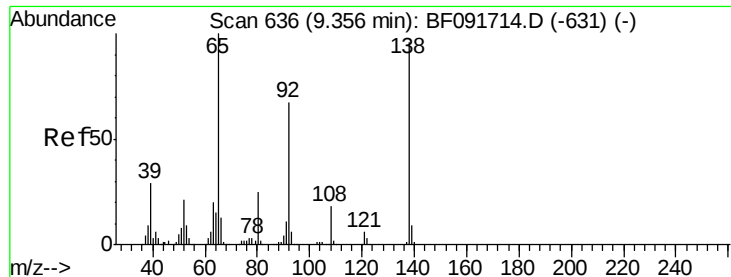


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

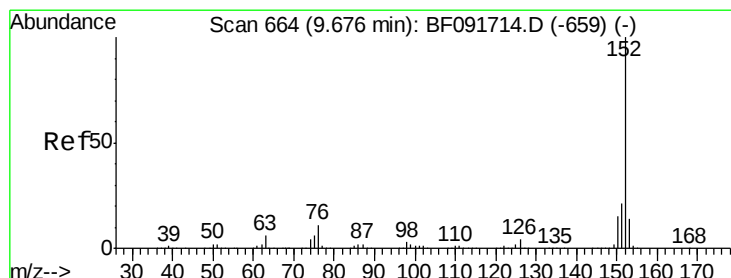
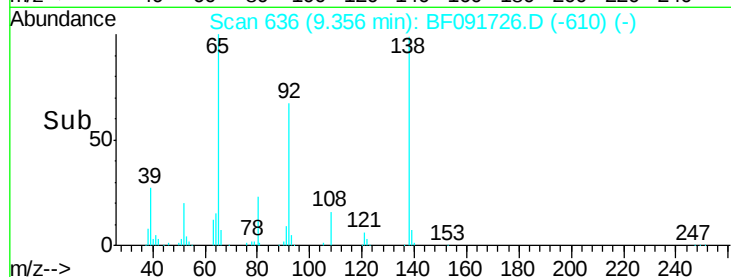
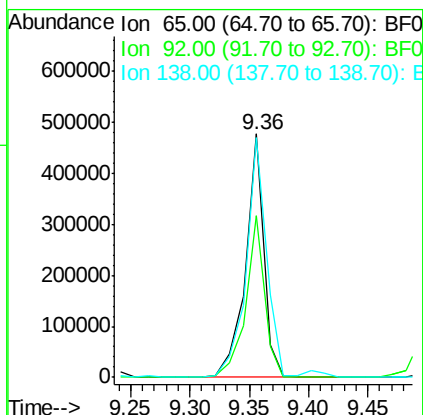
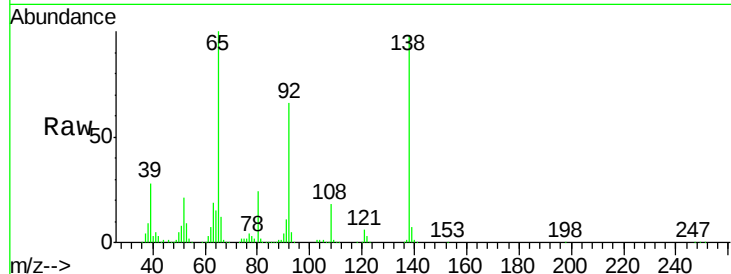




#47
2-Nitroaniline
Concen: 40.57 ng
RT: 9.36 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF091726.D
Acq: 18 Dec 2016 2:35

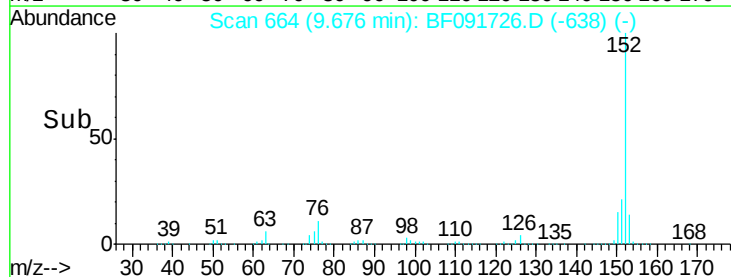
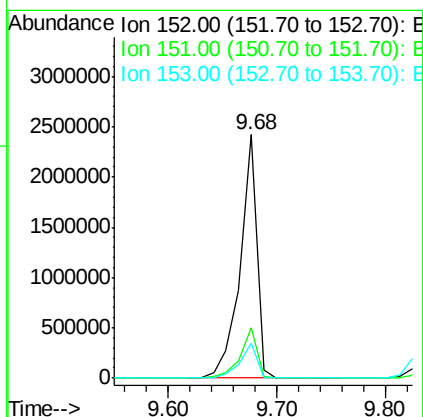
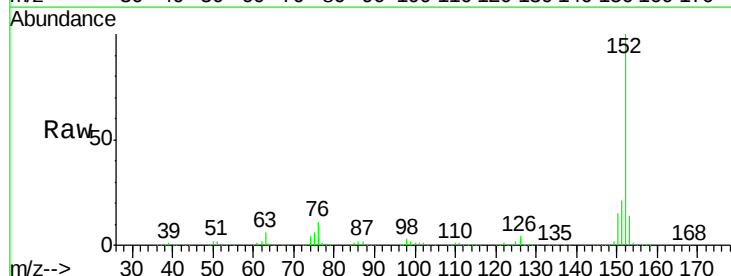
Instrument :
BNA_F
ClientSampleId :
PB95429BS

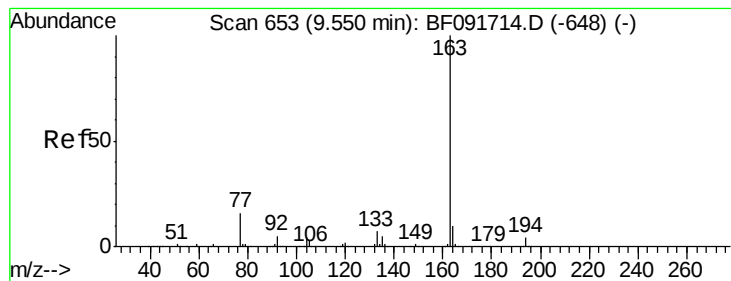
Tgt Ion: 65 Resp: 517515
Ion Ratio Lower Upper
65 100
92 66.5 53.9 80.9
138 98.3 76.8 115.2



#48
Acenaphthylene
Concen: 43.96 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF091726.D
Acq: 18 Dec 2016 2:35

Tgt Ion: 152 Resp: 2544968
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 14.4 11.4 17.2





#49

Dimethylphthalate

Concen: 46.32 ng

RT: 9.55 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampleId :

PB95429BS

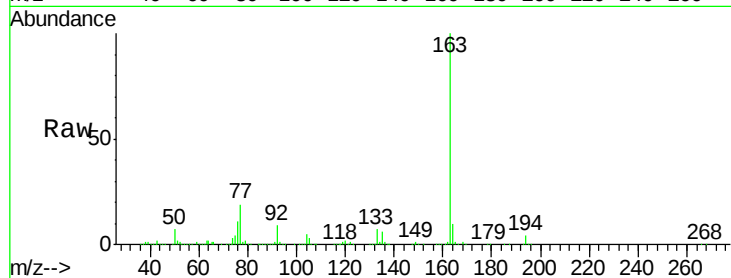
Tgt Ion:163 Resp: 2110514

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

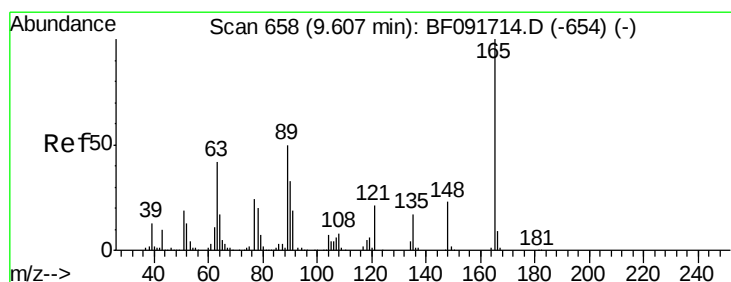
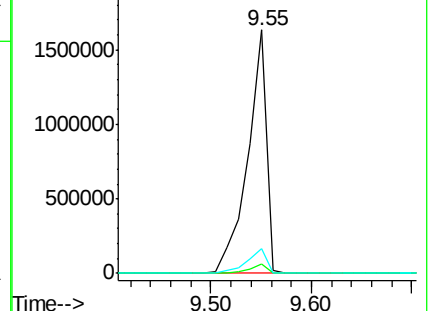
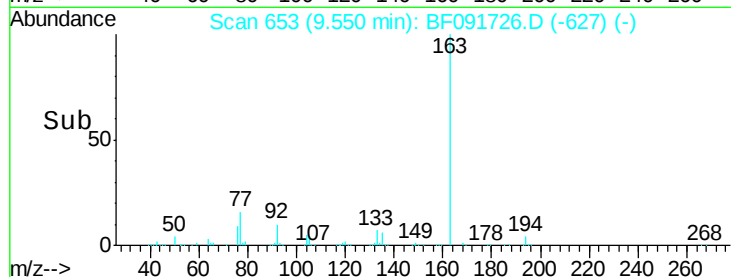
164 10.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.84 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

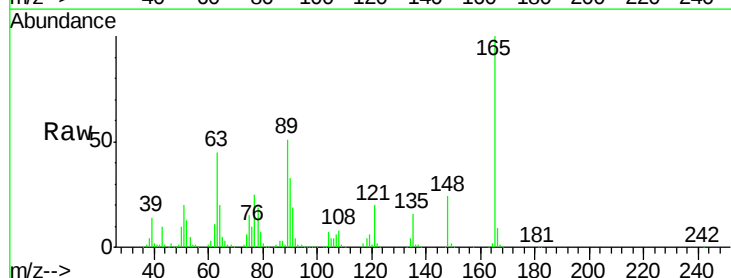
Tgt Ion:165 Resp: 517902

Ion Ratio Lower Upper

165 100

63 45.2 36.2 54.4

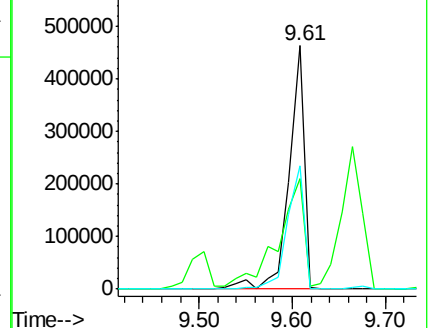
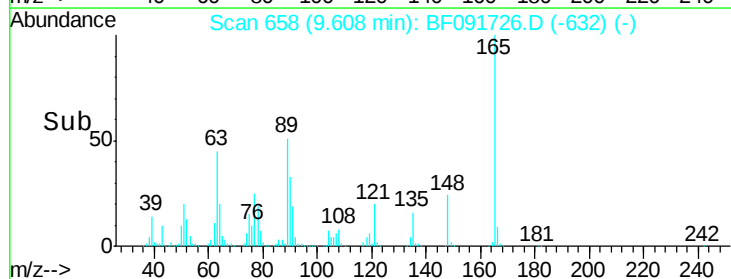
89 50.6 40.2 60.4

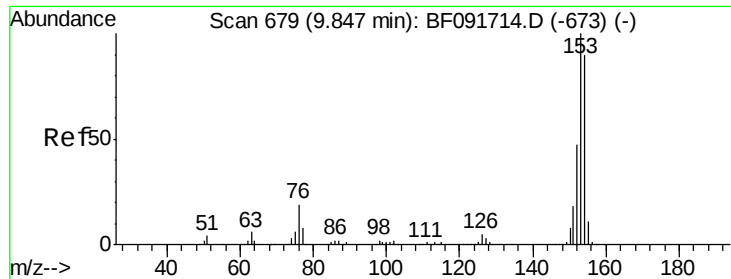


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.86 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampleId :

PB95429BS

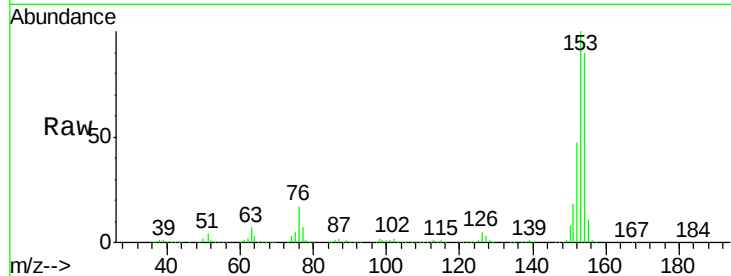
Tgt Ion:154 Resp: 1742606

Ion Ratio Lower Upper

154 100

153 111.5 88.6 133.0

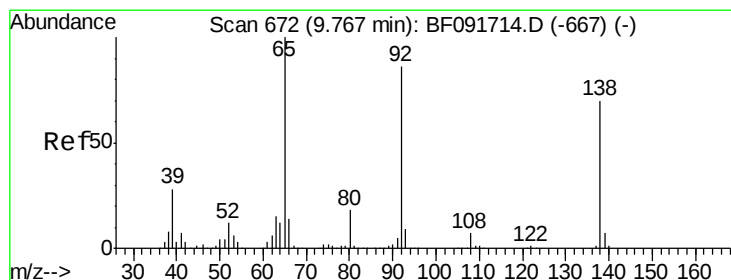
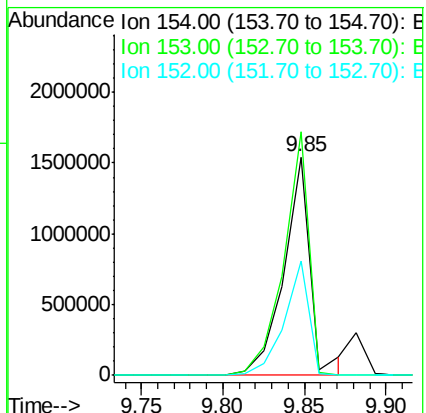
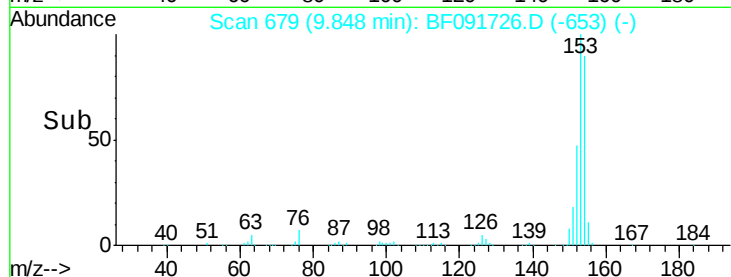
152 52.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.69 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

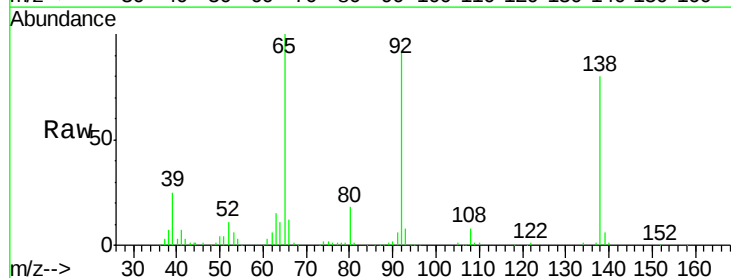
Tgt Ion:138 Resp: 195192

Ion Ratio Lower Upper

138 100

108 10.1 8.5 12.7

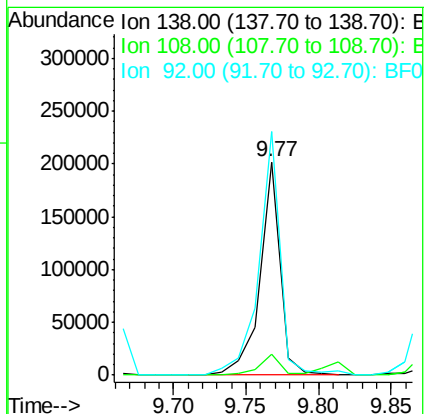
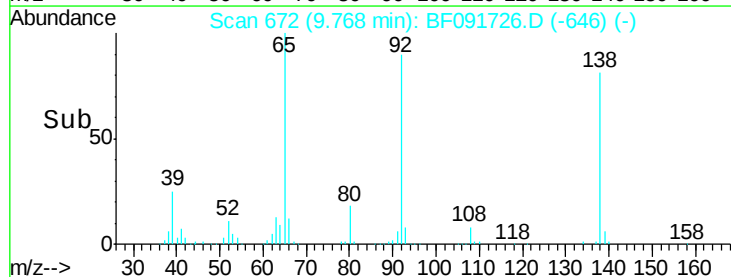
92 114.3 97.8 146.8

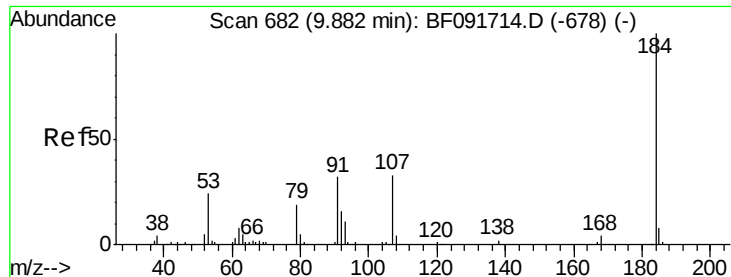


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

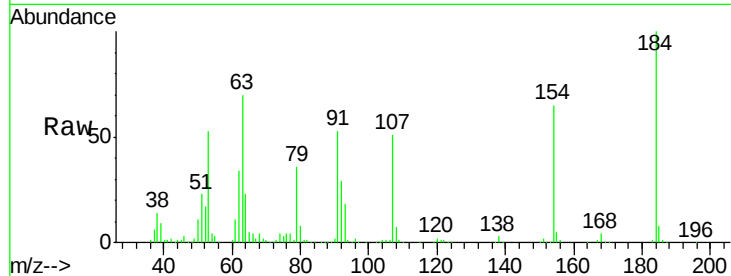




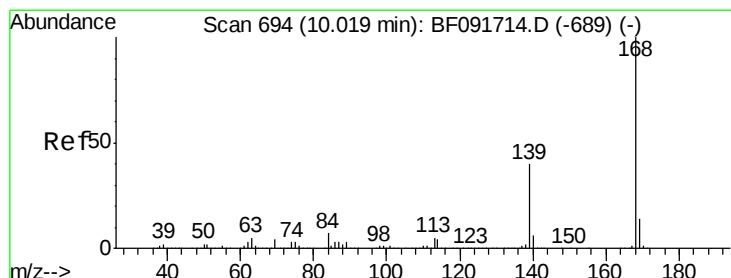
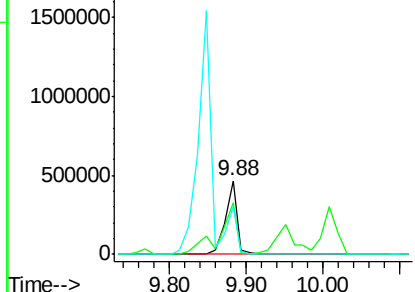
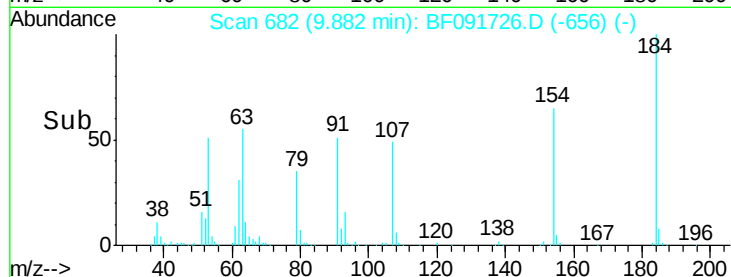
#53
 2,4-Dinitrophenol
 Concen: 95.78 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF091726.D
 Acq: 18 Dec 2016 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PB95429BS

Tgt Ion:184 Resp: 516921
 Ion Ratio Lower Upper
 184 100
 63 70.4 28.4 42.6#
 154 65.3 44.3 66.5

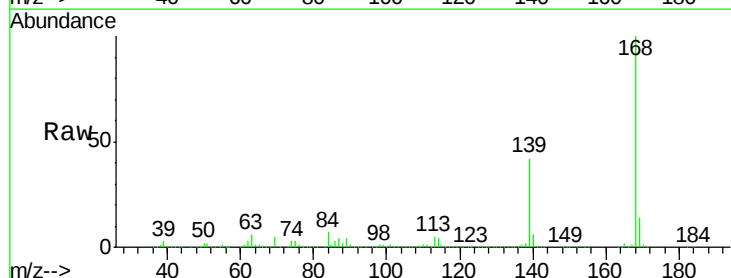


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

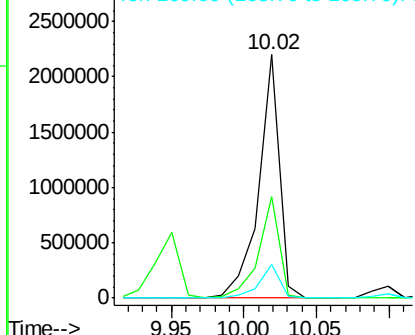
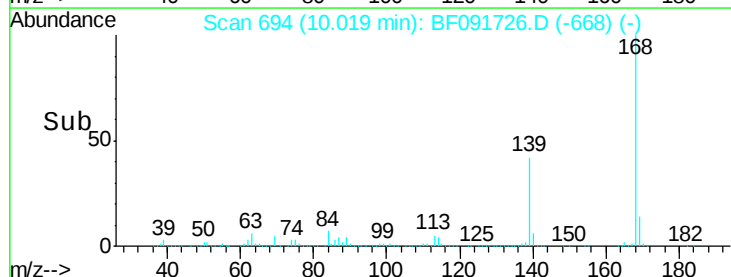


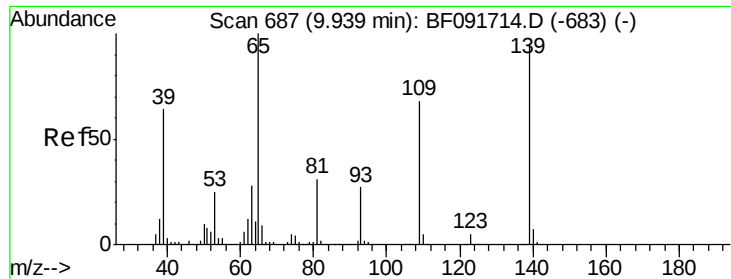
#54
 Dibenzofuran
 Concen: 45.96 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF091726.D
 Acq: 18 Dec 2016 2:35

Tgt Ion:168 Resp: 2171409
 Ion Ratio Lower Upper
 168 100
 139 41.8 32.6 49.0
 169 14.0 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

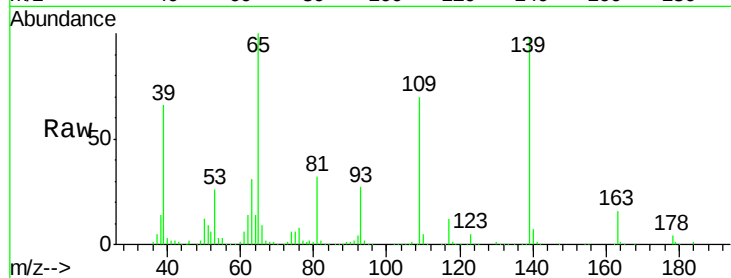




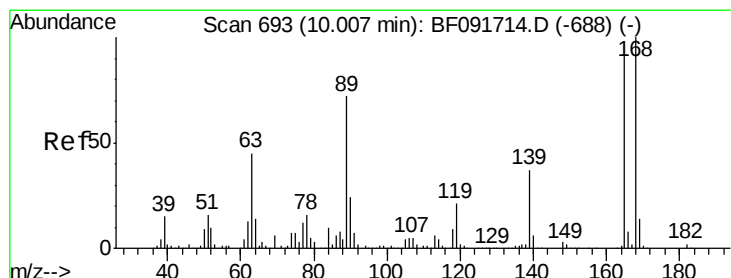
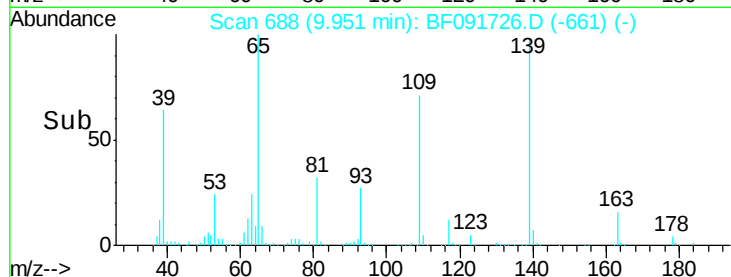
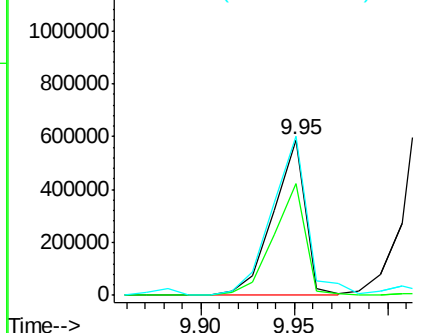
#55
4-Nitrophenol
Concen: 81.79 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF091726.D
Acq: 18 Dec 2016 2:35

Instrument :
BNA_F
ClientSampleId :
PB95429BS

Tgt Ion:139 Resp: 706568
Ion Ratio Lower Upper
139 100
109 71.9 52.2 92.2
65 102.2 85.8 125.8

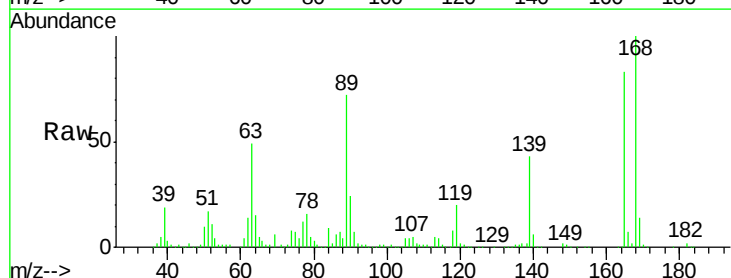


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

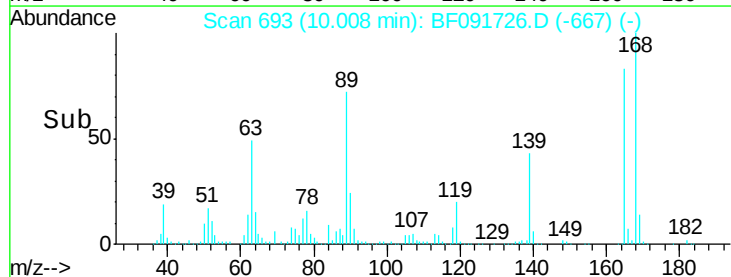
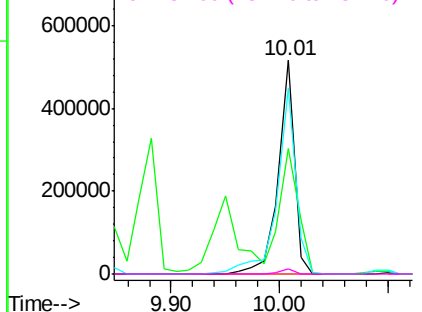


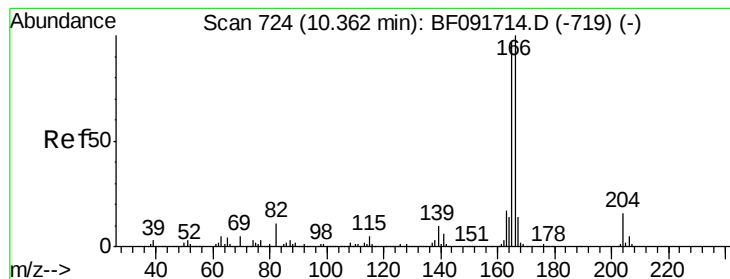
#56
2,4-Dinitrotoluene
Concen: 42.53 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF091726.D
Acq: 18 Dec 2016 2:35

Tgt Ion:165 Resp: 530783
Ion Ratio Lower Upper
165 100
63 58.8 40.2 60.4
89 86.9 62.5 93.7
182 2.3 1.8 2.8



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





#57

Fluorene

Concen: 47.69 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampleId :

PB95429BS

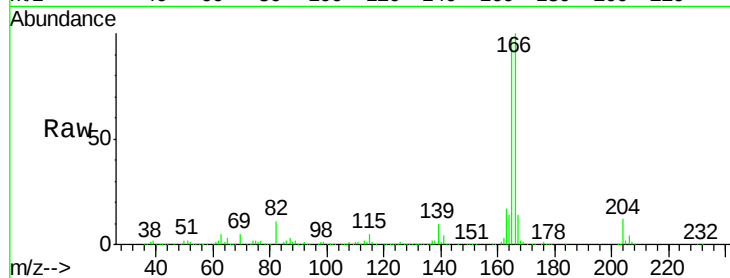
Tgt Ion:166 Resp: 1750256

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.8

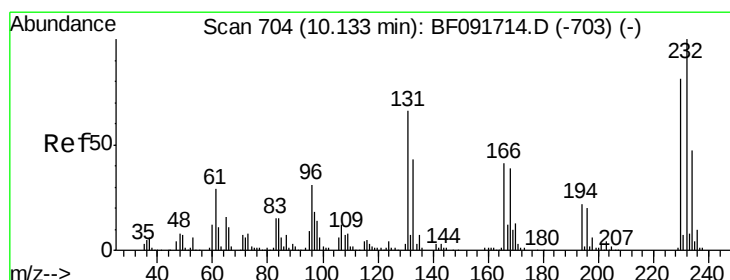
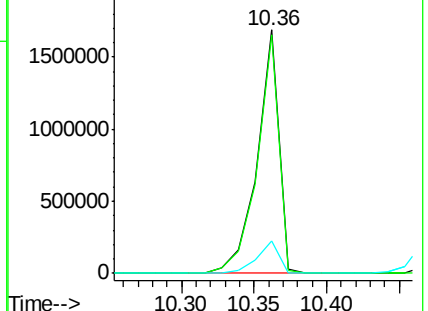
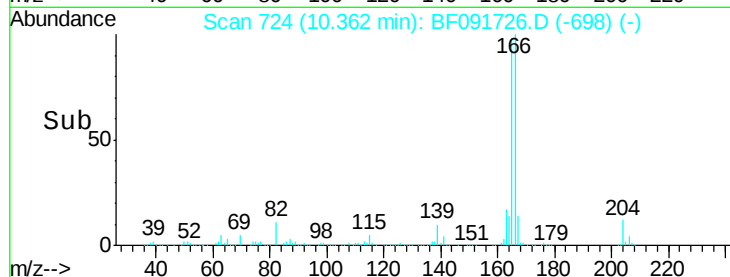
167 13.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.73 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Tgt Ion:232 Resp: 451403

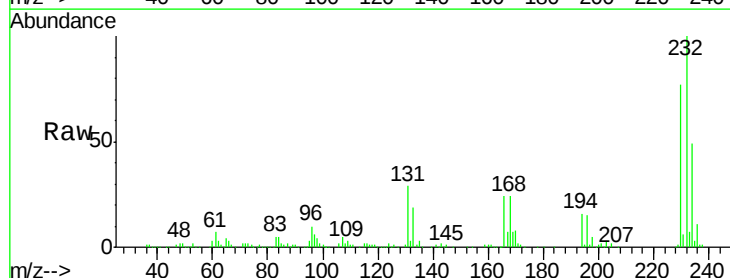
Ion Ratio Lower Upper

232 100

131 49.3 40.1 60.1

130 2.3 1.8 2.8

166 33.0 26.6 39.8

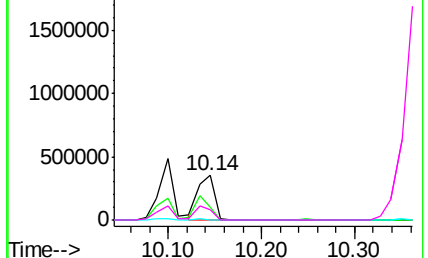
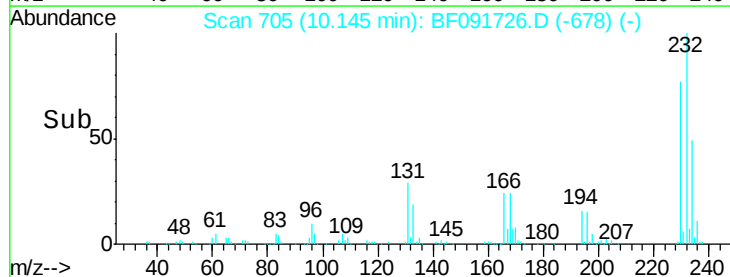


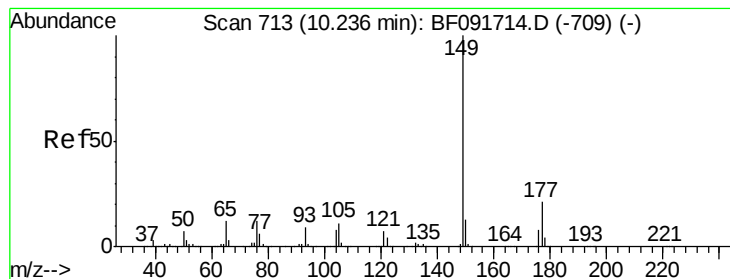
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.43 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampleId :

PB95429BS

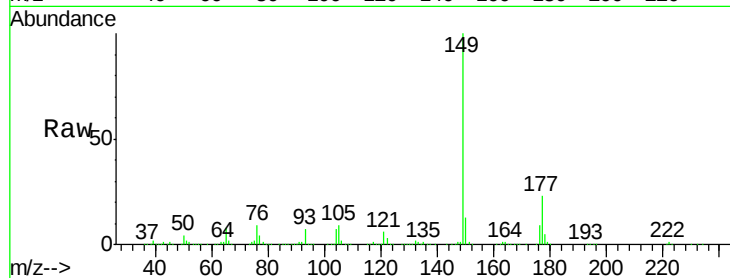
Tgt Ion:149 Resp: 2034740

Ion Ratio Lower Upper

149 100

177 23.4 16.6 25.0

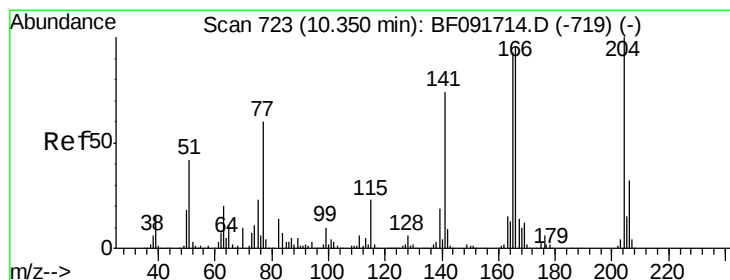
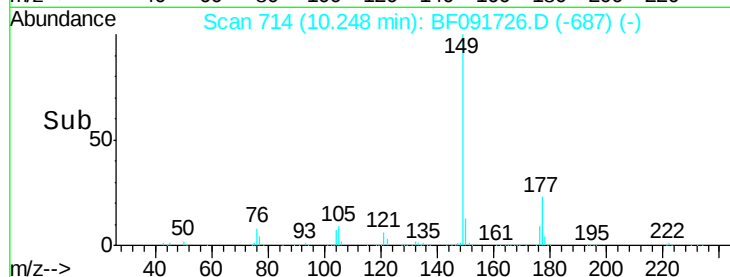
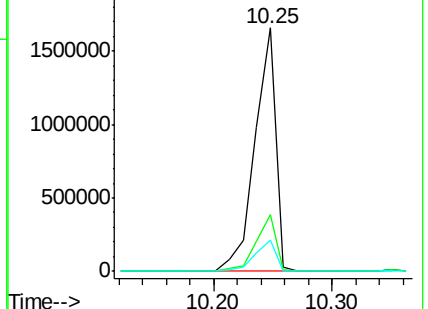
150 12.5 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.49 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

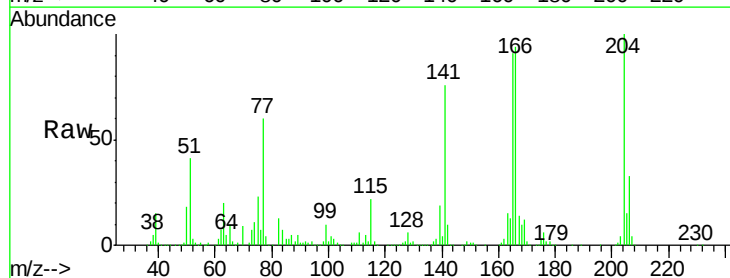
Tgt Ion:204 Resp: 693667

Ion Ratio Lower Upper

204 100

206 33.4 25.8 38.6

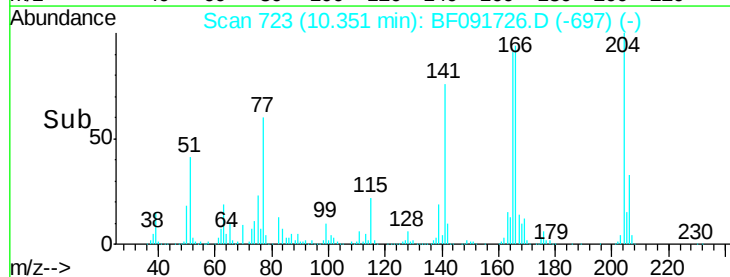
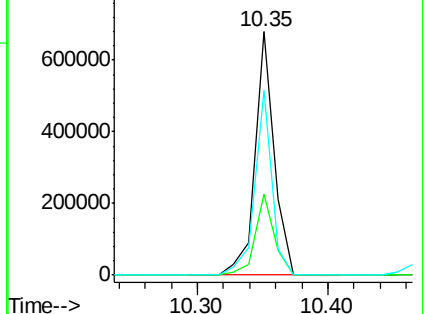
141 75.8 59.4 89.0

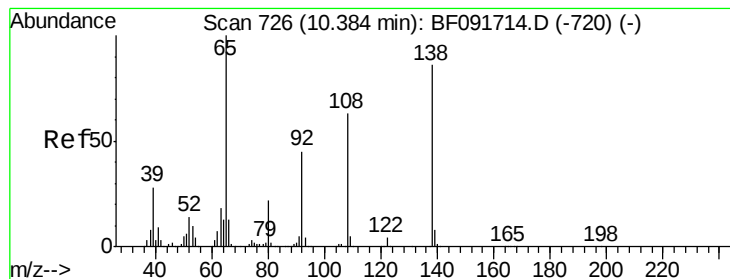


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.32 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampleId :

PB95429BS

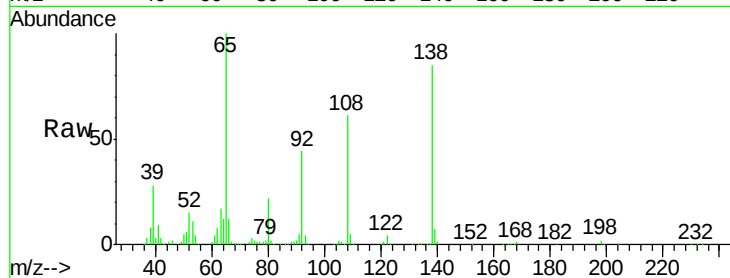
Tgt Ion:138 Resp: 463354

Ion Ratio Lower Upper

138 100

92 51.9 31.7 71.7

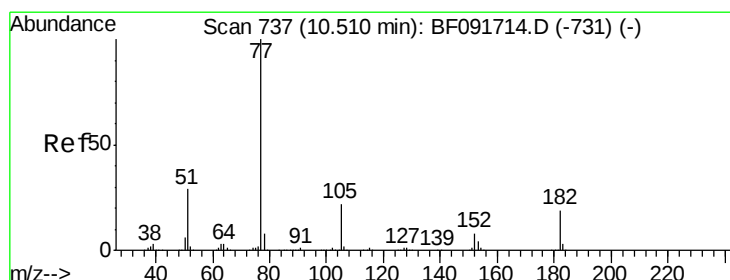
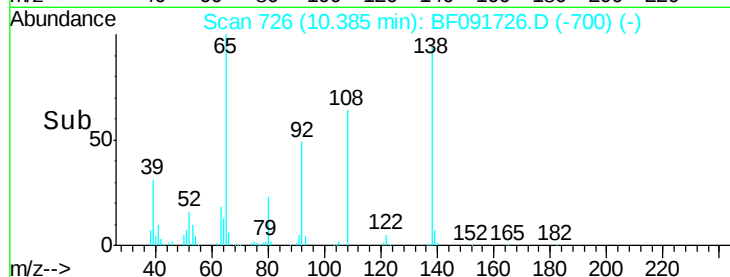
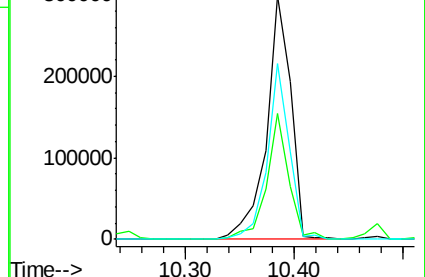
108 72.1 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.33 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Tgt Ion: 77 Resp: 2064962

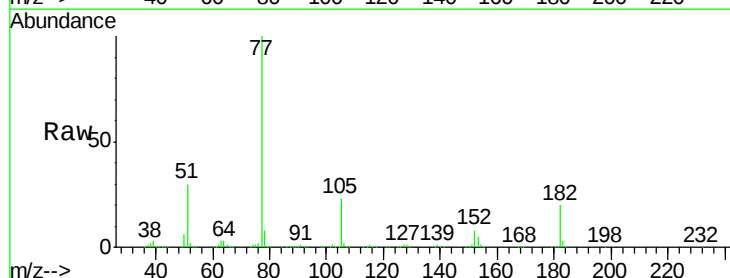
Ion Ratio Lower Upper

77 100

182 19.7 0.0 39.3

105 22.9 2.3 42.3

51 29.7 8.9 48.9

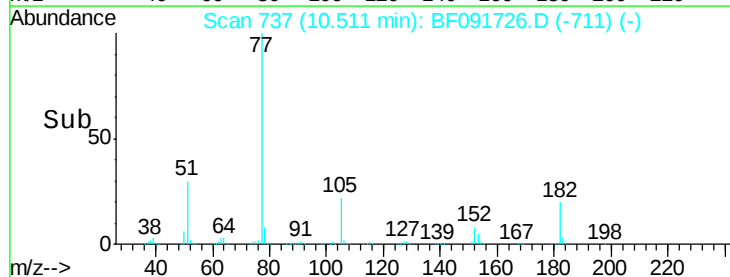
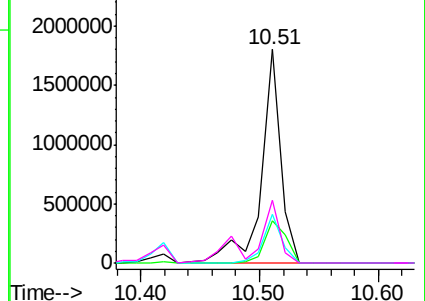


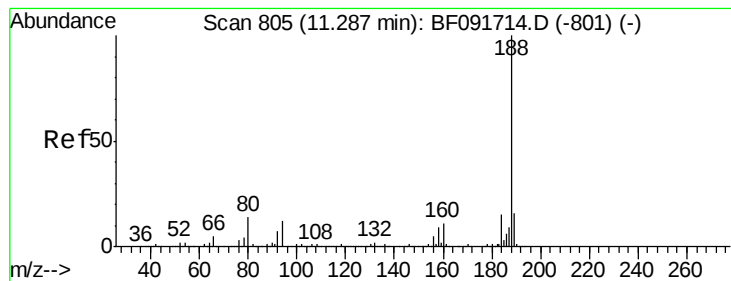
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampleId :

PB95429BS

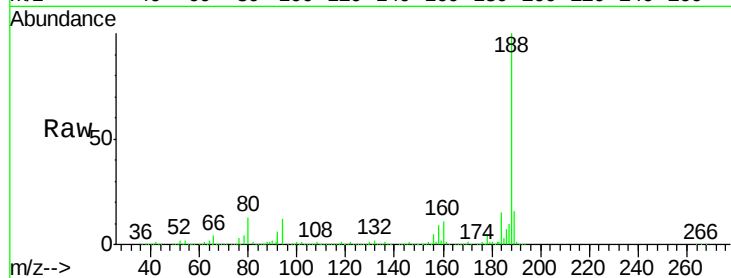
Tgt Ion:188 Resp: 1073278

Ion Ratio Lower Upper

188 100

94 11.8 10.0 15.0

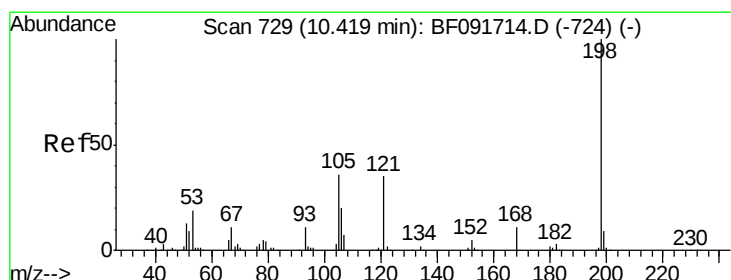
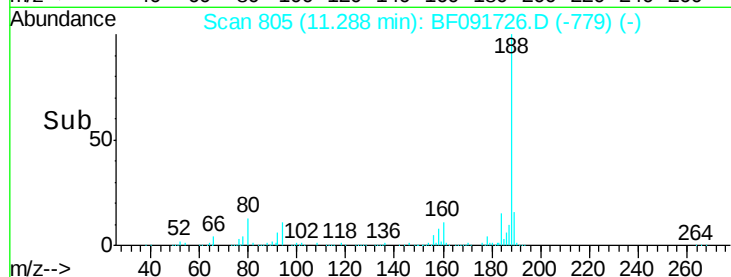
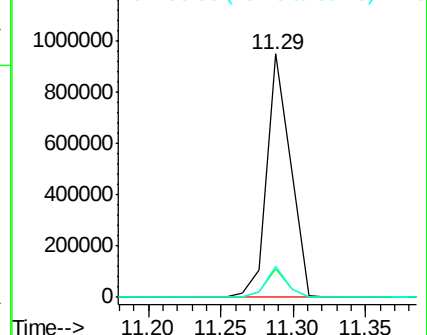
80 12.9 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 51.98 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

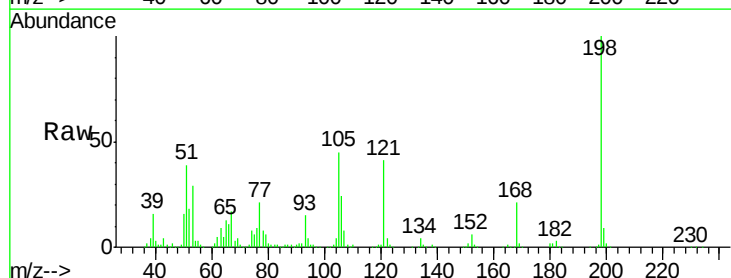
Tgt Ion:198 Resp: 367954

Ion Ratio Lower Upper

198 100

51 39.3 6.7 46.7

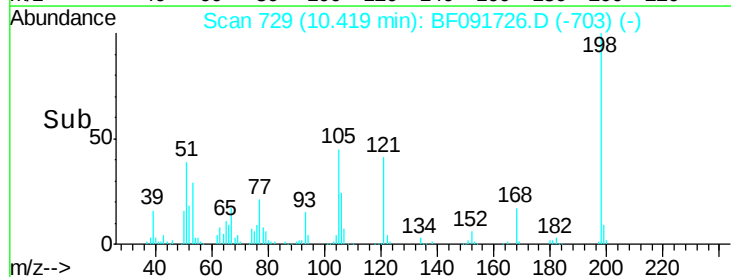
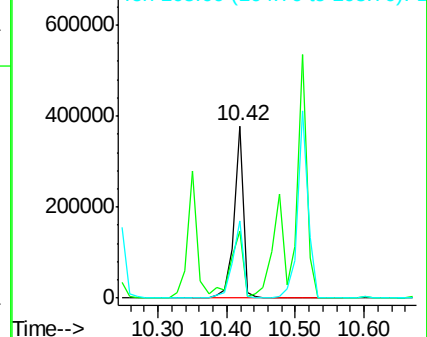
105 44.9 16.6 56.6

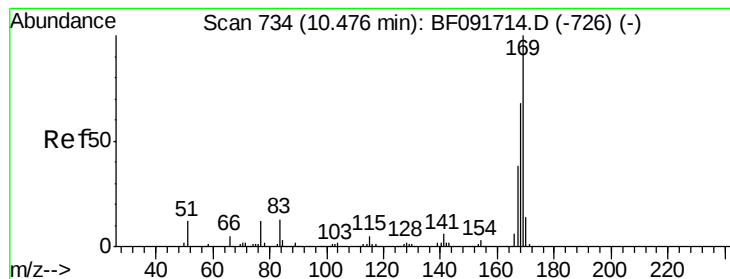


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.06 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampleId :

PB95429BS

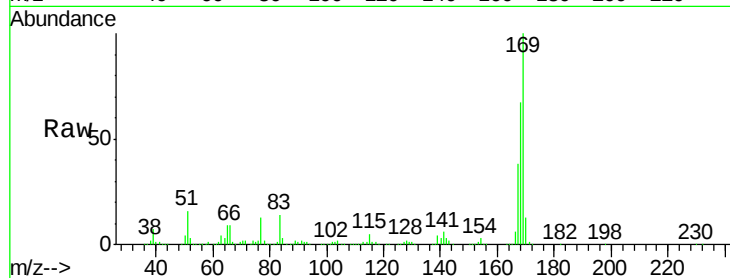
Tgt Ion:169 Resp: 1568292

Ion Ratio Lower Upper

169 100

168 66.9 54.2 81.2

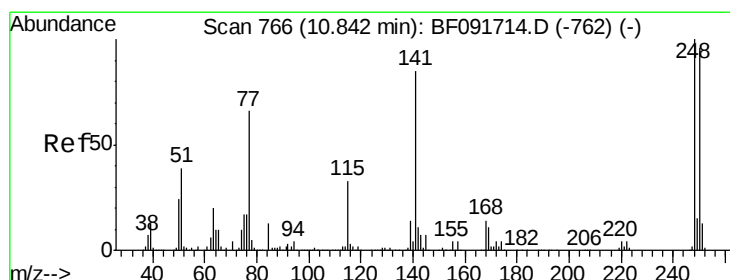
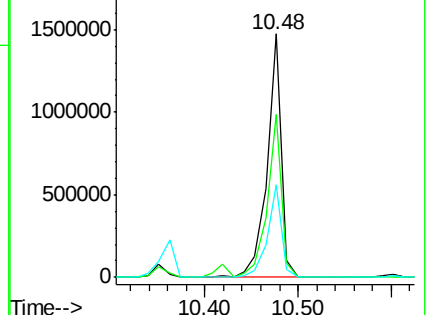
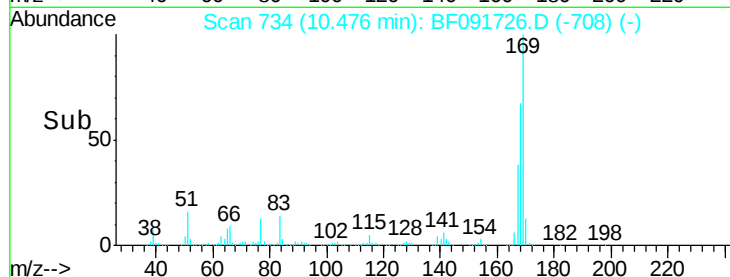
167 37.8 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.89 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

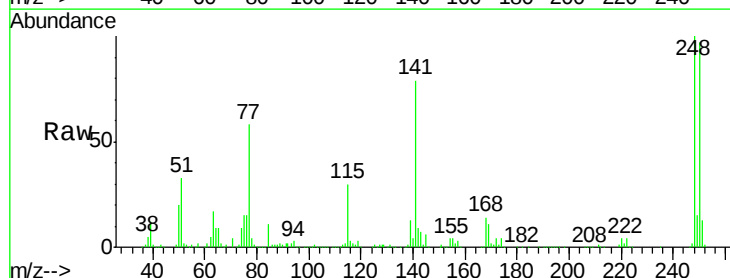
Tgt Ion:248 Resp: 527687

Ion Ratio Lower Upper

248 100

250 96.7 76.9 115.3

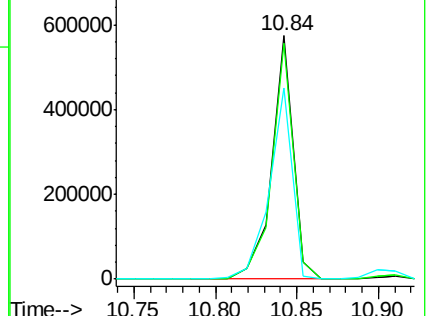
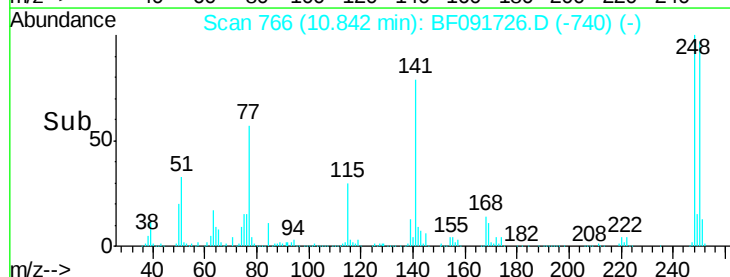
141 78.6 68.2 102.4

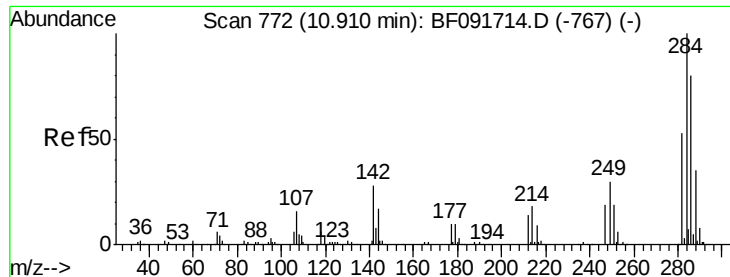


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

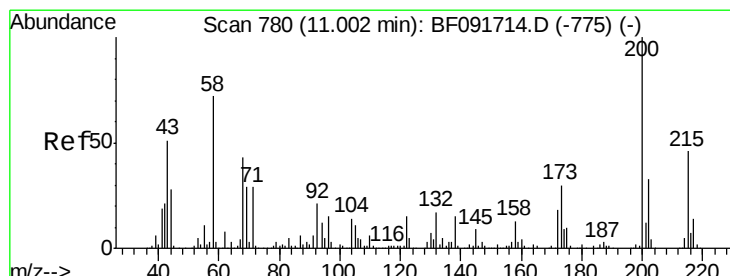
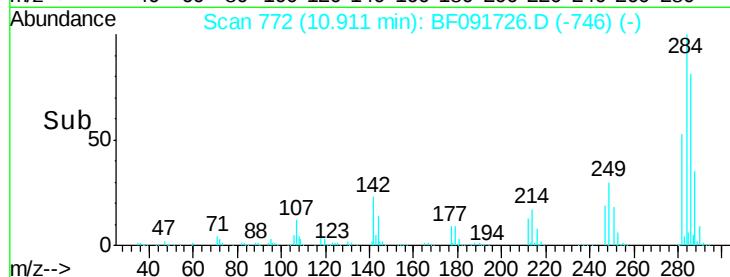
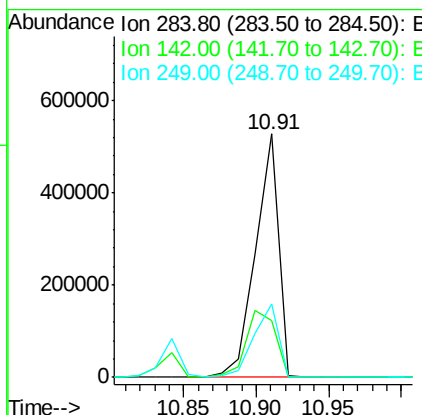
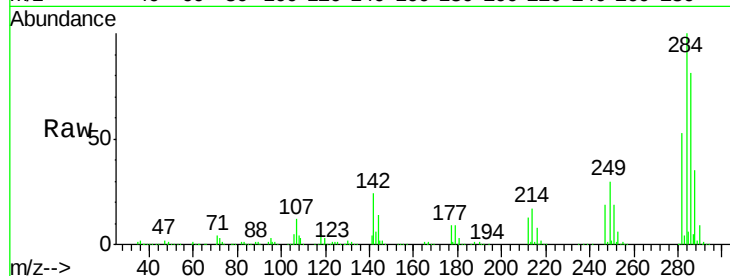




#67
Hexachlorobenzene
Concen: 49.28 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF091726.D
Acq: 18 Dec 2016 2:35

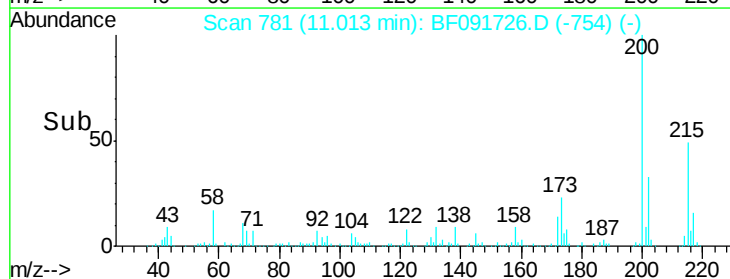
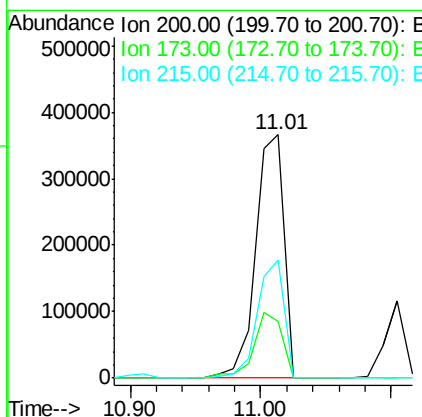
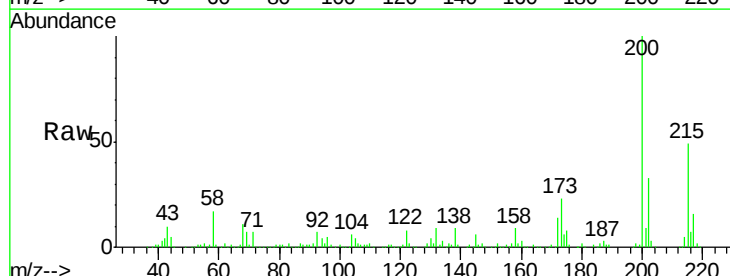
Instrument :
BNA_F
ClientSampleId :
PB95429BS

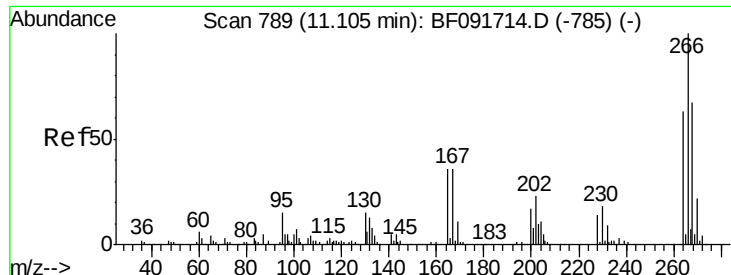
Tgt Ion:284 Resp: 581177
Ion Ratio Lower Upper
284 100
142 23.5 22.6 33.8
249 30.3 25.4 38.0



#68
Atrazine
Concen: 54.90 ng
RT: 11.01 min Scan# 781
Delta R.T. 0.01 min
Lab File: BF091726.D
Acq: 18 Dec 2016 2:35

Tgt Ion:200 Resp: 552912
Ion Ratio Lower Upper
200 100
173 23.3 9.6 49.6
215 48.6 25.7 65.7

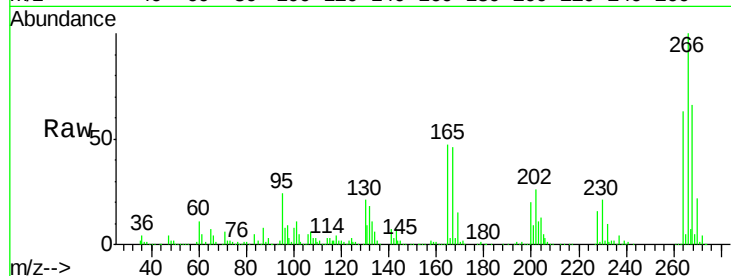




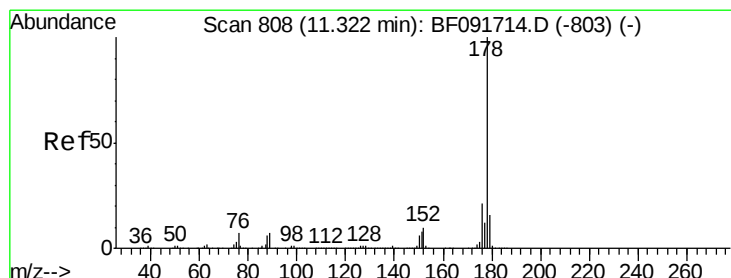
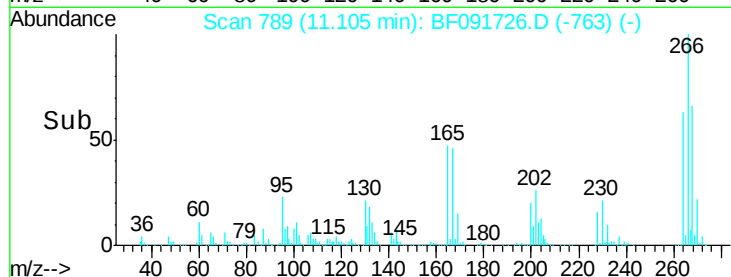
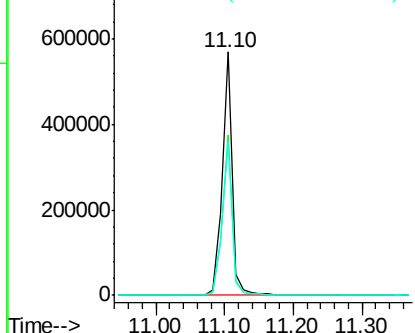
#69
 Pentachlorophenol
 Concen: 92.97 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091726.D
 Acq: 18 Dec 2016 2:35

Instrument :
 BNA_F
 ClientSampleId :
 PB95429BS

Tgt Ion: 266 Resp: 591671
 Ion Ratio Lower Upper
 266 100
 268 65.7 53.3 79.9
 264 63.3 50.3 75.5

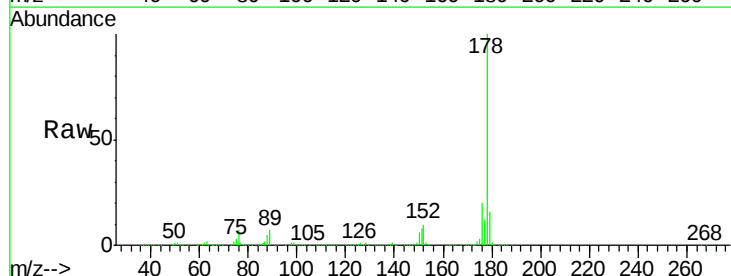


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

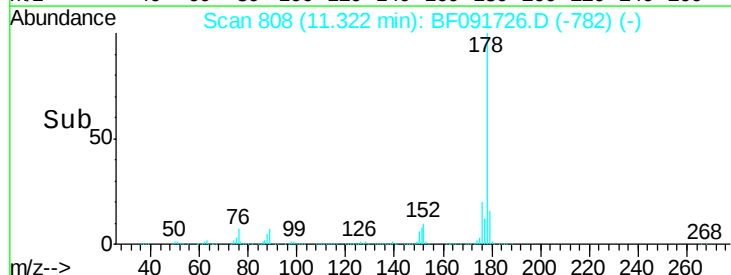
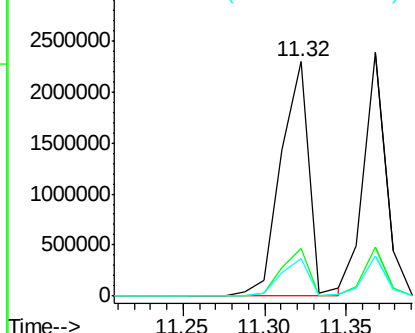


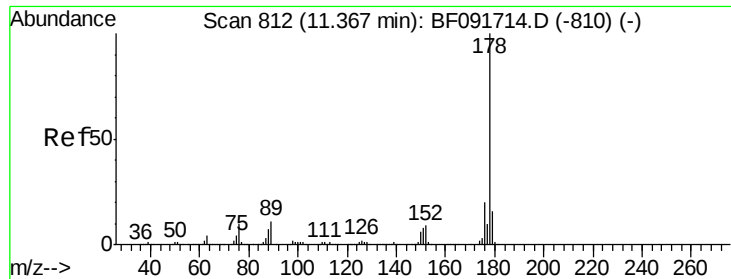
#70
 Phenanthrene
 Concen: 51.42 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF091726.D
 Acq: 18 Dec 2016 2:35

Tgt Ion: 178 Resp: 2757558
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.6 25.0
 179 15.9 12.8 19.2



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

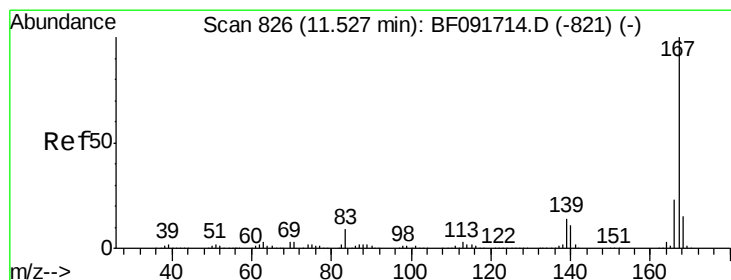
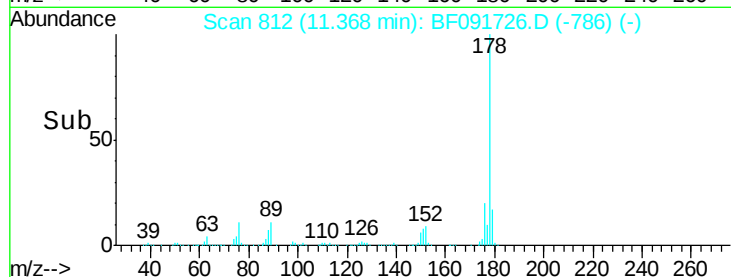
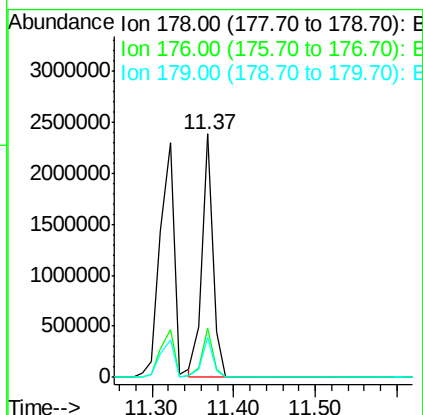
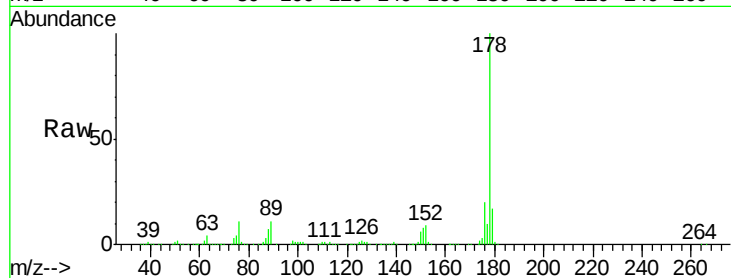




#71
 Anthracene
 Concen: 40.43 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF091726.D
 Acq: 18 Dec 2016 2:35

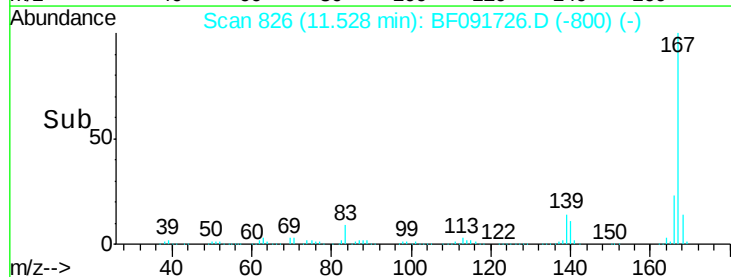
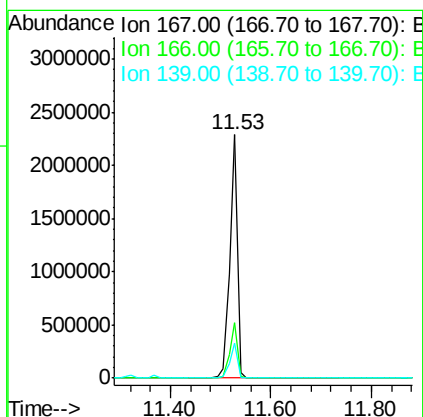
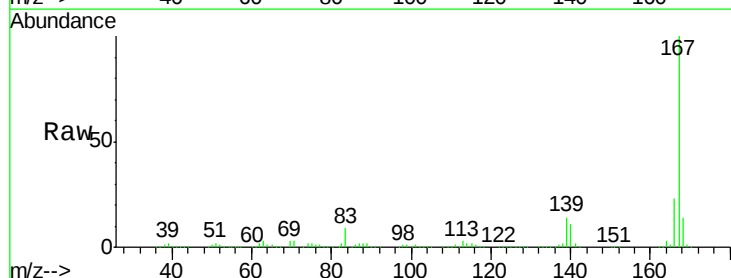
Instrument :
 BNA_F
 ClientSampleId :
 PB95429BS

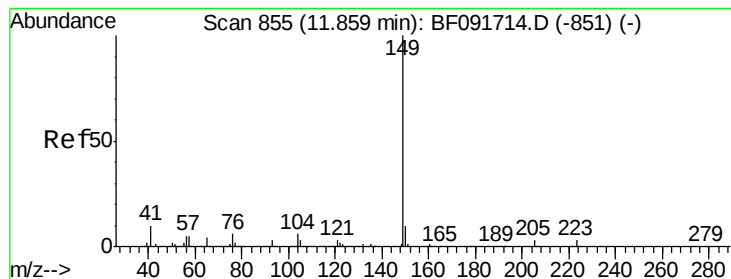
Tgt Ion:178 Resp: 2296679
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.9 23.9
 179 16.6 13.2 19.8



#72
 Carbazole
 Concen: 47.90 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF091726.D
 Acq: 18 Dec 2016 2:35

Tgt Ion:167 Resp: 2379288
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 14.4 11.4 17.2





#73

Di-n-butylphthalate

Concen: 43.39 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampleId :

PB95429BS

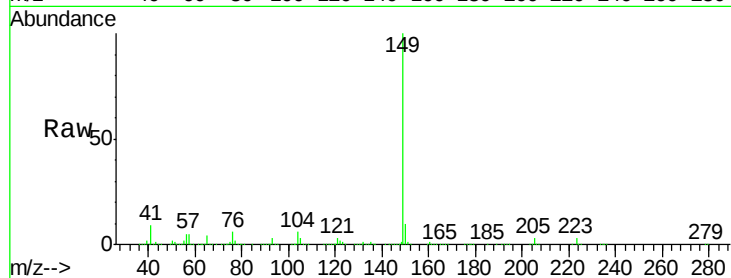
Tgt Ion:149 Resp: 2763368

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

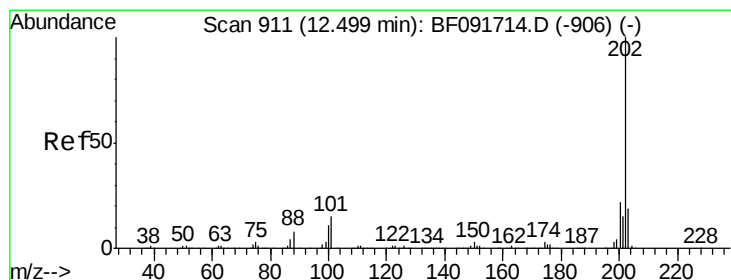
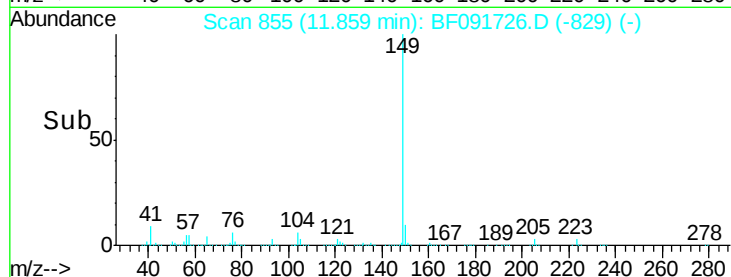
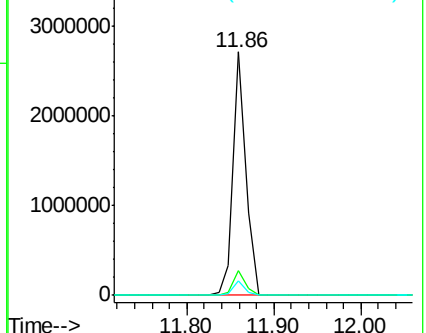
104 5.8 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.46 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

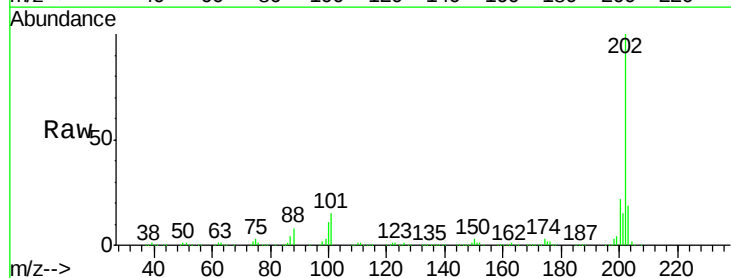
Tgt Ion:202 Resp: 2378237

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.6

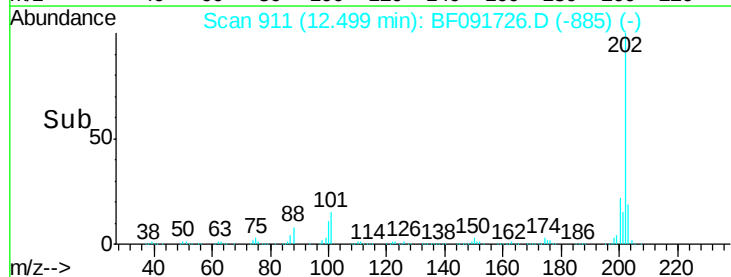
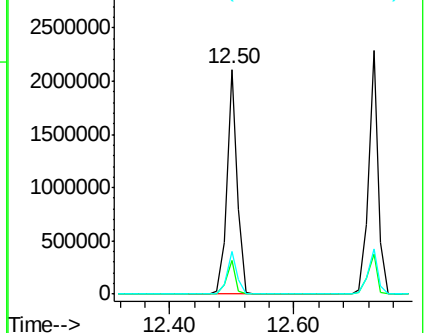
203 18.8 0.0 38.7

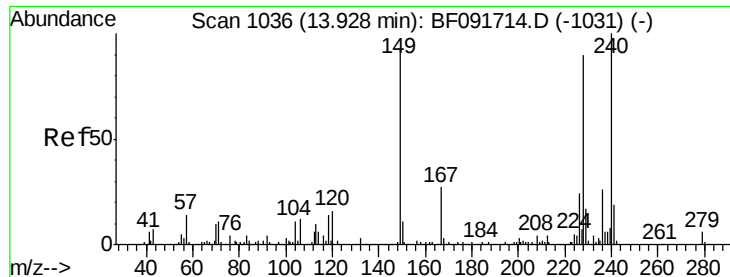


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampleId :

PB95429BS

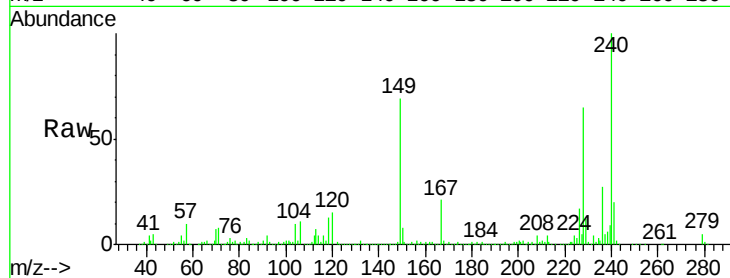
Tgt Ion:240 Resp: 743617

Ion Ratio Lower Upper

240 100

120 15.2 12.9 19.3

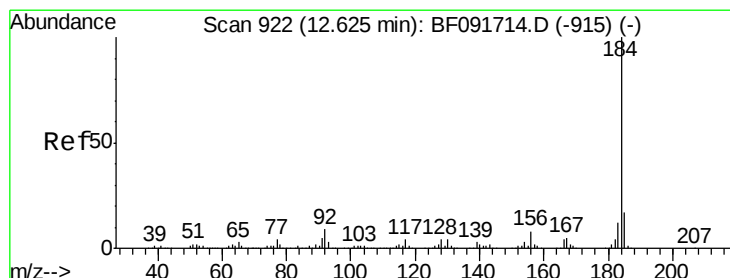
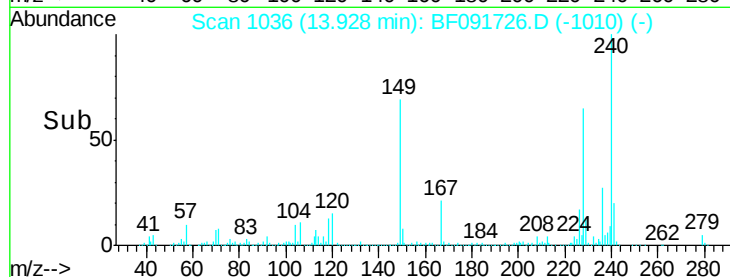
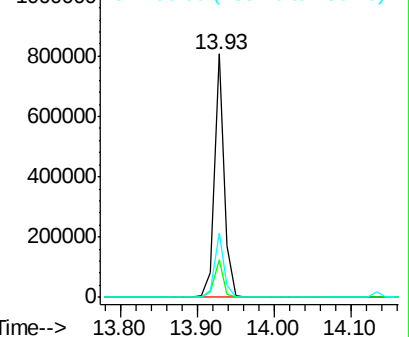
236 26.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.99 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

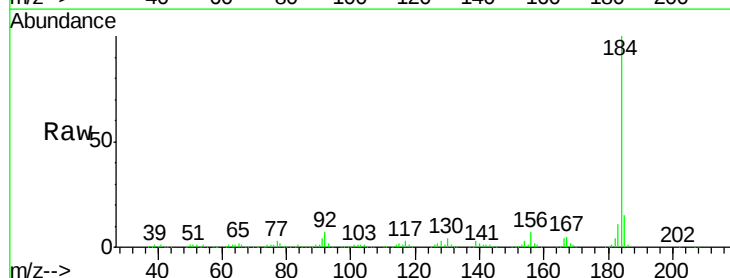
Tgt Ion:184 Resp: 599075

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.0

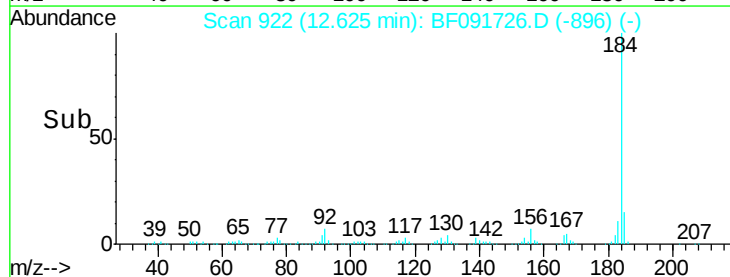
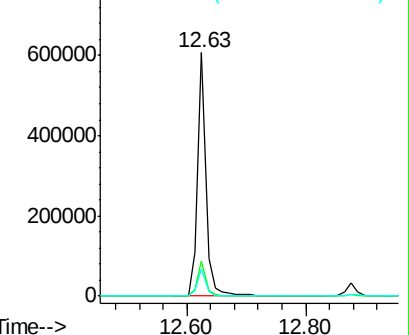
183 11.0 9.2 13.8

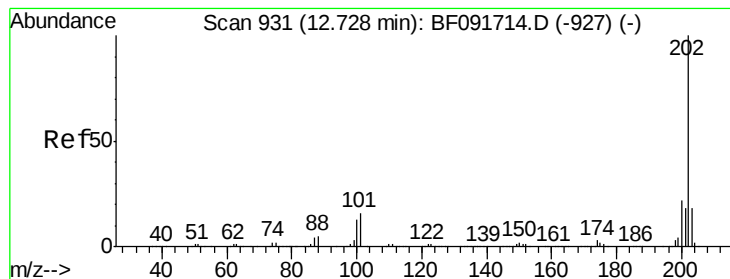


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 44.46 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampleId :

PB95429BS

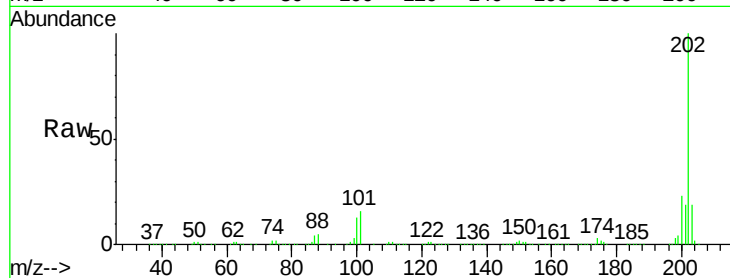
Tgt Ion:202 Resp: 2387688

Ion Ratio Lower Upper

202 100

200 22.7 17.7 26.5

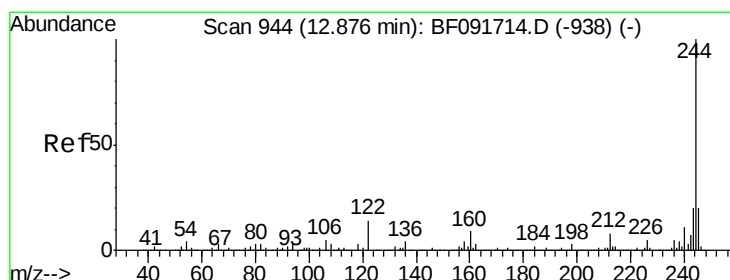
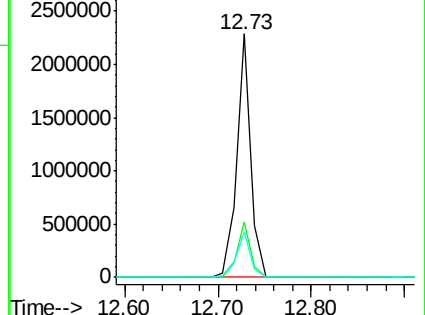
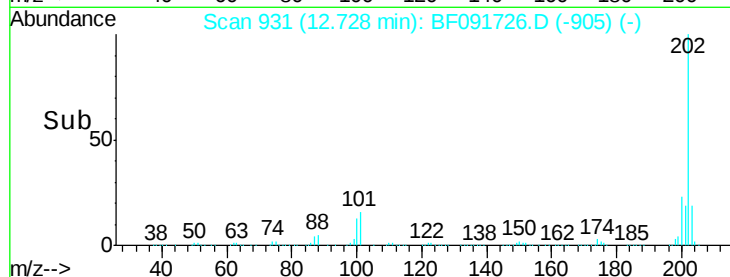
203 18.7 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 97.53 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

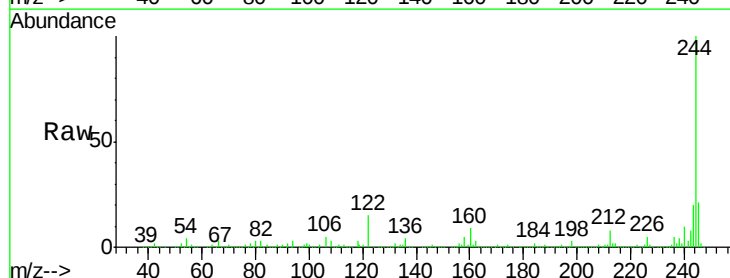
Tgt Ion:244 Resp: 2872251

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

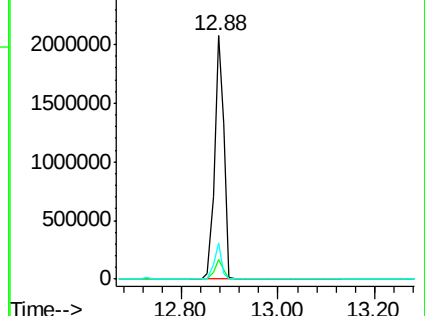
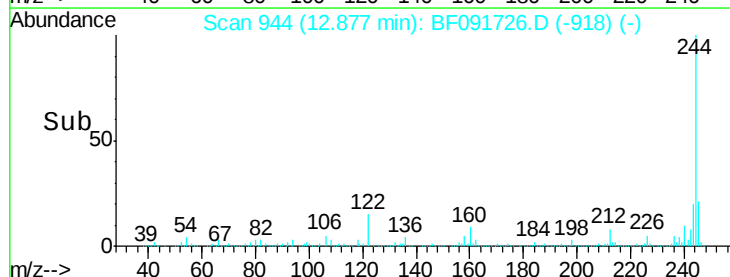
122 14.7 11.4 17.2

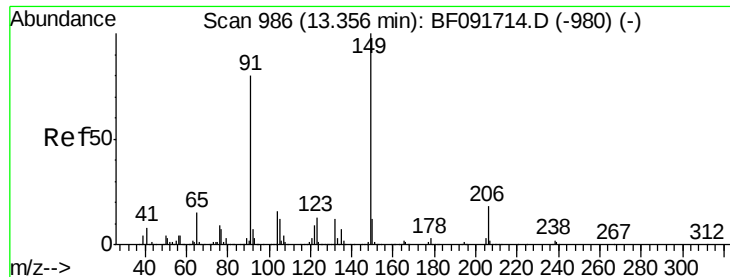


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

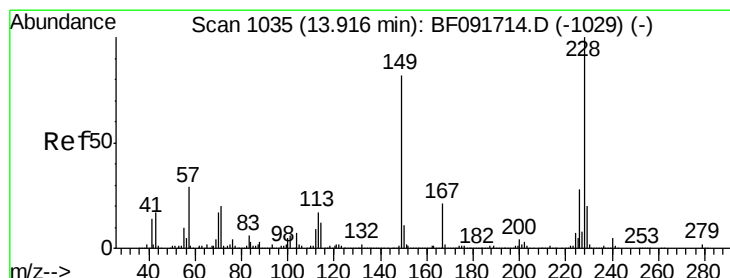
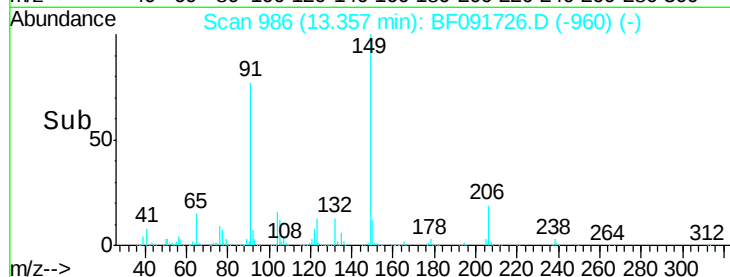
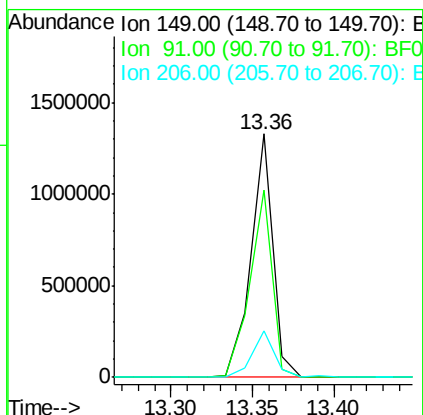
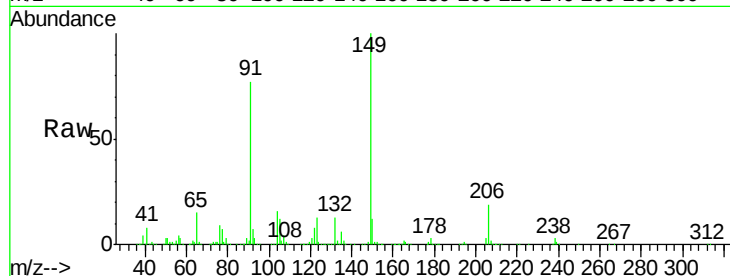




#79
Butylbenzylphthalate
Concen: 49.52 ng
RT: 13.36 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF091726.D
Acq: 18 Dec 2016 2:35

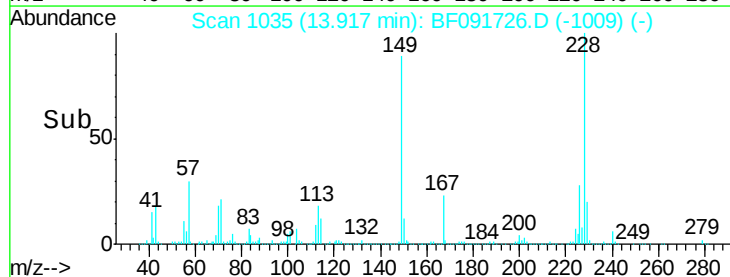
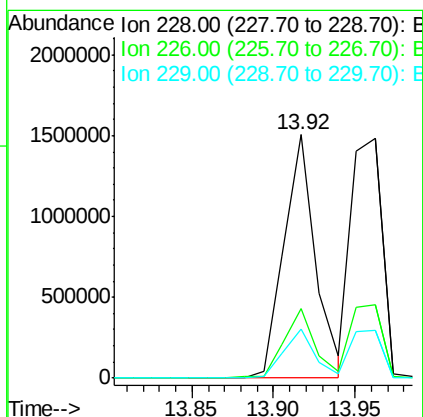
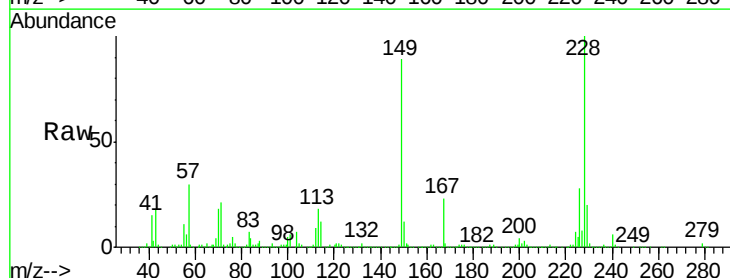
Instrument :
BNA_F
ClientSampleId :
PB95429BS

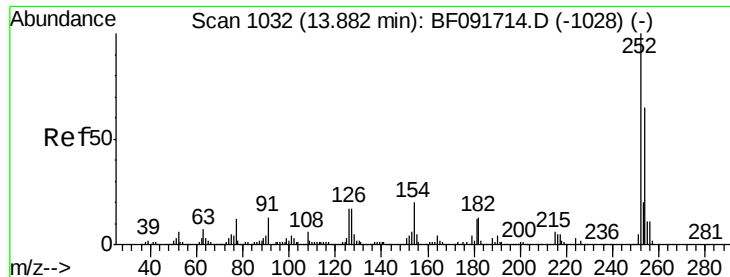
Tgt Ion:149 Resp: 1244633
Ion Ratio Lower Upper
149 100
91 77.2 63.9 95.9
206 19.0 14.6 21.8



#80
Benzo(a)anthracene
Concen: 47.89 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF091726.D
Acq: 18 Dec 2016 2:35

Tgt Ion:228 Resp: 2037014
Ion Ratio Lower Upper
228 100
226 28.5 22.4 33.6
229 20.2 16.2 24.4

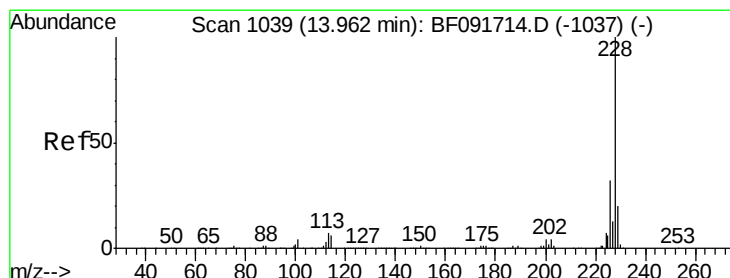
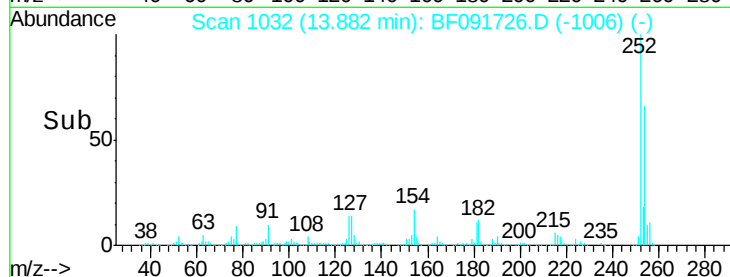
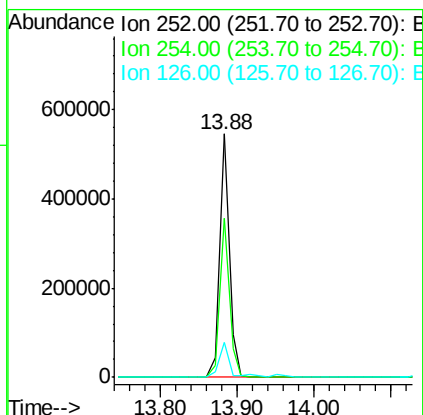
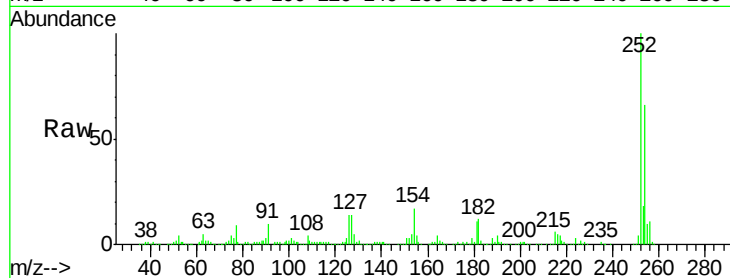




#81
 3,3'-Dichlorobenzidine
 Concen: 28.21 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF091726.D
 Acq: 18 Dec 2016 2:35

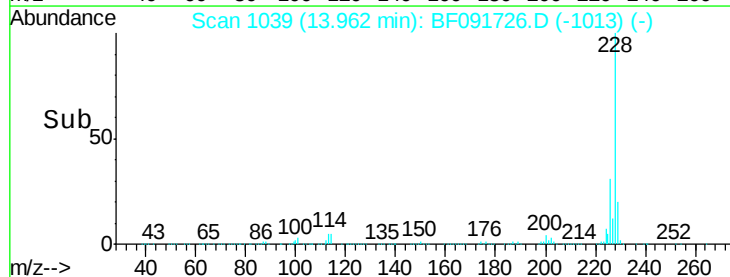
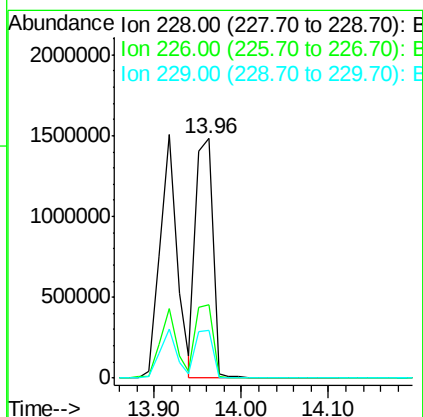
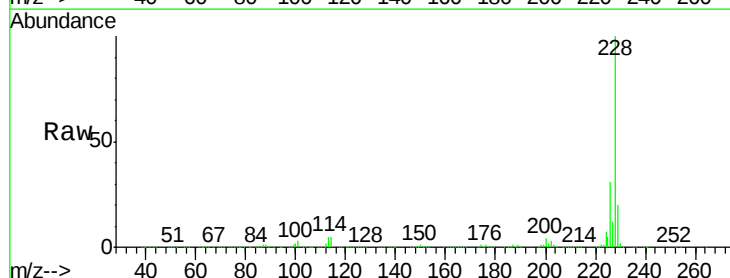
Instrument :
 BNA_F
 ClientSampleId :
 PB95429BS

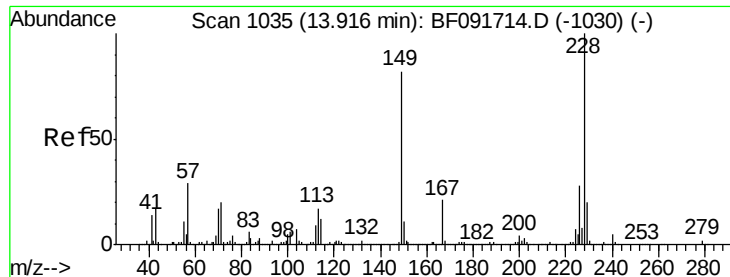
Tgt Ion: 252 Resp: 480173
 Ion Ratio Lower Upper
 252 100
 254 65.6 52.3 78.5
 126 14.3 13.6 20.4



#82
 Chrysene
 Concen: 45.86 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF091726.D
 Acq: 18 Dec 2016 2:35

Tgt Ion: 228 Resp: 2022084
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.4 38.0
 229 19.8 16.2 24.2

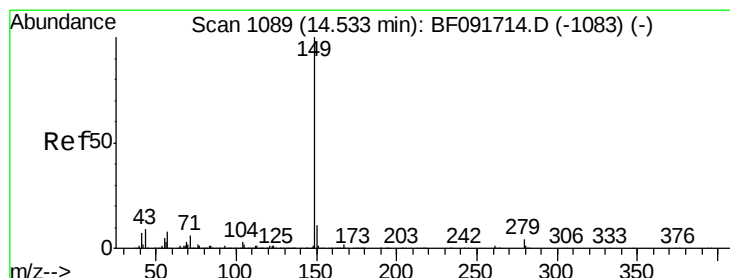
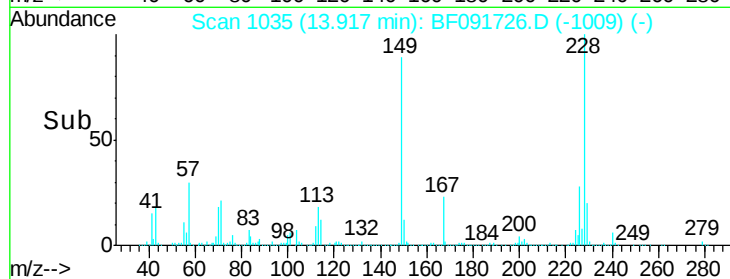
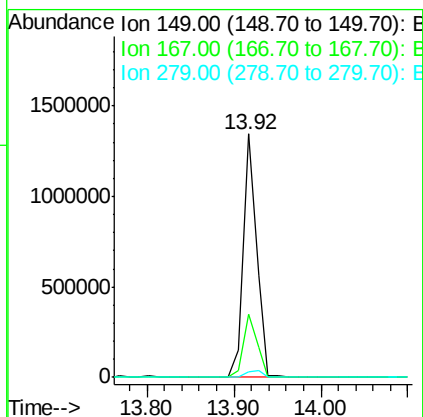
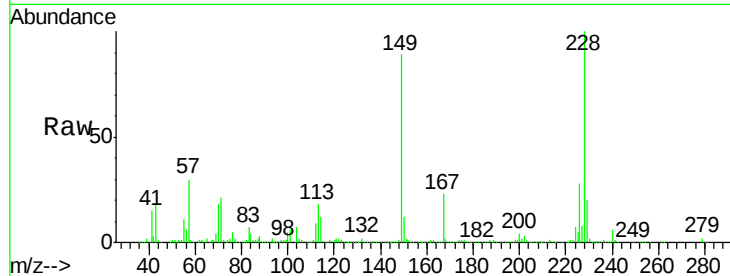




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.85 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091726.D
 Acq: 18 Dec 2016 2:35

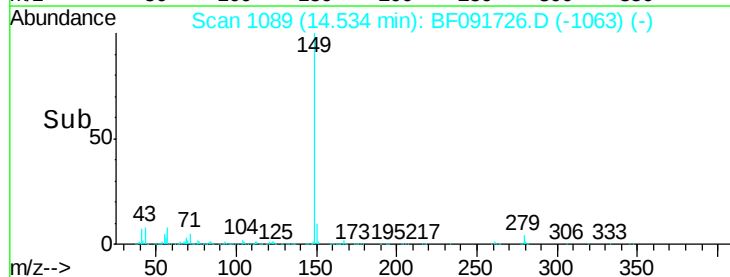
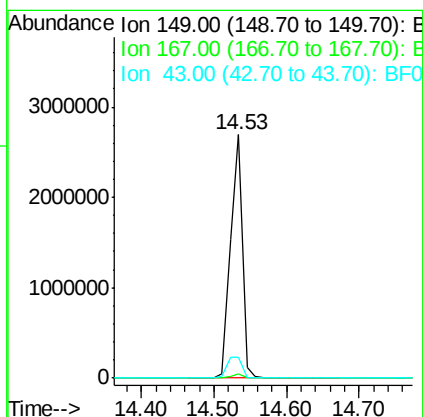
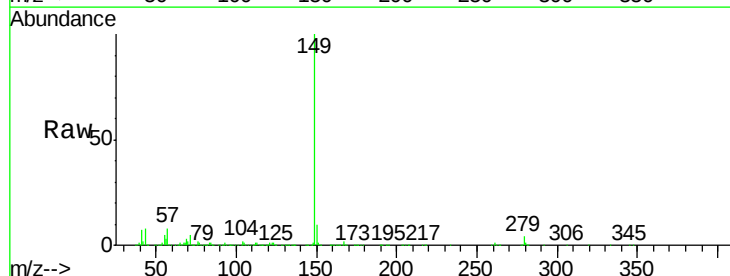
Instrument :
 BNA_F
 ClientSampleId :
 PB95429BS

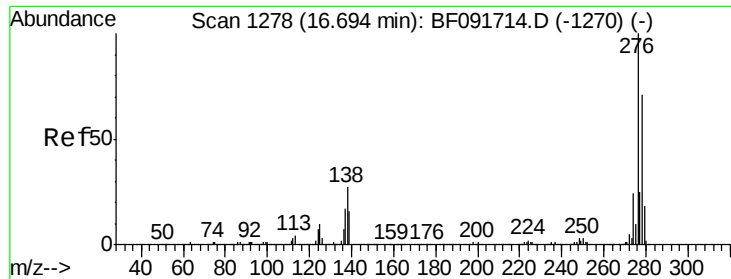
Tgt Ion:149 Resp: 1429938
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.2 30.4
 279 2.4 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 51.74 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF091726.D
 Acq: 18 Dec 2016 2:35

Tgt Ion:149 Resp: 3039536
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.7 8.9 13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.15 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampleId :

PB95429BS

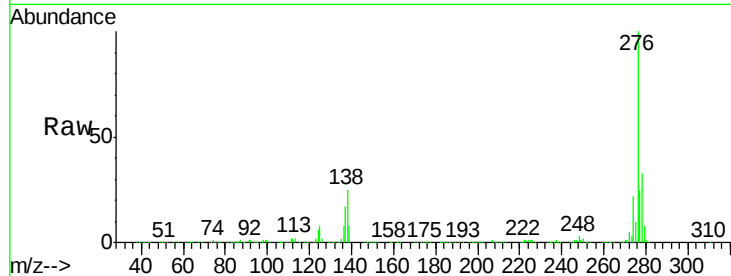
Tgt Ion:276 Resp: 2130704

Ion Ratio Lower Upper

276 100

138 27.4 21.8 32.6

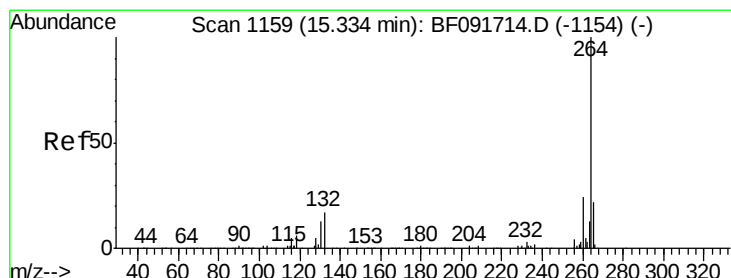
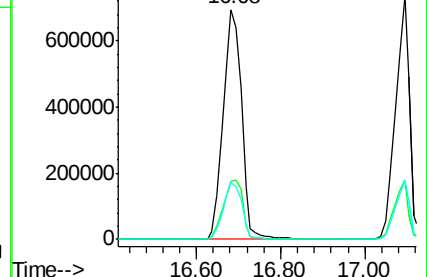
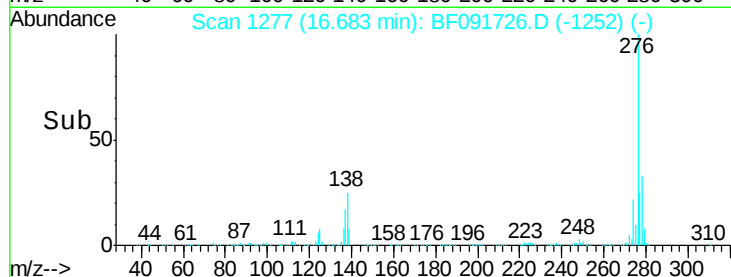
277 25.2 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.33 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

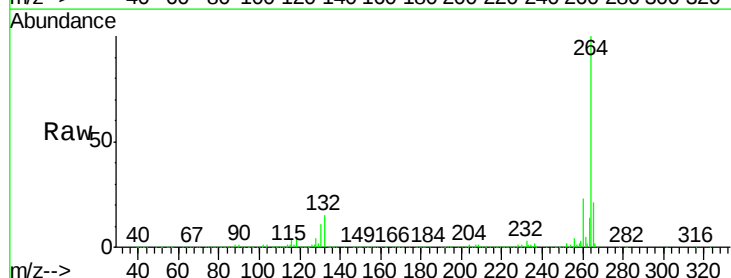
Tgt Ion:264 Resp: 830927

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

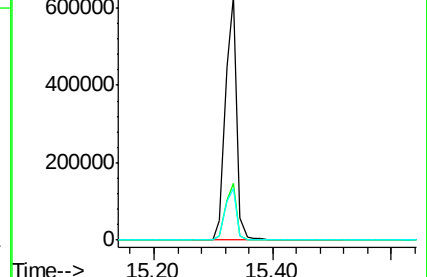
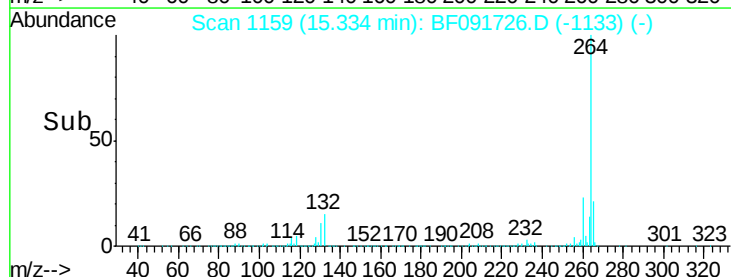
265 21.4 17.4 26.0

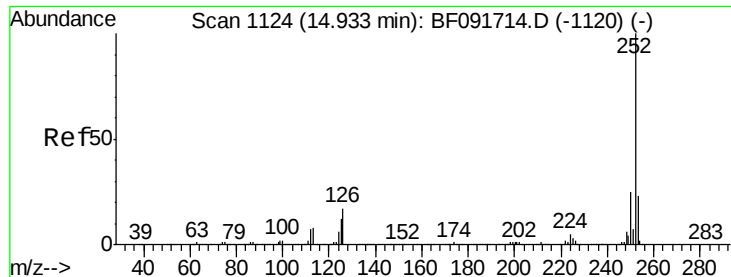


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

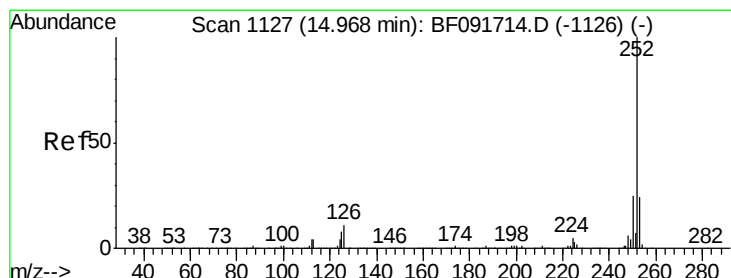
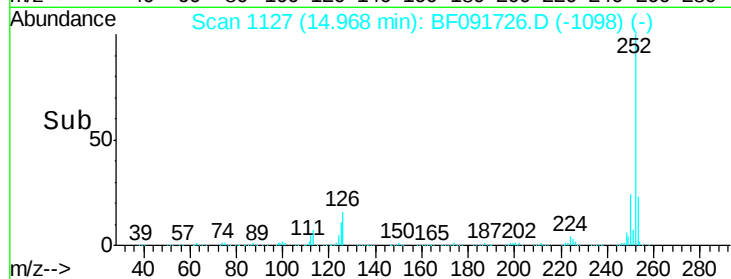
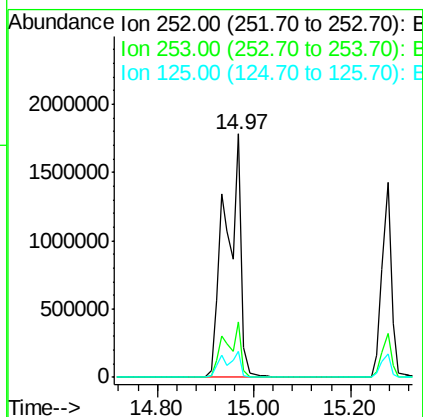
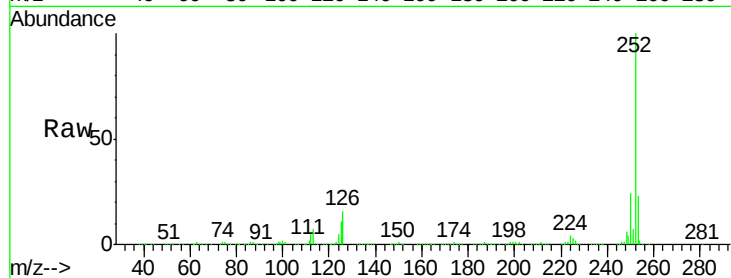




#87
Benzo(b)fluoranthene
Concen: 78.36 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.03 min
Lab File: BF091726.D
Acq: 18 Dec 2016 2:35

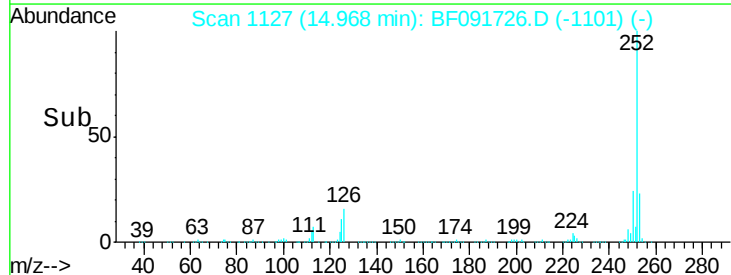
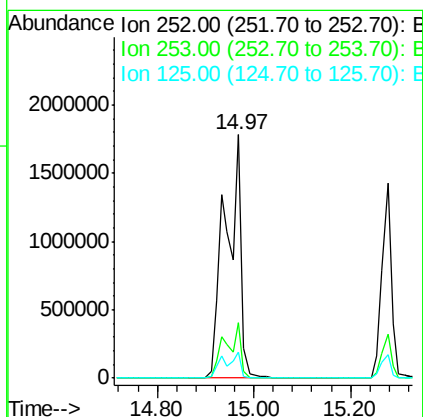
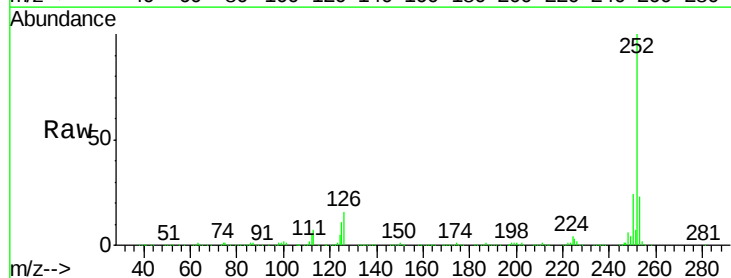
Instrument :
BNA_F
ClientSampleId :
PB95429BS

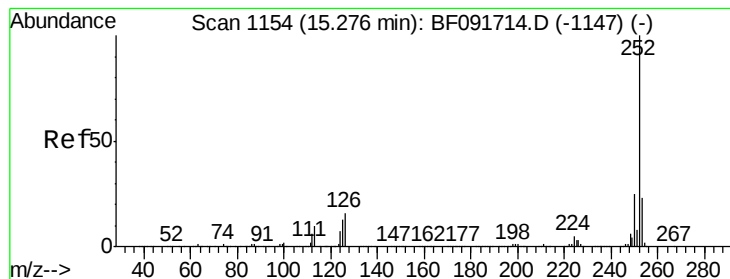
Tgt Ion:252 Resp: 4128748
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 10.9 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 111.68 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF091726.D
Acq: 18 Dec 2016 2:35

Tgt Ion:252 Resp: 4128748
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 10.9 8.9 13.3





#89

Benzo(a)pyrene

Concen: 43.64 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampleId :

PB95429BS

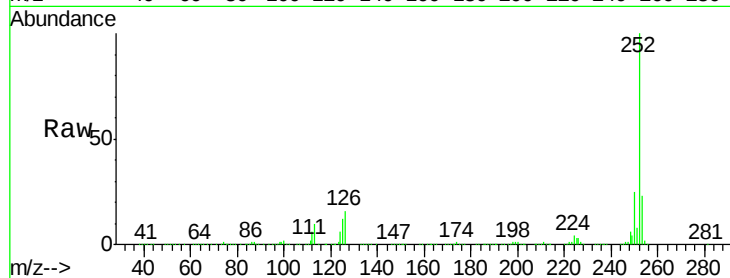
Tgt Ion:252 Resp: 1973363

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

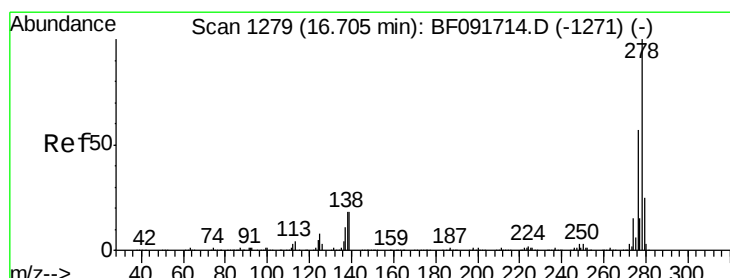
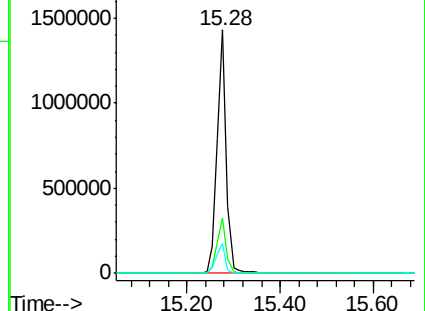
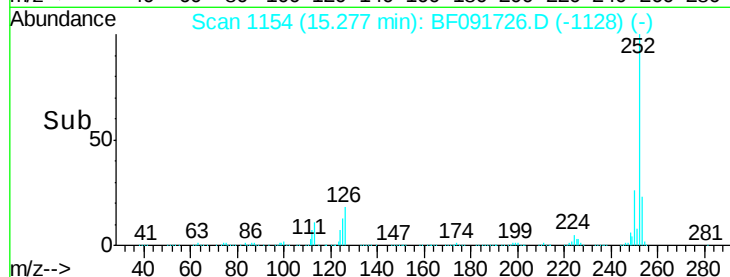
125 12.2 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.10 ng

RT: 16.71 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

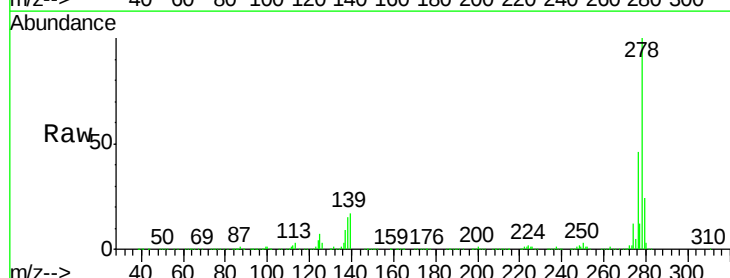
Tgt Ion:278 Resp: 1738193

Ion Ratio Lower Upper

278 100

139 17.5 14.8 22.2

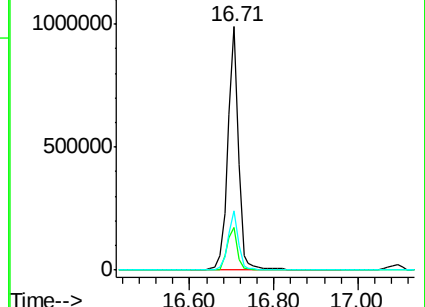
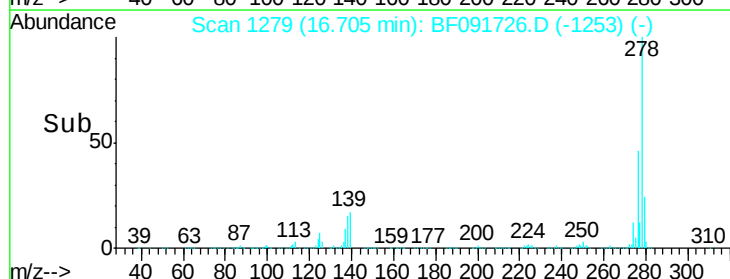
279 24.3 19.8 29.6

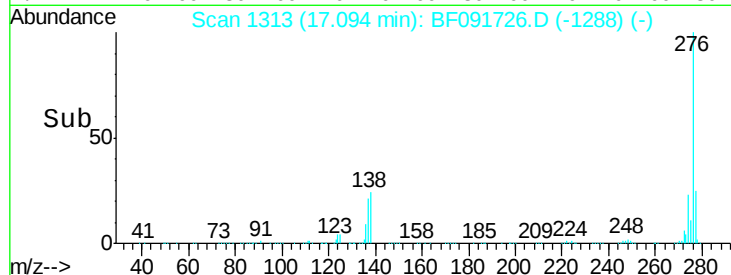
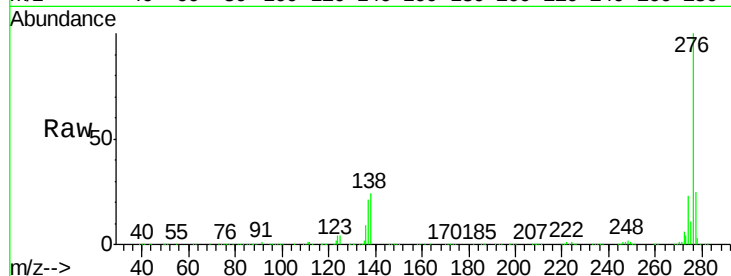
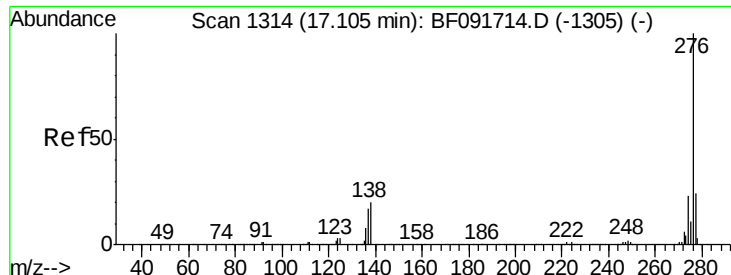


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.57 ng

RT: 17.09 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF091726.D

Acq: 18 Dec 2016 2:35

Instrument :

BNA_F

ClientSampleId :

PB95429BS

Tgt Ion:276 Resp: 1745463

Ion Ratio Lower Upper

276 100

277 24.5 19.2 28.8

138 24.3 16.0 24.0#

