

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
 Data File : BF091472.D
 Acq On : 7 Dec 2016 16:30
 Operator : UM/SJ
 Sample : PB95096BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BS

Quant Time: Dec 08 00:21:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	150316	20.00	ng	-0.04
21) Naphthalene-d8	8.12	136	583580	20.00	ng	-0.05
38) Acenaphthene-d10	9.88	164	368499	20.00	ng	-0.04
63) Phenanthrene-d10	11.35	188	631754	20.00	ng	-0.05
75) Chrysene-d12	13.99	240	502266	20.00	ng	-0.05
86) Perylene-d12	15.41	264	361455	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1056682	114.84	ng	-0.03
7) Phenol-d6	6.48	99	1410374	124.52	ng	-0.02
23) Nitrobenzene-d5	7.40	82	941529	90.41	ng	-0.05
41) 2,4,6-Tribromophenol	10.66	330	430037	123.27	ng	-0.04
44) 2-Fluorobiphenyl	9.20	172	1833720	90.10	ng	-0.04
78) Terphenyl-d14	12.94	244	1776933	76.89	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	128198	30.80	ng	# 82
3) Pyridine	3.21	79	324452	27.54	ng	# 79
4) n-Nitrosodimethylamine	3.17	42	236534	38.27	ng	96
6) Aniline	6.49	93	390687	25.97	ng	# 61
8) 2-Chlorophenol	6.62	128	401374	39.79	ng	# 81
9) Benzaldehyde	6.38	77	116462	15.99	ng	81
10) Phenol	6.49	94	503988	37.81	ng	90
11) bis(2-Chloroethyl)ether	6.57	93	377773	39.67	ng	98
12) 1,3-Dichlorobenzene	6.78	146	436189	38.87	ng	95
13) 1,4-Dichlorobenzene	6.85	146	414125	37.10	ng	95
14) 1,2-Dichlorobenzene	7.01	146	436574	41.99	ng	96
15) Benzyl Alcohol	6.98	79	392610	43.31	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	803988	39.26	ng	73
17) 2-Methylphenol	7.10	107	343207	43.04	ng	# 77
18) Hexachloroethane	7.35	117	173619	43.80	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	306656	42.97	ng	# 93
20) 3+4-Methylphenols	7.25	107	394599	40.53	ng	# 65
22) Acetophenone	7.25	105	567205	41.01	ng	# 80
24) Nitrobenzene	7.42	77	477561	44.79	ng	91
25) Isophorone	7.66	82	866196	46.95	ng	99
26) 2-Nitrophenol	7.74	139	235596	48.49	ng	# 78
27) 2,4-Dimethylphenol	7.77	122	392580	43.19	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	516358	46.50	ng	99
29) 2,4-Dichlorophenol	7.98	162	359535	44.97	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	373823	41.70	ng	98
31) Naphthalene	8.14	128	1085555	39.14	ng	99
32) Benzoic acid	7.91	122	277434	41.41	ng	99
33) 4-Chloroaniline	8.18	127	227513	19.19	ng	# 94
34) Hexachlorobutadiene	8.26	225	262656	47.65	ng	99
35) Caprolactam	8.62	113	43790	19.05	ng	95
36) 4-Chloro-3-methylphenol	8.68	107	355219	41.15	ng	99
37) 2-Methylnaphthalene	8.84	142	886675	47.06	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	385723	37.13	ng	97
40) Hexachlorocyclopentadiene	9.00	237	419668	87.15	ng	98

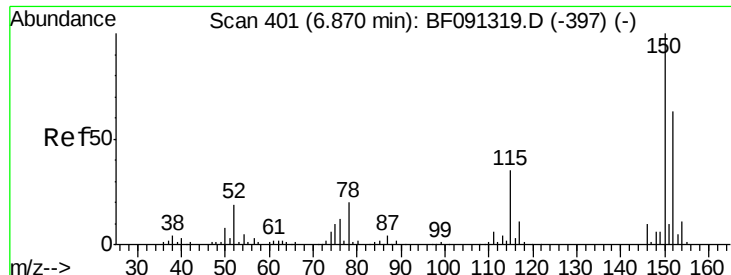
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	280337	41.52	ng	96
43) 2,4,5-Trichlorophenol	9.16	196	267423	39.52	ng	95
45) 1,1'-Biphenyl	9.29	154	976252	36.84	ng	96
46) 2-Chloronaphthalene	9.32	162	728794	36.93	ng	98
47) 2-Nitroaniline	9.42	65	300072	42.34	ng	89
48) Acenaphthylene	9.74	152	1253632	40.36	ng	99
49) Dimethylphthalate	9.60	163	823778	36.92	ng	97
50) 2,6-Dinitrotoluene	9.66	165	191190	38.34	ng	98
51) Acenaphthene	9.91	154	945922	45.14	ng	95
52) 3-Nitroaniline	9.83	138	121910	21.12	ng	81
53) 2,4-Dinitrophenol	9.93	184	216173	99.12	ng	84
54) Dibenzofuran	10.08	168	1157817	41.27	ng	95
55) 4-Nitrophenol	9.99	139	326390	78.29	ng	93
56) 2,4-Dinitrotoluene	10.06	165	274187	42.38	ng	# 53
57) Fluorene	10.42	166	959925	44.57	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.20	232	244533	42.32	ng	97
59) Diethylphthalate	10.30	149	887155	40.28	ng	98
60) 4-Chlorophenyl-phenylether	10.41	204	388876	36.00	ng	# 84
61) 4-Nitroaniline	10.45	138	216107	39.87	ng	93
62) Azobenzene	10.57	77	927233	41.26	ng	89
64) 4,6-Dinitro-2-methylphenol	10.47	198	160727	46.18	ng	# 69
65) n-Nitrosodiphenylamine	10.54	169	844188	44.07	ng	98
66) 4-Bromophenyl-phenylether	10.90	248	304077	44.78	ng	# 86
67) Hexachlorobenzene	10.97	284	316159	43.09	ng	# 89
68) Atrazine	11.06	200	254963	41.10	ng	97
69) Pentachlorophenol	11.16	266	346267	80.16	ng	97
70) Phenanthrene	11.38	178	1436654	43.76	ng	100
71) Anthracene	11.43	178	1296065	39.78	ng	99
72) Carbazole	11.59	167	1246948	42.18	ng	# 95
73) Di-n-butylphthalate	11.92	149	1583534	47.26	ng	99
74) Fluoranthene	12.56	202	1427939	45.92	ng	99
76) Benzidine	12.68	184	264999	17.97	ng	98
77) Pyrene	12.79	202	1480788	38.85	ng	99
79) Butylbenzylphthalate	13.42	149	625180	43.80	ng	# 81
80) Benzo(a)anthracene	13.98	228	1134917	38.64	ng	98
81) 3,3'-Dichlorobenzidine	13.95	252	263456	25.46	ng	# 98
82) Chrysene	14.01	228	1057069	36.37	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	864901	47.81	ng	# 93
84) Di-n-octyl phthalate	14.59	149	1301616	47.54	ng	96
85) Indeno(1,2,3-cd)pyrene	16.79	276	937236	35.21	ng	# 92
87) Benzo(b)fluoranthene	15.03	252	1904465	84.77	ng	# 96
88) Benzo(k)fluoranthene	15.03	252	1905109	100.84	ng	# 94
89) Benzo(a)pyrene	15.35	252	898617	44.54	ng	# 92
90) Dibenzo(a,h)anthracene	16.80	278	786717	42.16	ng	# 94
91) Benzo(g,h,i)perylene	17.21	276	818774	42.55	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.04 min

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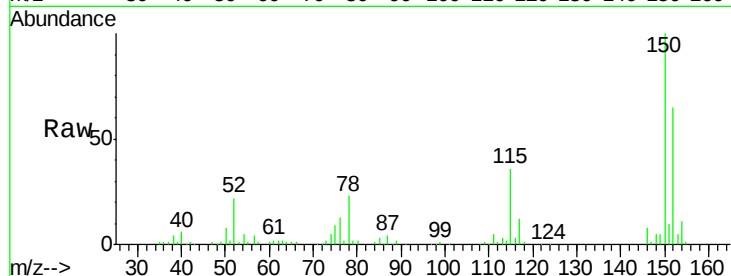
Tgt Ion:152 Resp: 150316

Ion Ratio Lower Upper

152 100

150 152.9 122.5 183.7

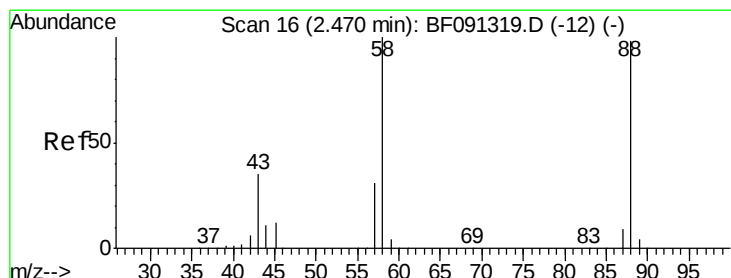
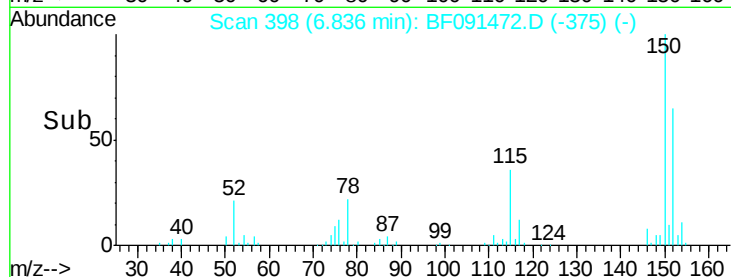
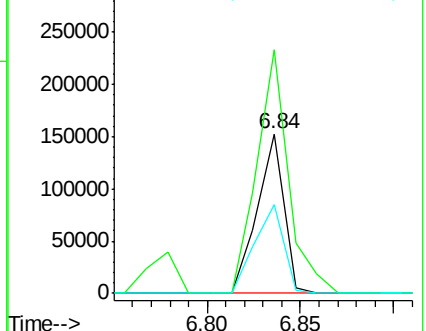
115 55.7 51.8 77.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.80 ng

RT: 2.50 min Scan# 19

Delta R.T. 0.01 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

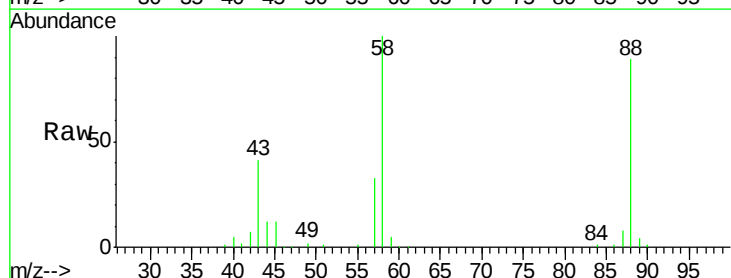
Tgt Ion: 88 Resp: 128198

Ion Ratio Lower Upper

88 100

58 108.3 70.3 105.5#

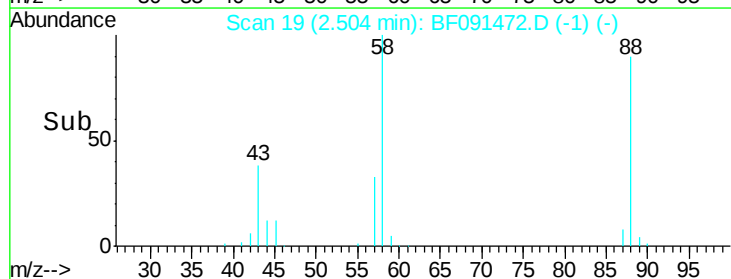
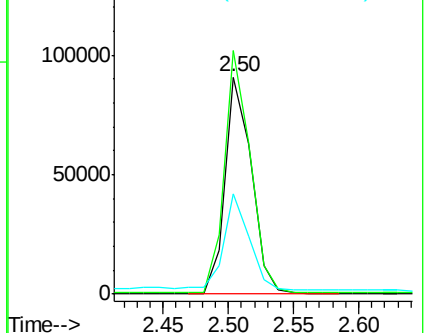
43 43.7 31.3 46.9

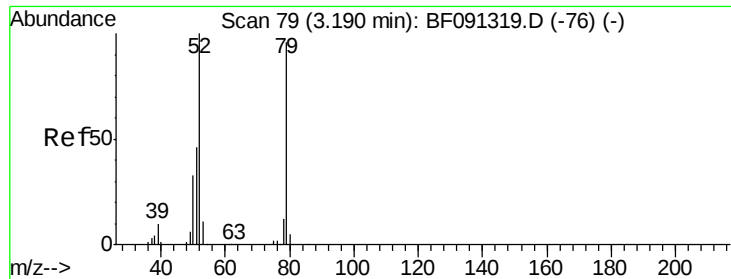


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 27.54 ng

RT: 3.21 min Scan# 81

Delta R.T. -0.01 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

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ClientSampleId :

PB95096BS

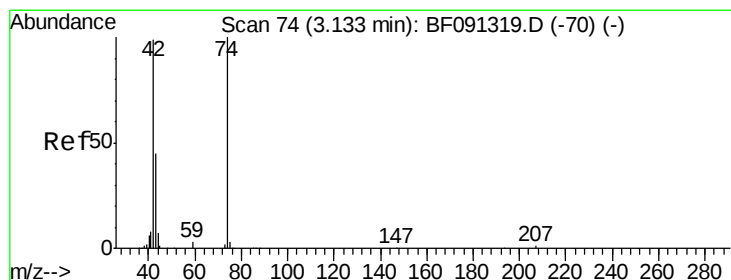
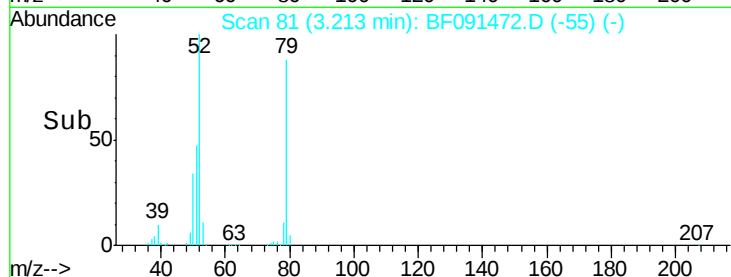
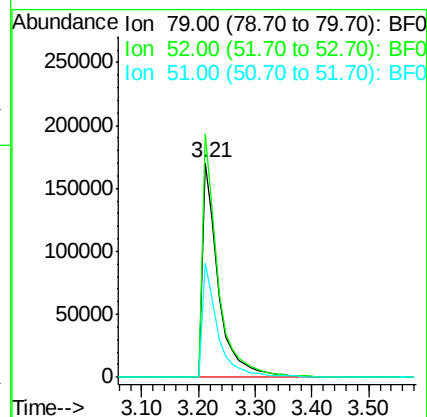
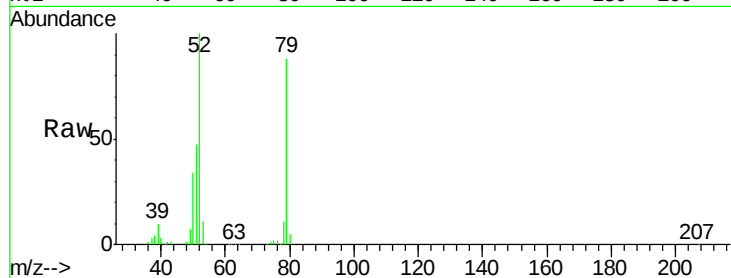
Tgt Ion: 79 Resp: 324452

Ion Ratio Lower Upper

79 100

52 113.5 71.0 106.4#

51 53.3 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 38.27 ng

RT: 3.17 min Scan# 77

Delta R.T. -0.01 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

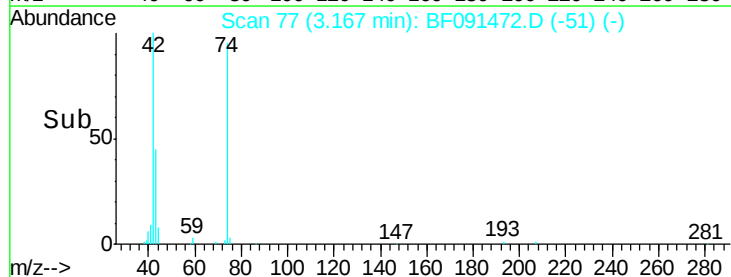
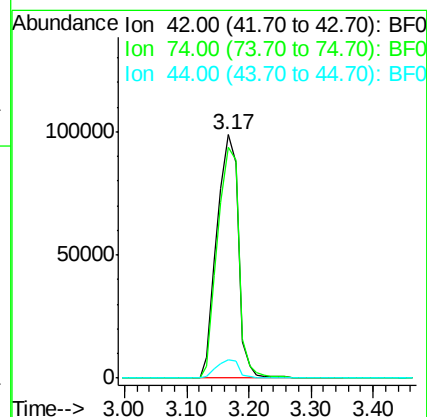
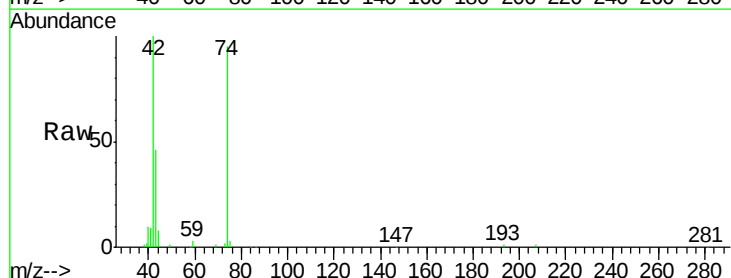
Tgt Ion: 42 Resp: 236534

Ion Ratio Lower Upper

42 100

74 94.7 78.9 118.3

44 7.7 5.8 8.6





#5

2-Fluorophenol

Concen: 114.84 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleId :

PB95096BS

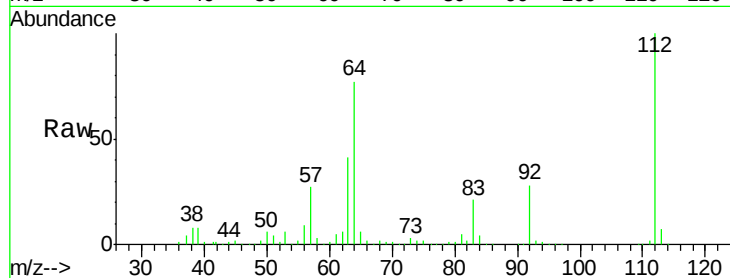
Tgt Ion: 112 Resp: 1056682

Ion Ratio Lower Upper

112 100

64 76.6 61.5 92.3

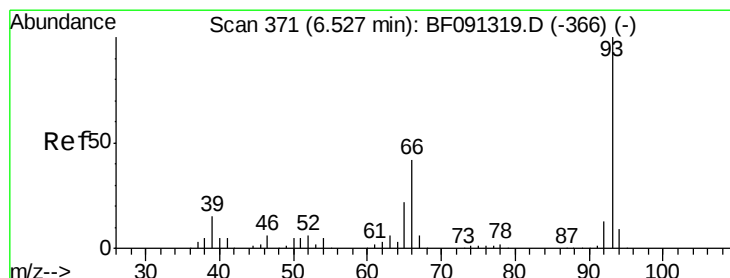
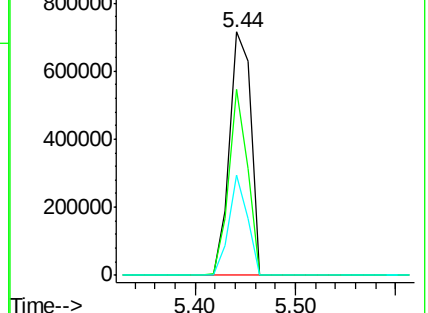
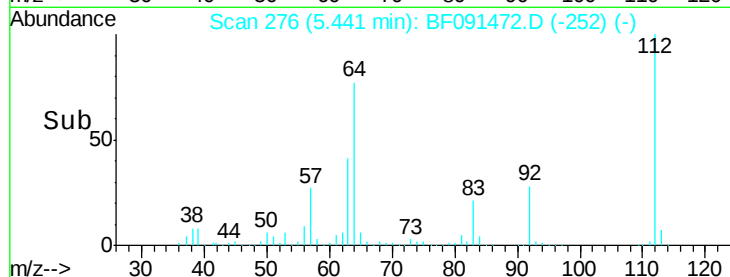
63 41.1 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.97 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

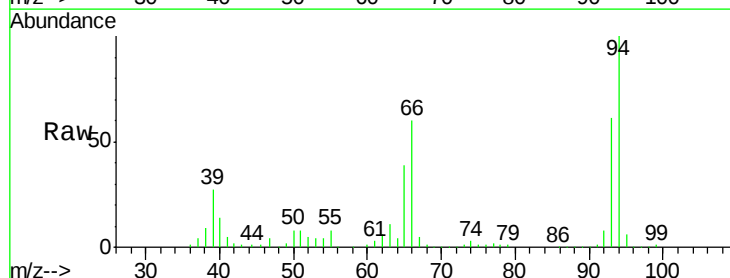
Tgt Ion: 93 Resp: 390687

Ion Ratio Lower Upper

93 100

66 99.3 55.8 83.6#

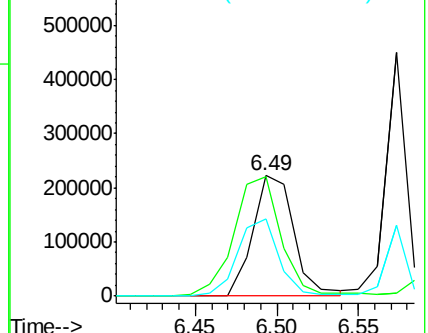
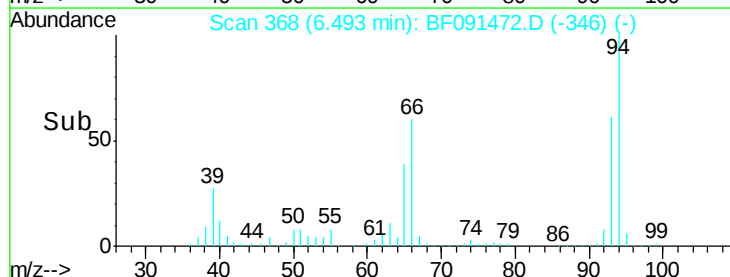
65 64.5 29.9 44.9#

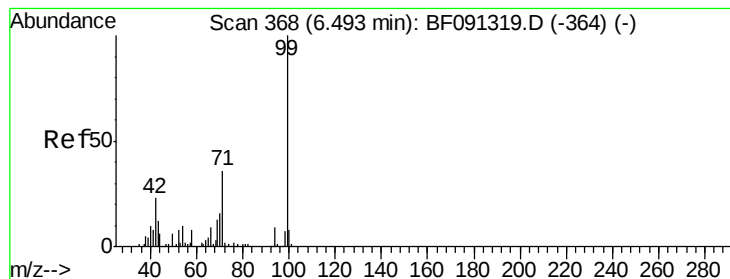


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.52 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

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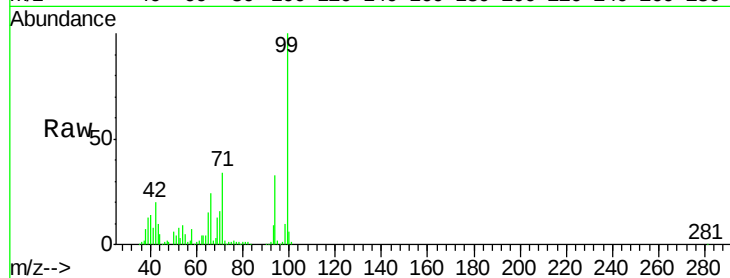
Tgt Ion: 99 Resp: 1410374

Ion Ratio Lower Upper

99 100

42 19.7 20.6 31.0#

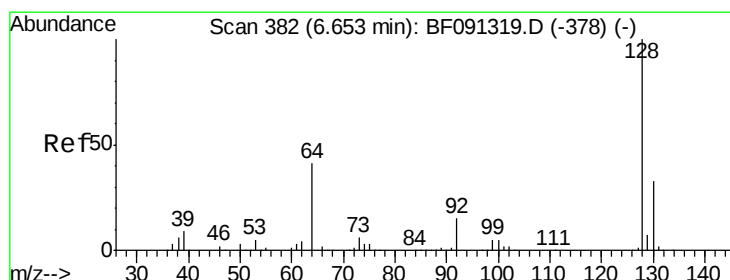
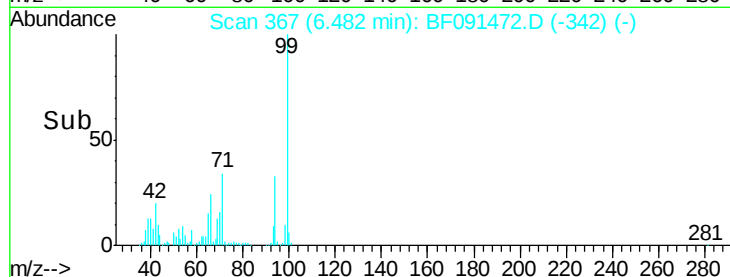
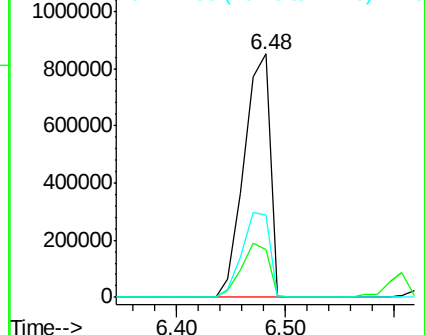
71 34.0 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.79 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.04 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

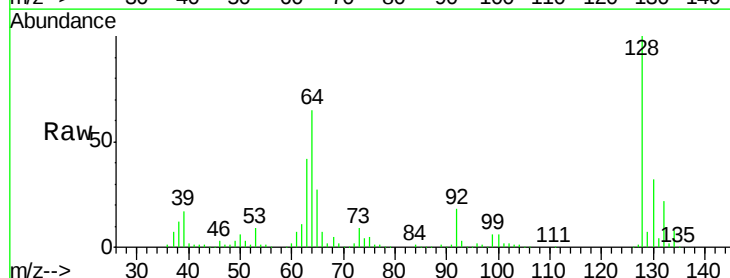
Tgt Ion: 128 Resp: 401374

Ion Ratio Lower Upper

128 100

130 31.7 13.1 53.1

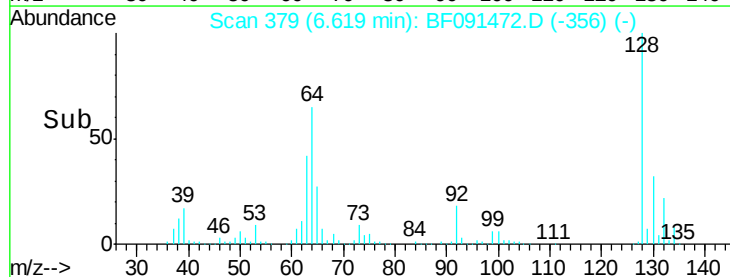
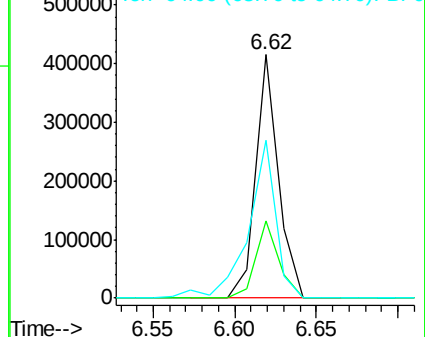
64 64.9 24.1 64.1#

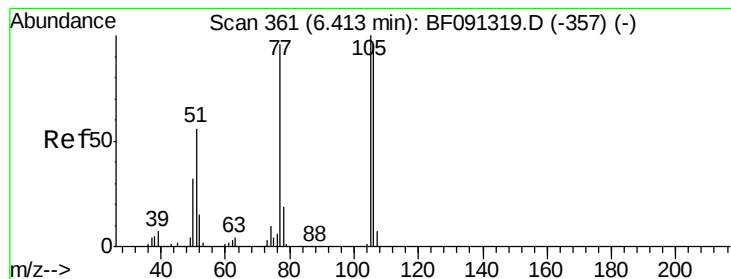


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.99 ng

RT: 6.38 min Scan# 358

Delta R.T. -0.04 min

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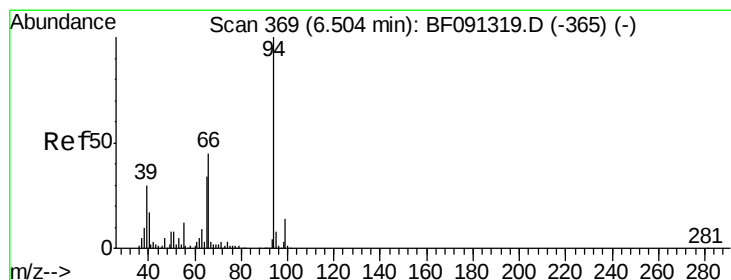
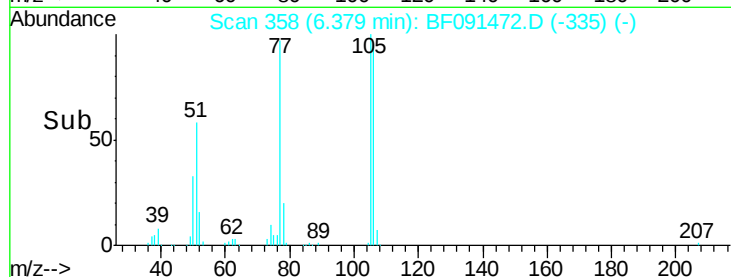
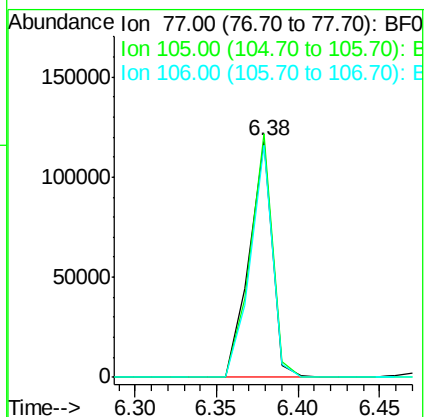
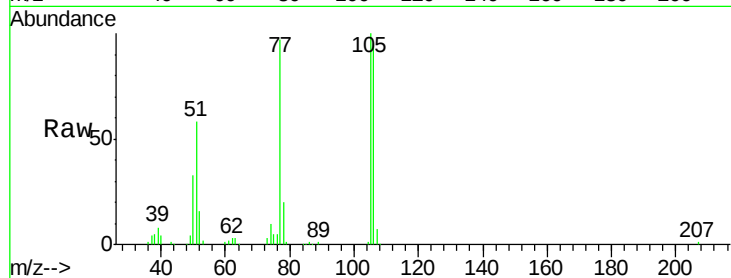
Tgt Ion: 77 Resp: 116462

Ion Ratio Lower Upper

77 100

105 103.0 66.4 106.4

106 97.9 60.9 100.9



#10

Phenol

Concen: 37.81 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

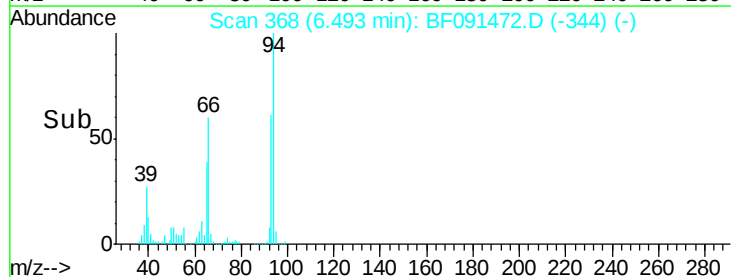
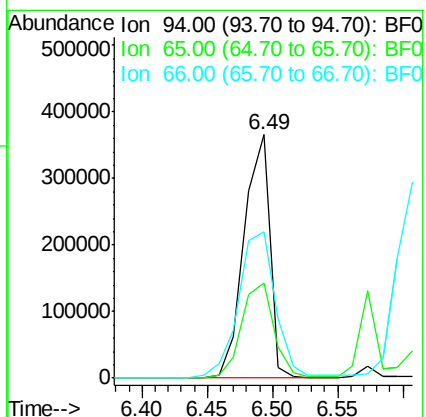
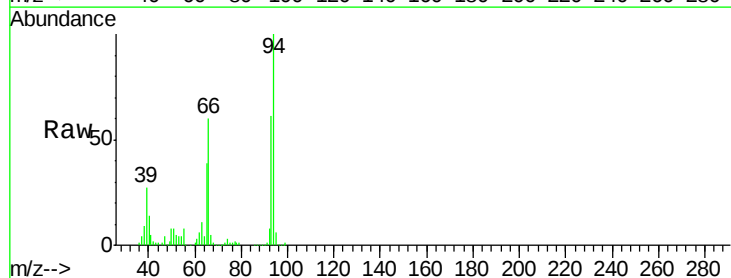
Tgt Ion: 94 Resp: 503988

Ion Ratio Lower Upper

94 100

65 39.2 16.9 56.9

66 60.3 30.6 70.6

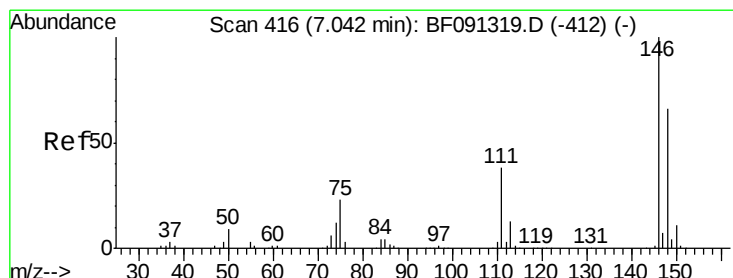
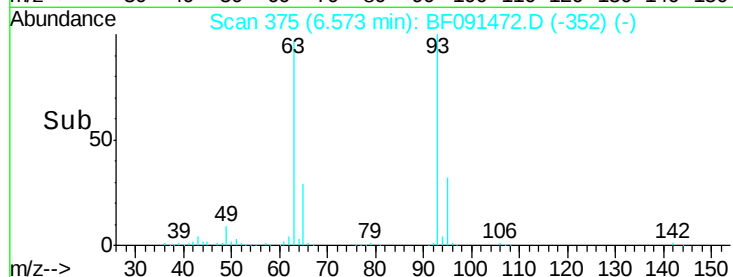
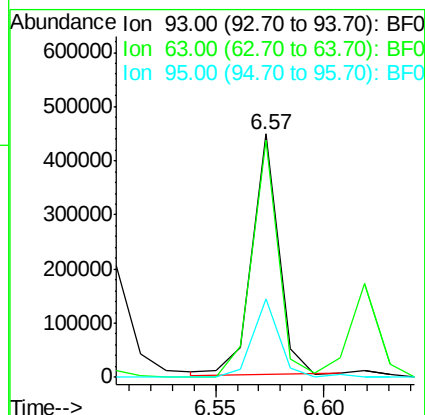
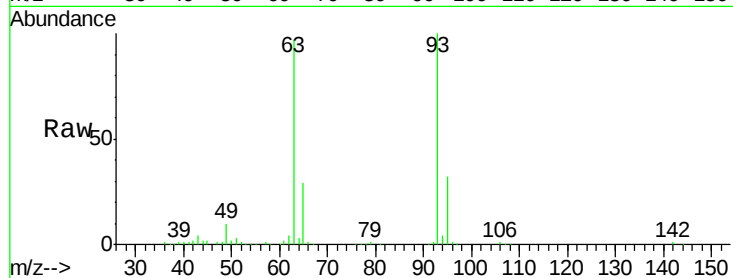




#11
bis(2-Chloroethyl)ether
Concen: 39.67 ng
RT: 6.57 min Scan# 375
Delta R.T. -0.04 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

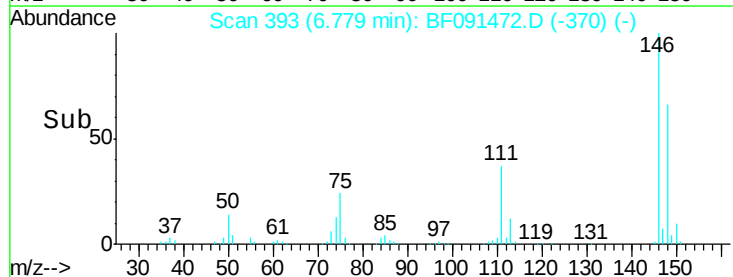
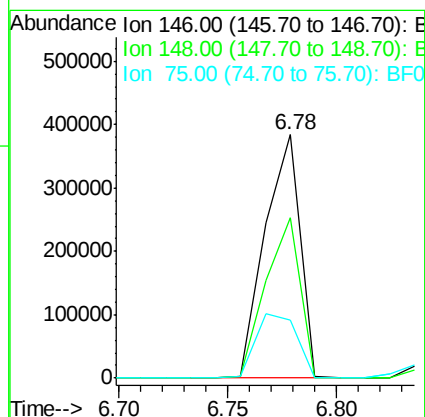
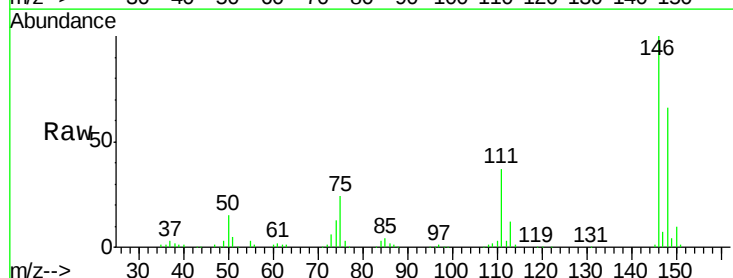
Instrument :
BNA_F
ClientSampleId :
PB95096BS

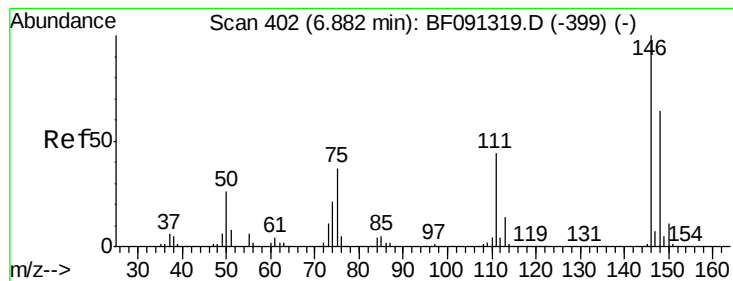
Tgt Ion: 93 Resp: 377773
Ion Ratio Lower Upper
93 100
63 97.4 74.8 114.8
95 32.3 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 38.87 ng
RT: 6.78 min Scan# 393
Delta R.T. -0.04 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion: 146 Resp: 436189
Ion Ratio Lower Upper
146 100
148 65.8 51.4 77.0
75 23.7 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 37.10 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.05 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleId :

PB95096BS

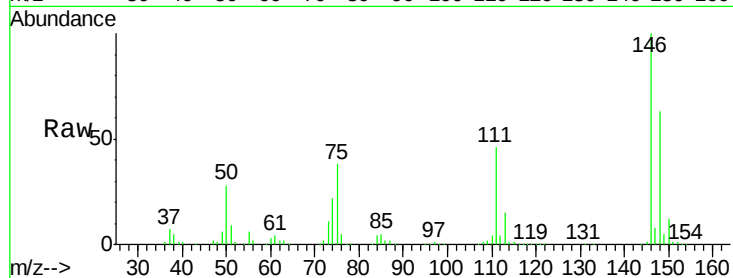
Tgt Ion:146 Resp: 414125

Ion Ratio Lower Upper

146 100

148 62.5 51.4 77.0

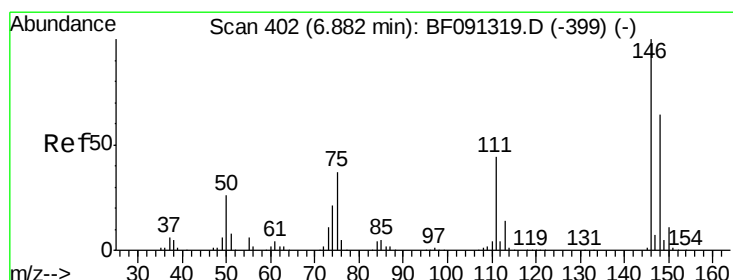
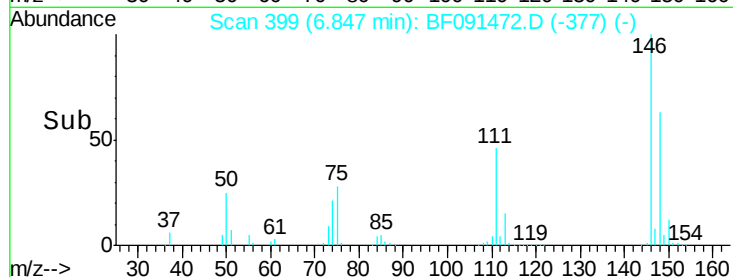
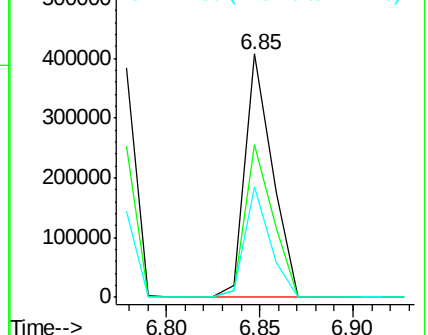
111 45.5 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.99 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.04 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

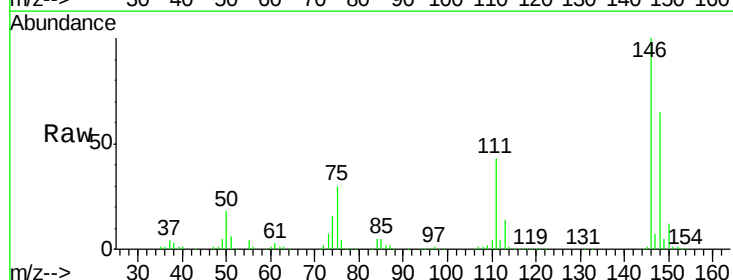
Tgt Ion:146 Resp: 436574

Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.6

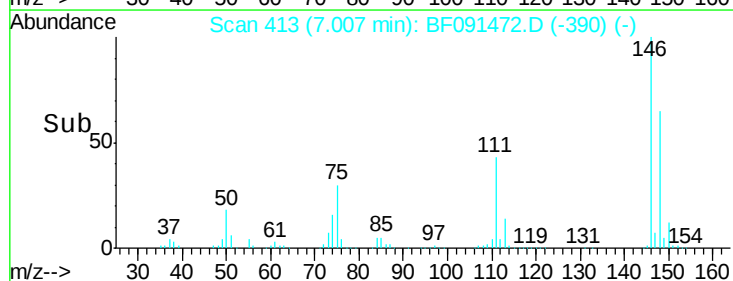
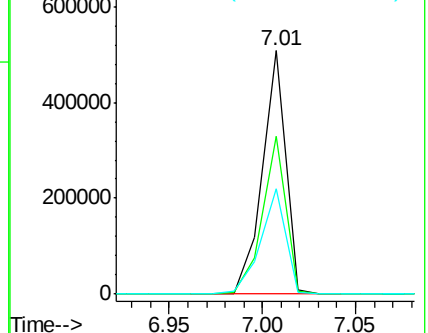
111 43.3 38.9 58.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.31 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.04 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleId :

PB95096BS

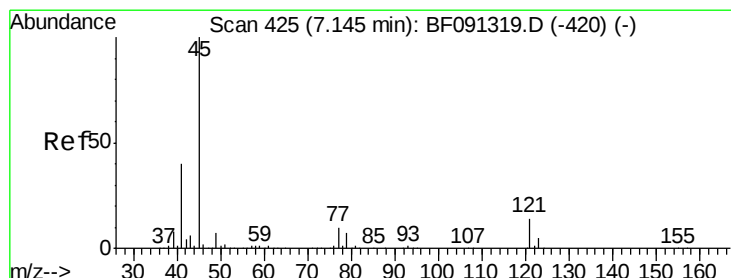
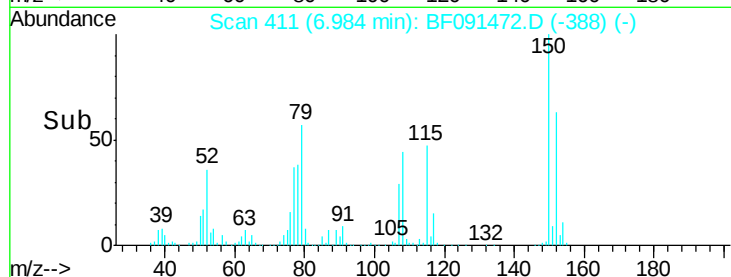
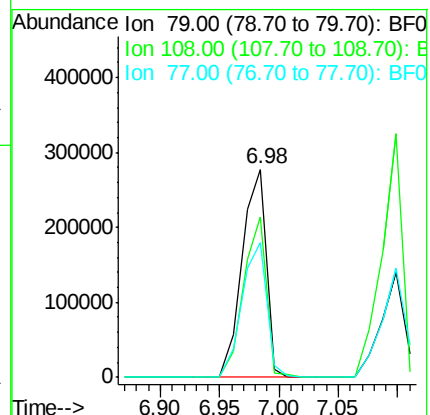
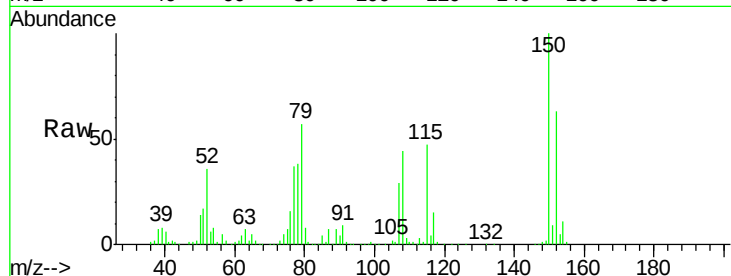
Tgt Ion: 79 Resp: 392610

Ion Ratio Lower Upper

79 100

108 76.9 62.7 94.1

77 64.8 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.26 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.04 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

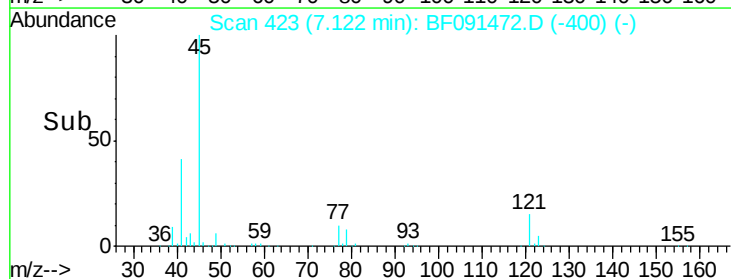
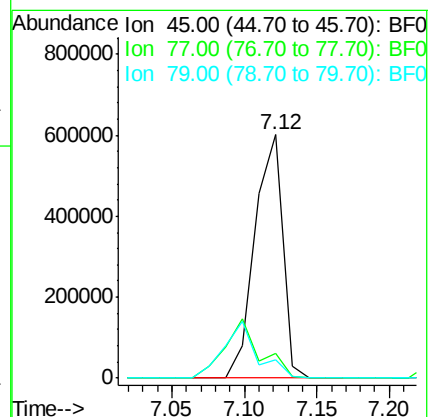
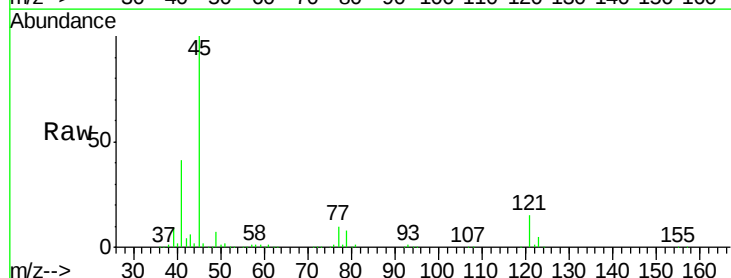
Tgt Ion: 45 Resp: 803988

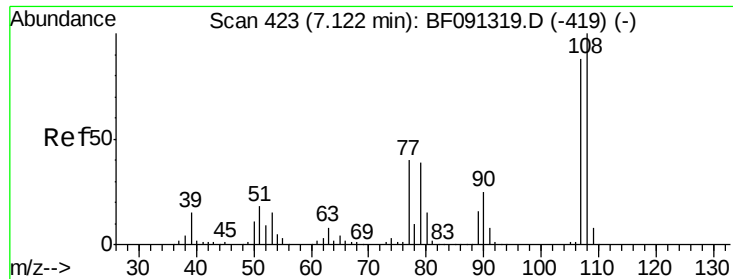
Ion Ratio Lower Upper

45 100

77 10.3 3.8 43.8

79 7.7 0.2 40.2

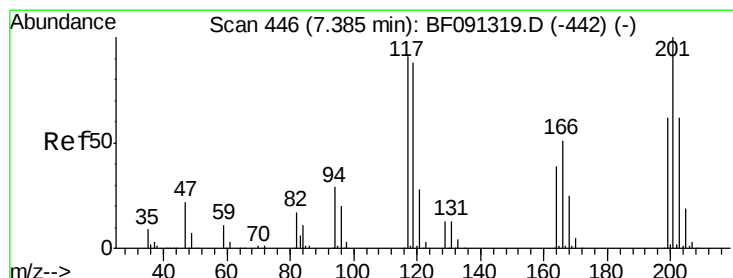
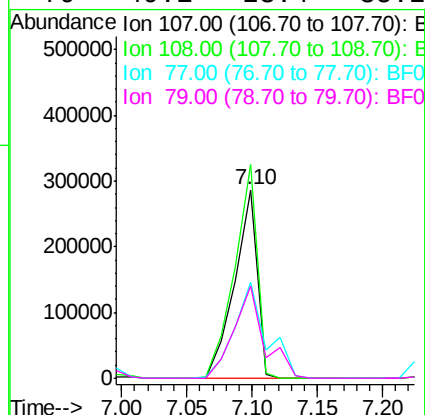
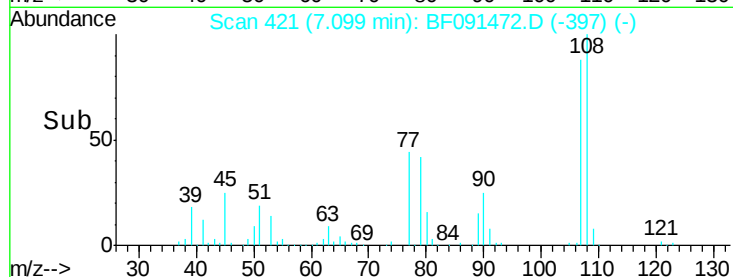
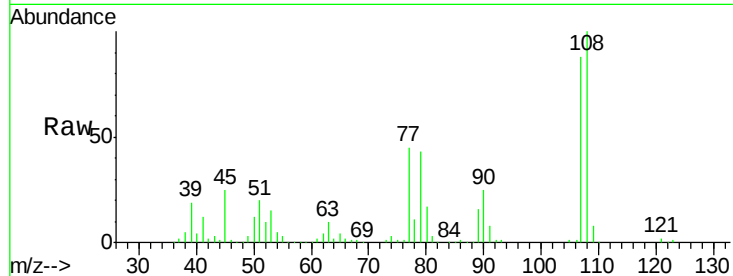




#17
2-Methylphenol
Concen: 43.04 ng
RT: 7.10 min Scan# 421
Delta R.T. -0.03 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

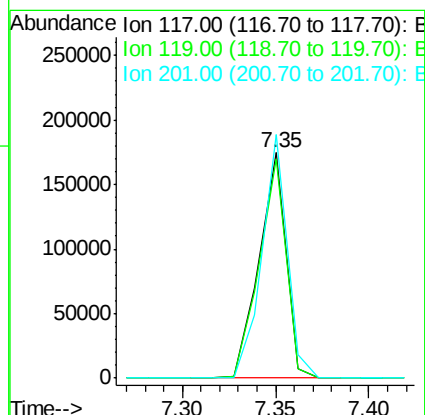
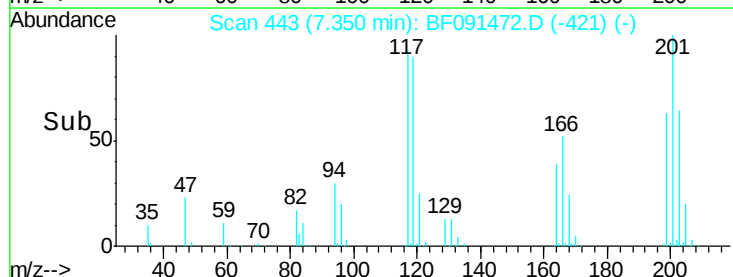
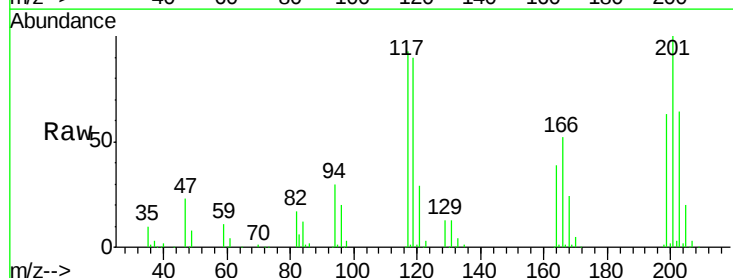
Instrument :
BNA_F
ClientSampleId :
PB95096BS

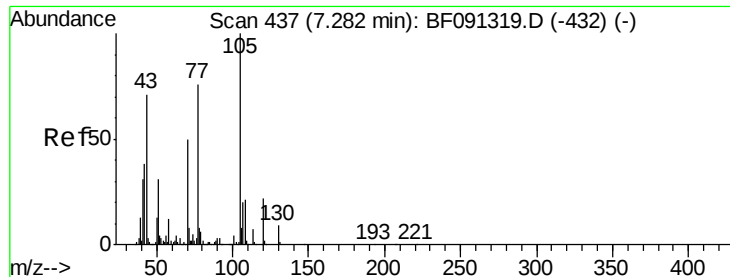
Tgt Ion:107 Resp: 343207
Ion Ratio Lower Upper
107 100
108 113.3 67.7 101.5#
77 50.7 40.7 61.1
79 49.1 23.4 35.2#



#18
Hexachloroethane
Concen: 43.80 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion:117 Resp: 173619
Ion Ratio Lower Upper
117 100
119 97.4 78.6 118.0
201 107.9 86.7 130.1

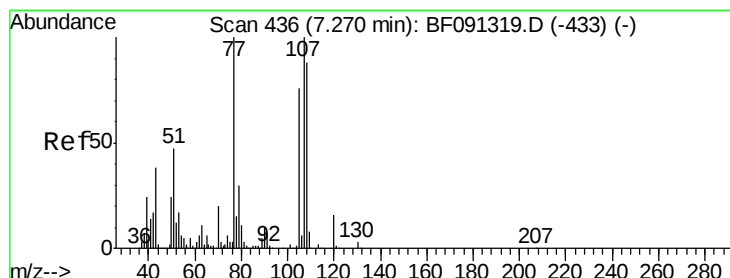
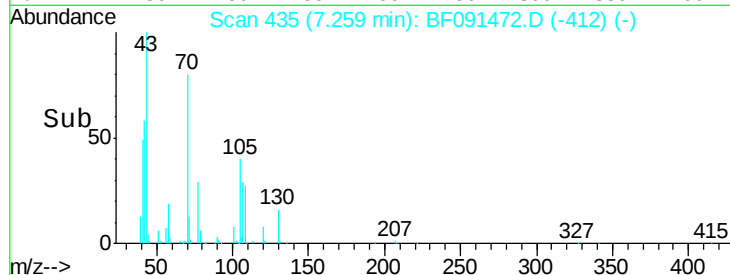
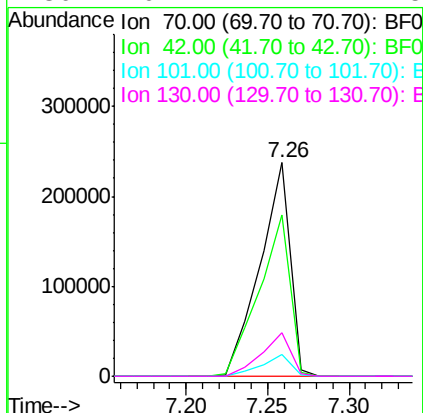
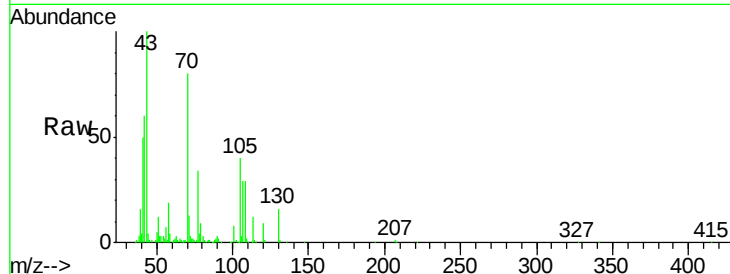




#19
n-Nitroso-di-n-propylamine
Concen: 42.97 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.04 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

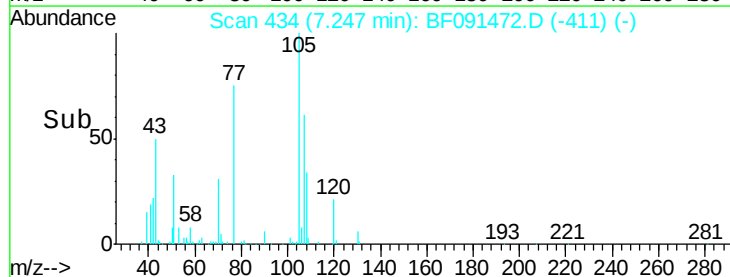
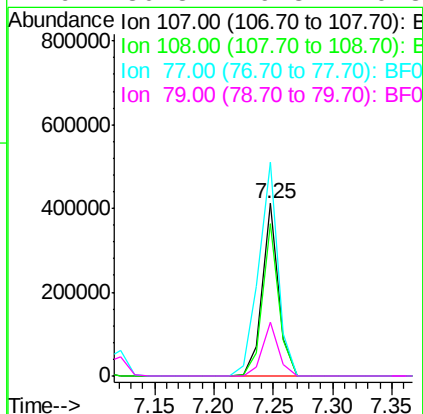
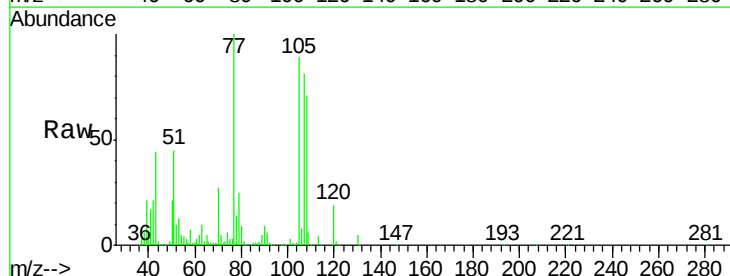
Instrument :
BNA_F
ClientSampleId :
PB95096BS

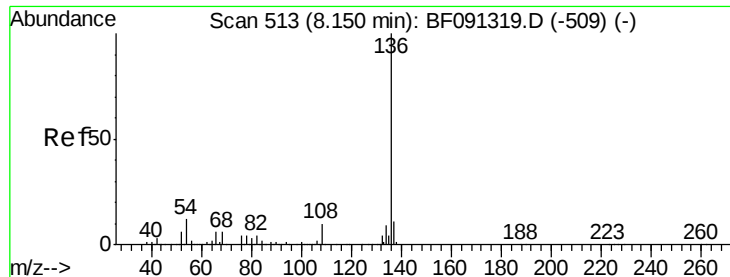
Tgt Ion: 70 Resp: 306656
Ion Ratio Lower Upper
70 100
42 75.3 64.8 97.2
101 10.0 6.2 9.4#
130 20.1 11.7 17.5#



#20
3+4-Methylphenols
Concen: 40.53 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.04 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion: 107 Resp: 394599
Ion Ratio Lower Upper
107 100
108 88.1 64.6 104.6
77 123.7 30.9 70.9#
79 30.8 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.05 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

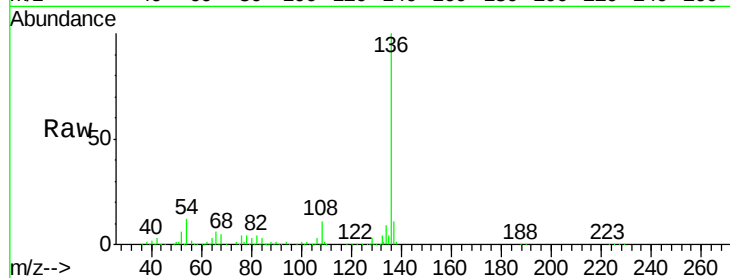
Instrument :

BNA_F

ClientSampleId :

PB95096BS

Tgt Ion:	136	Resp:	583580
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	12.3	9.1	13.7
68	5.2	5.9	8.9#

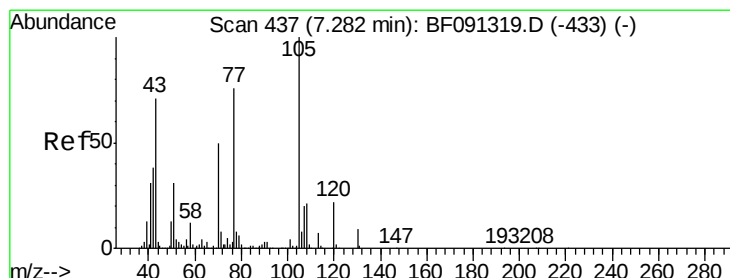
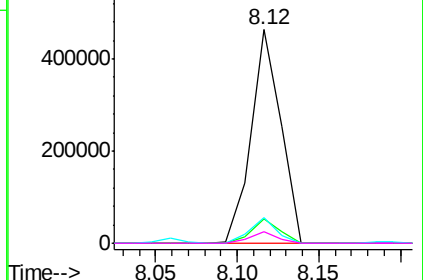
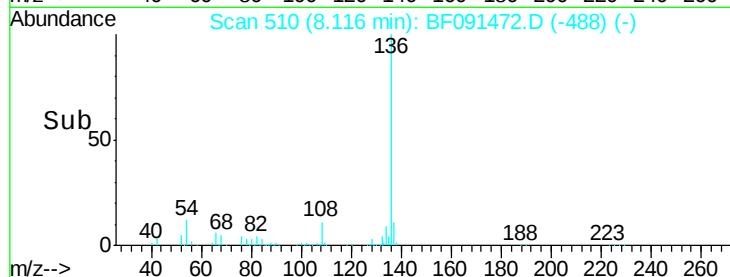


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.01 ng

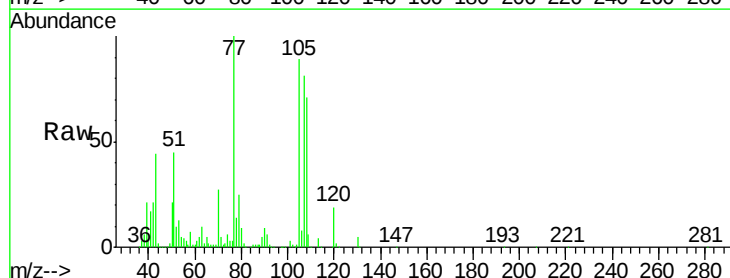
RT: 7.25 min Scan# 434

Delta R.T. -0.04 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Tgt Ion:	105	Resp:	567205
Ion Ratio	Lower	Upper	
105	100		
71	5.2	7.9	11.9#
51	50.3	24.5	36.7#
120	21.1	16.6	24.8

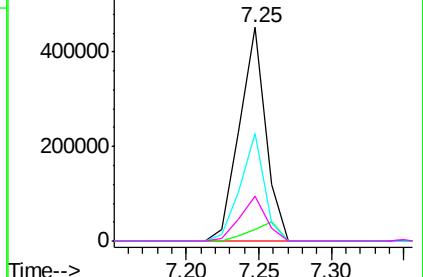
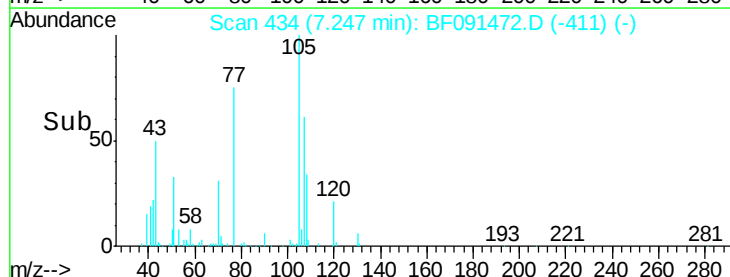


Abundance Ion 105.00 (104.70 to 105.70): E

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

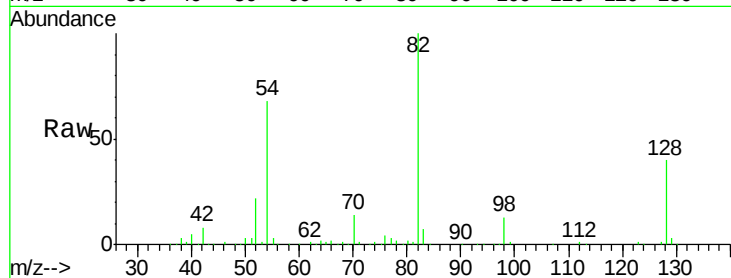




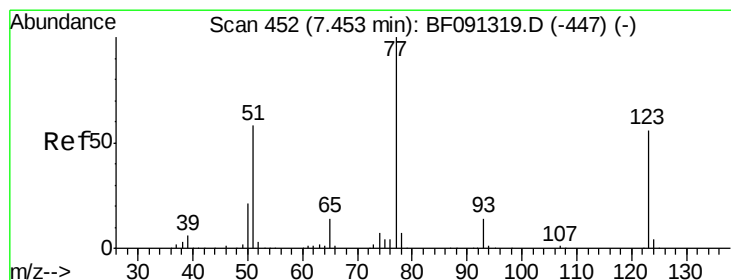
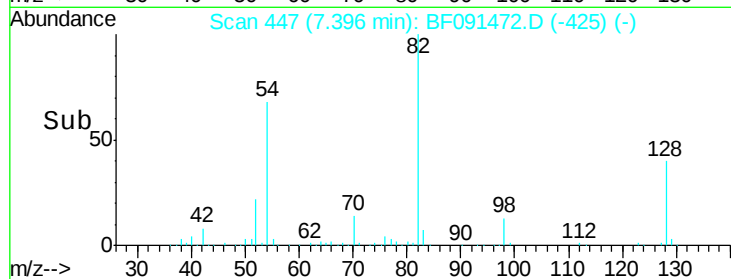
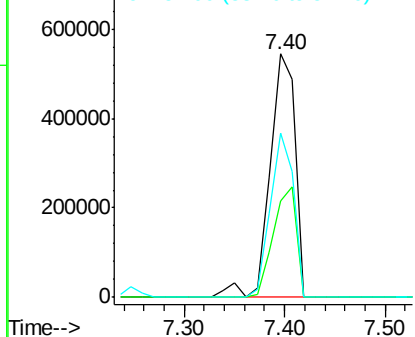
#23
 Nitrobenzene-d5
 Concen: 90.41 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.05 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BS

Tgt Ion: 82 Resp: 941529
 Ion Ratio Lower Upper
 82 100
 128 39.7 31.8 47.6
 54 67.6 49.1 73.7

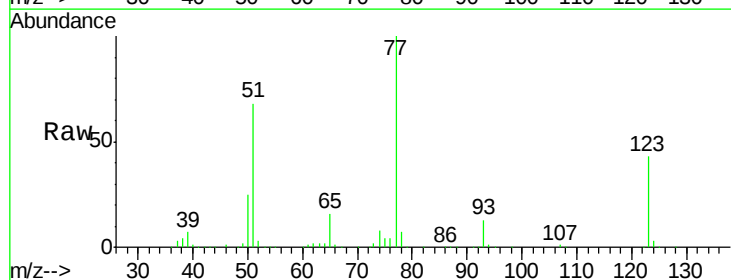


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

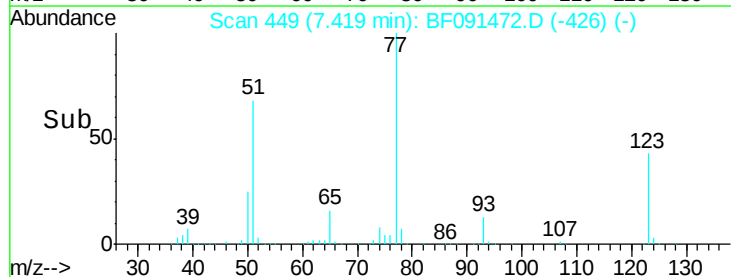
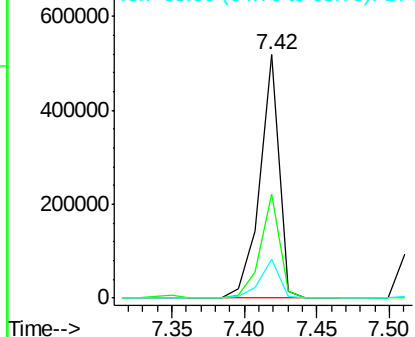


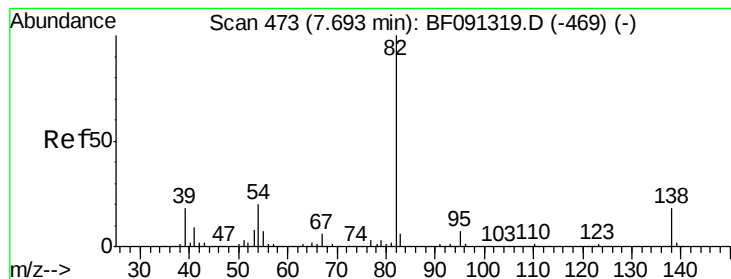
#24
 Nitrobenzene
 Concen: 44.79 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.04 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Tgt Ion: 77 Resp: 477561
 Ion Ratio Lower Upper
 77 100
 123 42.7 28.5 42.7
 65 16.0 12.5 18.7



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





#25

Isophorone

Concen: 46.95 ng

RT: 7.66 min Scan# 470

Delta R.T. -0.05 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleId :

PB95096BS

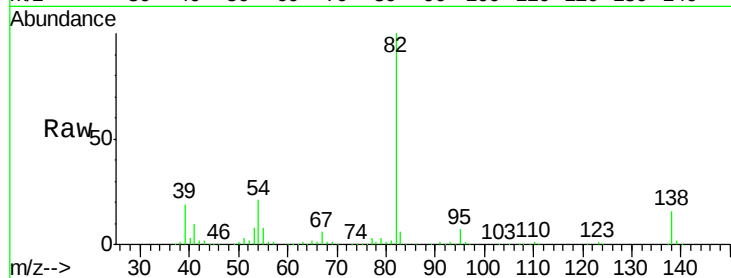
Tgt Ion: 82 Resp: 866196

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

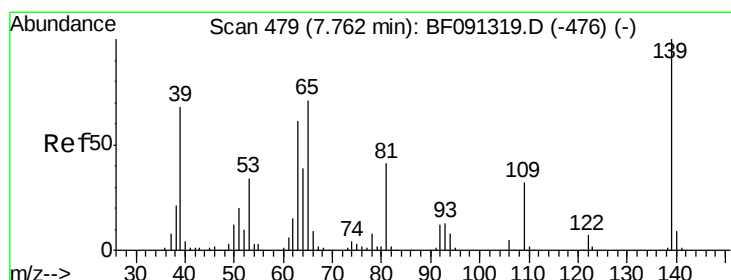
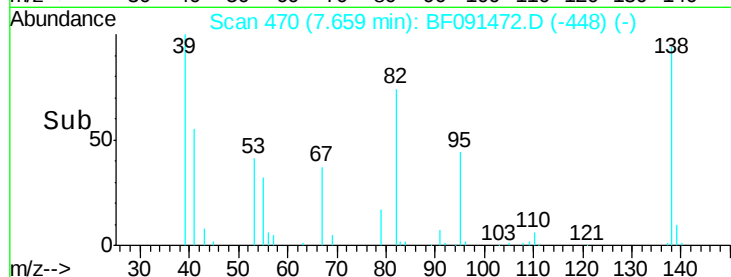
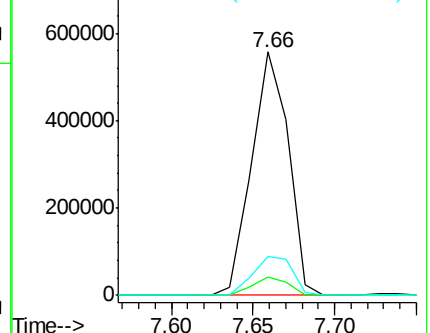
138 16.0 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 48.49 ng

RT: 7.74 min Scan# 477

Delta R.T. -0.04 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

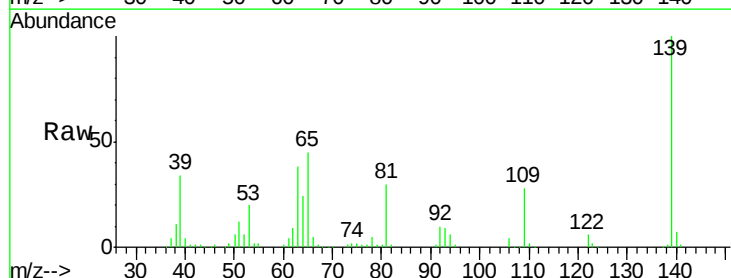
Tgt Ion: 139 Resp: 235596

Ion Ratio Lower Upper

139 100

109 28.4 25.3 37.9

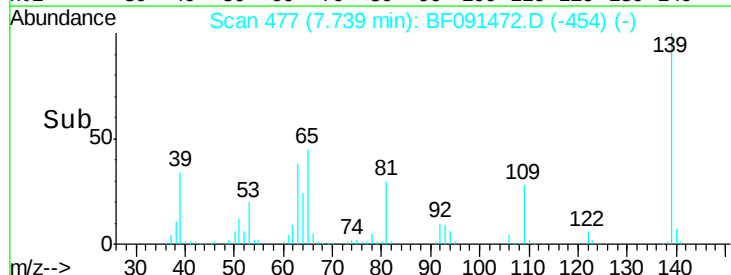
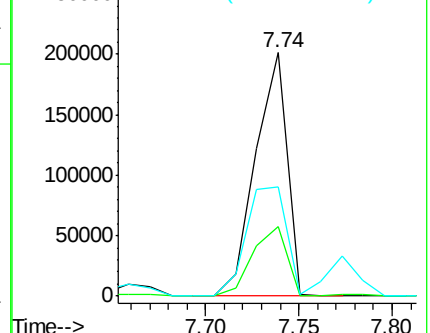
65 44.8 55.4 83.2#

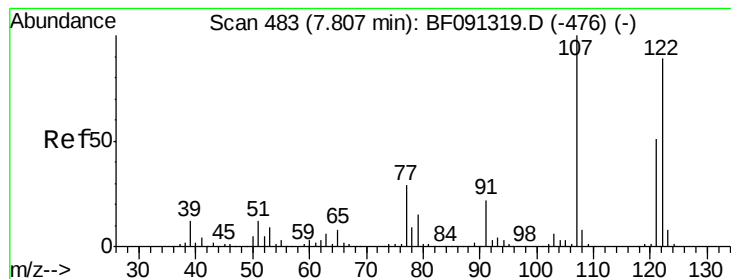


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.19 ng

RT: 7.77 min Scan# 480

Delta R.T. -0.04 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleId :

PB95096BS

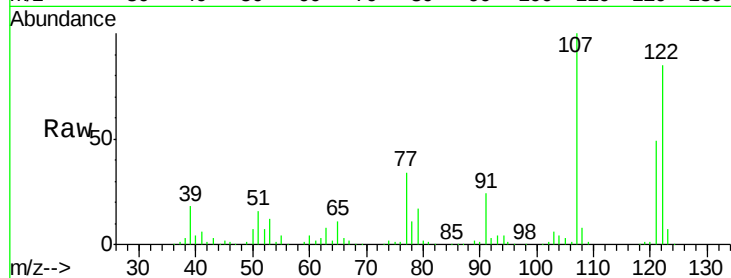
Tgt Ion:122 Resp: 392580

Ion Ratio Lower Upper

122 100

107 118.1 96.8 145.2

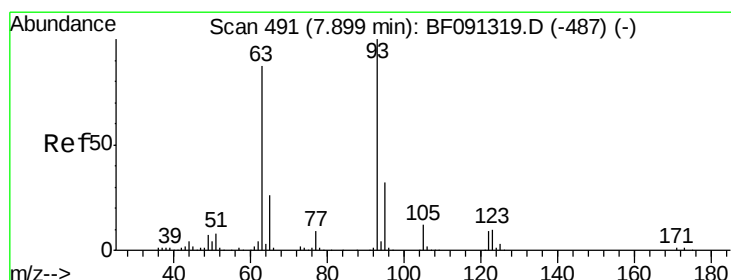
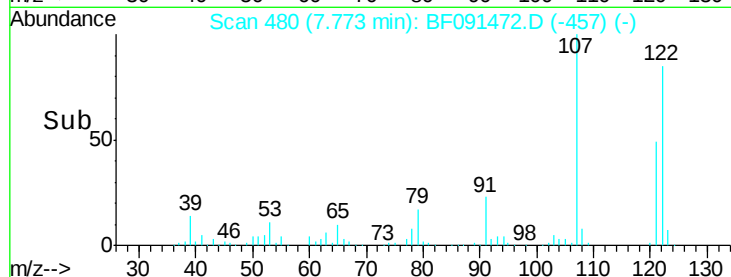
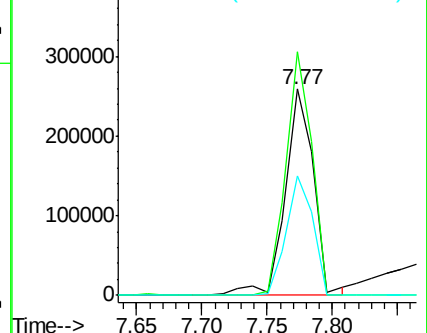
121 57.8 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.50 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.04 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

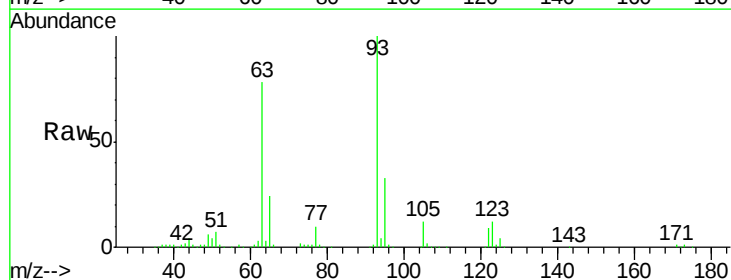
Tgt Ion: 93 Resp: 516358

Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

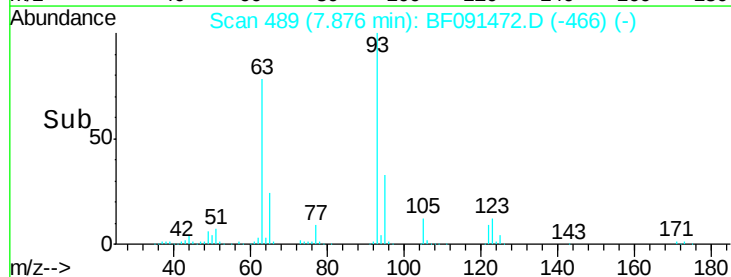
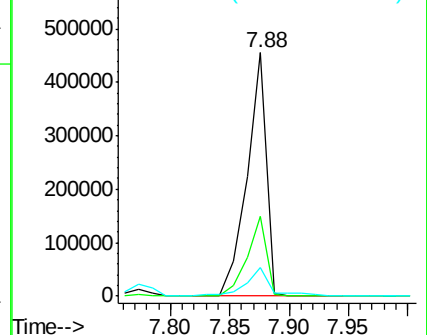
123 11.6 8.6 12.8

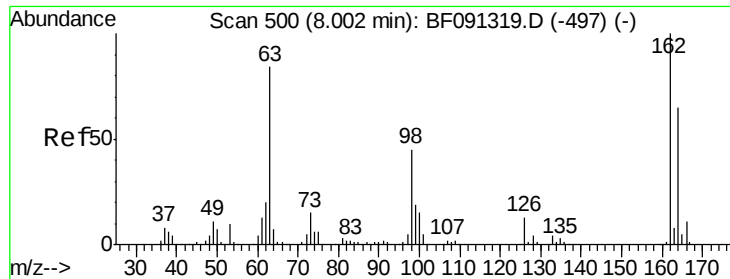


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

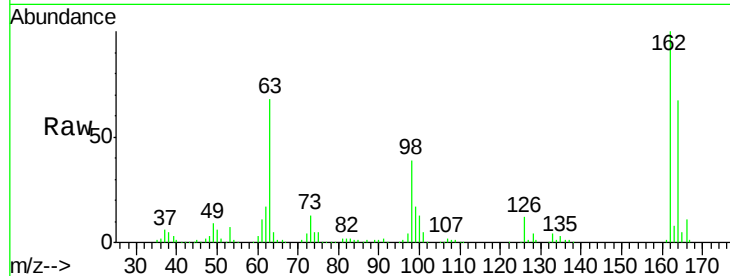




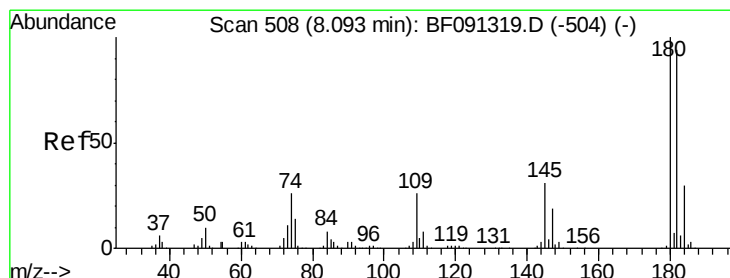
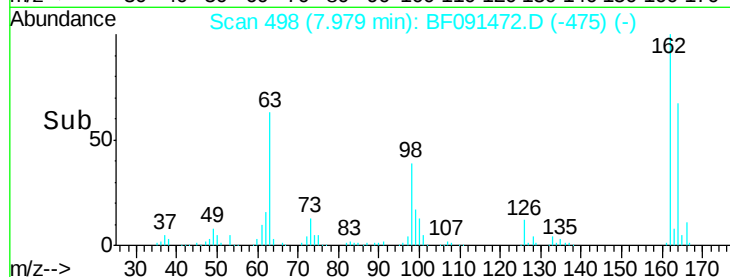
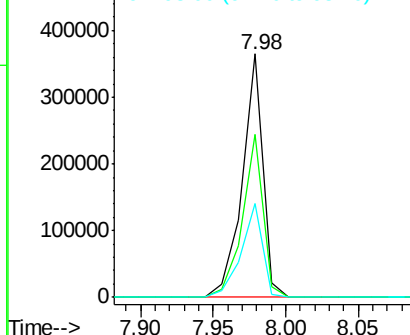
#29
 2,4-Dichlorophenol
 Concen: 44.97 ng
 RT: 7.98 min Scan# 498
 Delta R.T. -0.04 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.9	45.0	85.0
98	38.5	21.3	61.3

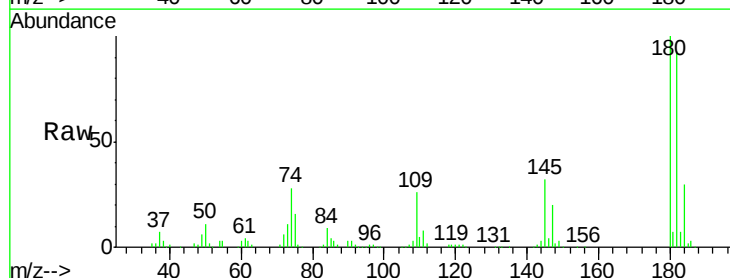


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

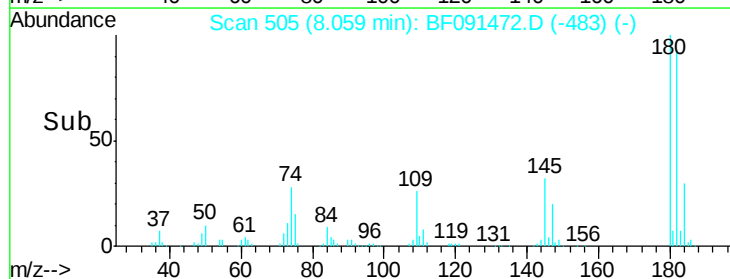
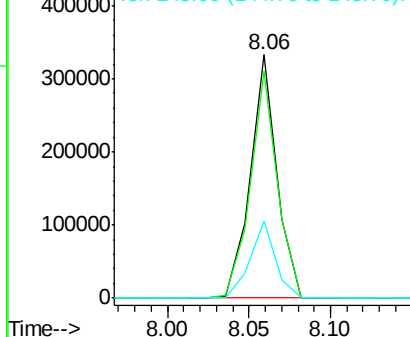


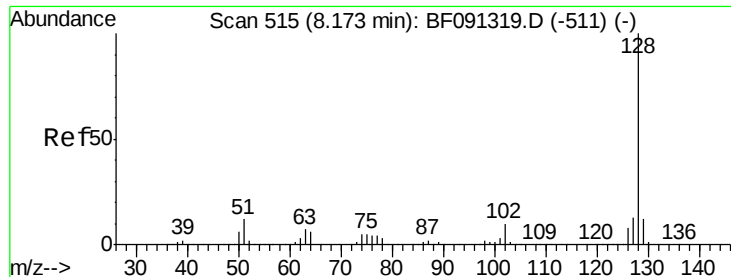
#30
 1,2,4-Trichlorobenzene
 Concen: 41.70 ng
 RT: 8.06 min Scan# 505
 Delta R.T. -0.05 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.8	113.8
145	31.7	27.0	40.4



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

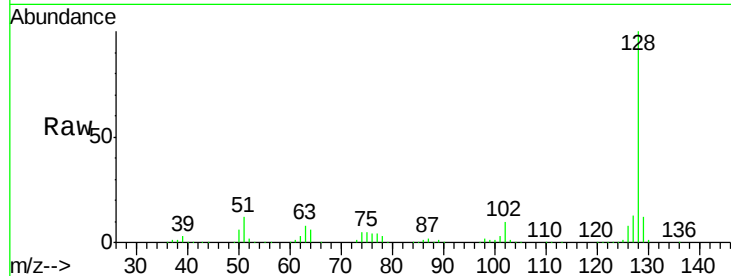




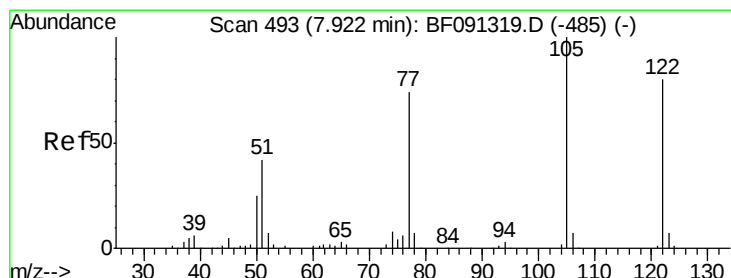
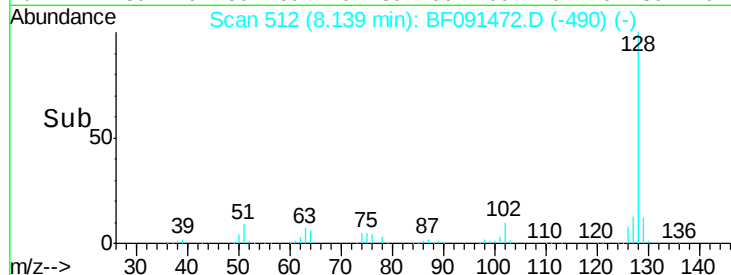
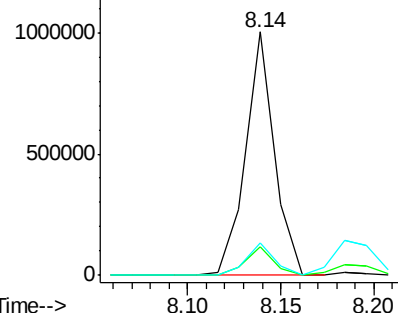
#31
Naphthalene
Concen: 39.14 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.05 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampleId :
PB95096BS

Tgt Ion:128 Resp: 1085555
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.2 11.0 16.4

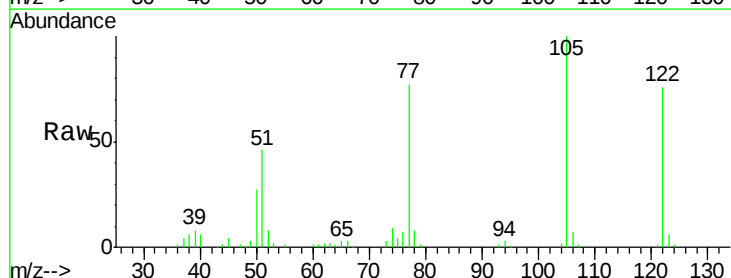


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

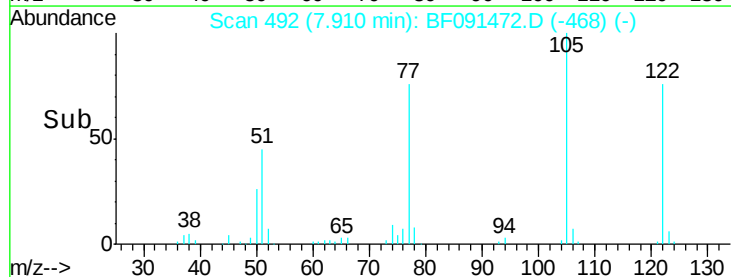
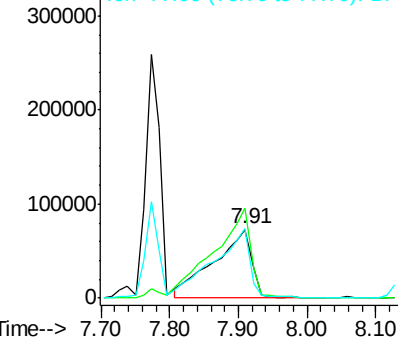


#32
Benzoic acid
Concen: 41.41 ng
RT: 7.91 min Scan# 492
Delta R.T. -0.03 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion:122 Resp: 277434
Ion Ratio Lower Upper
122 100
105 131.1 113.0 153.0
77 101.4 82.0 122.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

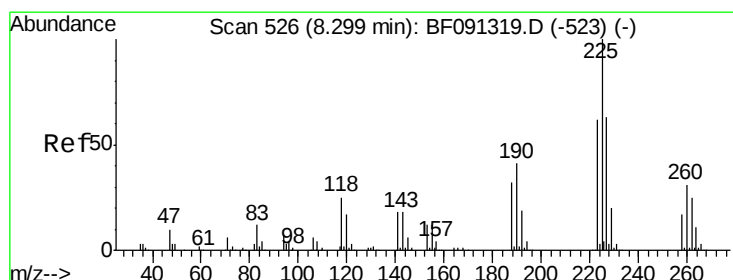
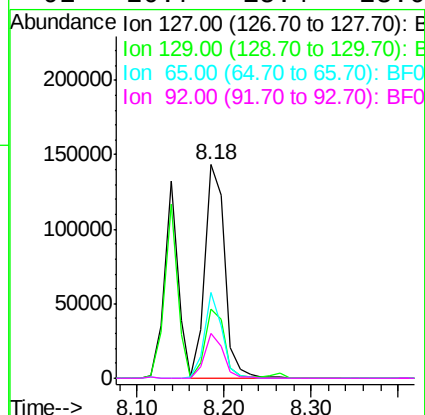
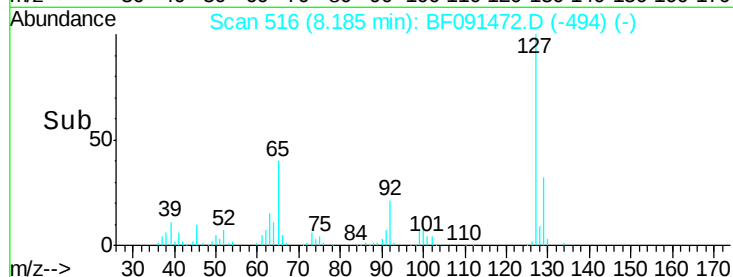
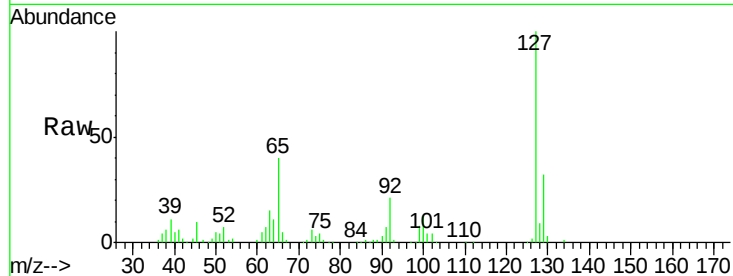




#33
4-Chloroaniline
Concen: 19.19 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

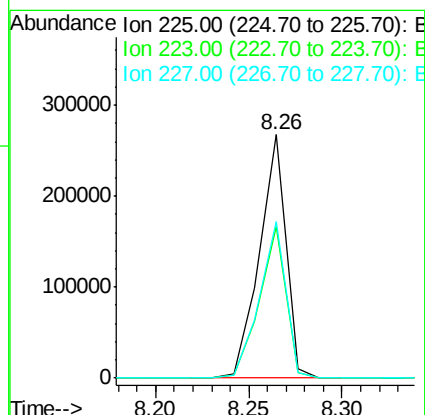
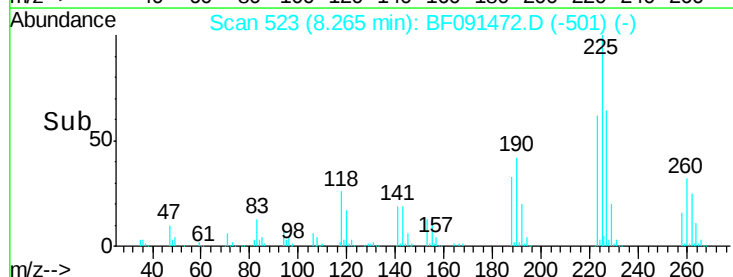
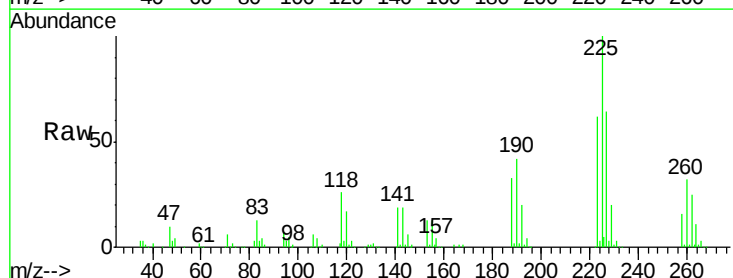
Instrument :
BNA_F
ClientSampleId :
PB95096BS

Tgt Ion:	127	Resp:	227513
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	39.9	26.6	39.8#
92	20.7	15.4	23.0



#34
Hexachlorobutadiene
Concen: 47.65 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion:	225	Resp:	262656
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.8	74.6
227	64.1	52.6	79.0

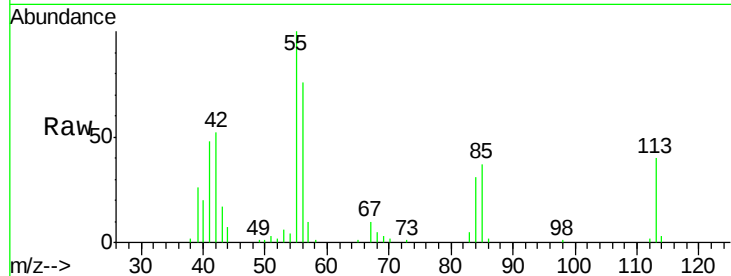




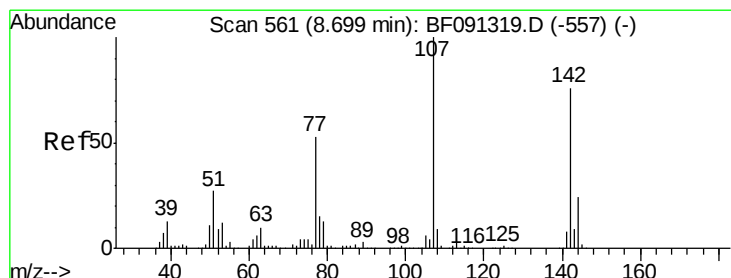
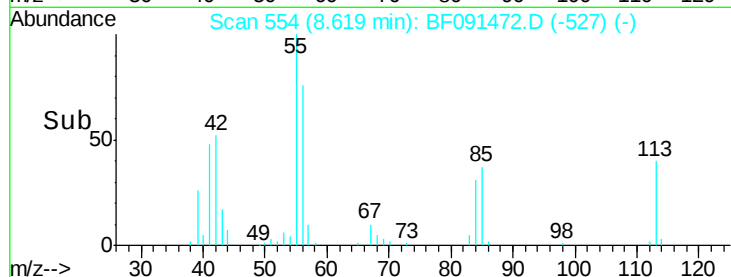
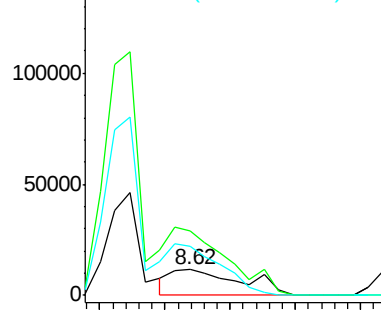
#35
Caprolactam
Concen: 19.05 ng
RT: 8.62 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampled :
PB95096BS

Tgt Ion:113 Resp: 43790
Ion Ratio Lower Upper
113 100
55 247.0 239.8 279.8
56 188.2 165.6 205.6

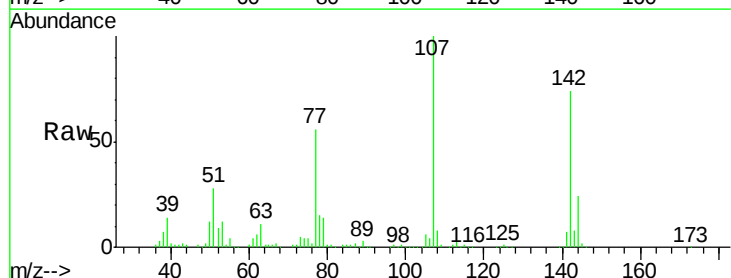


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

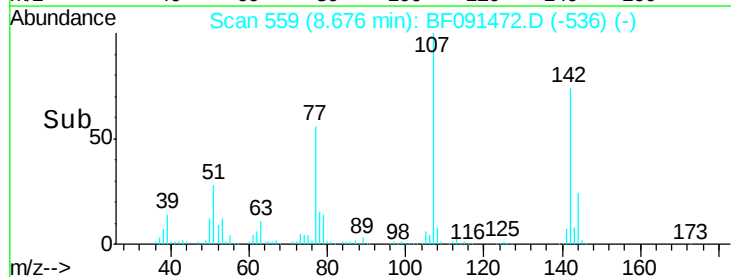
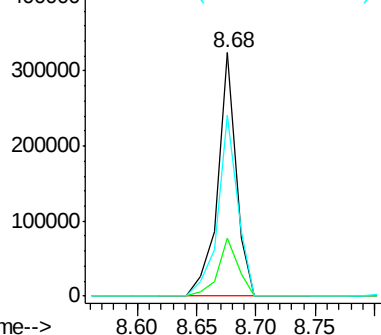


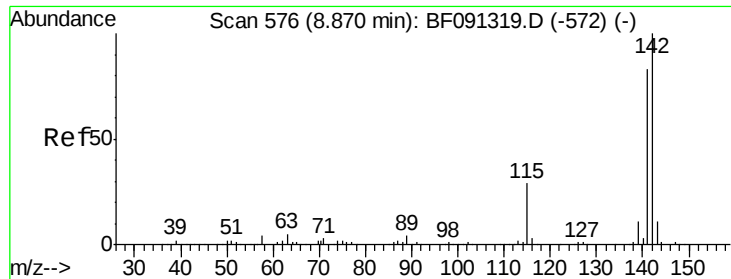
#36
4-Chloro-3-methylphenol
Concen: 41.15 ng
RT: 8.68 min Scan# 559
Delta R.T. -0.04 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion:107 Resp: 355219
Ion Ratio Lower Upper
107 100
144 23.8 18.9 28.3
142 74.1 58.5 87.7



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

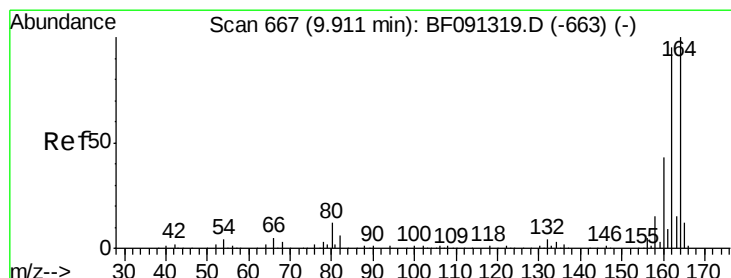
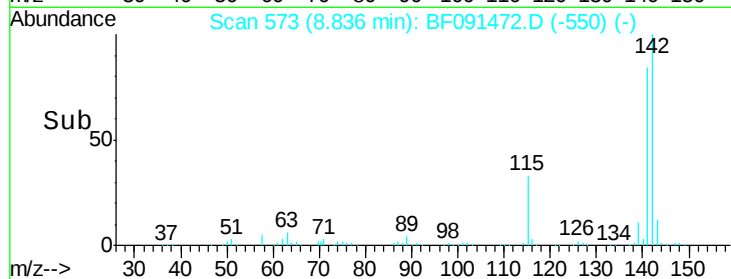
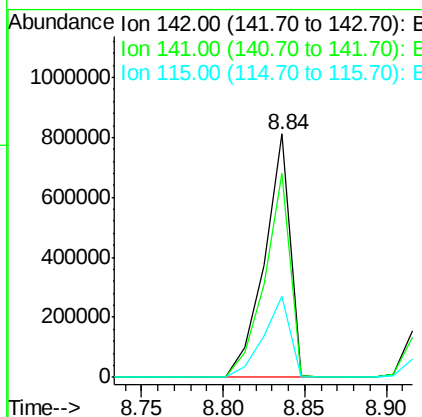
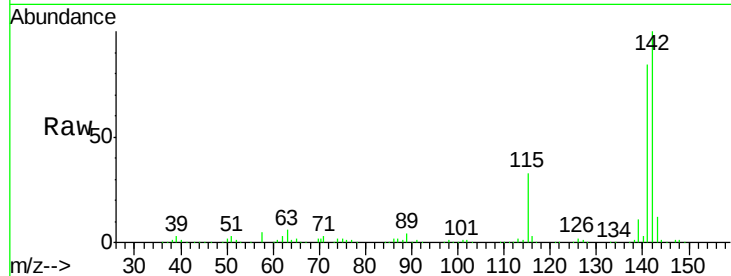




#37
2-Methylnaphthalene
Concen: 47.06 ng
RT: 8.84 min Scan# 573
Delta R.T. -0.04 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

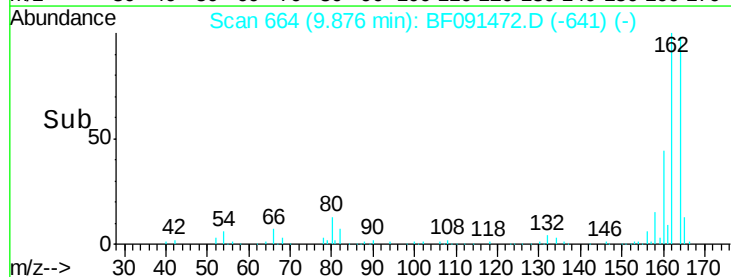
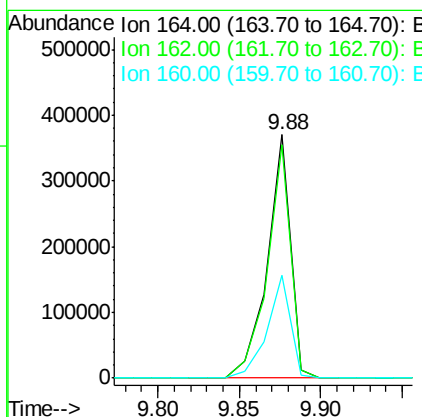
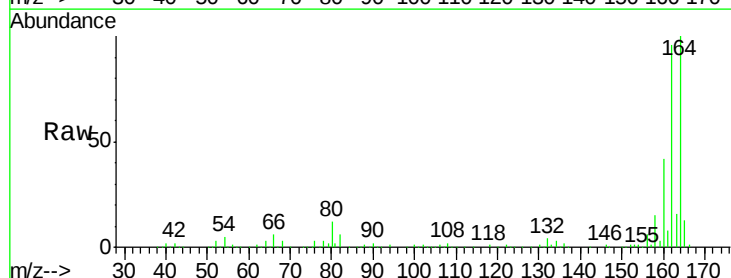
Instrument :
BNA_F
ClientSampled :
PB95096BS

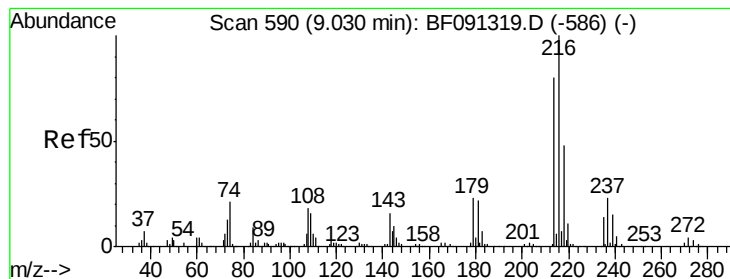
Tgt Ion:142 Resp: 886675
Ion Ratio Lower Upper
142 100
141 83.8 71.7 107.5
115 33.3 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.04 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion:164 Resp: 368499
Ion Ratio Lower Upper
164 100
162 95.9 82.6 124.0
160 42.3 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.13 ng

RT: 9.00 min Scan# 587

Delta R.T. -0.05 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleId :

PB95096BS

Tgt Ion:216 Resp: 385723

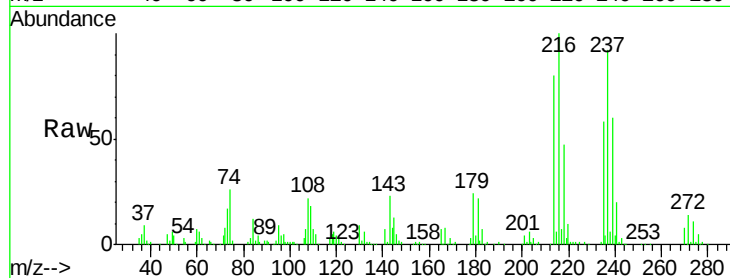
Ion Ratio Lower Upper

216 100

214 78.1 63.8 95.8

179 21.0 18.2 27.2

108 19.3 17.2 25.8

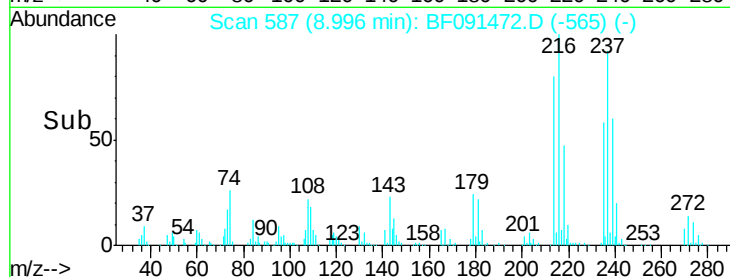


Abundance Ion 216.00 (215.70 to 216.70): E

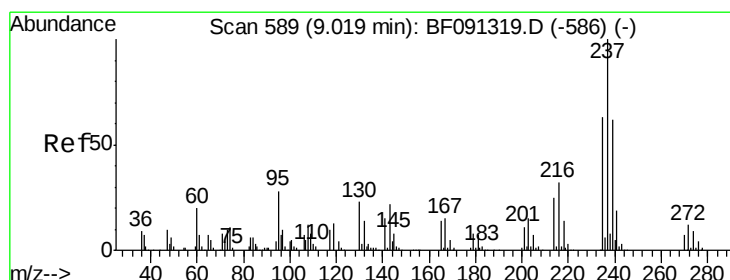
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 87.15 ng

RT: 9.00 min Scan# 587

Delta R.T. -0.04 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

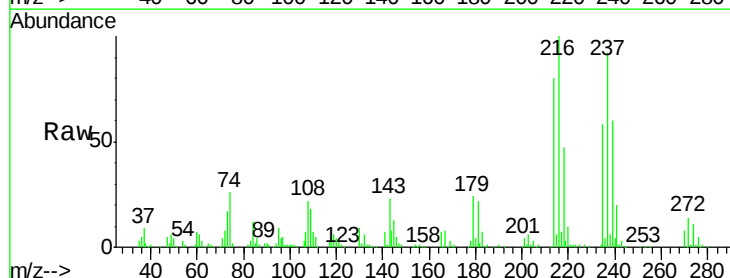
Tgt Ion:237 Resp: 419668

Ion Ratio Lower Upper

237 100

235 63.4 43.9 83.9

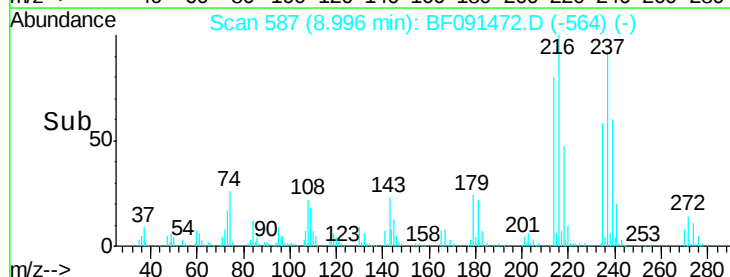
272 15.4 0.0 33.1



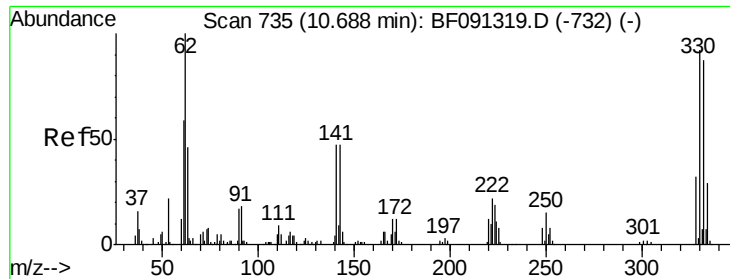
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



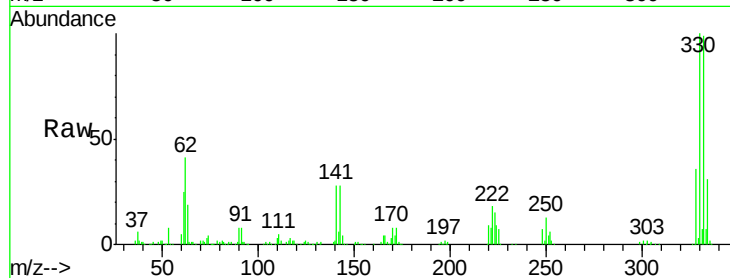
Time-->



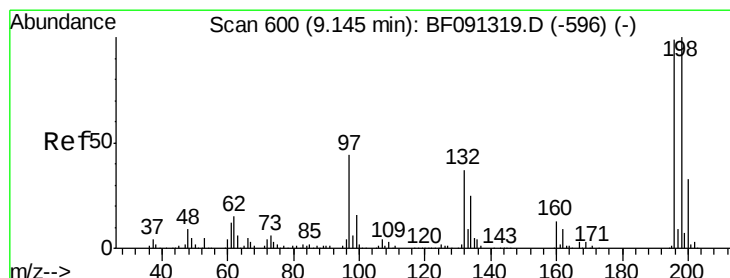
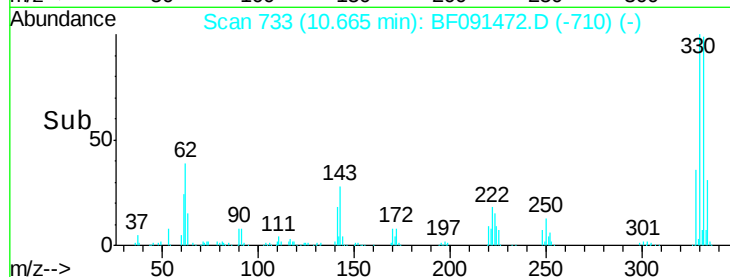
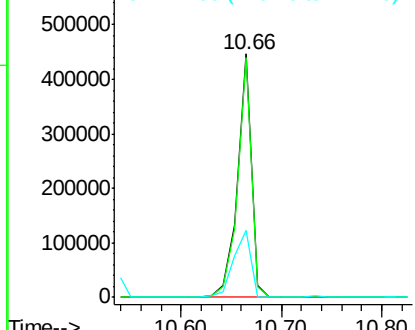
#41
 2,4,6-Tribromophenol
 Concen: 123.27 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.04 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BS

Tgt Ion:330 Resp: 430037
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.2 114.4
 141 34.2 33.6 50.4

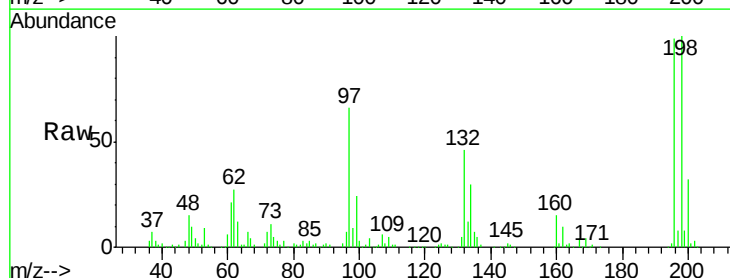


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

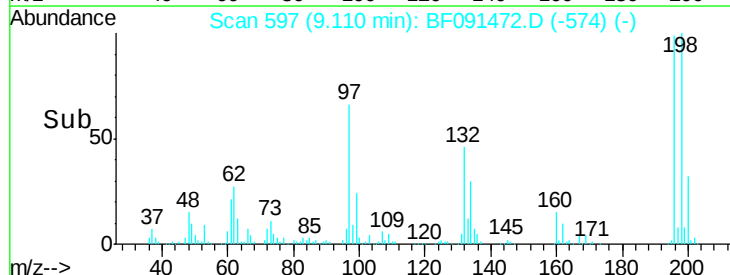
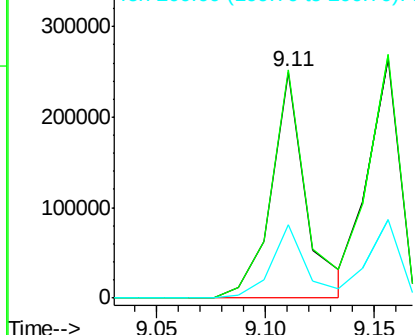


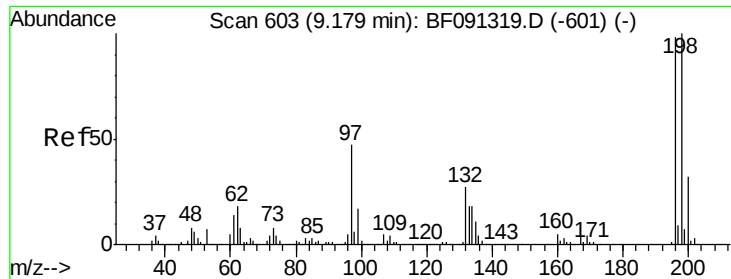
#42
 2,4,6-Trichlorophenol
 Concen: 41.52 ng
 RT: 9.11 min Scan# 597
 Delta R.T. -0.04 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Tgt Ion:196 Resp: 280337
 Ion Ratio Lower Upper
 196 100
 198 101.2 77.4 116.0
 200 32.2 25.2 37.8



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

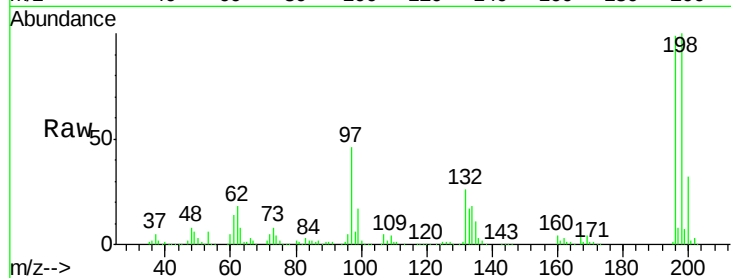




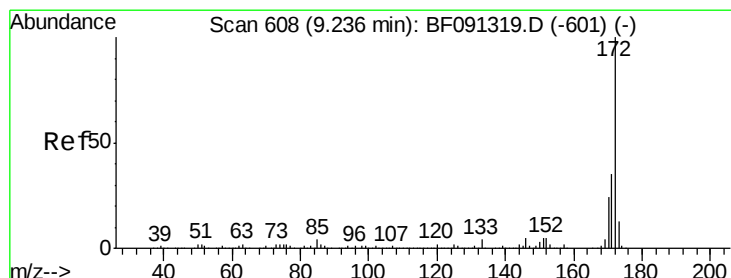
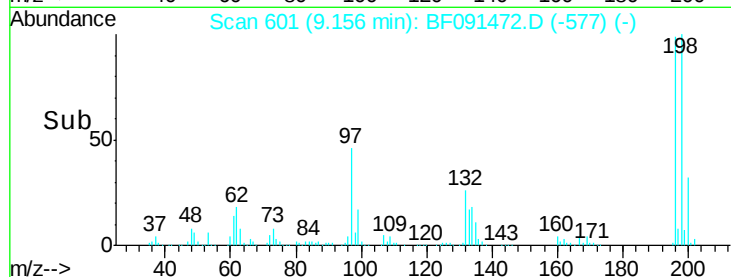
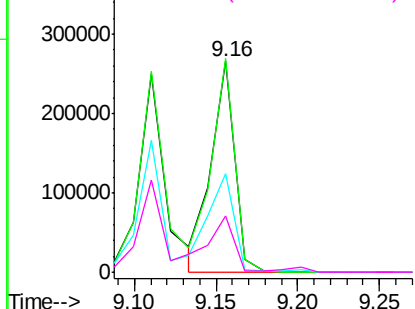
#43
 2,4,5-Trichlorophenol
 Concen: 39.52 ng
 RT: 9.16 min Scan# 601
 Delta R.T. -0.03 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BS

Tgt Ion:196 Resp: 267423
 Ion Ratio Lower Upper
 196 100
 198 101.4 77.0 115.6
 97 46.5 33.5 50.3
 132 26.8 20.5 30.7

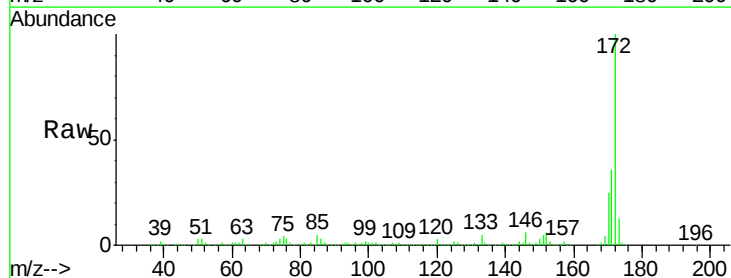


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

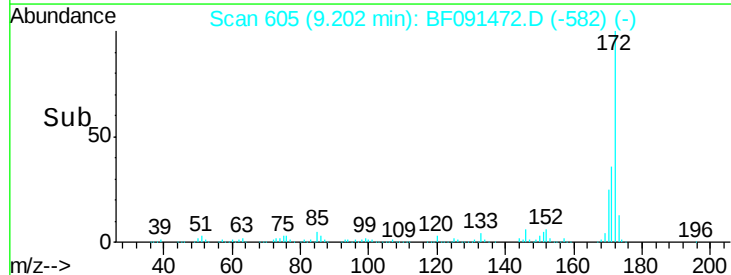
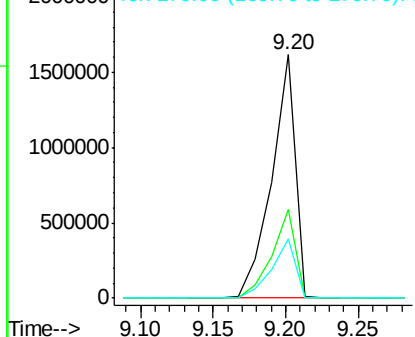


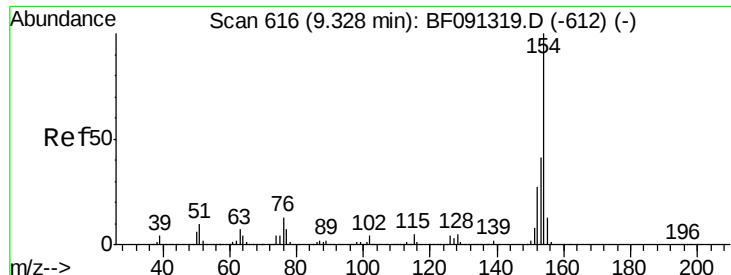
#44
 2-Fluorobiphenyl
 Concen: 90.10 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.04 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Tgt Ion:172 Resp: 1833720
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.6 19.7 29.5



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

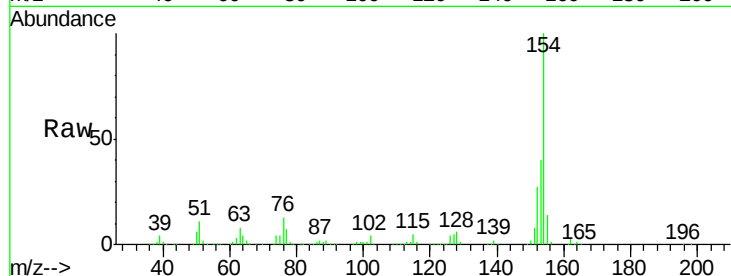




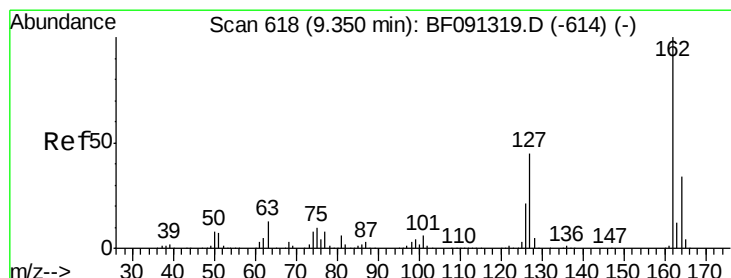
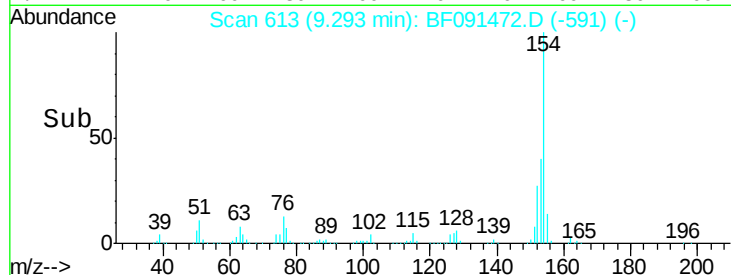
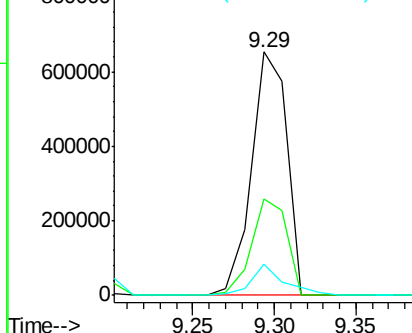
#45
 1,1'-Biphenyl
 Concen: 36.84 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BS

Tgt Ion:154 Resp: 976252
 Ion Ratio Lower Upper
 154 100
 153 39.7 20.6 60.6
 76 12.6 0.0 36.6

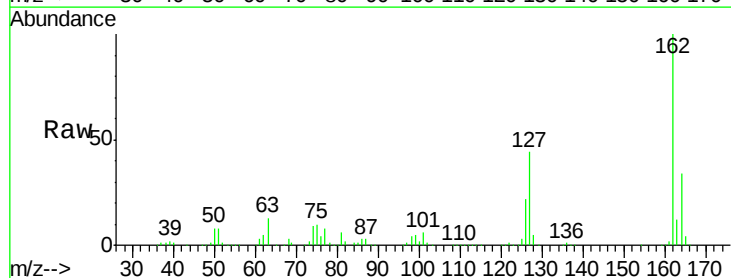


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

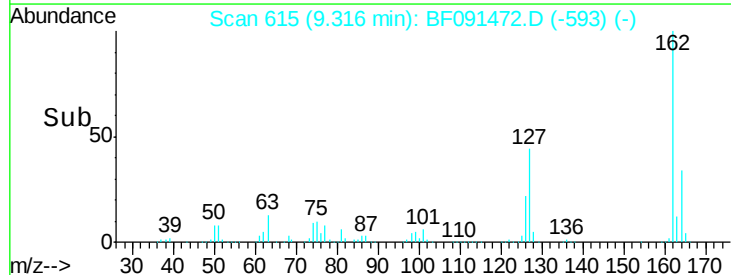
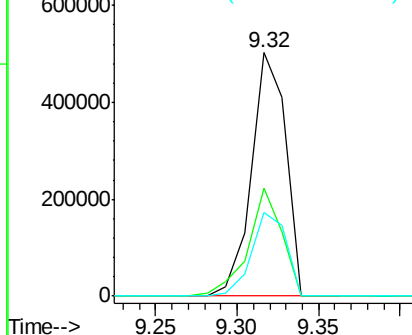


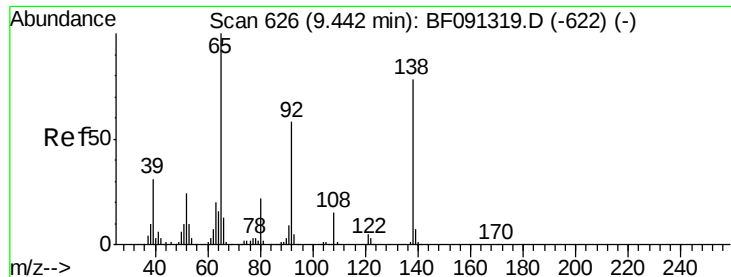
#46
 2-Chloronaphthalene
 Concen: 36.93 ng
 RT: 9.32 min Scan# 615
 Delta R.T. -0.05 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Tgt Ion:162 Resp: 728794
 Ion Ratio Lower Upper
 162 100
 127 44.4 34.3 51.5
 164 34.2 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

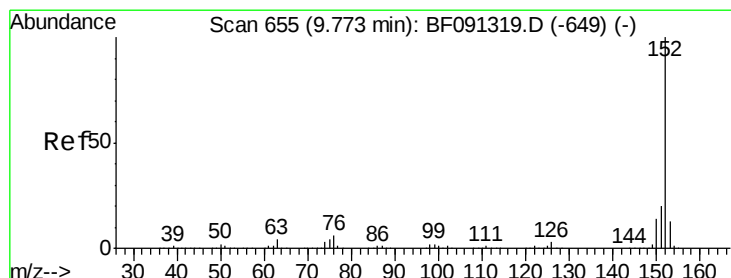
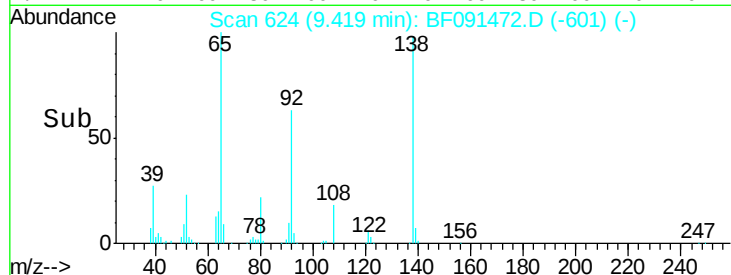
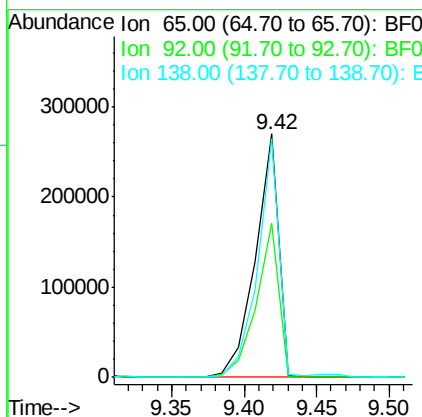
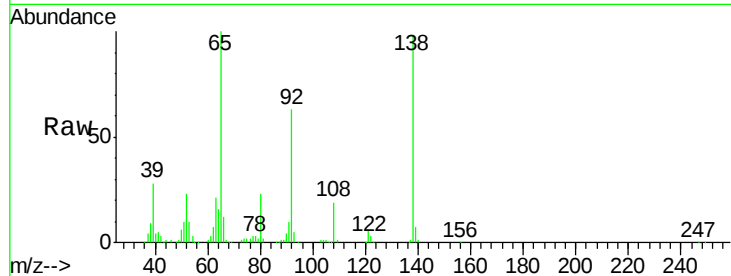




#47
2-Nitroaniline
Concen: 42.34 ng
RT: 9.42 min Scan# 624
Delta R.T. -0.04 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

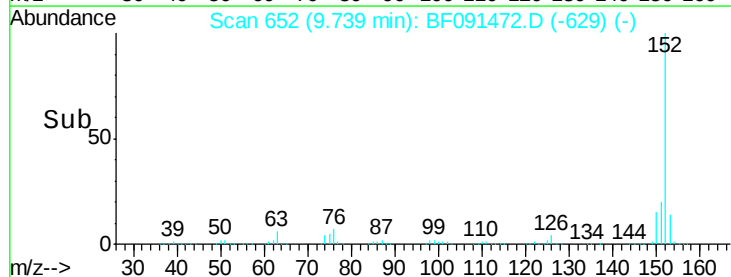
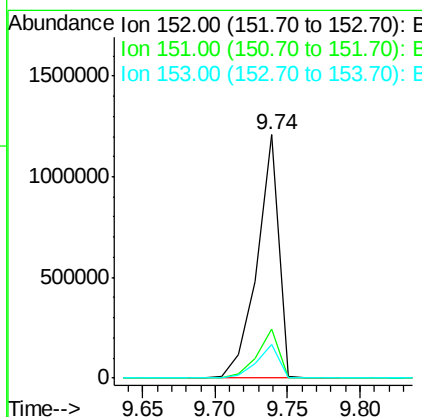
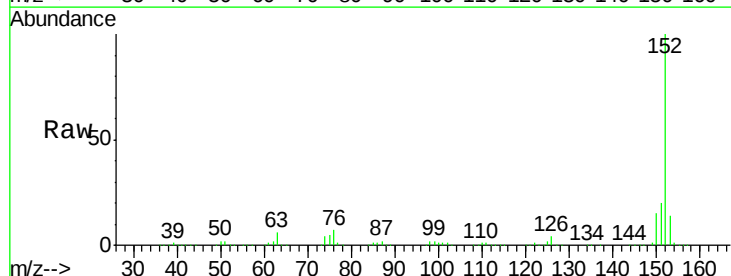
Instrument :
BNA_F
ClientSampleId :
PB95096BS

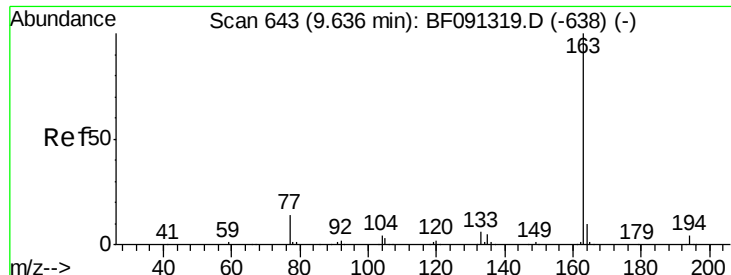
Tgt Ion: 65 Resp: 300072
Ion Ratio Lower Upper
65 100
92 63.0 53.6 80.4
138 97.8 91.0 136.6



#48
Acenaphthylene
Concen: 40.36 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.04 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion: 152 Resp: 1253632
Ion Ratio Lower Upper
152 100
151 20.3 16.6 24.8
153 13.9 10.7 16.1

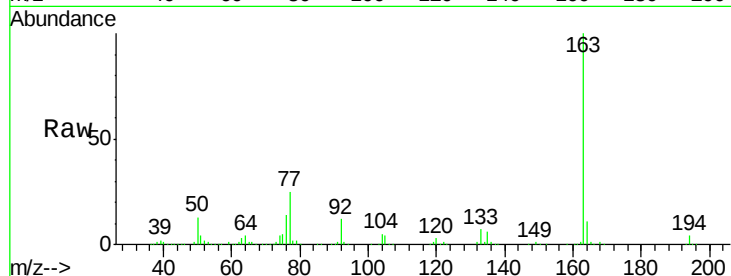




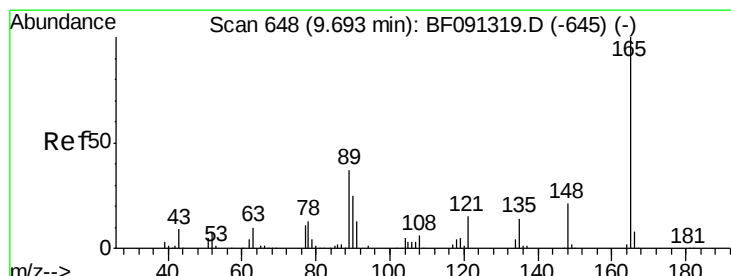
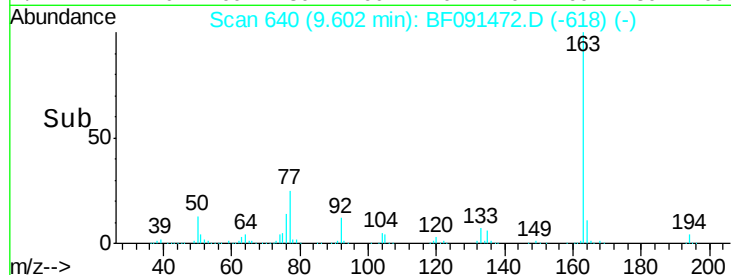
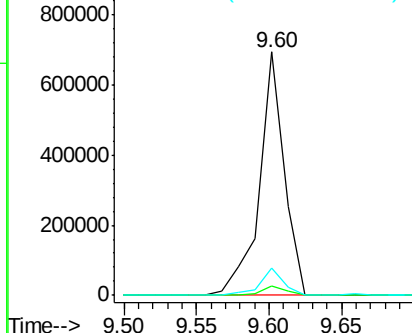
#49
Dimethylphthalate
Concen: 36.92 ng
RT: 9.60 min Scan# 640
Delta R.T. -0.05 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampleId :
PB95096BS

Tgt Ion:163 Resp: 823778
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 11.1 7.8 11.8

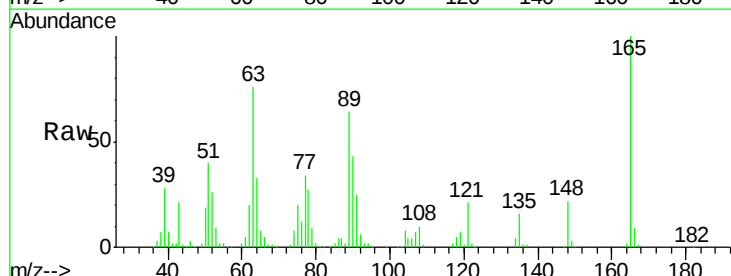


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

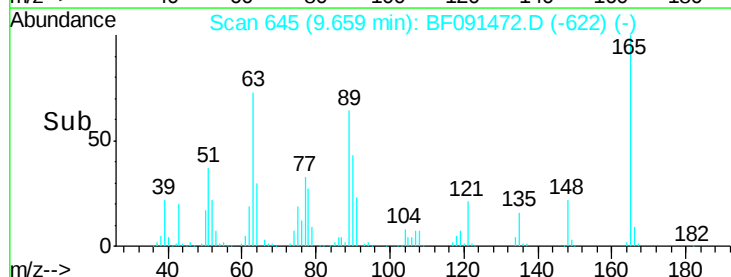
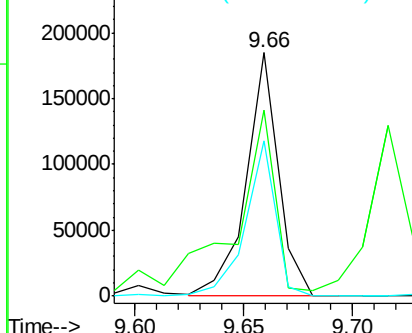


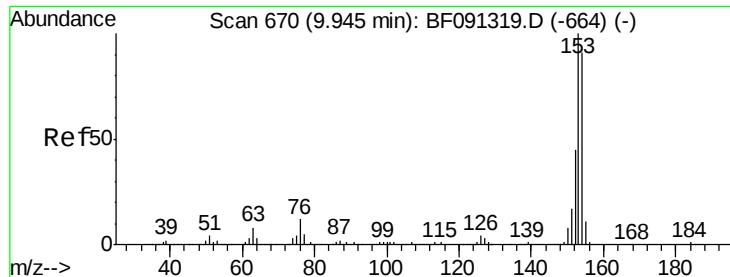
#50
2,6-Dinitrotoluene
Concen: 38.34 ng
RT: 9.66 min Scan# 645
Delta R.T. -0.04 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion:165 Resp: 191190
Ion Ratio Lower Upper
165 100
63 76.4 59.4 89.0
89 63.9 50.8 76.2



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





#51

Acenaphthene

Concen: 45.14 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.04 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleId :

PB95096BS

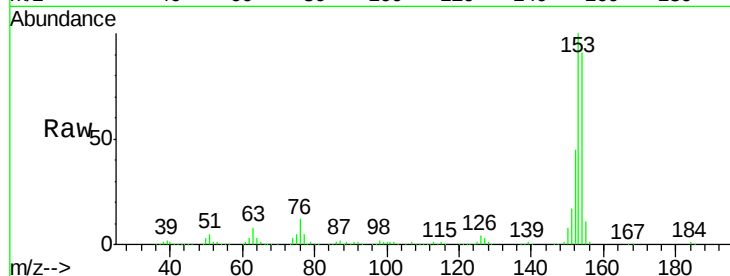
Tgt Ion:154 Resp: 945922

Ion Ratio Lower Upper

154 100

153 109.8 91.0 136.6

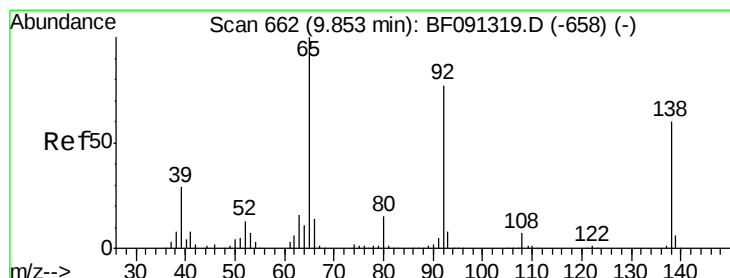
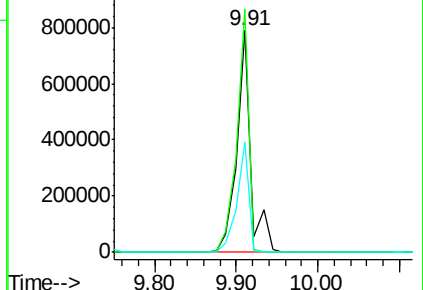
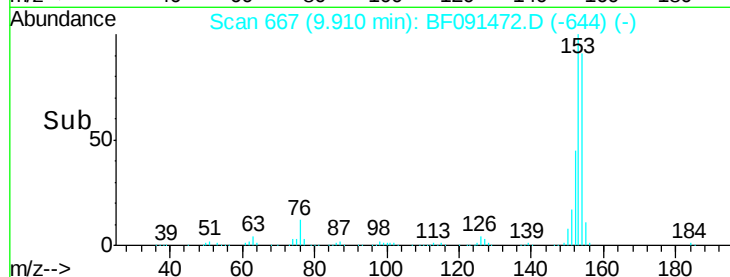
152 49.9 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.12 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.04 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

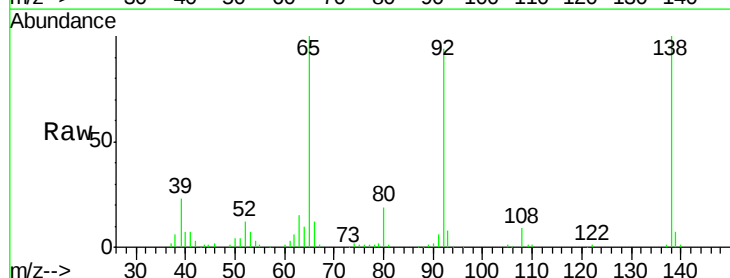
Tgt Ion:138 Resp: 121910

Ion Ratio Lower Upper

138 100

108 9.2 8.1 12.1

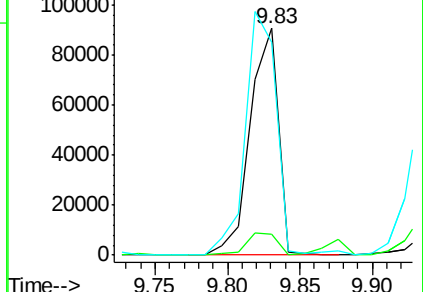
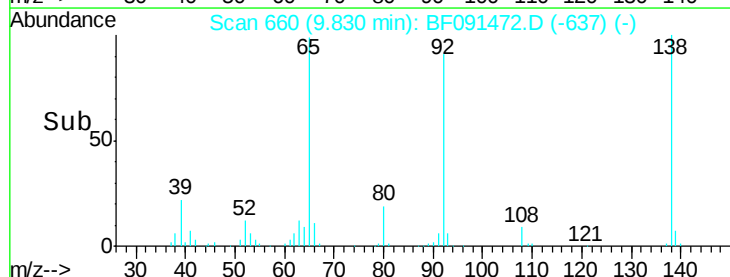
92 93.8 92.5 138.7

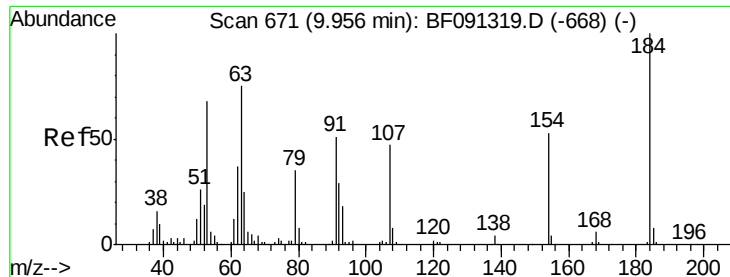


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

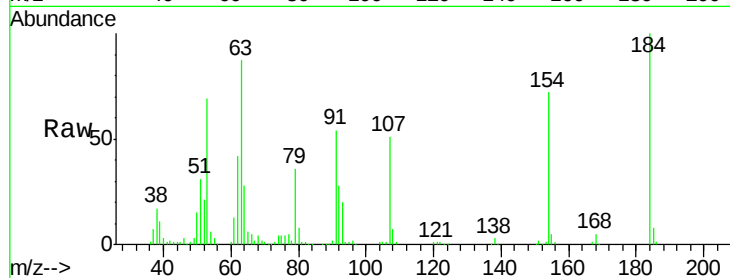




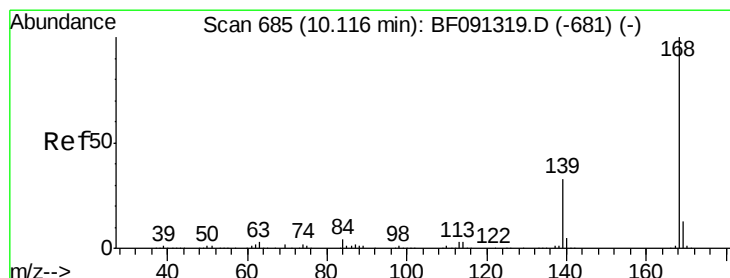
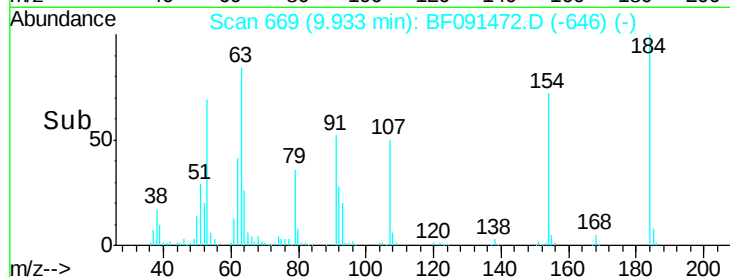
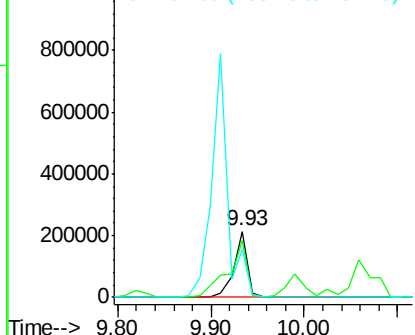
#53
2,4-Dinitrophenol
Concen: 99.12 ng
RT: 9.93 min Scan# 669
Delta R.T. -0.04 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Instrument :
BNA_F
ClientSampleId :
PB95096BS

Tgt Ion:184 Resp: 216173
Ion Ratio Lower Upper
184 100
63 87.1 58.3 87.5
154 72.0 48.6 73.0

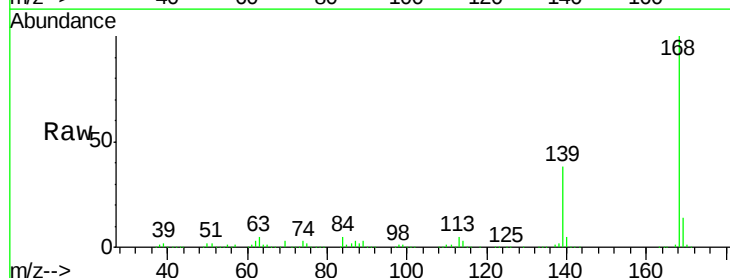


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

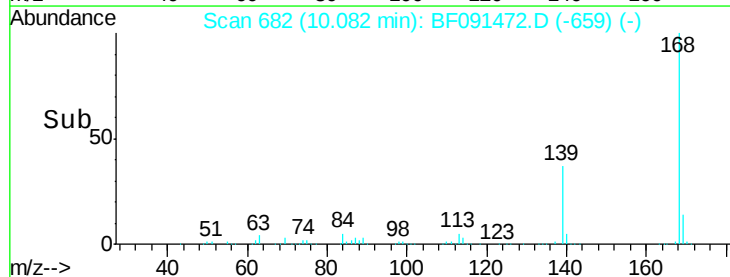
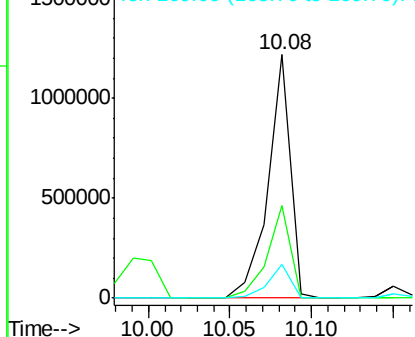


#54
Dibenzofuran
Concen: 41.27 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.04 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion:168 Resp: 1157817
Ion Ratio Lower Upper
168 100
139 37.8 33.4 50.2
169 13.6 11.1 16.7



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





#55

4-Nitrophenol

Concen: 78.29 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleId :

PB95096BS

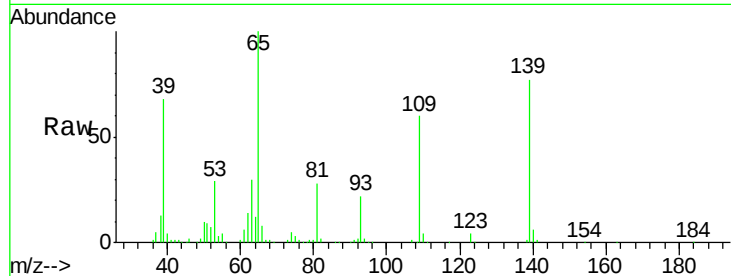
Tgt Ion:139 Resp: 326390

Ion Ratio Lower Upper

139 100

109 79.0 54.9 94.9

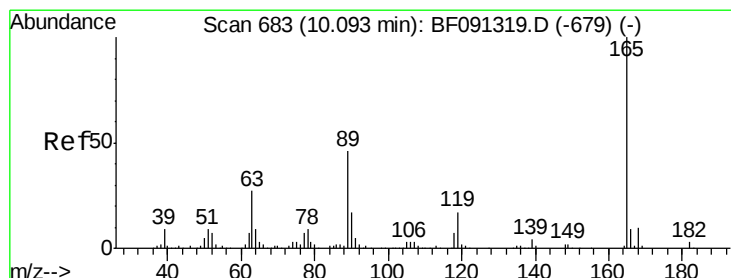
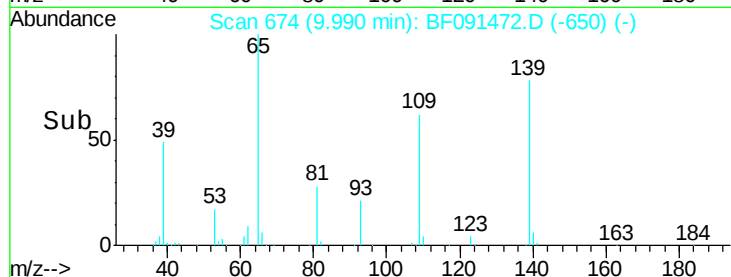
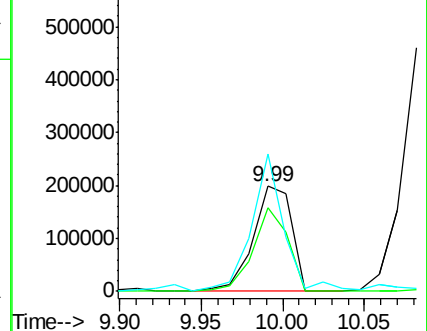
65 130.7 102.2 142.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.38 ng

RT: 10.06 min Scan# 680

Delta R.T. -0.04 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Tgt Ion:165 Resp: 274187

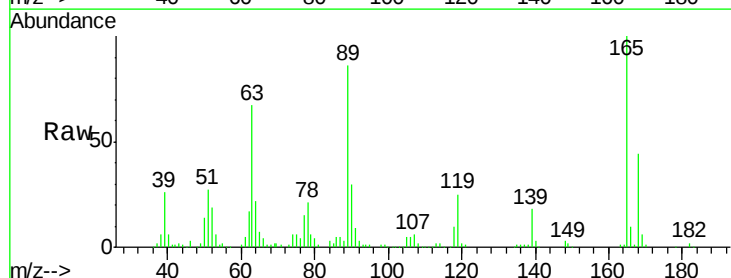
Ion Ratio Lower Upper

165 100

63 67.3 29.0 43.4#

89 86.3 43.1 64.7#

182 2.3 1.9 2.9

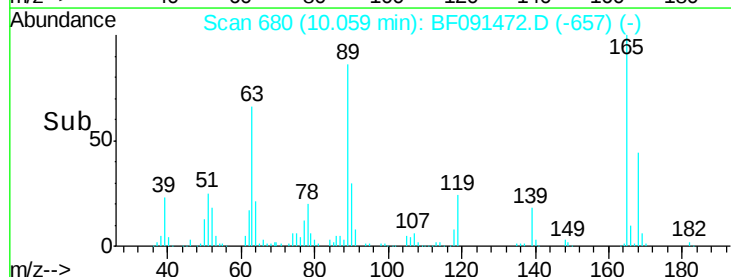
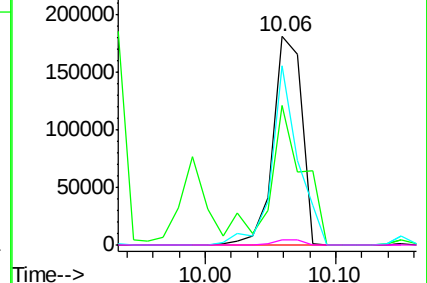


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

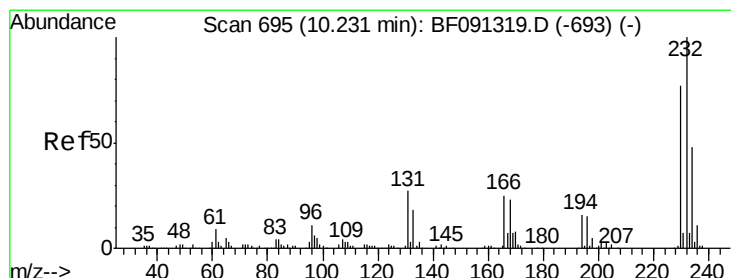
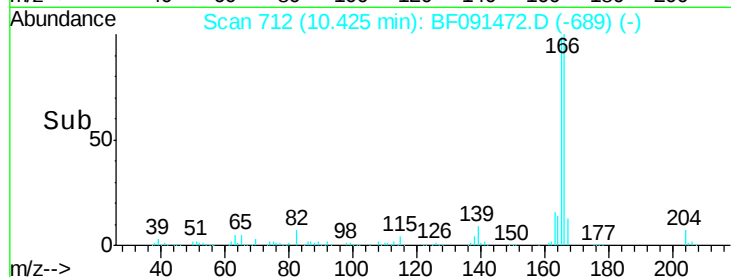
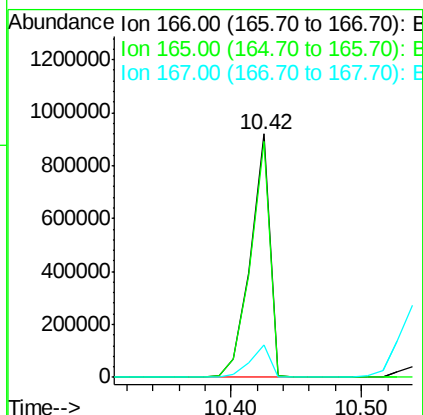
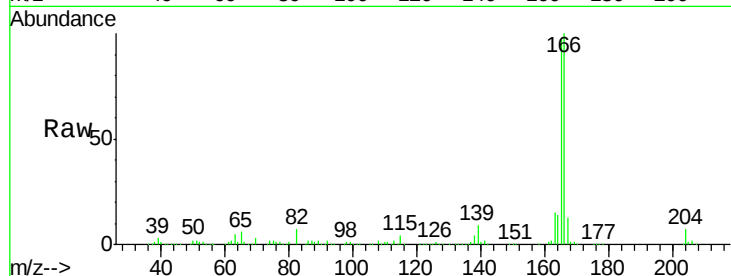




#57
Fluorene
 Concen: 44.57 ng
 RT: 10.42 min Scan# 712
 Delta R.T. -0.04 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

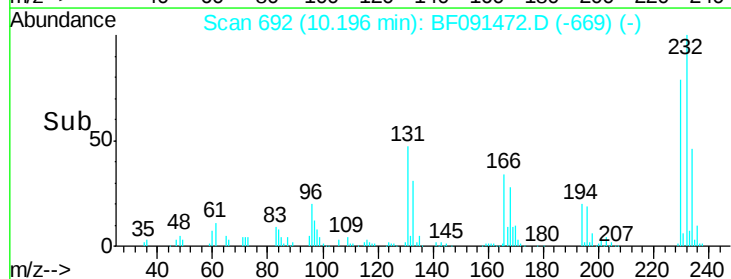
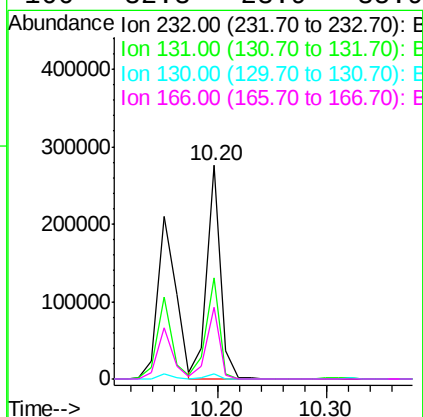
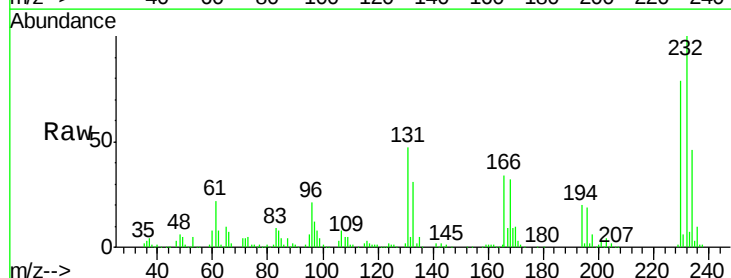
Instrument :
 BNA_F
 ClientSampleId :
 PB95096BS

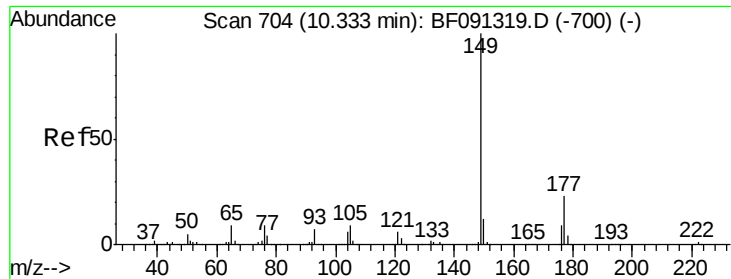
Tgt Ion:166 Resp: 959925
 Ion Ratio Lower Upper
 166 100
 165 97.1 80.0 120.0
 167 13.3 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.32 ng
 RT: 10.20 min Scan# 692
 Delta R.T. -0.04 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Tgt Ion:232 Resp: 244533
 Ion Ratio Lower Upper
 232 100
 131 46.3 38.4 57.6
 130 2.3 1.8 2.8
 166 32.3 23.9 35.9

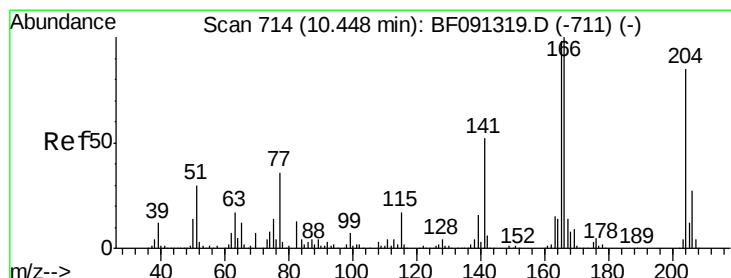
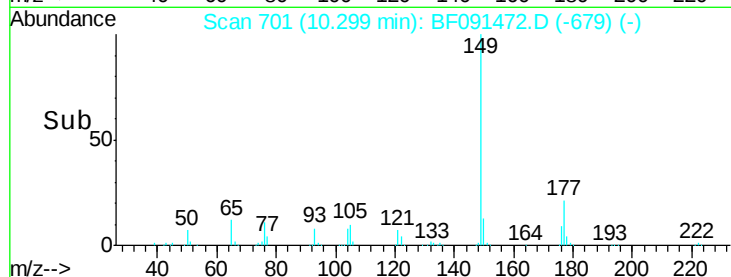
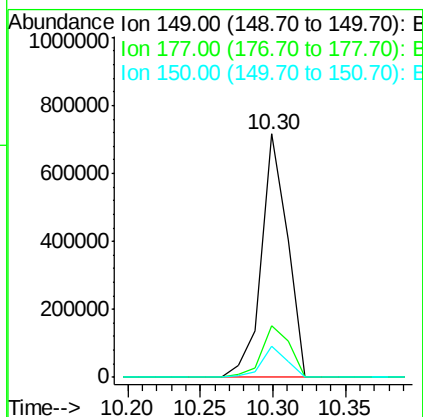
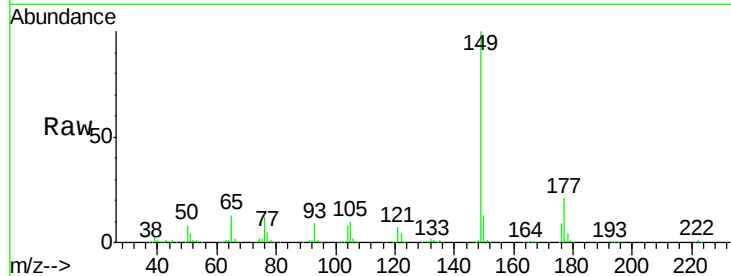




#59
Diethylphthalate
Concen: 40.28 ng
RT: 10.30 min Scan# 701
Delta R.T. -0.05 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

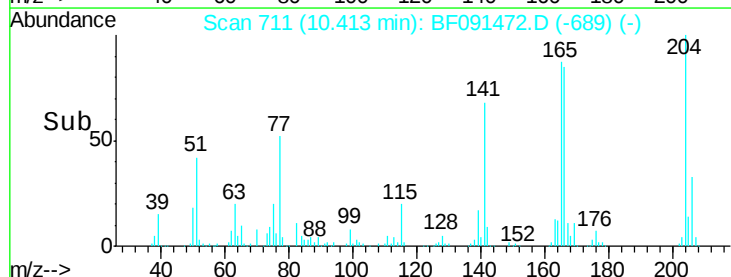
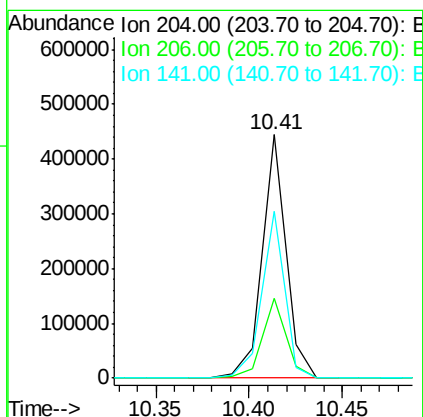
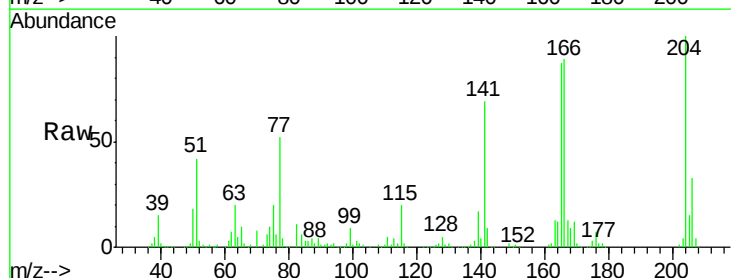
Instrument :
BNA_F
ClientSampleId :
PB95096BS

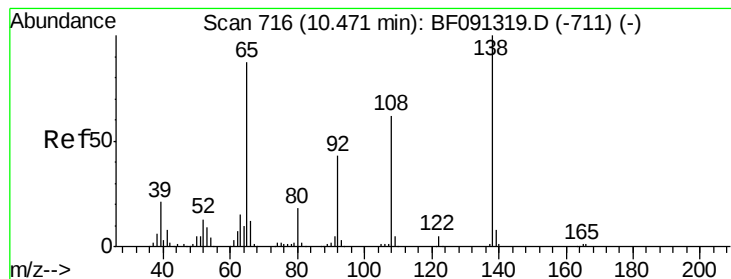
Tgt Ion:149 Resp: 887155
Ion Ratio Lower Upper
149 100
177 21.1 15.7 23.5
150 12.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 36.00 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.05 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion:204 Resp: 388876
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 68.6 40.6 61.0#

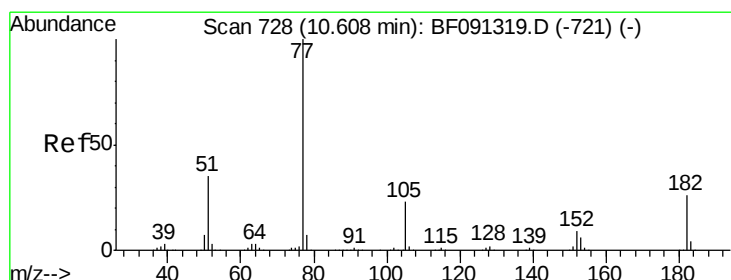
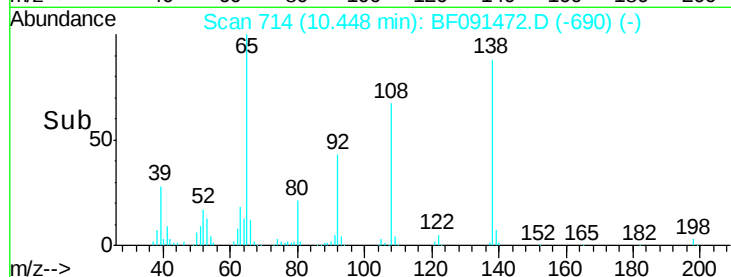
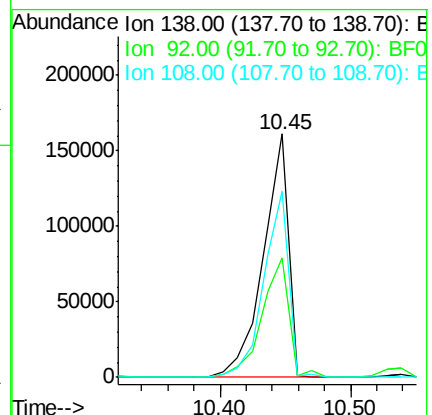
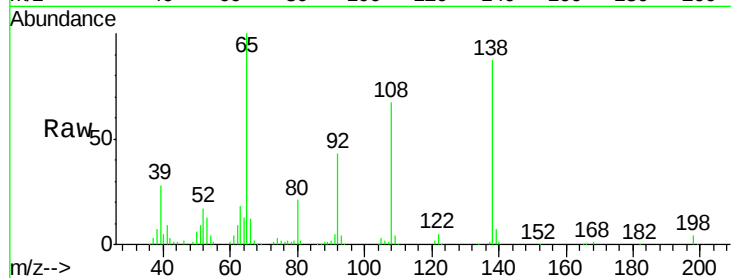




#61
4-Nitroaniline
Concen: 39.87 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.03 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

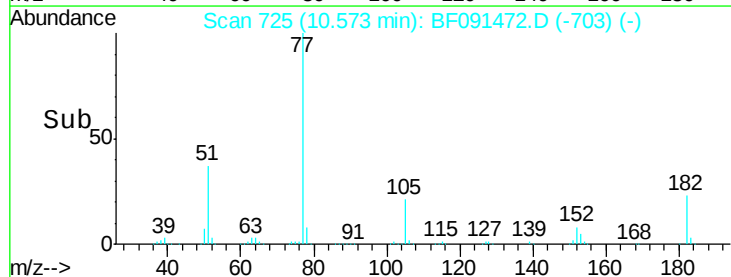
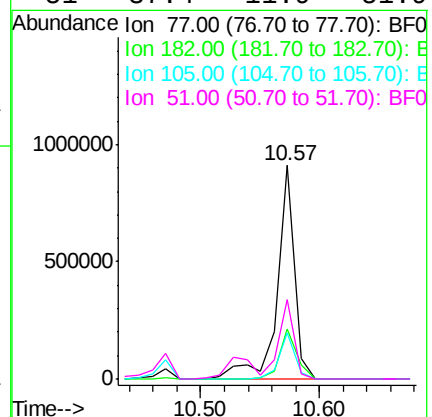
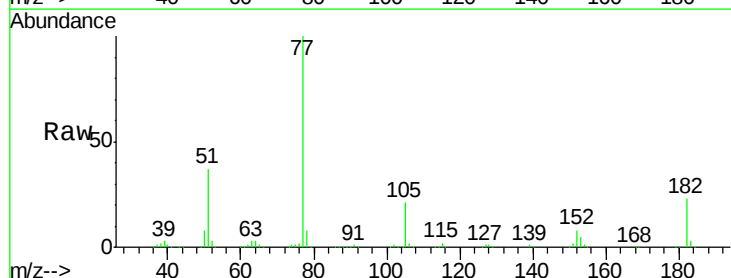
Instrument :
BNA_F
ClientSampleId :
PB95096BS

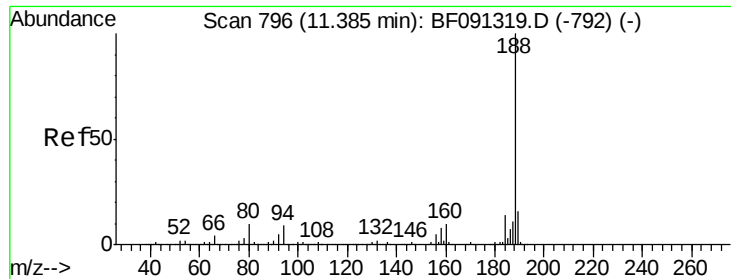
Tgt Ion:138 Resp: 216107
Ion Ratio Lower Upper
138 100
92 49.1 26.9 66.9
108 76.5 49.1 89.1



#62
Azobenzene
Concen: 41.26 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.05 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion: 77 Resp: 927233
Ion Ratio Lower Upper
77 100
182 23.1 12.5 52.5
105 21.4 3.7 43.7
51 37.4 11.9 51.9

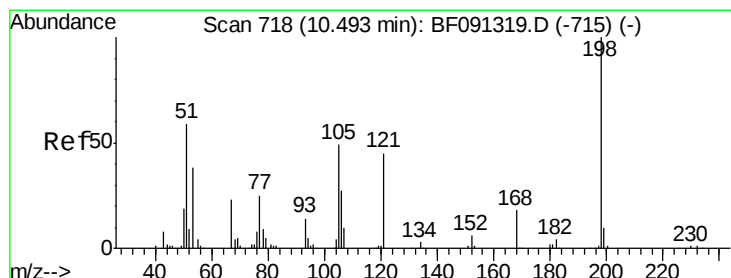
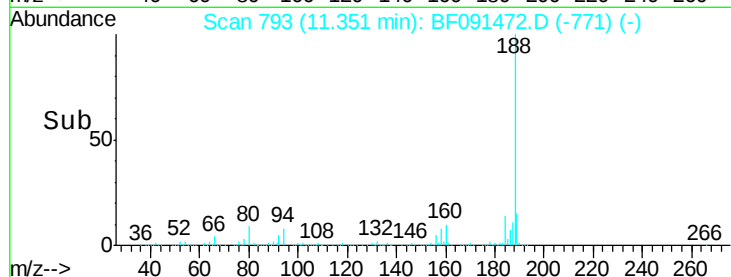
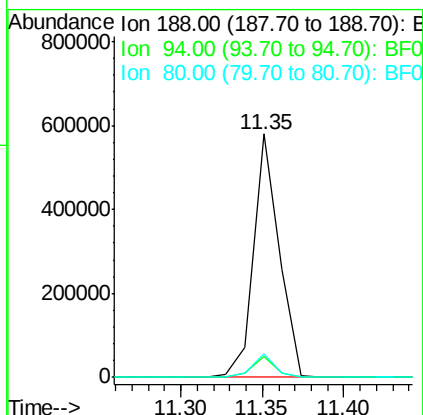
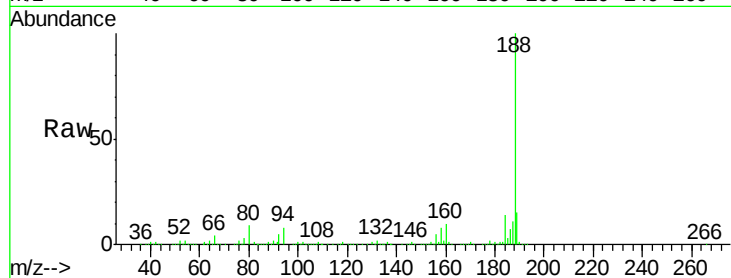




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.05 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

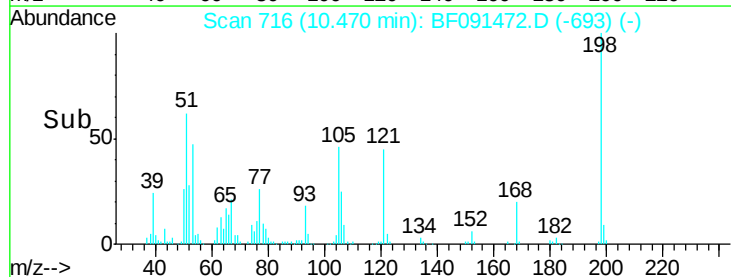
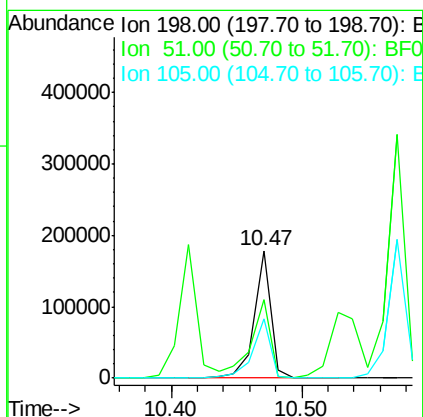
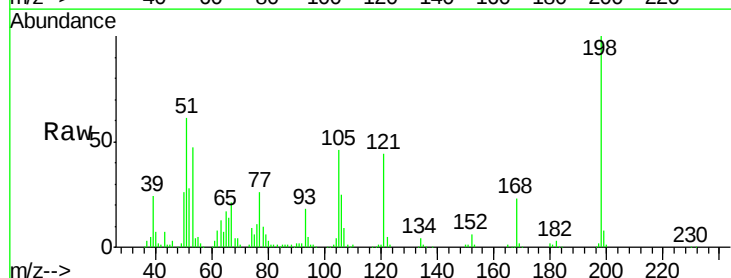
Instrument :
BNA_F
ClientSampleId :
PB95096BS

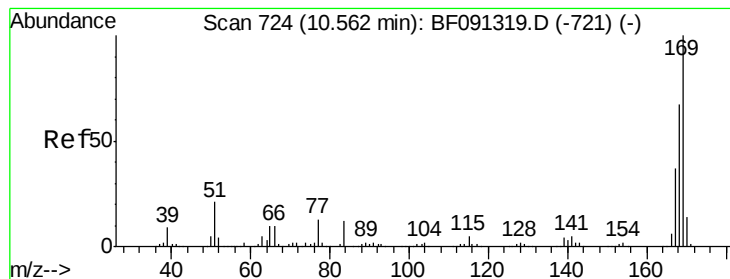
Tgt Ion:188 Resp: 631754
Ion Ratio Lower Upper
188 100
94 8.4 9.2 13.8#
80 9.4 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 46.18 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.04 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion:198 Resp: 160727
Ion Ratio Lower Upper
198 100
51 61.5 77.1 117.1#
105 46.0 44.8 84.8





#65

n-Nitrosodiphenylamine

Concen: 44.07 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.04 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleId :

PB95096BS

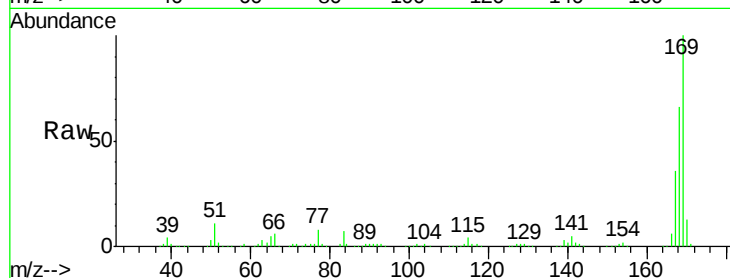
Tgt Ion:169 Resp: 844188

Ion Ratio Lower Upper

169 100

168 65.9 53.8 80.8

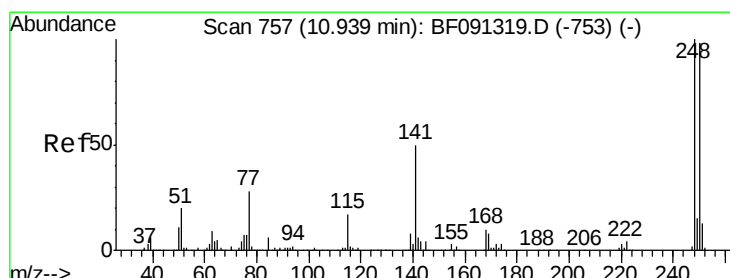
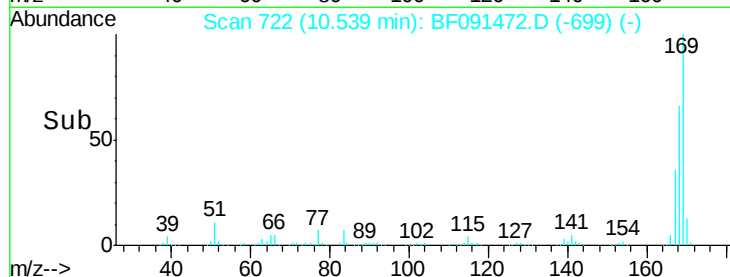
167 35.8 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.78 ng

RT: 10.90 min Scan# 754

Delta R.T. -0.05 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

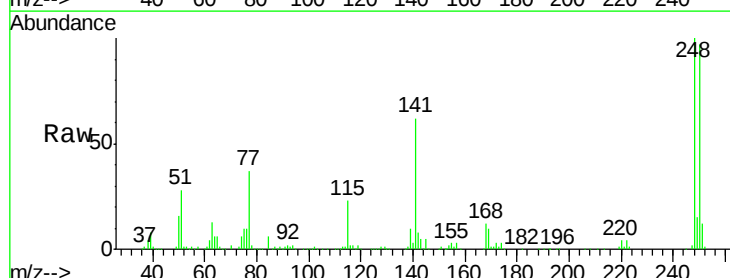
Tgt Ion:248 Resp: 304077

Ion Ratio Lower Upper

248 100

250 97.4 78.2 117.4

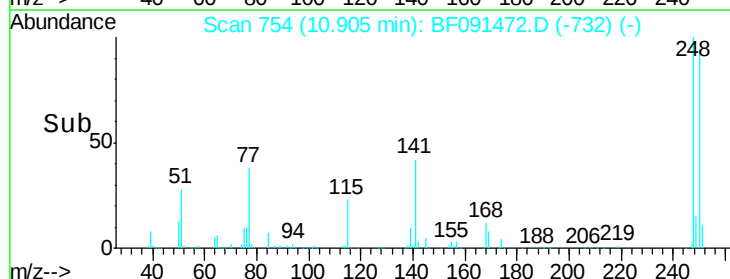
141 62.4 71.9 107.9#

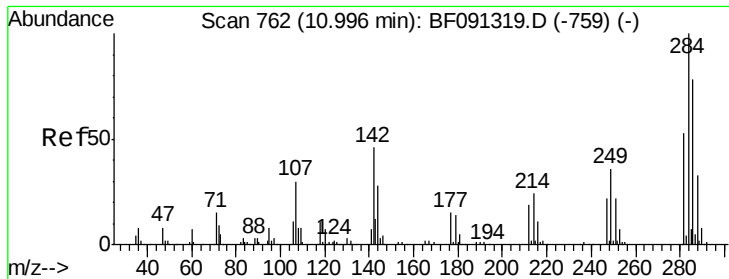


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

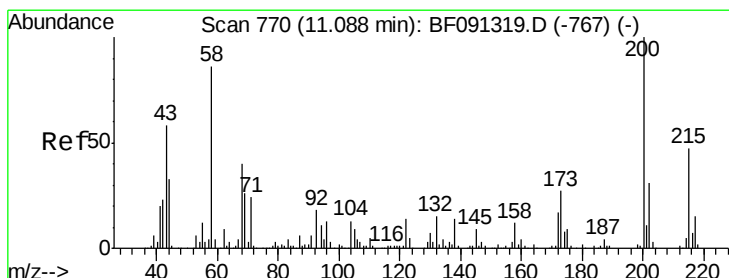
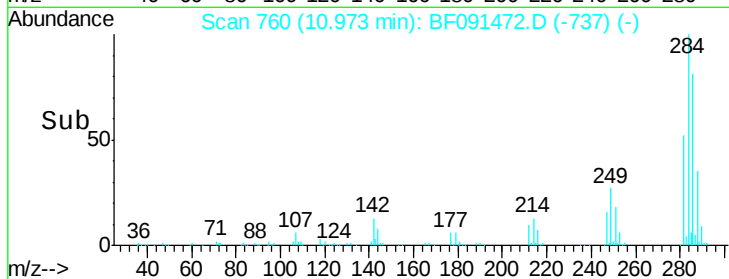
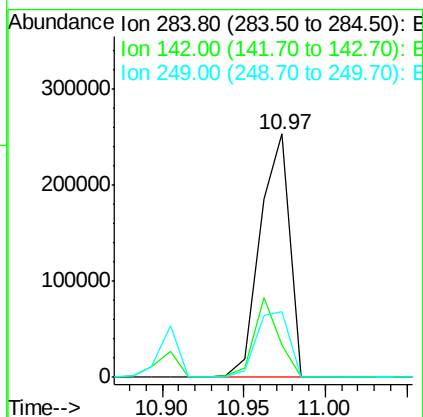
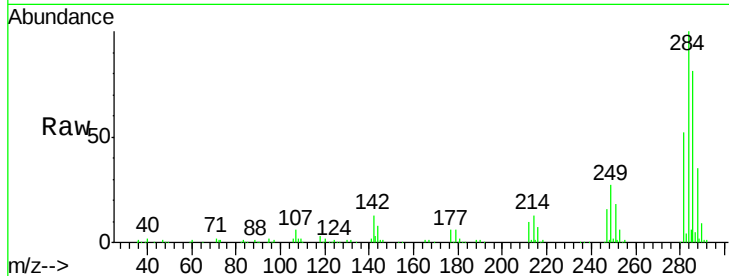




#67
Hexachlorobenzene
Concen: 43.09 ng
RT: 10.97 min Scan# 760
Delta R.T. -0.04 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

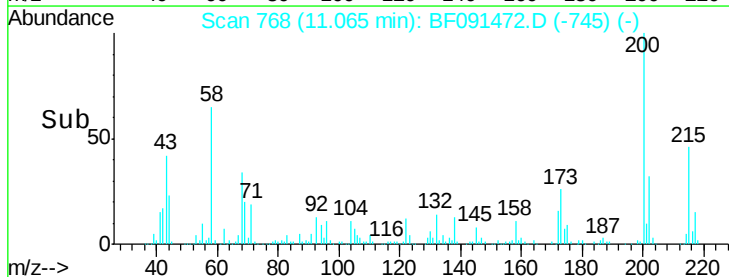
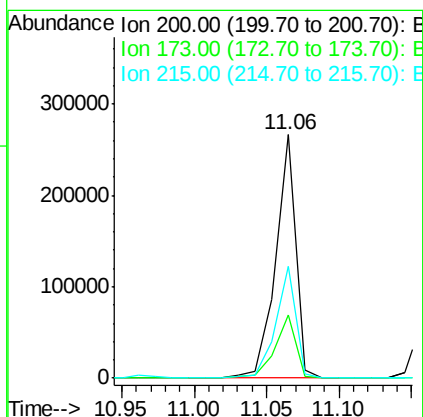
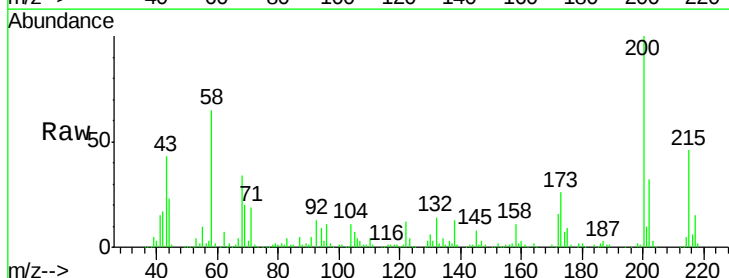
Instrument :
BNA_F
ClientSampleId :
PB95096BS

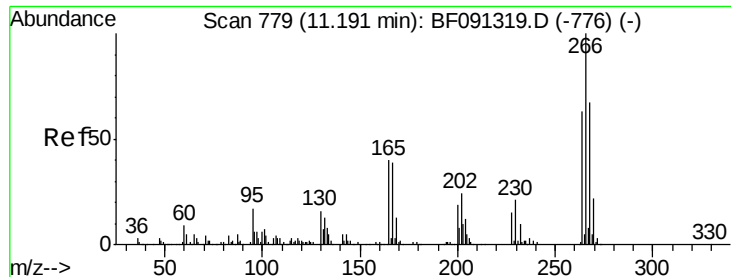
Tgt Ion:284 Resp: 316159
Ion Ratio Lower Upper
284 100
142 13.4 17.9 26.9#
249 27.1 23.6 35.4



#68
Atrazine
Concen: 41.10 ng
RT: 11.06 min Scan# 768
Delta R.T. -0.04 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion:200 Resp: 254963
Ion Ratio Lower Upper
200 100
173 26.1 7.8 47.8
215 46.0 24.3 64.3

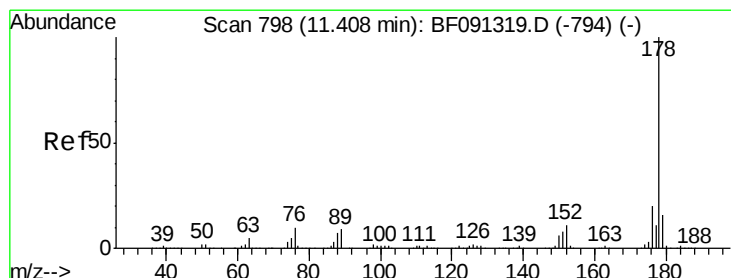
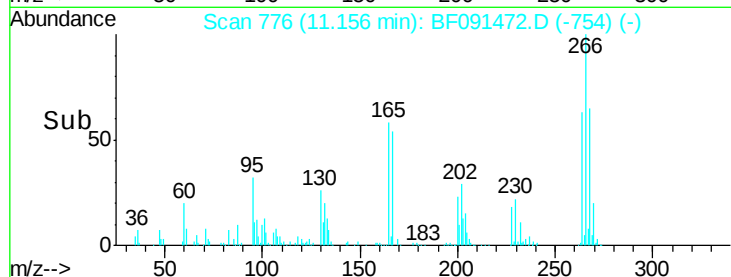
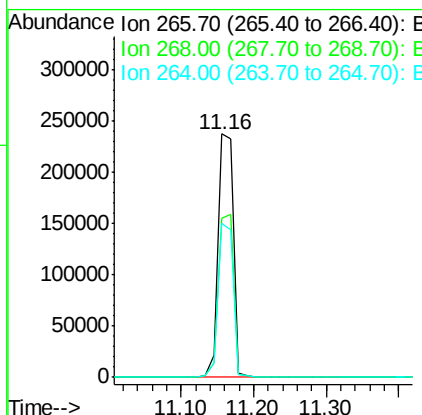
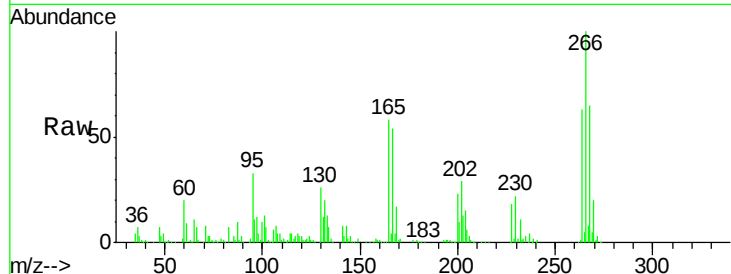




#69
 Pentachlorophenol
 Concen: 80.16 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.05 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

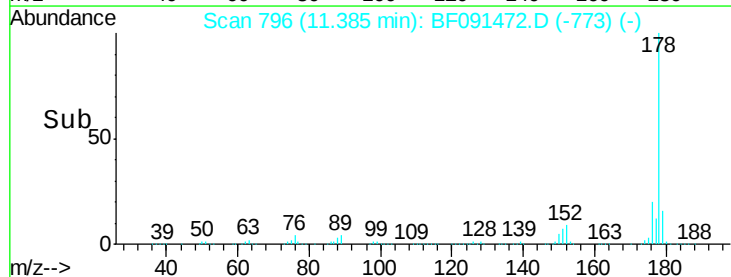
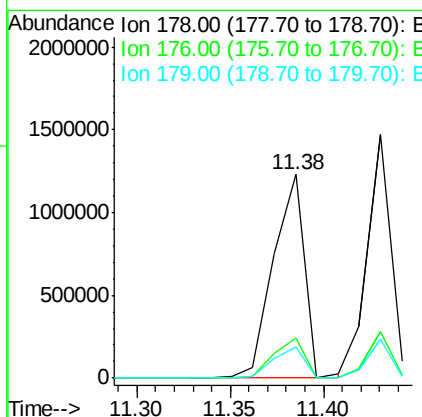
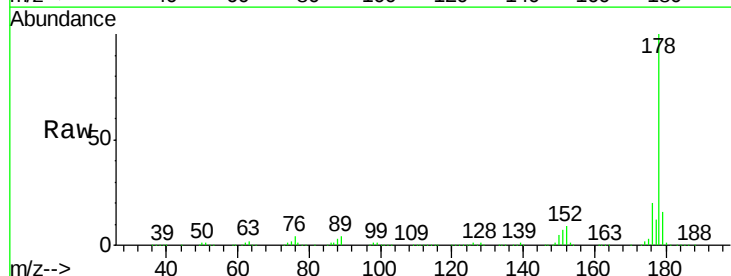
Instrument :
 BNA_F
 ClientSampleId :
 PB95096BS

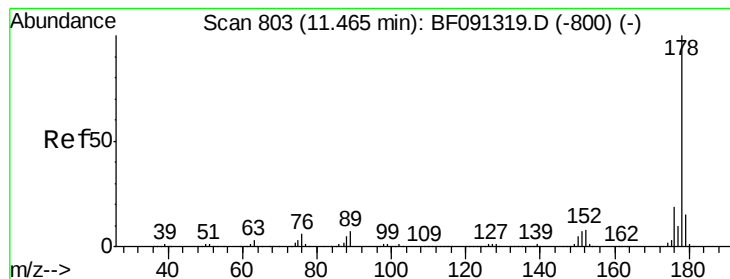
Tgt Ion:266 Resp: 346267
 Ion Ratio Lower Upper
 266 100
 268 65.1 50.3 75.5
 264 63.1 48.2 72.2



#70
 Phenanthrene
 Concen: 43.76 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.04 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Tgt Ion:178 Resp: 1436654
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 15.6 12.6 18.8





#71

Anthracene

Concen: 39.78 ng

RT: 11.43 min Scan# 800

Delta R.T. -0.05 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleId :

PB95096BS

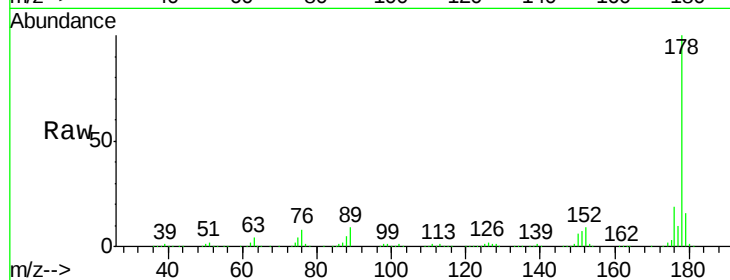
Tgt Ion:178 Resp: 1296065

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

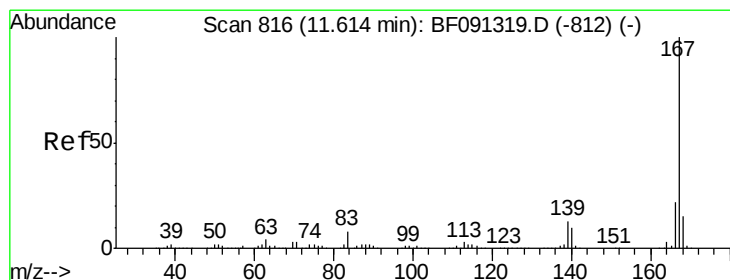
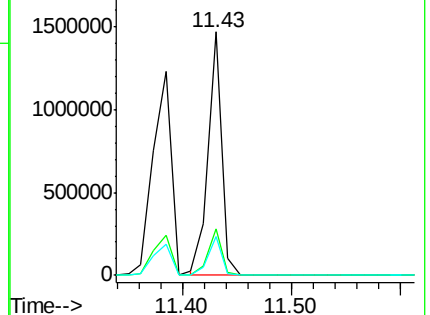
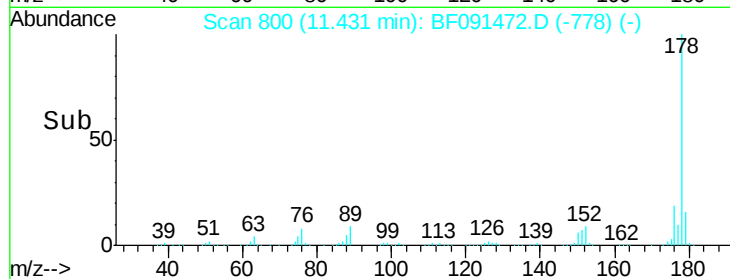
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.18 ng

RT: 11.59 min Scan# 814

Delta R.T. -0.04 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

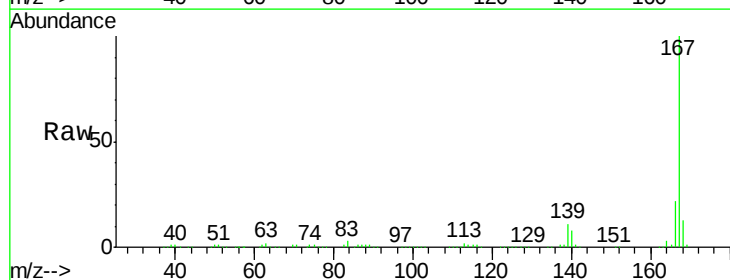
Tgt Ion:167 Resp: 1246948

Ion Ratio Lower Upper

167 100

166 21.7 18.1 27.1

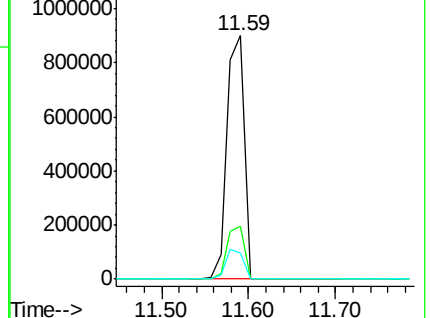
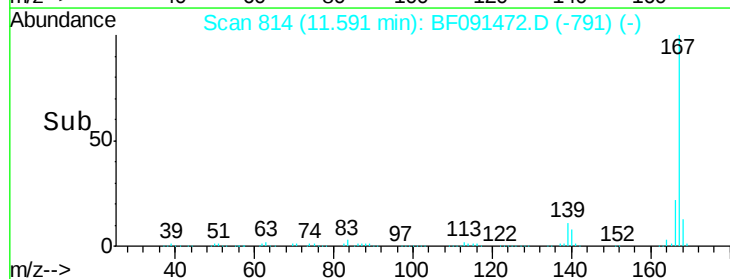
139 10.7 11.5 17.3#

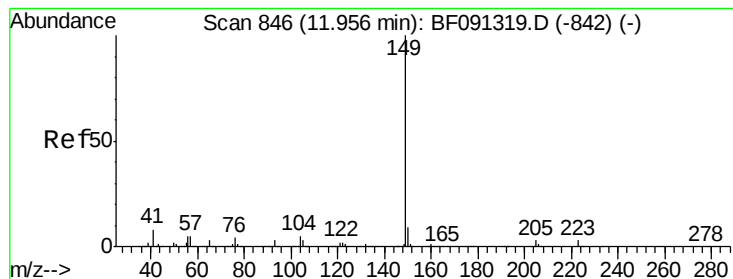


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.26 ng

RT: 11.92 min Scan# 843

Delta R.T. -0.05 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleId :

PB95096BS

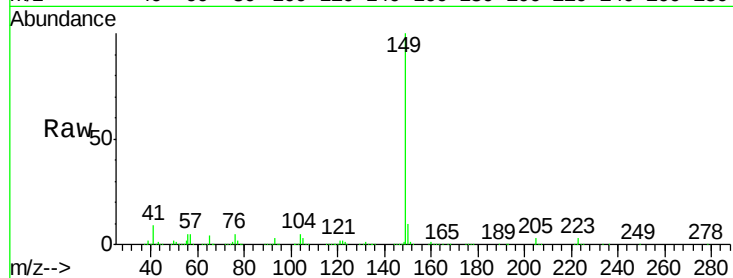
Tgt Ion:149 Resp: 1583534

Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

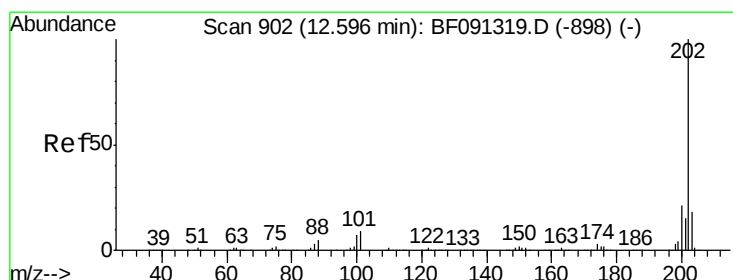
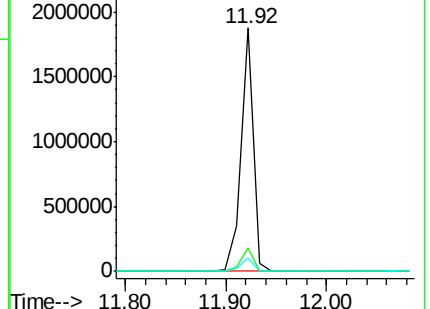
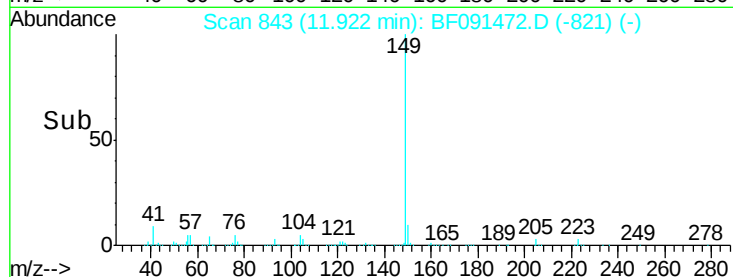
104 5.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.92 ng

RT: 12.56 min Scan# 899

Delta R.T. -0.05 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

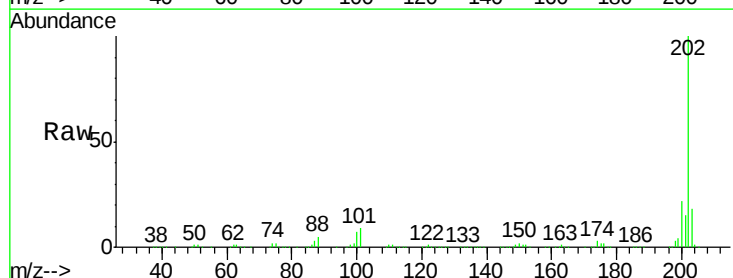
Tgt Ion:202 Resp: 1427939

Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.5

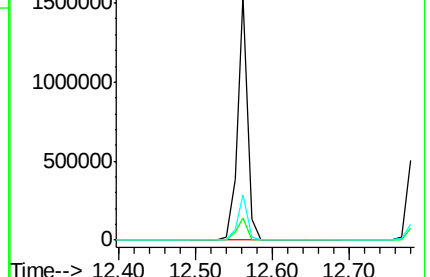
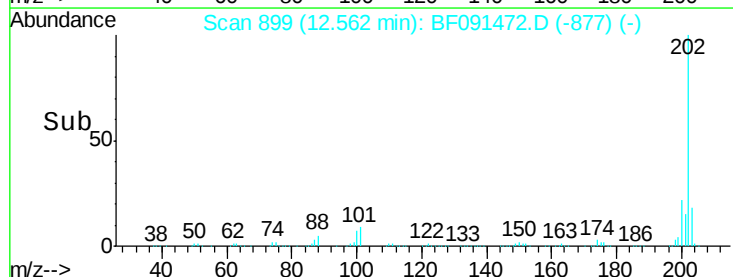
203 18.3 0.0 37.8

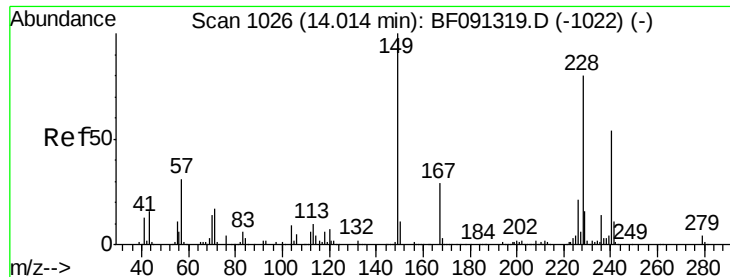


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleId :

PB95096BS

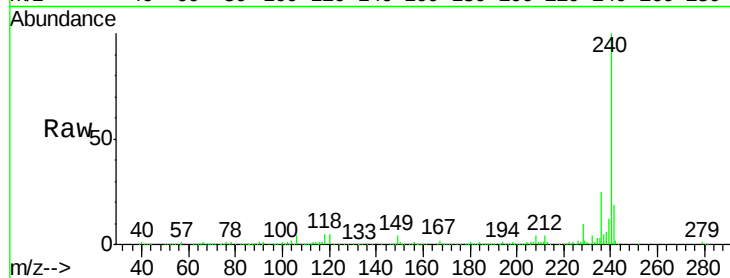
Tgt Ion:240 Resp: 502266

Ion Ratio Lower Upper

240 100

120 5.1 12.1 18.1#

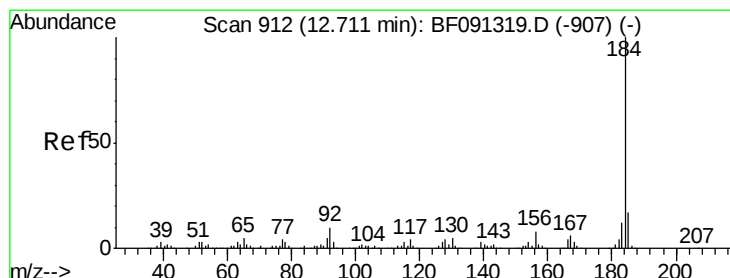
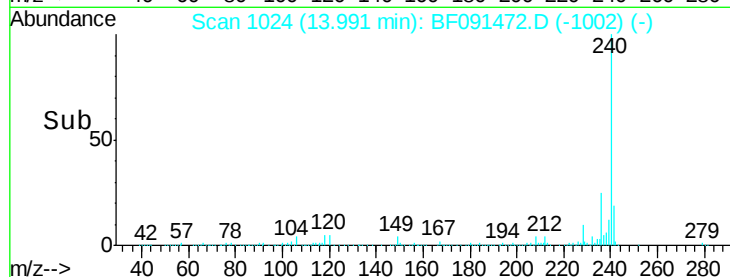
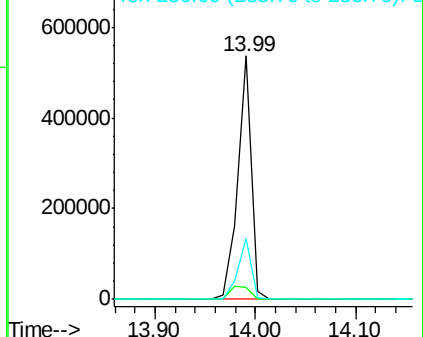
236 24.8 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.97 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

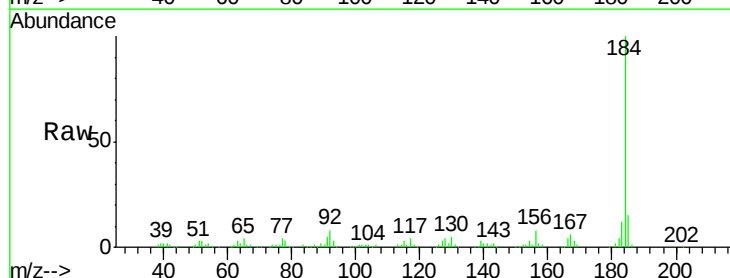
Tgt Ion:184 Resp: 264999

Ion Ratio Lower Upper

184 100

185 15.5 13.1 19.7

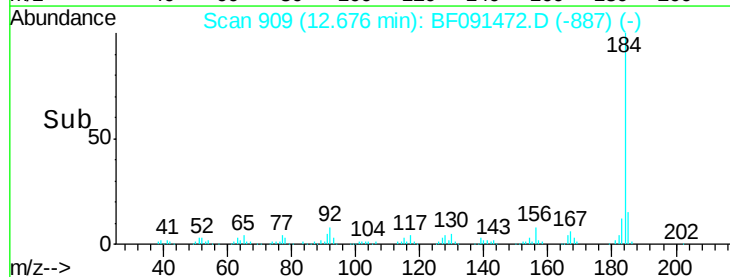
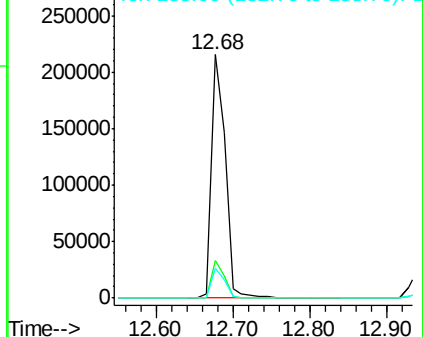
183 12.1 8.9 13.3

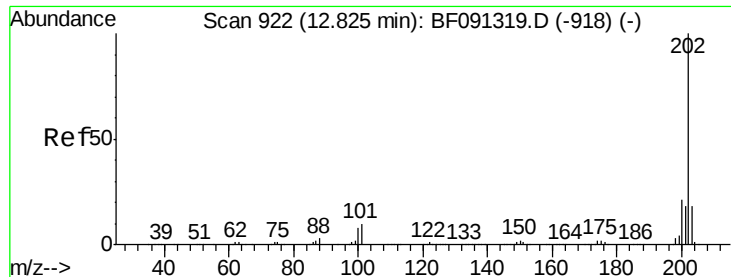


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



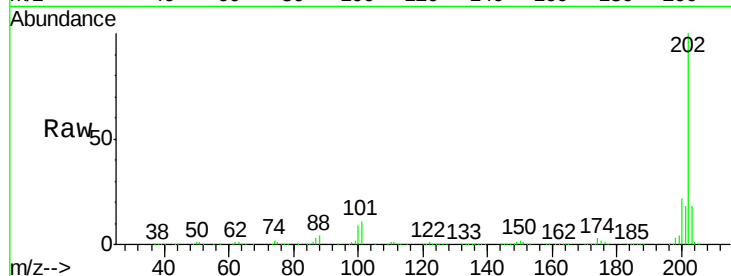


#77
 Pyrene
 Concen: 38.85 ng
 RT: 12.79 min Scan# 919
 Delta R.T. -0.05 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

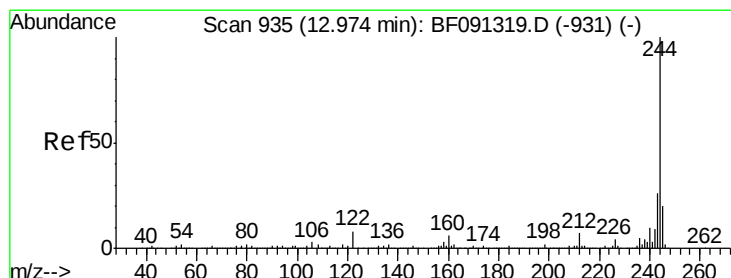
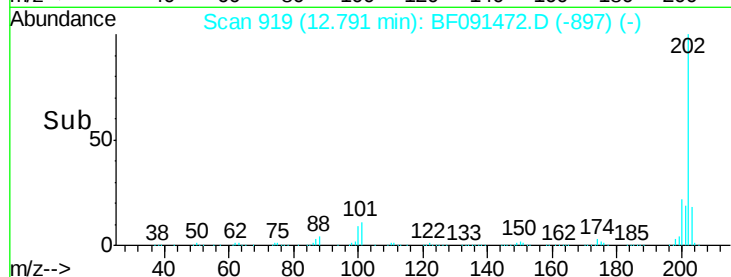
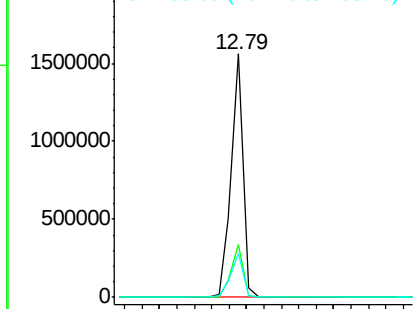
Instrument :
 BNA_F
 ClientSampleId :
 PB95096BS

Tgt Ion: 202 Resp: 1480788

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	18.2	14.0	21.0



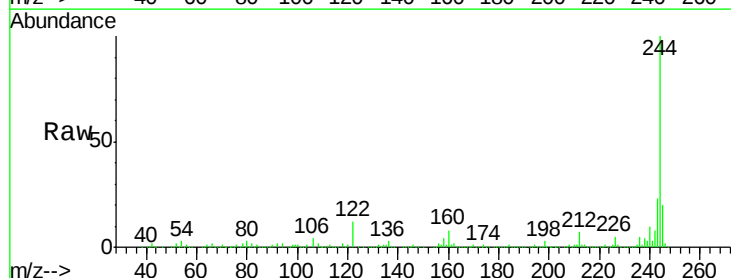
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



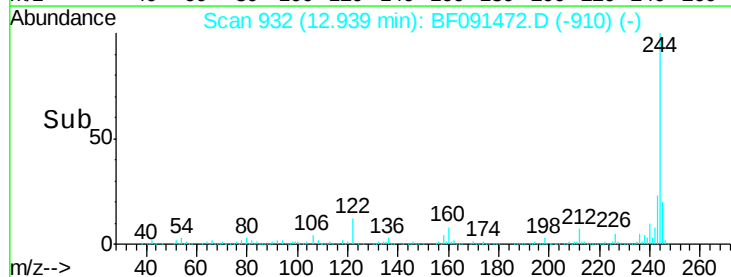
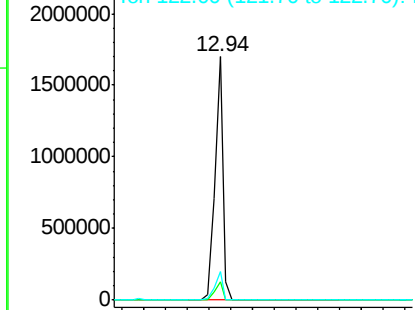
#78
 Terphenyl-d14
 Concen: 76.89 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.05 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

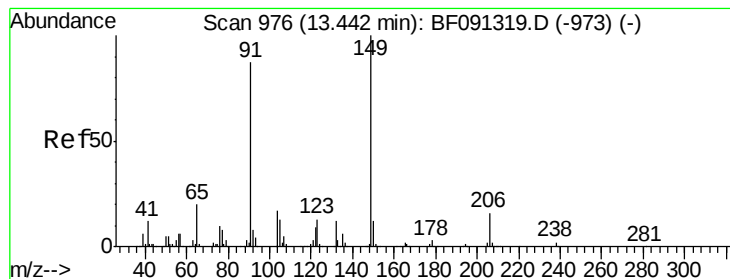
Tgt Ion: 244 Resp: 1776933

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	11.9	9.5	14.3



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.80 ng

RT: 13.42 min Scan# 974

Delta R.T. -0.05 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleId :

PB95096BS

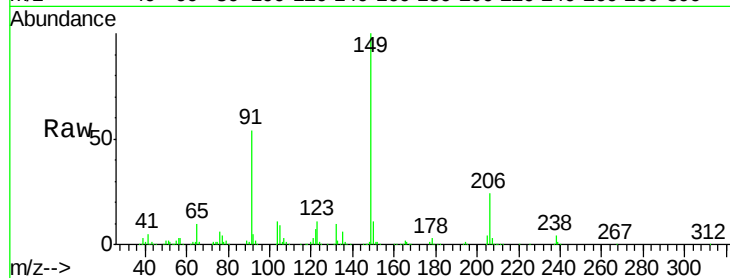
Tgt Ion:149 Resp: 625180

Ion Ratio Lower Upper

149 100

91 54.3 57.4 86.2#

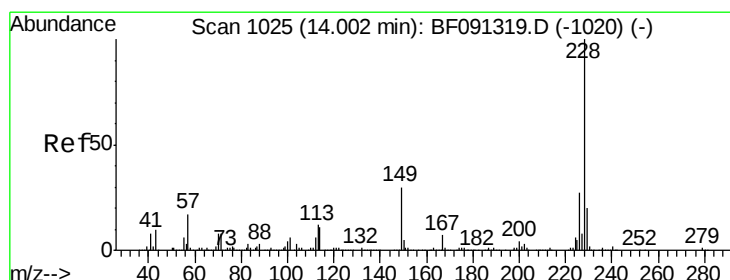
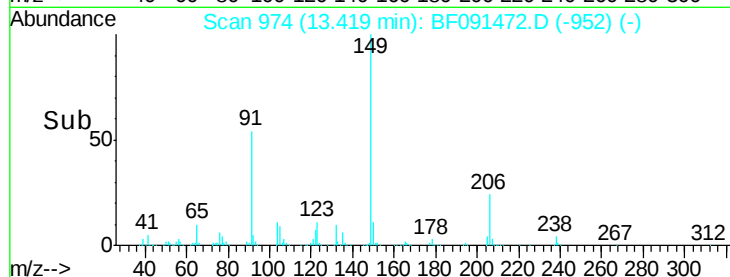
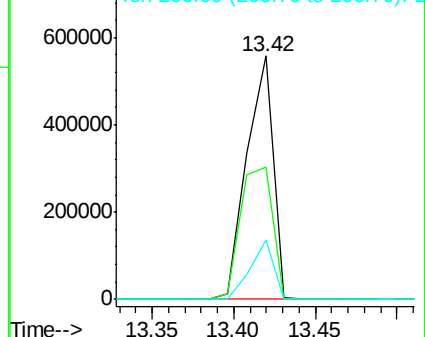
206 24.5 15.4 23.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.64 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.04 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

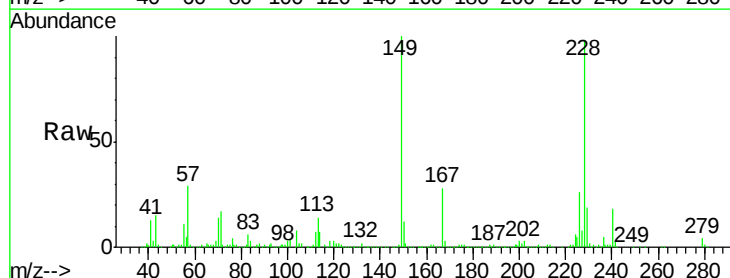
Tgt Ion:228 Resp: 1134917

Ion Ratio Lower Upper

228 100

226 26.9 22.5 33.7

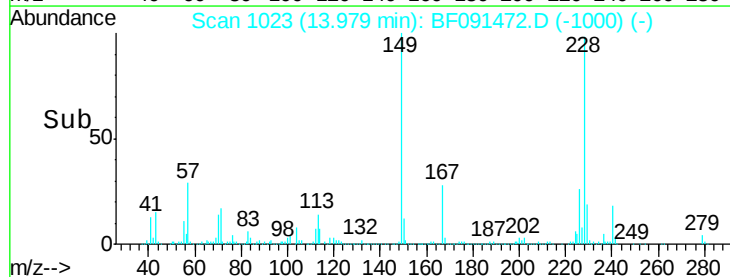
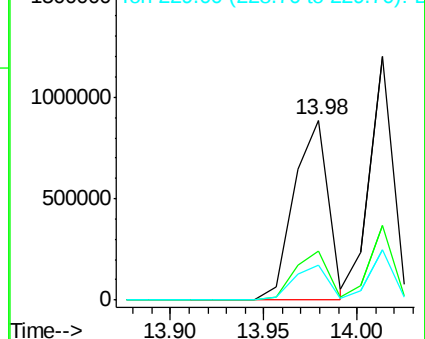
229 19.6 16.4 24.6

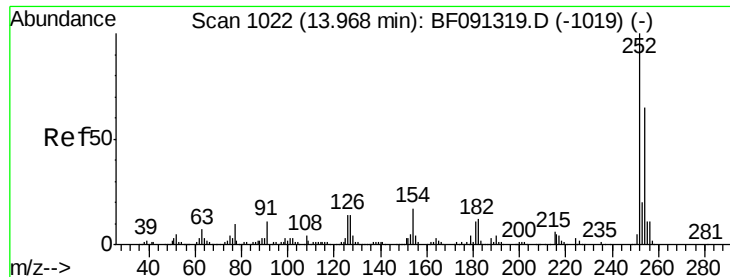


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

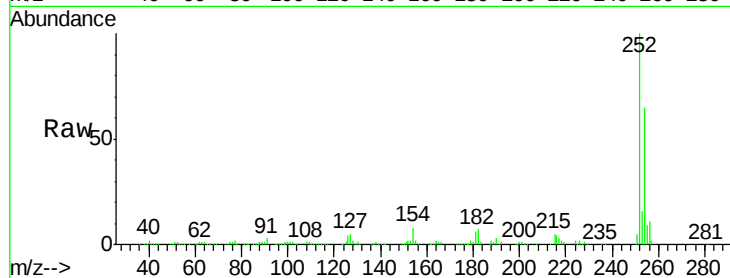




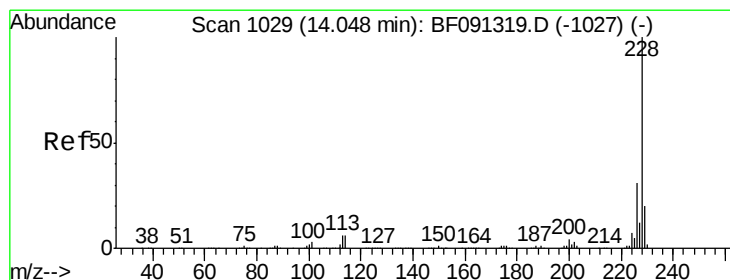
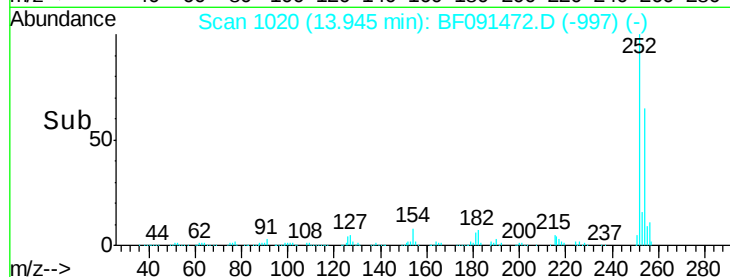
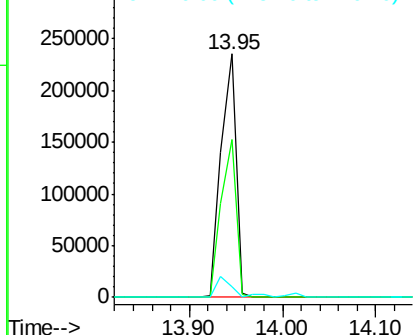
#81
 3,3'-Dichlorobenzidine
 Concen: 25.46 ng
 RT: 13.95 min Scan# 1020
 Delta R.T. -0.04 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB95096BS

Tgt Ion:252 Resp: 263456
 Ion Ratio Lower Upper
 252 100
 254 64.9 52.1 78.1
 126 4.3 7.5 11.3#

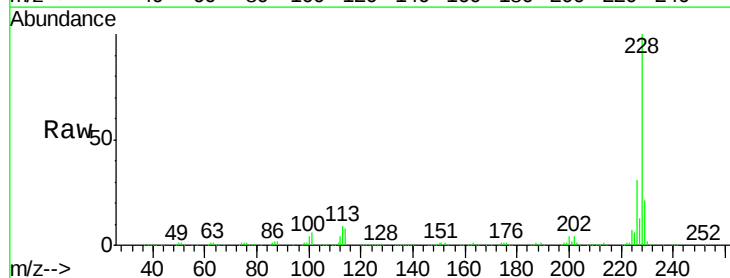


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

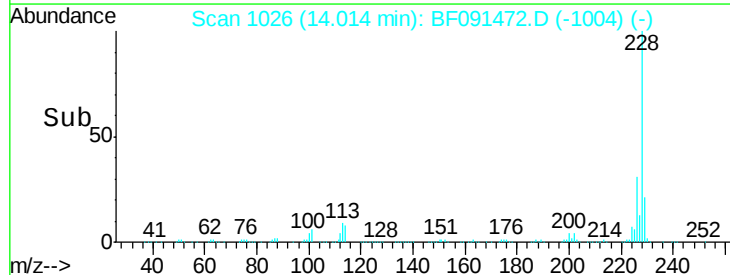
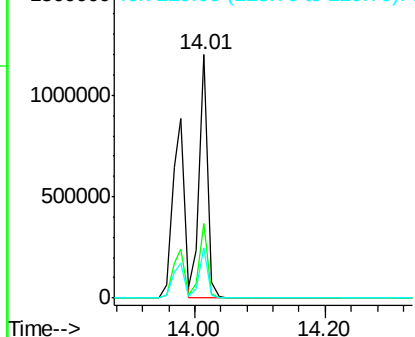


#82
 Chrysene
 Concen: 36.37 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.05 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Tgt Ion:228 Resp: 1057069
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.4
 229 20.7 16.0 24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.81 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.05 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleId :

PB95096BS

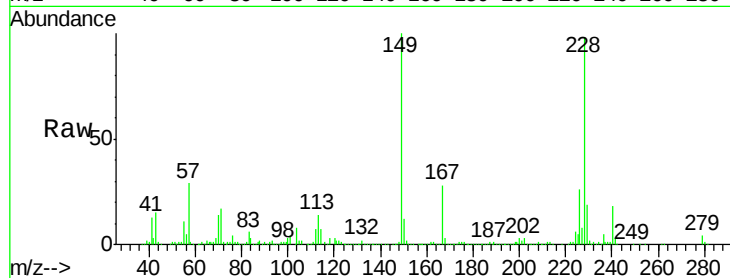
Tgt Ion:149 Resp: 864901

Ion Ratio Lower Upper

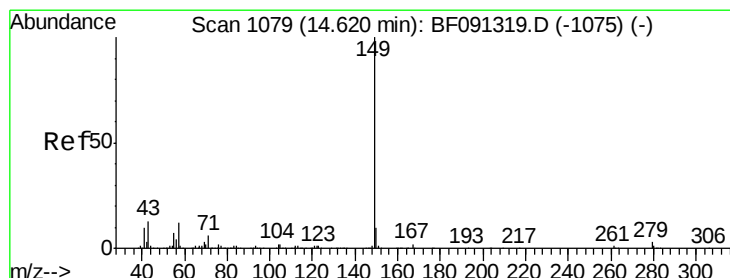
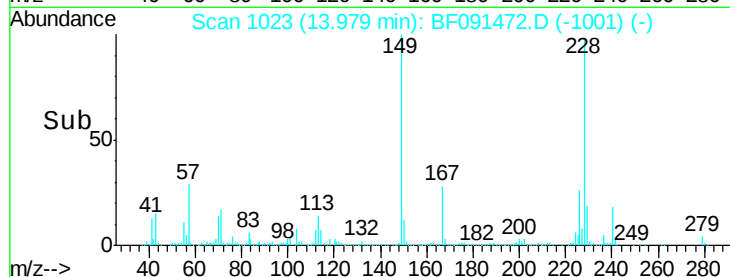
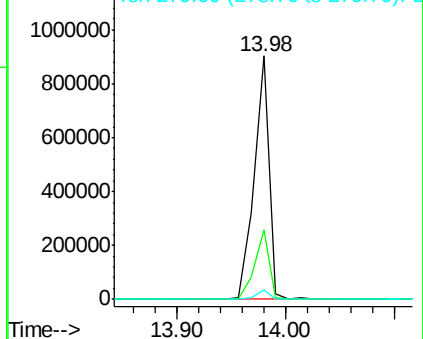
149 100

167 28.3 19.6 29.4

279 3.9 1.9 2.9#



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



#84

Di-n-octyl phthalate

Concen: 47.54 ng

RT: 14.59 min Scan# 1076

Delta R.T. -0.05 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

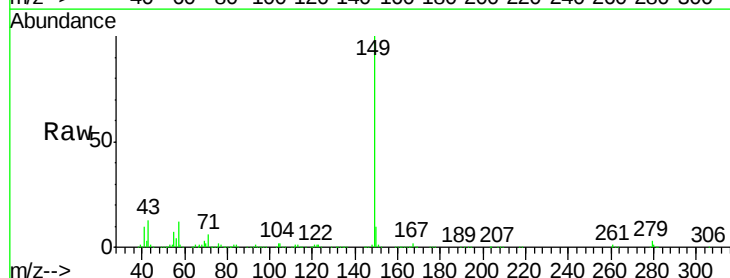
Tgt Ion:149 Resp: 1301616

Ion Ratio Lower Upper

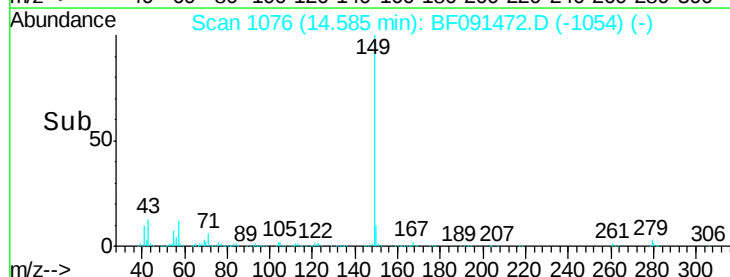
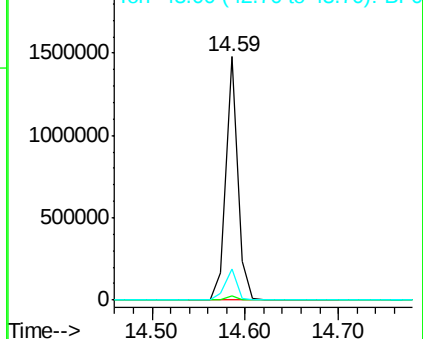
149 100

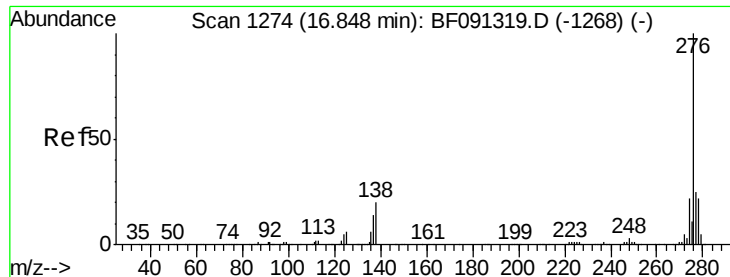
167 1.6 1.3 1.9

43 13.0 11.9 17.9



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

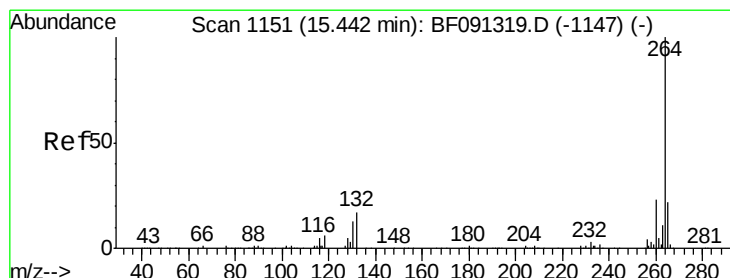
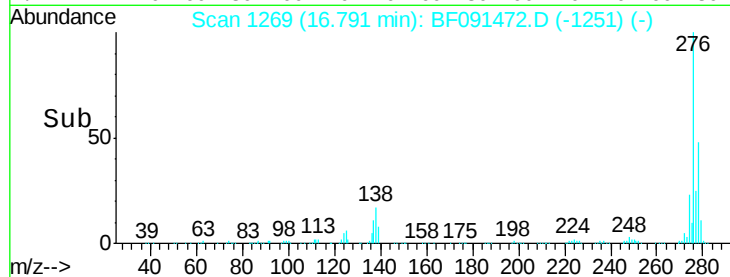
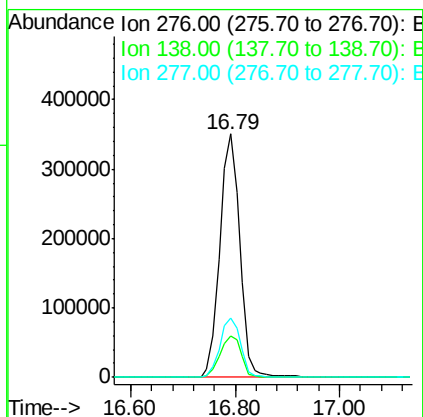
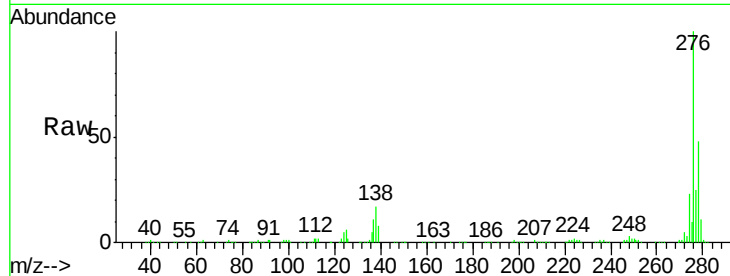




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.21 ng
 RT: 16.79 min Scan# 1269
 Delta R.T. -0.10 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

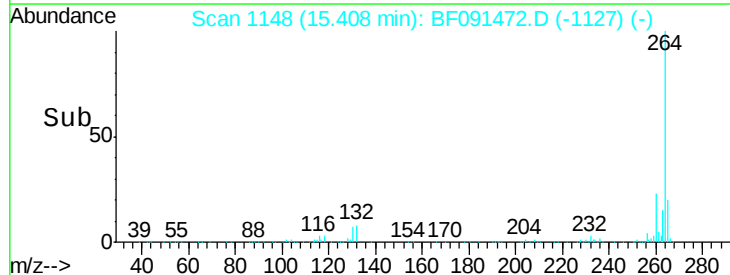
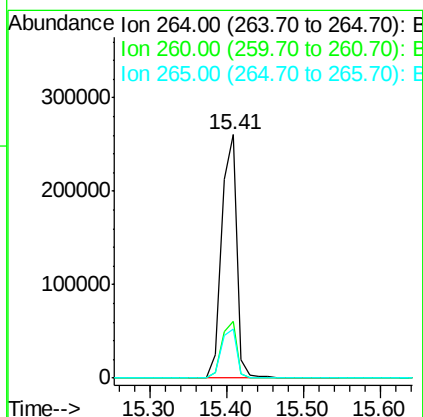
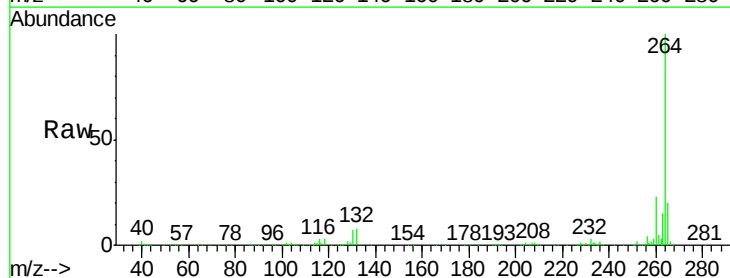
Instrument :
 BNA_F
 ClientSampleId :
 PB95096BS

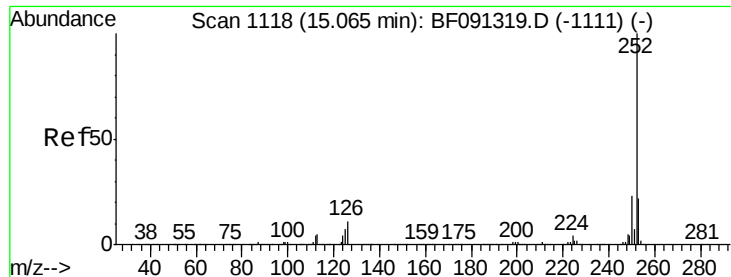
Tgt Ion: 276 Resp: 937236
 Ion Ratio Lower Upper
 276 100
 138 18.2 21.0 31.4#
 277 25.3 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1148
 Delta R.T. -0.06 min
 Lab File: BF091472.D
 Acq: 7 Dec 2016 16:30

Tgt Ion: 264 Resp: 361455
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.8 28.2
 265 20.4 17.0 25.6

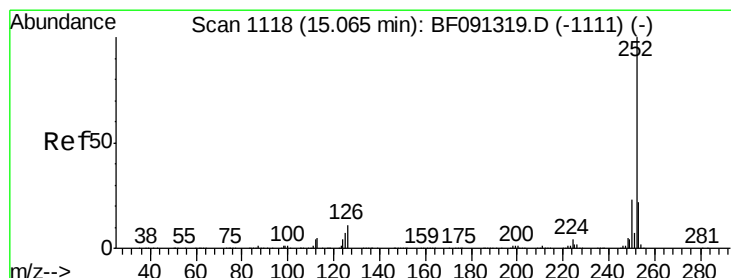
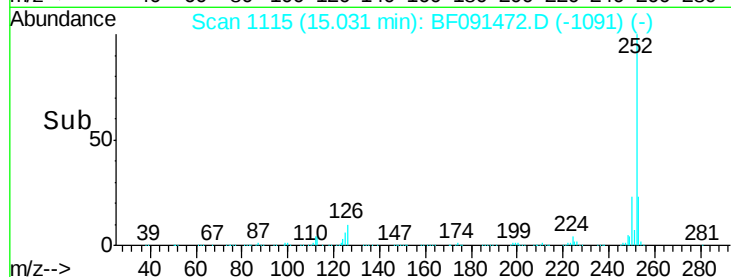
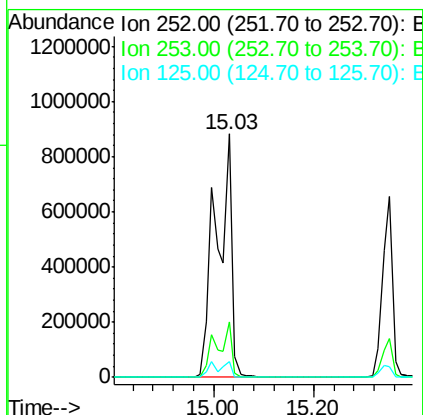
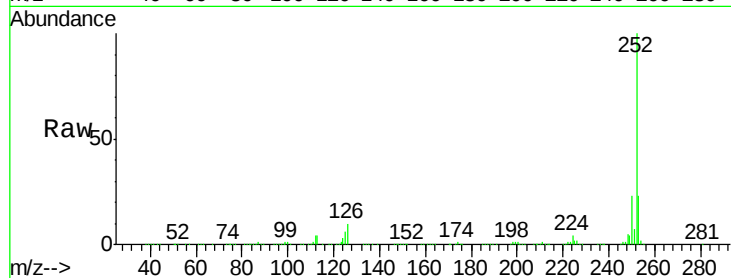




#87
Benzo(b)fluoranthene
Concen: 84.77 ng
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

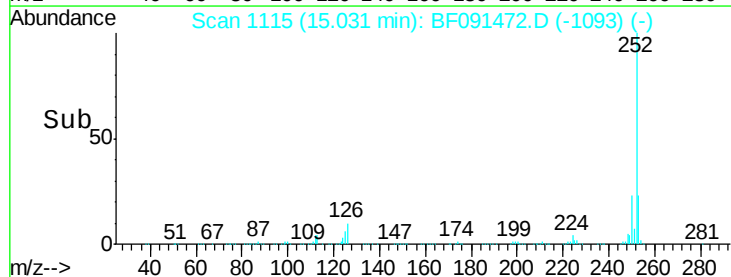
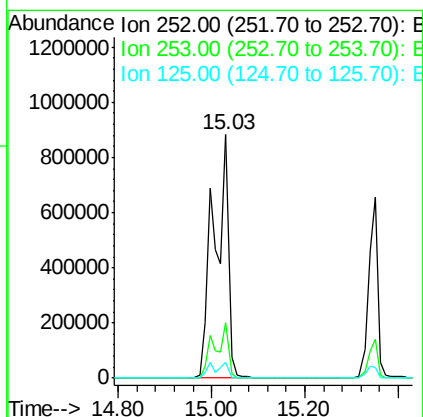
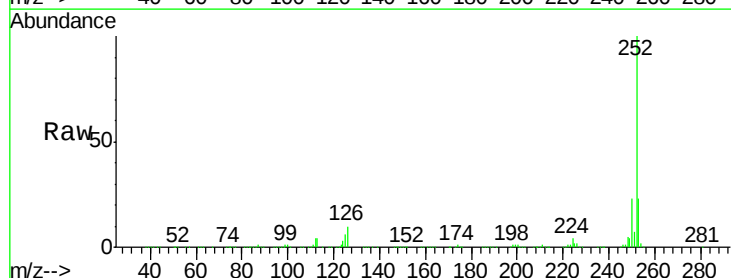
Instrument :
BNA_F
ClientSampleId :
PB95096BS

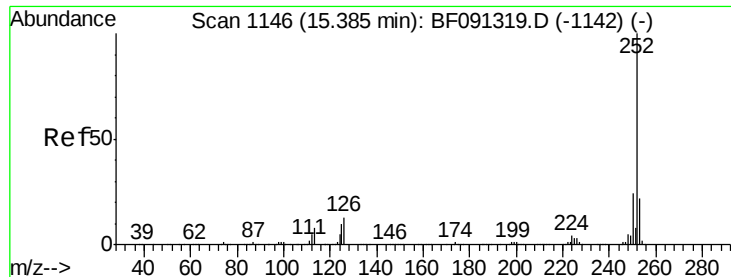
Tgt Ion:252 Resp: 1904465
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 6.4 8.6 13.0#



#88
Benzo(k)fluoranthene
Concen: 100.84 ng
RT: 15.03 min Scan# 1115
Delta R.T. -0.05 min
Lab File: BF091472.D
Acq: 7 Dec 2016 16:30

Tgt Ion:252 Resp: 1905109
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 6.4 9.6 14.4#





#89

Benzo(a)pyrene

Concen: 44.54 ng

RT: 15.35 min Scan# 1143

Delta R.T. -0.06 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

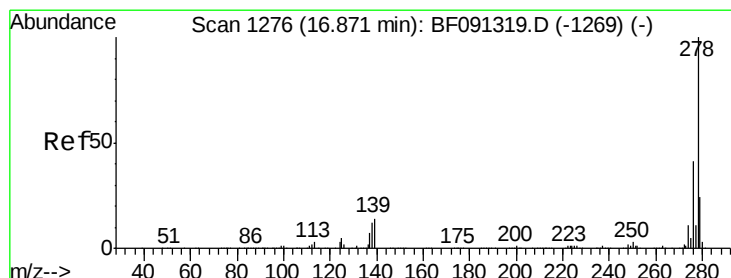
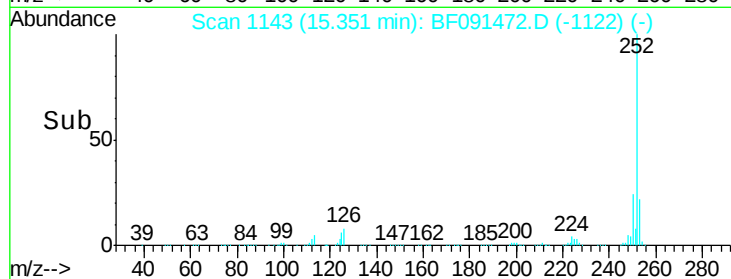
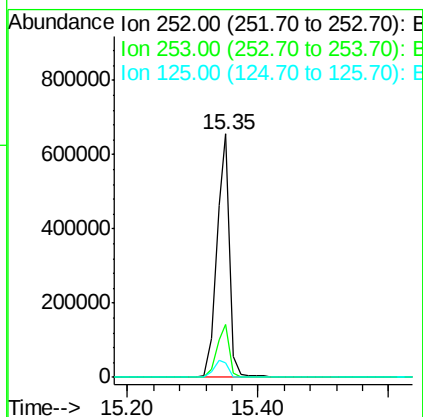
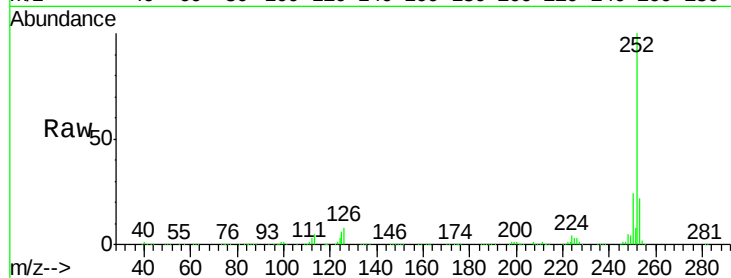
Instrument :

BNA_F

ClientSampleId :

PB95096BS

Tgt Ion:	252	Resp:	898617
Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	6.2	10.4	15.6#



#90

Dibenzo(a,h)anthracene

Concen: 42.16 ng

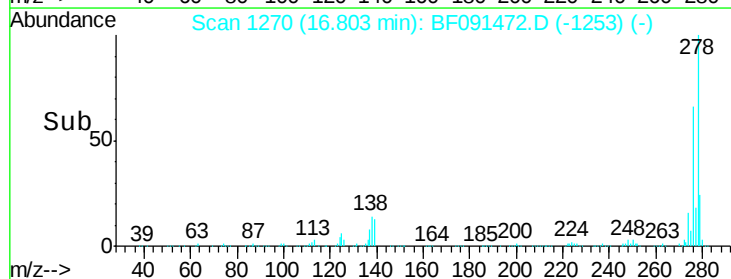
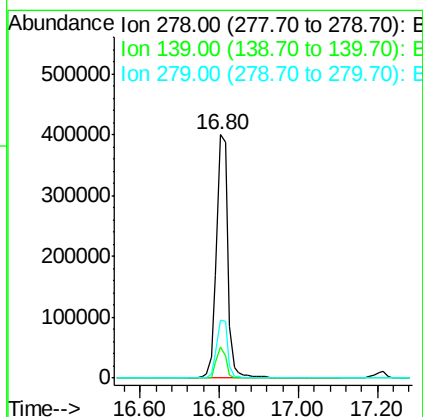
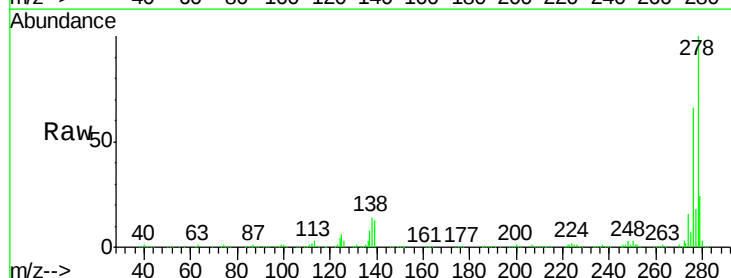
RT: 16.80 min Scan# 1270

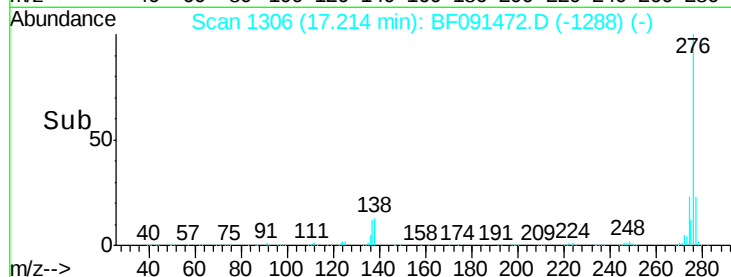
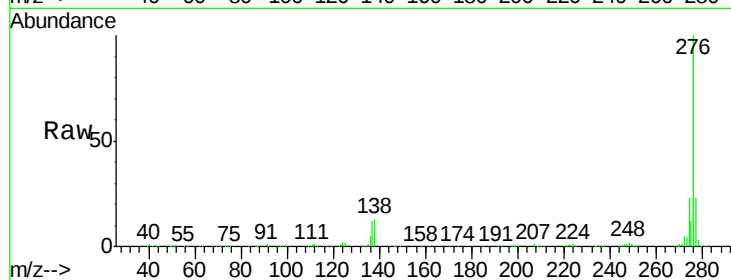
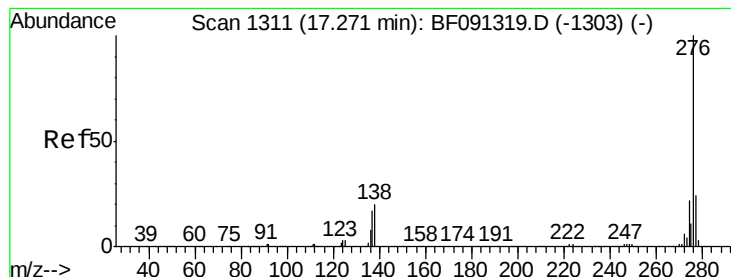
Delta R.T. -0.11 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Tgt Ion:	278	Resp:	786717
Ion	Ratio	Lower	Upper
278	100		
139	12.8	15.1	22.7#
279	23.9	19.0	28.6





#91

Benzo(g,h,i)perylene

Concen: 42.55 ng

RT: 17.21 min Scan# 1306

Delta R.T. -0.10 min

Lab File: BF091472.D

Acq: 7 Dec 2016 16:30

Instrument :

BNA_F

ClientSampleId :

PB95096BS

Tgt Ion:276 Resp: 818774

Ion Ratio Lower Upper

276 100

277 23.1 19.0 28.4

138 13.4 15.4 23.0#

