

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
 Data File : BF091464.D
 Acq On : 6 Dec 2016 17:48
 Operator : UM/SJ
 Sample : PB95074BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95074BS

Quant Time: Dec 07 00:46:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 00:12:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	133174	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	523085	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	304097	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	536363	20.00	ng	0.00
75) Chrysene-d12	13.99	240	397646	20.00	ng	0.00
86) Perylene-d12	15.41	264	342740	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	862141	105.76	ng	0.01
7) Phenol-d6	6.48	99	1252551	124.82	ng	0.01
23) Nitrobenzene-d5	7.41	82	796769	85.36	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	332343	115.44	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1329728	79.17	ng	0.00
78) Terphenyl-d14	12.95	244	1594301	87.14	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	106312	28.83	ng	# 82
3) Pyridine	3.24	79	319482	30.61	ng	# 84
4) n-Nitrosodimethylamine	3.18	42	204679	37.38	ng	95
6) Aniline	6.50	93	248566	18.65	ng	# 71
8) 2-Chlorophenol	6.63	128	340751	38.12	ng	95
9) Benzaldehyde	6.38	77	104412	16.18	ng	95
10) Phenol	6.49	94	497132	42.10	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	338536	40.12	ng	91
12) 1,3-Dichlorobenzene	6.78	146	344810	34.68	ng	96
13) 1,4-Dichlorobenzene	6.86	146	383408	38.77	ng	99
14) 1,2-Dichlorobenzene	7.01	146	331698	36.01	ng	99
15) Benzyl Alcohol	6.98	79	313764	39.07	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	642120	35.40	ng	71
17) 2-Methylphenol	7.10	107	255628	36.18	ng	# 74
18) Hexachloroethane	7.35	117	134621	38.34	ng	# 85
19) n-Nitroso-di-n-propylamine	7.26	70	223636	35.37	ng	# 96
20) 3+4-Methylphenols	7.26	107	346890	40.22	ng	# 66
22) Acetophenone	7.25	105	462139	37.28	ng	# 80
24) Nitrobenzene	7.42	77	368737	38.59	ng	93
25) Isophorone	7.67	82	685112	41.43	ng	96
26) 2-Nitrophenol	7.74	139	152698	35.06	ng	96
27) 2,4-Dimethylphenol	7.78	122	304440	37.37	ng	96
28) bis(2-Chloroethoxy)methane	7.88	93	348645	35.03	ng	100
29) 2,4-Dichlorophenol	7.98	162	258759	36.11	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	317414	39.50	ng	97
31) Naphthalene	8.15	128	960411	38.63	ng	99
32) Benzoic acid	7.90	122	155931	25.97	ng	98
33) 4-Chloroaniline	8.20	127	99507	9.36	ng	99
34) Hexachlorobutadiene	8.26	225	176338	35.69	ng	97
35) Caprolactam	8.57	113	84829	41.18	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	305160	39.44	ng	89
37) 2-Methylnaphthalene	8.84	142	602488	35.67	ng	93
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	332968	38.84	ng	97
40) Hexachlorocyclopentadiene	9.00	237	314303	79.10	ng	99

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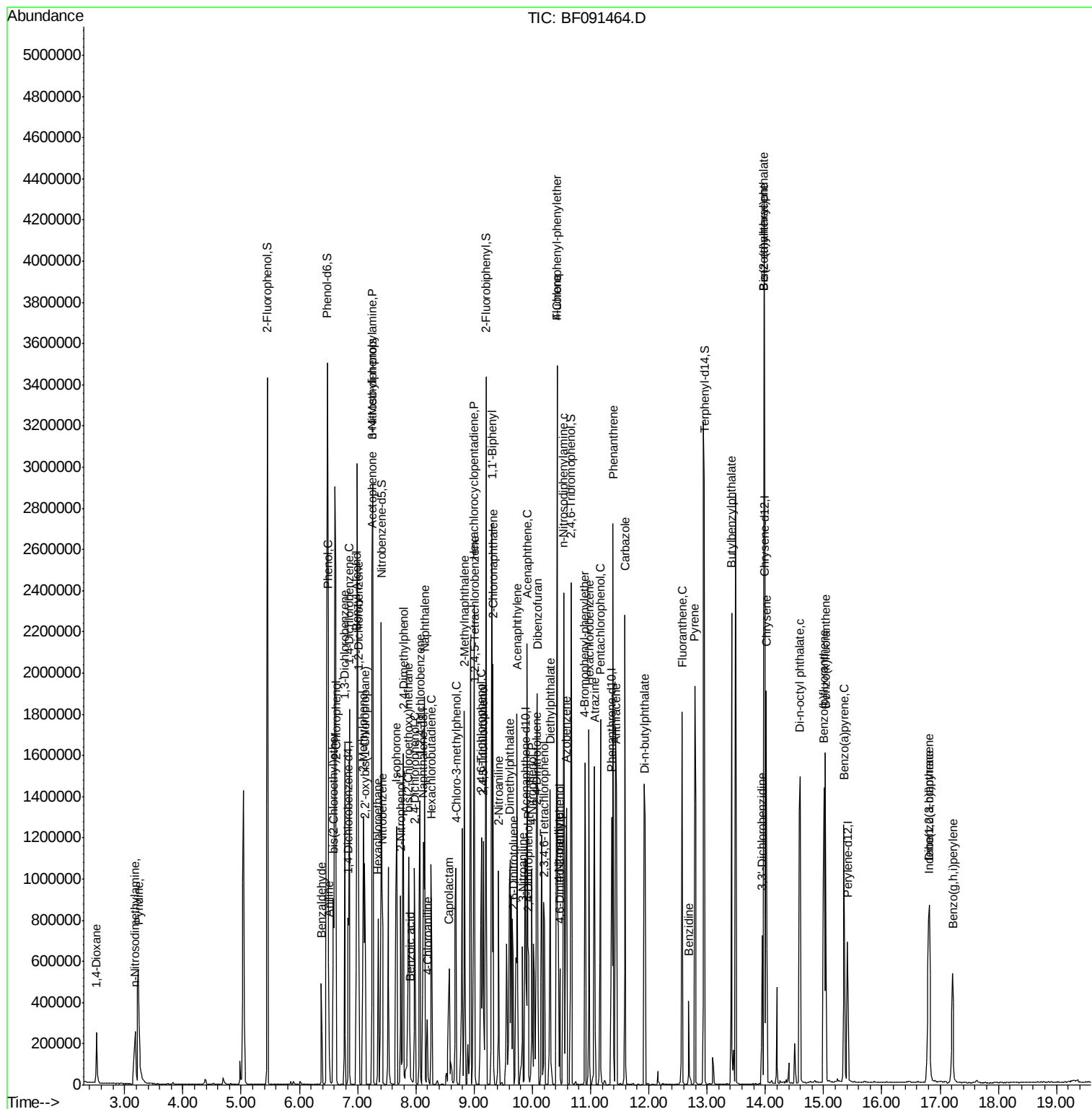
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	218832	39.28	ng	94
43) 2,4,5-Trichlorophenol	9.16	196	198131m	35.49	ng	
45) 1,1'-Biphenyl	9.30	154	825389	37.75	ng	95
46) 2-Chloronaphthalene	9.33	162	595607	36.57	ng	98
47) 2-Nitroaniline	9.42	65	198871	34.00	ng	# 75
48) Acenaphthylene	9.74	152	857629	33.46	ng	99
49) Dimethylphthalate	9.61	163	711516	38.64	ng	99
50) 2,6-Dinitrotoluene	9.67	165	168435	40.93	ng	# 55
51) Acenaphthene	9.91	154	581495	33.63	ng	98
52) 3-Nitroaniline	9.83	138	94037	19.74	ng	99
53) 2,4-Dinitrophenol	9.93	184	66957	37.20	ng	87
54) Dibenzofuran	10.08	168	816256	35.26	ng	98
55) 4-Nitrophenol	9.99	139	163734	47.59	ng	92
56) 2,4-Dinitrotoluene	10.07	165	236929	44.38	ng	99
57) Fluorene	10.42	166	655234	36.86	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.21	232	173714	36.43	ng	95
59) Diethylphthalate	10.31	149	719093	39.56	ng	# 94
60) 4-Chlorophenyl-phenylether	10.42	204	342996	38.48	ng	96
61) 4-Nitroaniline	10.45	138	156294	34.94	ng	97
62) Azobenzene	10.58	77	738071	39.80	ng	96
64) 4,6-Dinitro-2-methylphenol	10.47	198	65520	22.17	ng	# 70
65) n-Nitrosodiphenylamine	10.54	169	593451	36.49	ng	98
66) 4-Bromophenyl-phenylether	10.90	248	212962	36.94	ng	97
67) Hexachlorobenzene	10.97	284	231187	37.11	ng	# 88
68) Atrazine	11.06	200	181814	34.52	ng	99
69) Pentachlorophenol	11.17	266	213859	58.31	ng	99
70) Phenanthrene	11.38	178	1005697	36.08	ng	99
71) Anthracene	11.44	178	1034888	37.41	ng	98
72) Carbazole	11.59	167	890143	35.46	ng	98
73) Di-n-butylphthalate	11.93	149	1082851	38.07	ng	# 98
74) Fluoranthene	12.57	202	1146695	43.44	ng	95
76) Benzidine	12.69	184	146993	12.59	ng	97
77) Pyrene	12.79	202	1114216	36.92	ng	99
79) Butylbenzylphthalate	13.42	149	479015	42.39	ng	98
80) Benzo(a)anthracene	13.98	228	855000	36.77	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	158520	19.35	ng	# 98
82) Chrysene	14.01	228	718301	31.22	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	604712	42.22	ng	98
84) Di-n-octyl phthalate	14.60	149	975956	45.03	ng	95
85) Indeno(1,2,3-cd)pyrene	16.80	276	610968	28.99	ng	# 91
87) Benzo(b)fluoranthene	15.01	252	848295m	39.82	ng	
88) Benzo(k)fluoranthene	15.03	252	677201m	37.80	ng	
89) Benzo(a)pyrene	15.35	252	713876	37.31	ng	# 96
90) Dibenzo(a,h)anthracene	16.81	278	517169	29.23	ng	# 92
91) Benzo(g,h,i)perylene	17.21	276	493592	27.05	ng	96

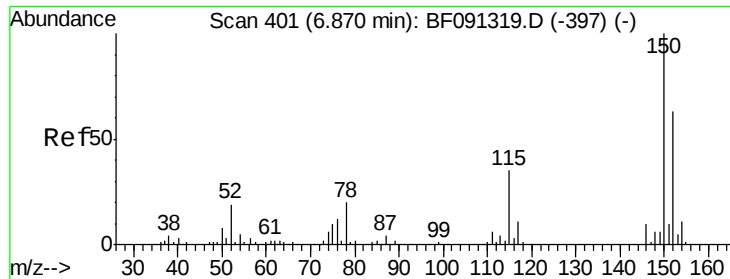
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB95074BS

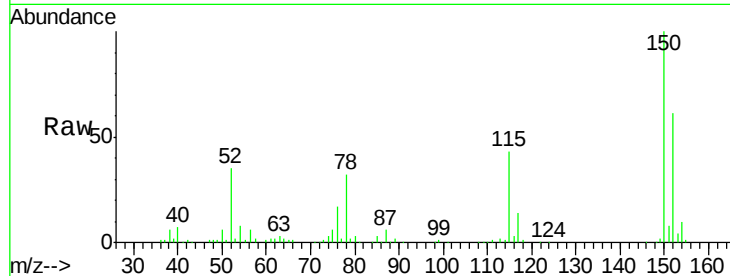
Tgt Ion:152 Resp: 133174

Ion Ratio Lower Upper

152 100

150 164.5 122.5 183.7

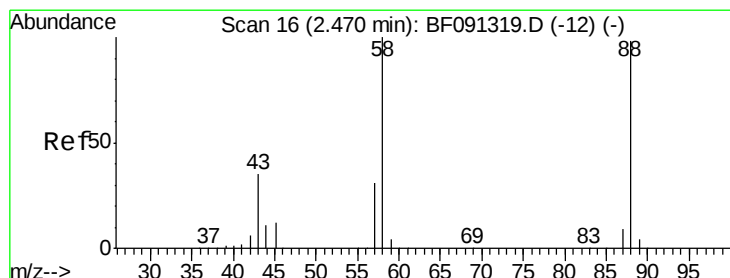
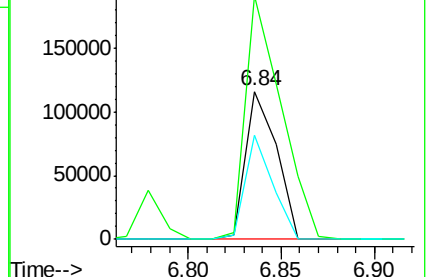
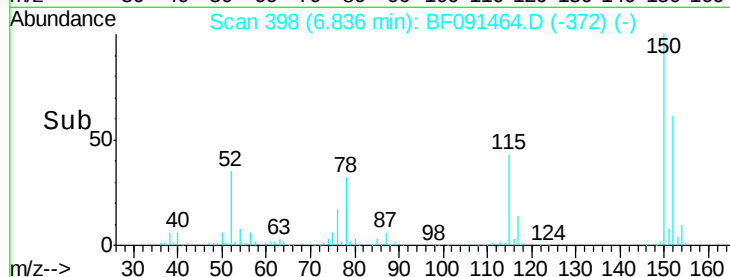
115 70.1 51.8 77.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.83 ng

RT: 2.52 min Scan# 20

Delta R.T. 0.09 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

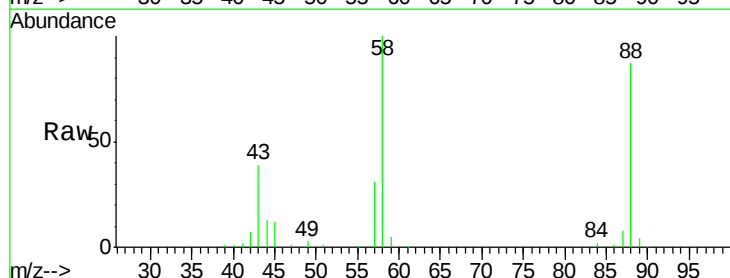
Tgt Ion: 88 Resp: 106312

Ion Ratio Lower Upper

88 100

58 109.3 70.3 105.5#

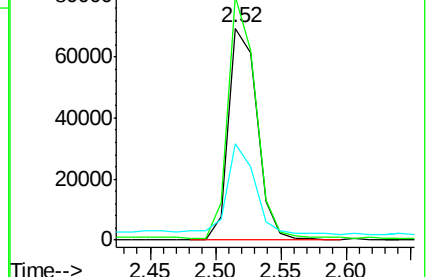
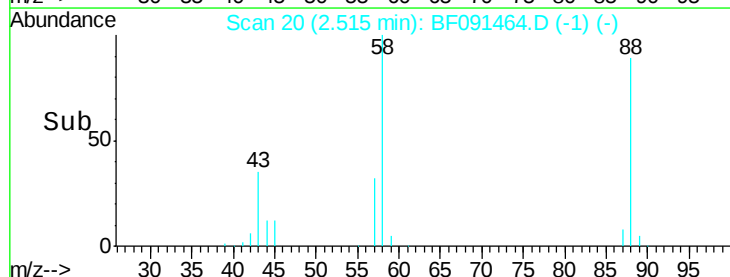
43 43.1 31.3 46.9

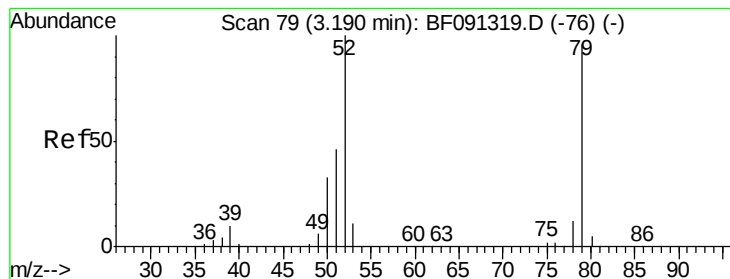


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.61 ng

RT: 3.24 min Scan# 83

Delta R.T. 0.09 min

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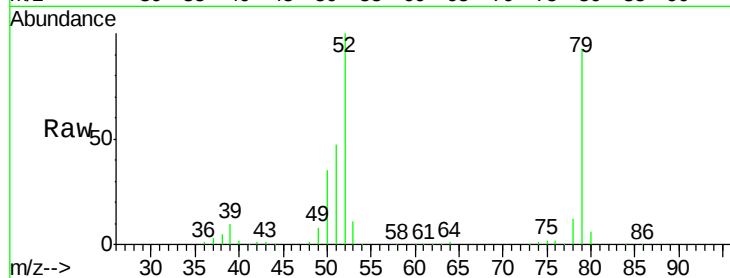
Tgt Ion: 79 Resp: 319482

Ion Ratio Lower Upper

79 100

52 107.9 71.0 106.4#

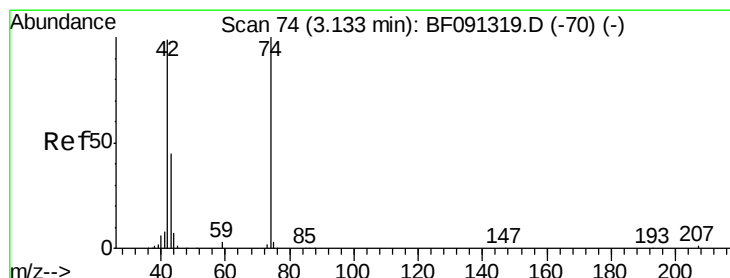
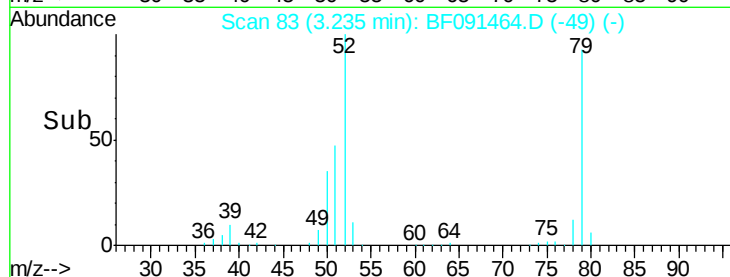
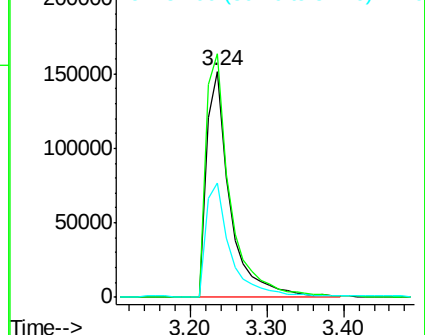
51 50.6 37.0 55.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.38 ng

RT: 3.18 min Scan# 78

Delta R.T. 0.09 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

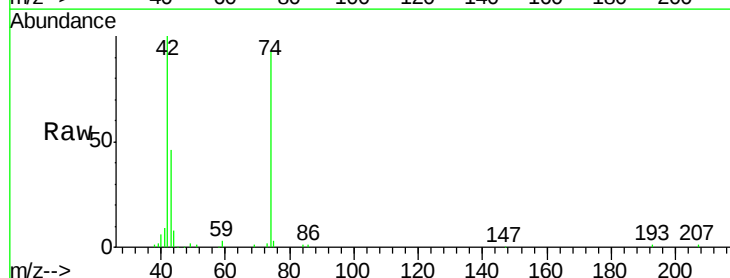
Tgt Ion: 42 Resp: 204679

Ion Ratio Lower Upper

42 100

74 93.1 78.9 118.3

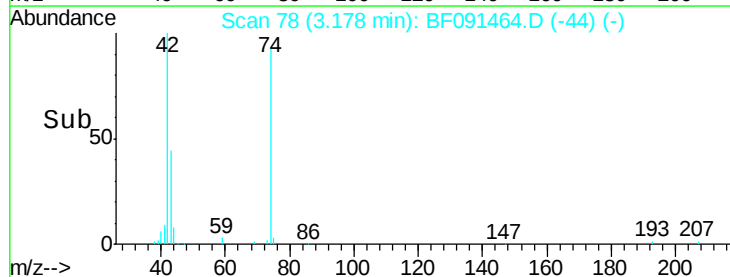
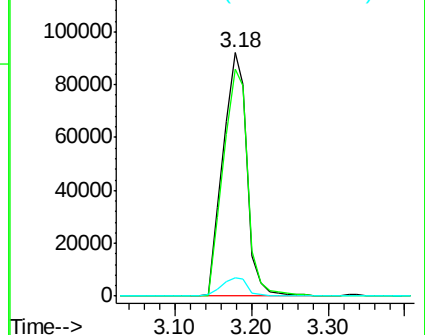
44 7.6 5.8 8.6

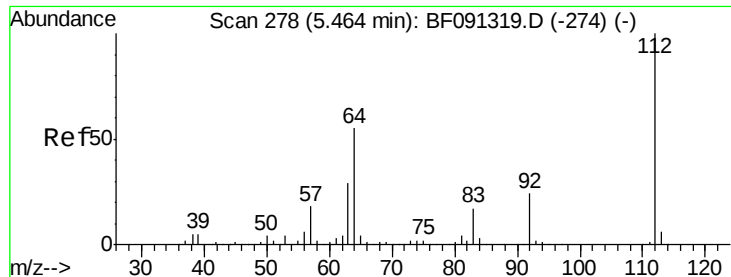


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

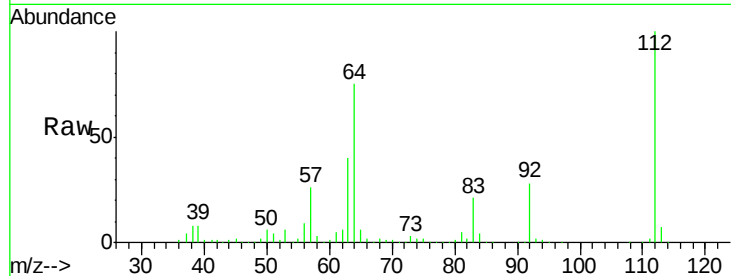




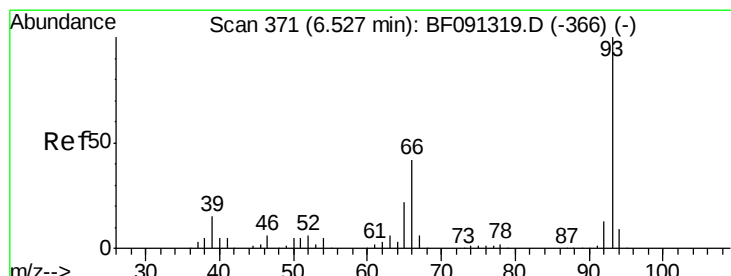
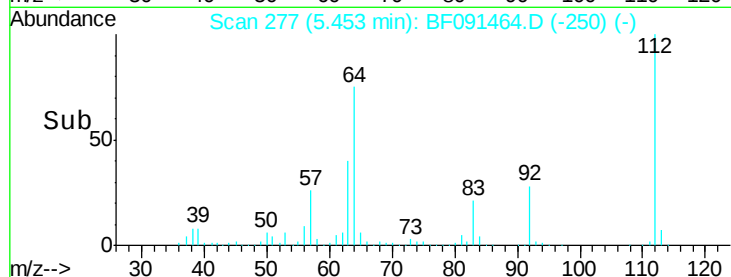
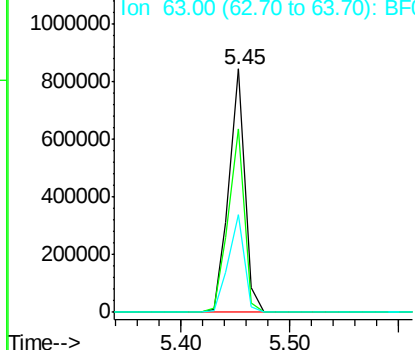
#5
 2-Fluorophenol
 Concen: 105.76 ng
 RT: 5.45 min Scan# 277
 Delta R.T. 0.01 min
 Lab File: BF091464.D
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Tgt Ion: 112 Resp: 862141
 Ion Ratio Lower Upper
 112 100
 64 75.5 61.5 92.3
 63 40.3 33.3 49.9

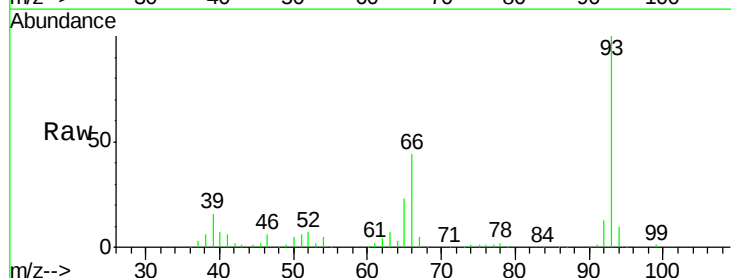


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

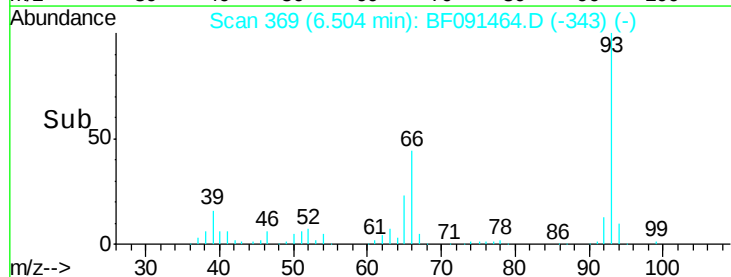
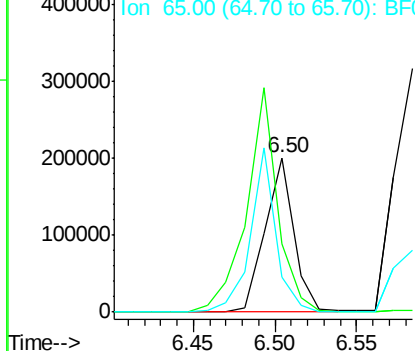


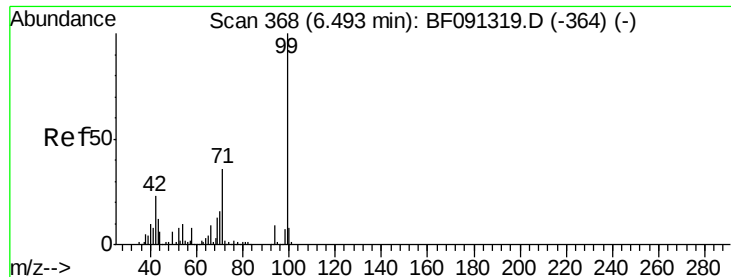
#6
 Aniline
 Concen: 18.65 ng
 RT: 6.50 min Scan# 369
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Tgt Ion: 93 Resp: 248566
 Ion Ratio Lower Upper
 93 100
 66 43.8 55.8 83.6#
 65 22.8 29.9 44.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 66.00 (65.70 to 66.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.82 ng

RT: 6.48 min Scan# 367

Delta R.T. 0.01 min

Lab File: BF091464.D

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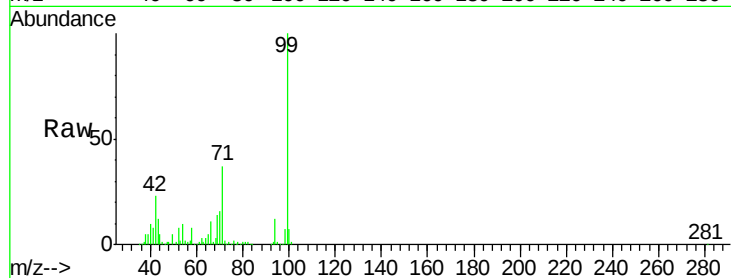
Tgt Ion: 99 Resp: 1252551

Ion Ratio Lower Upper

99 100

42 23.0 20.6 31.0

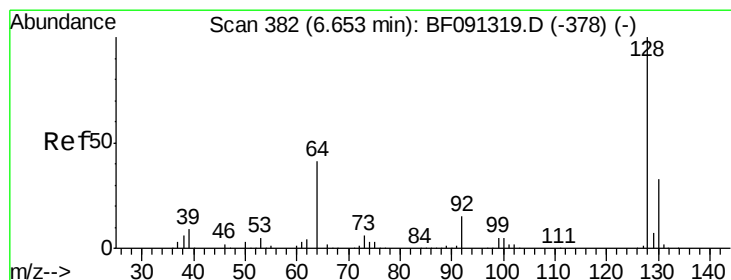
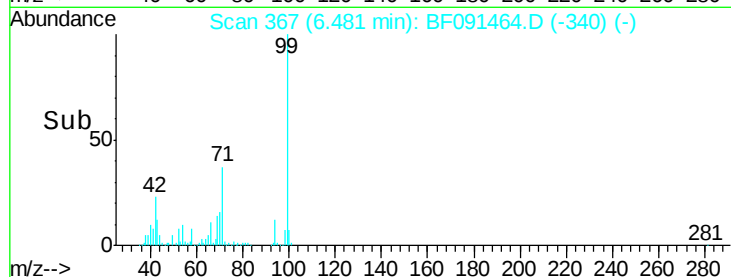
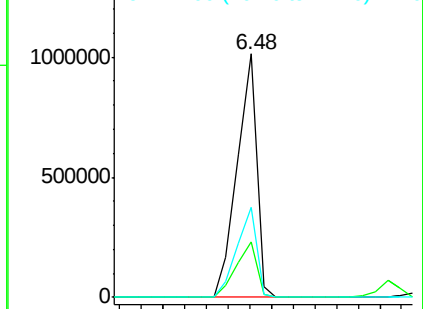
71 37.2 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.12 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.00 min

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Acq: 6 Dec 2016 17:48

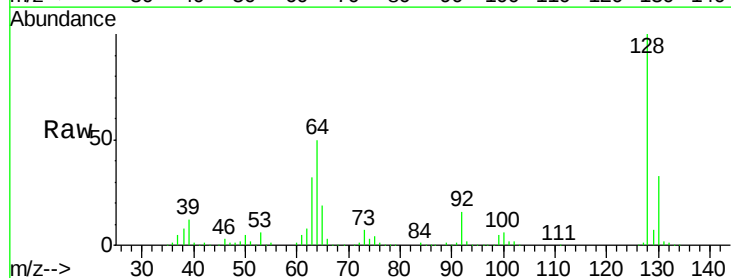
Tgt Ion: 128 Resp: 340751

Ion Ratio Lower Upper

128 100

130 33.0 13.1 53.1

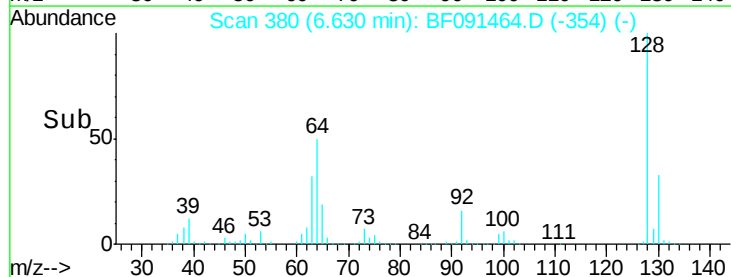
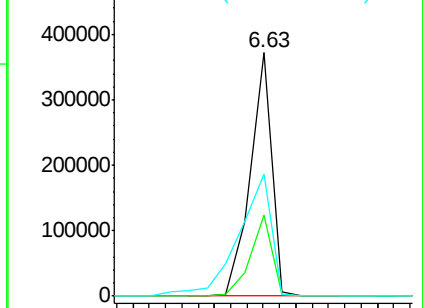
64 49.9 24.1 64.1

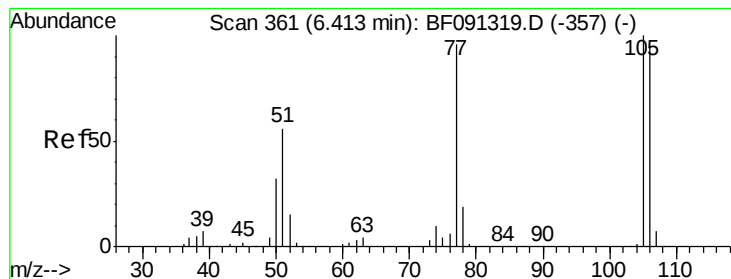


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.18 ng

RT: 6.38 min Scan# 358

Delta R.T. -0.01 min

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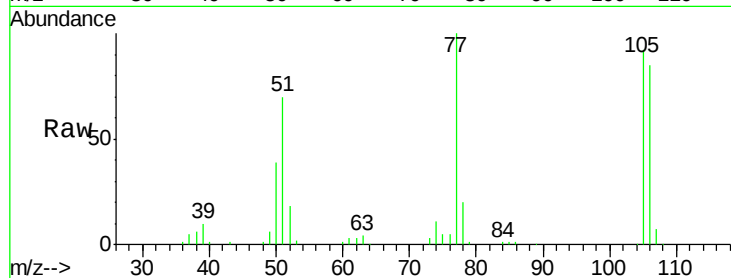
Tgt Ion: 77 Resp: 104412

Ion Ratio Lower Upper

77 100

105 91.8 66.4 106.4

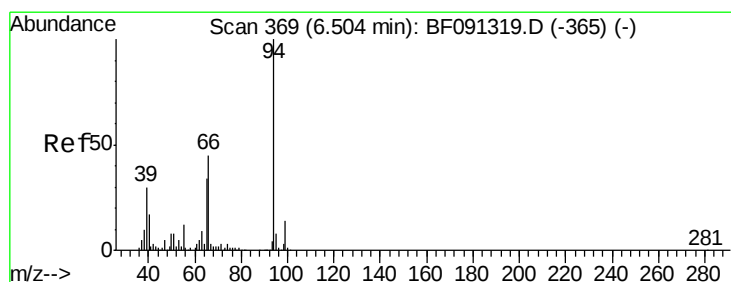
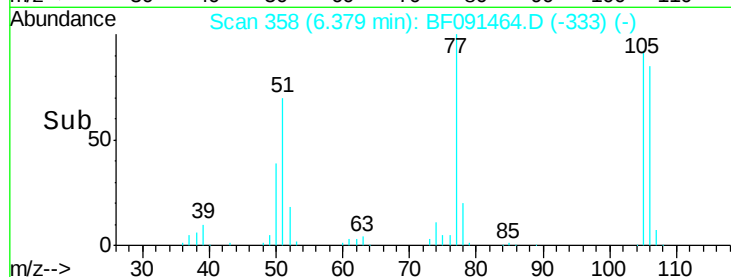
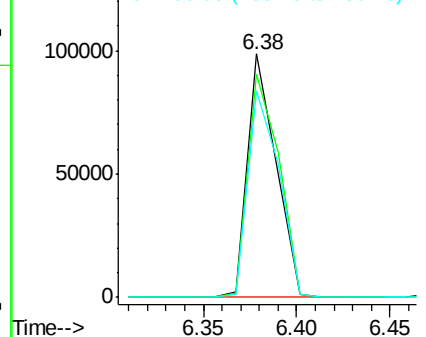
106 84.8 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.10 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

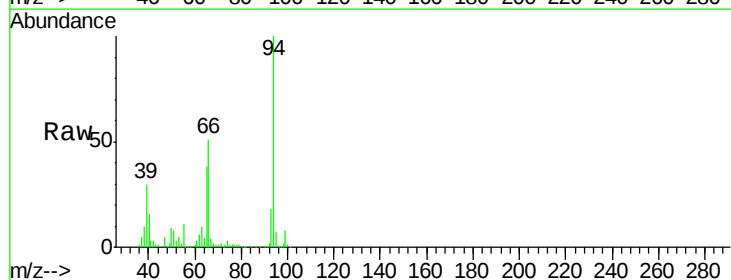
Tgt Ion: 94 Resp: 497132

Ion Ratio Lower Upper

94 100

65 37.6 16.9 56.9

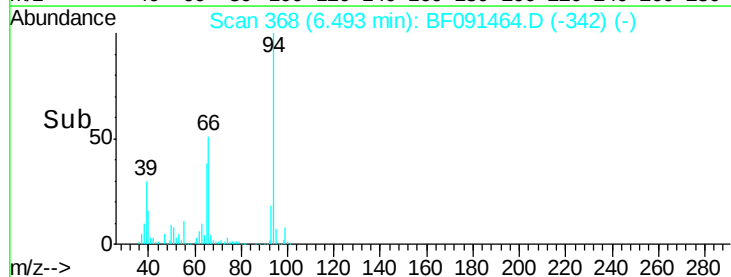
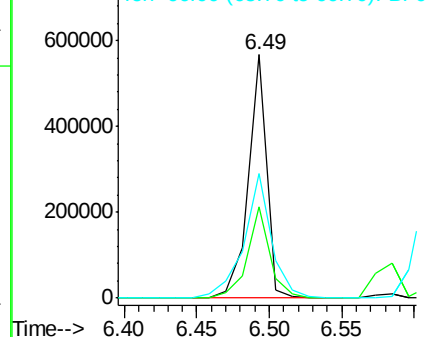
66 51.4 30.6 70.6

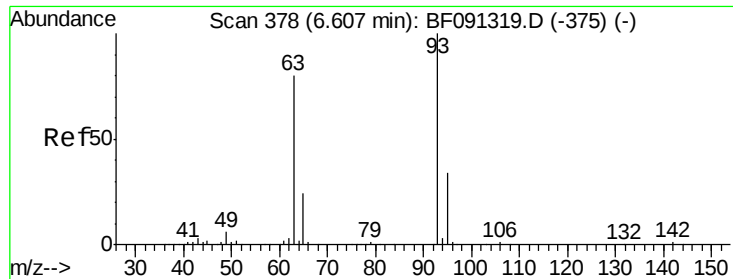


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

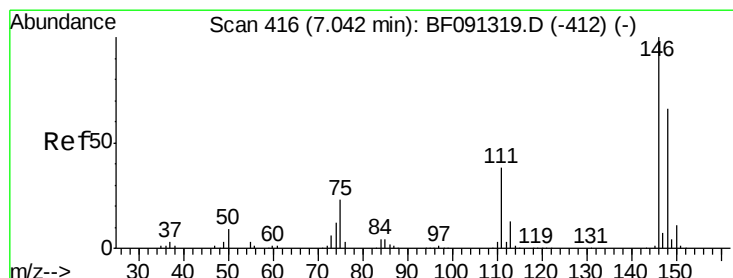
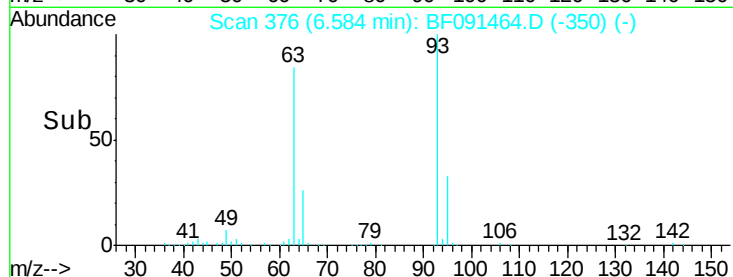
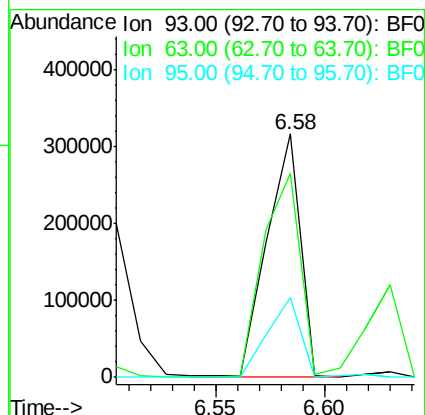
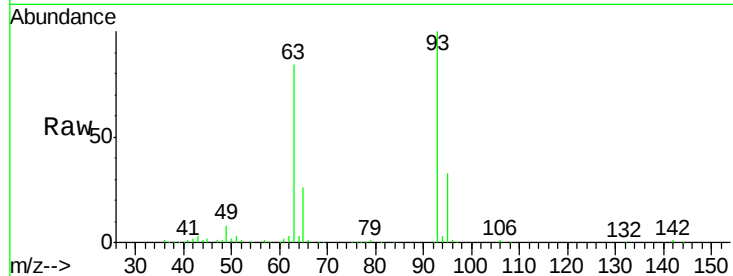




#11
 bis(2-Chloroethyl)ether
 Concen: 40.12 ng
 RT: 6.58 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

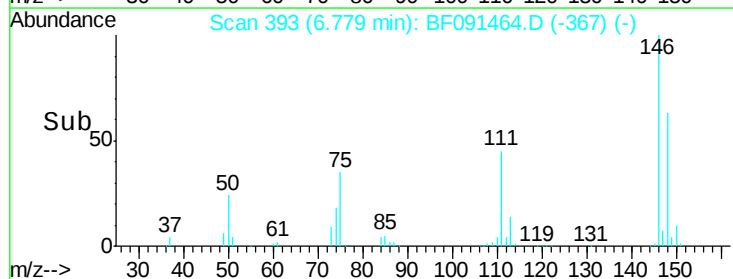
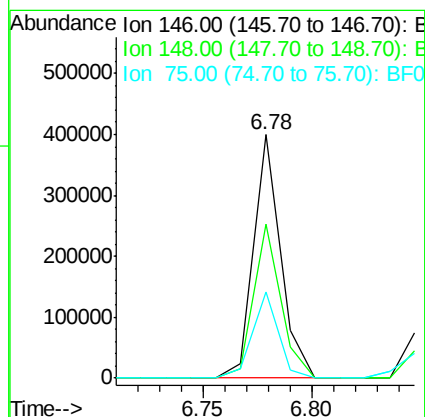
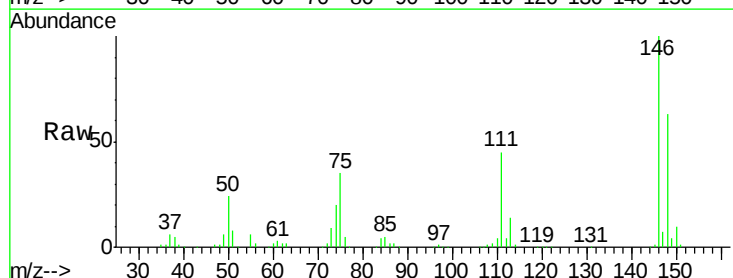
Instrument :
 BNA_F
 ClientSampleId :
 PB95074BS

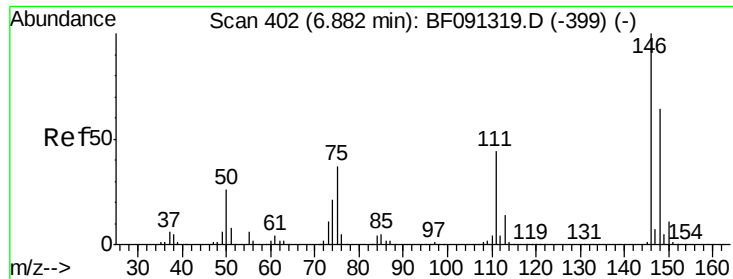
Tgt Ion: 93 Resp: 338536
 Ion Ratio Lower Upper
 93 100
 63 83.7 74.8 114.8
 95 32.6 12.4 52.4



#12
 1,3-Dichlorobenzene
 Concen: 34.68 ng
 RT: 6.78 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Tgt Ion: 146 Resp: 344810
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.4 77.0
 75 35.4 23.6 35.4

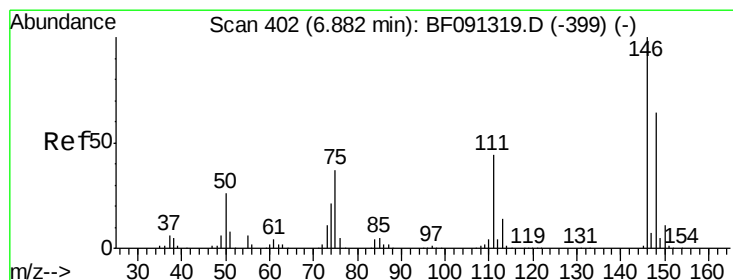
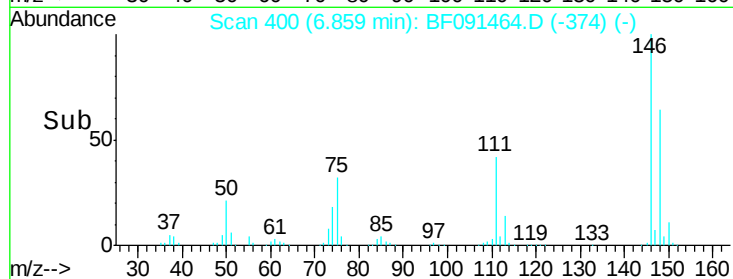
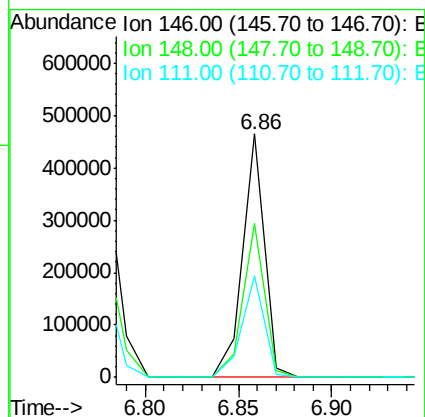
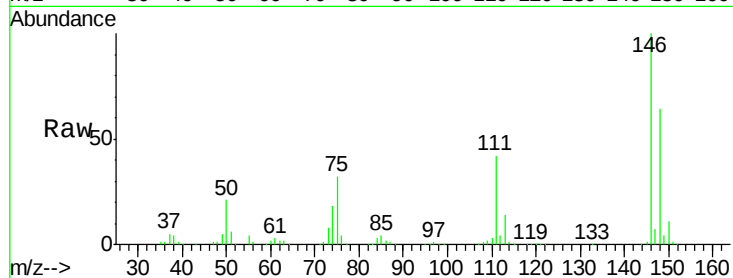




#13
 1,4-Dichlorobenzene
 Concen: 38.77 ng
 RT: 6.86 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

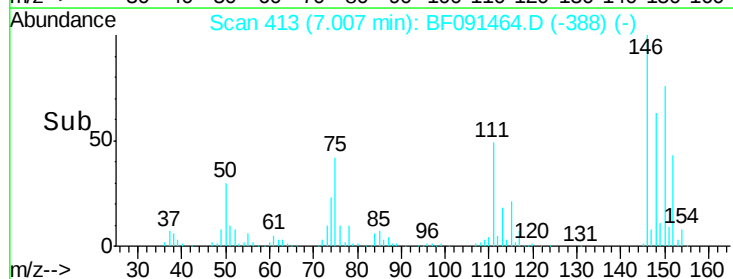
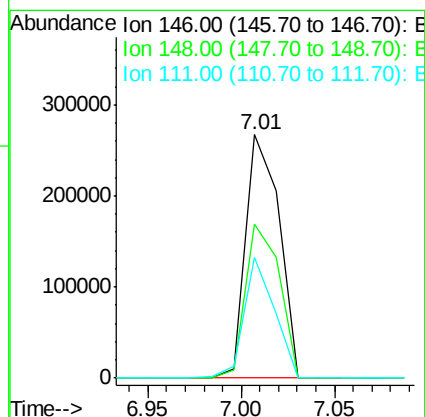
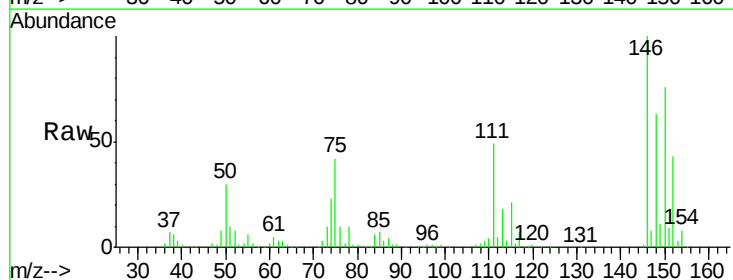
Instrument :
 BNA_F
 ClientSampleId :
 PB95074BS

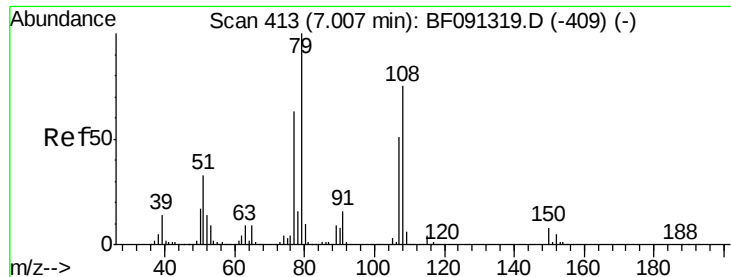
Tgt Ion:146 Resp: 383408
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.4 77.0
 111 41.5 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 36.01 ng
 RT: 7.01 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Tgt Ion:146 Resp: 331698
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.0 76.6
 111 49.4 38.9 58.3





#15

Benzyl Alcohol

Concen: 39.07 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB95074BS

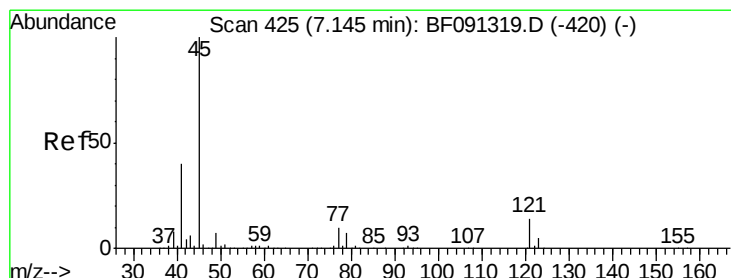
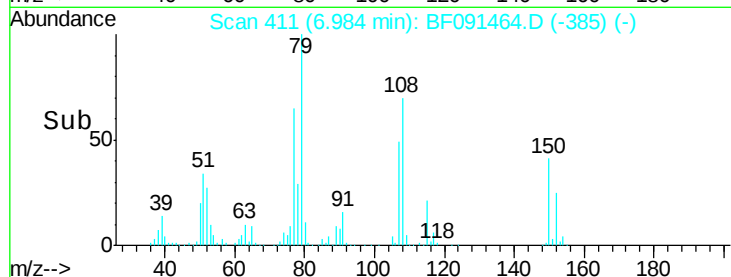
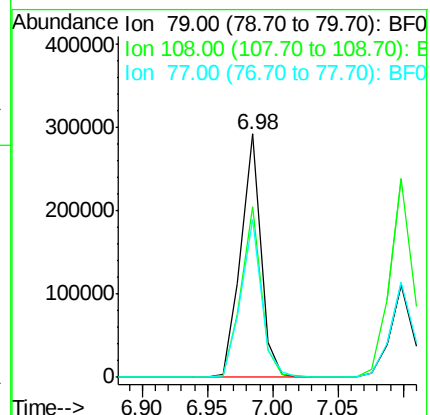
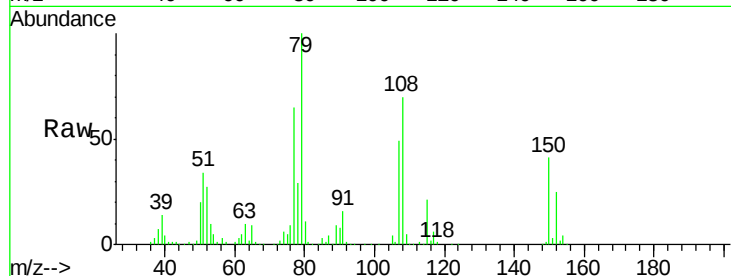
Tgt Ion: 79 Resp: 313764

Ion Ratio Lower Upper

79 100

108 70.0 62.7 94.1

77 64.7 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.40 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

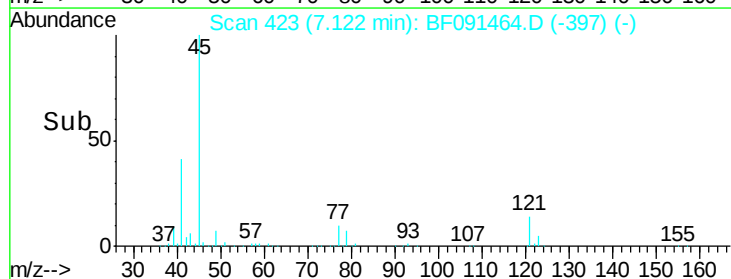
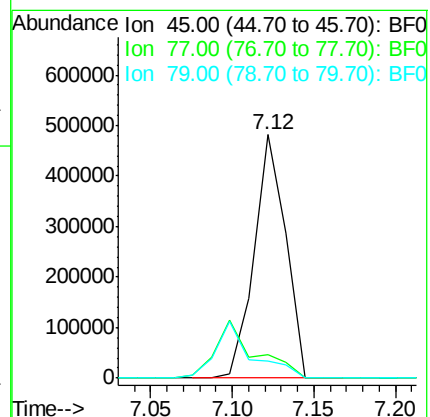
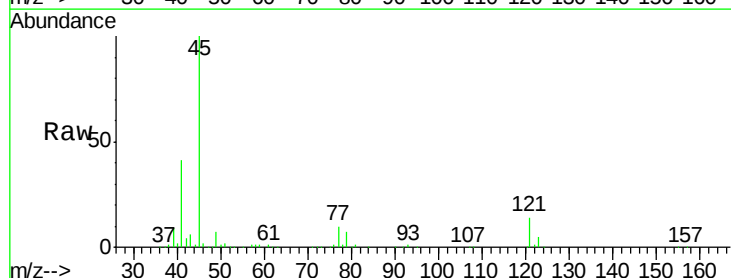
Tgt Ion: 45 Resp: 642120

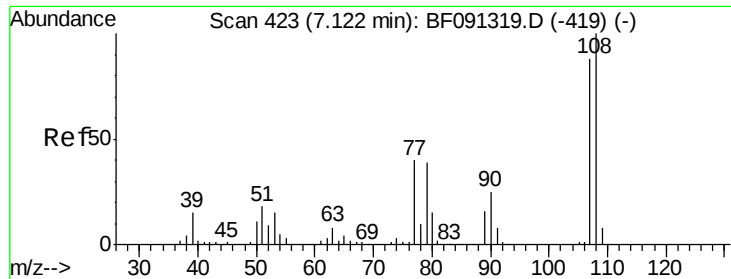
Ion Ratio Lower Upper

45 100

77 9.7 3.8 43.8

79 7.2 0.2 40.2

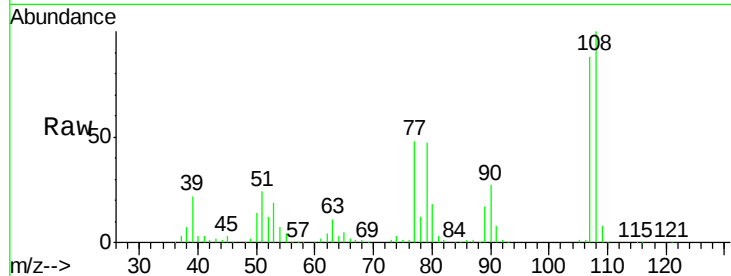




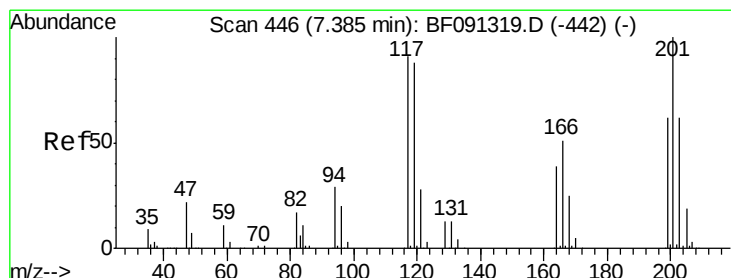
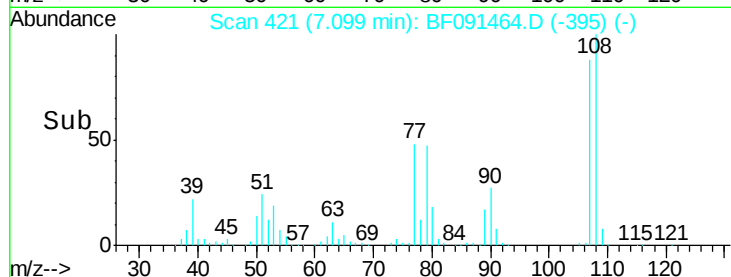
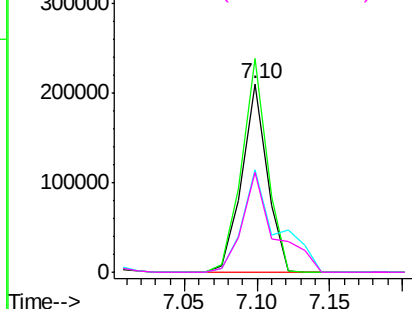
#17
2-Methylphenol
Concen: 36.18 ng
RT: 7.10 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF091464.D
Acq: 6 Dec 2016 17:48

Instrument :
BNA_F
ClientSampleId :
PB95074BS

Tgt Ion:107 Resp: 255628
Ion Ratio Lower Upper
107 100
108 113.4 67.7 101.5#
77 54.5 40.7 61.1
79 53.1 23.4 35.2#

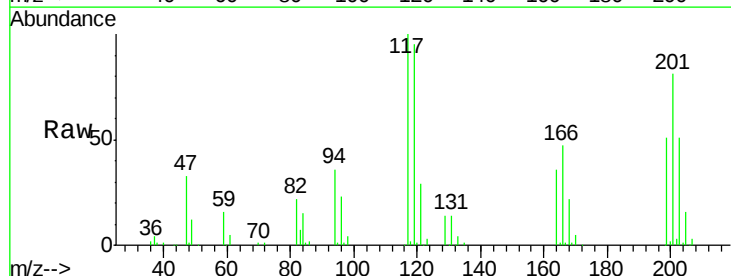


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

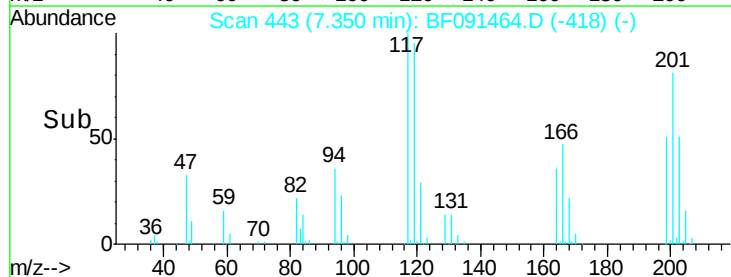
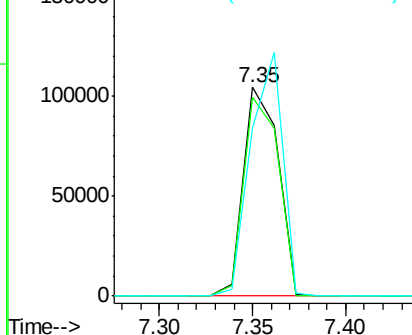


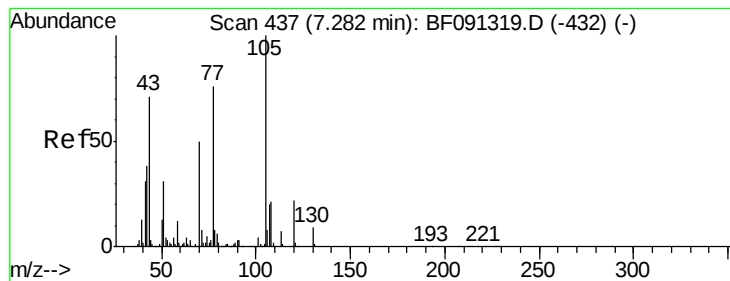
#18
Hexachloroethane
Concen: 38.34 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF091464.D
Acq: 6 Dec 2016 17:48

Tgt Ion:117 Resp: 134621
Ion Ratio Lower Upper
117 100
119 95.3 78.6 118.0
201 80.7 86.7 130.1#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.37 ng

RT: 7.26 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB95074BS

Tgt Ion: 70 Resp: 223636

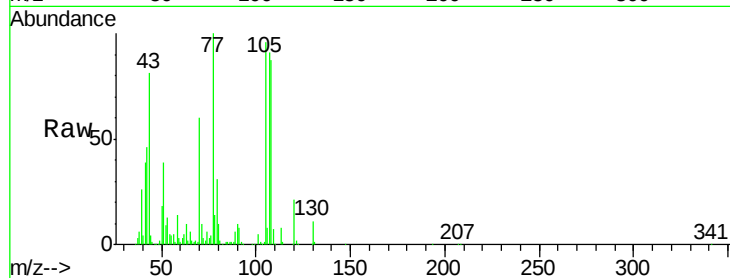
Ion Ratio Lower Upper

70 100

42 77.8 64.8 97.2

101 9.0 6.2 9.4

130 18.2 11.7 17.5#



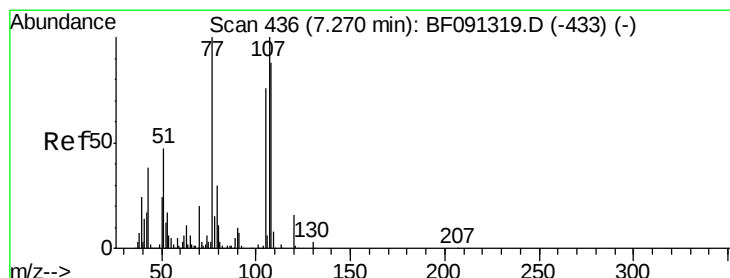
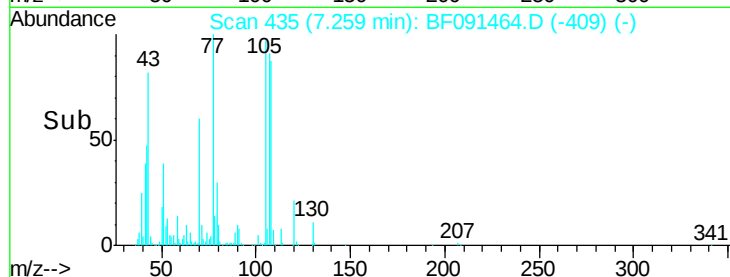
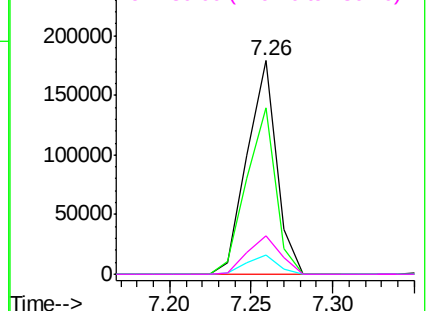
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 40.22 ng

RT: 7.26 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

Tgt Ion: 107 Resp: 346890

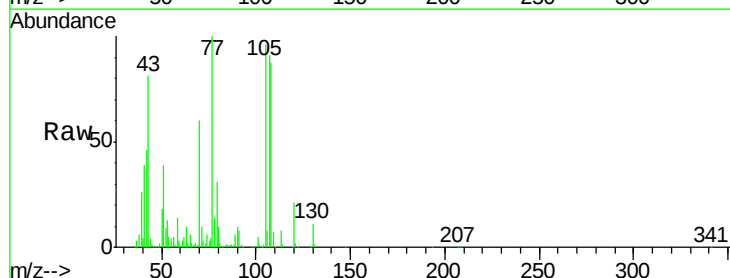
Ion Ratio Lower Upper

107 100

108 95.4 64.6 104.6

77 110.1 30.9 70.9#

79 33.8 9.3 49.3



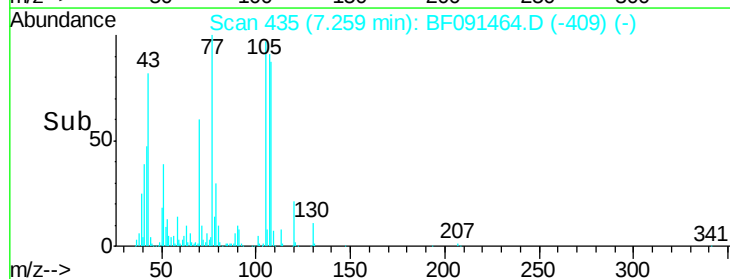
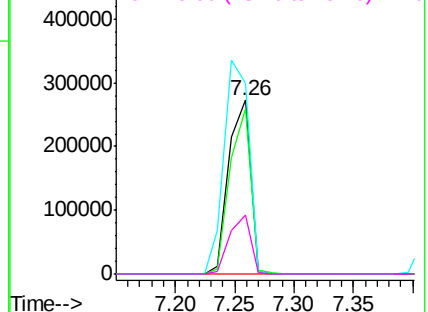
Abundance

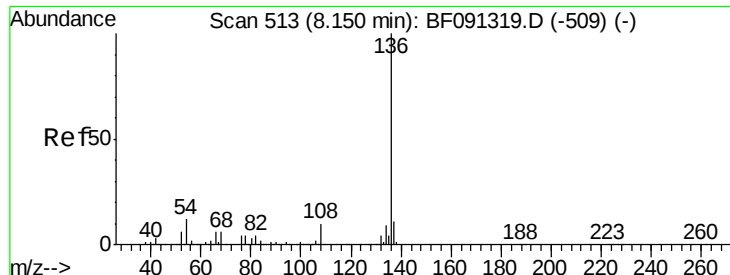
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

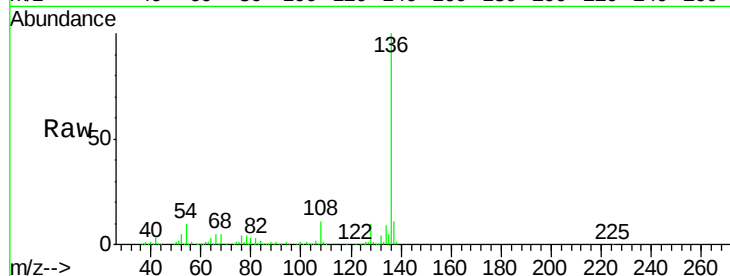




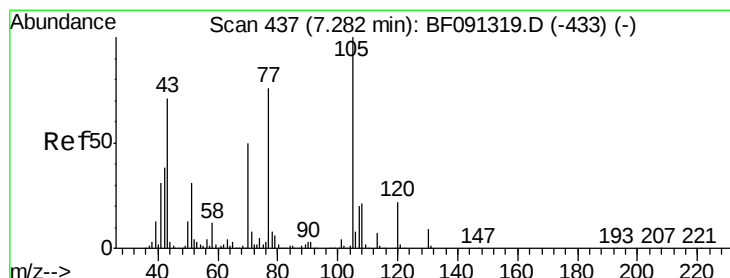
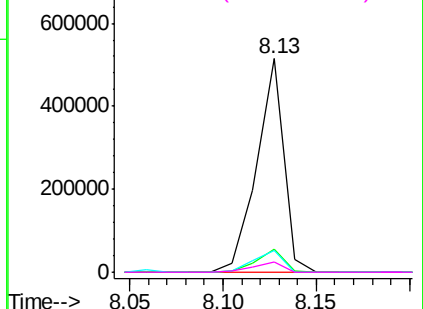
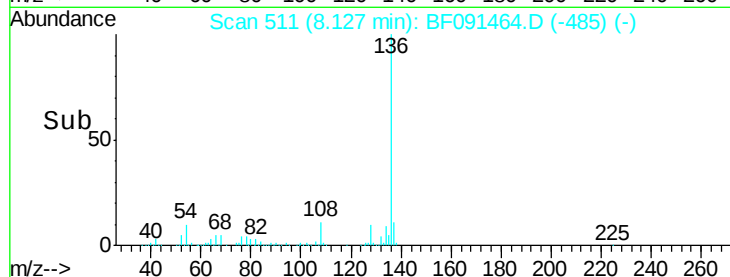
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF091464.D
Acq: 6 Dec 2016 17:48

Instrument :
BNA_F
ClientSampleId :
PB95074BS

Tgt Ion:	136	Resp:	523085
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.1	13.7
54	10.1	9.1	13.7
68	4.7	5.9	8.9#

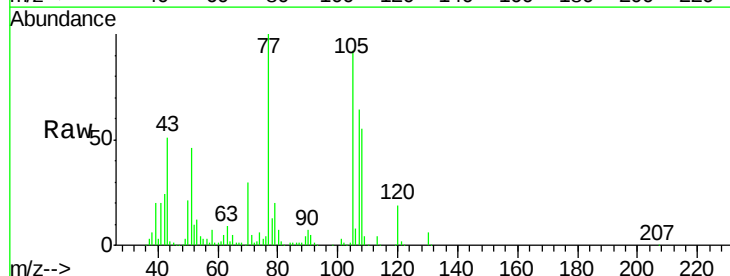


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

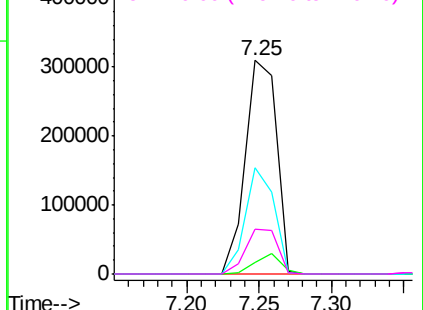
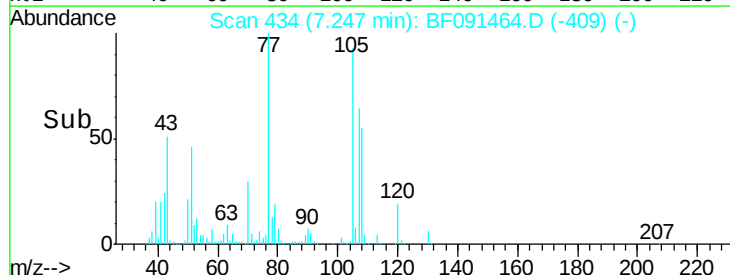


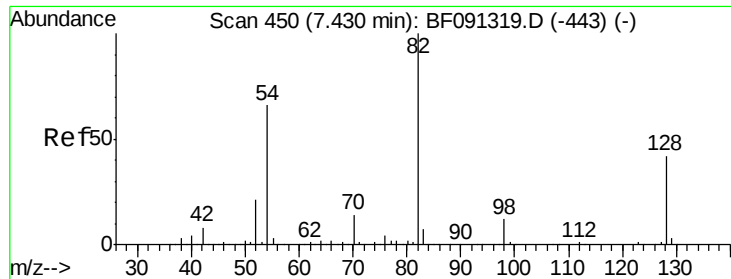
#22
Acetophenone
Concen: 37.28 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091464.D
Acq: 6 Dec 2016 17:48

Tgt Ion:	105	Resp:	462139
Ion Ratio	Lower	Upper	
105	100		
71	5.2	7.9	11.9#
51	49.6	24.5	36.7#
120	20.8	16.6	24.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

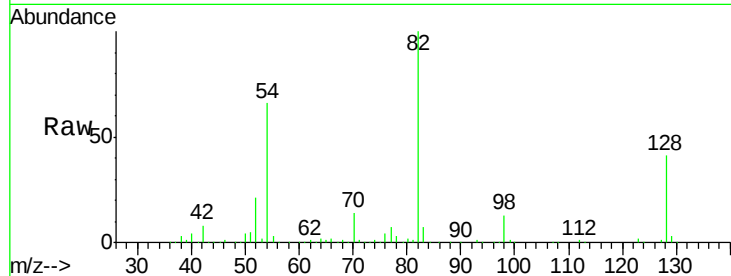




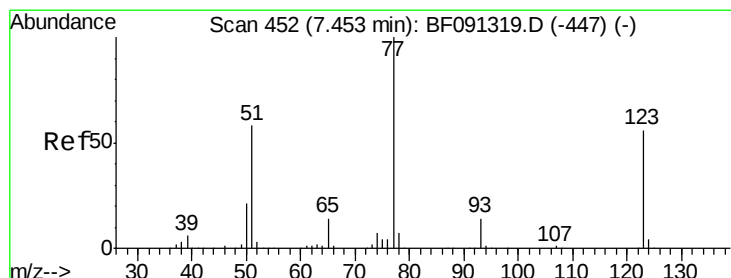
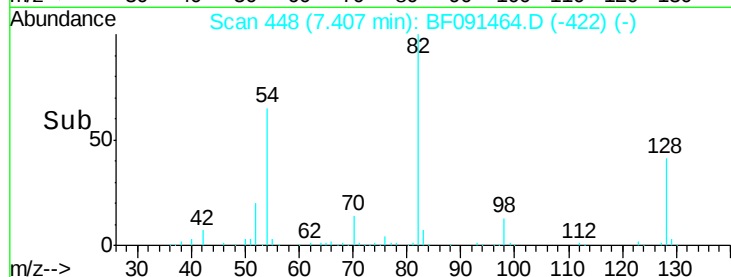
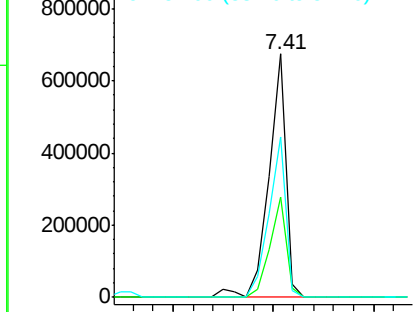
#23
 Nitrobenzene-d5
 Concen: 85.36 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB95074BS

Tgt Ion: 82 Resp: 796769
 Ion Ratio Lower Upper
 82 100
 128 41.1 31.8 47.6
 54 65.9 49.1 73.7

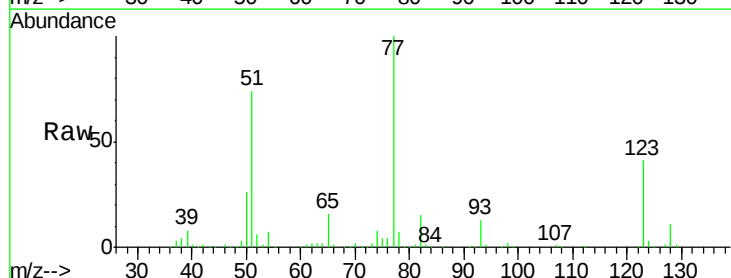


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

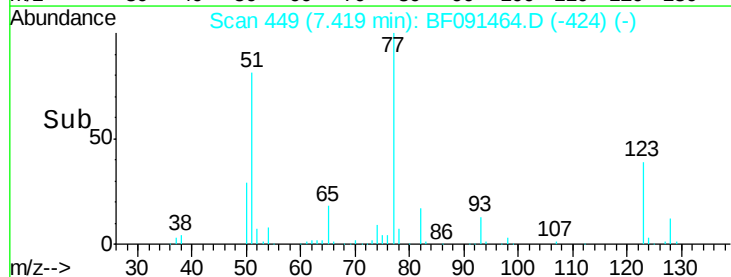
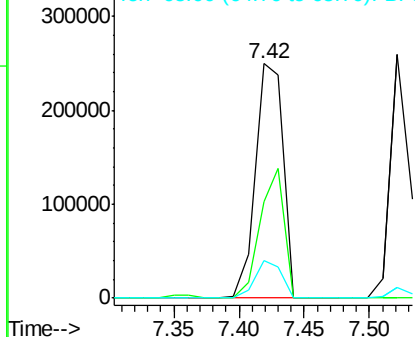


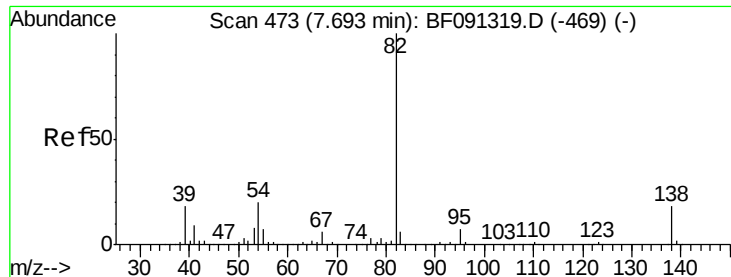
#24
 Nitrobenzene
 Concen: 38.59 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Tgt Ion: 77 Resp: 368737
 Ion Ratio Lower Upper
 77 100
 123 41.1 28.5 42.7
 65 16.2 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: 41.43 ng

RT: 7.67 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB95074BS

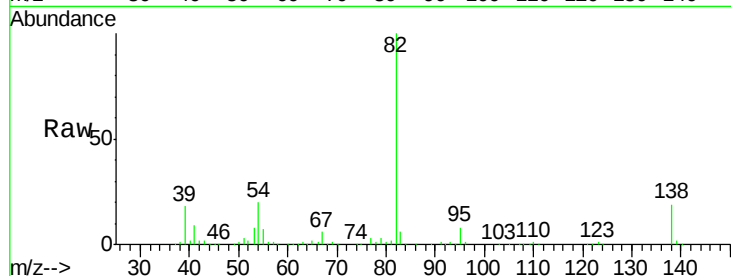
Tgt Ion: 82 Resp: 685112

Ion Ratio Lower Upper

82 100

95 7.7 5.7 8.5

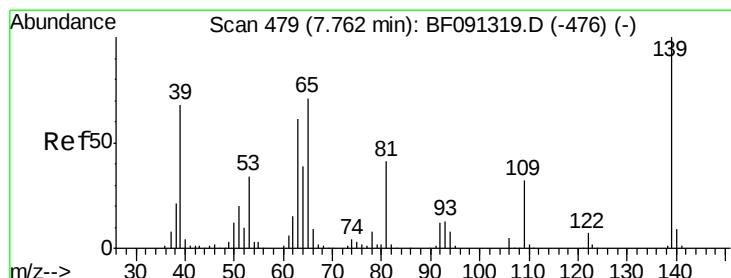
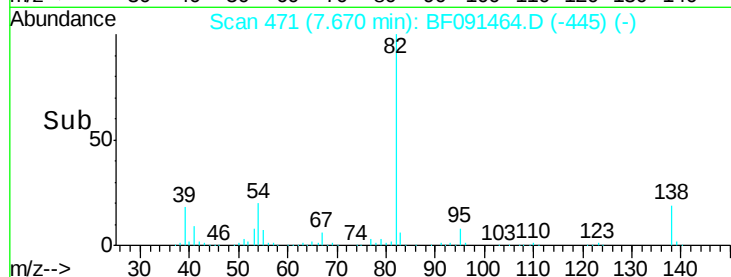
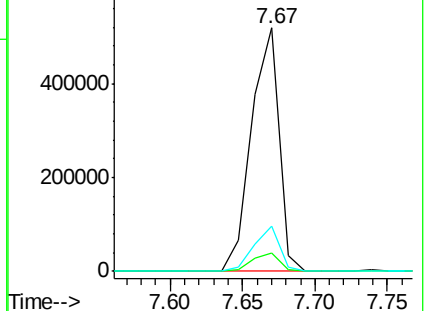
138 18.8 13.4 20.0



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: 35.06 ng

RT: 7.74 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

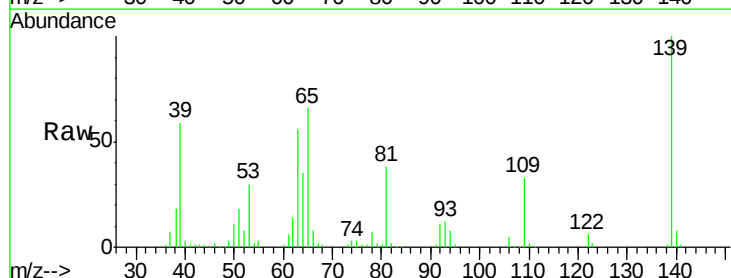
Tgt Ion: 139 Resp: 152698

Ion Ratio Lower Upper

139 100

109 32.5 25.3 37.9

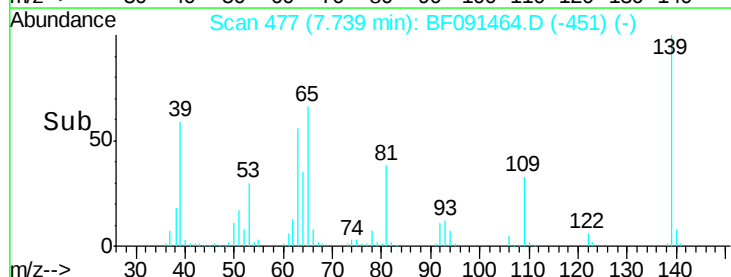
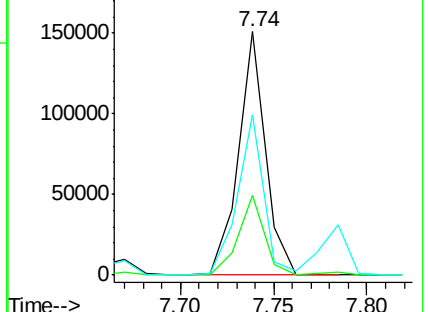
65 65.6 55.4 83.2

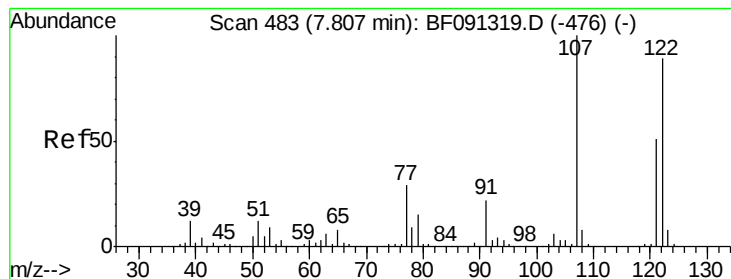


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

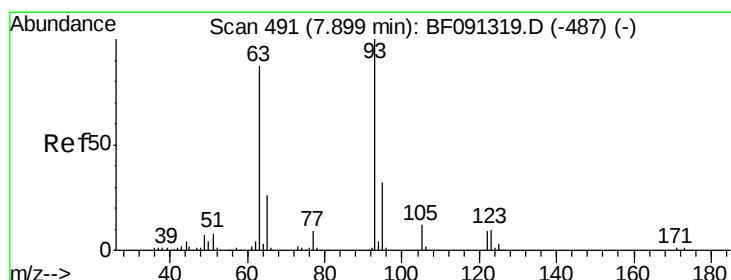
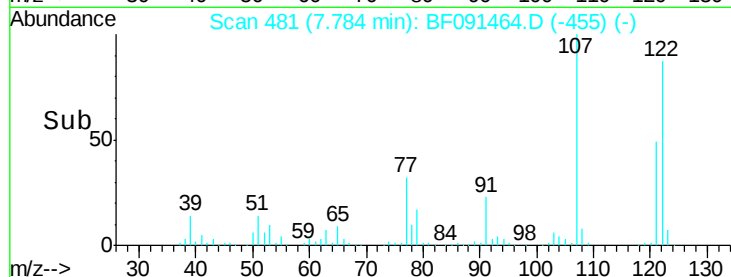
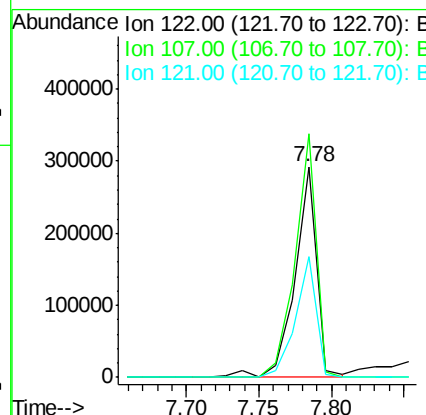
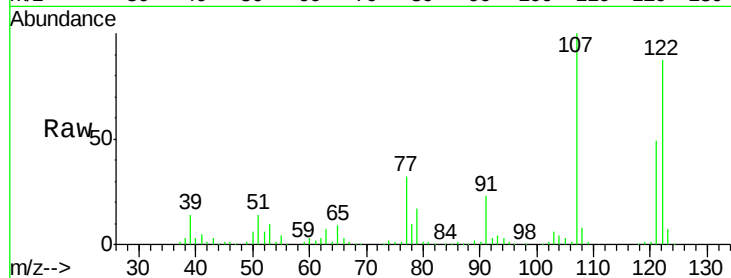




#27
 2,4-Dimethylphenol
 Concen: 37.37 ng
 RT: 7.78 min Scan# 481
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

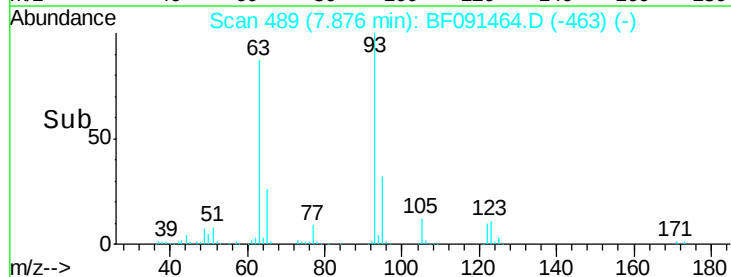
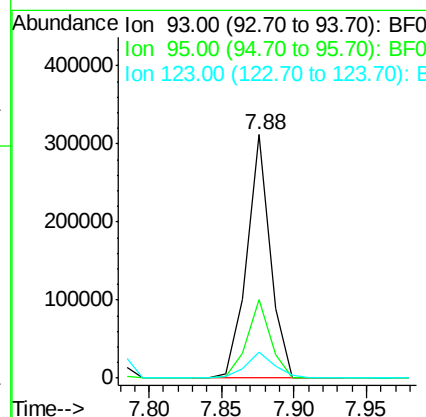
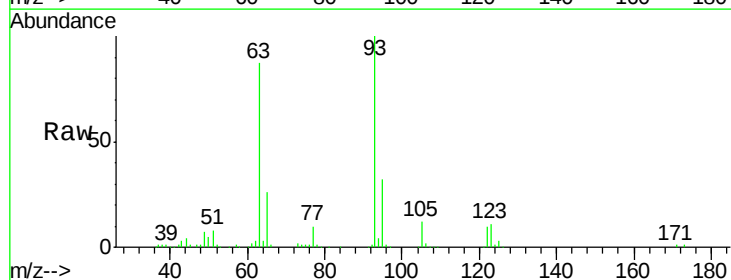
Instrument :
 BNA_F
 ClientSampleId :
 PB95074BS

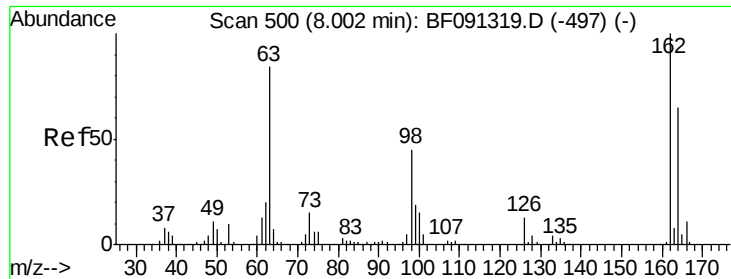
Tgt Ion: 122 Resp: 304440
 Ion Ratio Lower Upper
 122 100
 107 115.4 96.8 145.2
 121 57.0 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.03 ng
 RT: 7.88 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Tgt Ion: 93 Resp: 348645
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.0 39.0
 123 10.5 8.6 12.8

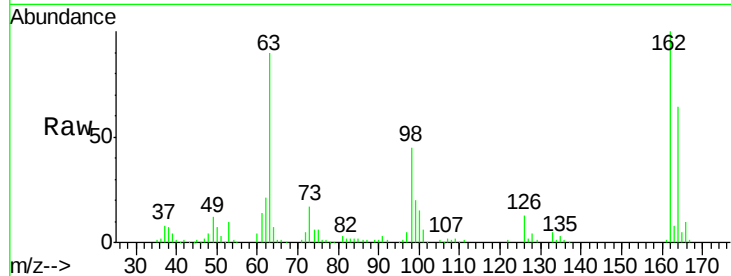




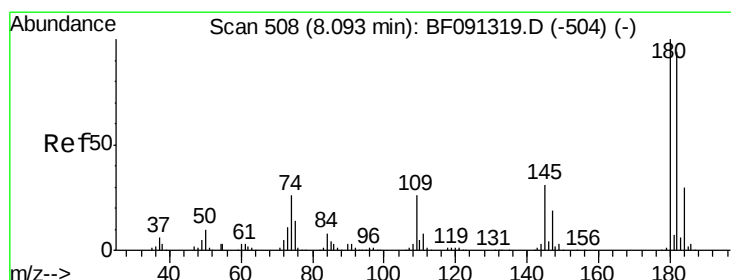
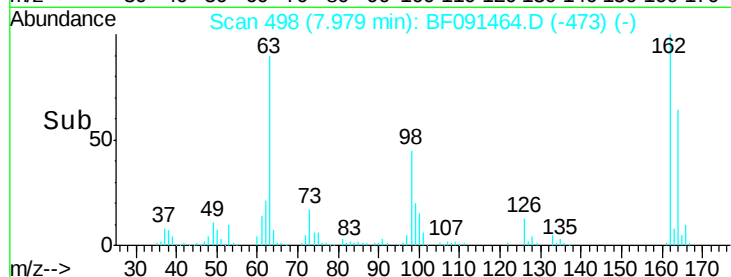
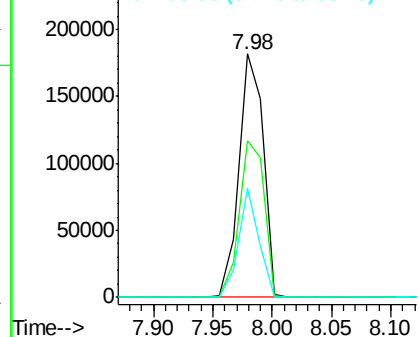
#29
 2,4-Dichlorophenol
 Concen: 36.11 ng
 RT: 7.98 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Instrument :
 BNA_F
 ClientSampleID :
 PB95074BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.0	85.0
98	45.1	21.3	61.3

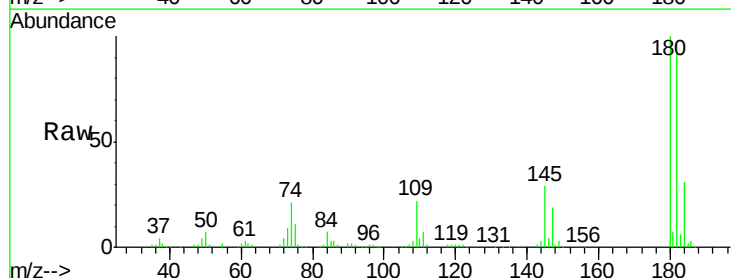


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

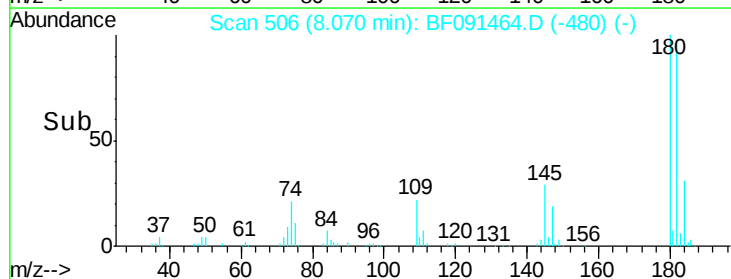
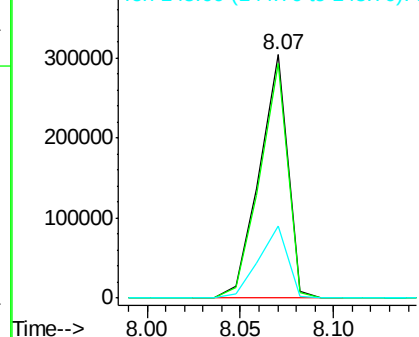


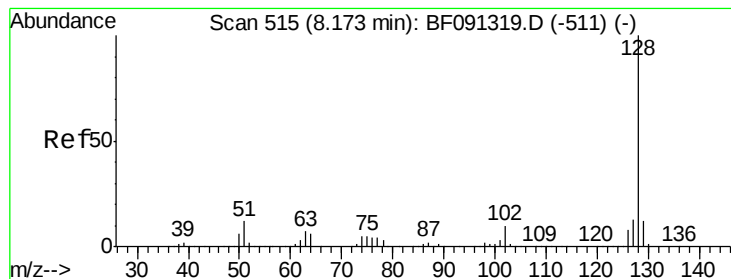
#30
 1,2,4-Trichlorobenzene
 Concen: 39.50 ng
 RT: 8.07 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.8	113.8
145	29.4	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: 38.63 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB95074BS

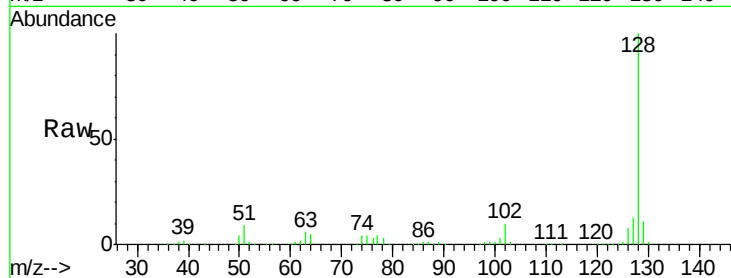
Tgt Ion:128 Resp: 960411

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

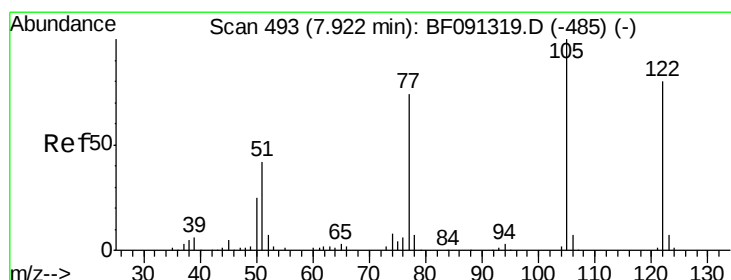
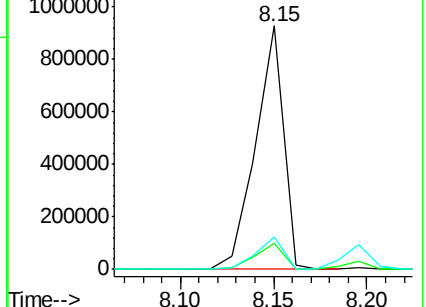
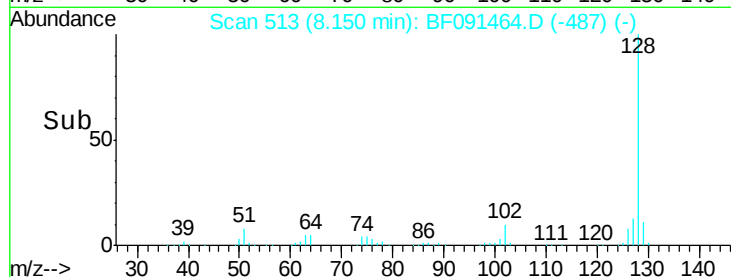
127 13.3 11.0 16.4



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: 25.97 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

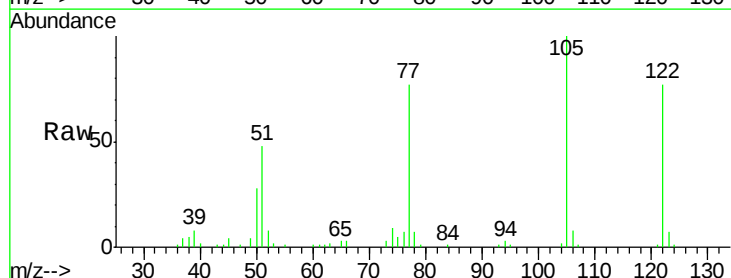
Tgt Ion:122 Resp: 155931

Ion Ratio Lower Upper

122 100

105 129.7 113.0 153.0

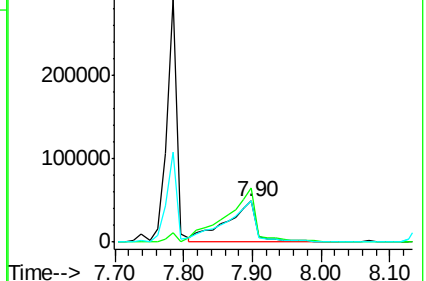
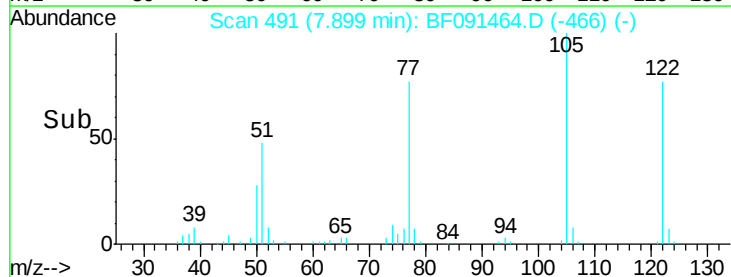
77 100.4 82.0 122.0

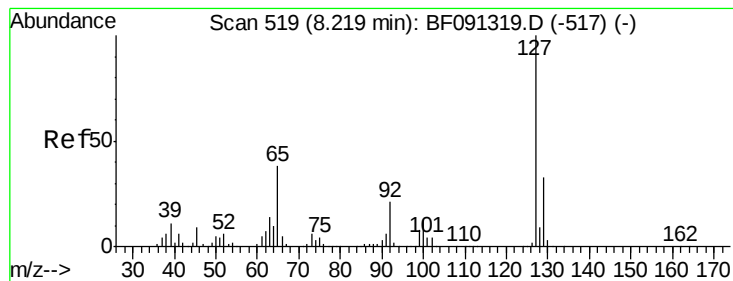


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.36 ng

RT: 8.20 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

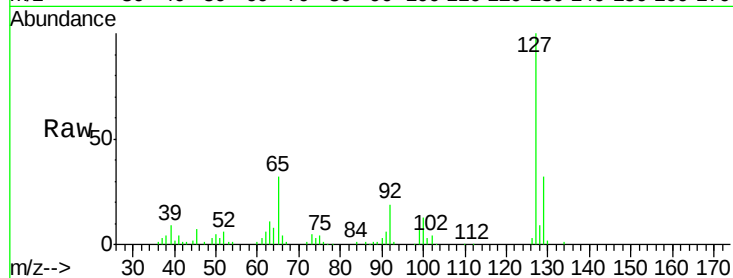
Instrument :

BNA_F

ClientSampleId :

PB95074BS

Tgt Ion:	127	Resp:	99507
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	31.9	26.6	39.8
92	19.3	15.4	23.0

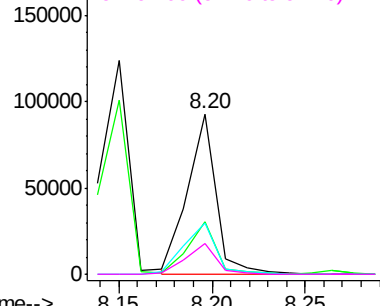


Abundance Ion 127.00 (126.70 to 127.70): E

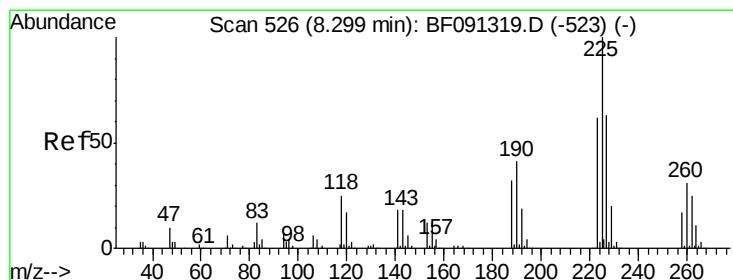
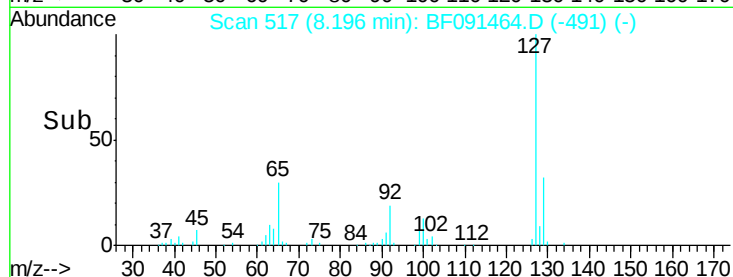
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 35.69 ng

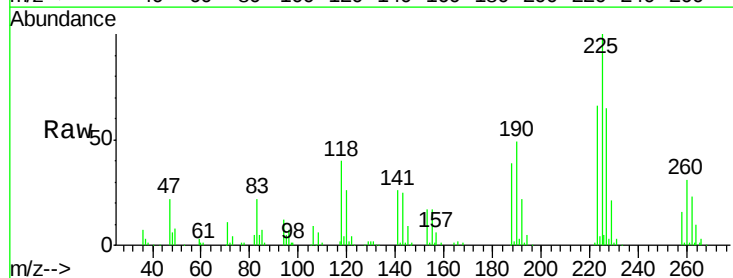
RT: 8.26 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

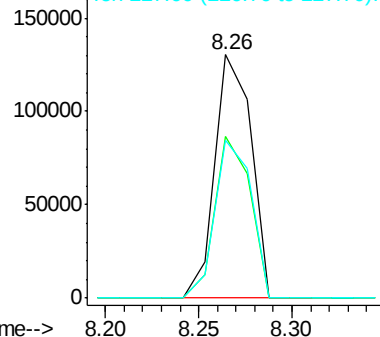
Tgt Ion:	225	Resp:	176338
Ion	Ratio	Lower	Upper
225	100		
223	66.3	49.8	74.6
227	65.0	52.6	79.0



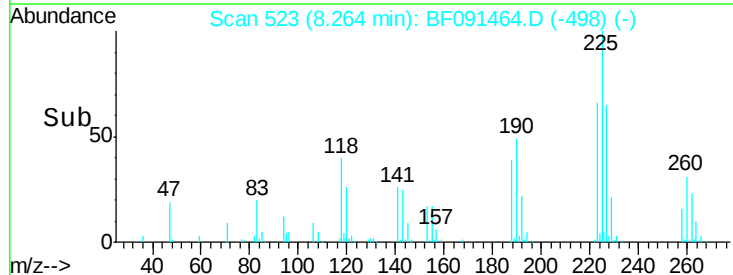
Abundance Ion 225.00 (224.70 to 225.70): E

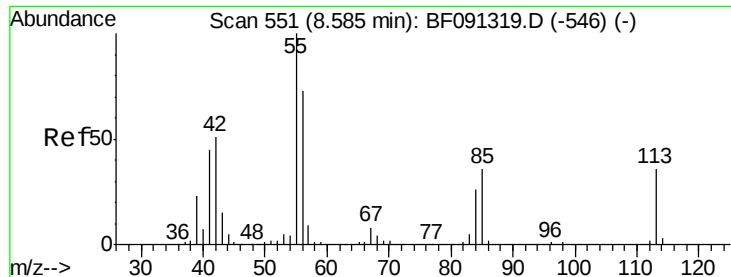
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

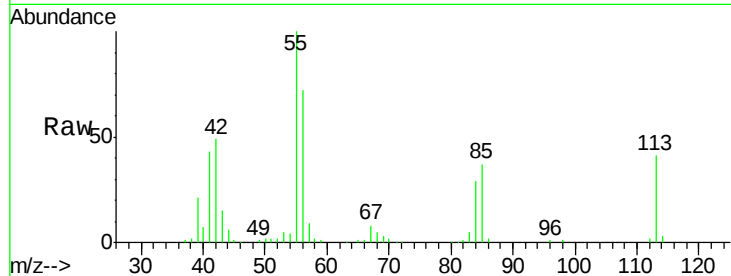




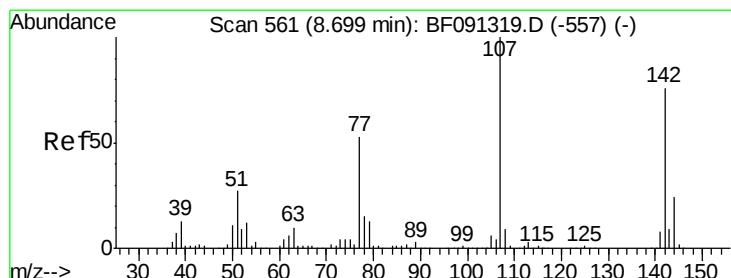
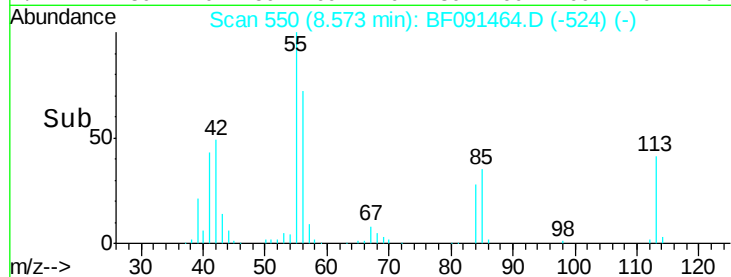
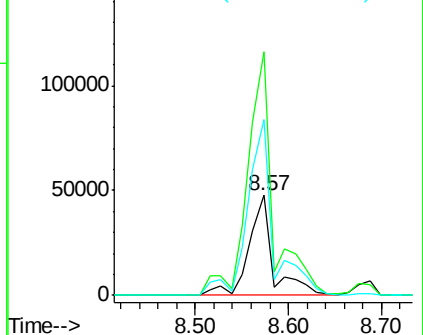
#35
 Caprolactam
 Concen: 41.18 ng
 RT: 8.57 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB95074BS

Tgt Ion:113 Resp: 84829
 Ion Ratio Lower Upper
 113 100
 55 243.3 239.8 279.8
 56 175.3 165.6 205.6

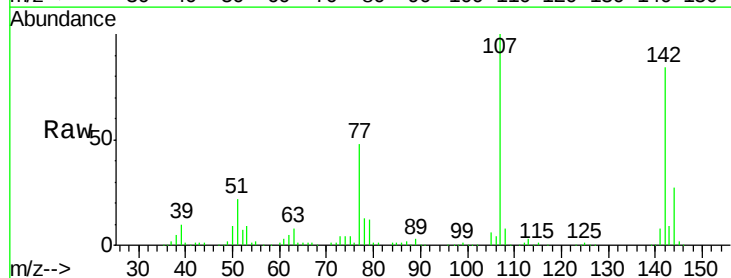


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

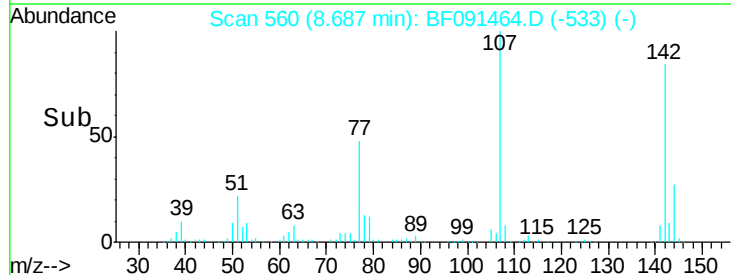
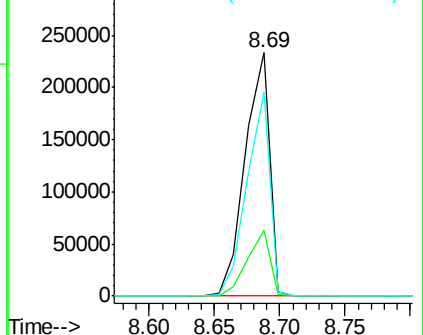


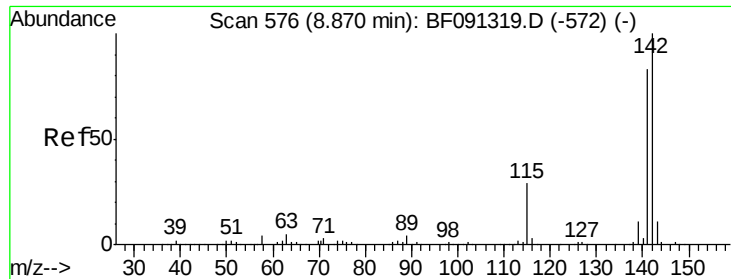
#36
 4-Chloro-3-methylphenol
 Concen: 39.44 ng
 RT: 8.69 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Tgt Ion:107 Resp: 305160
 Ion Ratio Lower Upper
 107 100
 144 27.1 18.9 28.3
 142 83.8 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

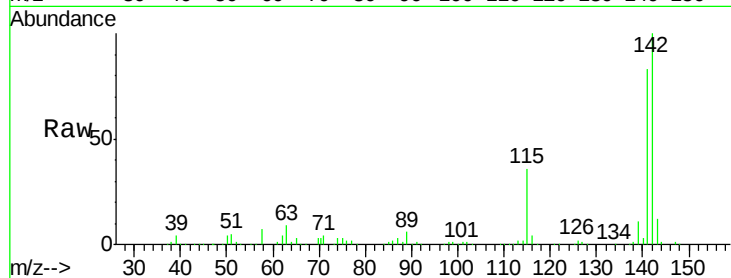




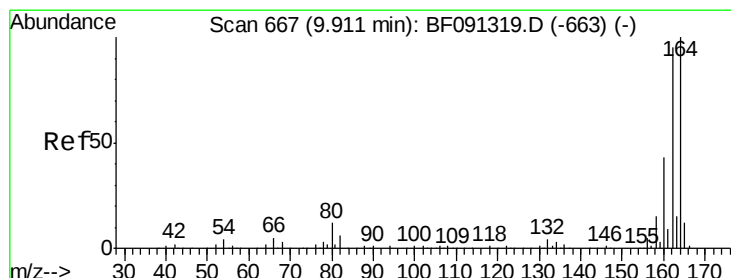
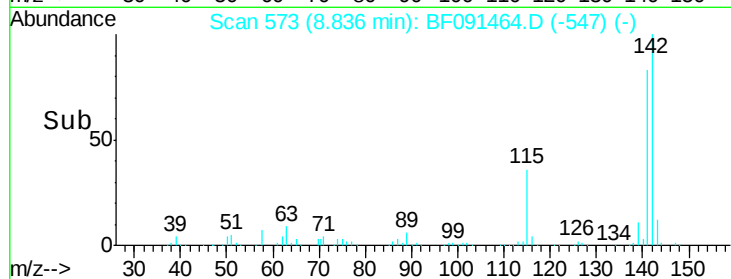
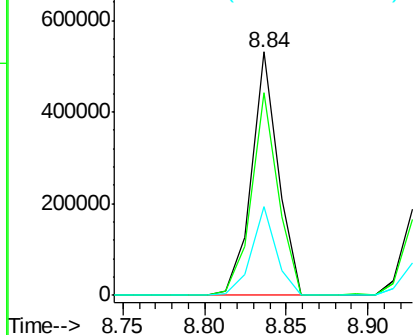
#37
 2-Methylnaphthalene
 Concen: 35.67 ng
 RT: 8.84 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB95074BS

Tgt Ion:142 Resp: 602488
 Ion Ratio Lower Upper
 142 100
 141 83.5 71.7 107.5
 115 36.4 25.0 37.6

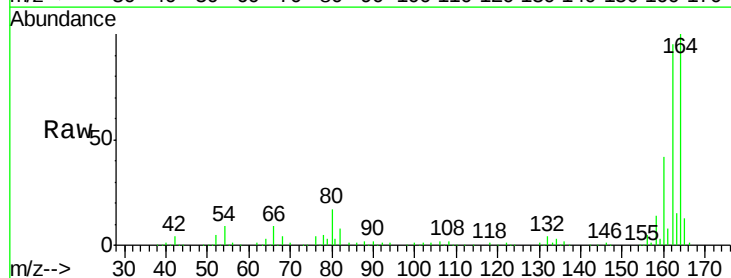


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

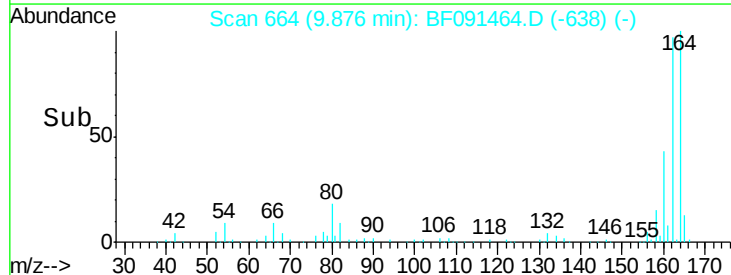
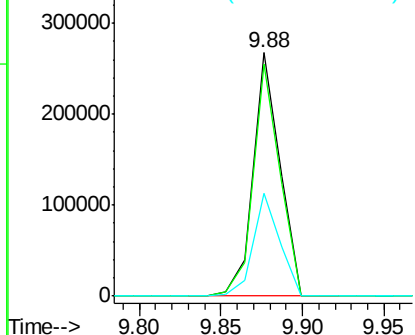


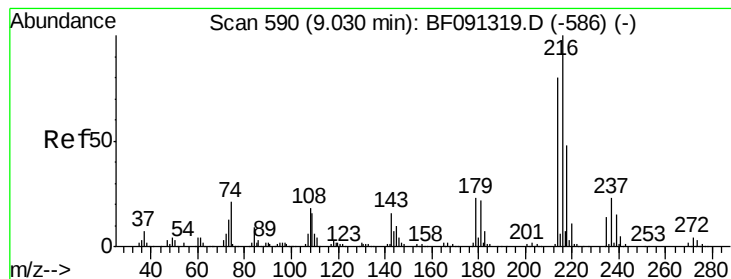
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Tgt Ion:164 Resp: 304097
 Ion Ratio Lower Upper
 164 100
 162 95.4 82.6 124.0
 160 42.2 36.7 55.1



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.84 ng

RT: 9.01 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB95074BS

Tgt Ion:216 Resp: 332968

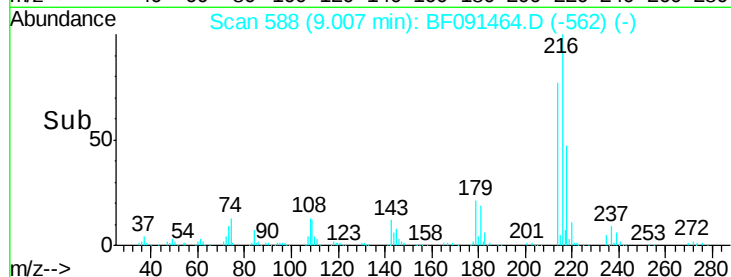
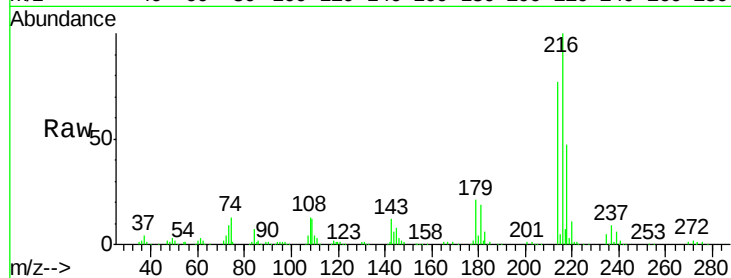
Ion Ratio Lower Upper

216 100

214 78.0 63.8 95.8

179 21.1 18.2 27.2

108 18.0 17.2 25.8

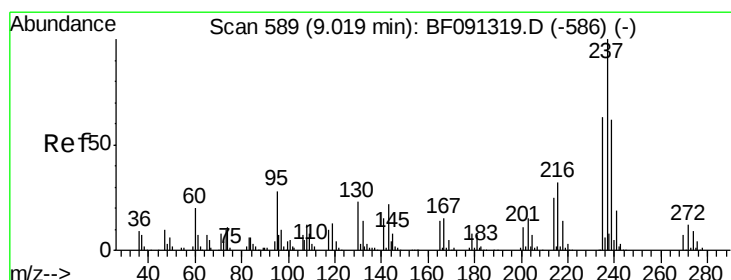
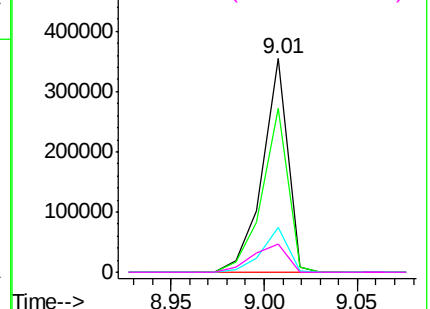


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 79.10 ng

RT: 9.00 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

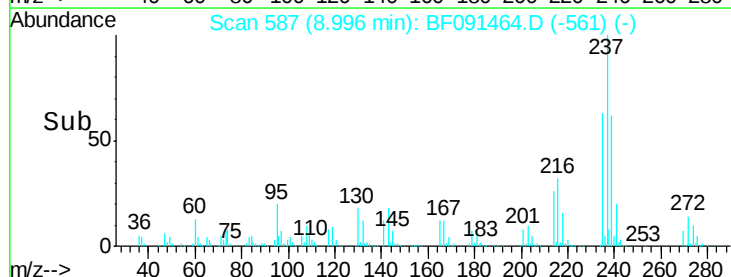
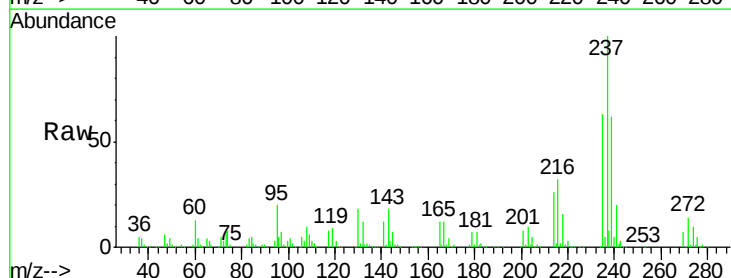
Tgt Ion:237 Resp: 314303

Ion Ratio Lower Upper

237 100

235 62.9 43.9 83.9

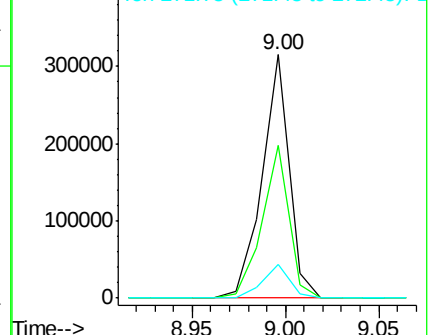
272 13.7 0.0 33.1

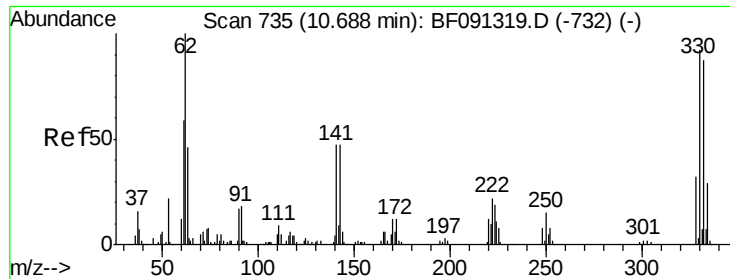


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

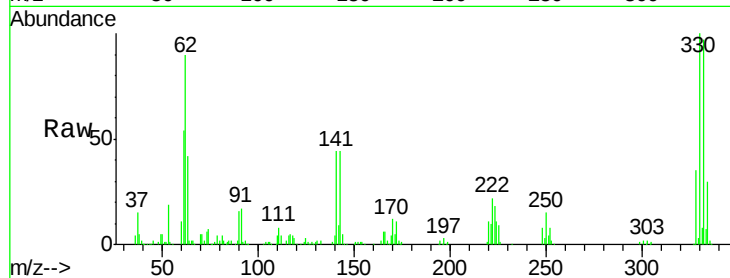




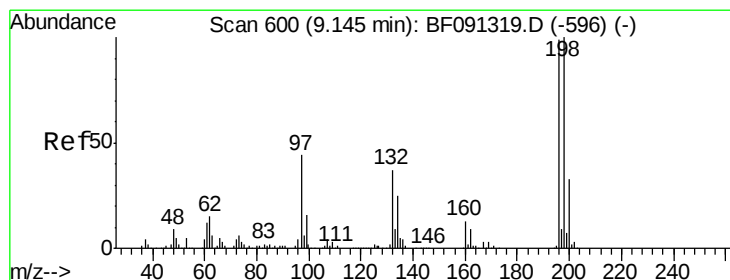
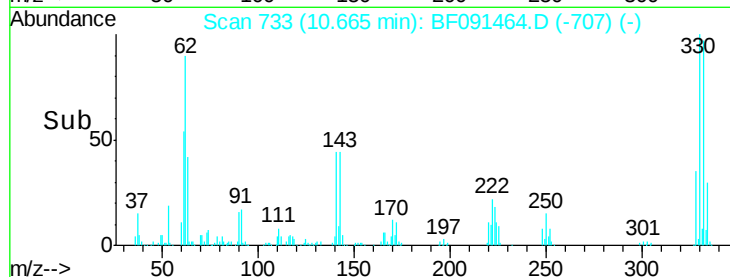
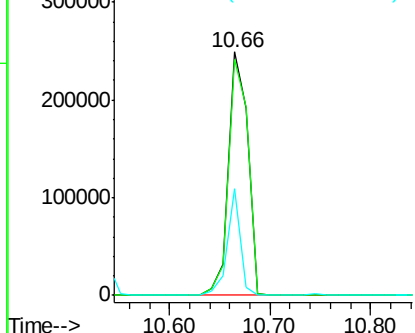
#41
 2,4,6-Tribromophenol
 Concen: 115.44 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB95074BS

Tgt Ion:330 Resp: 332343
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.2 114.4
 141 29.5 33.6 50.4#

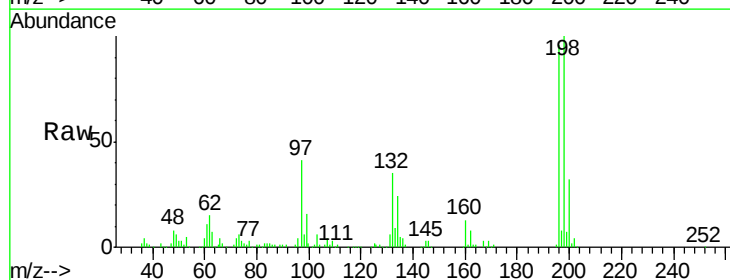


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

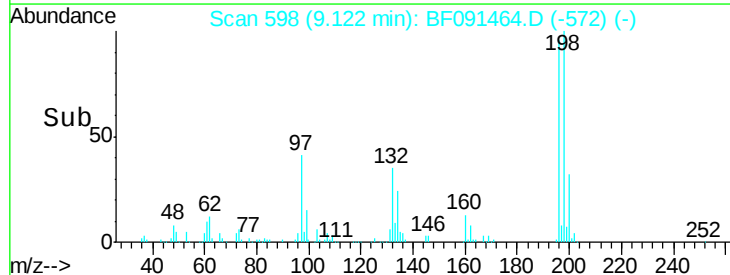
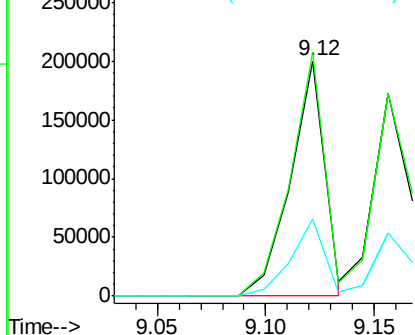


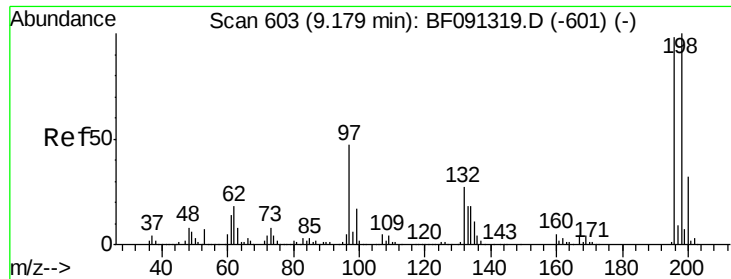
#42
 2,4,6-Trichlorophenol
 Concen: 39.28 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Tgt Ion:196 Resp: 218832
 Ion Ratio Lower Upper
 196 100
 198 103.7 77.4 116.0
 200 33.0 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

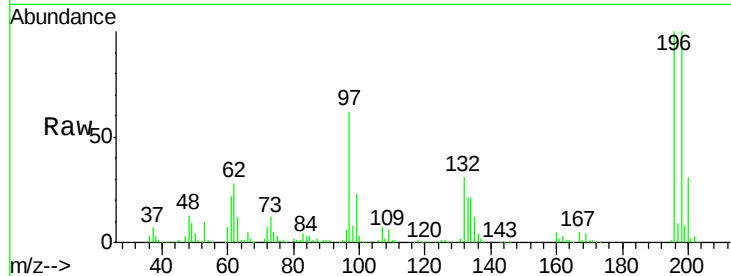




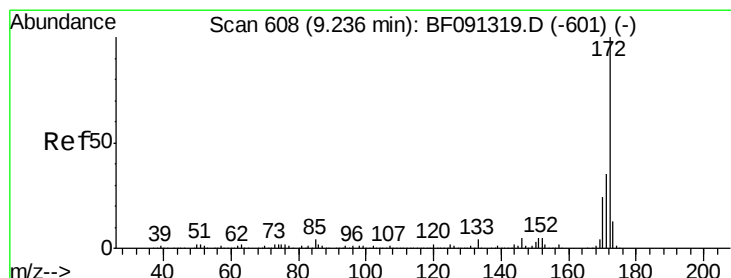
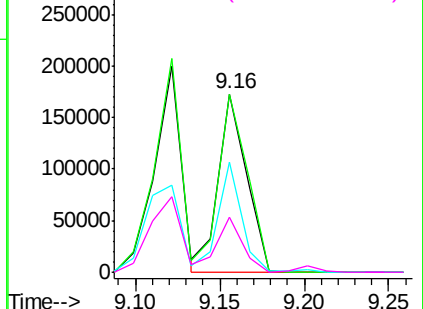
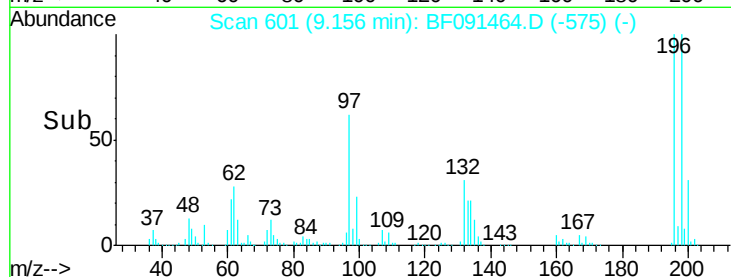
#43
 2,4,5-Trichlorophenol
 Concen: 35.49 ng m
 RT: 9.16 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB95074BS

Tgt Ion:196 Resp: 198131
 Ion Ratio Lower Upper
 196 100
 198 99.8 77.0 115.6
 97 61.9 33.5 50.3#
 132 30.9 20.5 30.7#

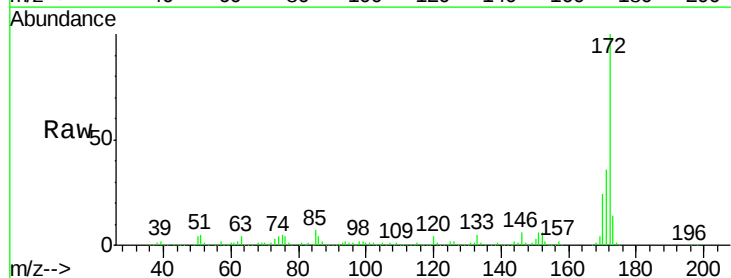


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

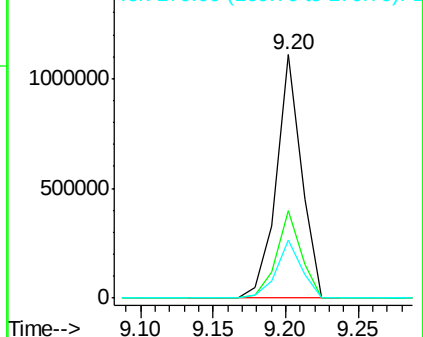
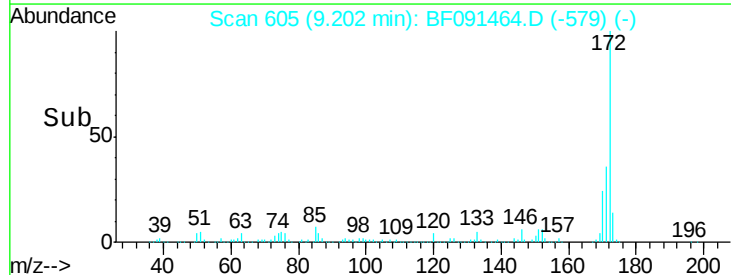


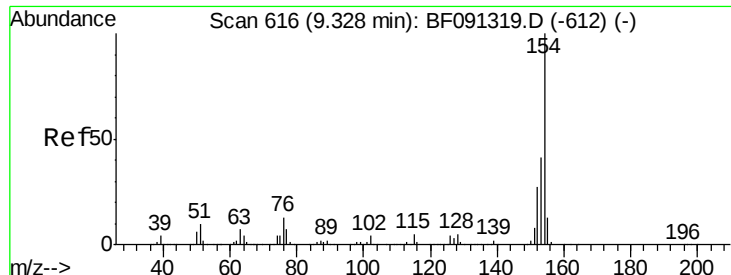
#44
 2-Fluorobiphenyl
 Concen: 79.17 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Tgt Ion:172 Resp: 1329728
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.0 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

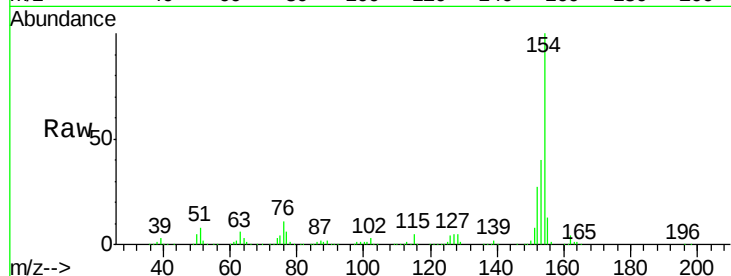




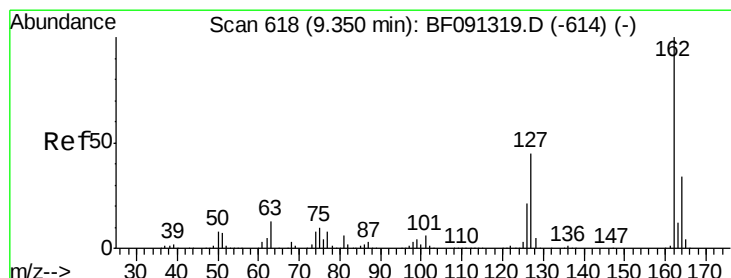
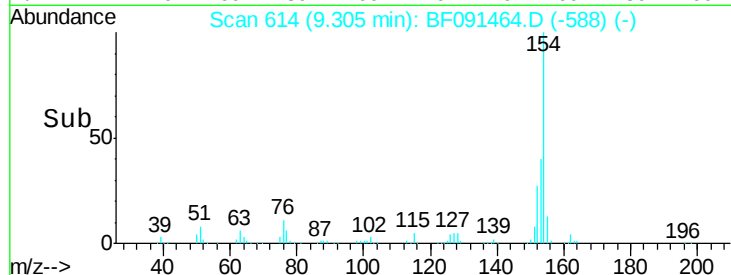
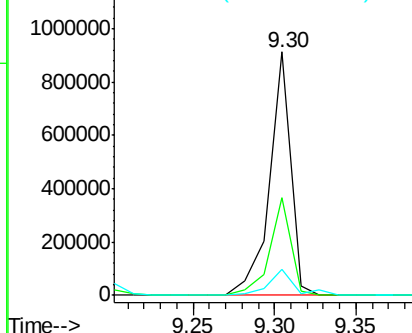
#45
 1,1'-Biphenyl
 Concen: 37.75 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB95074BS

Tgt Ion:154 Resp: 825389
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.6 60.6
 76 10.6 0.0 36.6

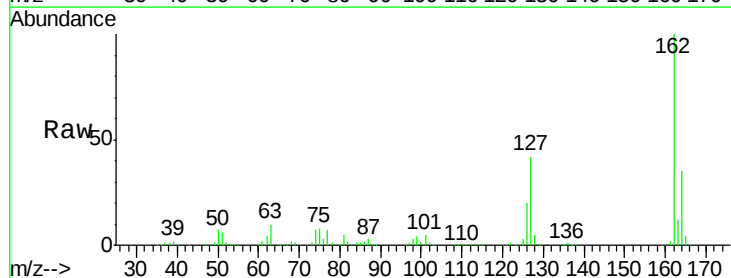


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

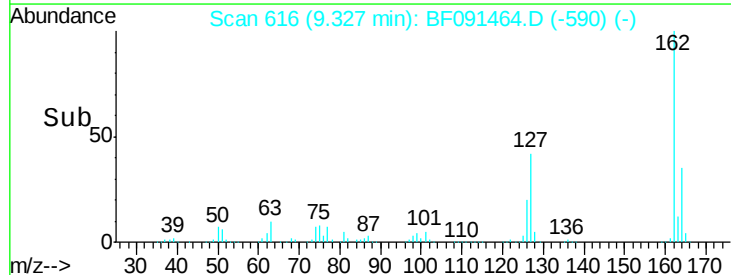
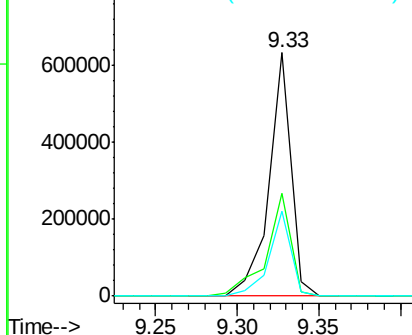


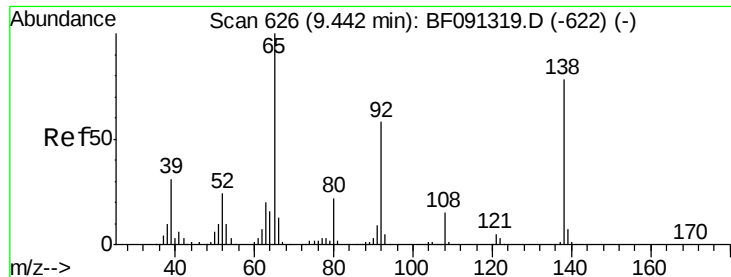
#46
 2-Chloronaphthalene
 Concen: 36.57 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Tgt Ion:162 Resp: 595607
 Ion Ratio Lower Upper
 162 100
 127 42.2 34.3 51.5
 164 35.0 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: 34.00 ng

RT: 9.42 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB95074BS

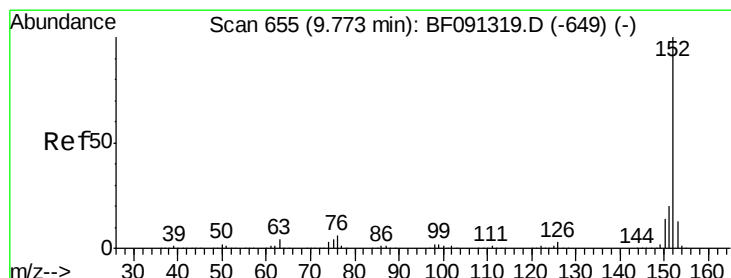
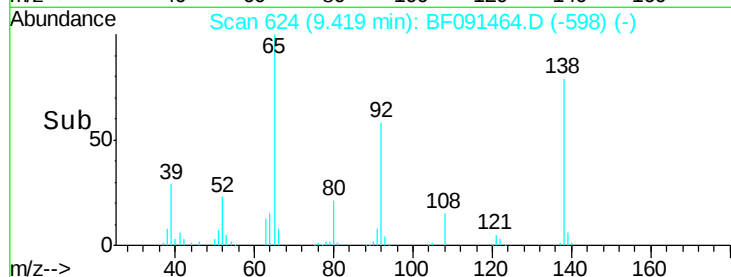
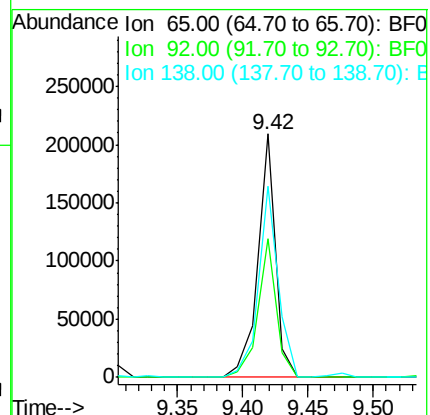
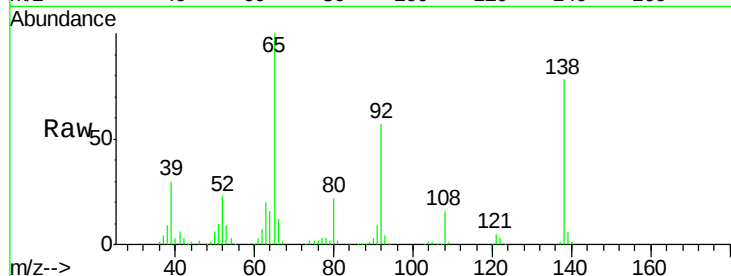
Tgt Ion: 65 Resp: 198871

Ion Ratio Lower Upper

65 100

92 57.2 53.6 80.4

138 78.4 91.0 136.6#



#48

Acenaphthylene

Concen: 33.46 ng

RT: 9.74 min Scan# 652

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

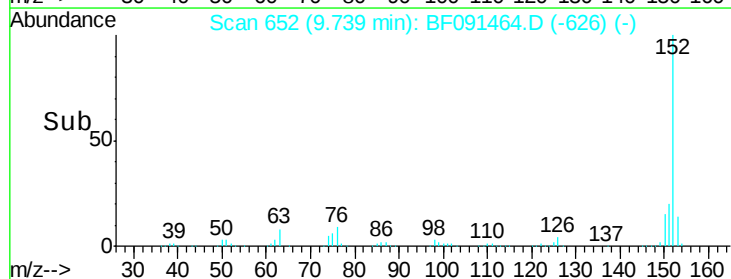
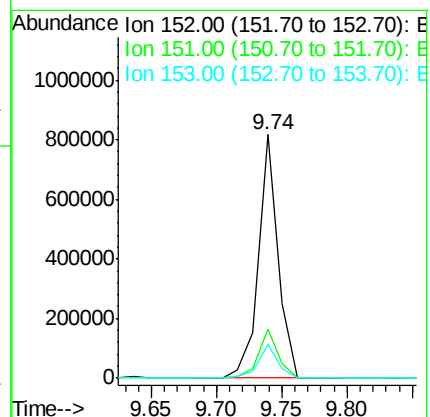
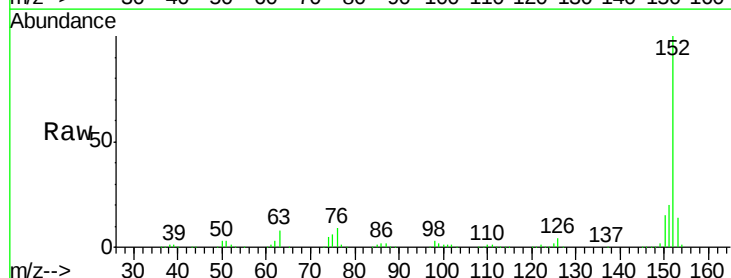
Tgt Ion: 152 Resp: 857629

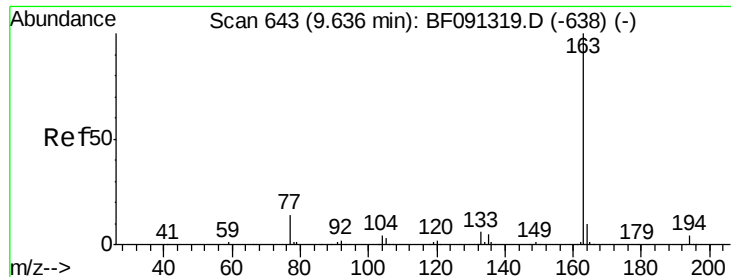
Ion Ratio Lower Upper

152 100

151 20.1 16.6 24.8

153 14.1 10.7 16.1





#49

Dimethylphthalate

Concen: 38.64 ng

RT: 9.61 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB95074BS

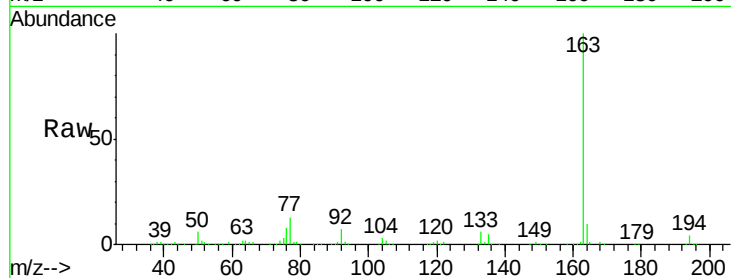
Tgt Ion:163 Resp: 711516

Ion Ratio Lower Upper

163 100

194 4.4 3.0 4.4

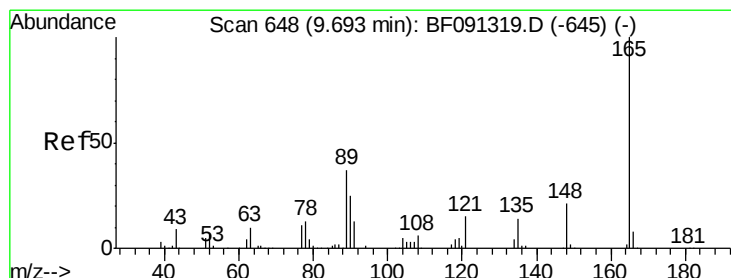
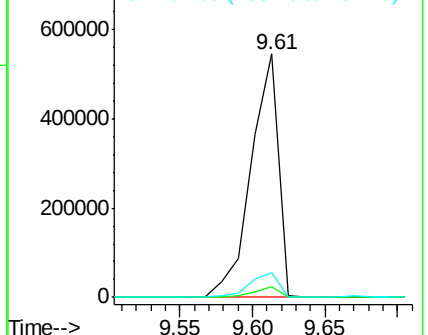
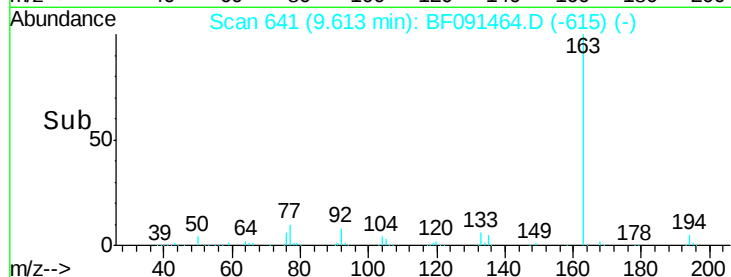
164 10.0 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.93 ng

RT: 9.67 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

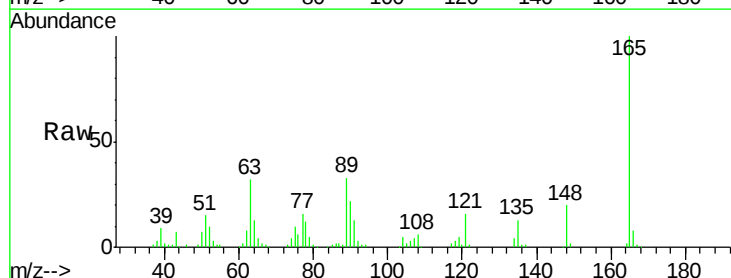
Tgt Ion:165 Resp: 168435

Ion Ratio Lower Upper

165 100

63 31.9 59.4 89.0#

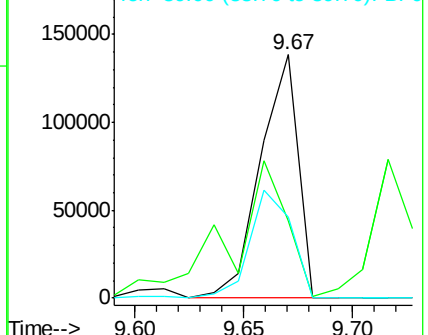
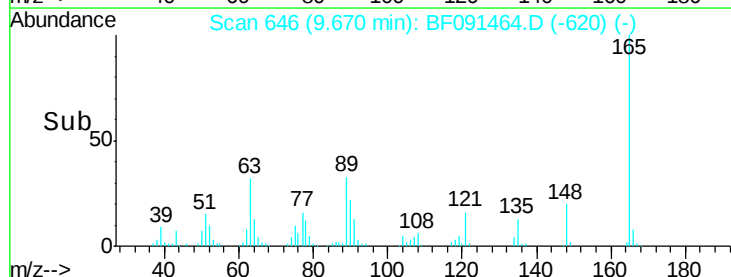
89 33.5 50.8 76.2#

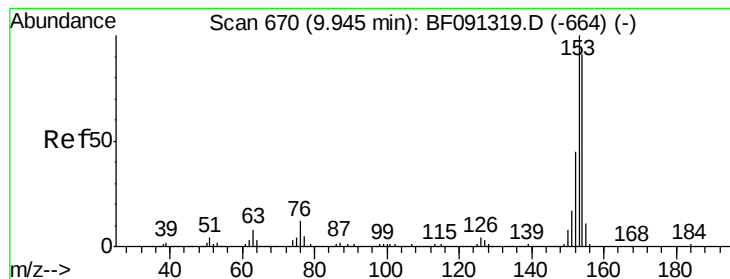


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.63 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB95074BS

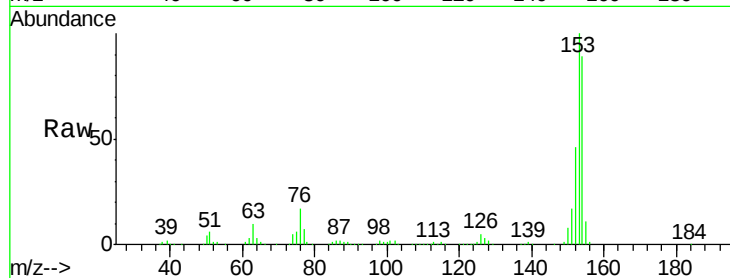
Tgt Ion:154 Resp: 581495

Ion Ratio Lower Upper

154 100

153 112.3 91.0 136.6

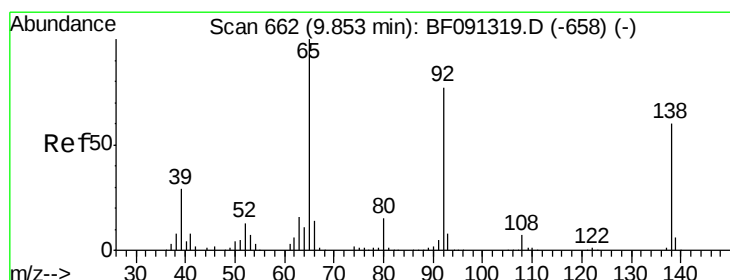
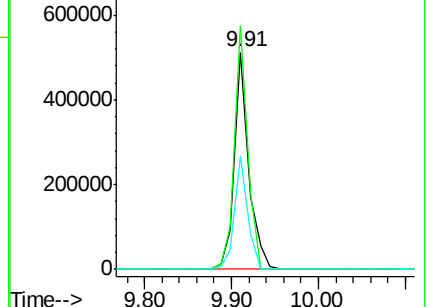
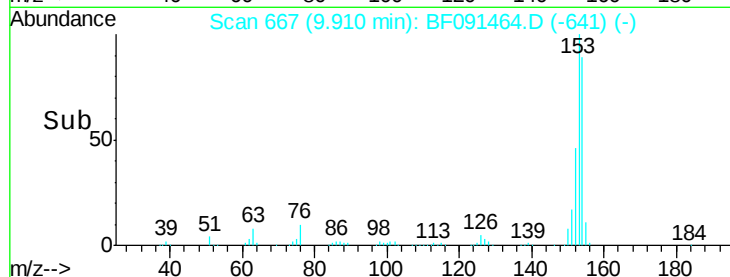
152 51.9 44.2 66.2



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: 19.74 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

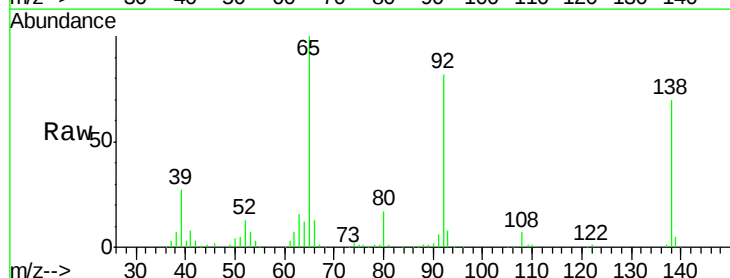
Tgt Ion:138 Resp: 94037

Ion Ratio Lower Upper

138 100

108 10.3 8.1 12.1

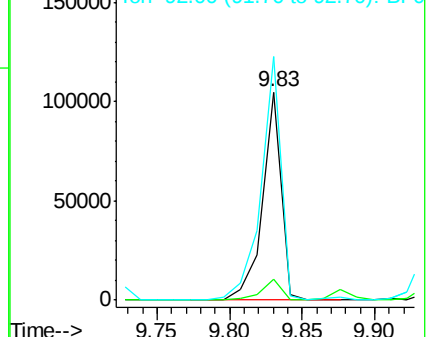
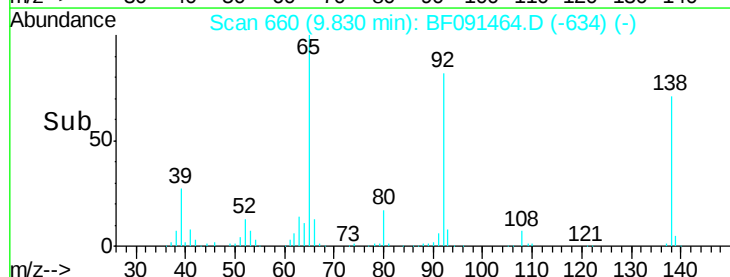
92 117.1 92.5 138.7

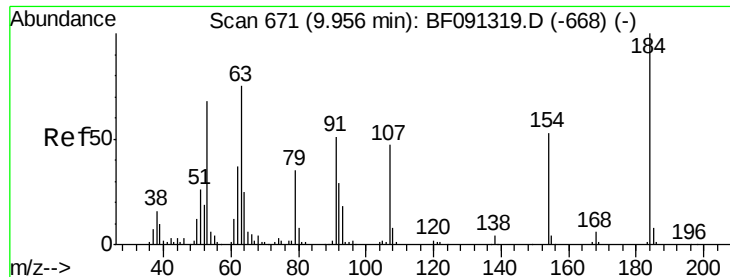


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

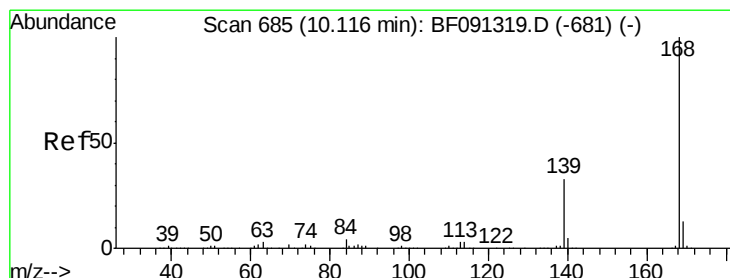
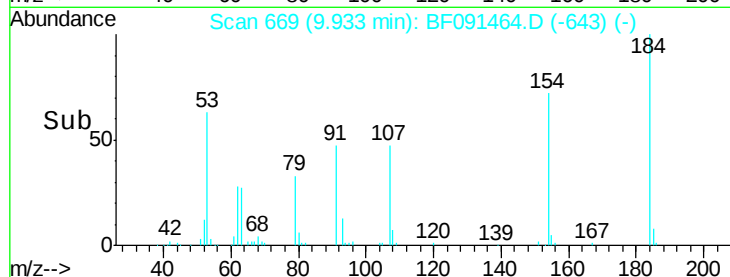
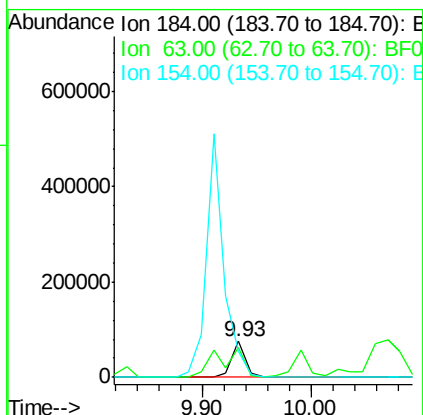
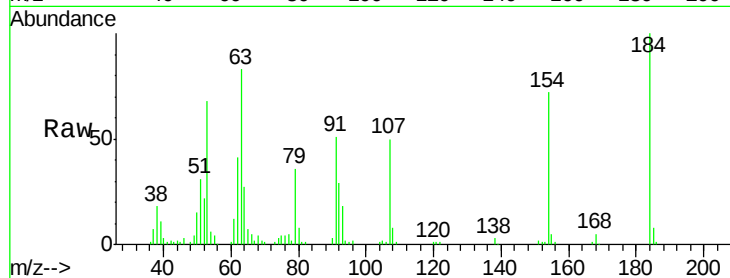




#53
2,4-Dinitrophenol
Concen: 37.20 ng
RT: 9.93 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF091464.D
Acq: 6 Dec 2016 17:48

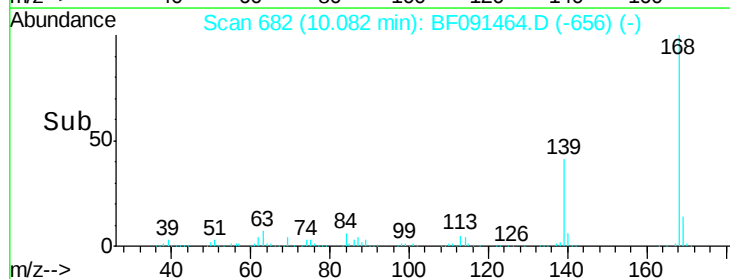
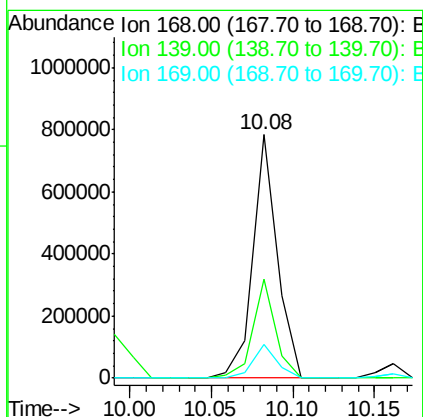
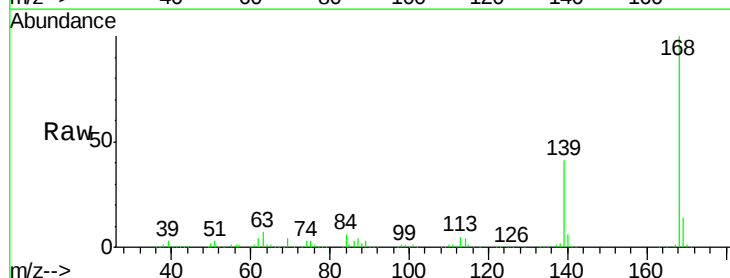
Instrument :
BNA_F
ClientSampleId :
PB95074BS

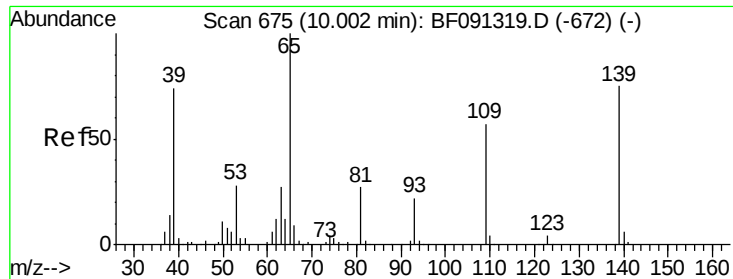
Tgt Ion:184 Resp: 66957
Ion Ratio Lower Upper
184 100
63 83.0 58.3 87.5
154 72.0 48.6 73.0



#54
Dibenzofuran
Concen: 35.26 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF091464.D
Acq: 6 Dec 2016 17:48

Tgt Ion:168 Resp: 816256
Ion Ratio Lower Upper
168 100
139 40.5 33.4 50.2
169 14.0 11.1 16.7

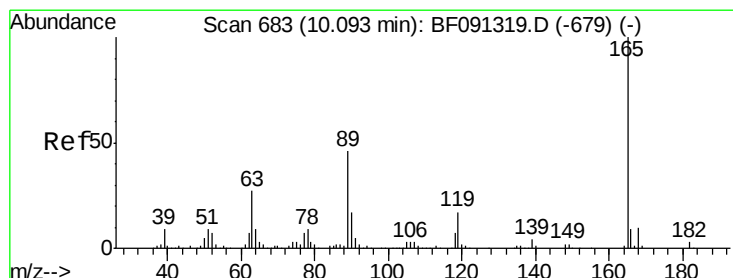
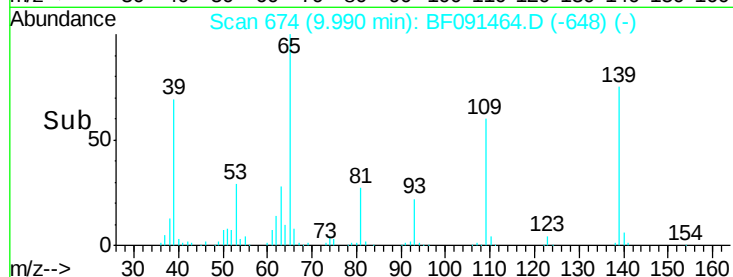
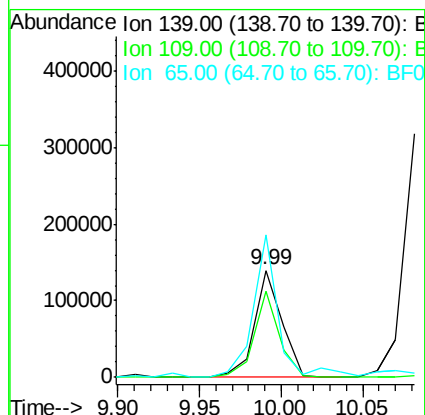
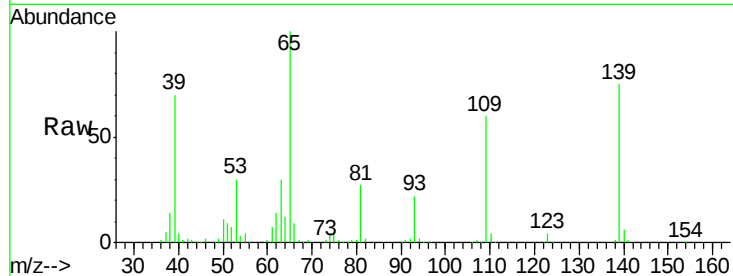




#55
4-Nitrophenol
Concen: 47.59 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF091464.D
Acq: 6 Dec 2016 17:48

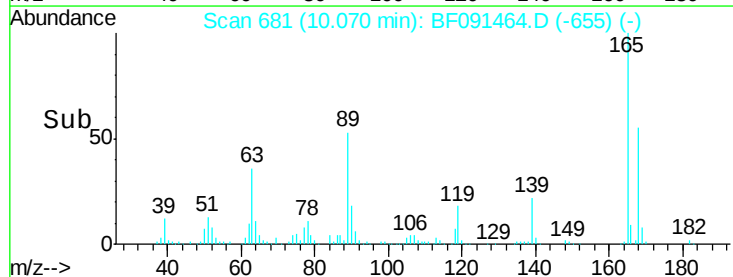
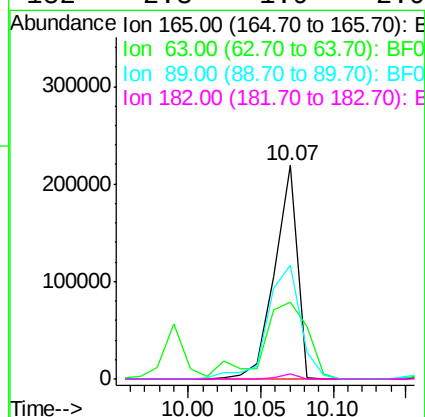
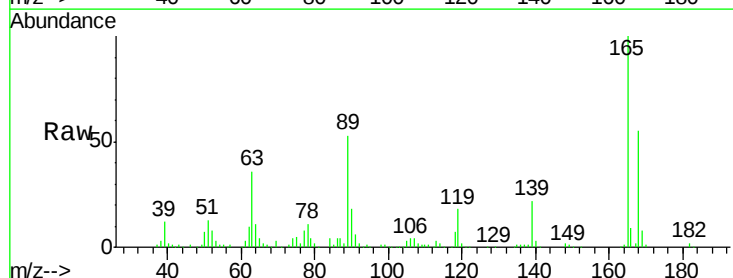
Instrument :
BNA_F
ClientSampleId :
PB95074BS

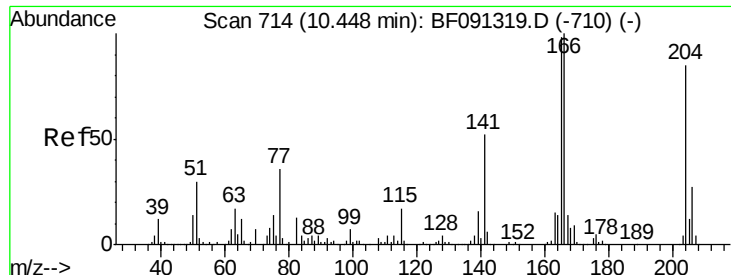
Tgt Ion:139 Resp: 163734
Ion Ratio Lower Upper
139 100
109 80.2 54.9 94.9
65 133.1 102.2 142.2



#56
2,4-Dinitrotoluene
Concen: 44.38 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF091464.D
Acq: 6 Dec 2016 17:48

Tgt Ion:165 Resp: 236929
Ion Ratio Lower Upper
165 100
63 36.0 29.0 43.4
89 53.4 43.1 64.7
182 2.3 1.9 2.9

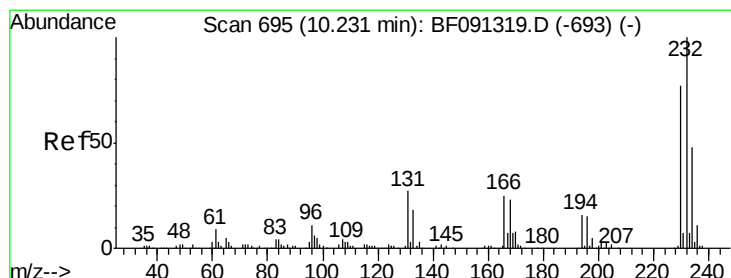
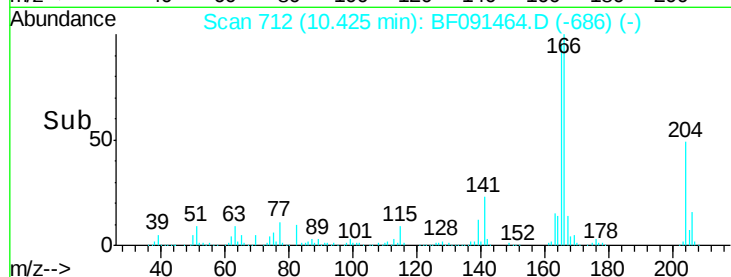
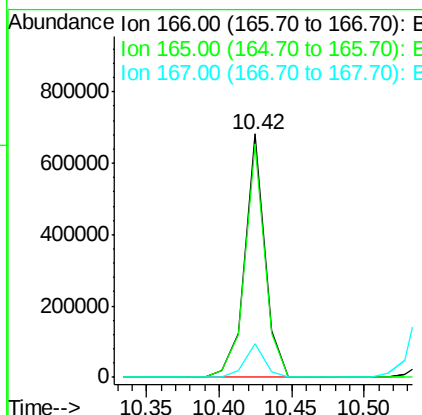
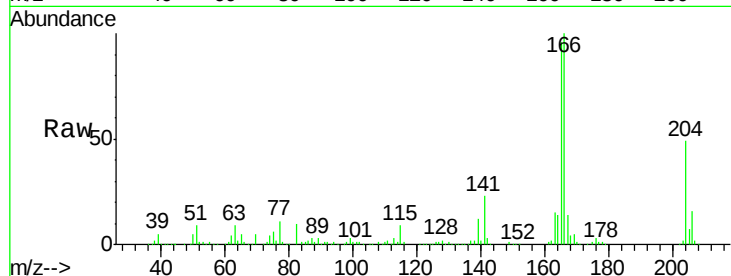




#57
Fluorene
 Concen: 36.86 ng
 RT: 10.42 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

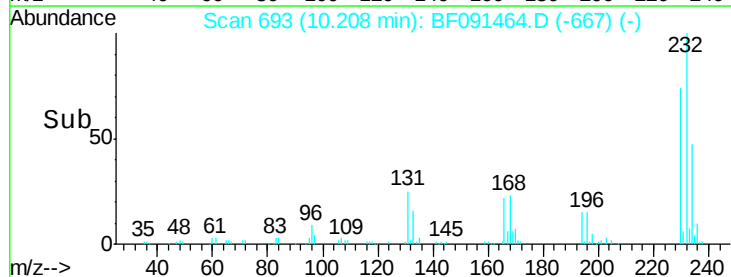
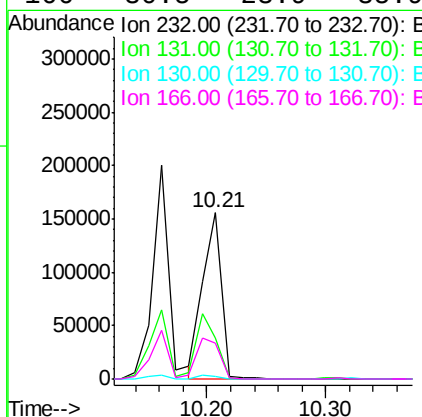
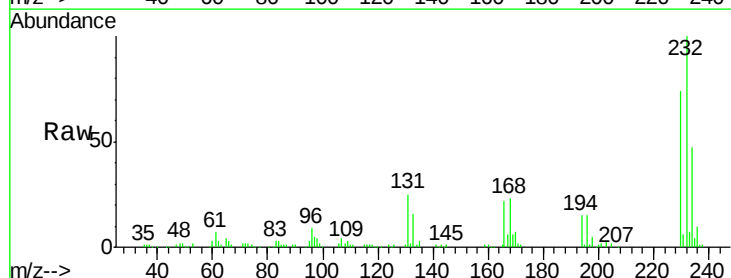
Instrument :
 BNA_F
 ClientSampled :
 PB95074BS

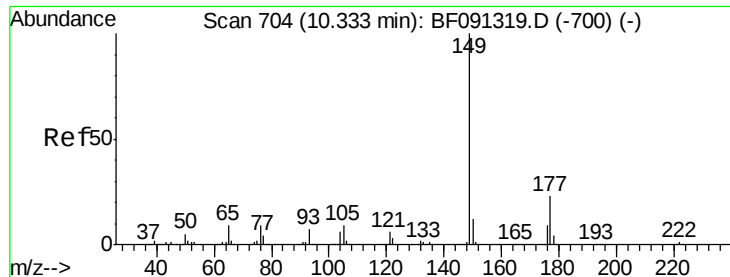
Tgt Ion:166 Resp: 655234
 Ion Ratio Lower Upper
 166 100
 165 95.7 80.0 120.0
 167 13.9 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.43 ng
 RT: 10.21 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Tgt Ion:232 Resp: 173714
 Ion Ratio Lower Upper
 232 100
 131 42.7 38.4 57.6
 130 2.1 1.8 2.8
 166 30.5 23.9 35.9

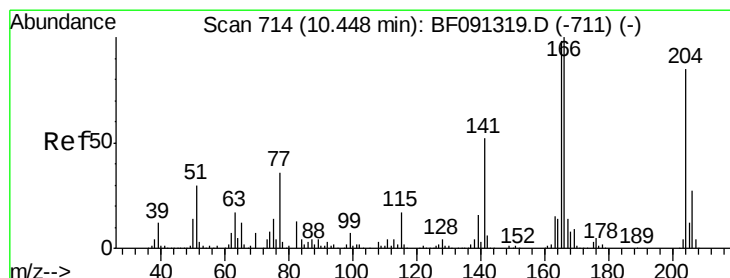
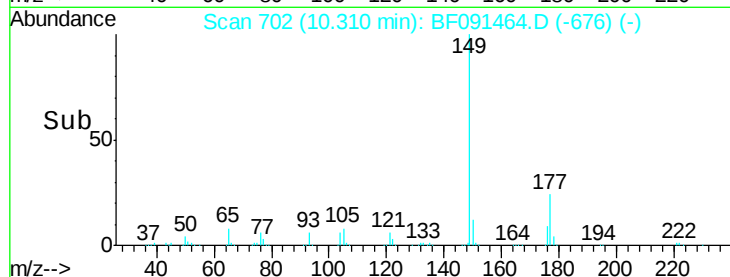
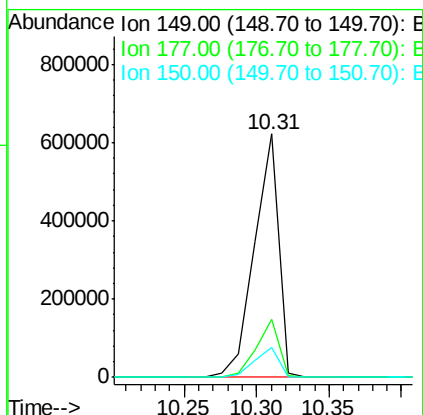
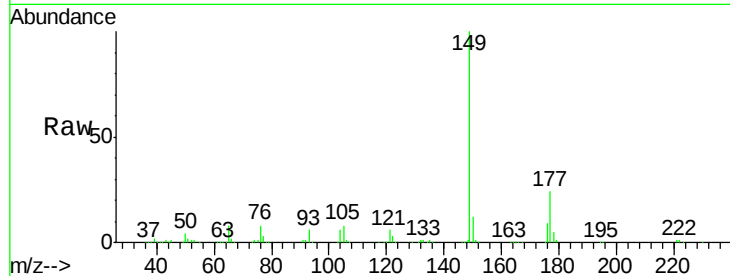




#59
Diethylphthalate
Concen: 39.56 ng
RT: 10.31 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF091464.D
Acq: 6 Dec 2016 17:48

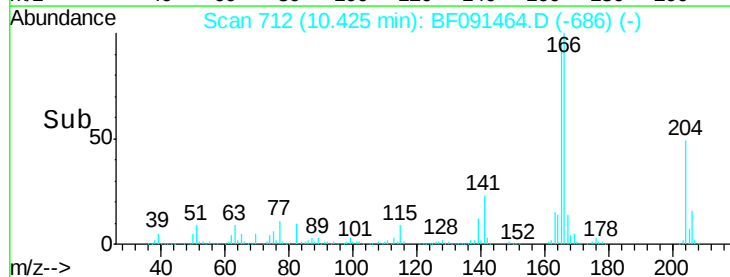
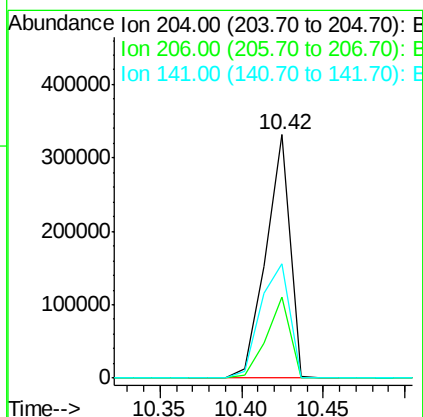
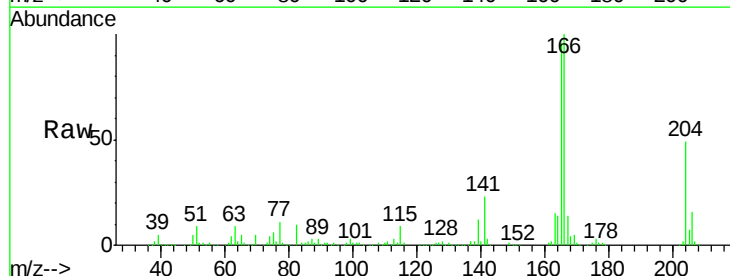
Instrument :
BNA_F
ClientSampleId :
PB95074BS

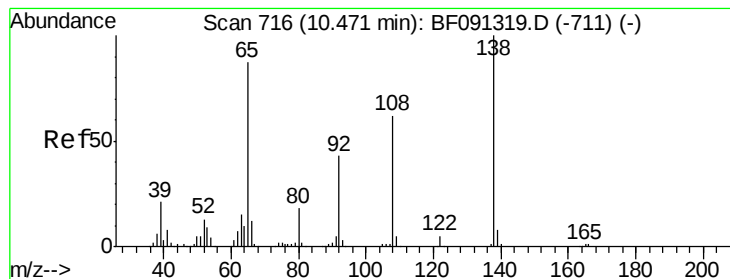
Tgt Ion:149 Resp: 719093
Ion Ratio Lower Upper
149 100
177 24.0 15.7 23.5#
150 12.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.48 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF091464.D
Acq: 6 Dec 2016 17:48

Tgt Ion:204 Resp: 342996
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 47.2 40.6 61.0





#61

4-Nitroaniline

Concen: 34.94 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB95074BS

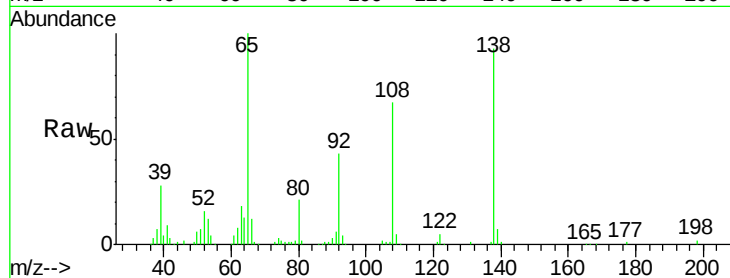
Tgt Ion:138 Resp: 156294

Ion Ratio Lower Upper

138 100

92 46.4 26.9 66.9

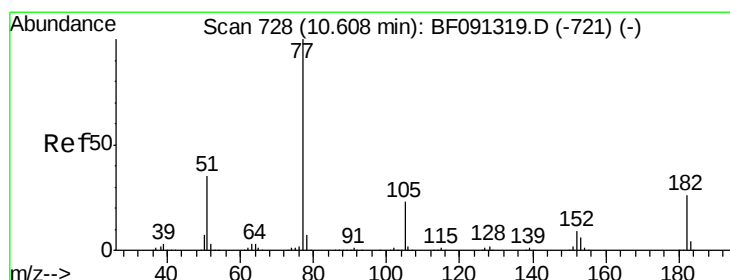
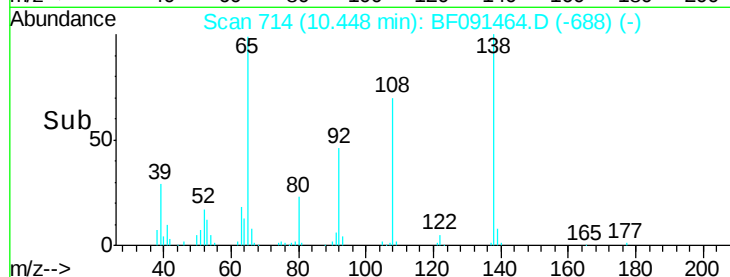
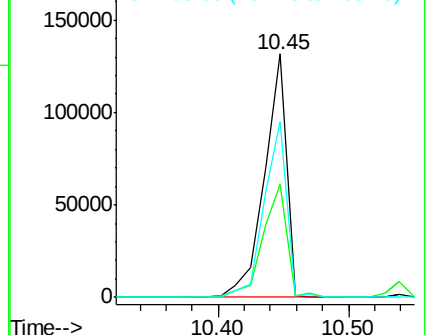
108 72.2 49.1 89.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.80 ng

RT: 10.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

Tgt Ion: 77 Resp: 738071

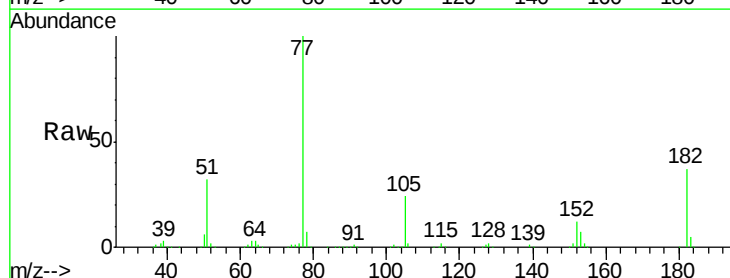
Ion Ratio Lower Upper

77 100

182 37.2 12.5 52.5

105 24.4 3.7 43.7

51 32.1 11.9 51.9

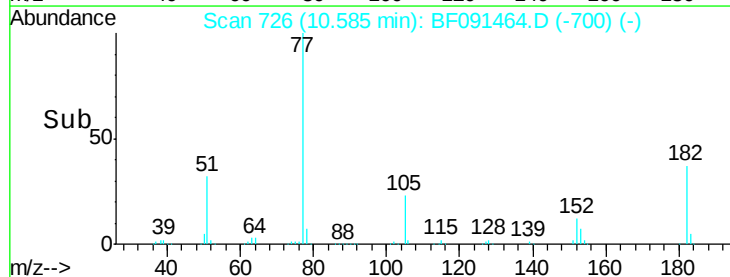
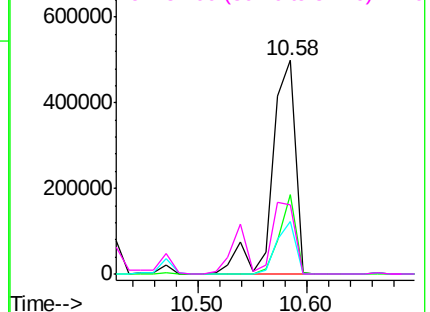


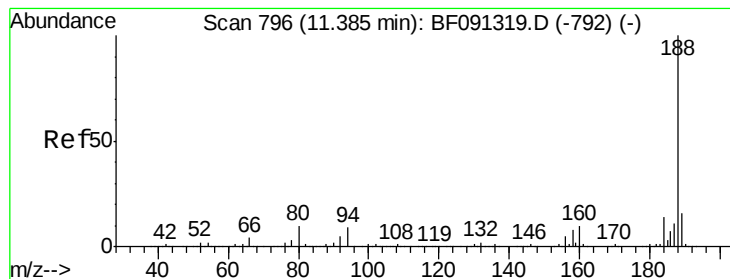
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB95074BS

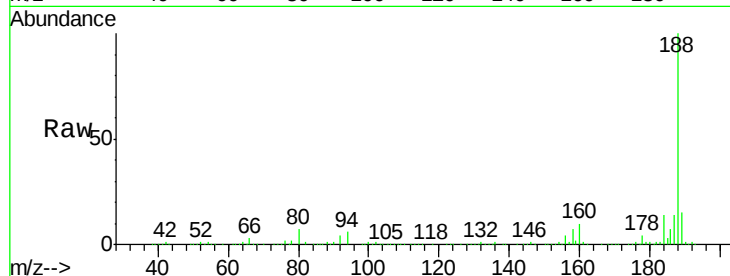
Tgt Ion:188 Resp: 536363

Ion Ratio Lower Upper

188 100

94 6.0 9.2 13.8#

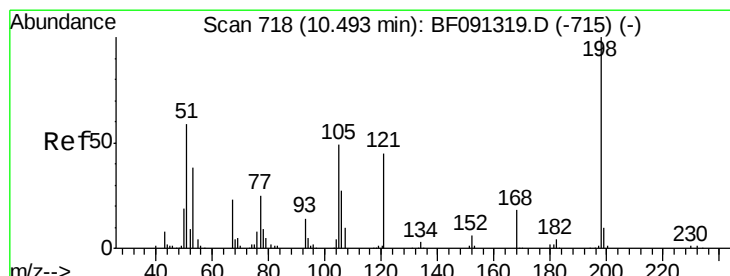
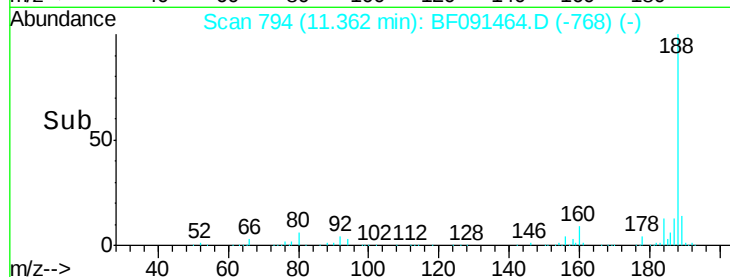
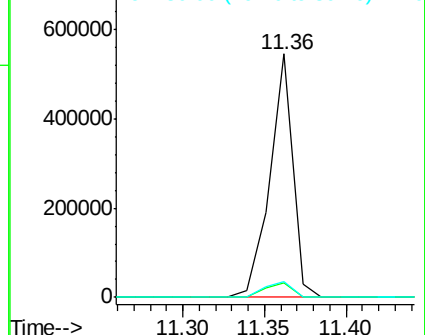
80 6.6 10.5 15.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 22.17 ng

RT: 10.47 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

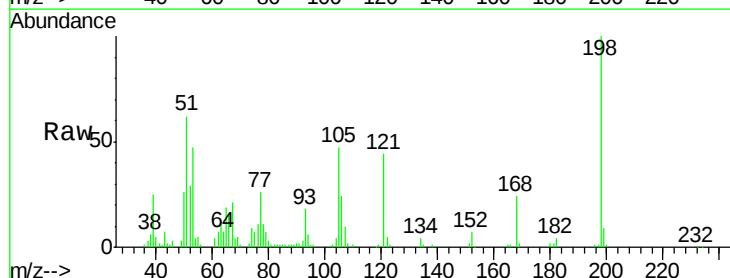
Tgt Ion:198 Resp: 65520

Ion Ratio Lower Upper

198 100

51 61.9 77.1 117.1#

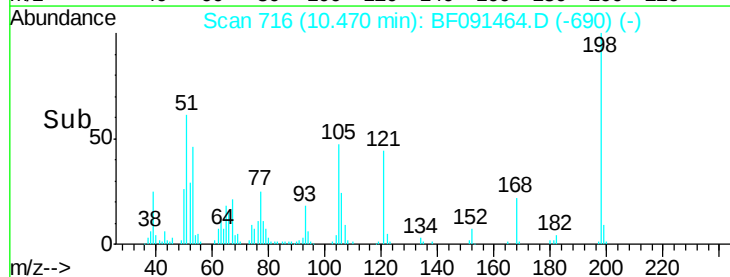
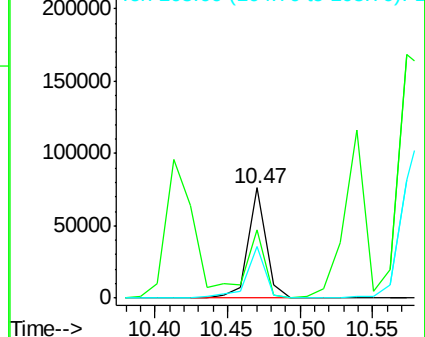
105 47.4 44.8 84.8

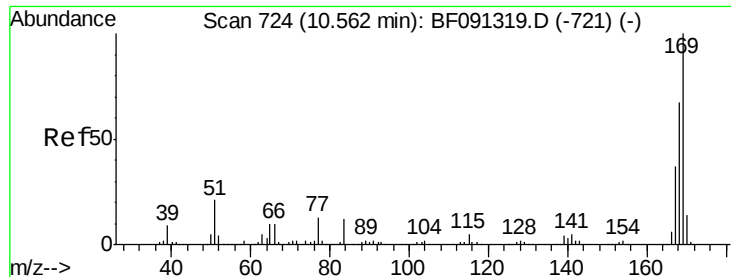


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

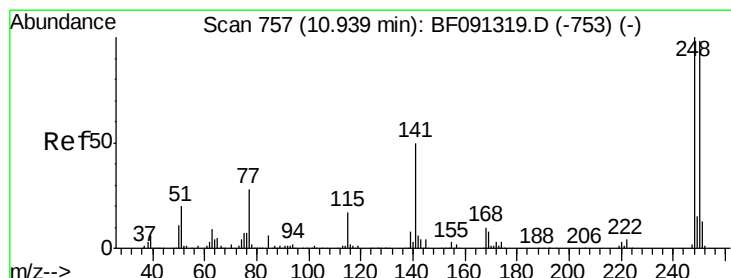
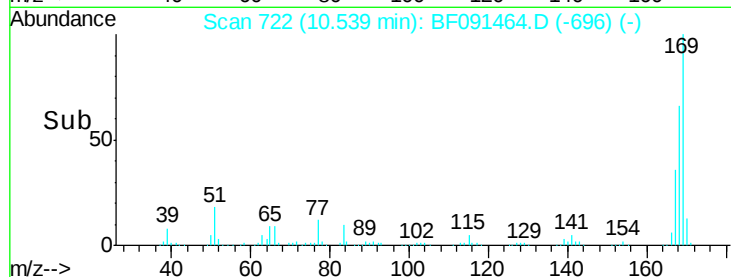
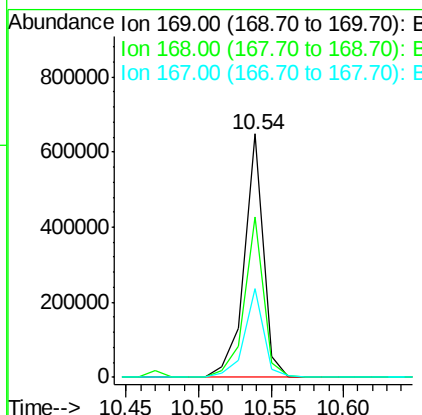
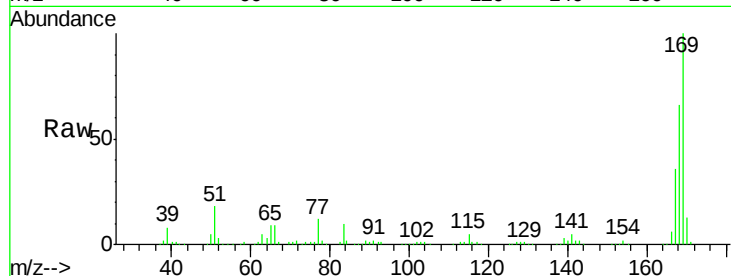




#65
 n-Nitrosodiphenylamine
 Concen: 36.49 ng
 RT: 10.54 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

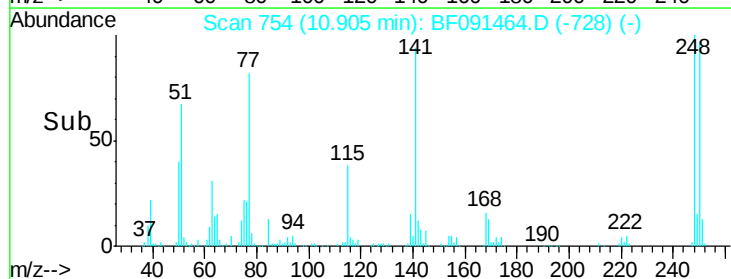
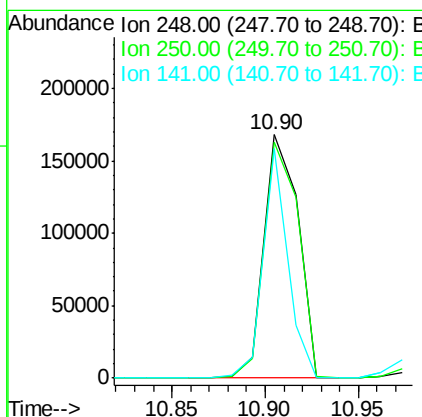
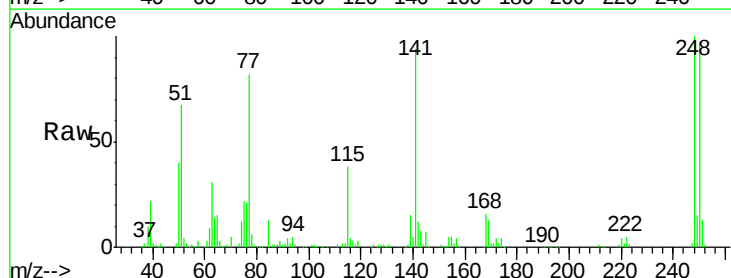
Instrument :
 BNA_F
 ClientSampleId :
 PB95074BS

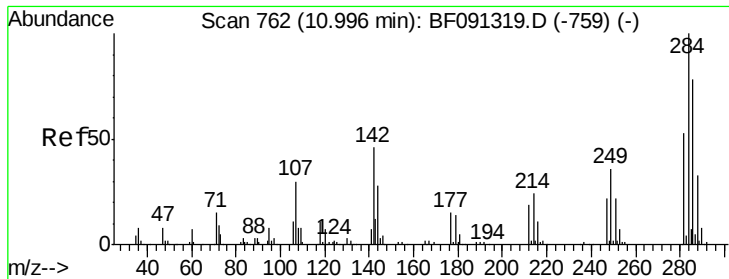
Tgt Ion:169 Resp: 593451
 Ion Ratio Lower Upper
 169 100
 168 66.0 53.8 80.8
 167 36.3 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 36.94 ng
 RT: 10.90 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Tgt Ion:248 Resp: 212962
 Ion Ratio Lower Upper
 248 100
 250 97.0 78.2 117.4
 141 94.0 71.9 107.9

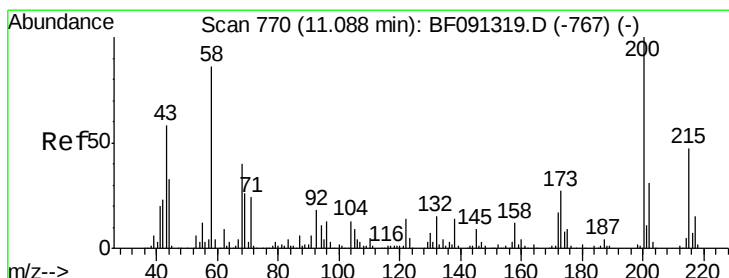
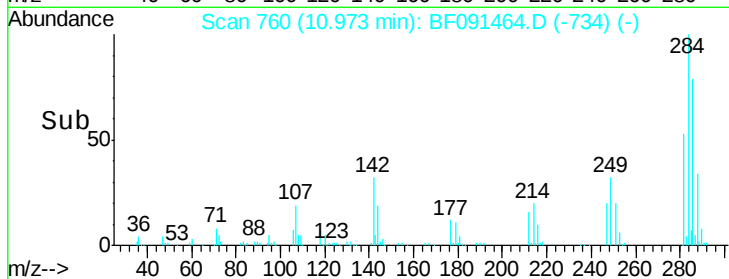
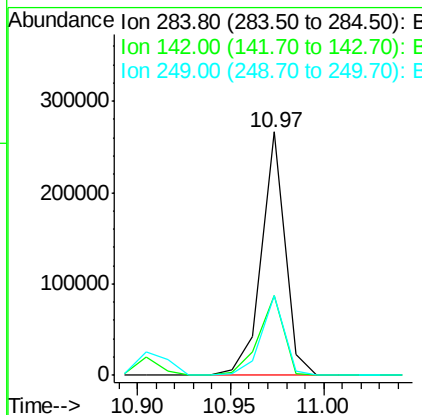
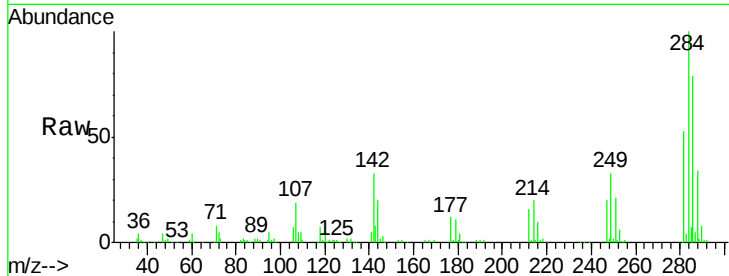




#67
Hexachlorobenzene
Concen: 37.11 ng
RT: 10.97 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF091464.D
Acq: 6 Dec 2016 17:48

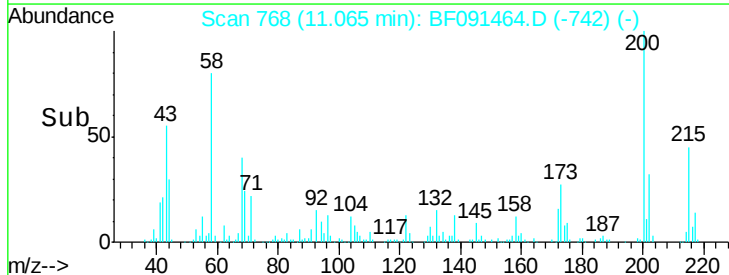
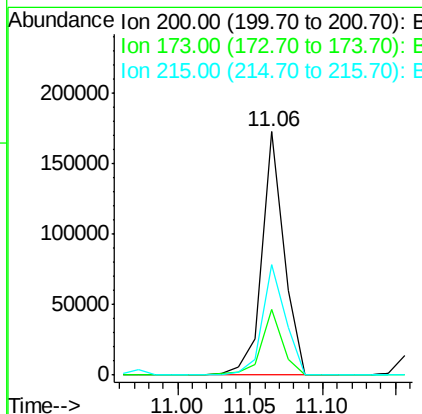
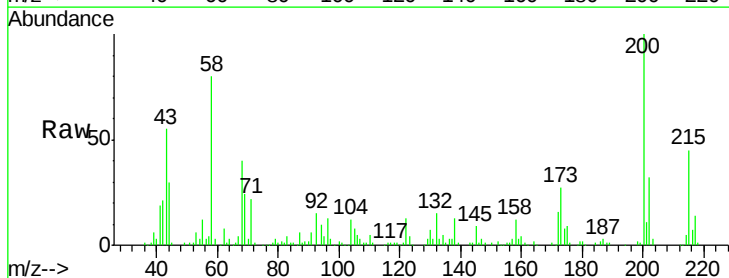
Instrument :
BNA_F
ClientSampleId :
PB95074BS

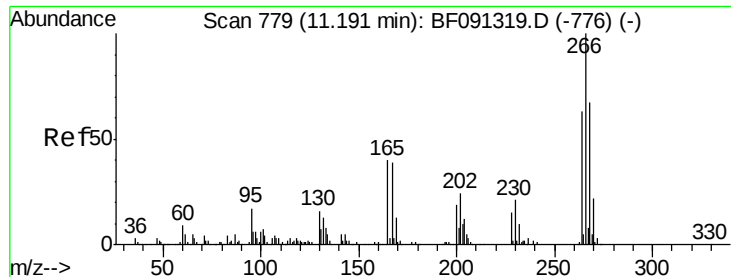
Tgt Ion:284 Resp: 231187
Ion Ratio Lower Upper
284 100
142 32.5 17.9 26.9#
249 32.5 23.6 35.4



#68
Atrazine
Concen: 34.52 ng
RT: 11.06 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF091464.D
Acq: 6 Dec 2016 17:48

Tgt Ion:200 Resp: 181814
Ion Ratio Lower Upper
200 100
173 26.9 7.8 47.8
215 45.1 24.3 64.3

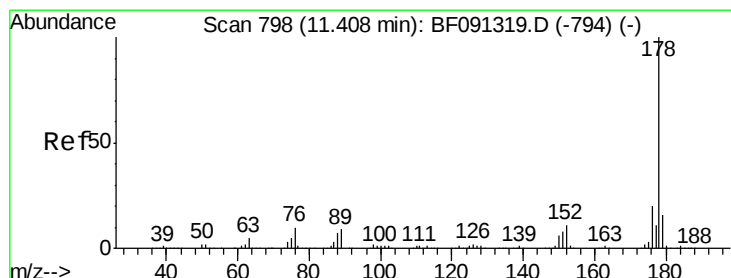
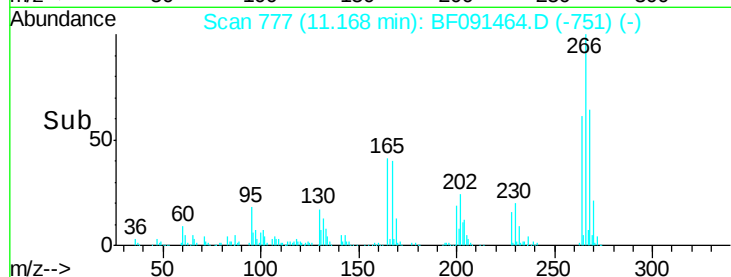
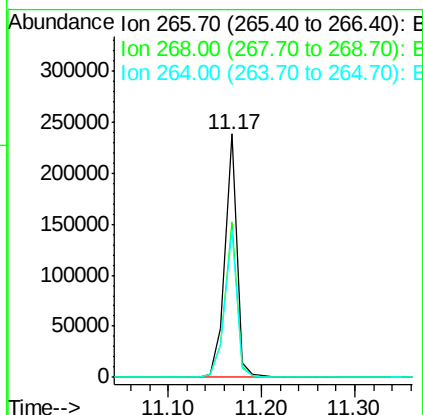
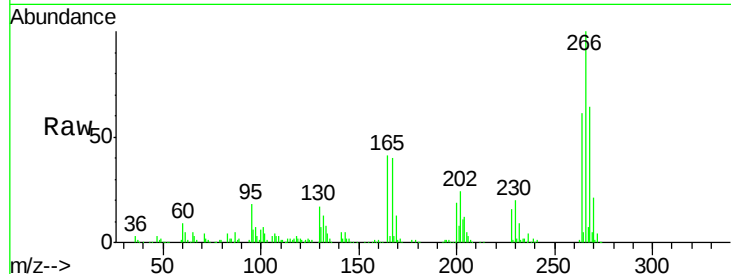




#69
 Pentachlorophenol
 Concen: 58.31 ng
 RT: 11.17 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

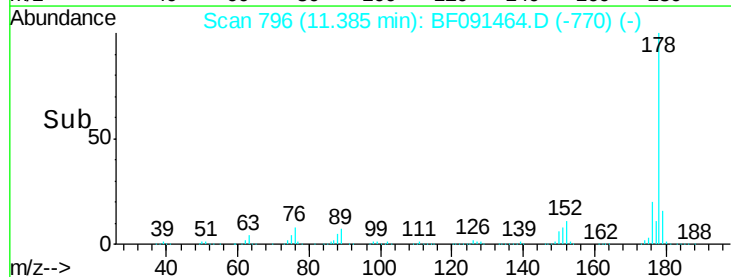
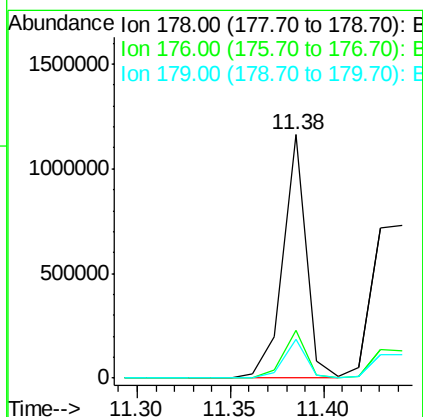
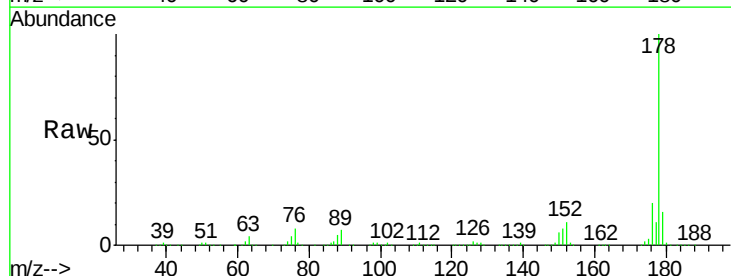
Instrument :
 BNA_F
 ClientSampleId :
 PB95074BS

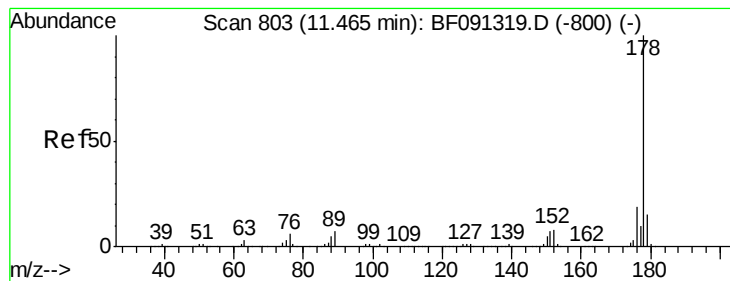
Tgt Ion:266 Resp: 213859
 Ion Ratio Lower Upper
 266 100
 268 63.8 50.3 75.5
 264 60.9 48.2 72.2



#70
 Phenanthrene
 Concen: 36.08 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Tgt Ion:178 Resp: 1005697
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 16.0 12.6 18.8





#71

Anthracene

Concen: 37.41 ng

RT: 11.44 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB95074BS

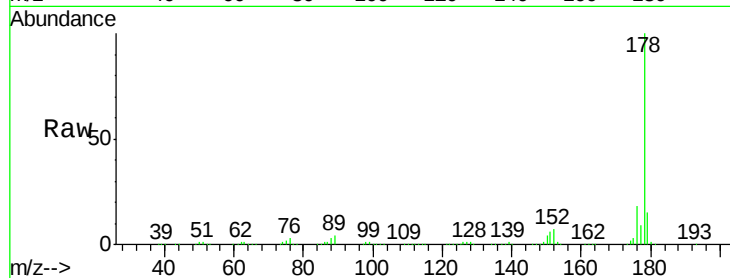
Tgt Ion:178 Resp: 1034888

Ion Ratio Lower Upper

178 100

176 18.2 15.8 23.6

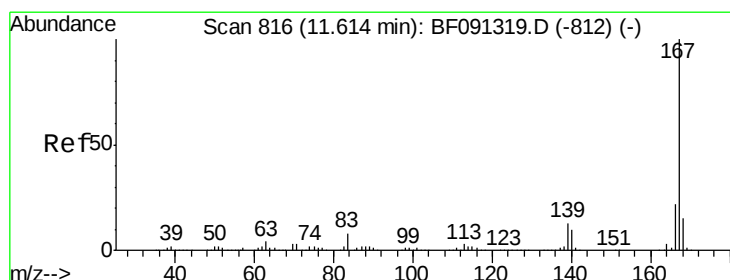
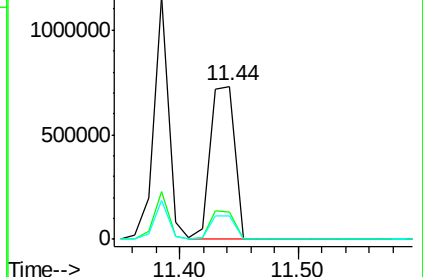
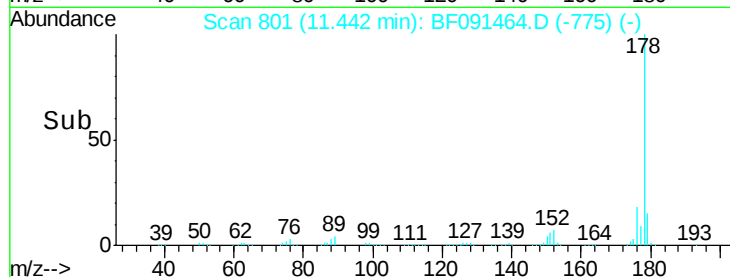
179 15.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.46 ng

RT: 11.59 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

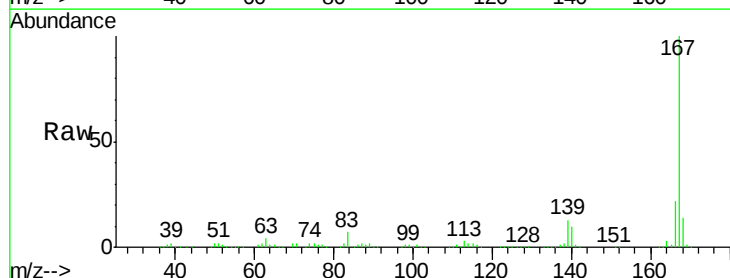
Tgt Ion:167 Resp: 890143

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

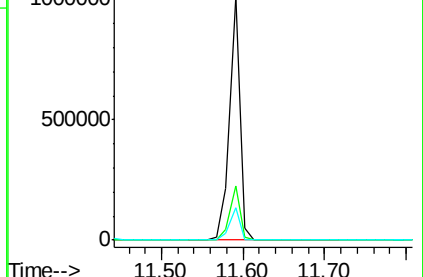
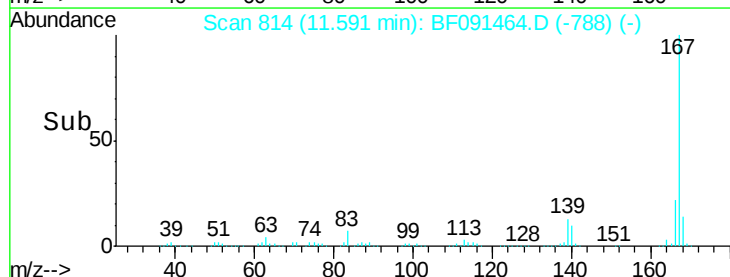
139 13.2 11.5 17.3

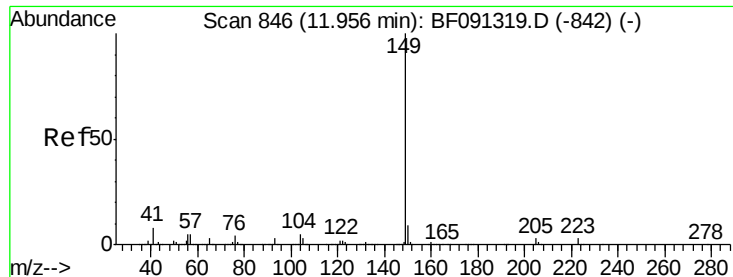


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.07 ng

RT: 11.93 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB95074BS

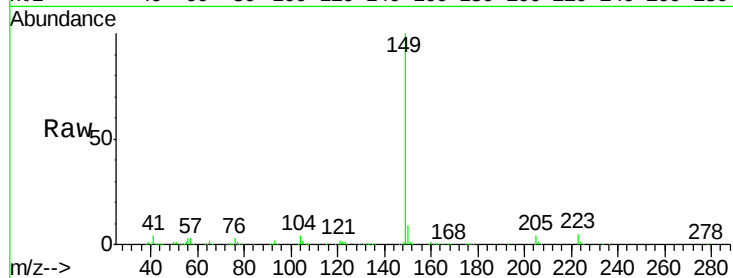
Tgt Ion:149 Resp: 1082851

Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

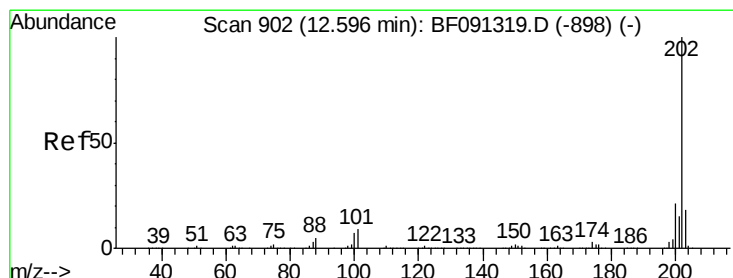
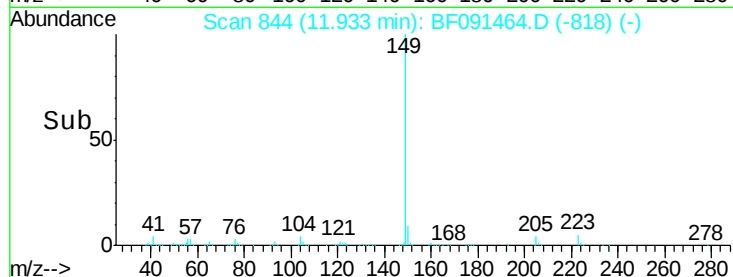
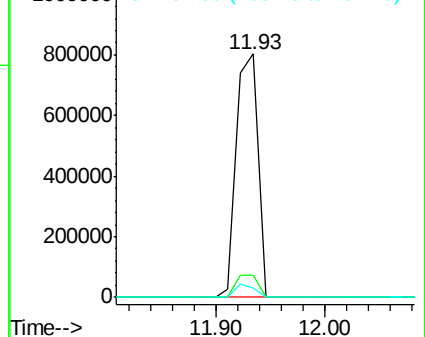
104 3.7 4.0 6.0#



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: 43.44 ng

RT: 12.57 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

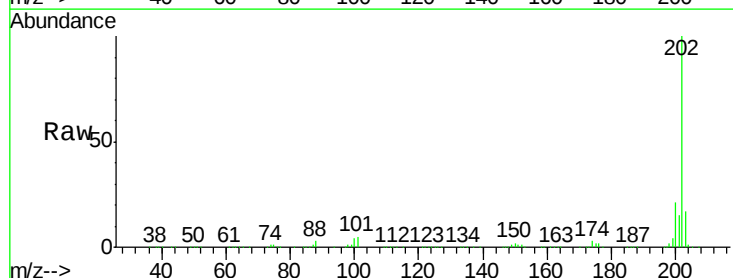
Tgt Ion:202 Resp: 1146695

Ion Ratio Lower Upper

202 100

101 5.1 0.0 29.5

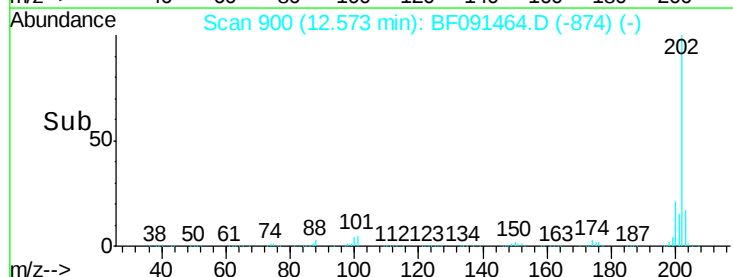
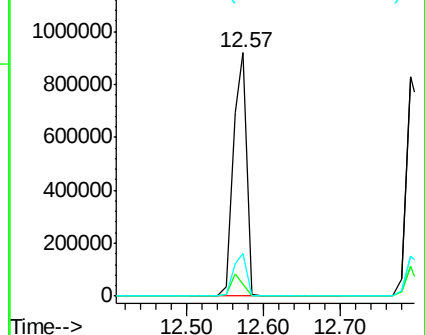
203 17.4 0.0 37.8

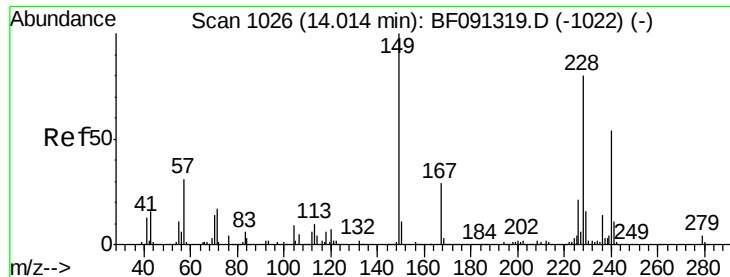


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB95074BS

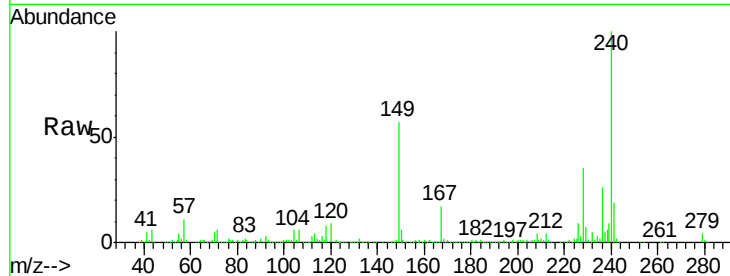
Tgt Ion:240 Resp: 397646

Ion Ratio Lower Upper

240 100

120 9.0 12.1 18.1#

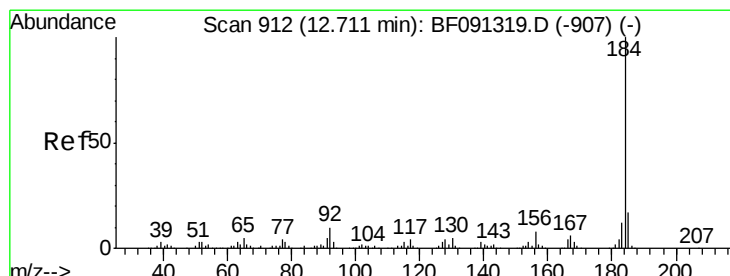
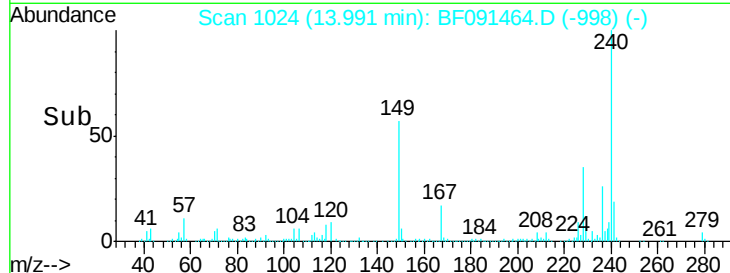
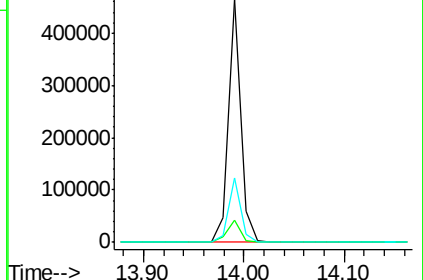
236 26.3 21.0 31.6



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: 12.59 ng

RT: 12.69 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

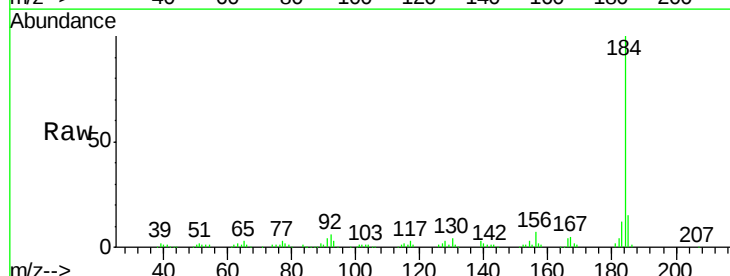
Tgt Ion:184 Resp: 146993

Ion Ratio Lower Upper

184 100

185 15.0 13.1 19.7

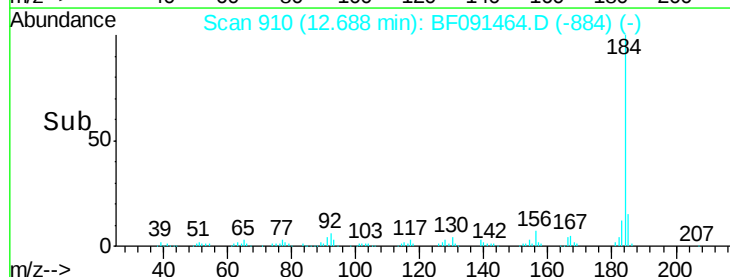
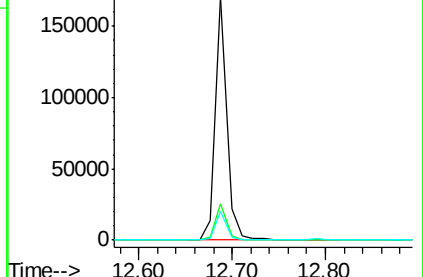
183 11.7 8.9 13.3

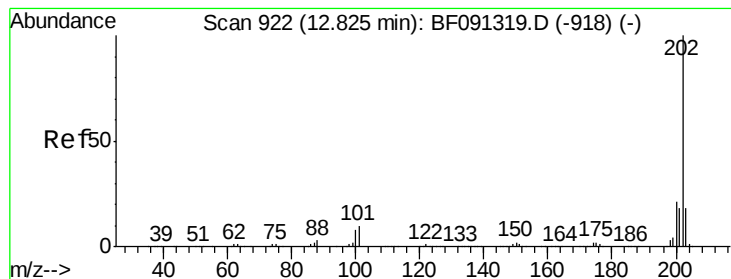


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 36.92 ng

RT: 12.79 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB95074BS

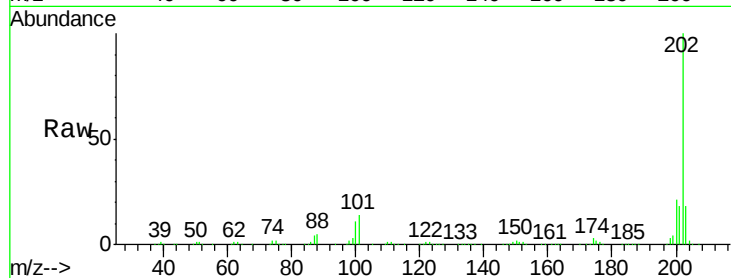
Tgt Ion:202 Resp: 1114216

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

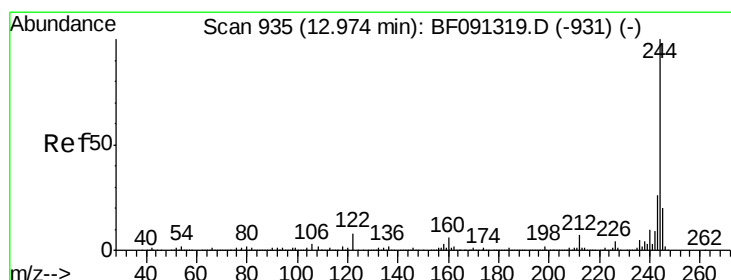
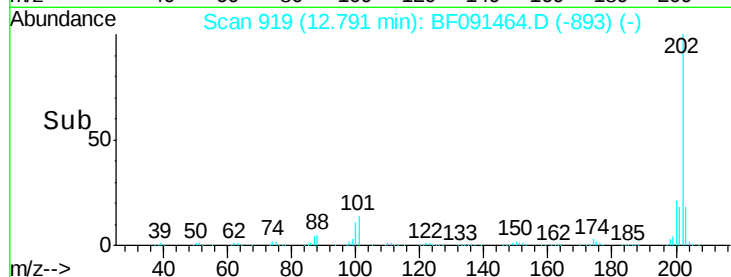
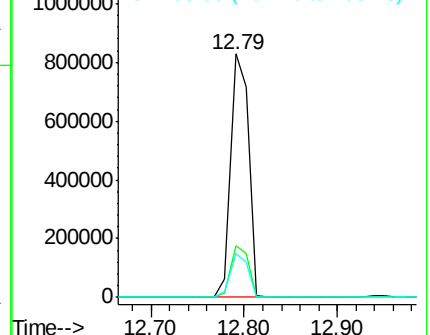
203 18.1 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.14 ng

RT: 12.95 min Scan# 933

Delta R.T. 0.01 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

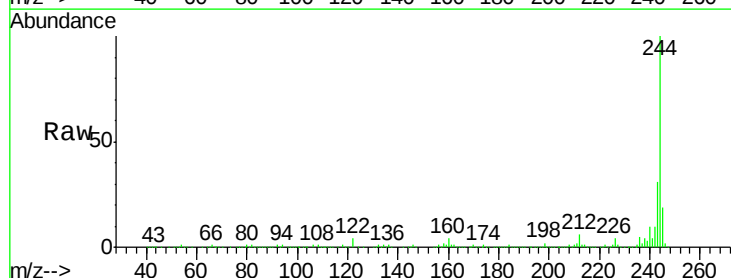
Tgt Ion:244 Resp: 1594301

Ion Ratio Lower Upper

244 100

212 6.2 6.5 9.7#

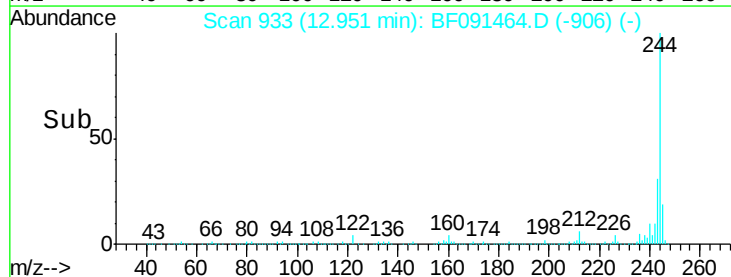
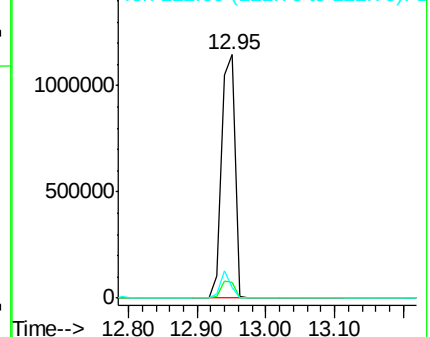
122 4.4 9.5 14.3#

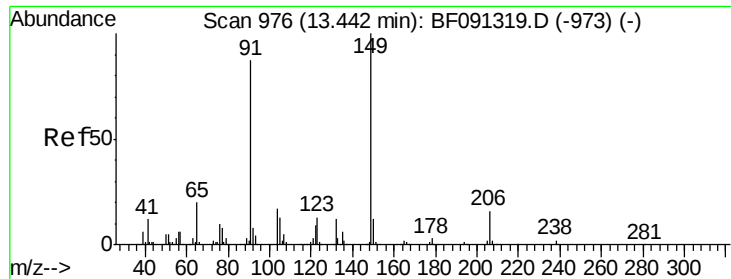


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

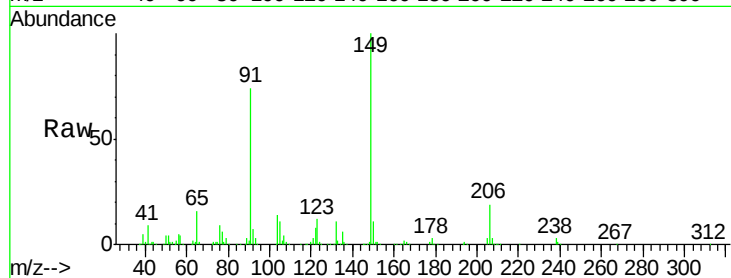




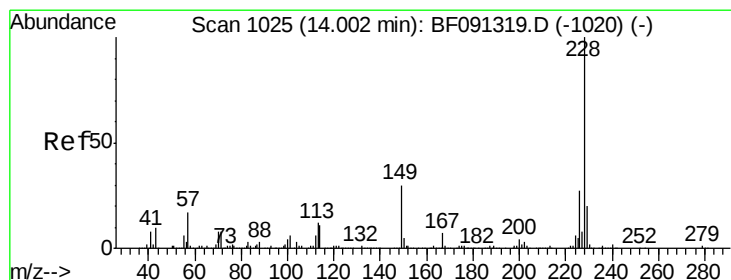
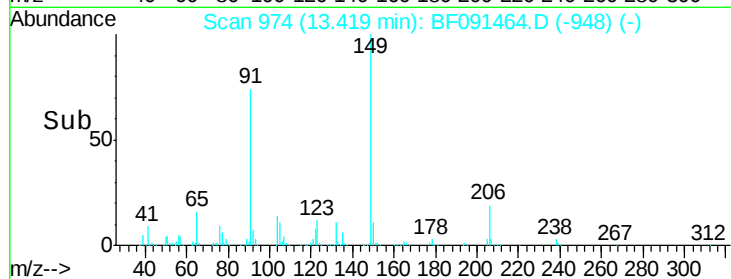
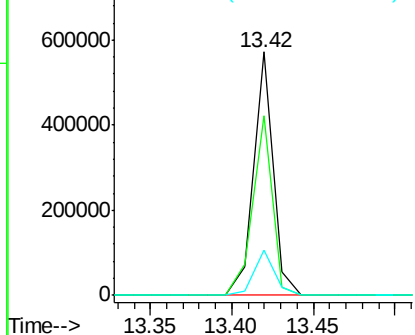
#79
Butylbenzylphthalate
Concen: 42.39 ng
RT: 13.42 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF091464.D
Acq: 6 Dec 2016 17:48

Instrument :
BNA_F
ClientSampleId :
PB95074BS

Tgt Ion:149 Resp: 479015
Ion Ratio Lower Upper
149 100
91 73.6 57.4 86.2
206 18.7 15.4 23.2

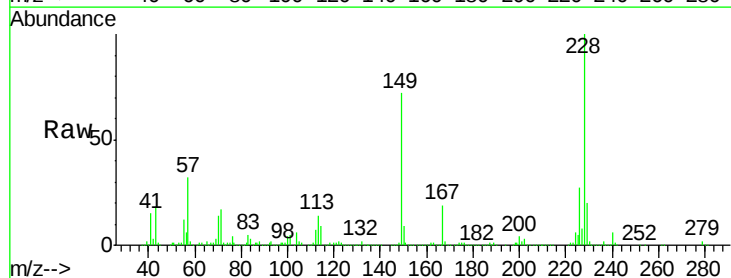


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

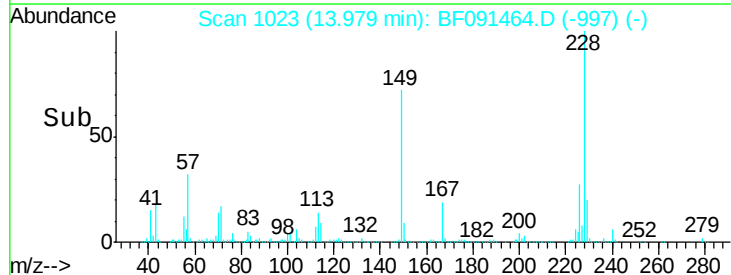
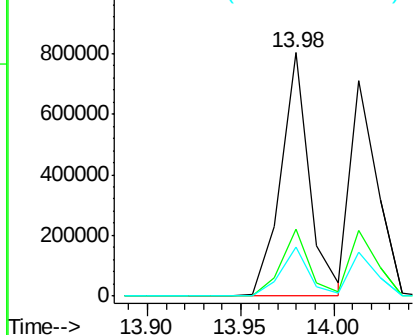


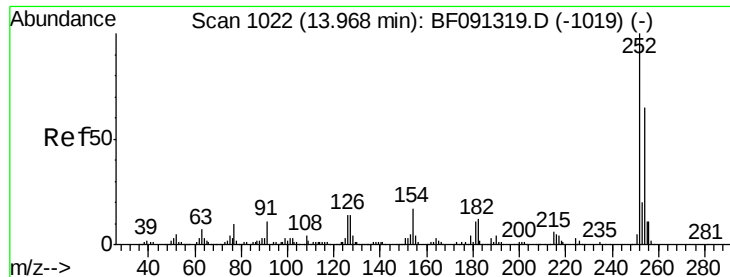
#80
Benzo(a)anthracene
Concen: 36.77 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF091464.D
Acq: 6 Dec 2016 17:48

Tgt Ion:228 Resp: 855000
Ion Ratio Lower Upper
228 100
226 27.4 22.5 33.7
229 20.1 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

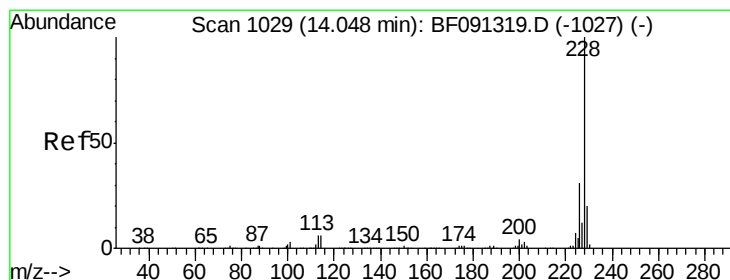
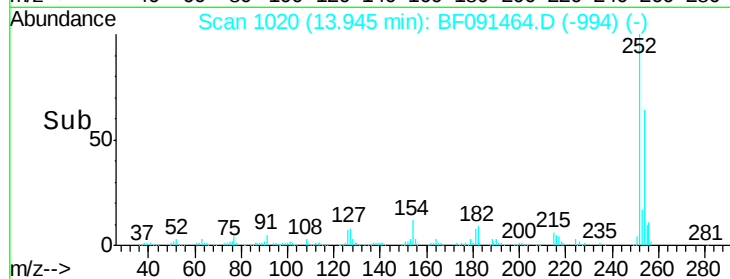
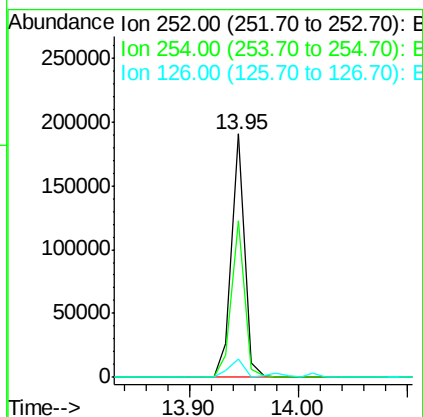
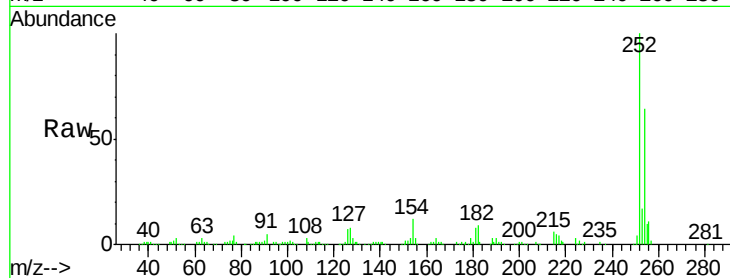




#81
 3,3'-Dichlorobenzidine
 Concen: 19.35 ng
 RT: 13.95 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

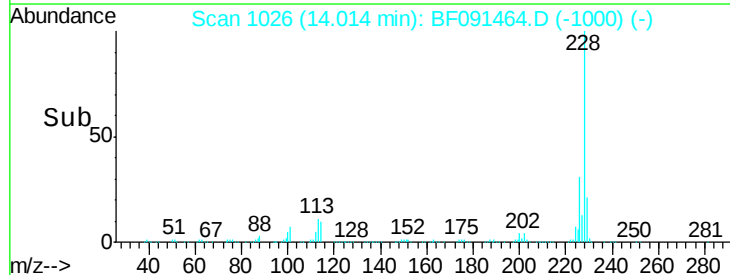
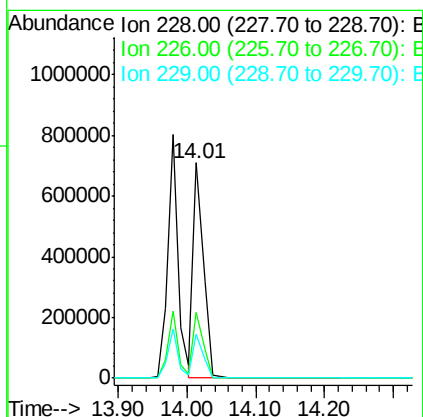
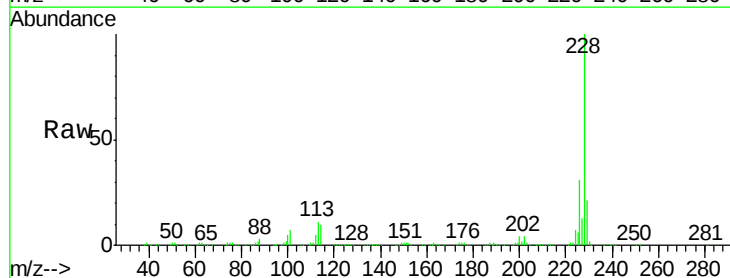
Instrument :
 BNA_F
 ClientSampleId :
 PB95074BS

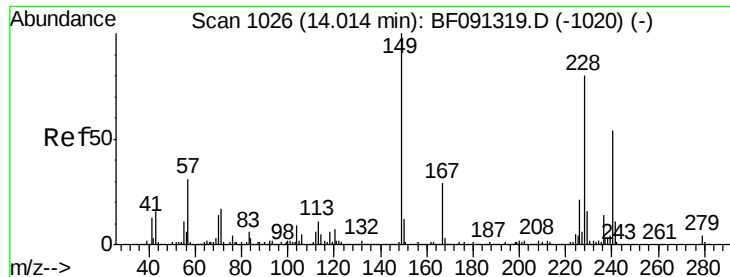
Tgt Ion: 252 Resp: 158520
 Ion Ratio Lower Upper
 252 100
 254 64.1 52.1 78.1
 126 7.4 7.5 11.3#



#82
 Chrysene
 Concen: 31.22 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Tgt Ion: 228 Resp: 718301
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.4
 229 20.5 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.22 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB95074BS

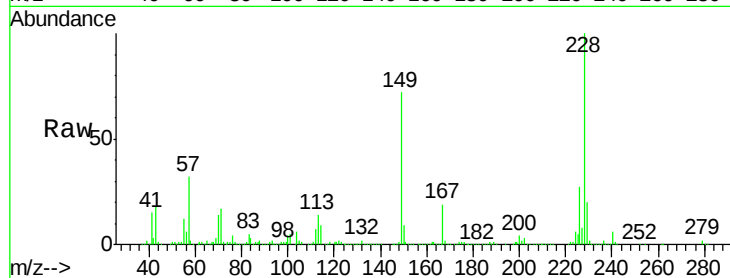
Tgt Ion:149 Resp: 604712

Ion Ratio Lower Upper

149 100

167 25.7 19.6 29.4

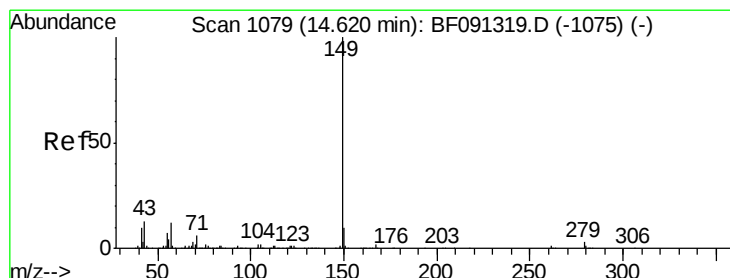
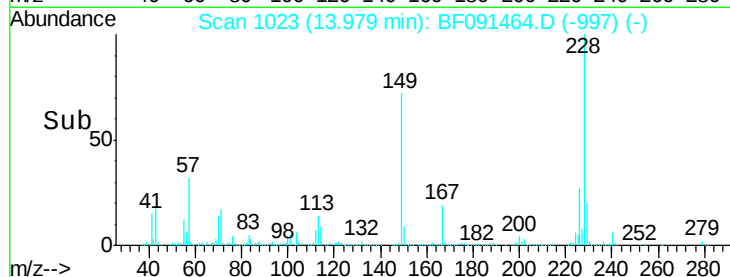
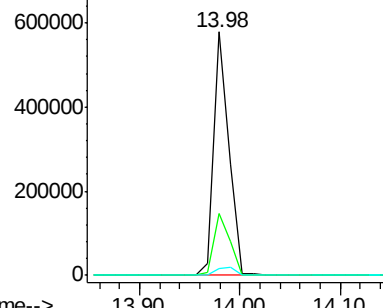
279 2.6 1.9 2.9



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: 45.03 ng

RT: 14.60 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

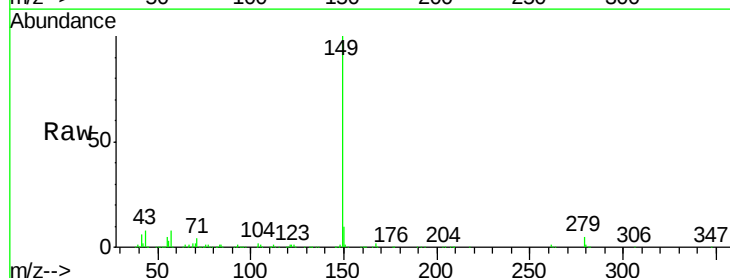
Tgt Ion:149 Resp: 975956

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

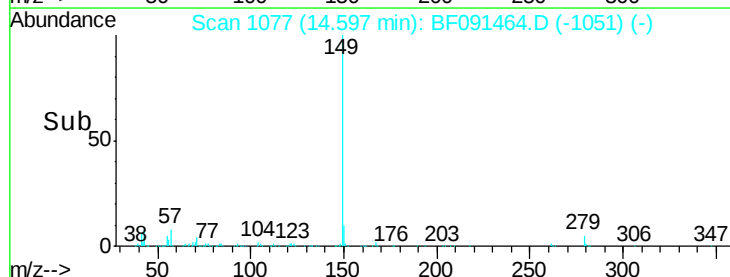
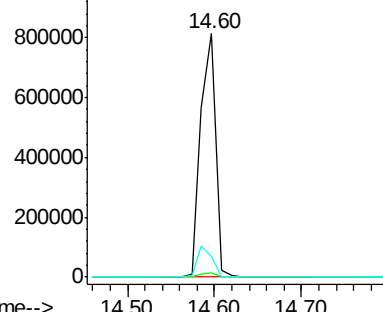
43 12.7 11.9 17.9

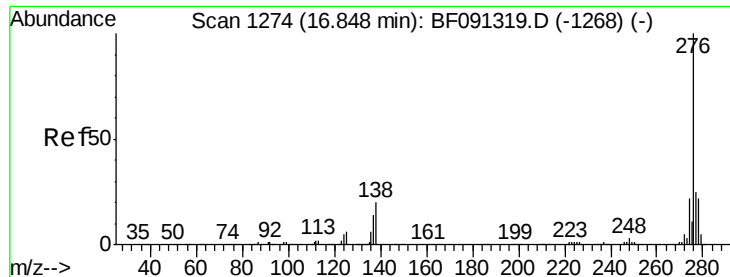


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

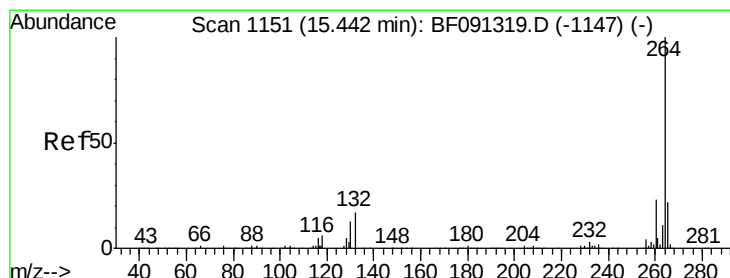
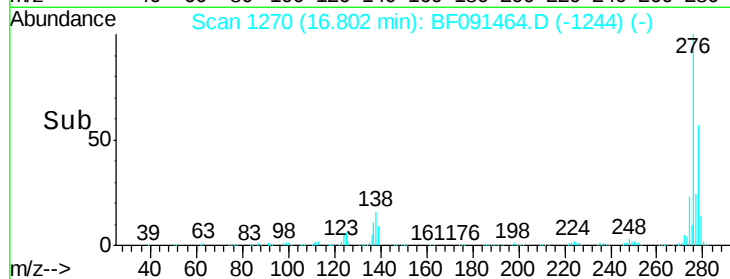
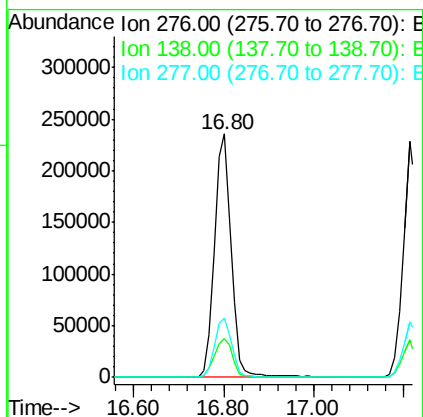
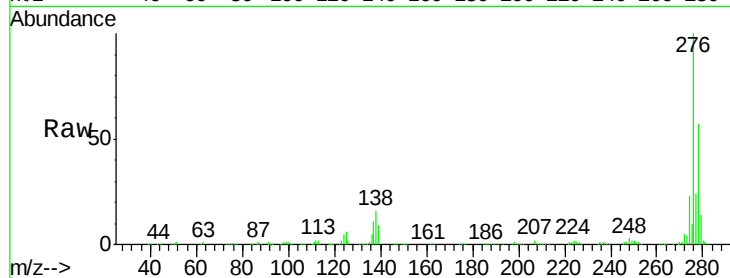




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.99 ng
 RT: 16.80 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

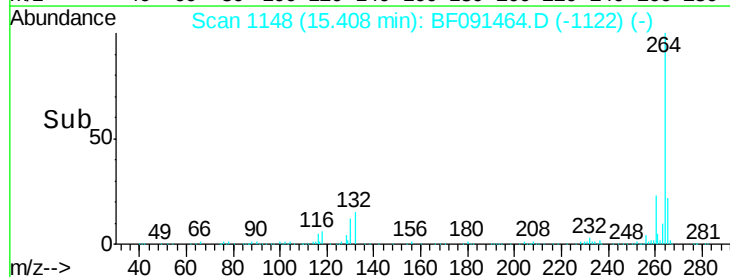
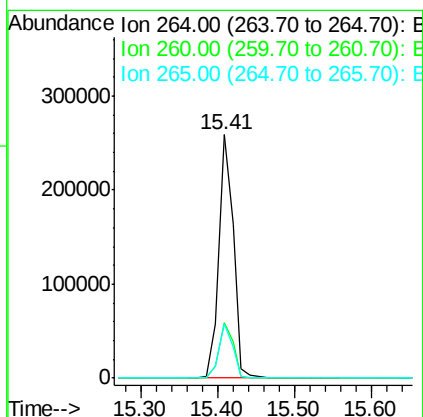
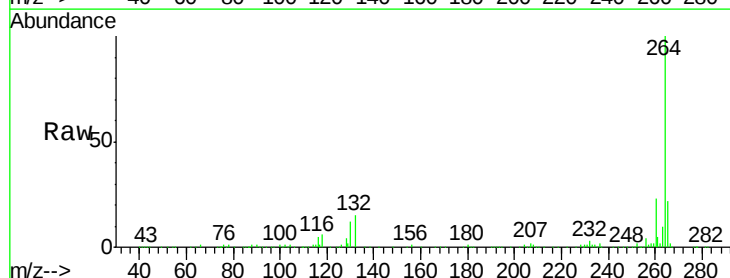
Instrument :
 BNA_F
 ClientSampleId :
 PB95074BS

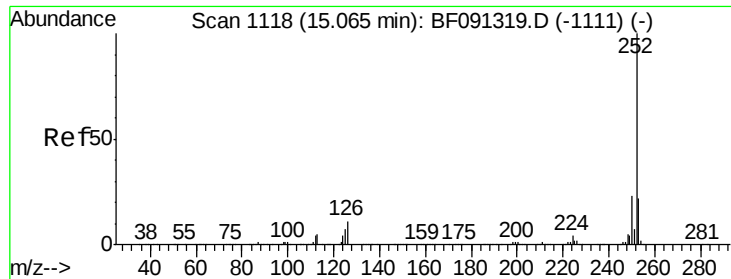
Tgt Ion: 276 Resp: 610968
 Ion Ratio Lower Upper
 276 100
 138 17.3 21.0 31.4#
 277 25.1 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF091464.D
 Acq: 6 Dec 2016 17:48

Tgt Ion: 264 Resp: 342740
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 22.3 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 39.82 ng m

RT: 15.01 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB95074BS

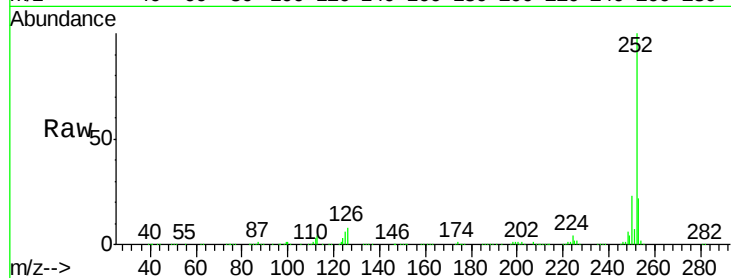
Tgt Ion:252 Resp: 848295

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

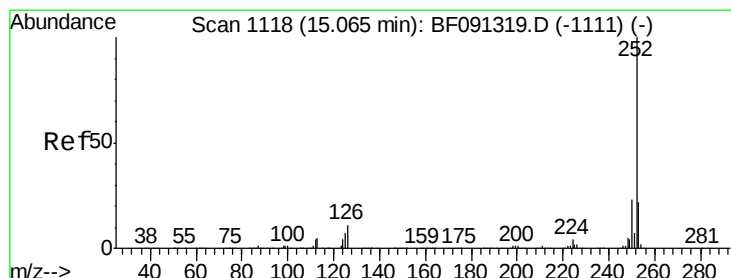
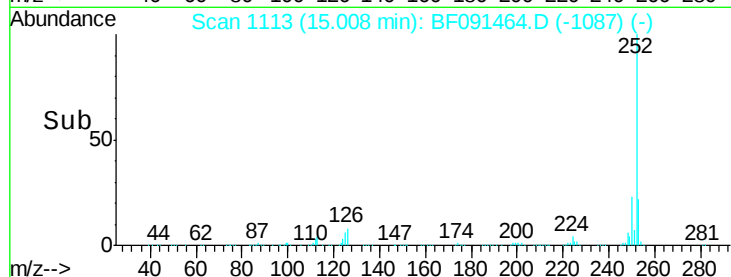
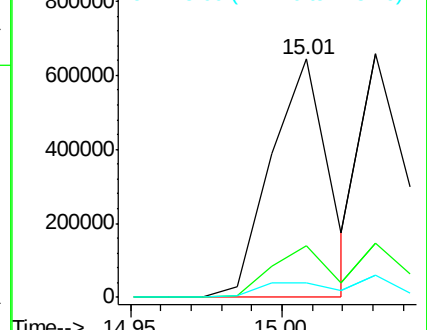
125 6.3 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.80 ng m

RT: 15.03 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

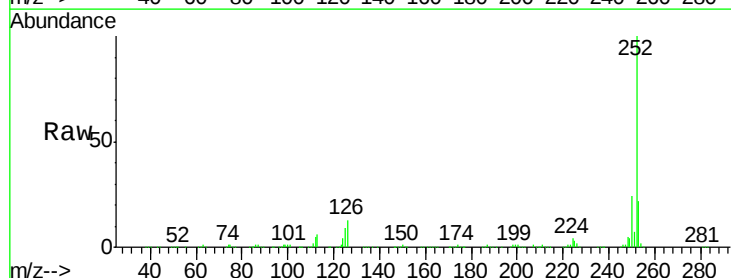
Tgt Ion:252 Resp: 677201

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

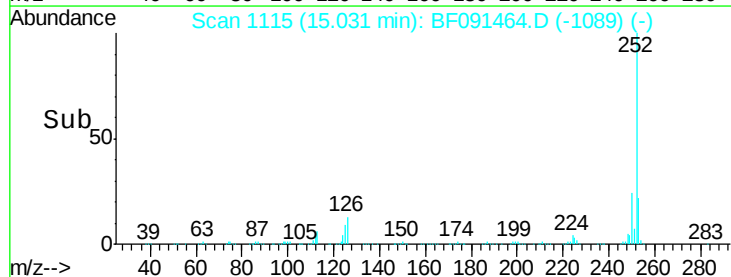
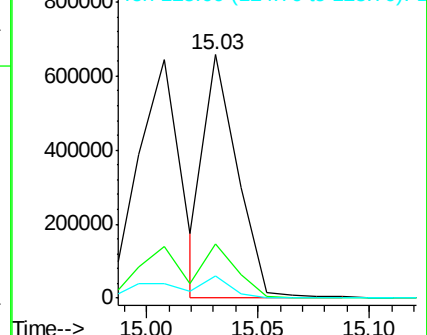
125 9.0 9.6 14.4#

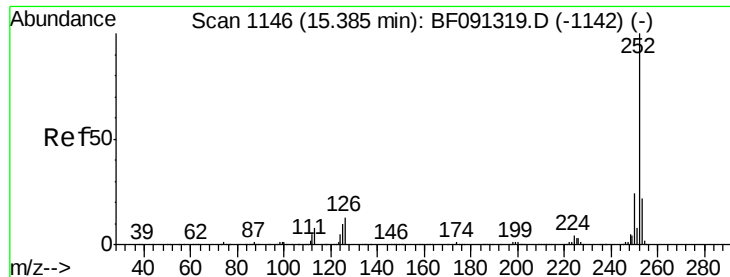


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.31 ng

RT: 15.35 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB95074BS

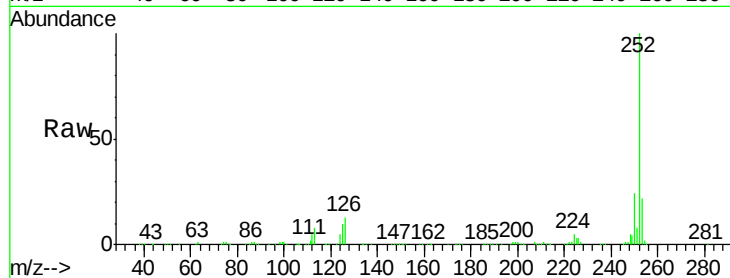
Tgt Ion:252 Resp: 713876

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.4

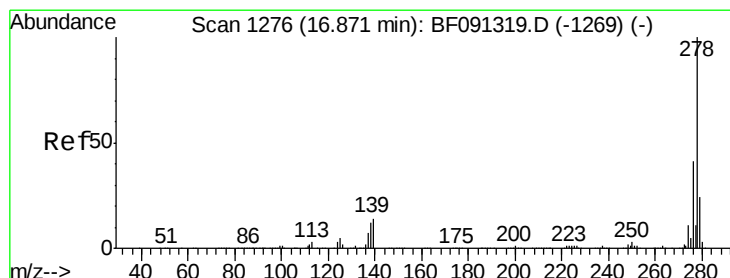
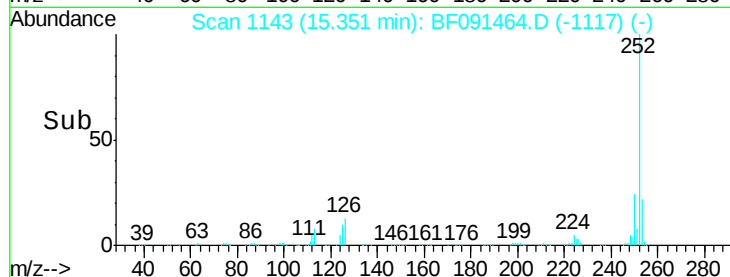
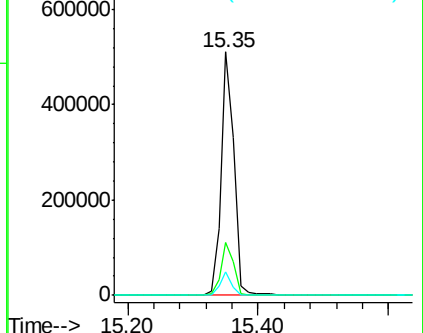
125 9.9 10.4 15.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 29.23 ng

RT: 16.81 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

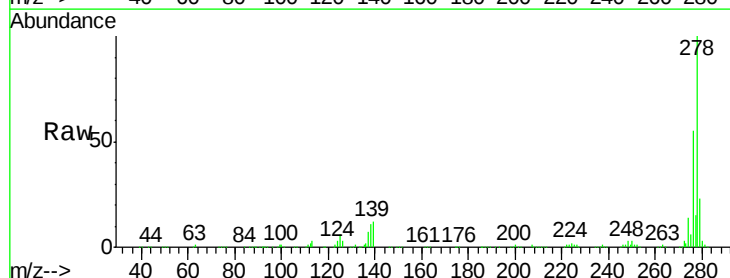
Tgt Ion:278 Resp: 517169

Ion Ratio Lower Upper

278 100

139 11.5 15.1 22.7#

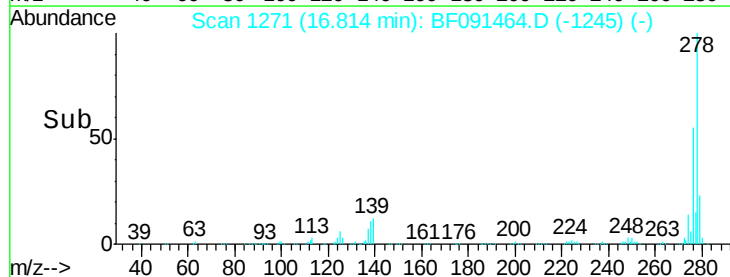
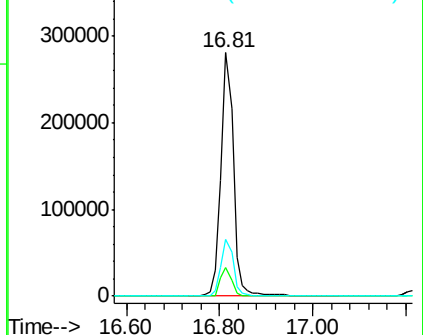
279 23.1 19.0 28.6

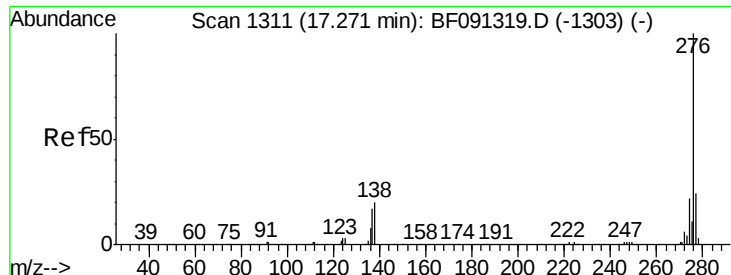


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 27.05 ng

RT: 17.21 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF091464.D

Acq: 6 Dec 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB95074BS

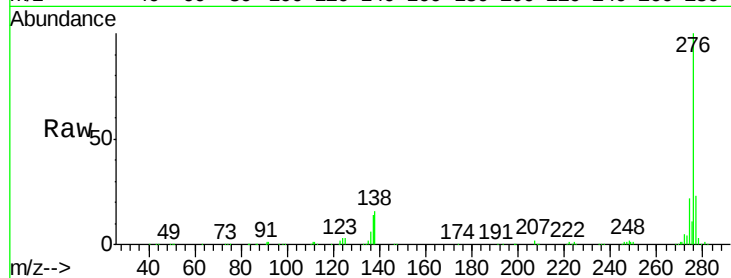
Tgt Ion: 276 Resp: 493592

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 15.8 15.4 23.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

