

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122716\
 Data File : BF091964.D
 Acq On : 27 Dec 2016 13:37
 Operator : UM/SJ
 Sample : PB95595BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Quant Time: Dec 27 23:55:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	290393	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	1164146	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	716633	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	1131415	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	800524	20.00	ng	-0.01
86) Perylene-d12	15.29	264	814991	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	2144337	123.30	ng	0.02
7) Phenol-d6	6.42	99	2964217	139.60	ng	0.01
23) Nitrobenzene-d5	7.31	82	2150511	102.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	727047	122.59	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	3073475	88.39	ng	-0.01
78) Terphenyl-d14	12.84	244	2843687	86.15	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.34	88	330697	38.62	ng	97
3) Pyridine	3.01	79	963546	32.24	ng	97
4) n-Nitrosodimethylamine	2.98	42	447363	39.69	ng	98
6) Aniline	6.40	93	614517	22.28	ng	# 48
8) 2-Chlorophenol	6.53	128	941277	47.58	ng	92
9) Benzaldehyde	6.27	77	141868	9.02	ng	94
10) Phenol	6.43	94	1300087	53.73	ng	# 68
11) bis(2-Chloroethyl)ether	6.48	93	957585	49.74	ng	98
12) 1,3-Dichlorobenzene	6.67	146	940684	44.54	ng	# 94
13) 1,4-Dichlorobenzene	6.75	146	995548	46.31	ng	95
14) 1,2-Dichlorobenzene	6.90	146	754155	40.43	ng	96
15) Benzyl Alcohol	6.90	79	672222	40.74	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1344012	46.88	ng	# 25
17) 2-Methylphenol	7.02	107	808913	50.84	ng	# 88
18) Hexachloroethane	7.24	117	375155	47.08	ng	94
19) n-Nitroso-di-n-propylamine	7.16	70	677282	47.95	ng	98
20) 3+4-Methylphenols	7.18	107	1128899	59.49	ng	# 72
22) Acetophenone	7.15	105	1407624	49.02	ng	# 92
24) Nitrobenzene	7.32	77	967819	43.40	ng	96
25) Isophorone	7.56	82	1843168	47.72	ng	95
26) 2-Nitrophenol	7.64	139	558157	50.76	ng	92
27) 2,4-Dimethylphenol	7.70	122	780466	42.79	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	1122738	47.93	ng	100
29) 2,4-Dichlorophenol	7.90	162	741174	47.99	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	761591	45.00	ng	# 96
31) Naphthalene	8.04	128	2447065	45.93	ng	100
32) Benzoic acid	7.86	122	592537	43.80	ng	99
33) 4-Chloroaniline	8.10	127	230220	9.58	ng	99
34) Hexachlorobutadiene	8.17	225	420679	47.09	ng	98
35) Caprolactam	8.49	113	158235	31.18	ng	87
36) 4-Chloro-3-methylphenol	8.61	107	744862	41.91	ng	99
37) 2-Methylnaphthalene	8.74	142	1765976	65.10	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	678200	37.46	ng	99
40) Hexachlorocyclopentadiene	8.89	237	614197	76.36	ng	95

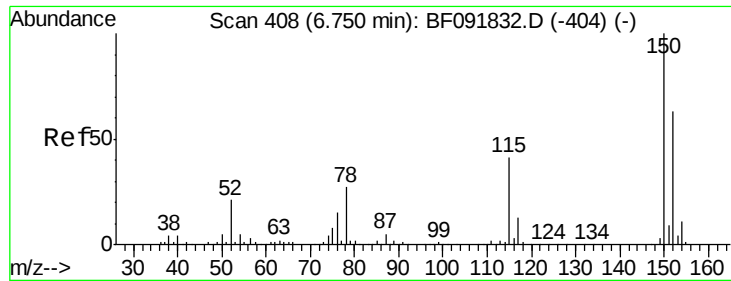
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122716\
 Data File : BF091964.D
 Acq On : 27 Dec 2016 13:37
 Operator : UM/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	475656	37.56	ng	95
43) 2,4,5-Trichlorophenol	9.08	196	498297	38.24	ng	# 86
45) 1,1'-Biphenyl	9.20	154	2089218	42.58	ng	96
46) 2-Chloronaphthalene	9.22	162	1563500	40.24	ng	94
47) 2-Nitroaniline	9.33	65	640829	46.32	ng	# 83
48) Acenaphthylene	9.64	152	2686015	44.95	ng	99
49) Dimethylphthalate	9.52	163	2123973	46.34	ng	99
50) 2,6-Dinitrotoluene	9.57	165	456384	45.49	ng	# 84
51) Acenaphthene	9.81	154	1726249	42.61	ng	99
52) 3-Nitroaniline	9.74	138	235081	18.94	ng	# 76
53) 2,4-Dinitrophenol	9.86	184	482982	86.52	ng	94
54) Dibenzofuran	9.98	168	2314875	42.31	ng	98
55) 4-Nitrophenol	9.95	139	837812	99.39	ng	# 67
56) 2,4-Dinitrotoluene	9.97	165	495192	39.33	ng	# 82
57) Fluorene	10.33	166	1808508	45.43	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	477604	46.34	ng	99
59) Diethylphthalate	10.21	149	2014141	45.25	ng	96
60) 4-Chlorophenyl-phenylether	10.32	204	718573	41.22	ng	94
61) 4-Nitroaniline	10.36	138	464906	36.14	ng	95
62) Azobenzene	10.48	77	2167194	44.22	ng	97
64) 4,6-Dinitro-2-methylphenol	10.38	198	306515	44.80	ng	# 52
65) n-Nitrosodiphenylamine	10.44	169	1489191	44.36	ng	100
66) 4-Bromophenyl-phenylether	10.81	248	556228	47.26	ng	# 89
67) Hexachlorobenzene	10.88	284	573778	45.61	ng	# 86
68) Atrazine	10.98	200	548046	50.61	ng	97
69) Pentachlorophenol	11.07	266	544418	88.20	ng	98
70) Phenanthrene	11.29	178	2740231	44.67	ng	99
71) Anthracene	11.33	178	2418099	44.17	ng	100
72) Carbazole	11.49	167	2212401	42.89	ng	100
73) Di-n-butylphthalate	11.82	149	2652091	45.68	ng	100
74) Fluoranthene	12.46	202	2418568	44.93	ng	100
76) Benzidine	12.59	184	691385	31.49	ng	97
77) Pyrene	12.69	202	2452683	41.76	ng	99
79) Butylbenzylphthalate	13.32	149	1229561	46.03	ng	97
80) Benzo(a)anthracene	13.88	228	2061712	45.63	ng	100
81) 3,3'-Dichlorobenzidine	13.85	252	422035	24.63	ng	98
82) Chrysene	13.93	228	2170512	47.89	ng	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1354048	43.04	ng	98
84) Di-n-octyl phthalate	14.50	149	2938158	50.42	ng	99
85) Indeno(1,2,3-cd)pyrene	16.63	276	2030081	51.70	ng	98
87) Benzo(b)fluoranthene	14.93	252	4369554	86.12	ng	# 97
88) Benzo(k)fluoranthene	14.93	252	4371672	101.04	ng	98
89) Benzo(a)pyrene	15.24	252	2068793	45.94	ng	# 95
90) Dibenzo(a,h)anthracene	16.65	278	1660022	44.85	ng	98
91) Benzo(g,h,i)perylene	17.04	276	1744318	45.32	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

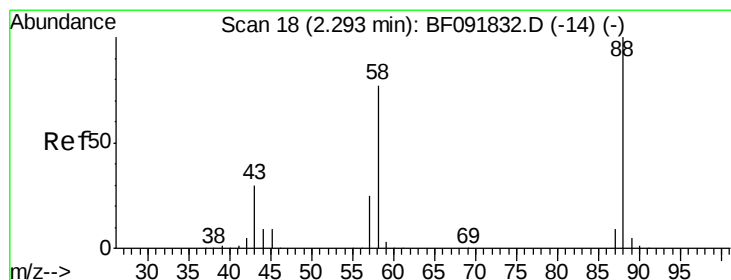
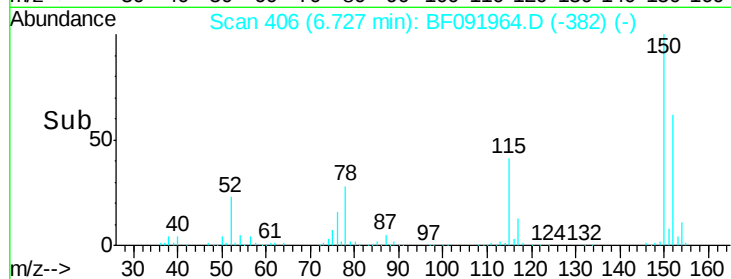
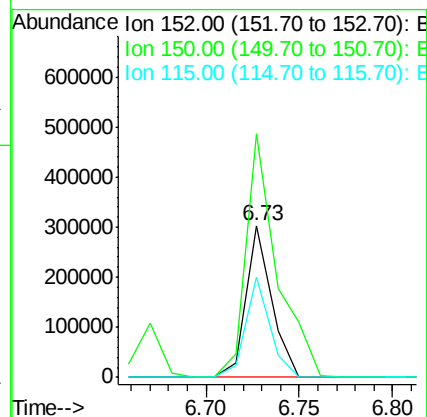
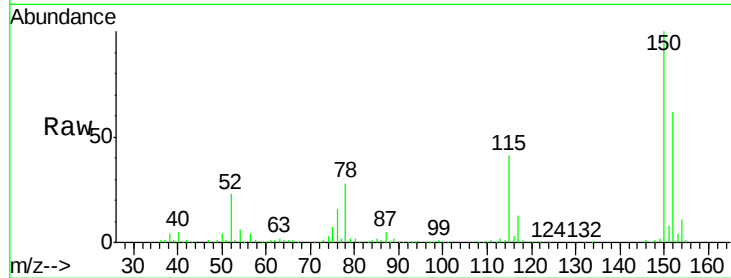
Tgt Ion:152 Resp: 290393

Ion Ratio Lower Upper

152 100

150 160.7 124.9 187.3

115 66.0 46.0 69.0



#2

1,4-Dioxane

Concen: 38.62 ng

RT: 2.34 min Scan# 22

Delta R.T. 0.05 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

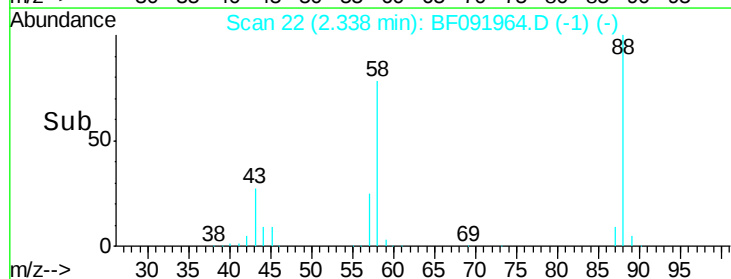
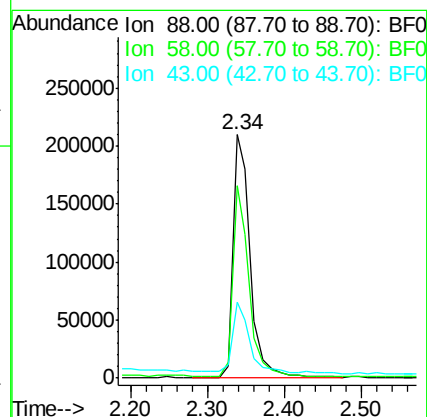
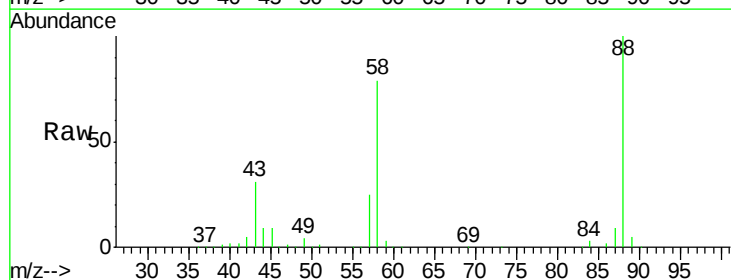
Tgt Ion: 88 Resp: 330697

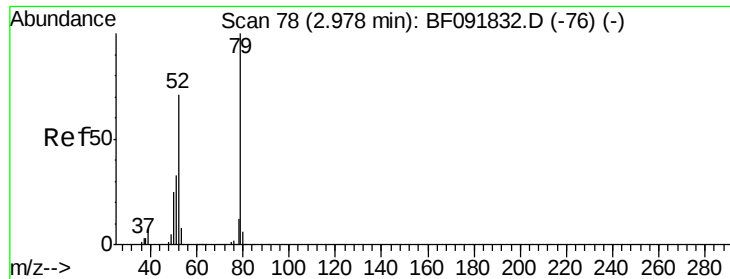
Ion Ratio Lower Upper

88 100

58 74.0 57.8 86.8

43 30.5 22.3 33.5





#3

Pyridine

Concen: 32.24 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.03 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

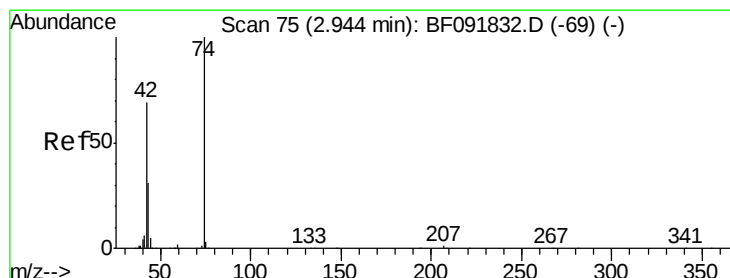
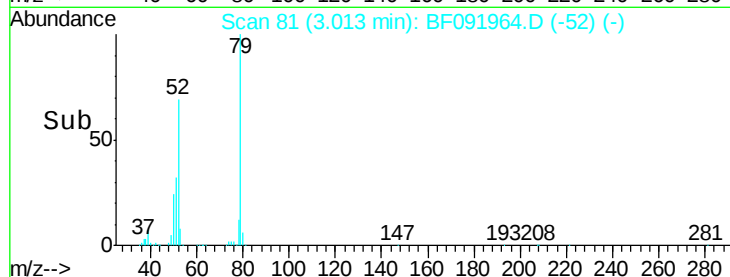
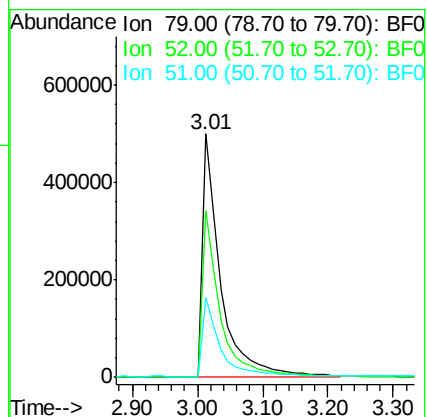
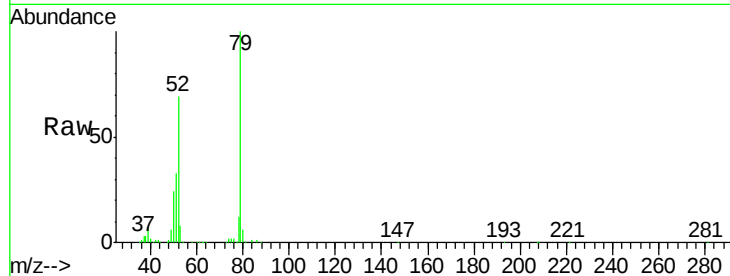
Tgt Ion: 79 Resp: 963546

Ion Ratio Lower Upper

79 100

52 68.7 57.1 85.7

51 32.6 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 39.69 ng

RT: 2.98 min Scan# 78

Delta R.T. 0.03 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

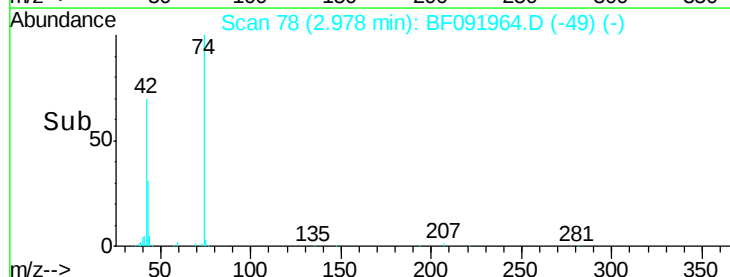
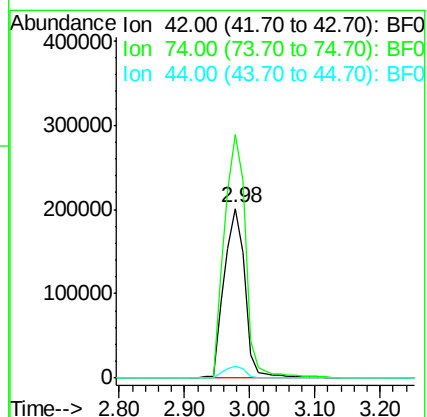
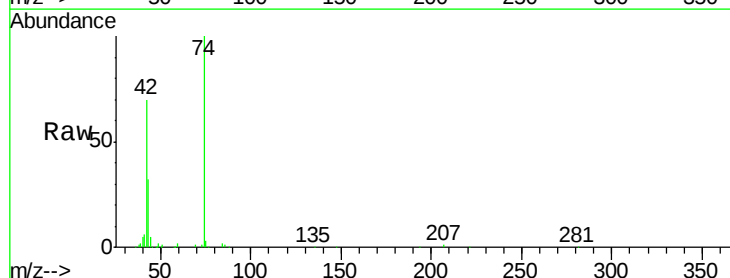
Tgt Ion: 42 Resp: 447363

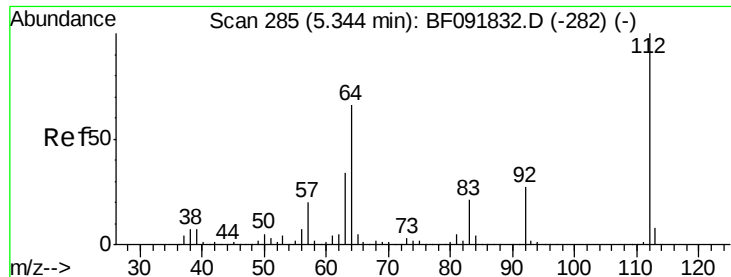
Ion Ratio Lower Upper

42 100

74 143.3 117.0 175.4

44 6.8 5.5 8.3





#5

2-Fluorophenol

Concen: 123.30 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

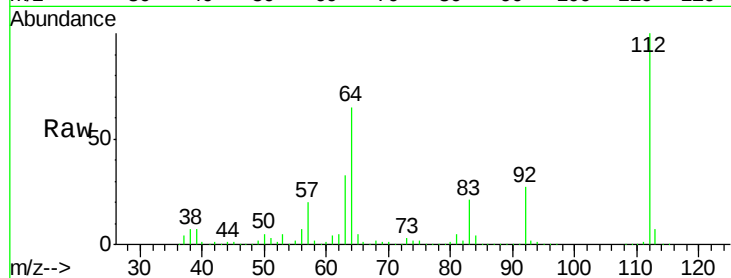
Tgt Ion: 112 Resp: 2144337

Ion Ratio Lower Upper

112 100

64 65.0 46.1 69.1

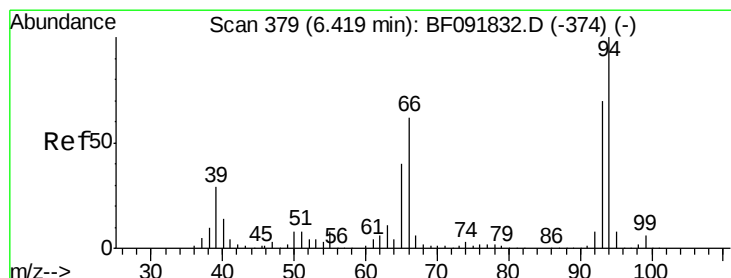
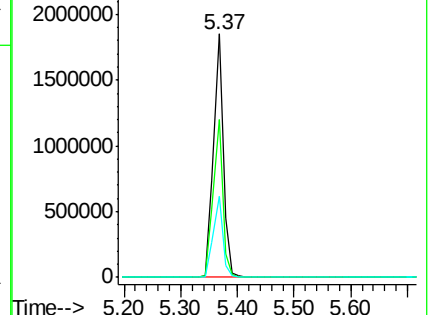
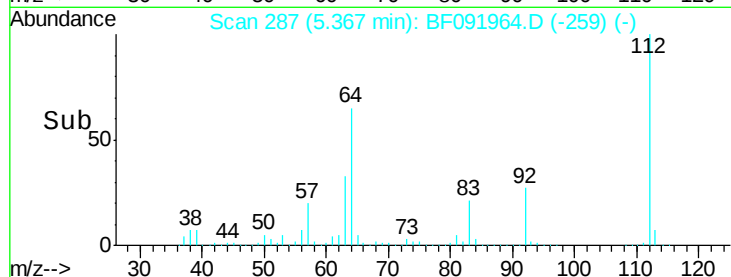
63 33.5 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.28 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

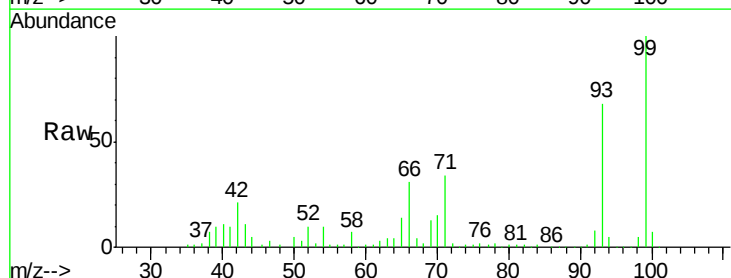
Tgt Ion: 93 Resp: 614517

Ion Ratio Lower Upper

93 100

66 45.8 76.2 114.2#

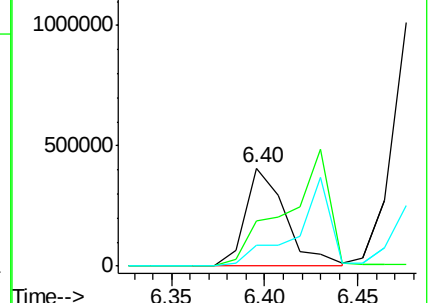
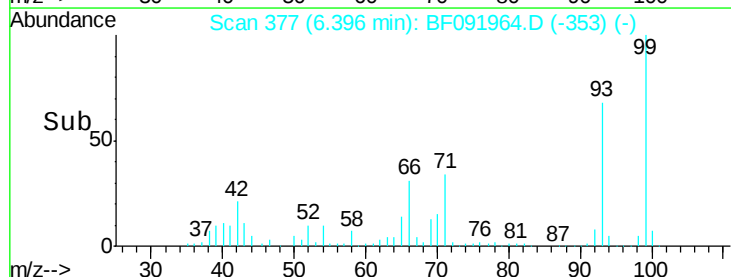
65 20.7 49.3 73.9#

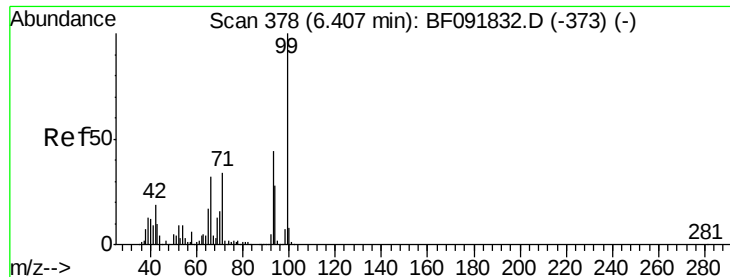


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 139.60 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampled :

PB95595BS

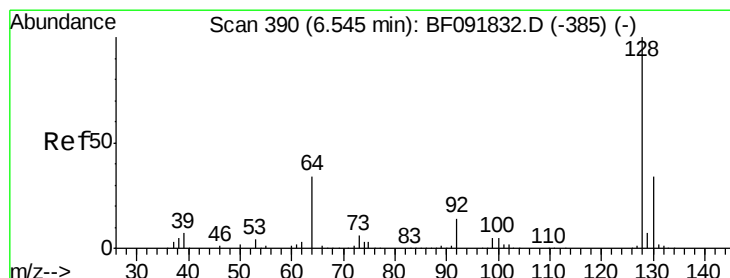
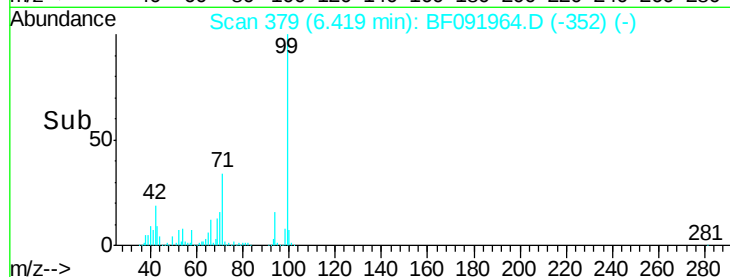
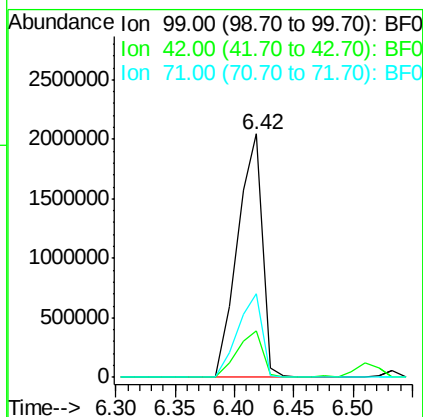
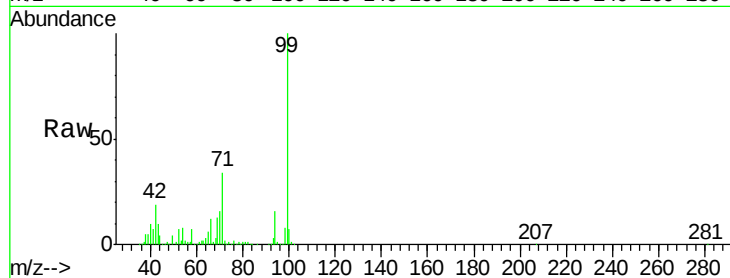
Tgt Ion: 99 Resp: 2964217

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

71 34.4 27.5 41.3



#8

2-Chlorophenol

Concen: 47.58 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

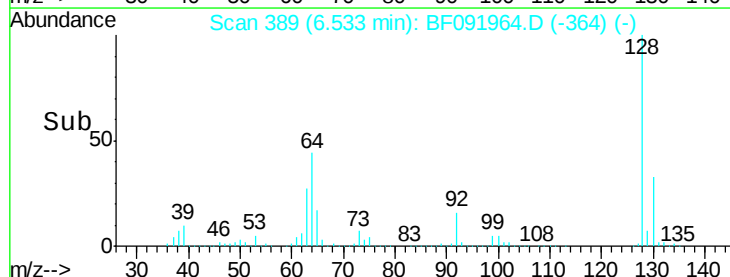
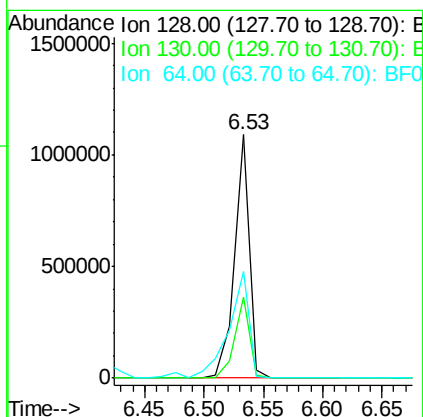
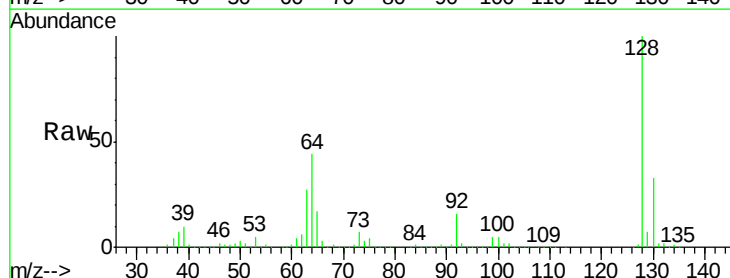
Tgt Ion: 128 Resp: 941277

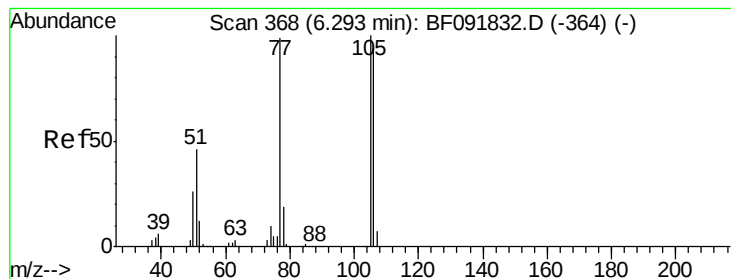
Ion Ratio Lower Upper

128 100

130 33.5 12.3 52.3

64 44.0 32.2 72.2





#9

Benzaldehyde

Concen: 9.02 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

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ClientSampleId :

PB95595BS

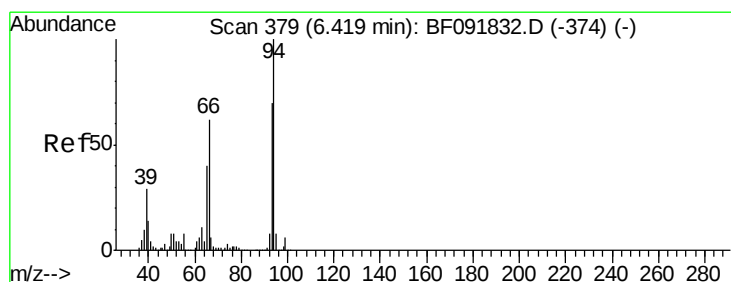
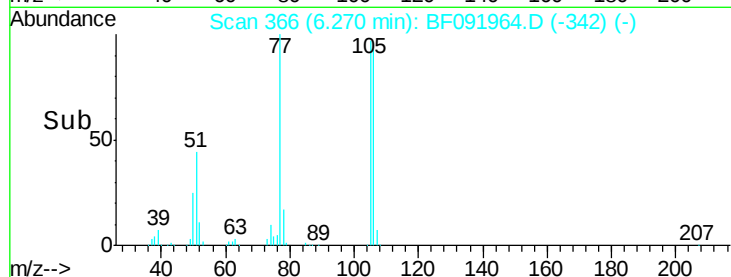
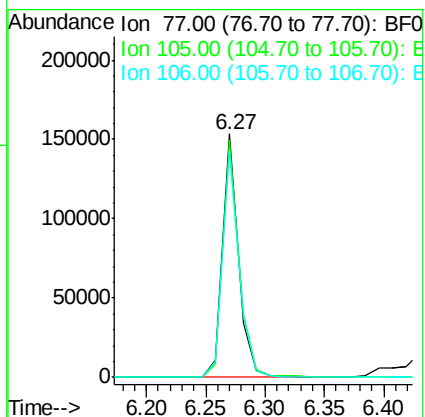
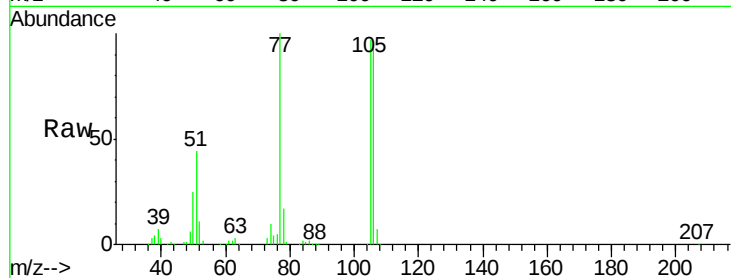
Tgt Ion: 77 Resp: 141868

Ion Ratio Lower Upper

77 100

105 97.2 83.9 123.9

106 92.5 77.6 117.6



#10

Phenol

Concen: 53.73 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

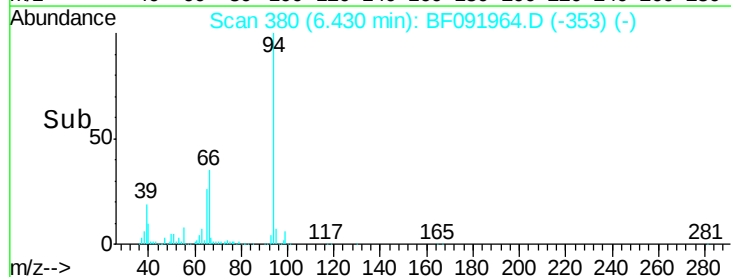
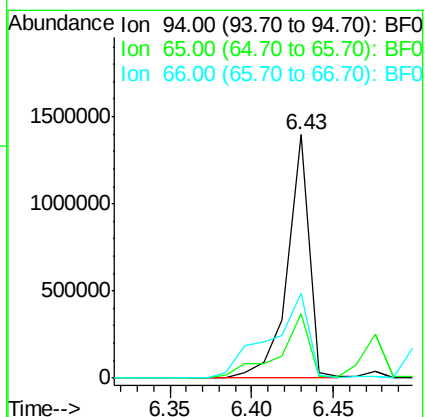
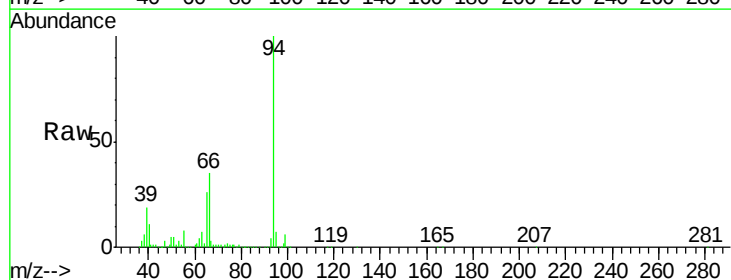
Tgt Ion: 94 Resp: 1300087

Ion Ratio Lower Upper

94 100

65 26.3 21.4 61.4

66 34.9 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 49.74 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.02 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

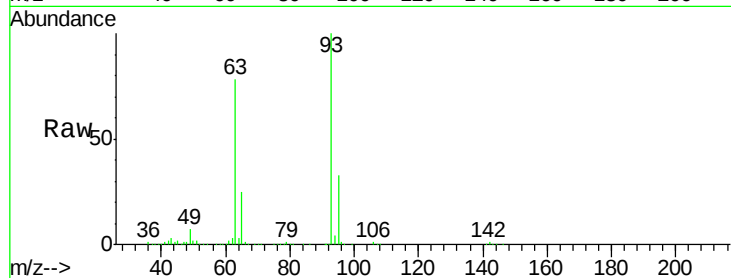
Tgt Ion: 93 Resp: 957585

Ion Ratio Lower Upper

93 100

63 78.2 60.4 100.4

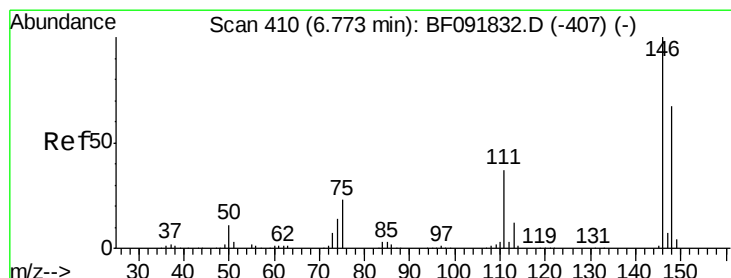
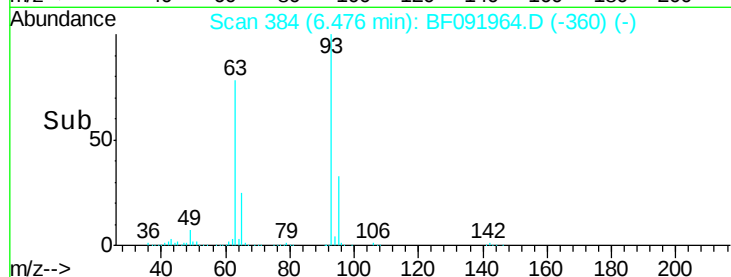
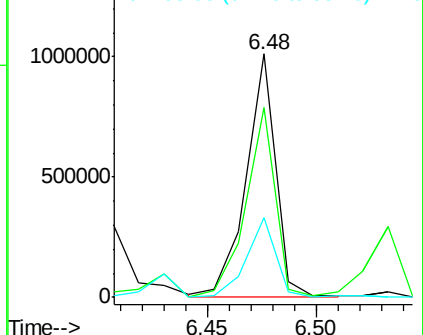
95 32.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 44.54 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

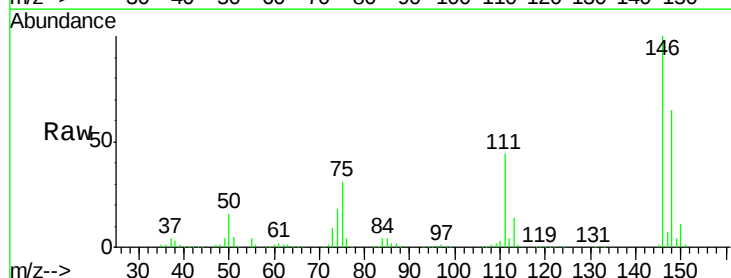
Tgt Ion: 146 Resp: 940684

Ion Ratio Lower Upper

146 100

148 64.9 53.4 80.0

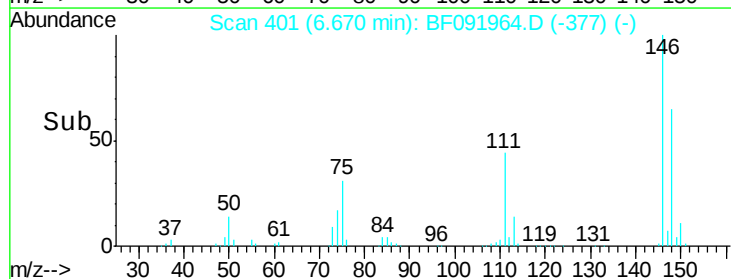
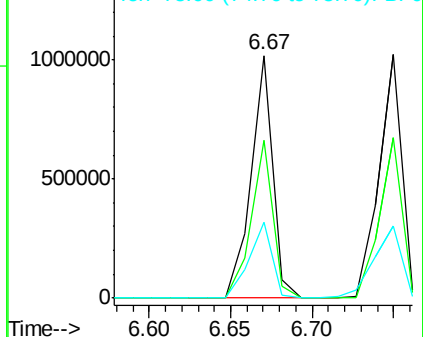
75 31.3 18.5 27.7#

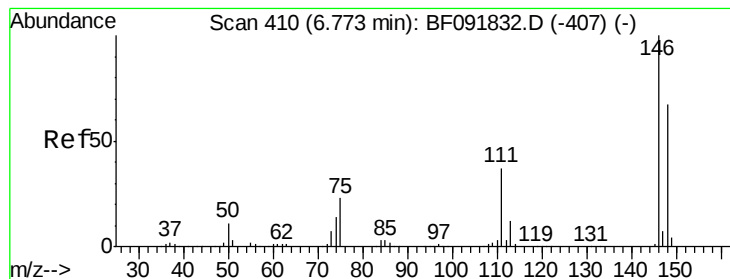


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

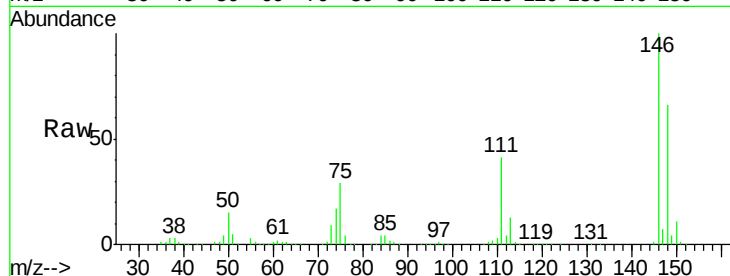




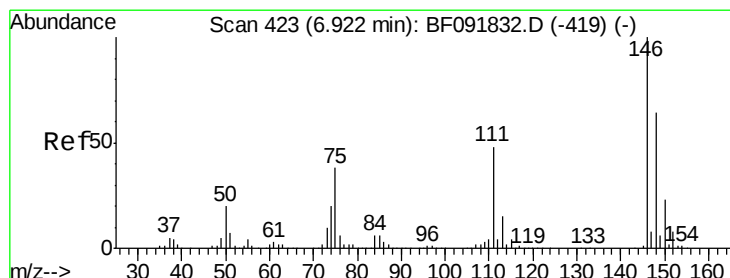
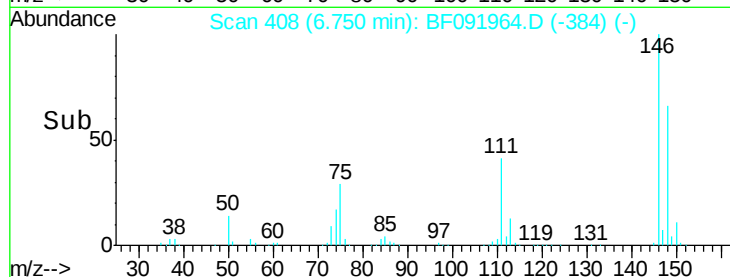
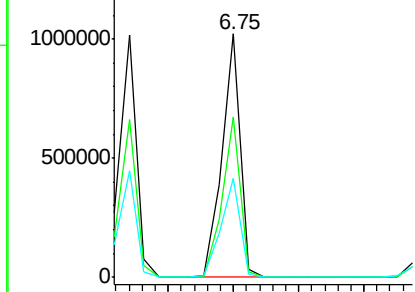
#13
 1,4-Dichlorobenzene
 Concen: 46.31 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.02 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Tgt Ion:146 Resp: 995548
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.6 76.0
 111 40.5 36.2 54.4

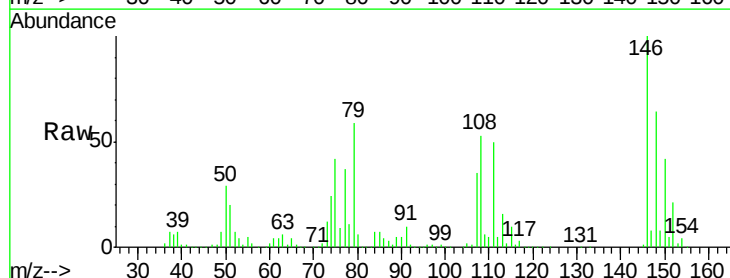


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

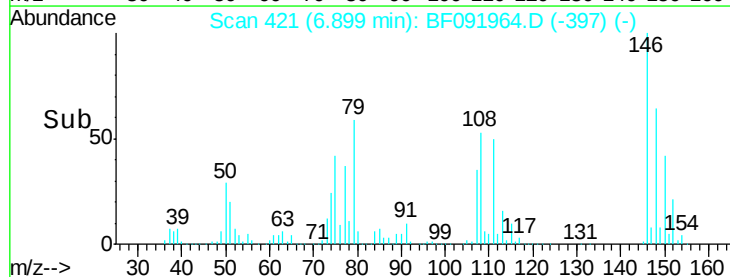
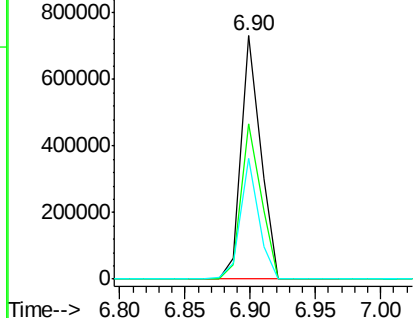


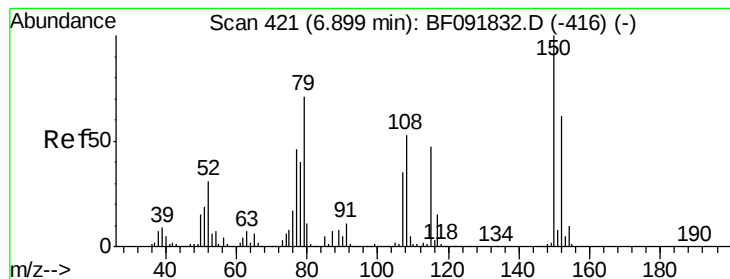
#14
 1,2-Dichlorobenzene
 Concen: 40.43 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

Tgt Ion:146 Resp: 754155
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 49.6 36.2 54.2



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





#15

Benzyl Alcohol

Concen: 40.74 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

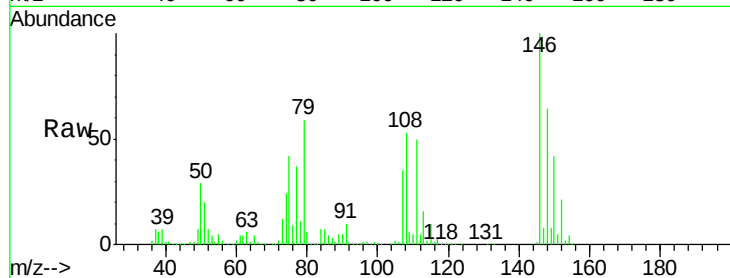
Tgt Ion: 79 Resp: 672222

Ion Ratio Lower Upper

79 100

108 88.4 61.4 92.0

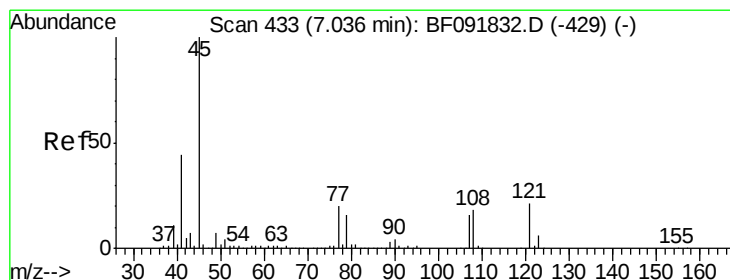
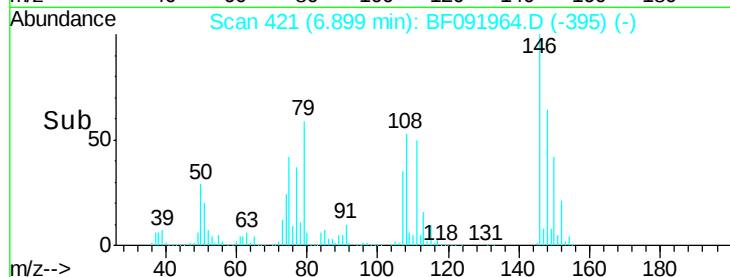
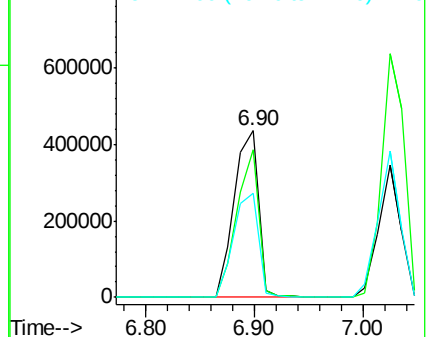
77 63.0 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.88 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

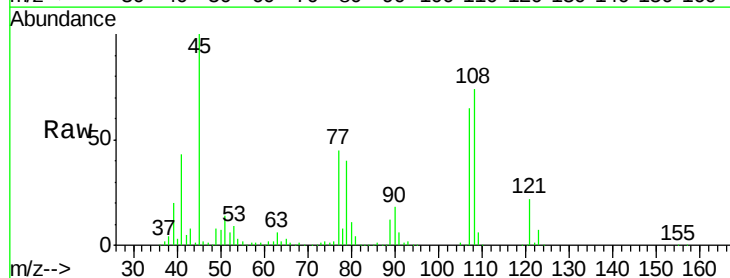
Tgt Ion: 45 Resp: 1344012

Ion Ratio Lower Upper

45 100

77 44.7 0.0 34.6#

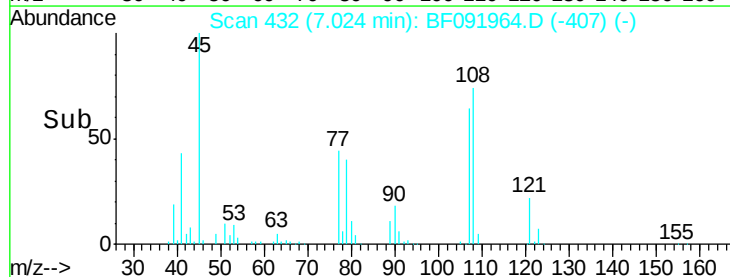
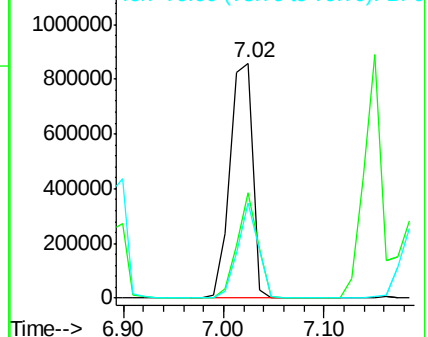
79 40.4 0.0 31.2#

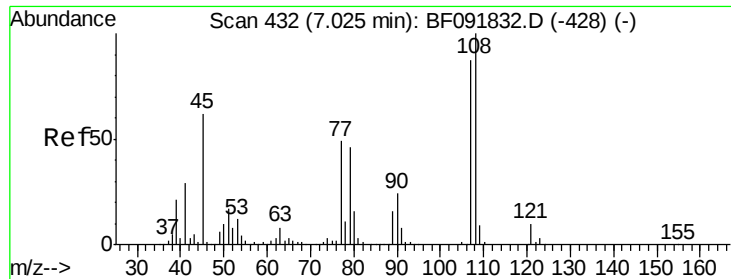


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

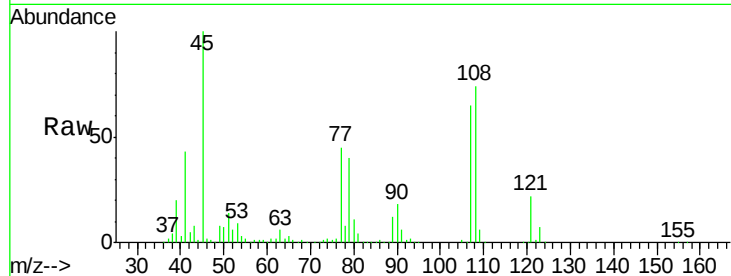




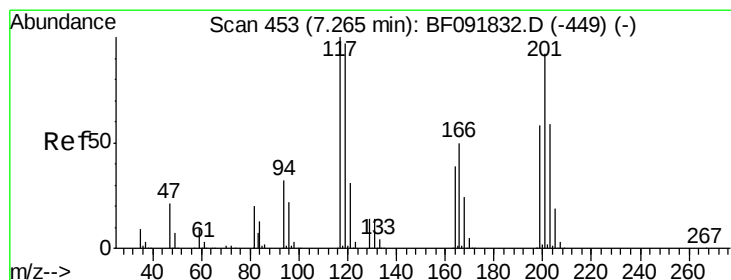
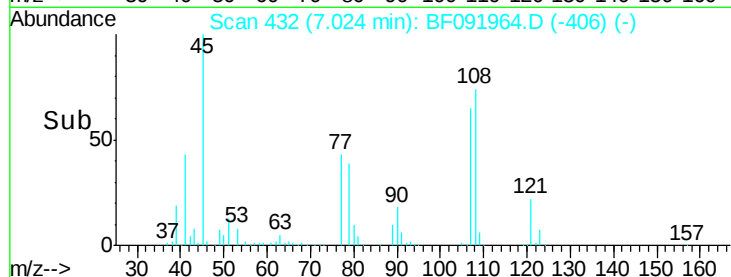
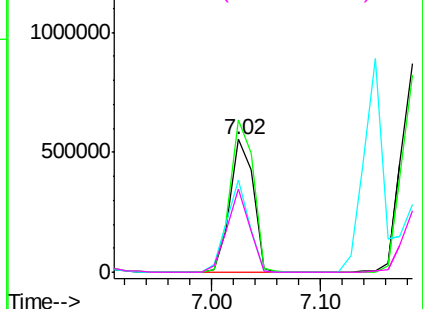
#17
2-Methylphenol
Concen: 50.84 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB95595BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.9	93.0	139.6
77	69.2	39.8	59.8
79	62.6	38.0	57.0

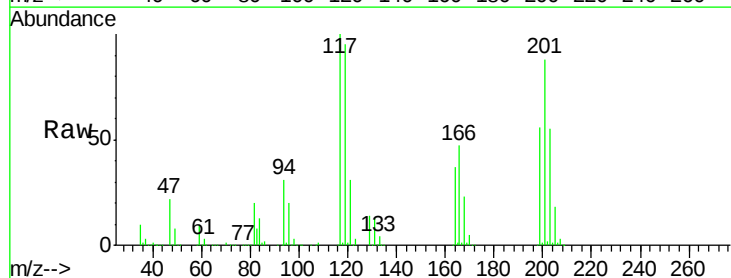


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

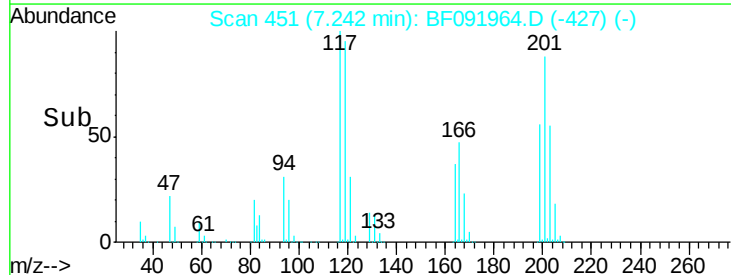
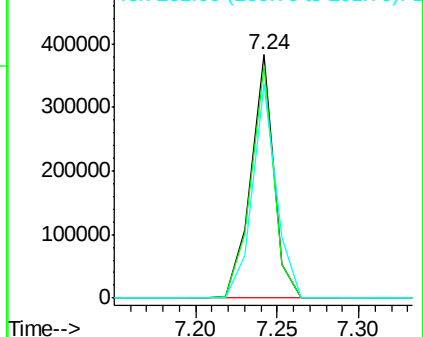


#18
Hexachloroethane
Concen: 47.08 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.1	117.1
201	87.9	78.6	117.8



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

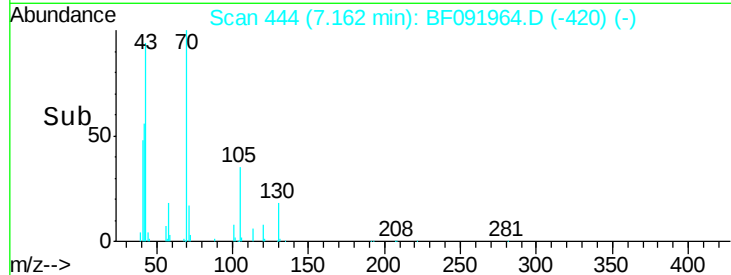
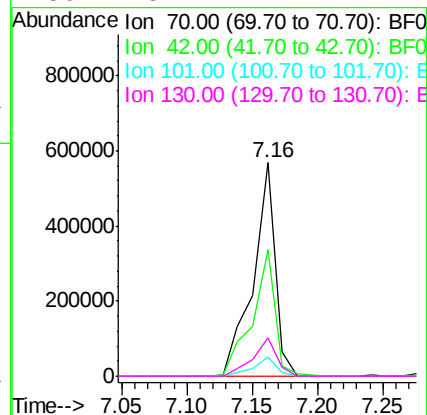
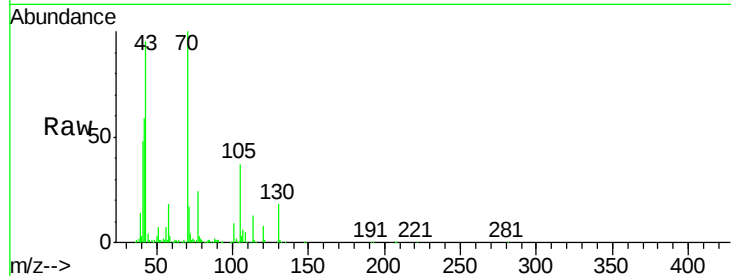




#19
n-Nitroso-di-n-propylamine
Concen: 47.95 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

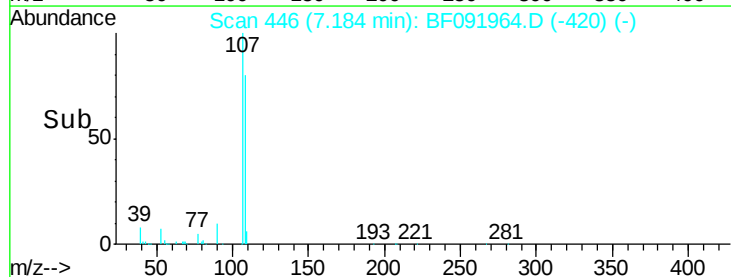
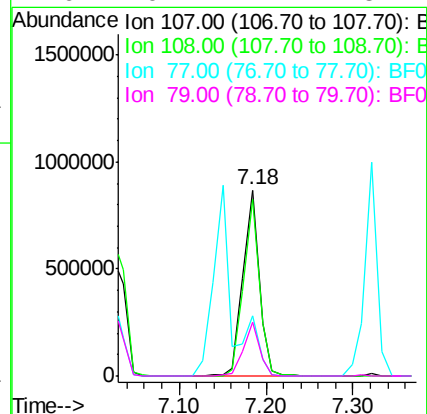
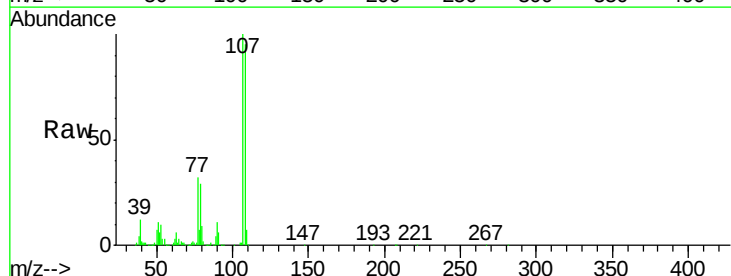
Instrument :
BNA_F
ClientSampleId :
PB95595BS

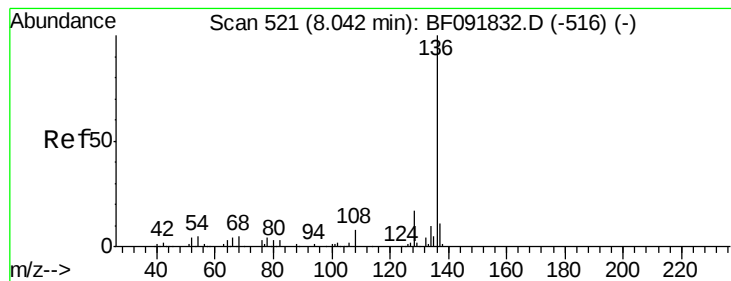
Tgt Ion:	70	Resp:	677282
Ion	Ratio	Lower	Upper
70	100		
42	59.5	49.4	74.0
101	8.9	7.4	11.2
130	18.1	14.2	21.4



#20
3+4-Methylphenols
Concen: 59.49 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

Tgt Ion:	107	Resp:	1128899
Ion	Ratio	Lower	Upper
107	100		
108	94.7	73.0	113.0
77	32.5	71.3	111.3
79	29.2	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

Tgt Ion:136 Resp: 1164146

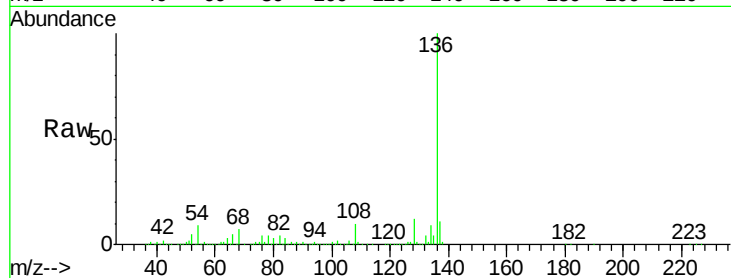
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 8.6 4.5 6.7#

68 6.8 3.6 5.4#

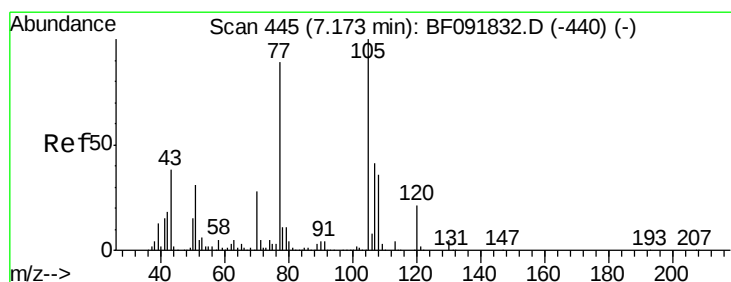
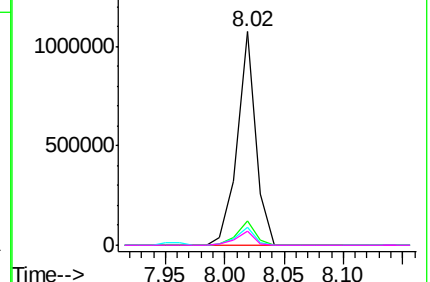
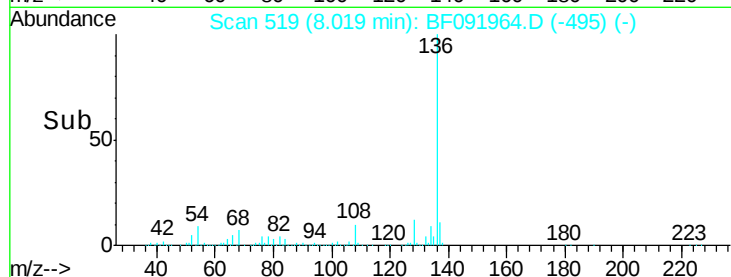


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 49.02 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Tgt Ion:105 Resp: 1407624

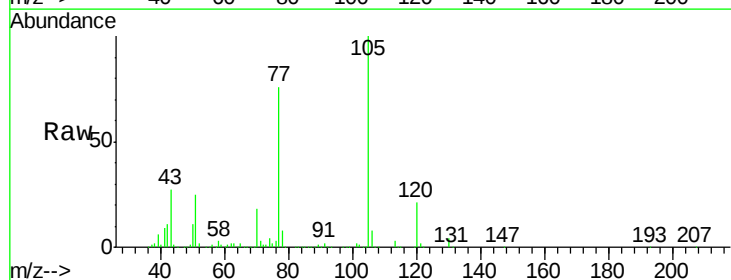
Ion Ratio Lower Upper

105 100

71 2.9 3.2 4.8#

51 25.1 26.2 39.4#

120 21.3 16.6 24.8

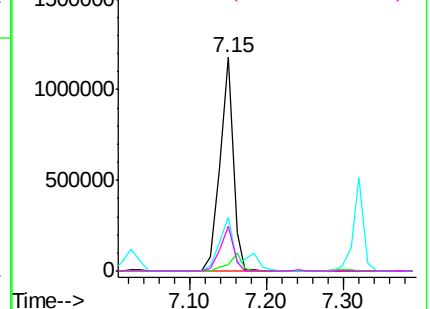
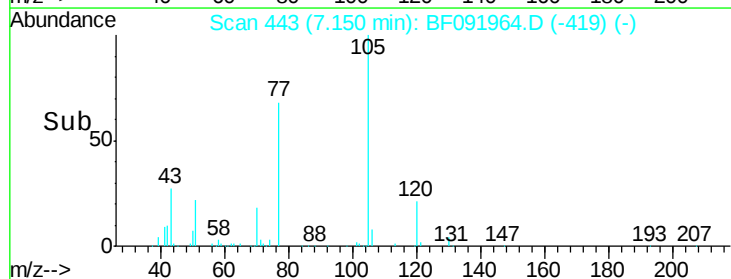


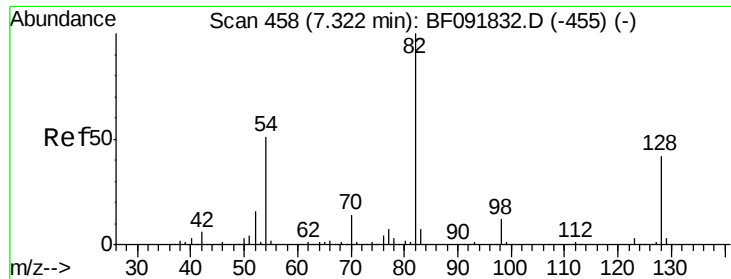
Abundance Ion 105.00 (104.70 to 105.70): E

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

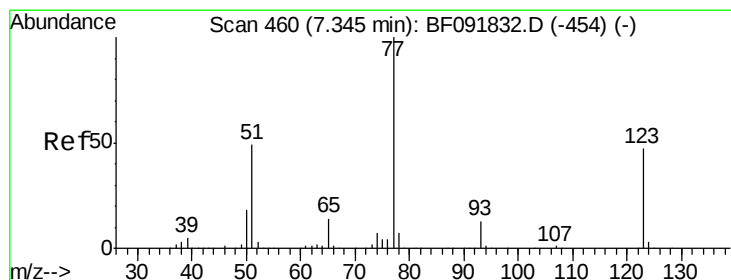
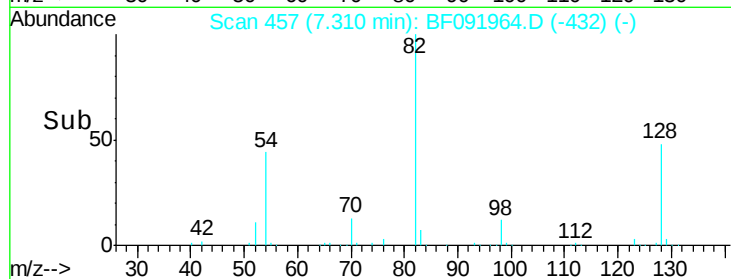
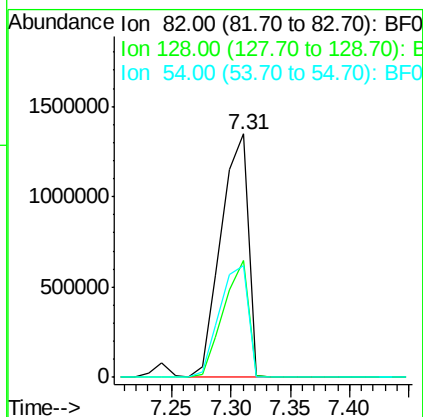
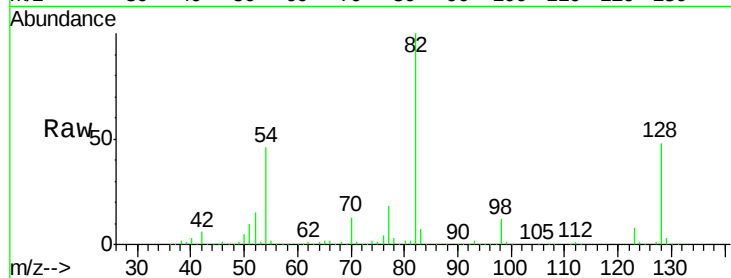




#23
 Nitrobenzene-d5
 Concen: 102.72 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

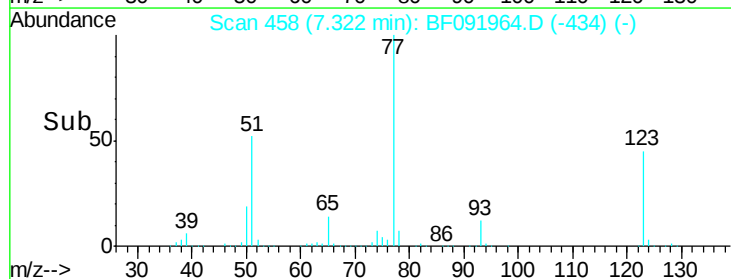
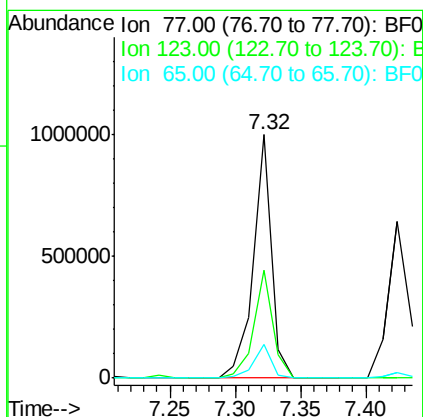
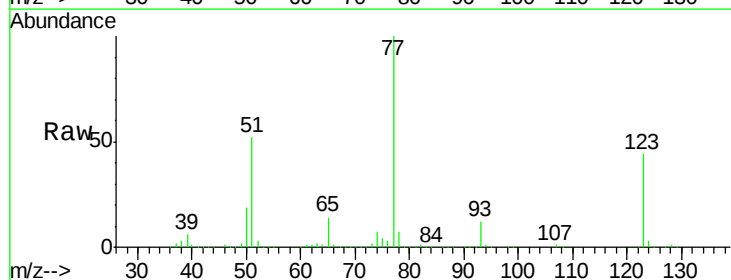
Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

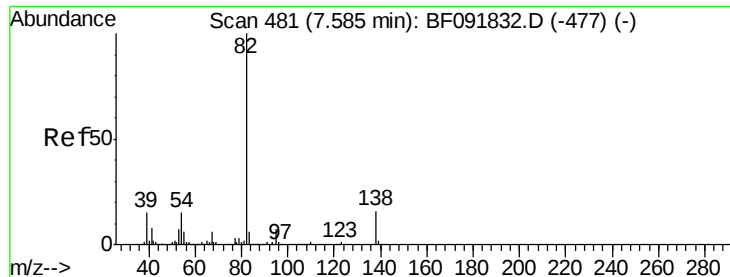
Tgt Ion: 82 Resp: 2150511
 Ion Ratio Lower Upper
 82 100
 128 47.9 34.6 52.0
 54 46.1 39.5 59.3



#24
 Nitrobenzene
 Concen: 43.40 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

Tgt Ion: 77 Resp: 967819
 Ion Ratio Lower Upper
 77 100
 123 44.4 33.0 49.4
 65 13.7 11.2 16.8





#25

Isophorone

Concen: 47.72 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

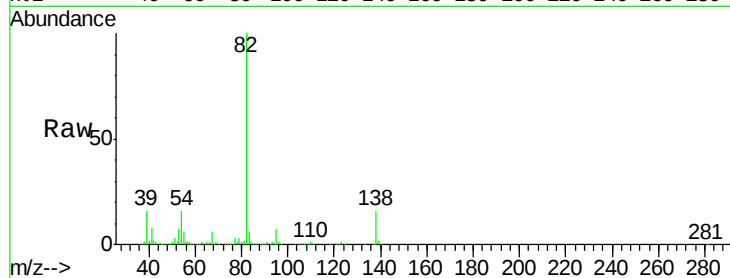
Tgt Ion: 82 Resp: 1843168

Ion Ratio Lower Upper

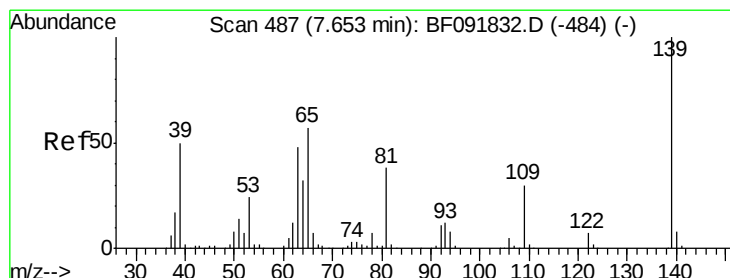
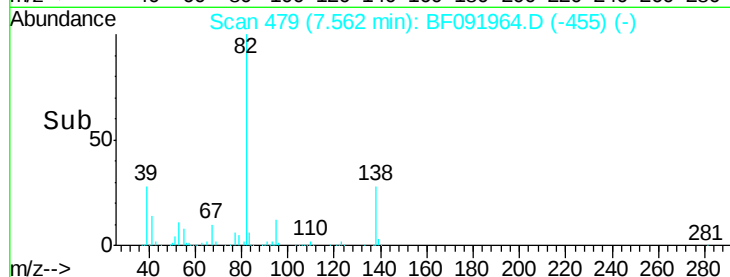
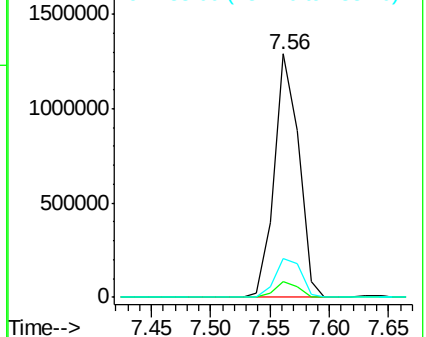
82 100

95 6.5 5.6 8.4

138 15.7 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 50.76 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

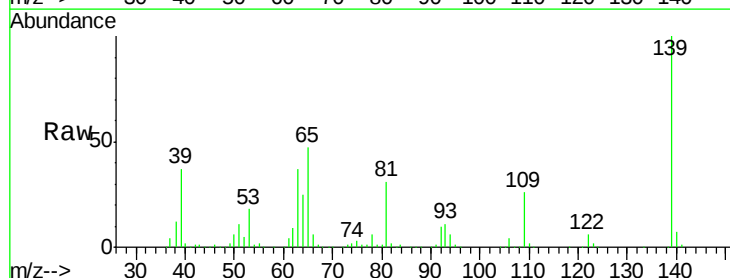
Tgt Ion: 139 Resp: 558157

Ion Ratio Lower Upper

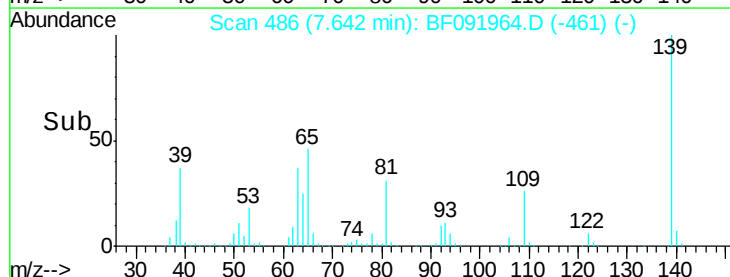
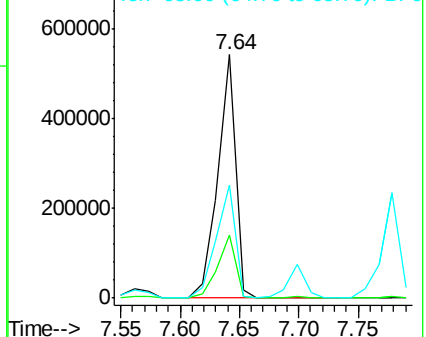
139 100

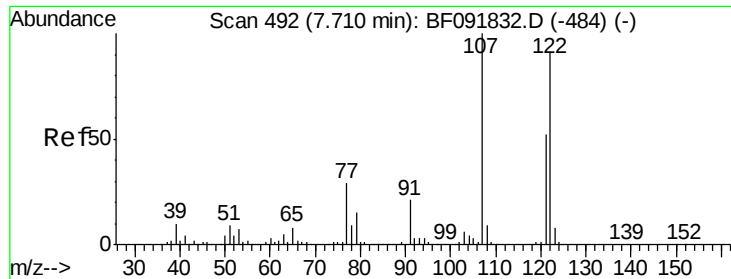
109 26.1 23.3 34.9

65 46.5 42.7 64.1



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

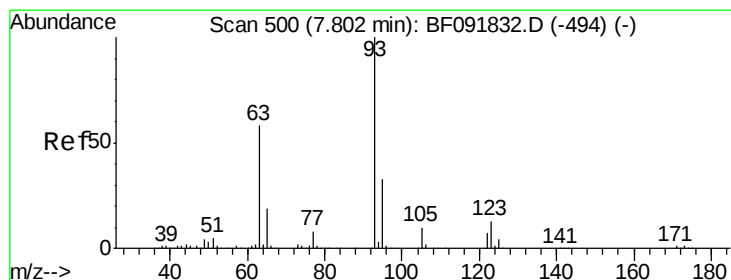
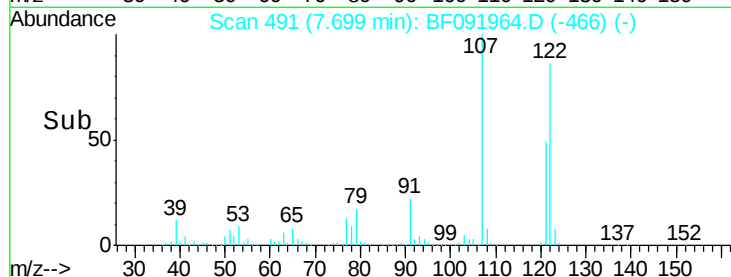
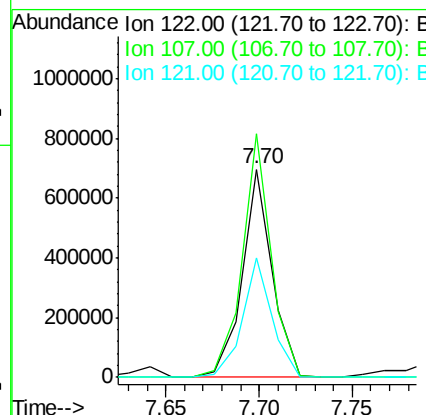
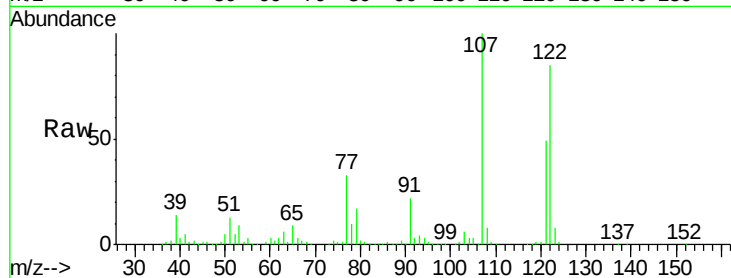




#27
2,4-Dimethylphenol
Concen: 42.79 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

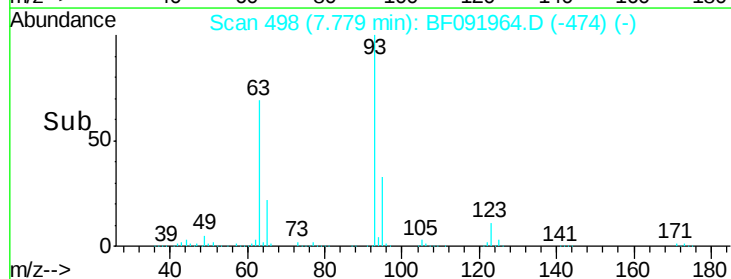
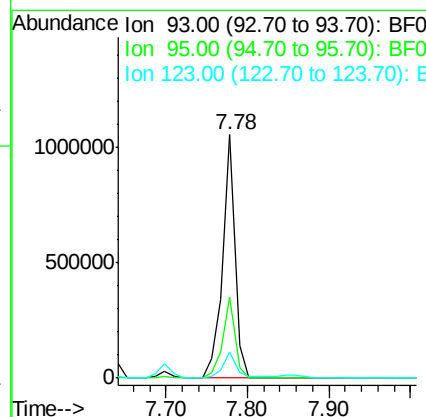
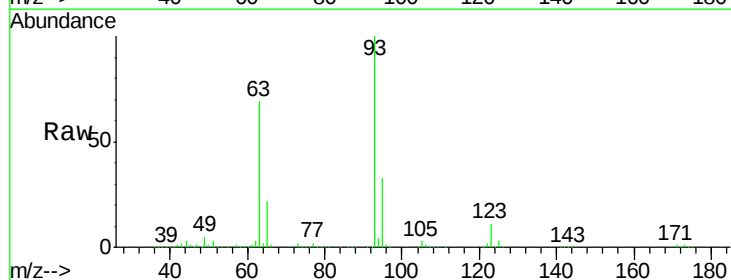
Instrument :
BNA_F
ClientSampleId :
PB95595BS

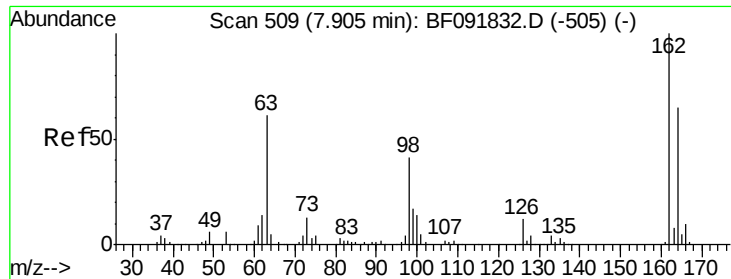
Tgt Ion:122 Resp: 780466
Ion Ratio Lower Upper
122 100
107 117.0 94.1 141.1
121 57.1 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 47.93 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

Tgt Ion: 93 Resp: 1122738
Ion Ratio Lower Upper
93 100
95 33.2 26.5 39.7
123 10.6 8.6 13.0

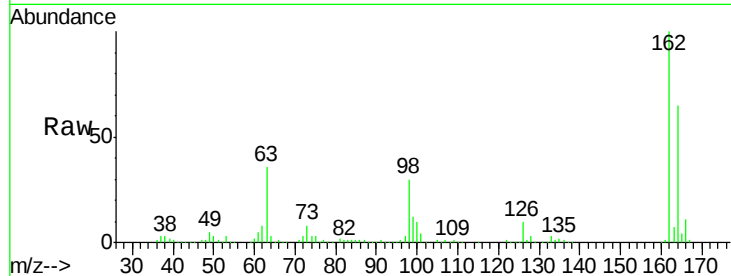




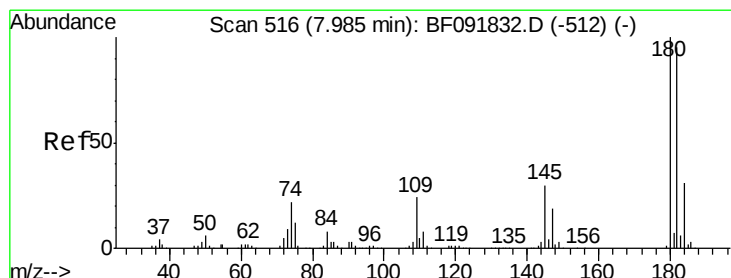
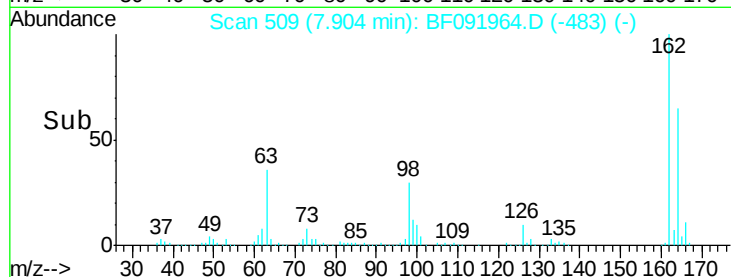
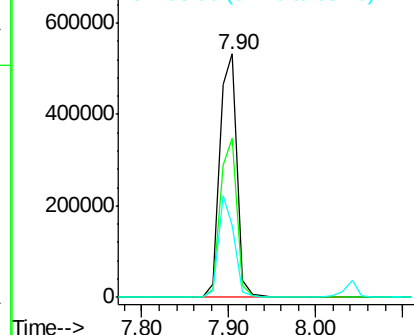
#29
 2,4-Dichlorophenol
 Concen: 47.99 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	46.8	86.8
98	29.7	9.1	49.1

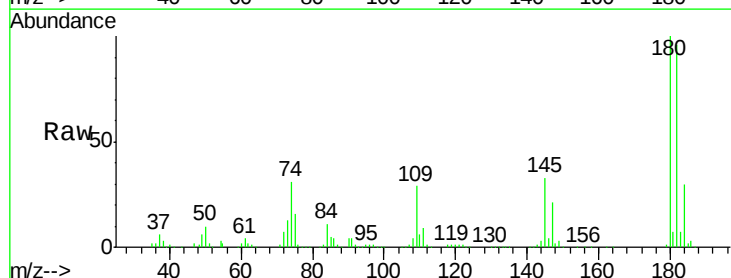


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

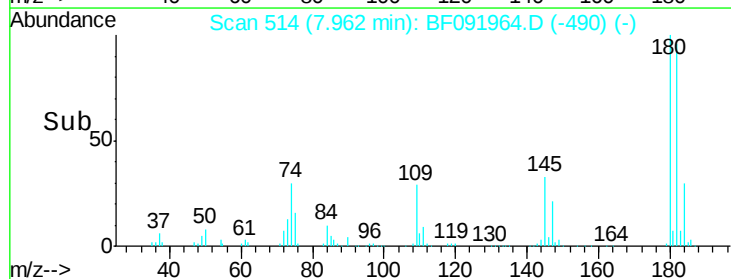
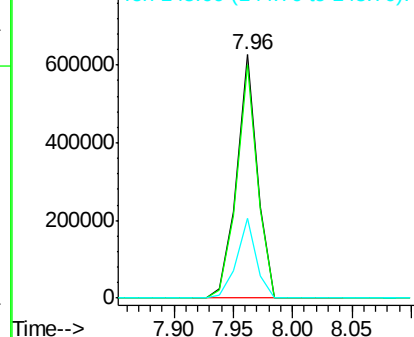


#30
 1,2,4-Trichlorobenzene
 Concen: 45.00 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.02 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	78.2	117.4
145	32.7	21.6	32.4#



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





#31

Naphthalene

Concen: 45.93 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

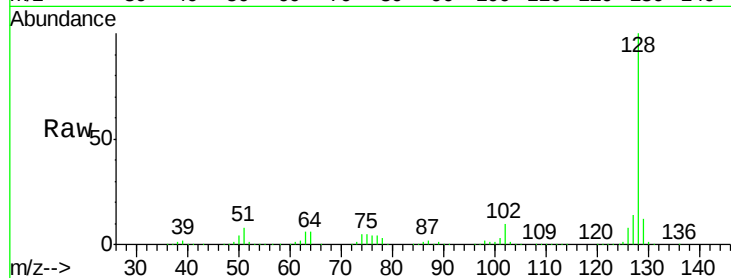
Tgt Ion:128 Resp: 2447065

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

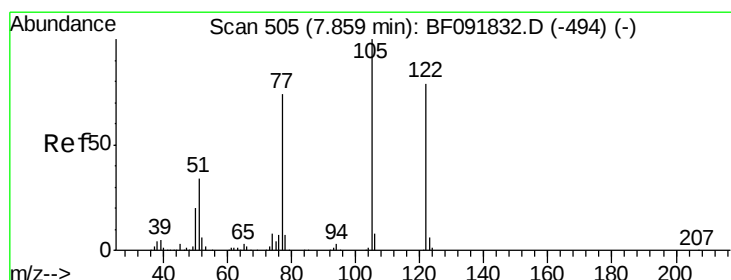
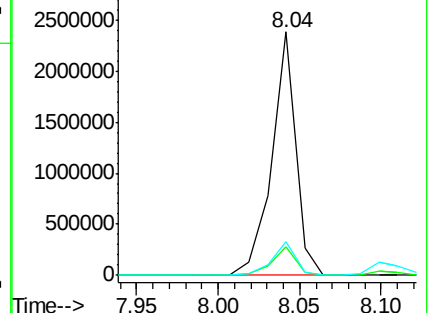
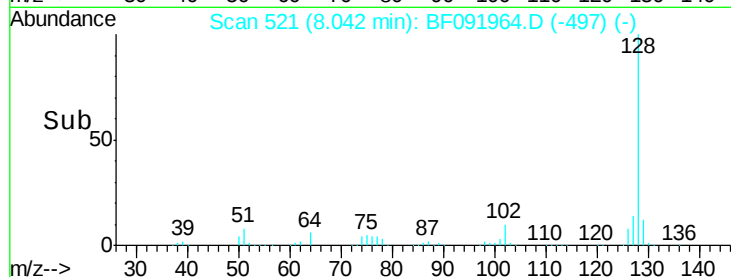
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.80 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

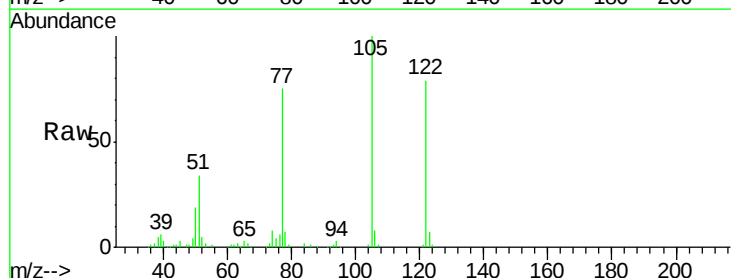
Tgt Ion:122 Resp: 592537

Ion Ratio Lower Upper

122 100

105 126.0 107.2 147.2

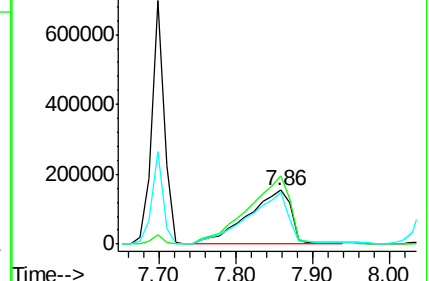
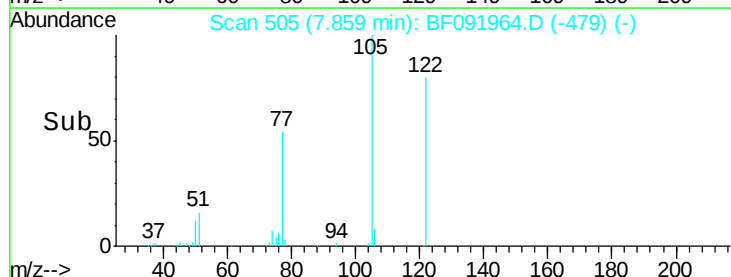
77 94.8 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

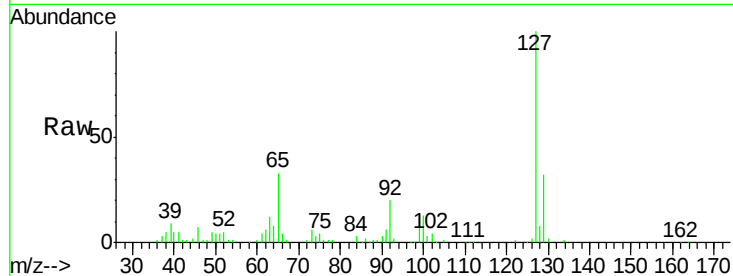




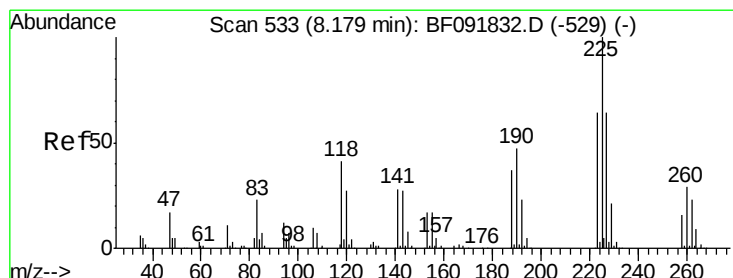
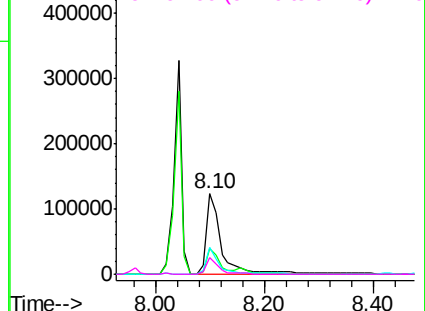
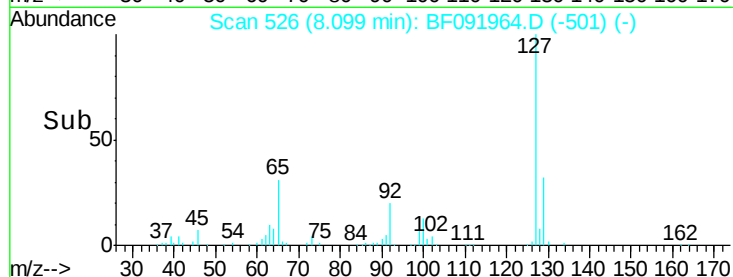
#33
4-Chloroaniline
Concen: 9.58 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB95595BS

Tgt Ion:	127	Resp:	230220
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.3	39.5
65	32.9	25.8	38.8
92	20.0	16.1	24.1

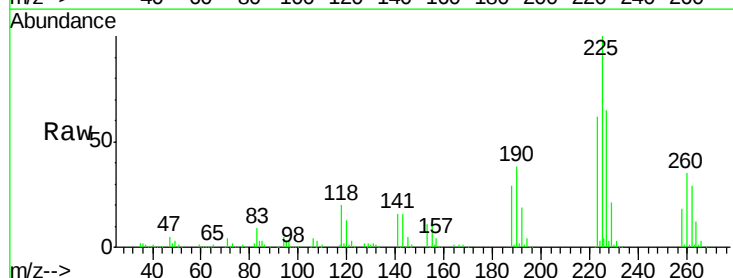


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

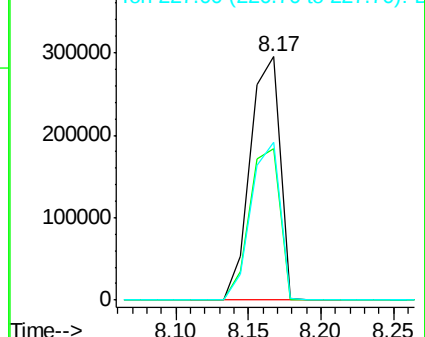
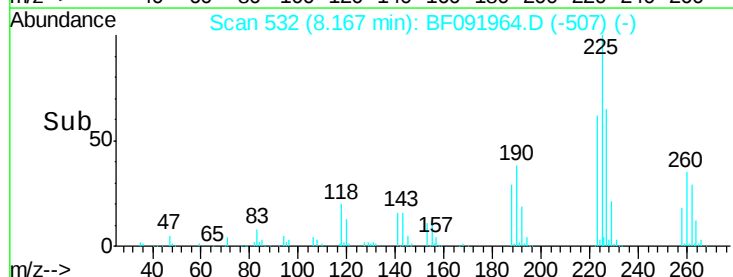


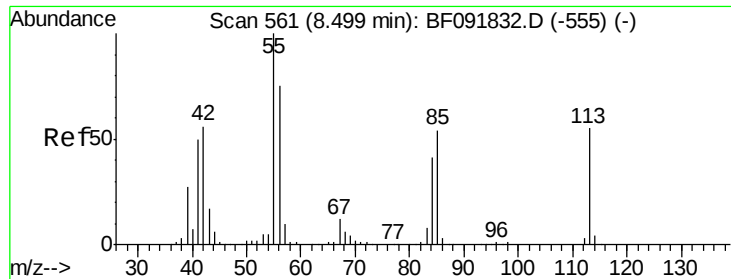
#34
Hexachlorobutadiene
Concen: 47.09 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

Tgt Ion:	225	Resp:	420679
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.6
227	64.7	50.6	76.0



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

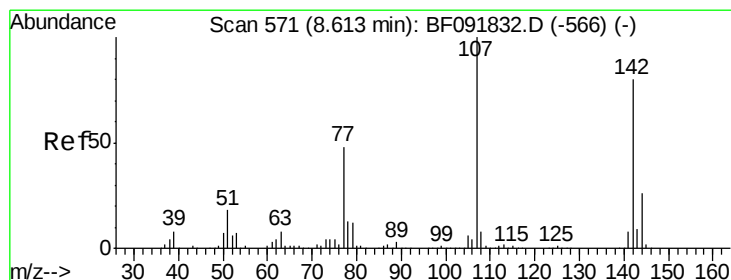
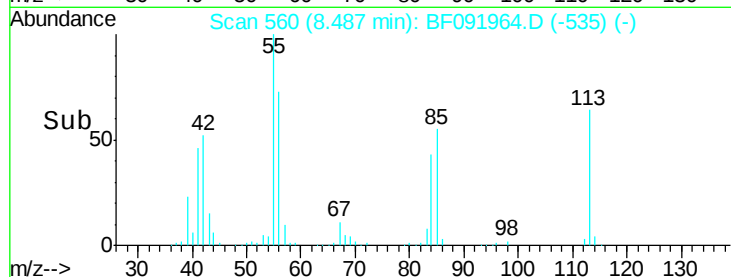
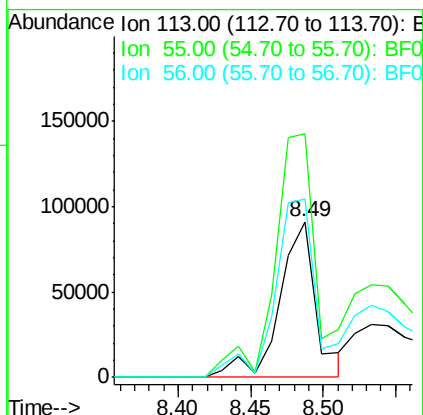
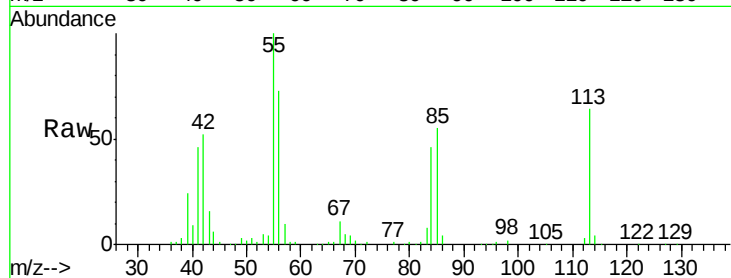




#35
 Caprolactam
 Concen: 31.18 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

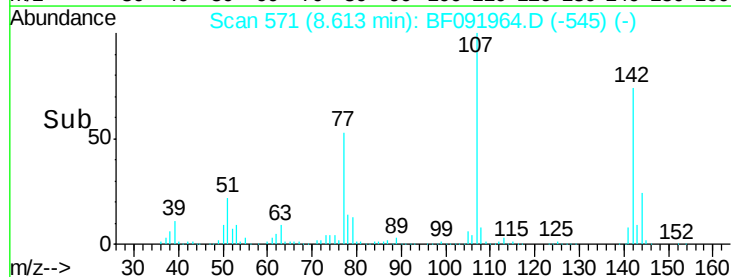
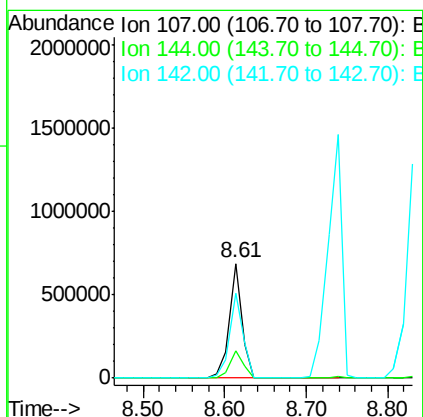
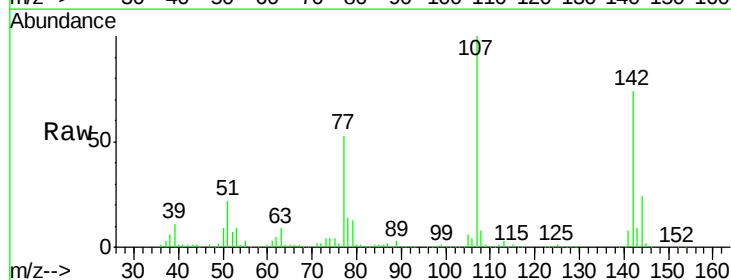
Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

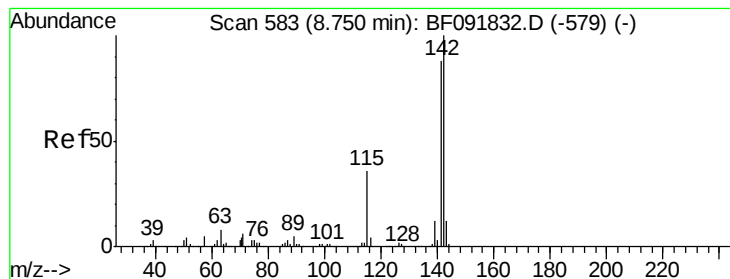
Tgt Ion:113 Resp: 158235
 Ion Ratio Lower Upper
 113 100
 55 156.1 119.2 159.2
 56 114.6 83.8 123.8



#36
 4-Chloro-3-methylphenol
 Concen: 41.91 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

Tgt Ion:107 Resp: 744862
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.3 28.9
 142 74.3 59.0 88.6





#37

2-Methylnaphthalene

Concen: 65.10 ng

RT: 8.74 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

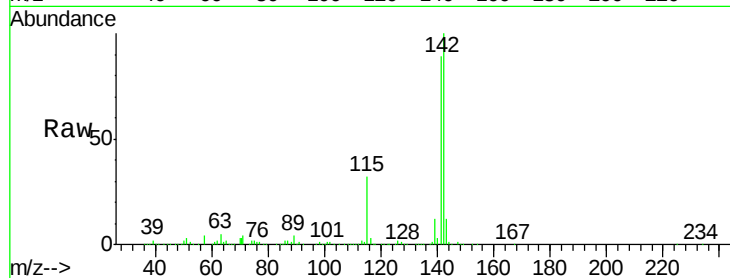
Tgt Ion:142 Resp: 1765976

Ion Ratio Lower Upper

142 100

141 88.6 71.0 106.6

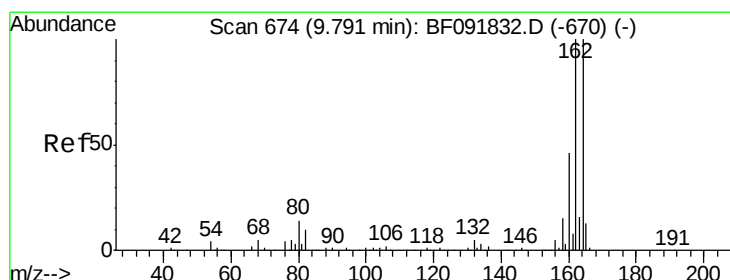
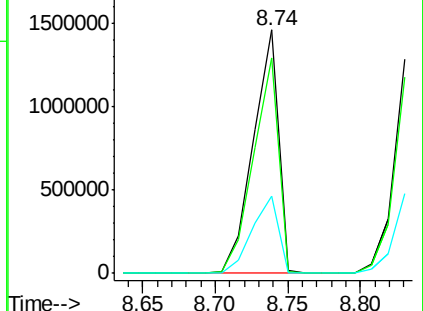
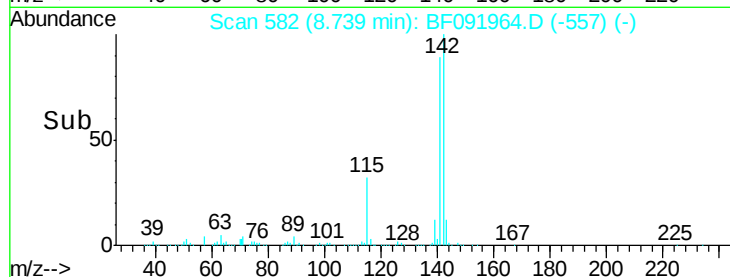
115 31.5 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

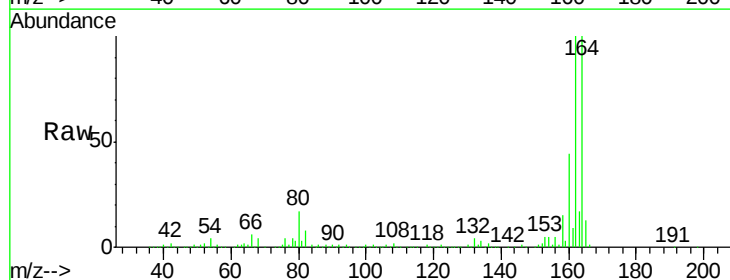
Tgt Ion:164 Resp: 716633

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

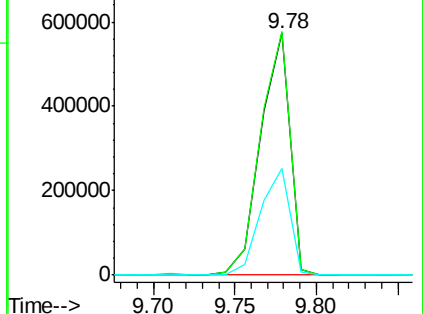
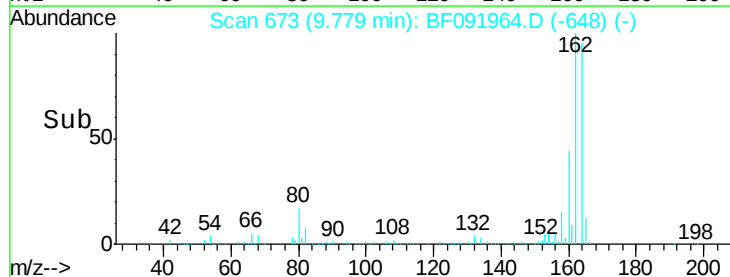
160 44.3 36.9 55.3

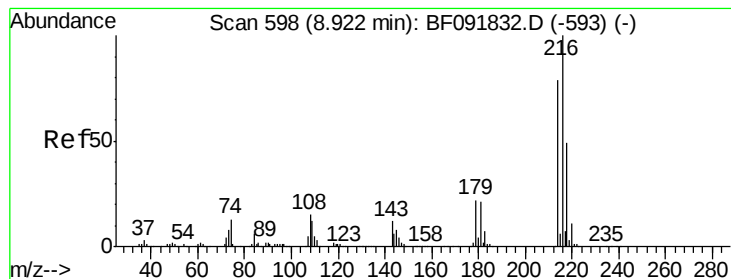


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.46 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

Tgt Ion:216 Resp: 678200

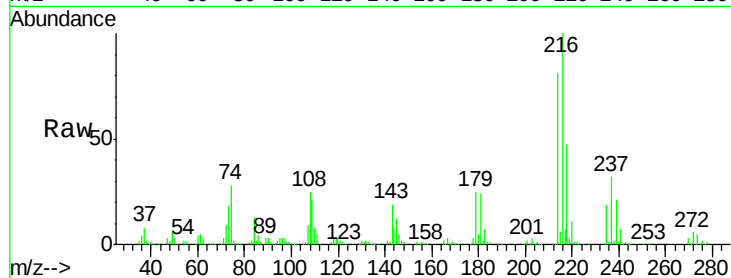
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.0

179 21.9 17.4 26.2

108 22.0 15.6 23.4

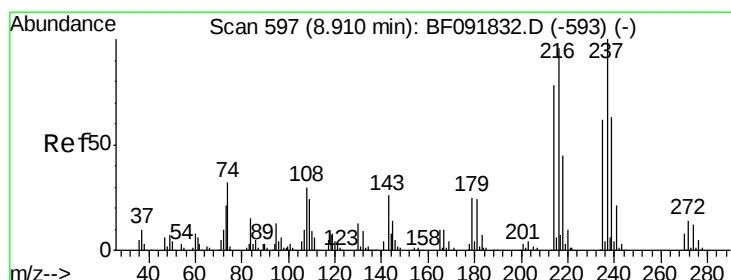
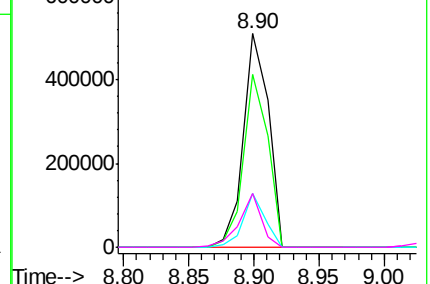
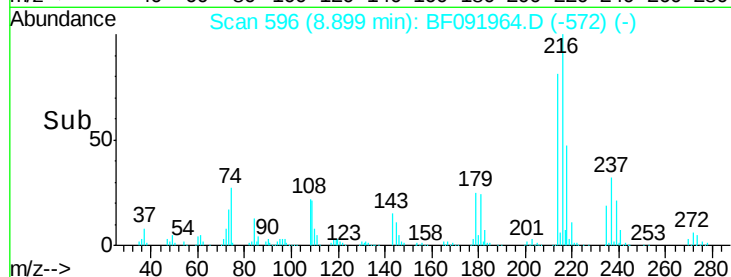


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 76.36 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.02 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

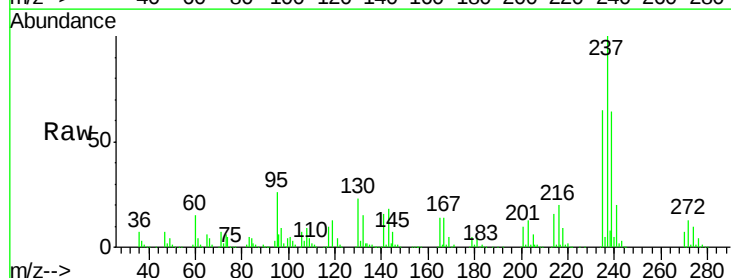
Tgt Ion:237 Resp: 614197

Ion Ratio Lower Upper

237 100

235 65.1 41.2 81.2

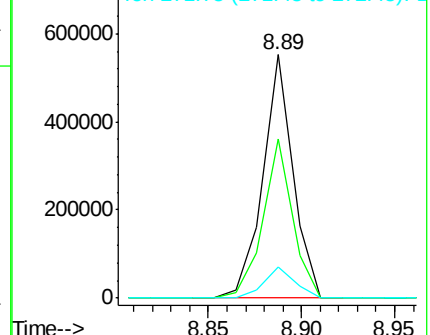
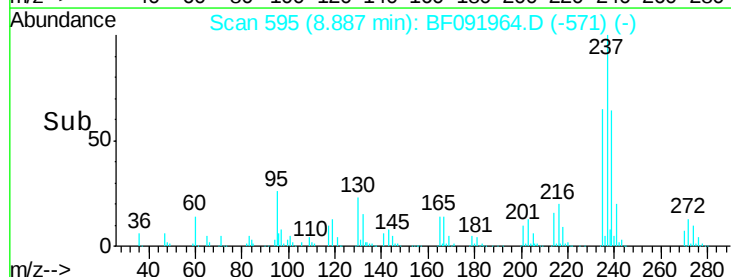
272 12.8 0.0 35.4

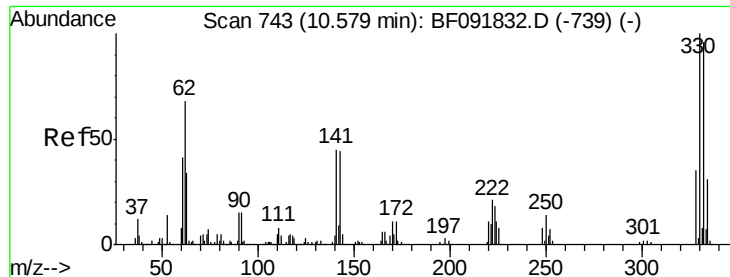


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

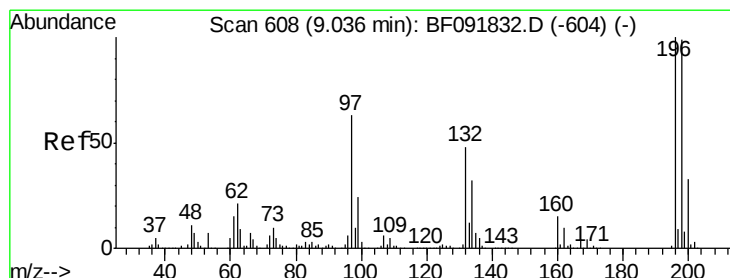
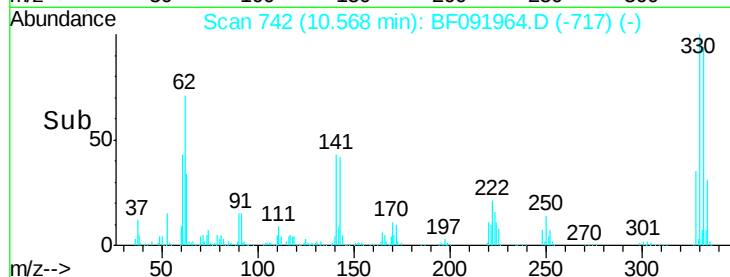
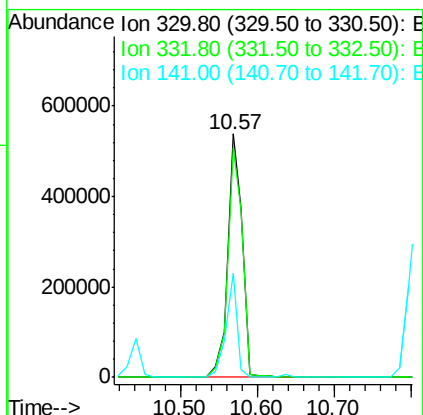
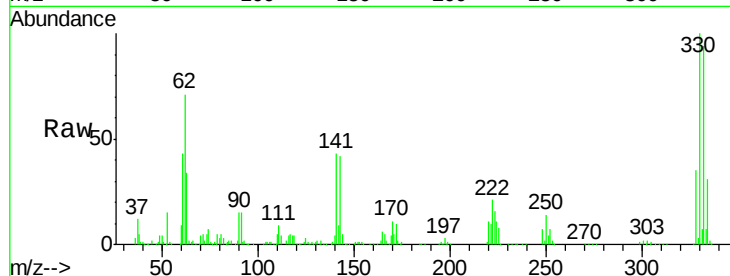




#41
 2,4,6-Tribromophenol
 Concen: 122.59 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

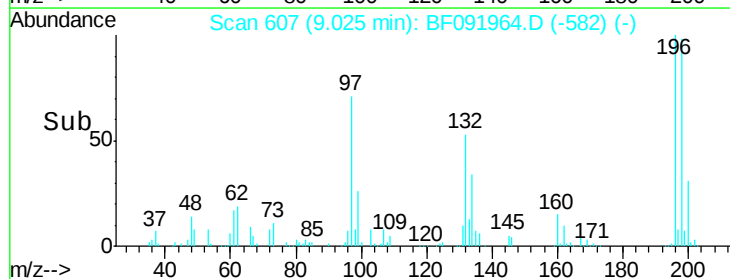
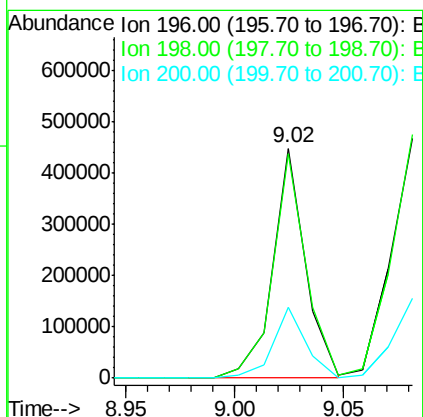
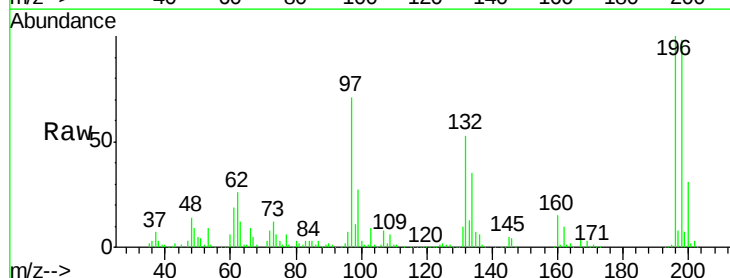
Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

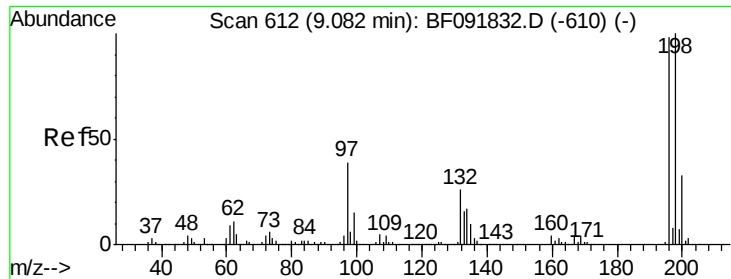
Tgt Ion:330 Resp: 727047
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 32.8 34.1 51.1#



#42
 2,4,6-Trichlorophenol
 Concen: 37.56 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

Tgt Ion:196 Resp: 475656
 Ion Ratio Lower Upper
 196 100
 198 97.8 82.1 123.1
 200 30.7 27.0 40.4

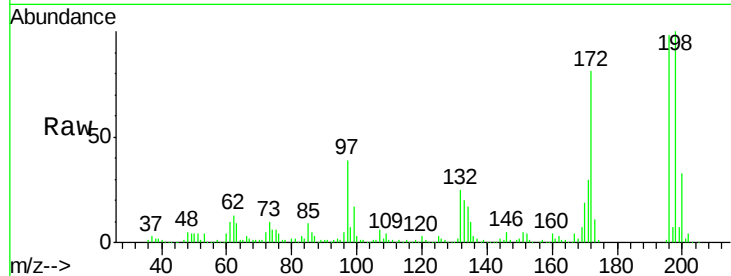




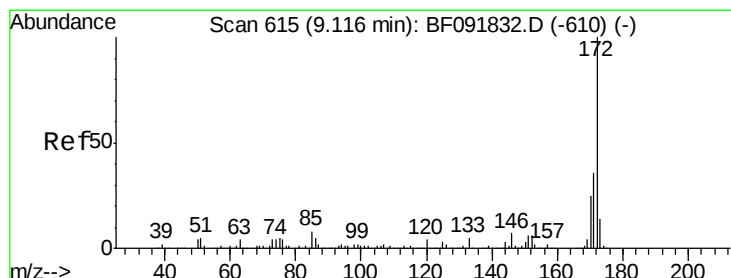
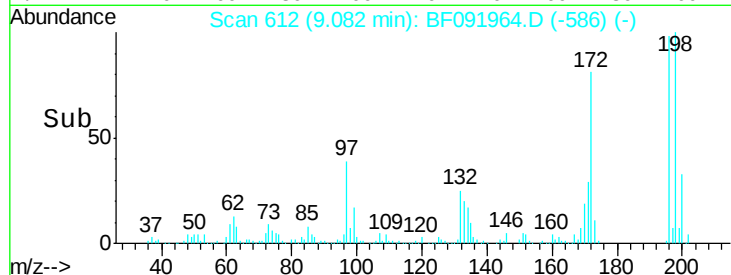
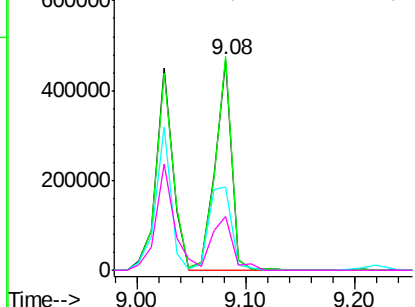
#43
 2,4,5-Trichlorophenol
 Concen: 38.24 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Tgt Ion:196 Resp: 498297
 Ion Ratio Lower Upper
 196 100
 198 101.7 79.4 119.2
 97 39.6 51.5 77.3#
 132 25.6 27.4 41.2#

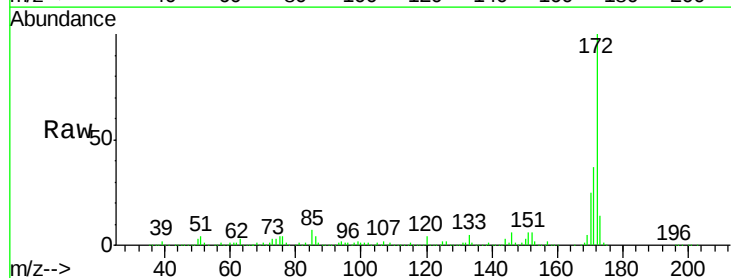


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

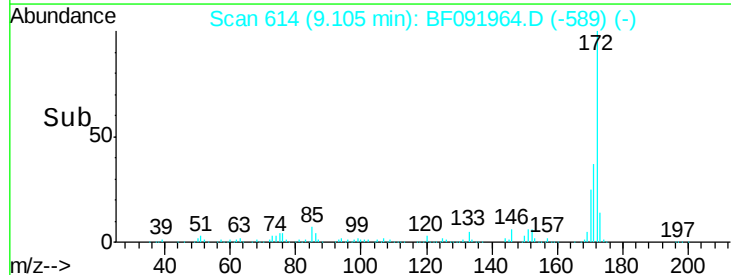
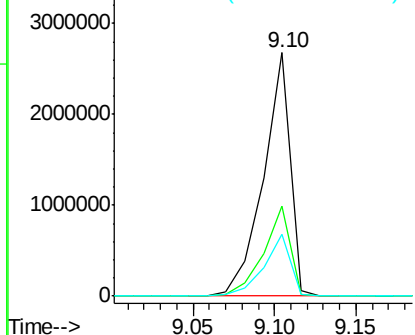


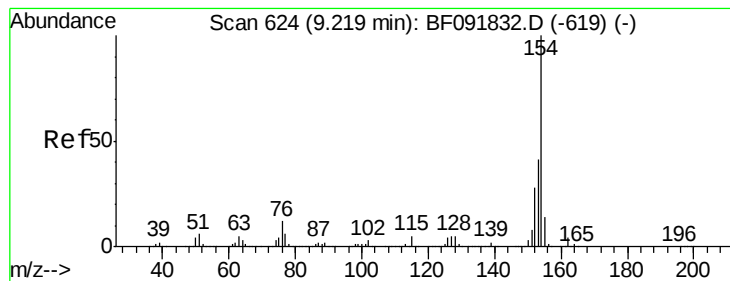
#44
 2-Fluorobiphenyl
 Concen: 88.39 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

Tgt Ion:172 Resp: 3073475
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.0
 170 25.3 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 42.58 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

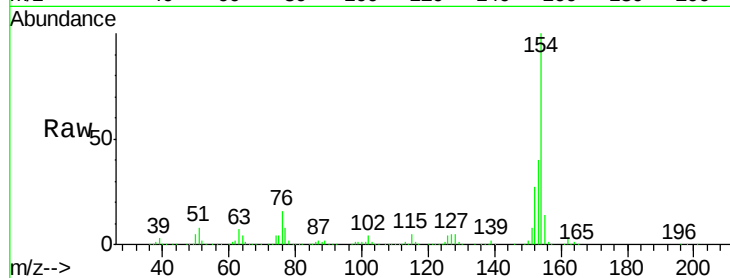
Tgt Ion:154 Resp: 2089218

Ion Ratio Lower Upper

154 100

153 40.1 20.9 60.9

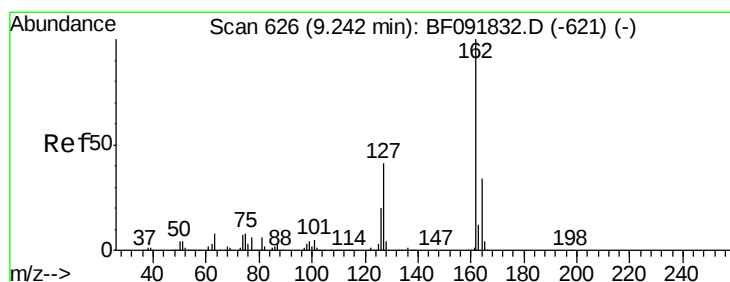
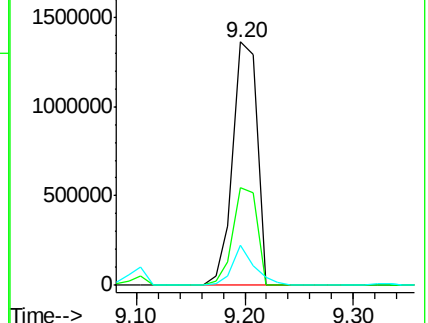
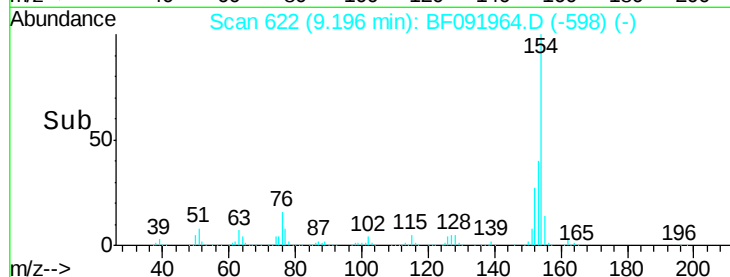
76 16.4 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.24 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.02 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

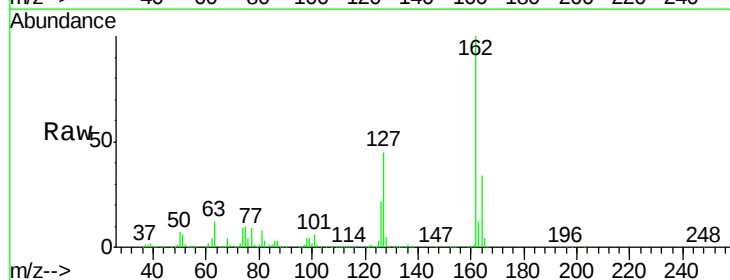
Tgt Ion:162 Resp: 1563500

Ion Ratio Lower Upper

162 100

127 44.6 30.7 46.1

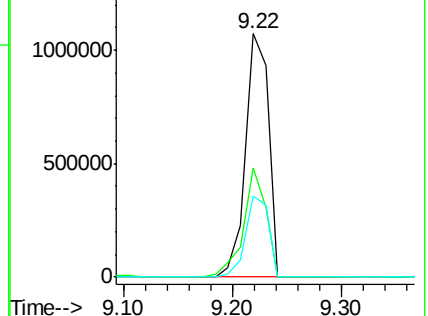
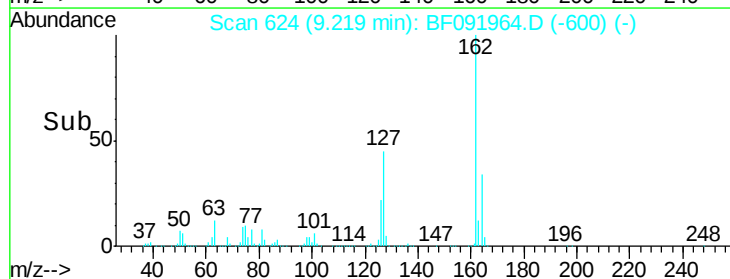
164 33.6 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

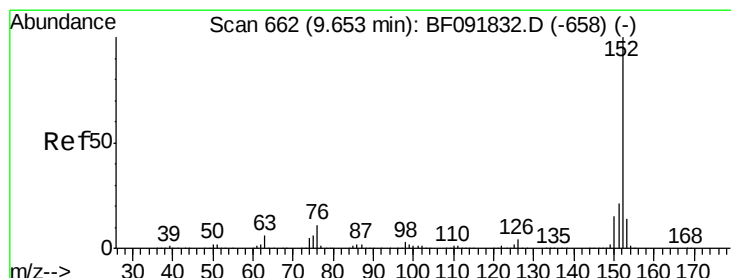
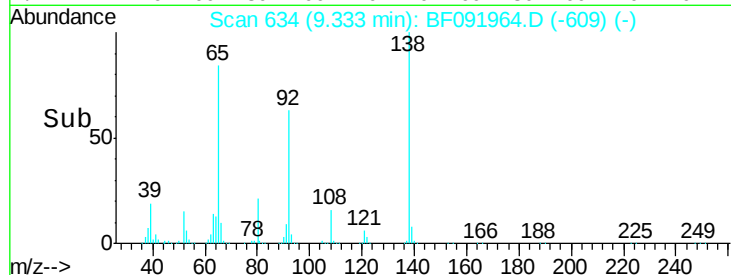
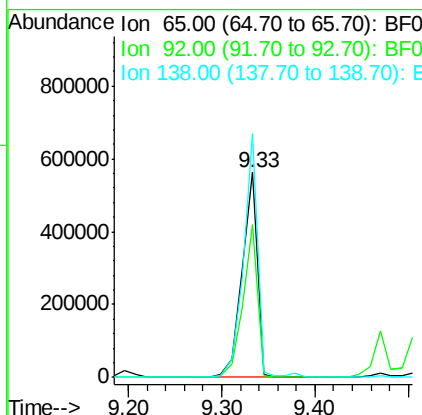
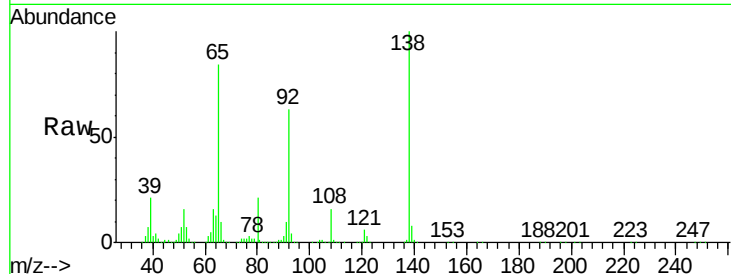




#47
2-Nitroaniline
Concen: 46.32 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

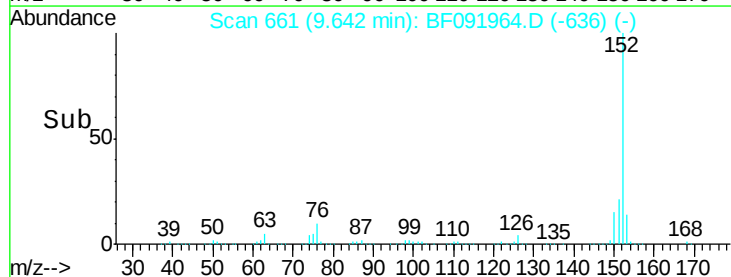
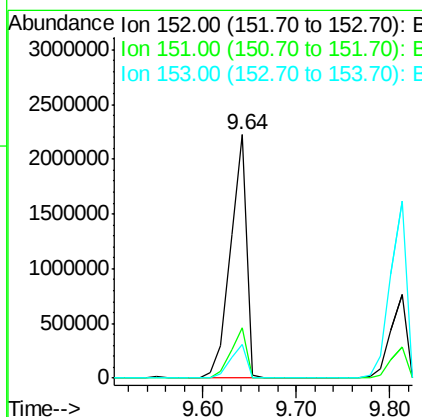
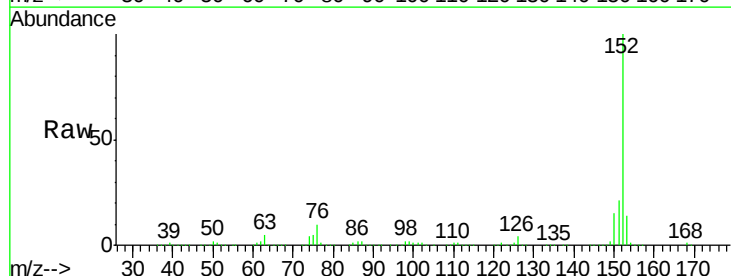
Instrument :
BNA_F
ClientSampleId :
PB95595BS

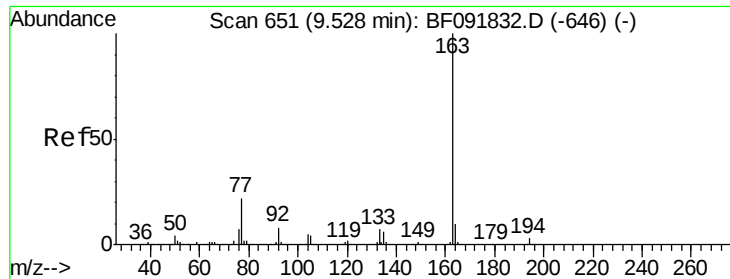
Tgt Ion: 65 Resp: 640829
Ion Ratio Lower Upper
65 100
92 74.5 53.9 80.9
138 118.8 76.8 115.2#



#48
Acenaphthylene
Concen: 44.95 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

Tgt Ion: 152 Resp: 2686015
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 14.1 11.4 17.2





#49

Dimethylphthalate

Concen: 46.34 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

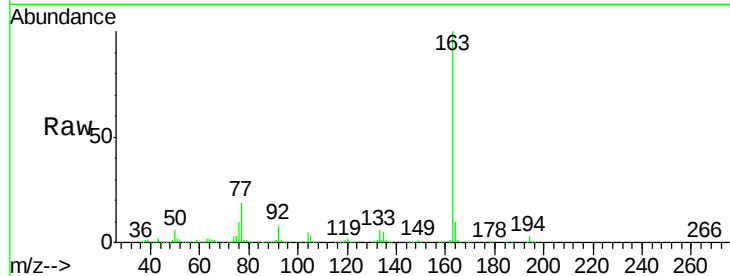
Tgt Ion:163 Resp: 2123973

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

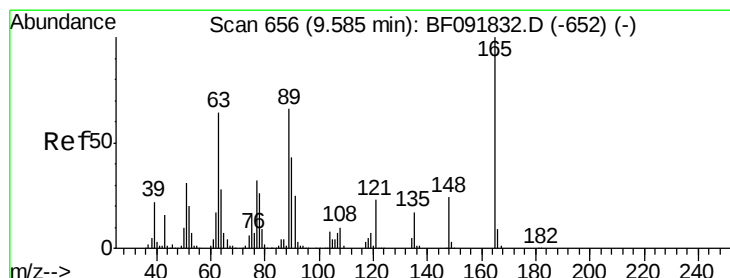
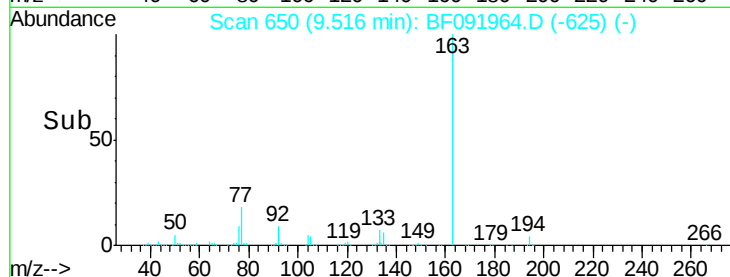
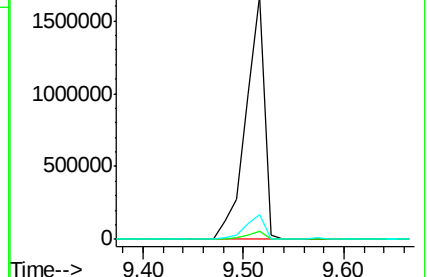
164 10.2 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.49 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

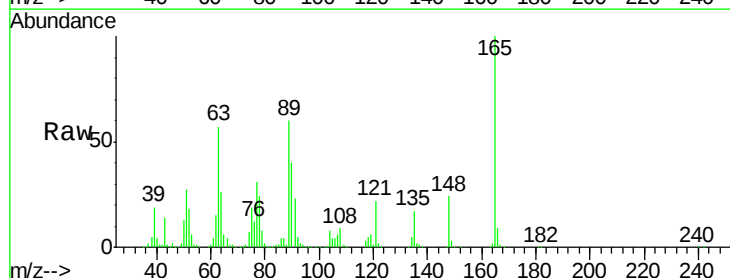
Tgt Ion:165 Resp: 456384

Ion Ratio Lower Upper

165 100

63 56.6 36.2 54.4#

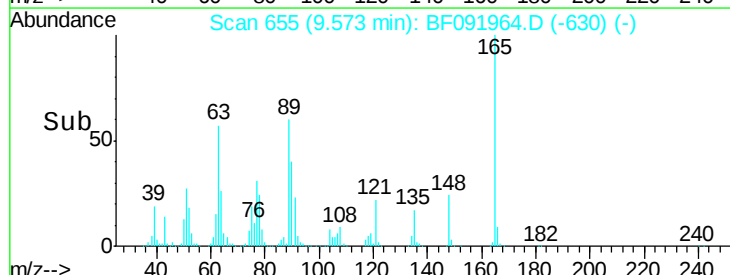
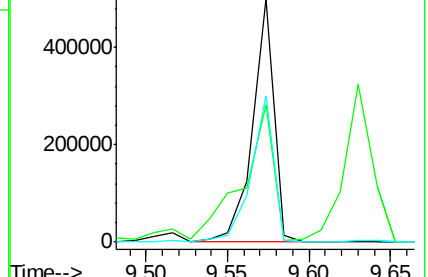
89 60.2 40.2 60.4

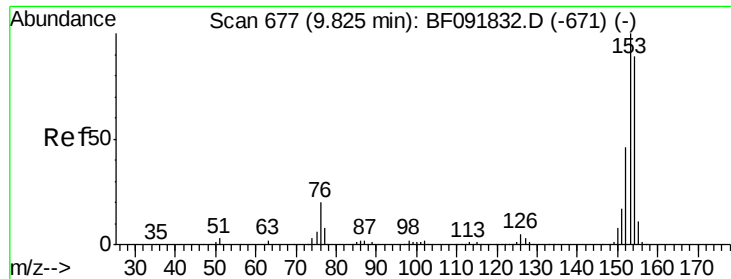


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.61 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

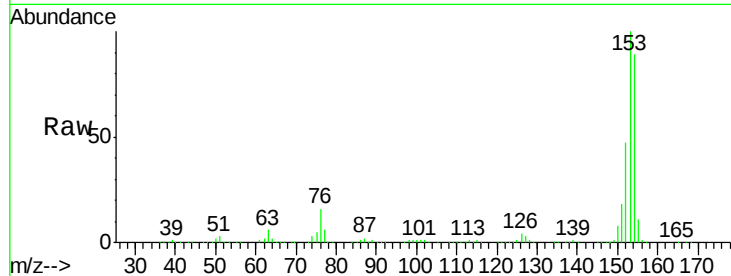
Tgt Ion:154 Resp: 1726249

Ion Ratio Lower Upper

154 100

153 111.9 88.6 133.0

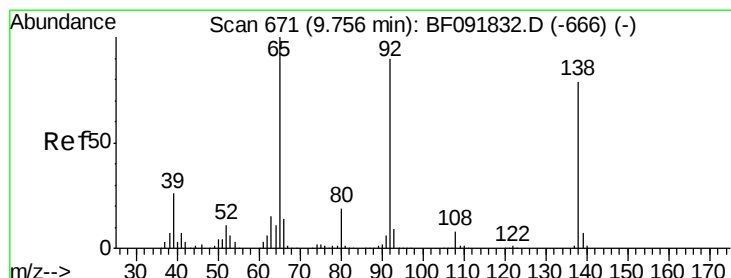
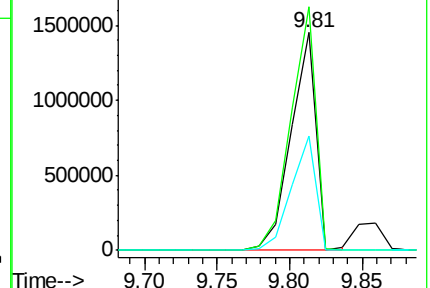
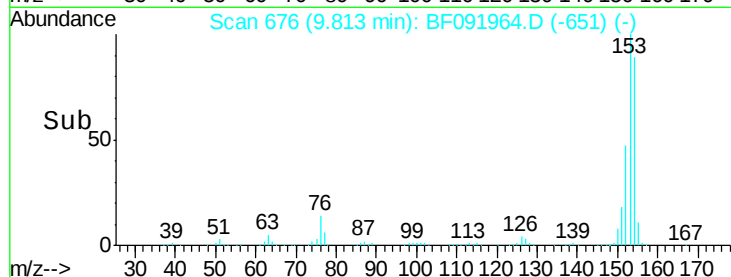
152 52.6 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.94 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

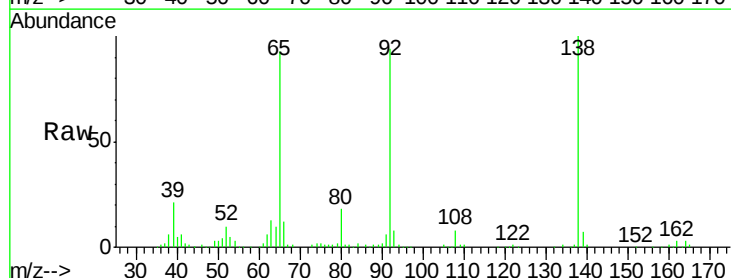
Tgt Ion:138 Resp: 235081

Ion Ratio Lower Upper

138 100

108 8.5 8.5 12.7#

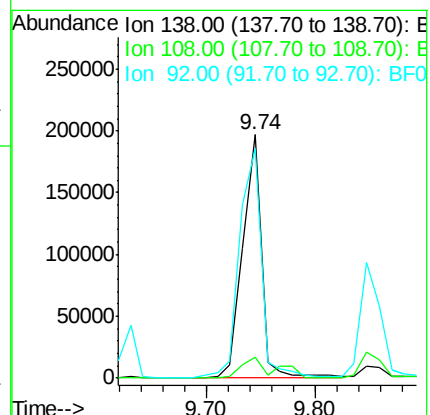
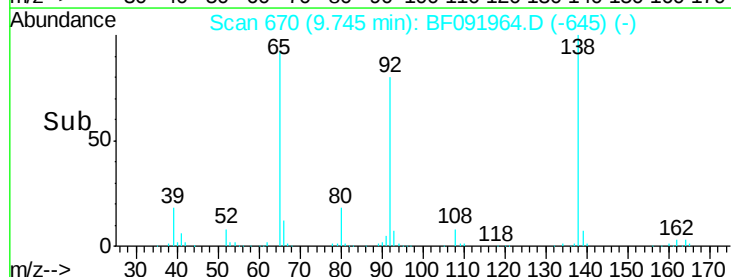
92 94.1 97.8 146.8#

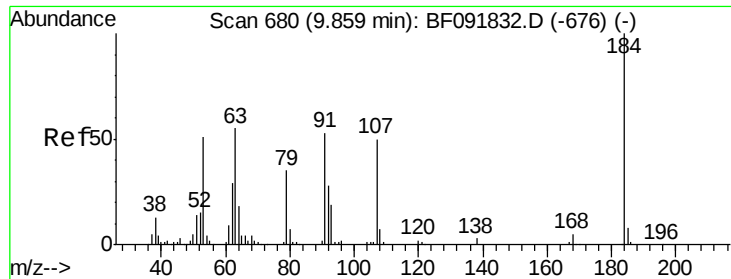


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

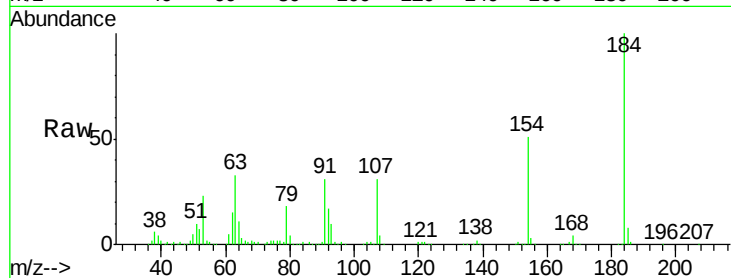




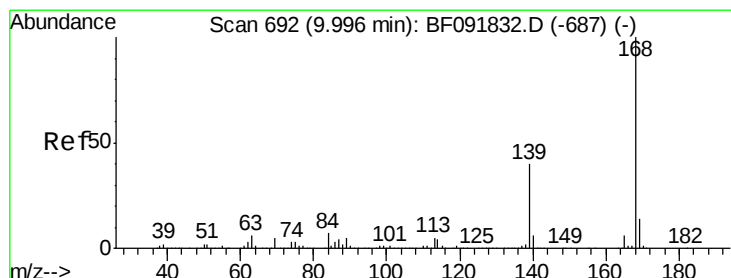
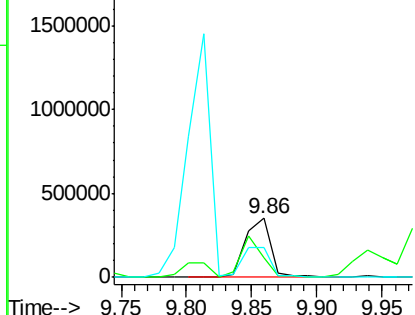
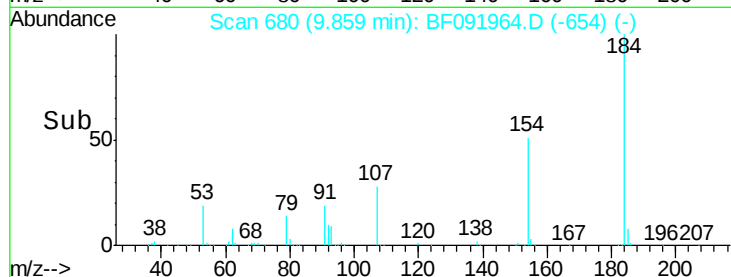
#53
 2,4-Dinitrophenol
 Concen: 86.52 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Tgt Ion:184 Resp: 482982
 Ion Ratio Lower Upper
 184 100
 63 32.8 28.4 42.6
 154 50.5 44.3 66.5

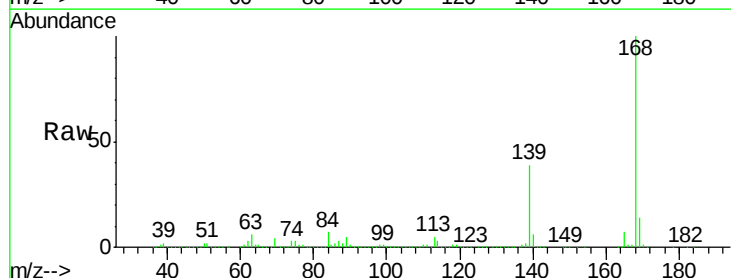


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

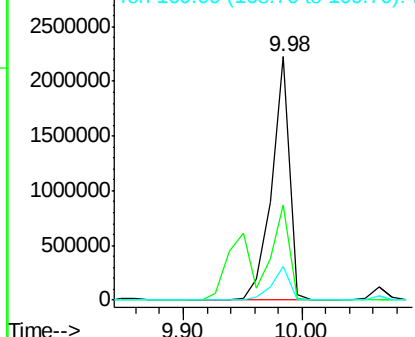
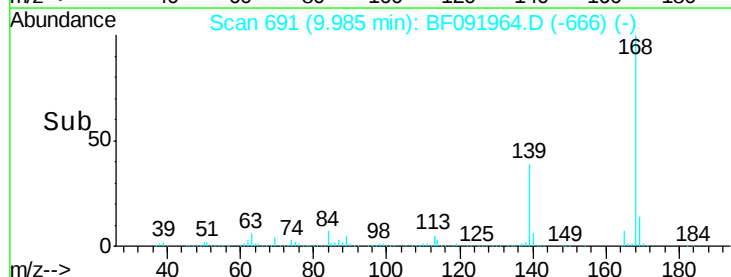


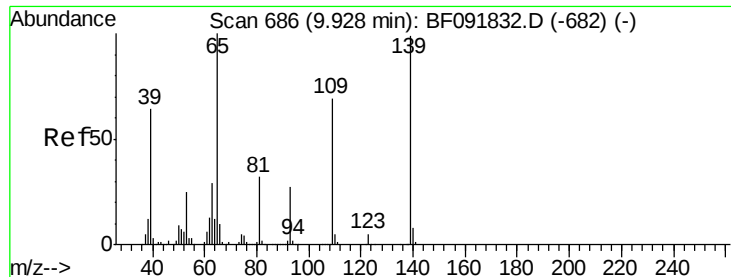
#54
 Dibenzofuran
 Concen: 42.31 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

Tgt Ion:168 Resp: 2314875
 Ion Ratio Lower Upper
 168 100
 139 39.2 32.6 49.0
 169 13.8 11.3 16.9



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

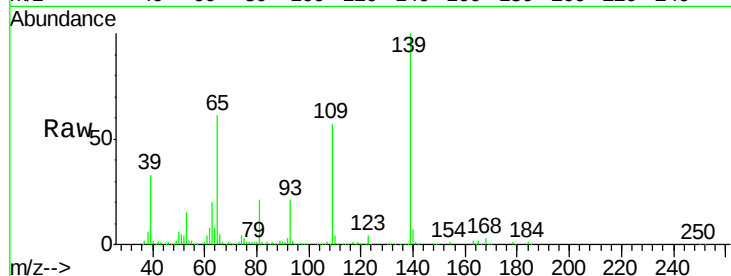




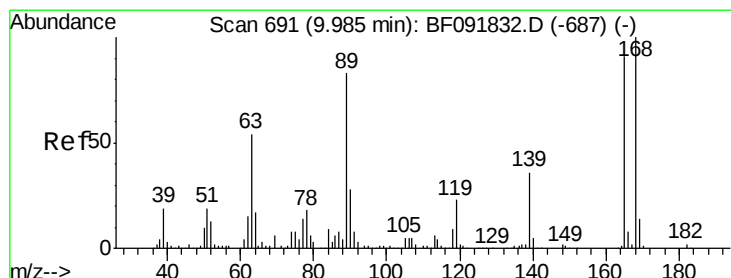
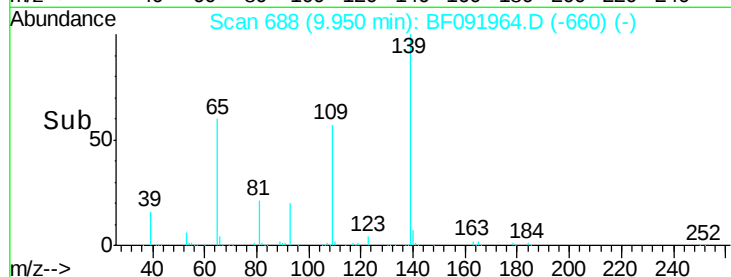
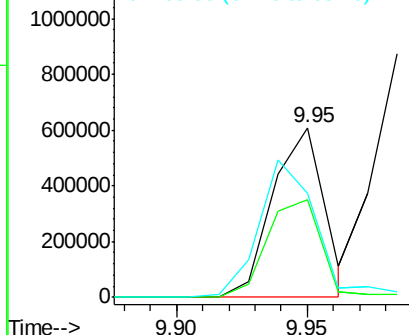
#55
4-Nitrophenol
Concen: 99.39 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.02 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB95595BS

Tgt Ion:139 Resp: 837812
Ion Ratio Lower Upper
139 100
109 57.2 52.2 92.2
65 61.5 85.8 125.8#

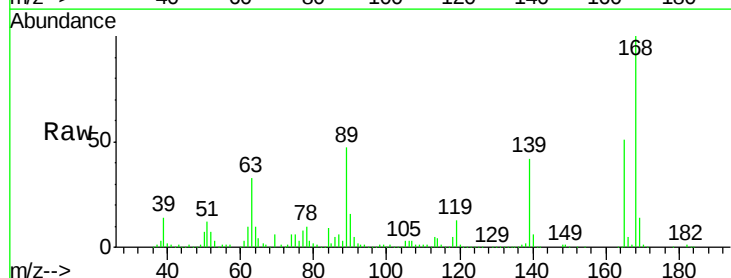


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

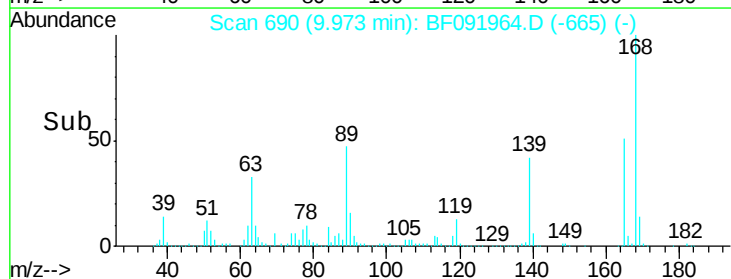
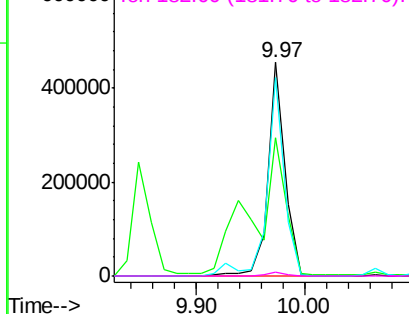


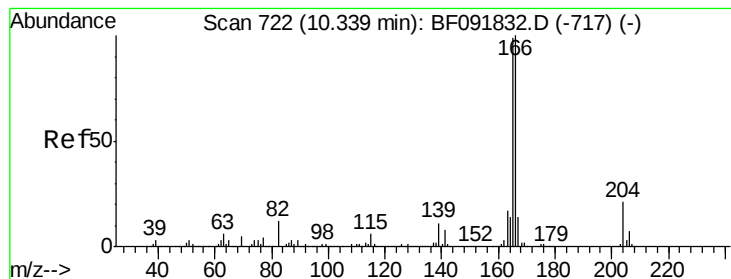
#56
2,4-Dinitrotoluene
Concen: 39.33 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

Tgt Ion:165 Resp: 495192
Ion Ratio Lower Upper
165 100
63 65.0 40.2 60.4#
89 92.8 62.5 93.7
182 2.1 1.8 2.8



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





#57

Fluorene

Concen: 45.43 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

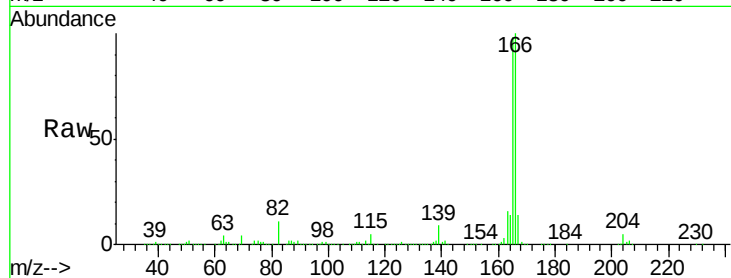
Tgt Ion:166 Resp: 1808508

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.8

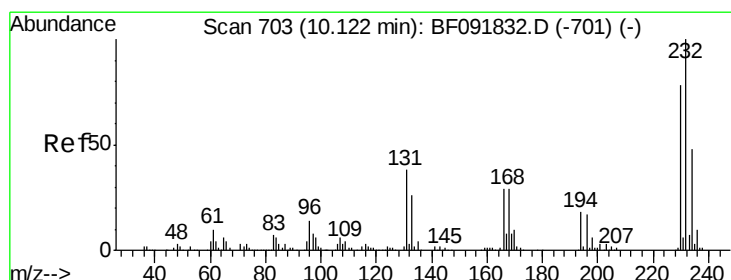
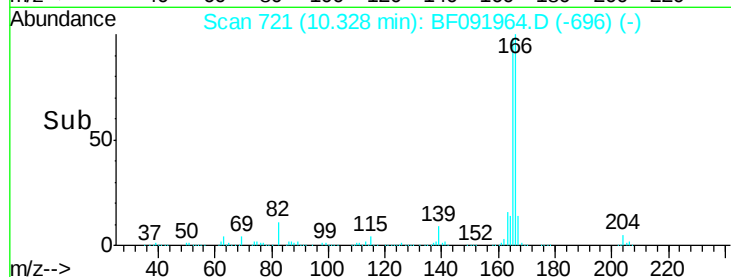
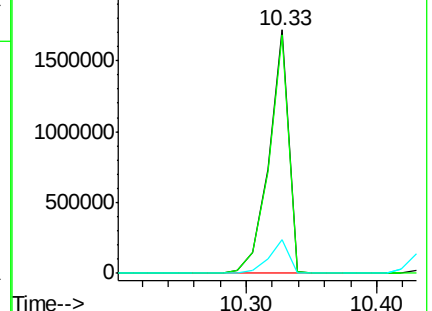
167 13.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.34 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Tgt Ion:232 Resp: 477604

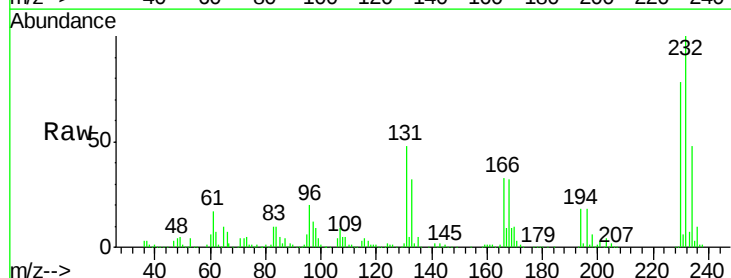
Ion Ratio Lower Upper

232 100

131 51.0 40.1 60.1

130 2.4 1.8 2.8

166 32.4 26.6 39.8

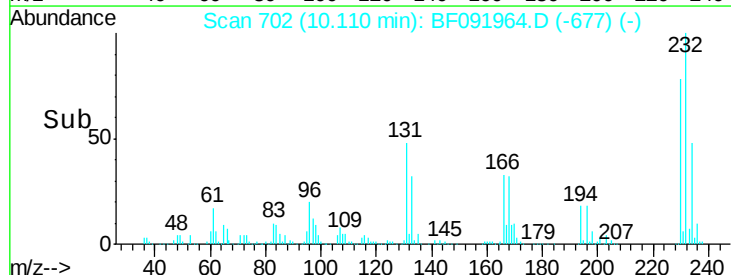
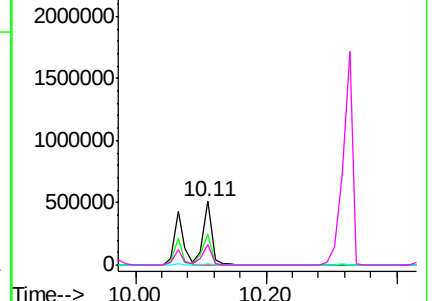


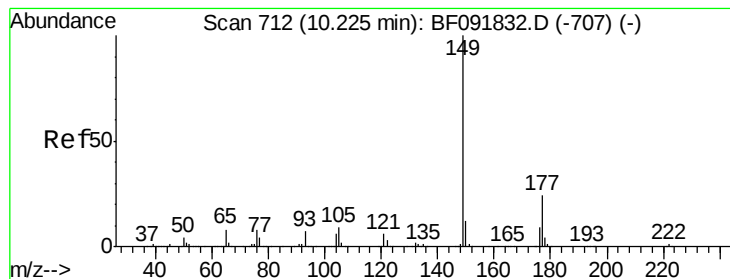
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.25 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

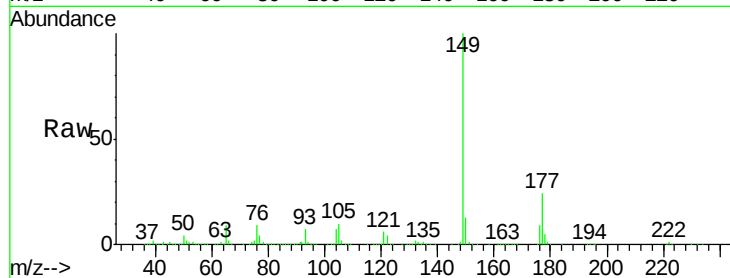
Tgt Ion:149 Resp: 2014141

Ion Ratio Lower Upper

149 100

177 23.6 16.6 25.0

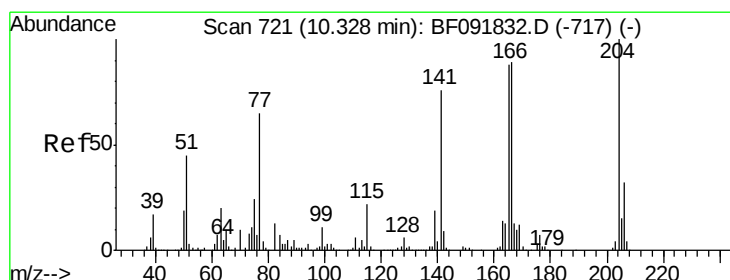
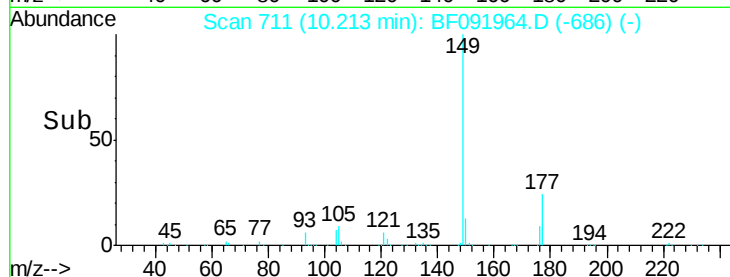
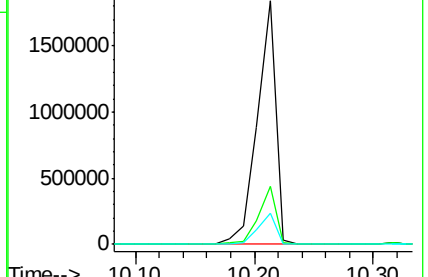
150 12.6 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.22 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

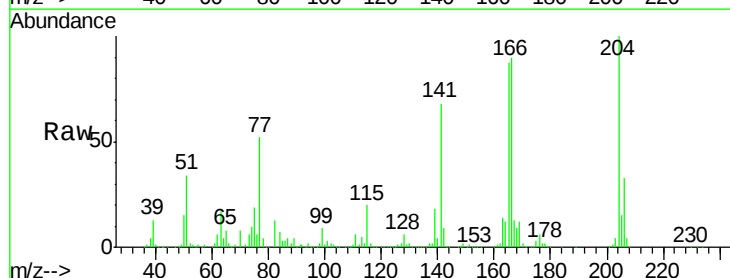
Tgt Ion:204 Resp: 718573

Ion Ratio Lower Upper

204 100

206 33.2 25.8 38.6

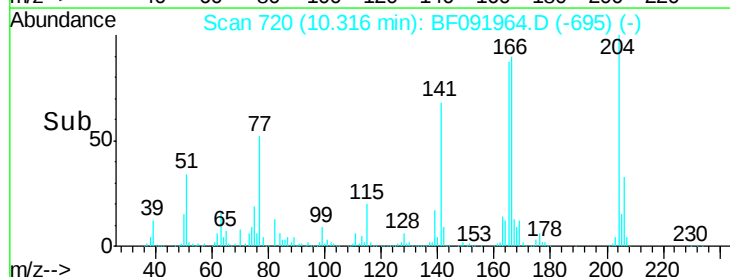
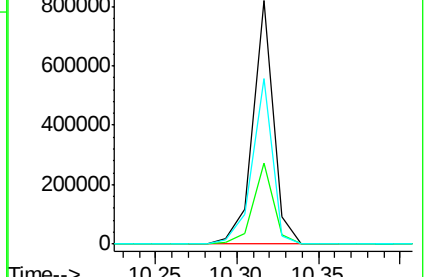
141 68.2 59.4 89.0

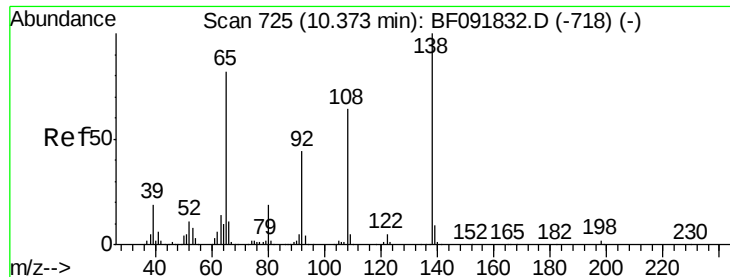


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.14 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

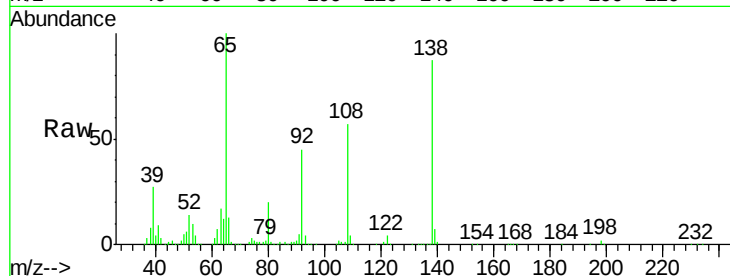
Tgt Ion:138 Resp: 464906

Ion Ratio Lower Upper

138 100

92 51.7 31.7 71.7

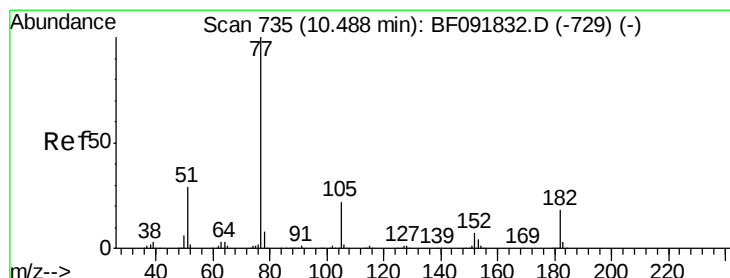
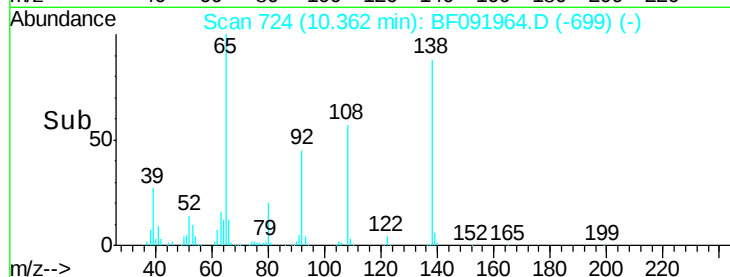
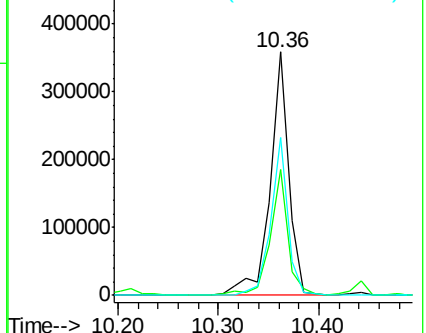
108 65.1 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.22 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Tgt Ion: 77 Resp: 2167194

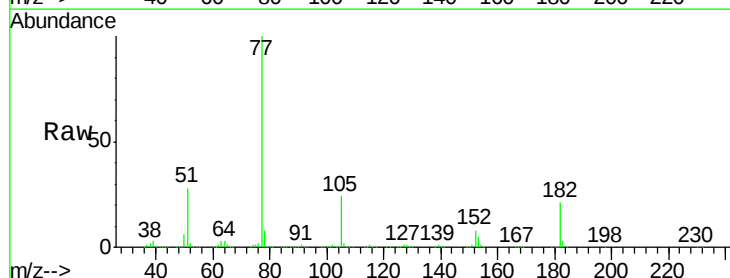
Ion Ratio Lower Upper

77 100

182 20.9 0.0 39.3

105 24.3 2.3 42.3

51 27.7 8.9 48.9

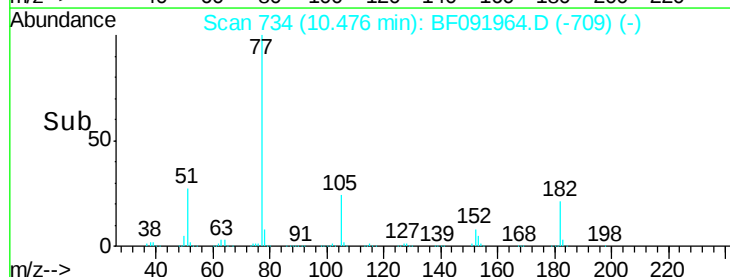
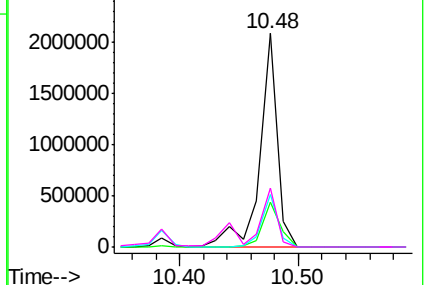


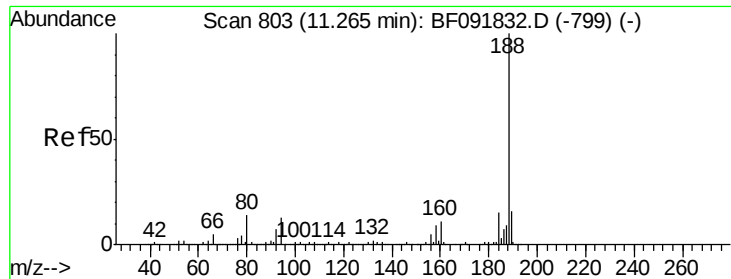
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

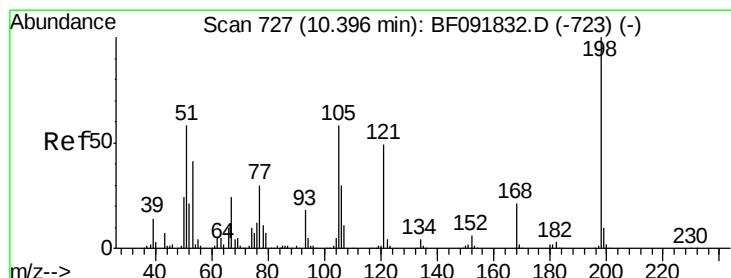
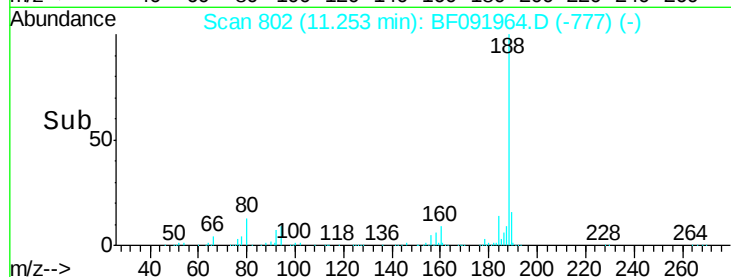
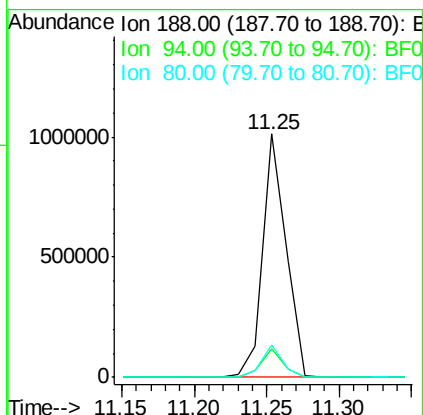
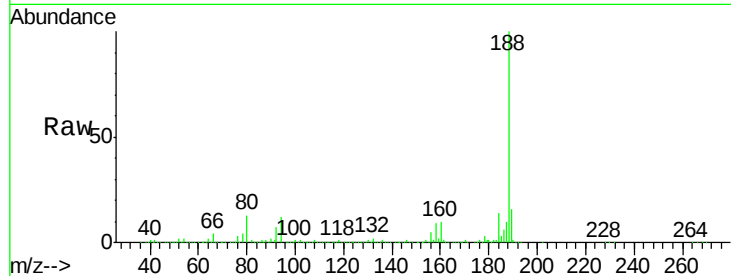




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

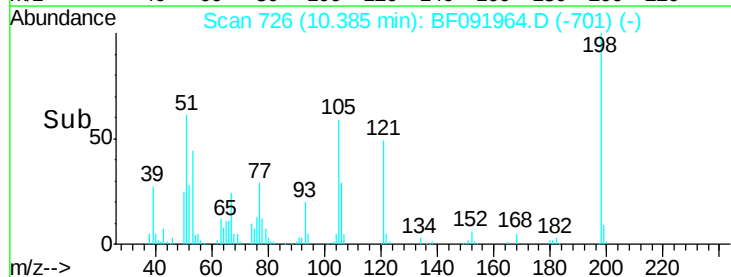
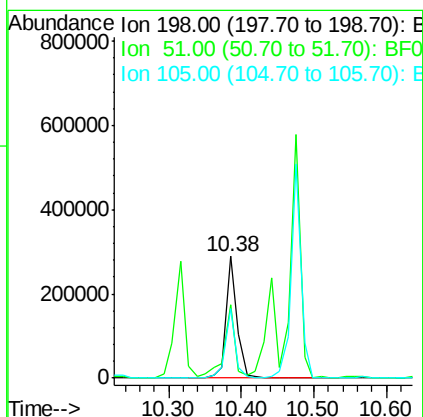
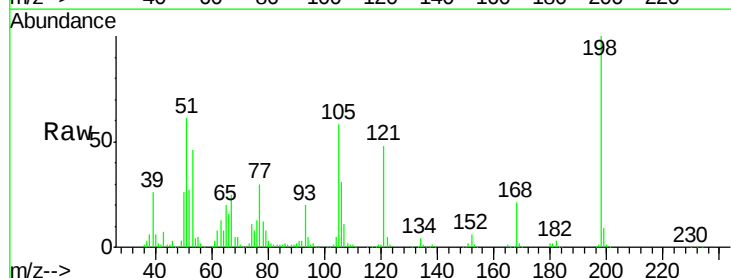
Instrument :
BNA_F
ClientSampleId :
PB95595BS

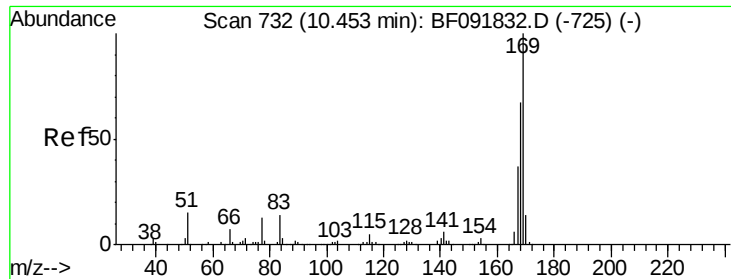
Tgt Ion:188 Resp: 1131415
Ion Ratio Lower Upper
188 100
94 12.0 10.0 15.0
80 13.1 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 44.80 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

Tgt Ion:198 Resp: 306515
Ion Ratio Lower Upper
198 100
51 60.6 6.7 46.7#
105 57.8 16.6 56.6#

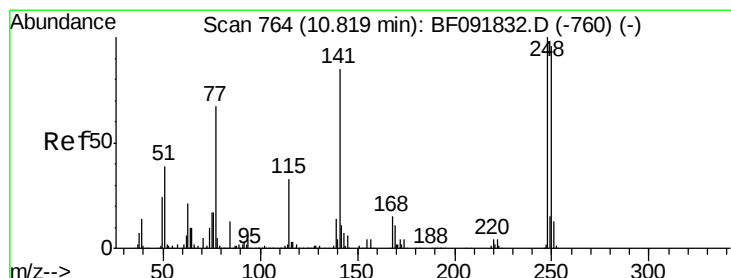
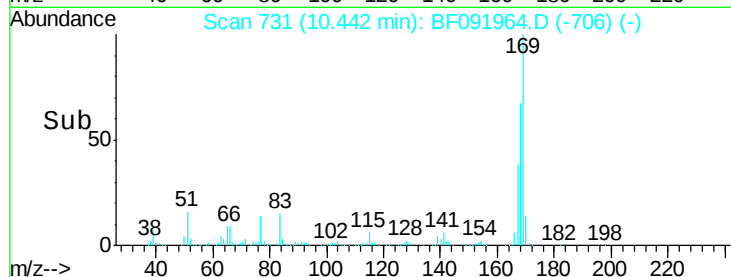
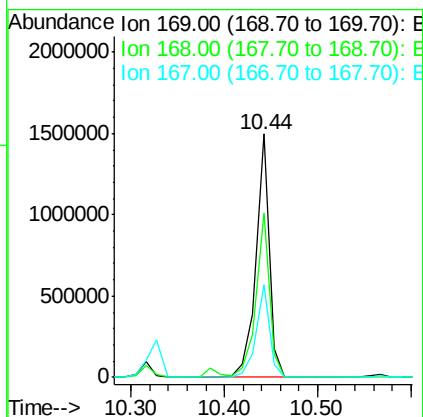
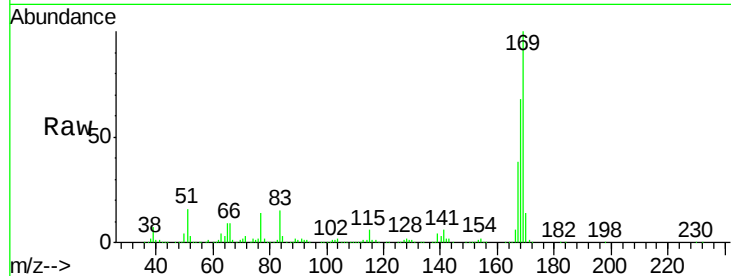




#65
n-Nitrosodiphenylamine
Concen: 44.36 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

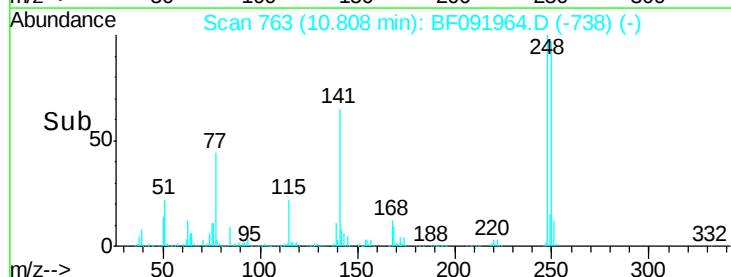
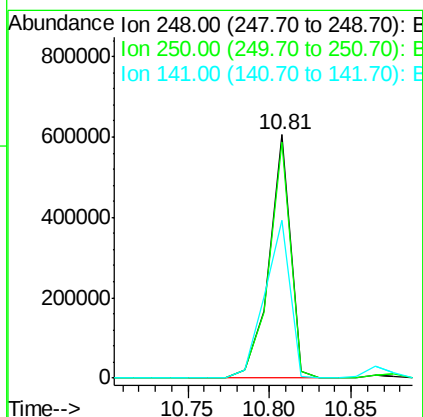
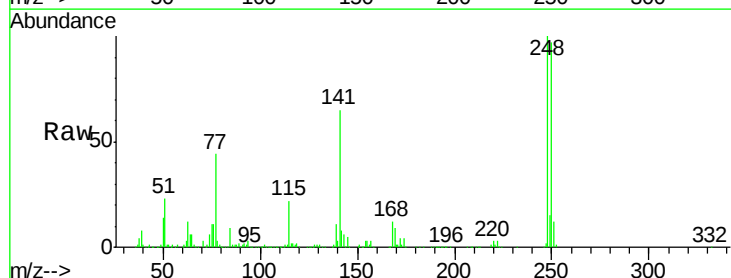
Instrument :
BNA_F
ClientSampleId :
PB95595BS

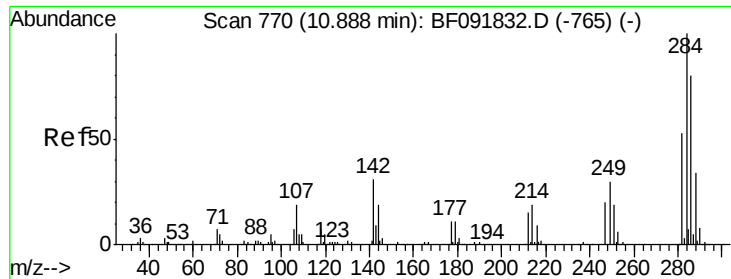
Tgt Ion:169 Resp: 1489191
Ion Ratio Lower Upper
169 100
168 67.5 54.2 81.2
167 37.8 30.2 45.4



#66
4-Bromophenyl-phenylether
Concen: 47.26 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

Tgt Ion:248 Resp: 556228
Ion Ratio Lower Upper
248 100
250 97.2 76.9 115.3
141 64.6 68.2 102.4#

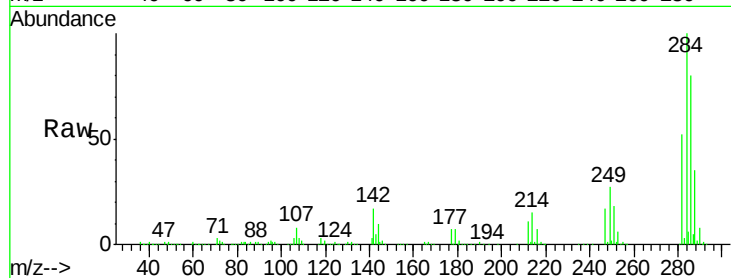




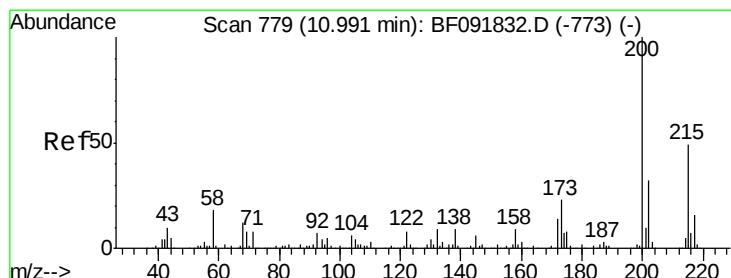
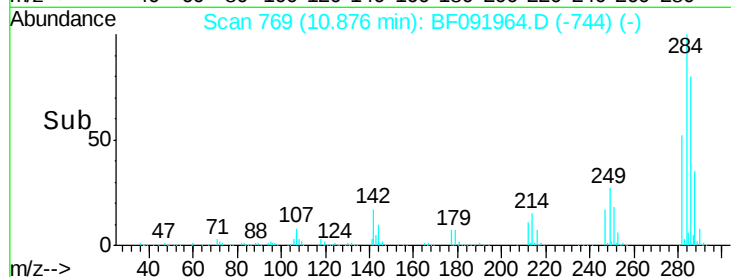
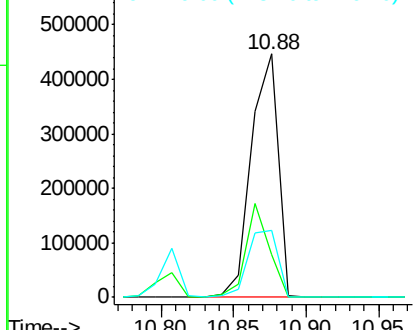
#67
Hexachlorobenzene
Concen: 45.61 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB95595BS

Tgt Ion:284 Resp: 573778
Ion Ratio Lower Upper
284 100
142 17.4 22.6 33.8#
249 27.3 25.4 38.0

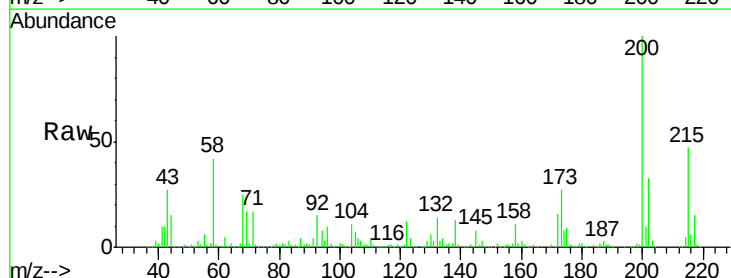


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

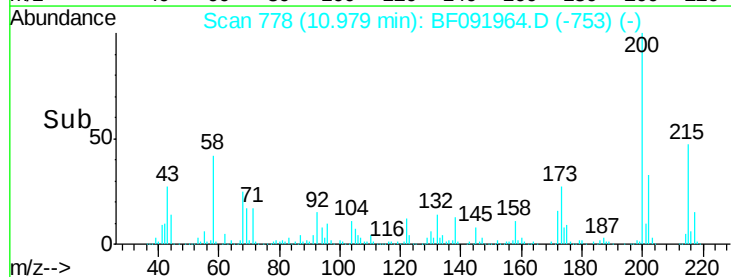
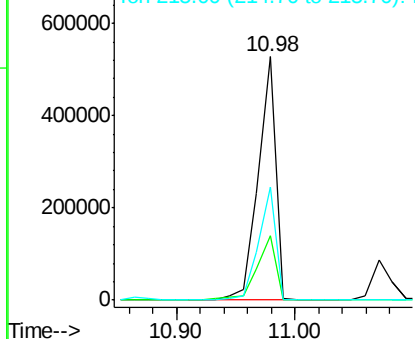


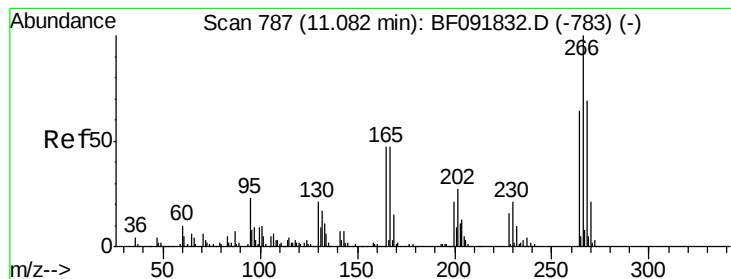
#68
Atrazine
Concen: 50.61 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

Tgt Ion:200 Resp: 548046
Ion Ratio Lower Upper
200 100
173 26.7 9.6 49.6
215 46.5 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 88.20 ng

RT: 11.07 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

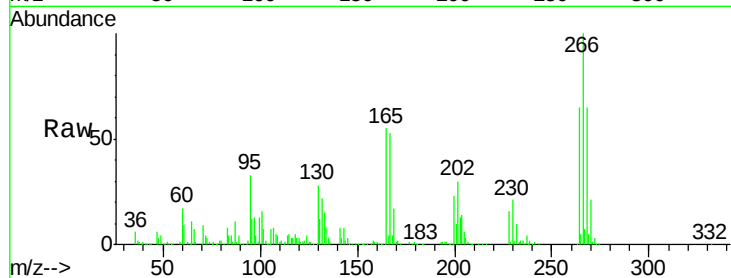
Tgt Ion:266 Resp: 544418

Ion Ratio Lower Upper

266 100

268 65.4 53.3 79.9

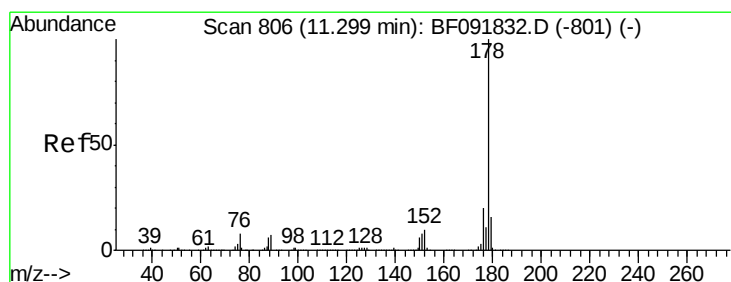
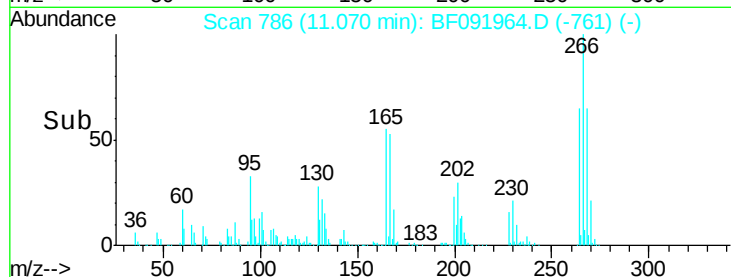
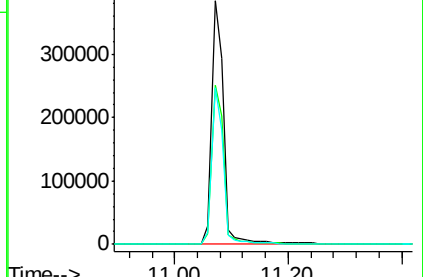
264 64.5 50.3 75.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.67 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

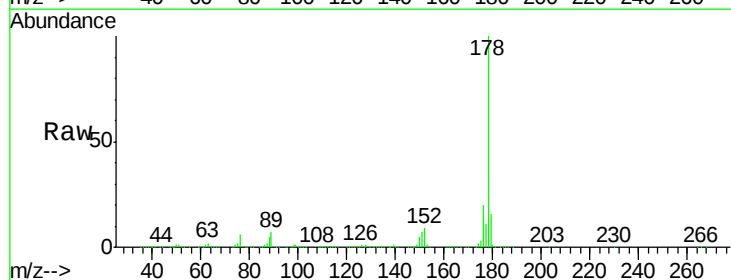
Tgt Ion:178 Resp: 2740231

Ion Ratio Lower Upper

178 100

176 20.1 16.6 25.0

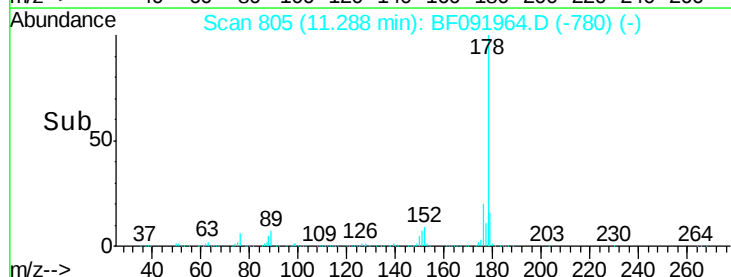
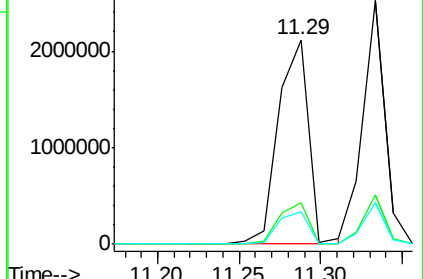
179 16.0 12.8 19.2

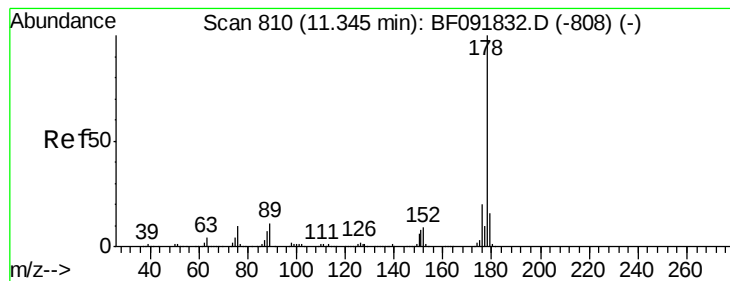


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 44.17 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

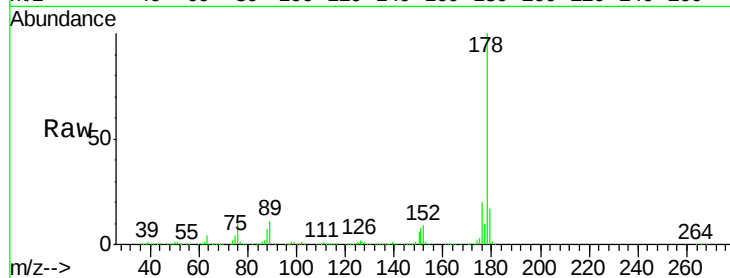
Tgt Ion:178 Resp: 2418099

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

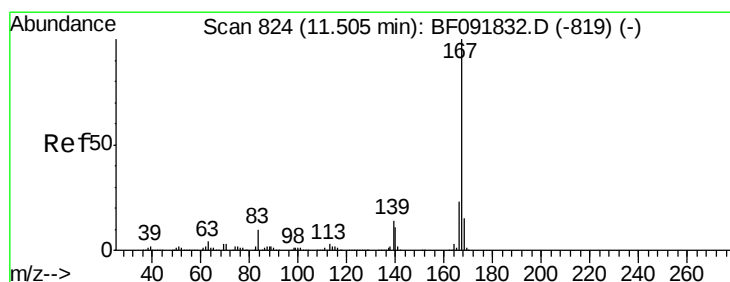
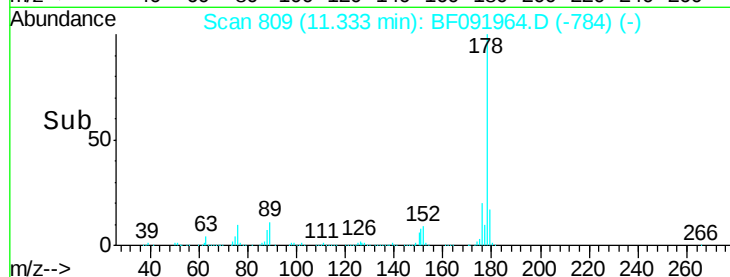
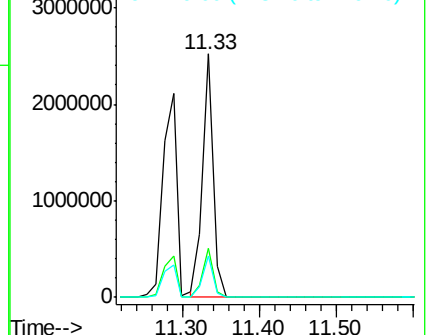
179 16.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.89 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

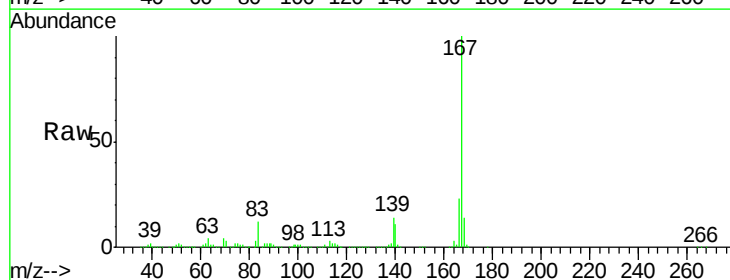
Tgt Ion:167 Resp: 2212401

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

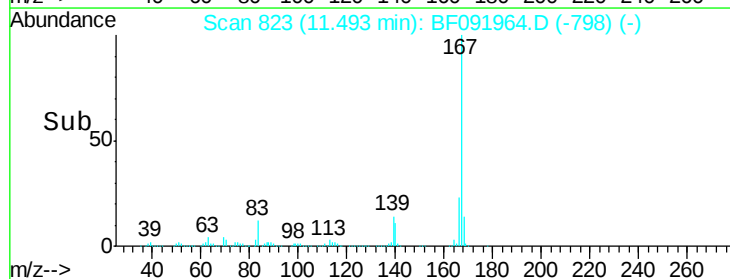
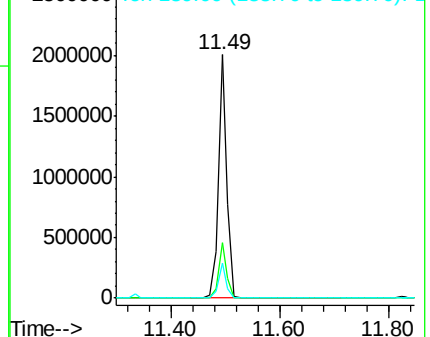
139 14.5 11.4 17.2

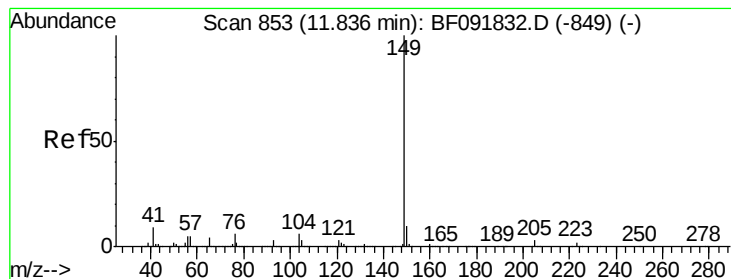


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.68 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

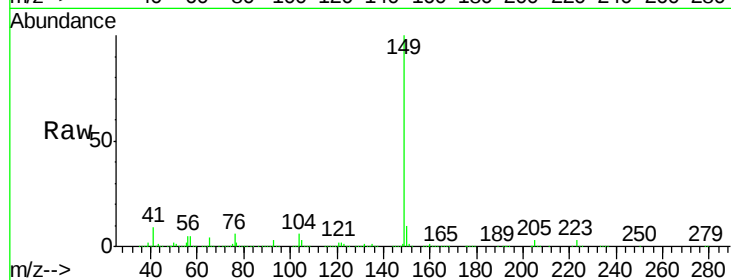
Tgt Ion:149 Resp: 2652091

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

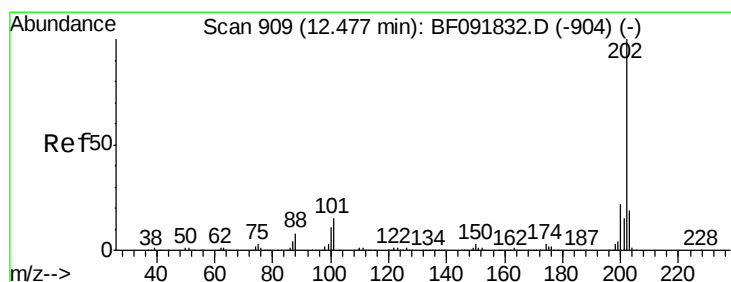
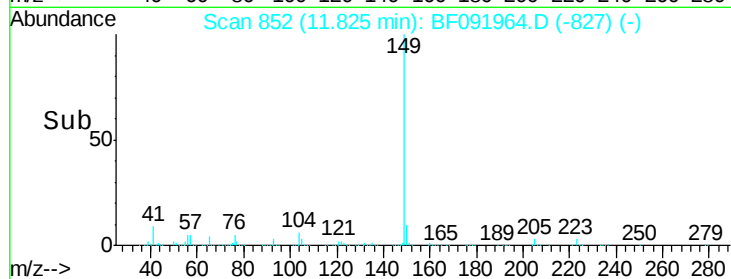
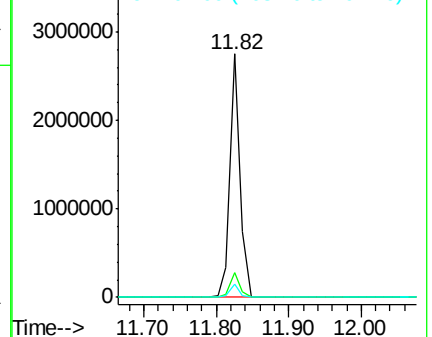
104 5.7 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.93 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

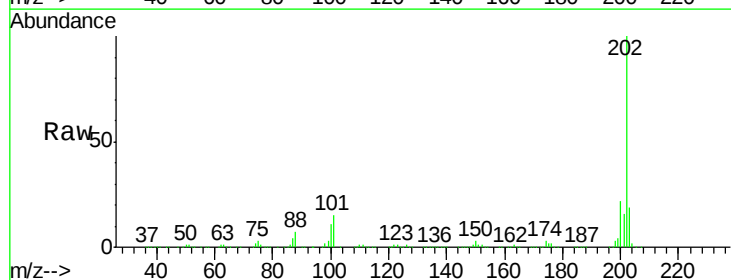
Tgt Ion:202 Resp: 2418568

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.6

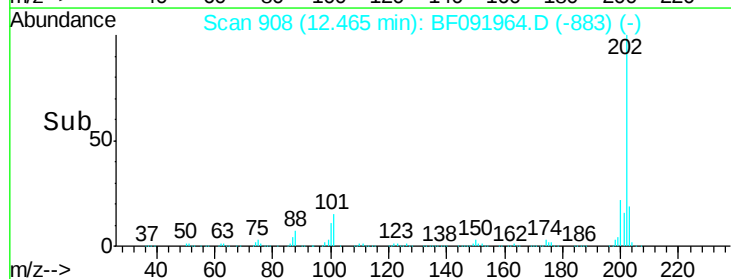
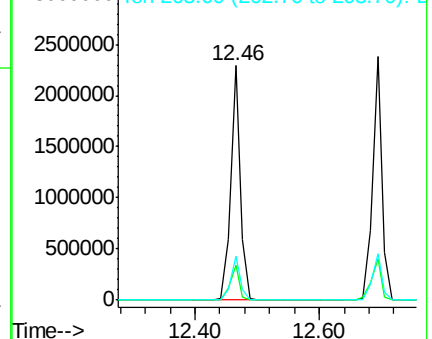
203 18.6 0.0 38.7

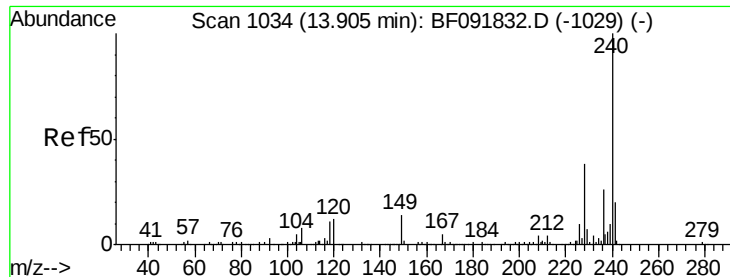


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

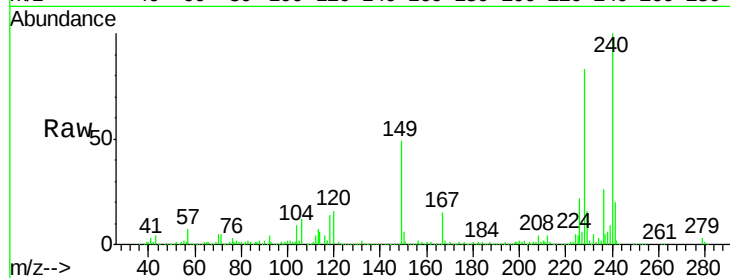
Tgt Ion:240 Resp: 800524

Ion Ratio Lower Upper

240 100

120 16.1 12.9 19.3

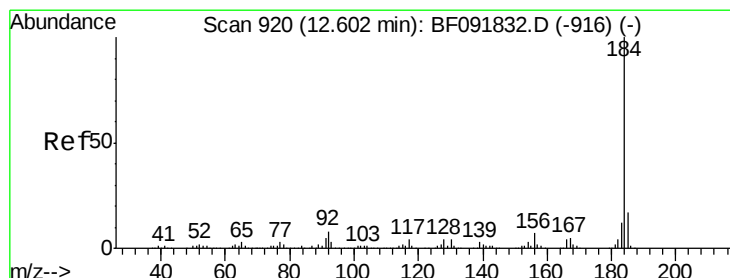
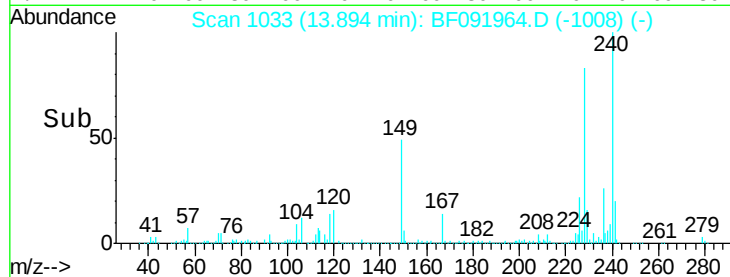
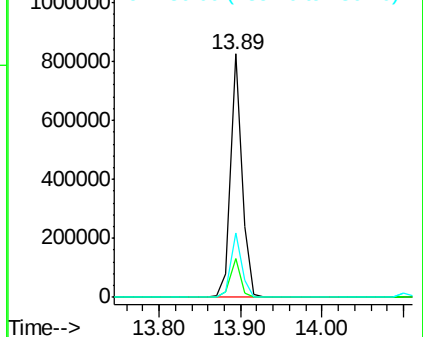
236 26.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.49 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

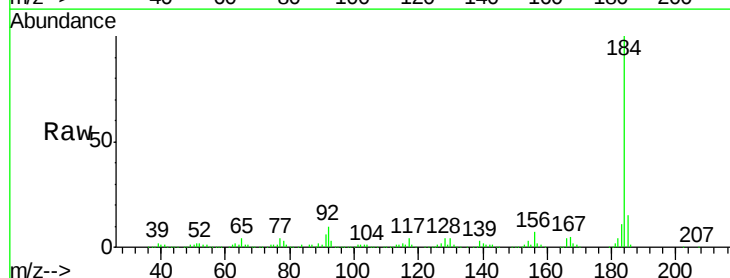
Tgt Ion:184 Resp: 691385

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.0

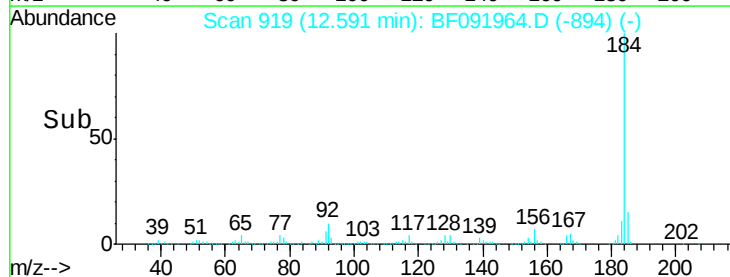
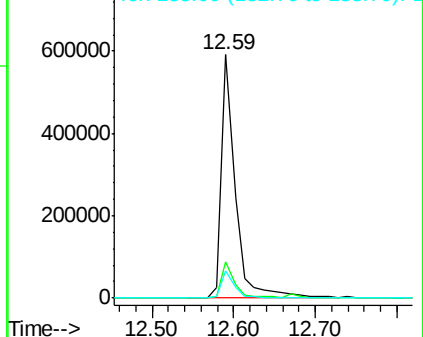
183 11.0 9.2 13.8

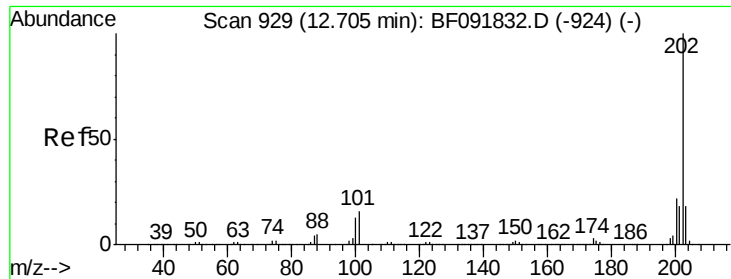


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

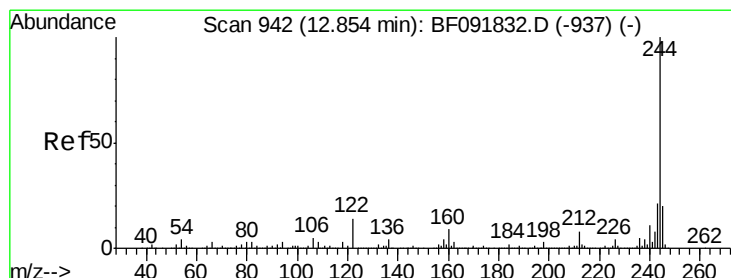
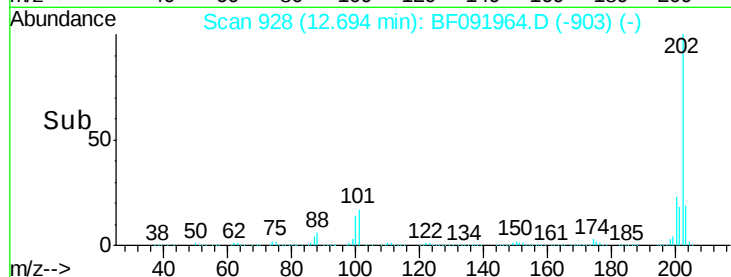
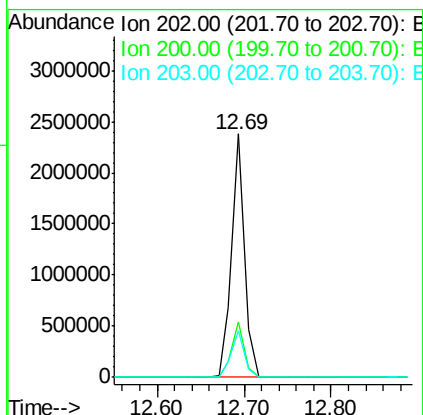
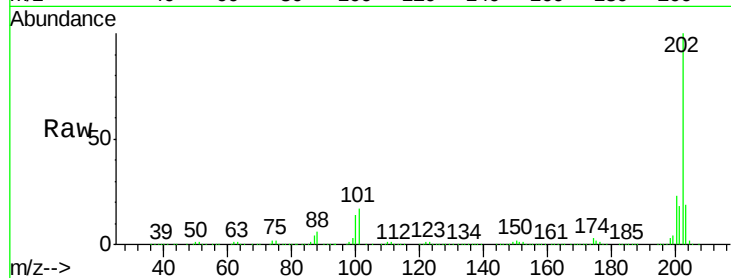




#77
 Pyrene
 Concen: 41.76 ng
 RT: 12.69 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

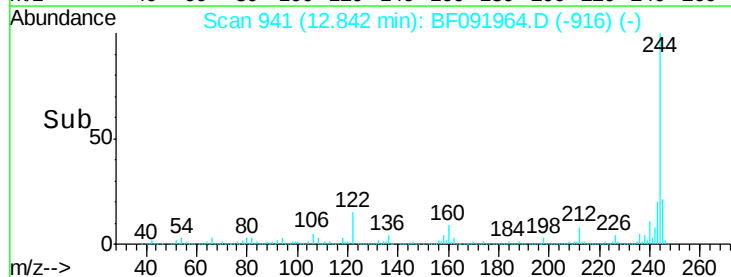
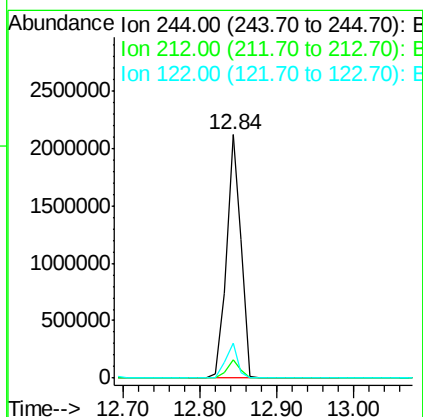
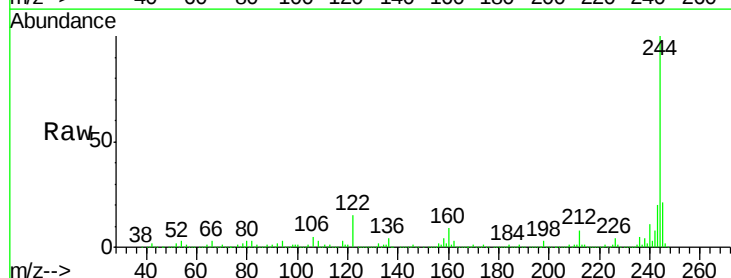
Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

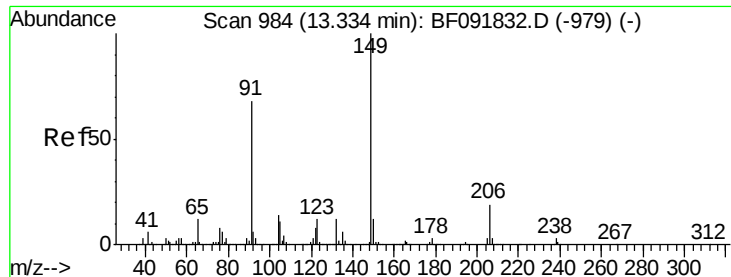
Tgt Ion:202 Resp: 2452683
 Ion Ratio Lower Upper
 202 100
 200 22.8 17.7 26.5
 203 18.9 14.7 22.1



#78
 Terphenyl-d14
 Concen: 86.15 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

Tgt Ion:244 Resp: 2843687
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 14.6 11.4 17.2

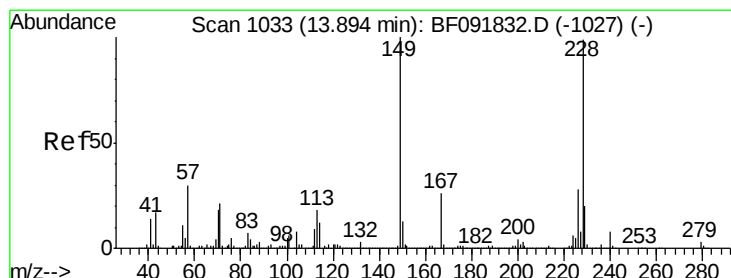
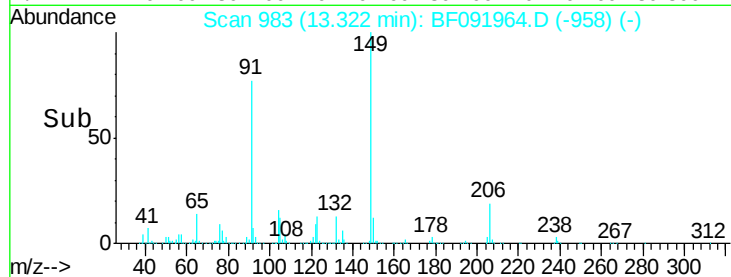
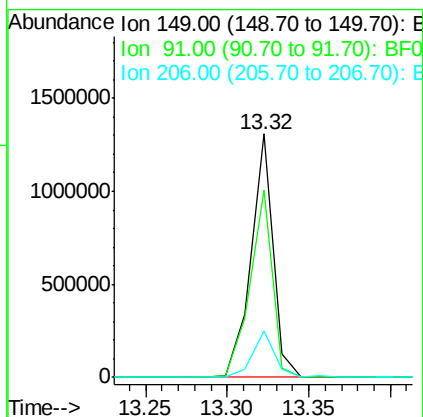
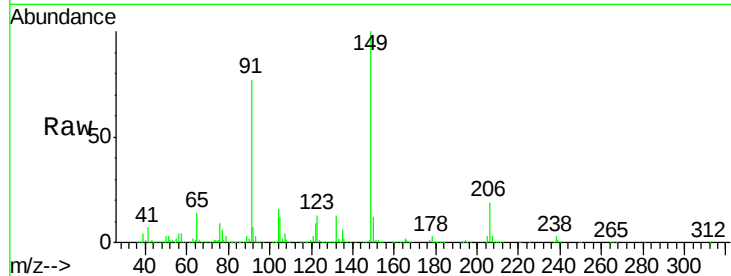




#79
Butylbenzylphthalate
Concen: 46.03 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

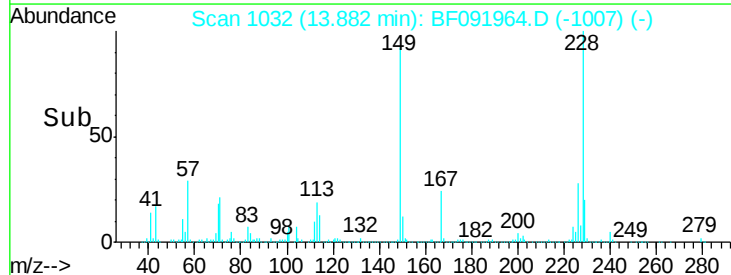
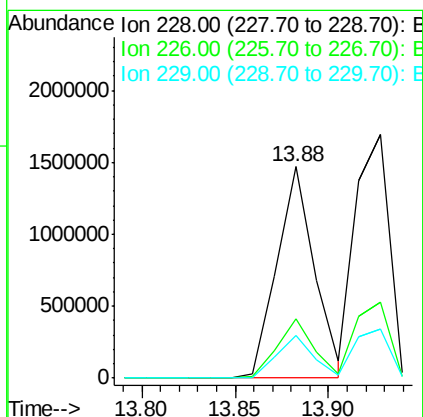
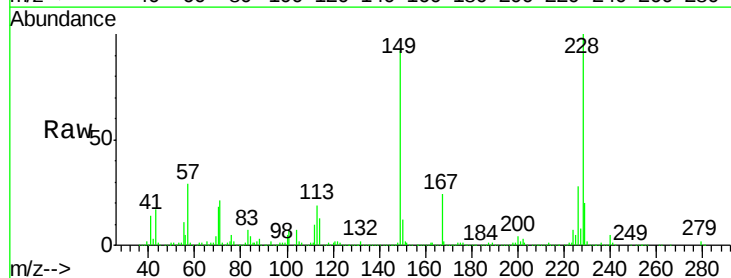
Instrument :
BNA_F
ClientSampleId :
PB95595BS

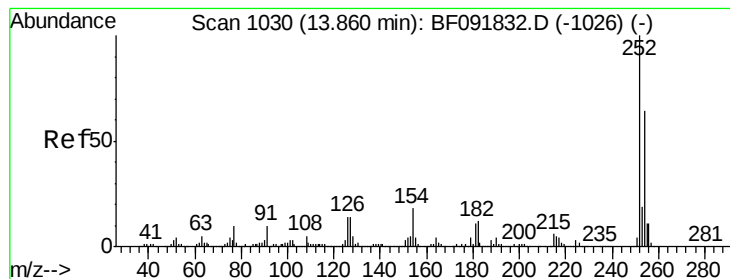
Tgt Ion:149 Resp: 1229561
Ion Ratio Lower Upper
149 100
91 76.8 63.9 95.9
206 19.0 14.6 21.8



#80
Benzo(a)anthracene
Concen: 45.63 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

Tgt Ion:228 Resp: 2061712
Ion Ratio Lower Upper
228 100
226 27.8 22.4 33.6
229 20.3 16.2 24.4

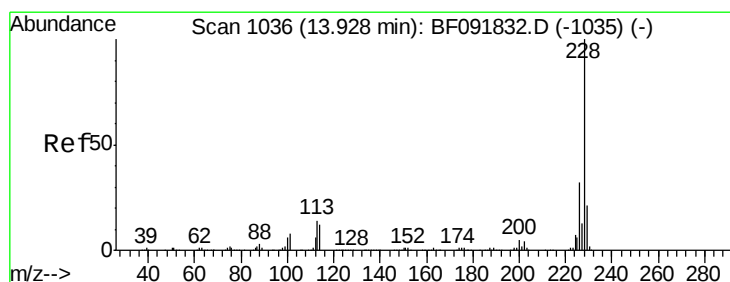
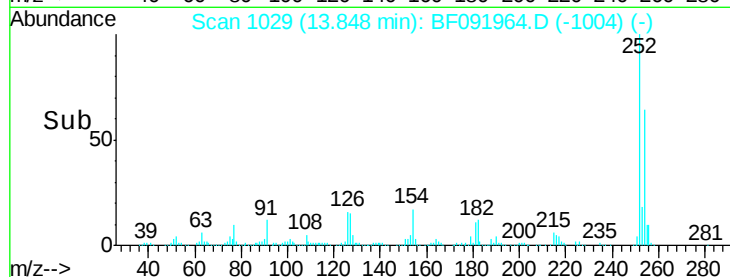
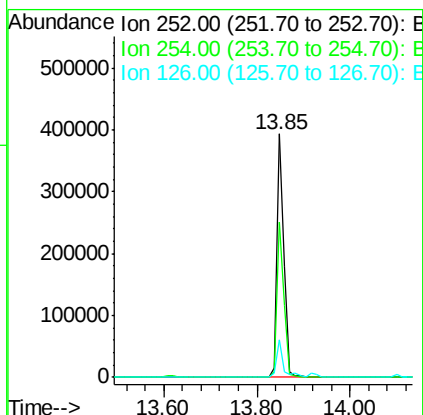
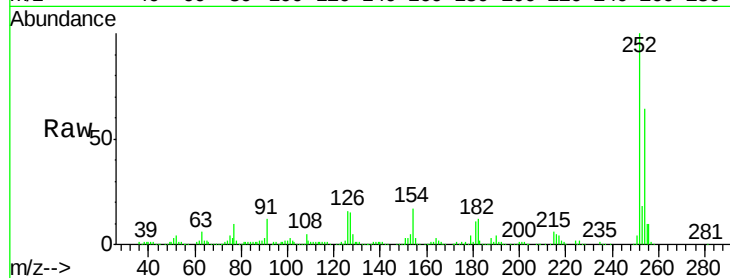




#81
 3,3'-Dichlorobenzidine
 Concen: 24.63 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

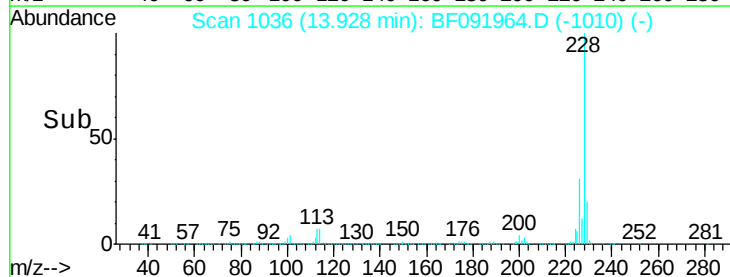
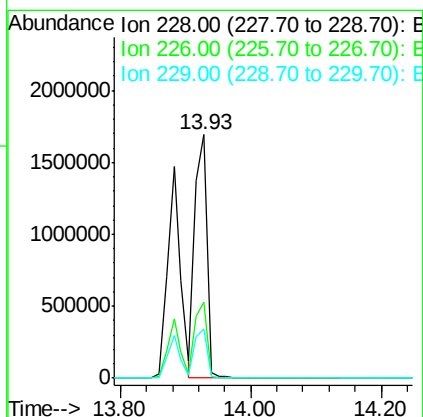
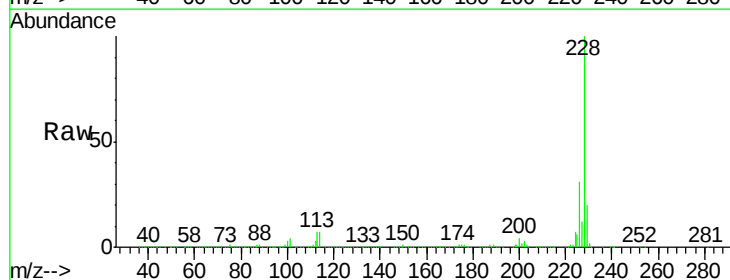
Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Tgt Ion: 252 Resp: 422035
 Ion Ratio Lower Upper
 252 100
 254 63.6 52.3 78.5
 126 15.6 13.6 20.4



#82
 Chrysene
 Concen: 47.89 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

Tgt Ion: 228 Resp: 2170512
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.4 38.0
 229 20.4 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.04 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

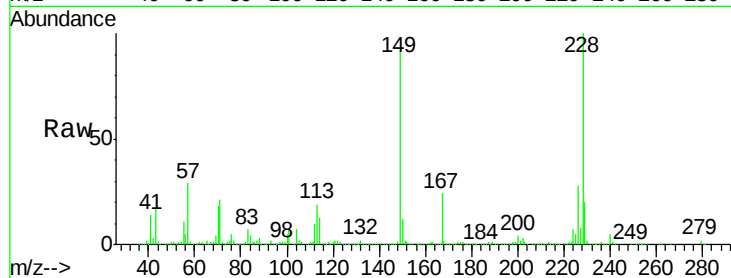
Tgt Ion:149 Resp: 1354048

Ion Ratio Lower Upper

149 100

167 26.1 20.2 30.4

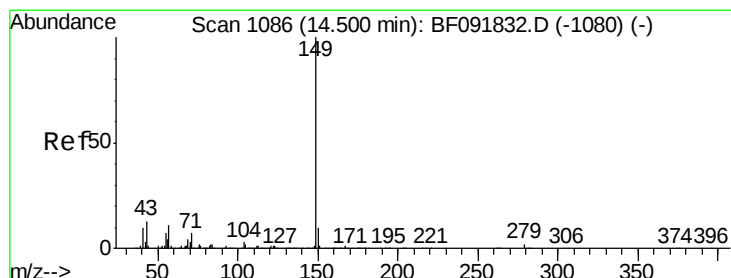
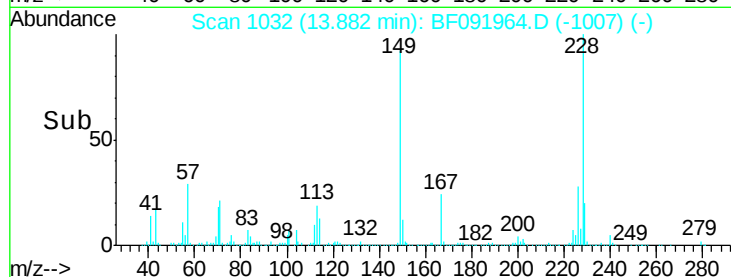
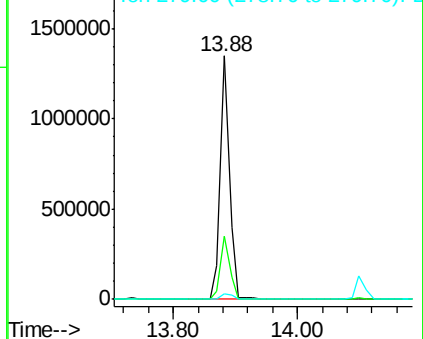
279 2.5 1.8 2.8



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: 50.42 ng

RT: 14.50 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

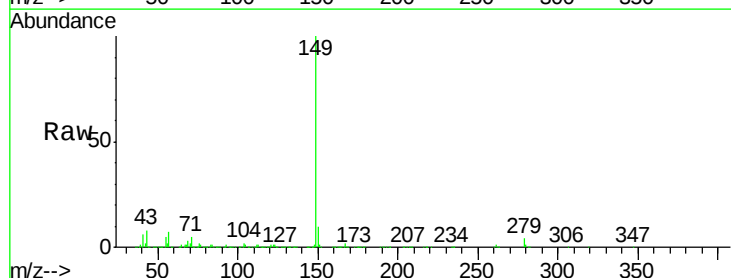
Tgt Ion:149 Resp: 2938158

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

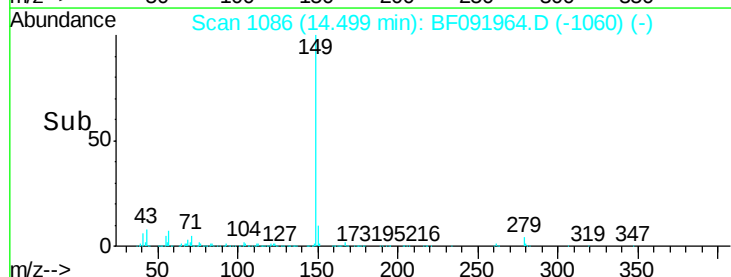
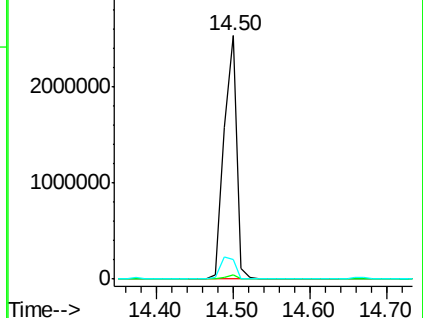
43 10.5 8.9 13.3

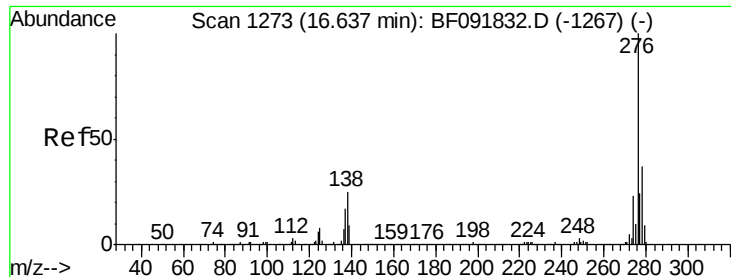


Abundance Ion 149.00 (148.70 to 149.70): E

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: 51.70 ng

RT: 16.63 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

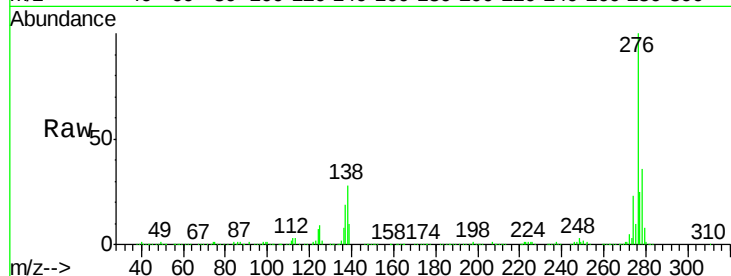
Tgt Ion:276 Resp: 2030081

Ion Ratio Lower Upper

276 100

138 29.6 21.8 32.6

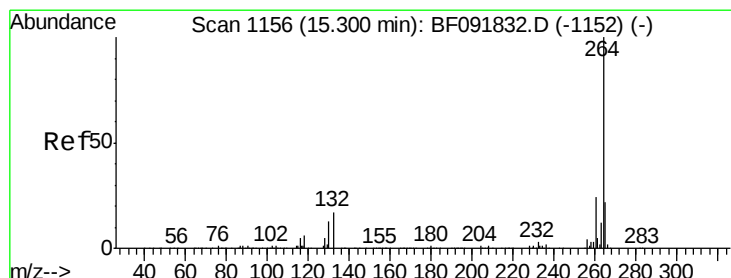
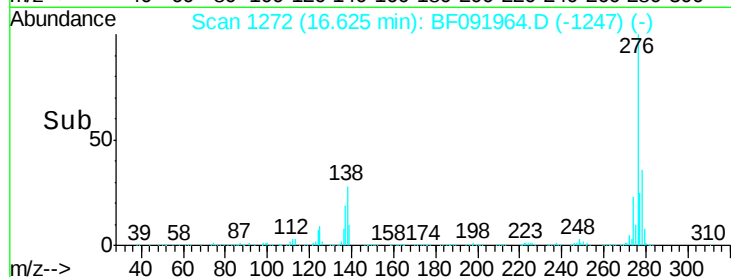
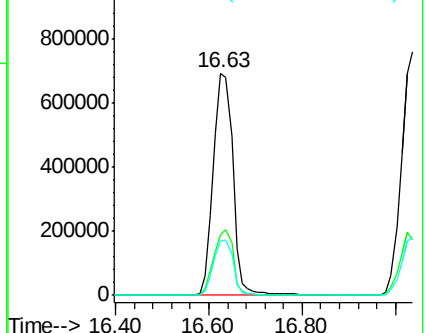
277 25.2 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.29 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

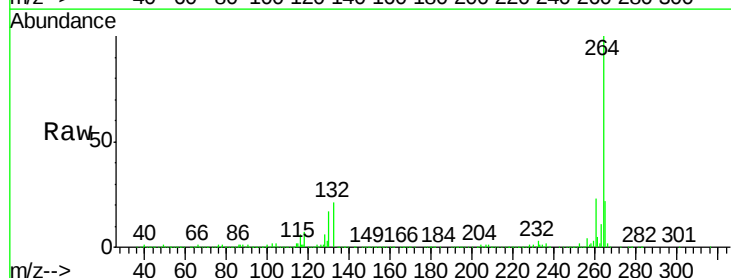
Tgt Ion:264 Resp: 814991

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

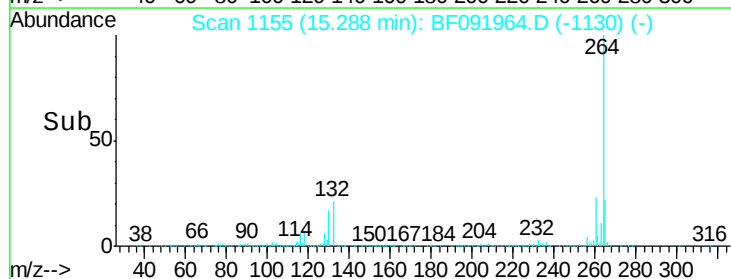
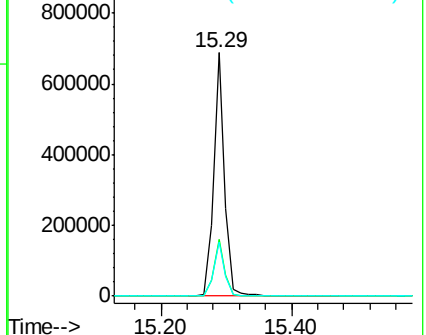
265 22.1 17.4 26.0

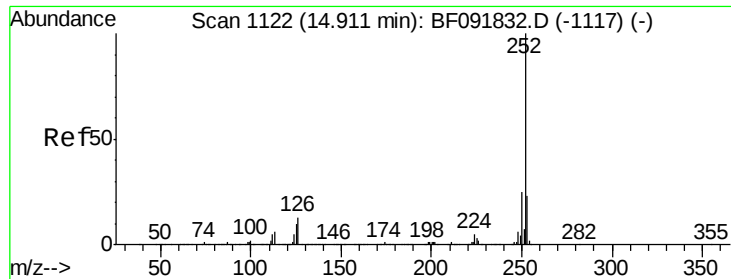


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

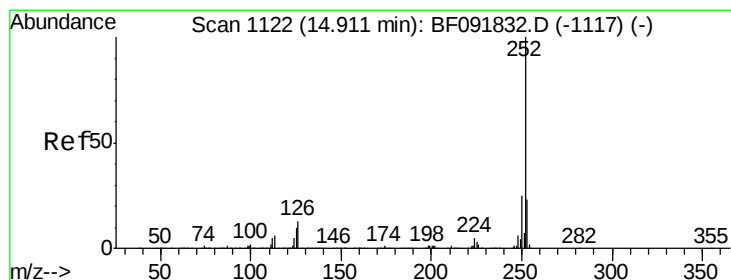
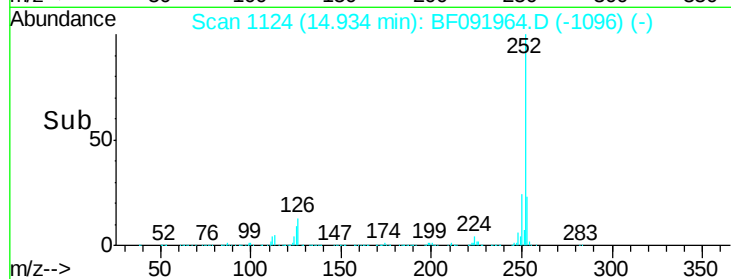
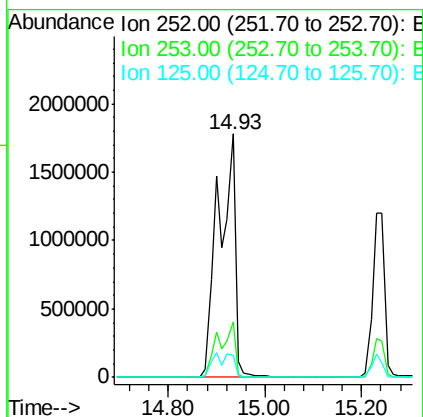
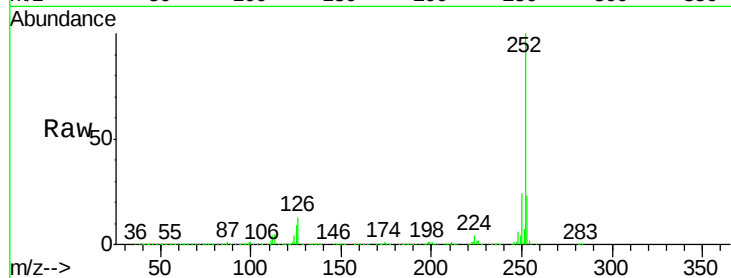




#87
Benzo(b)fluoranthene
Concen: 86.12 ng
RT: 14.93 min Scan# 1124
Delta R.T. 0.02 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

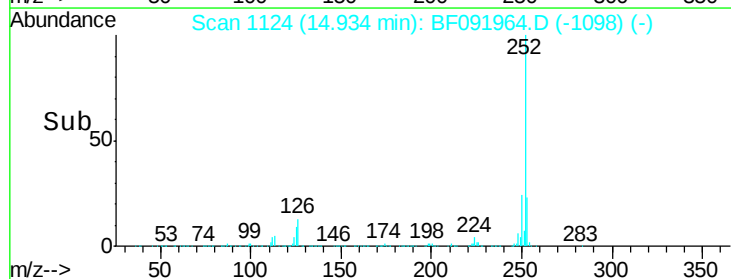
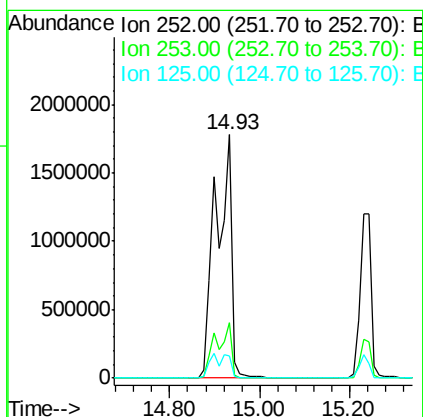
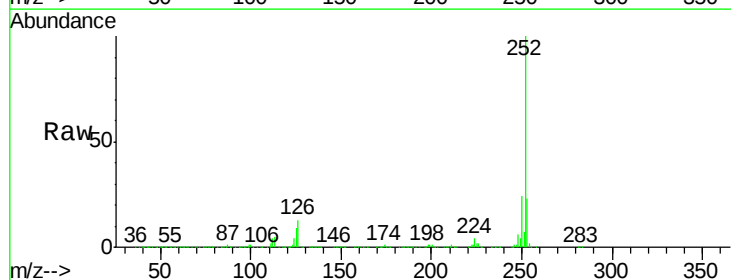
Instrument :
BNA_F
ClientSampleId :
PB95595BS

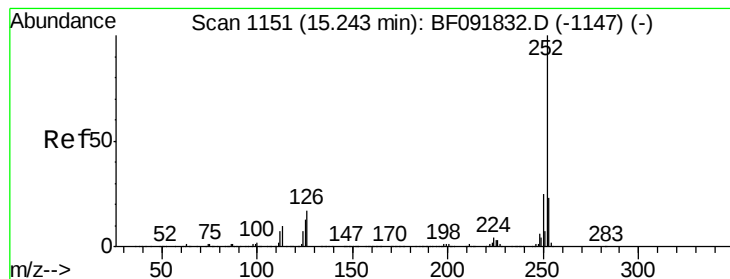
Tgt Ion:252 Resp: 4369554
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 9.2 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 101.04 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

Tgt Ion:252 Resp: 4371672
Ion Ratio Lower Upper
252 100
253 22.6 18.5 27.7
125 9.2 8.9 13.3





#89

Benzo(a)pyrene

Concen: 45.94 ng

RT: 15.24 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

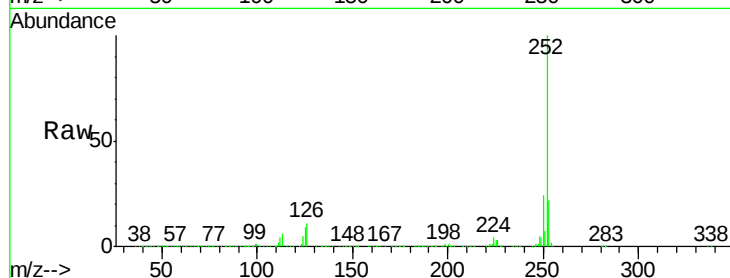
Tgt Ion:252 Resp: 2068793

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

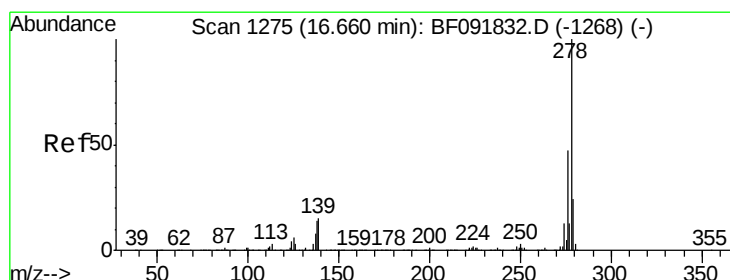
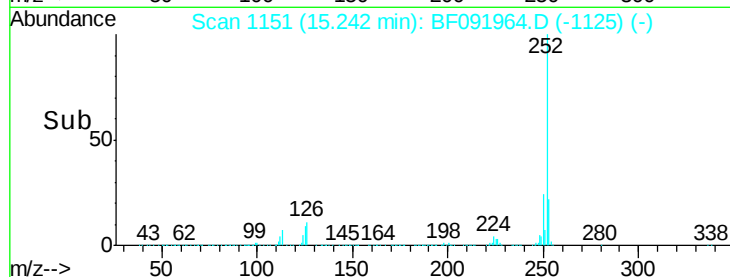
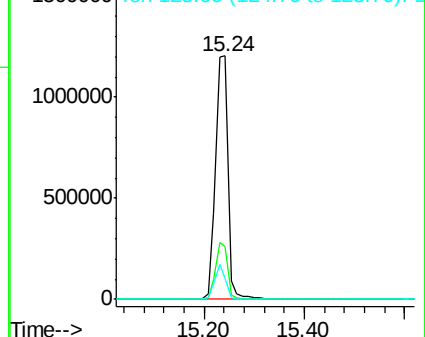
125 8.7 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.85 ng

RT: 16.65 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

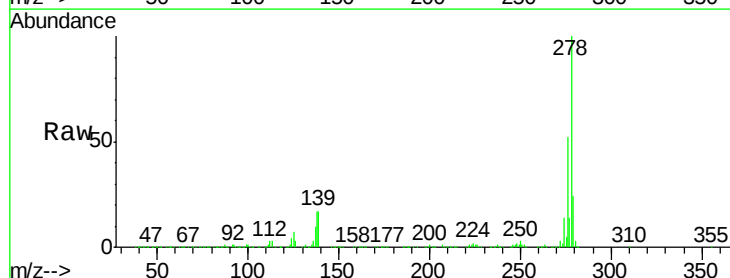
Tgt Ion:278 Resp: 1660022

Ion Ratio Lower Upper

278 100

139 17.2 14.8 22.2

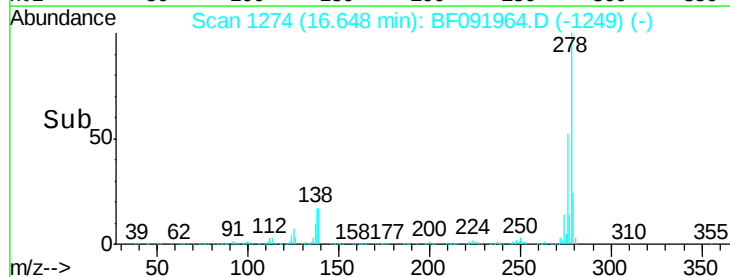
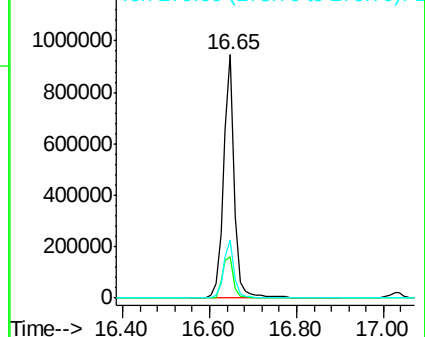
279 23.9 19.8 29.6

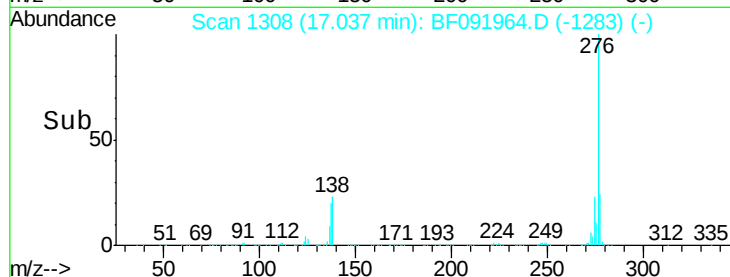
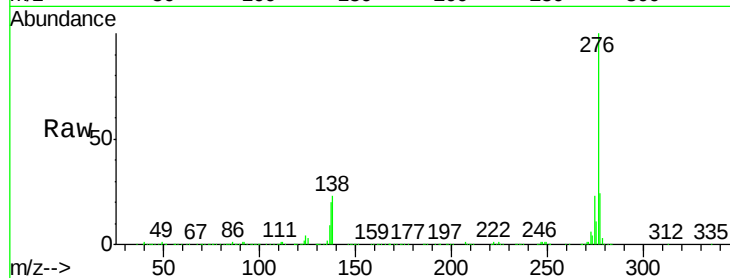
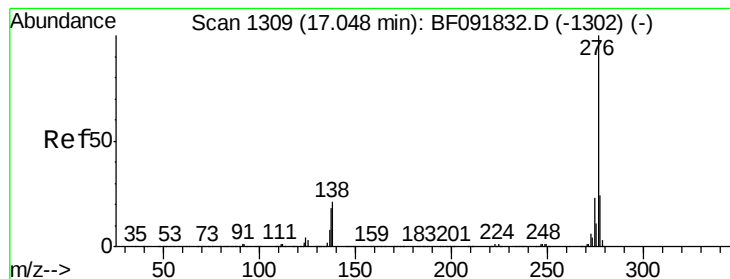


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.32 ng

RT: 17.04 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

Tgt Ion: 276 Resp: 1744318

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 23.0 16.0 24.0

