

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 28 00:28:29 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	267499m	52.71	ng	
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

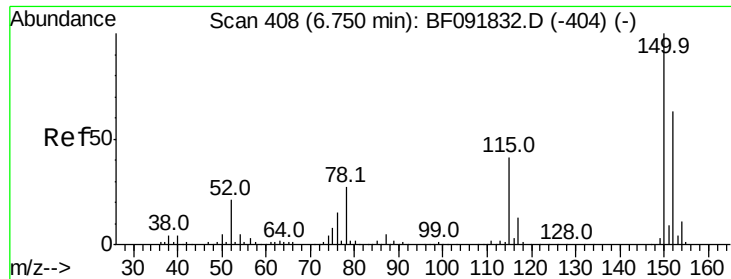
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	475656	37.56	nq	95
43) 2,4,5-Trichlorophenol	9.08	196	498297	38.24	nq	# 86
45) 1,1'-Biphenyl	9.20	154	2089218	42.58	nq	96
46) 2-Chloronaphthalene	9.22	162	1563500	40.24	nq	94
47) 2-Nitroaniline	9.33	65	640829	46.32	nq	# 83
48) Acenaphthylene	9.64	152	2686015	44.95	nq	99
49) Dimethylphthalate	9.52	163	2123973	46.34	nq	99
50) 2,6-Dinitrotoluene	9.57	165	456384	45.49	nq	# 84
51) Acenaphthene	9.81	154	1726249	42.61	nq	99
52) 3-Nitroaniline	9.74	138	235081	18.94	nq	# 76
53) 2,4-Dinitrophenol	9.86	184	482982	86.52	nq	94
54) Dibenzofuran	9.98	168	2314875	42.31	nq	98
55) 4-Nitrophenol	9.95	139	837812	99.39	nq	# 67
56) 2,4-Dinitrotoluene	9.97	165	495192	39.33	nq	# 82
57) Fluorene	10.33	166	1808508	45.43	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	477604	46.34	nq	99
59) Diethylphthalate	10.21	149	2014141	45.25	nq	96
60) 4-Chlorophenyl-phenylether	10.32	204	718573	41.22	nq	94
61) 4-Nitroaniline	10.36	138	464906	36.14	nq	95
62) Azobenzene	10.48	77	2167194	44.22	nq	97
64) 4,6-Dinitro-2-methylphenol	10.38	198	306515	44.80	nq	# 52
65) n-Nitrosodiphenylamine	10.44	169	1489191	44.36	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	556228	47.26	nq	# 89
67) Hexachlorobenzene	10.88	284	573778	45.61	nq	# 86
68) Atrazine	10.98	200	548046	50.61	nq	97
69) Pentachlorophenol	11.07	266	544418	88.20	nq	98
70) Phenanthrene	11.29	178	2699107m	44.00	nq	
71) Anthracene	11.33	178	2454866m	45.19	nq	
72) Carbazole	11.49	167	2212401	42.89	nq	100
73) Di-n-butylphthalate	11.82	149	2652091	45.68	nq	100
74) Fluoranthene	12.46	202	2418568	44.93	nq	100
76) Benzidine	12.59	184	691385	31.49	nq	97
77) Pyrene	12.69	202	2452683	41.76	nq	99
79) Butylbenzylphthalate	13.32	149	1229561	46.03	nq	97
80) Benzo(a)anthracene	13.88	228	2061712	45.63	nq	100
81) 3,3'-Dichlorobenzidine	13.85	252	422035	24.63	nq	98
82) Chrysene	13.93	228	2170512	47.89	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1354048	43.04	nq	98
84) Di-n-octyl phthalate	14.50	149	2938158	50.42	nq	99
85) Indeno(1,2,3-cd)pyrene	16.63	276	2030081	51.70	nq	98
87) Benzo(b)fluoranthene	14.90	252	2195294m	43.26	nq	
88) Benzo(k)fluoranthene	14.93	252	2135132m	49.35	nq	
89) Benzo(a)pyrene	15.24	252	2068793	45.94	nq	# 95
90) Dibenzo(a,h)anthracene	16.65	278	1660022	44.85	nq	98
91) Benzo(g,h,i)perylene	17.04	276	1744318	45.32	nq	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

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BNA_F

ClientSampleId :

PB95595BS

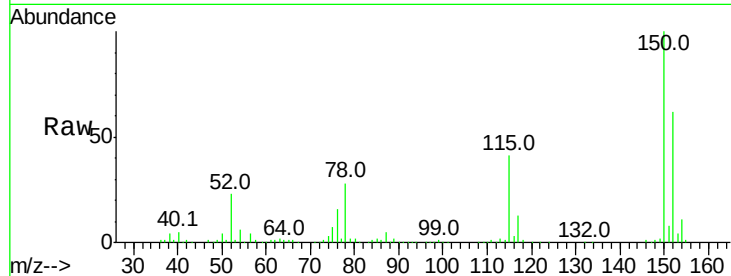
Tot Ion:152 Resp: 290393

Ion Ratio Lower Upper

152 100

150 160.7 124.9 187.3

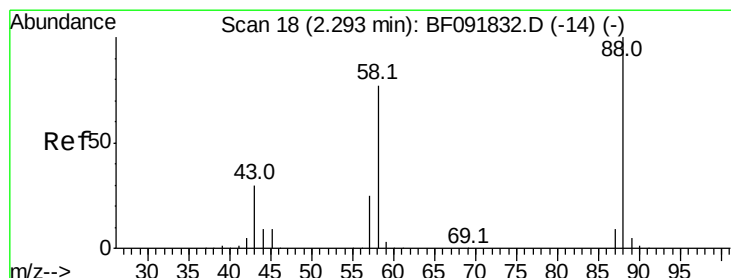
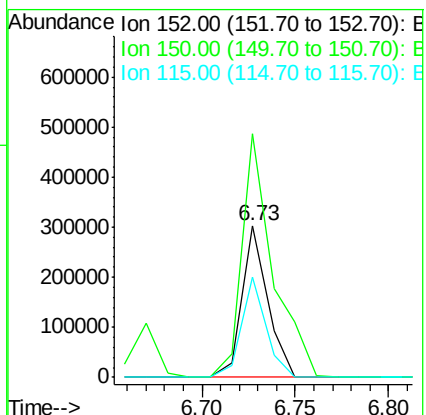
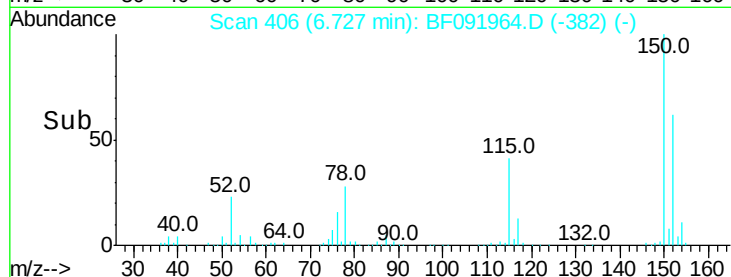
115 66.0 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 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

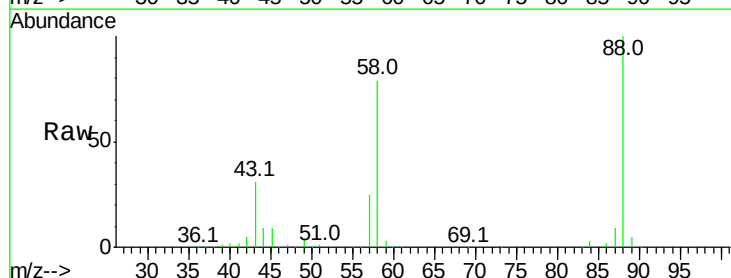
Tgt Ion: 88 Resp: 330697

Ion Ratio Lower Upper

88 100

58 74.0 57.8 86.8

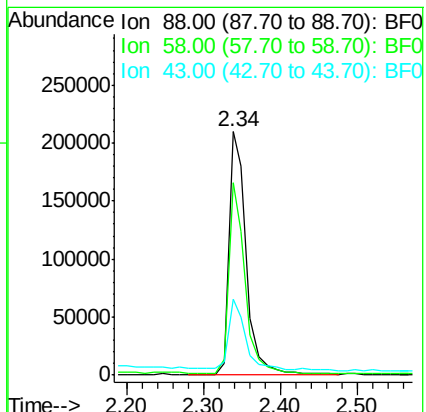
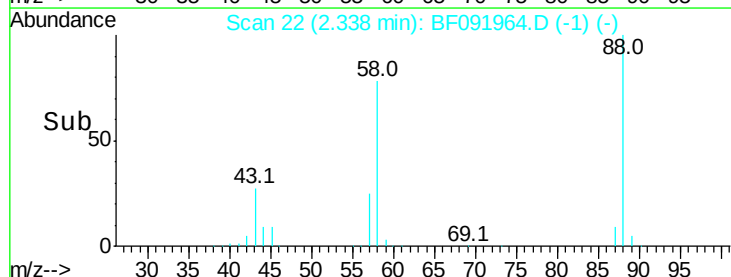
43 30.5 22.3 33.5

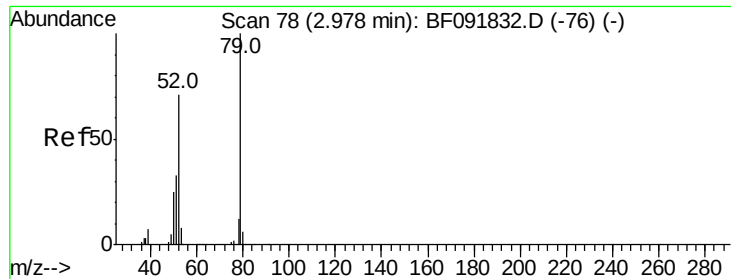


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.24 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.03 min

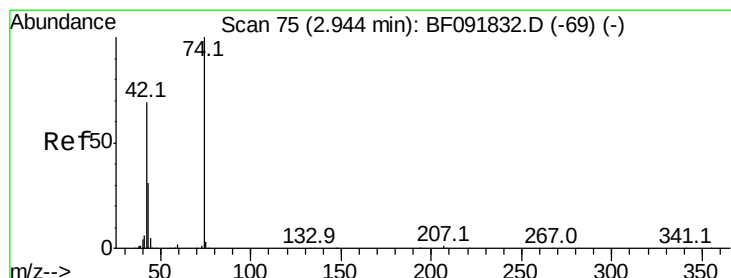
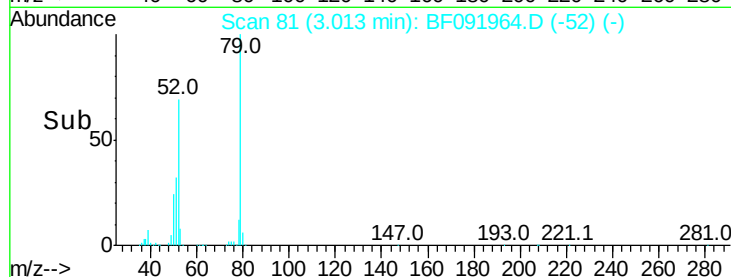
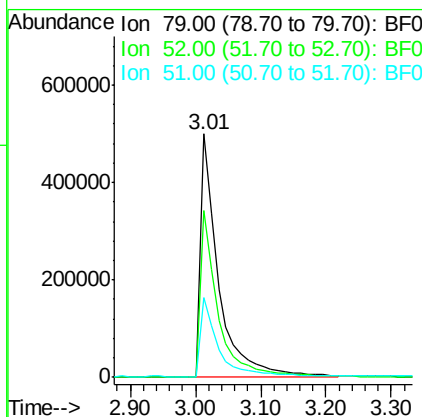
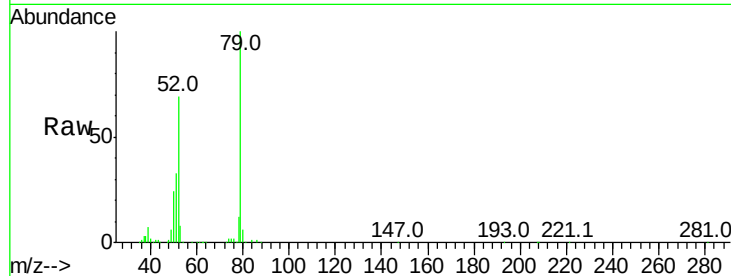
Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :
BNA_F
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PB95595BS

Tot 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

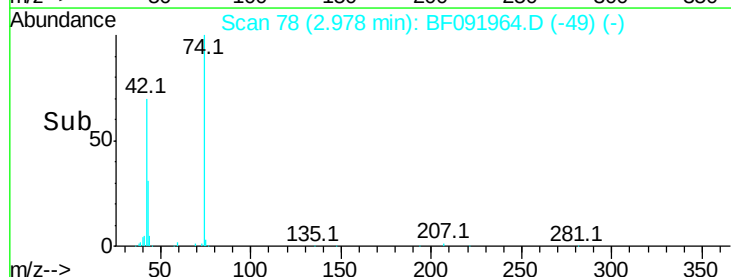
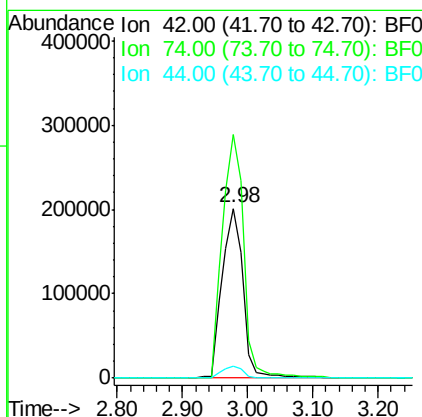
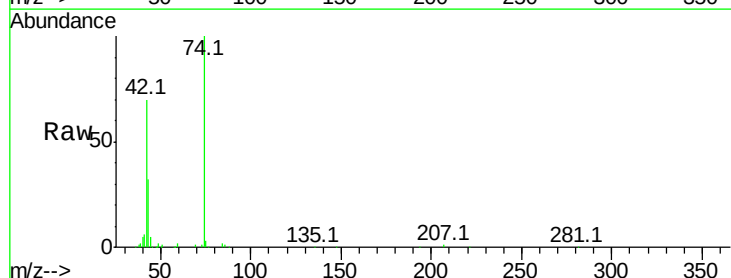
Delta R.T. 0.03 min

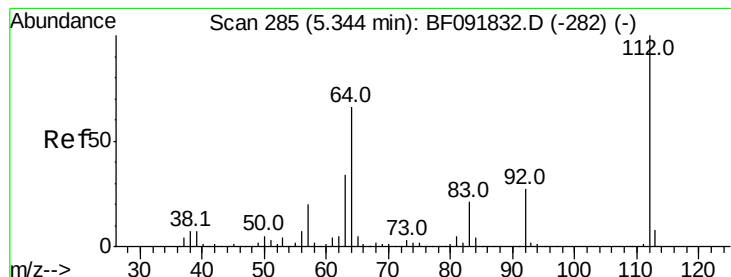
Lab File: BF091964.D

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

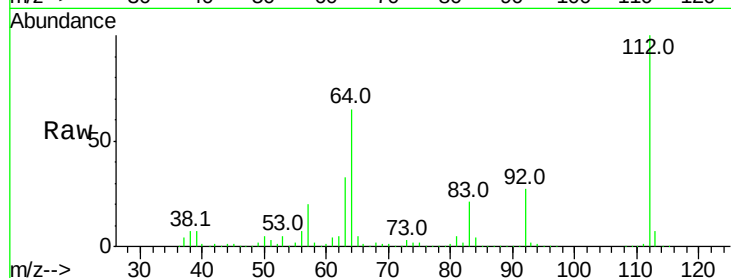
Tot Ion:112 Resp: 2144337

Ion Ratio Lower Upper

112 100

64 65.0 46.1 69.1

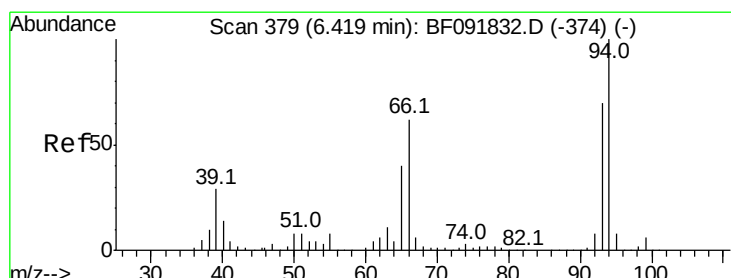
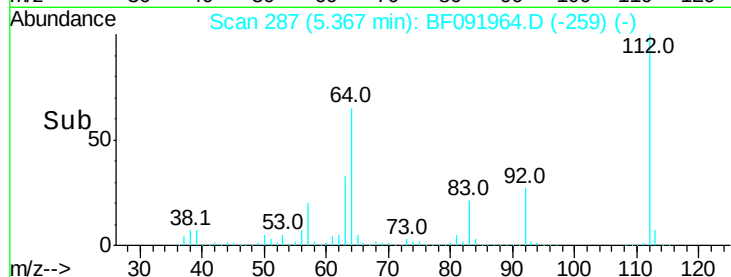
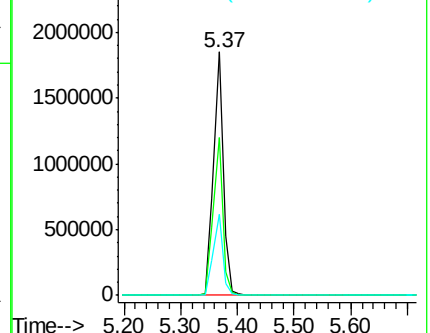
63 33.5 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

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

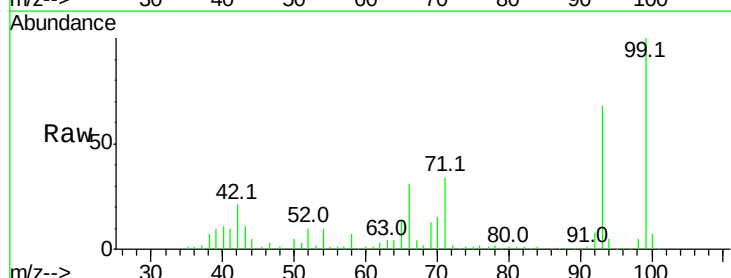
Tgt Ion: 93 Resp: 614517

Ion Ratio Lower Upper

93 100

66 45.8 76.2 114.2#

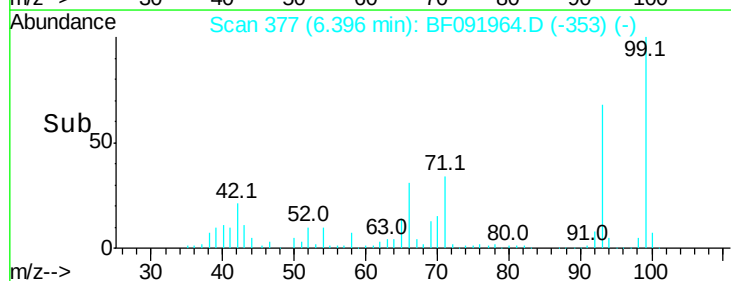
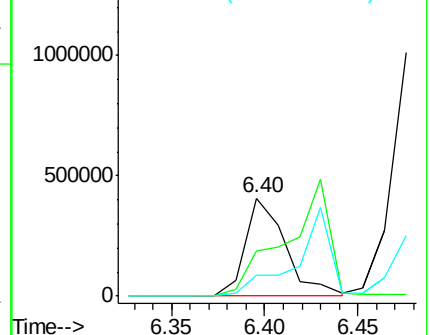
65 20.7 49.3 73.9#

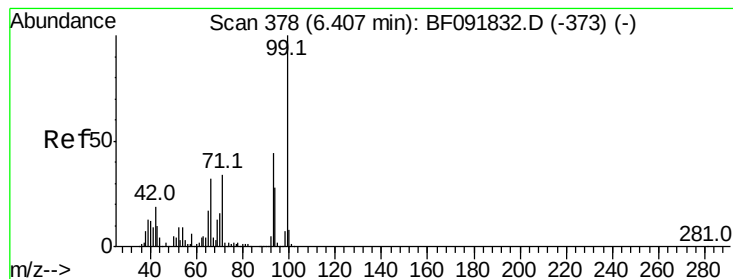


Abundance Ion 93.00 (92.70 to 93.70): BF0

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

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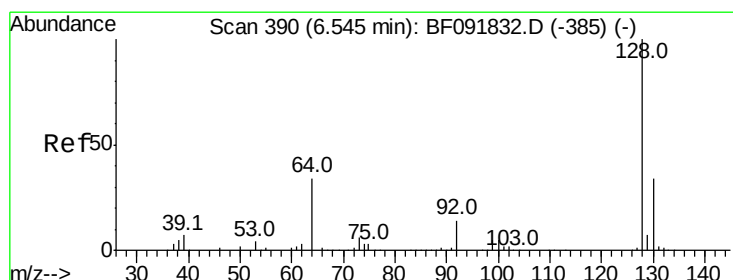
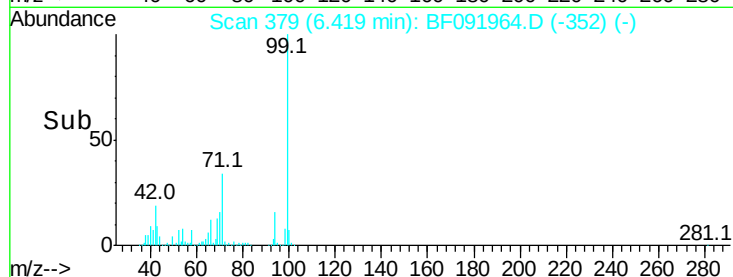
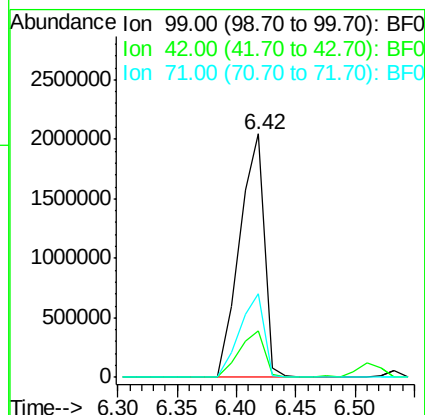
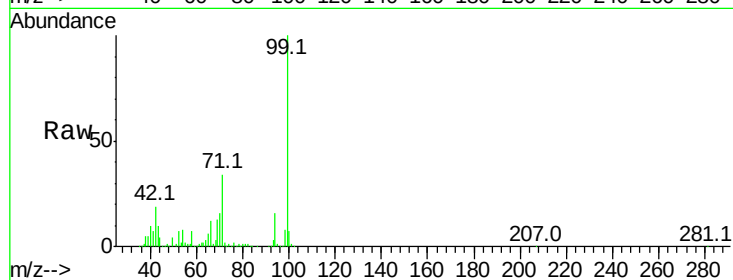
Tot Ion: 99 Resp: 2964217

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

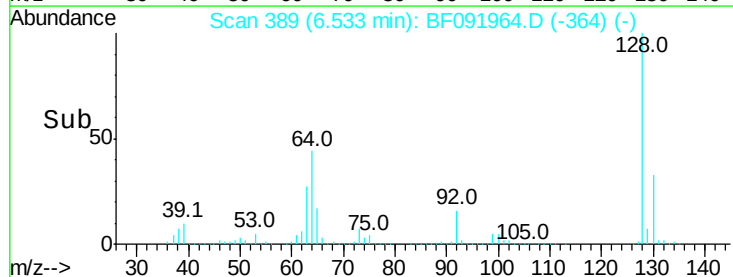
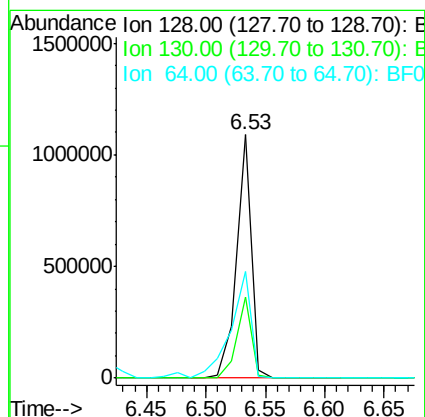
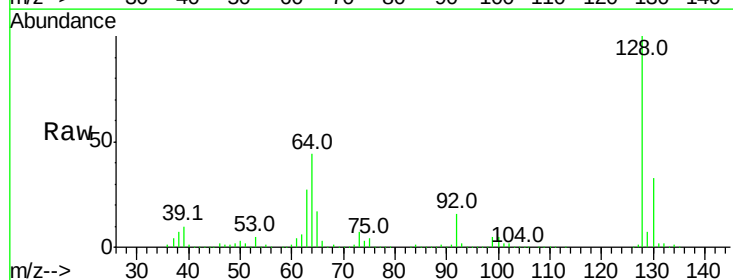
Tgt Ion:128 Resp: 941277

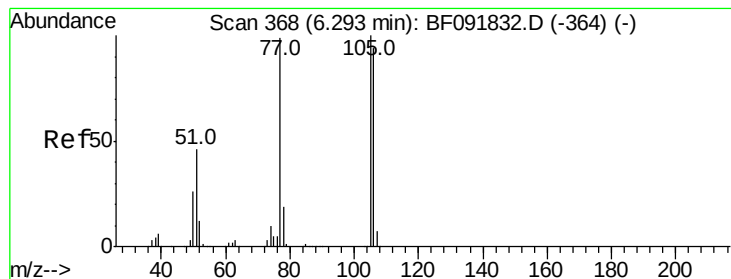
Ion Ratio Lower Upper

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 :

BNA_F

ClientSampleId :

PB95595BS

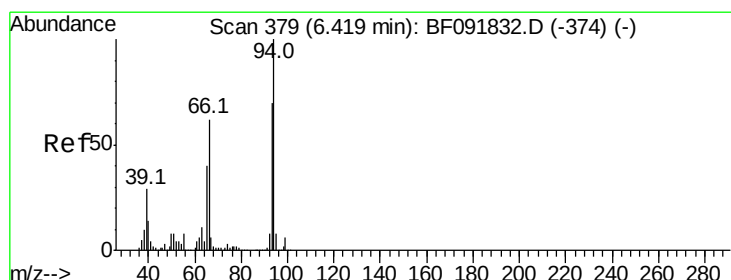
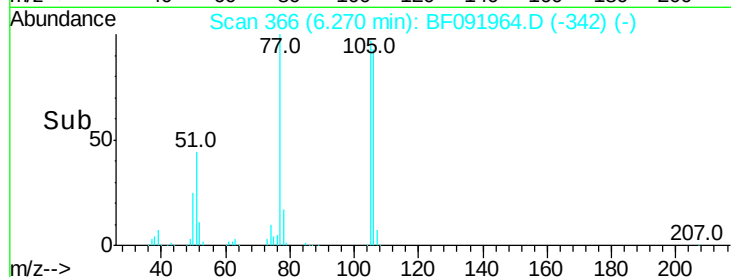
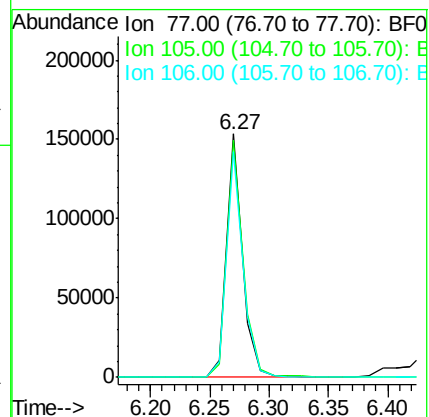
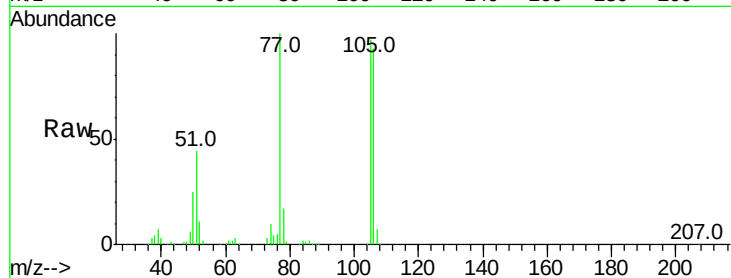
Tot Ion: 77 Resp: 141868

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

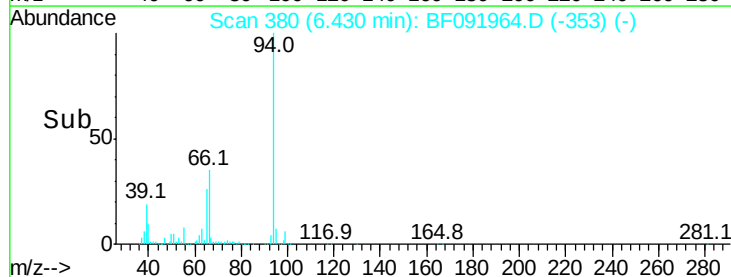
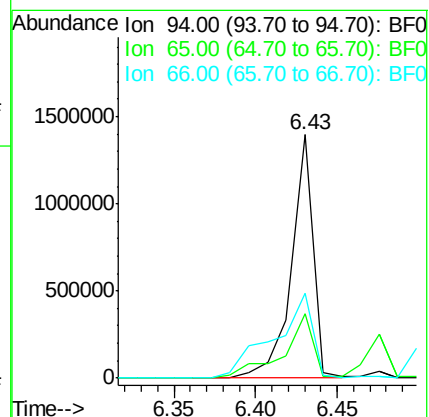
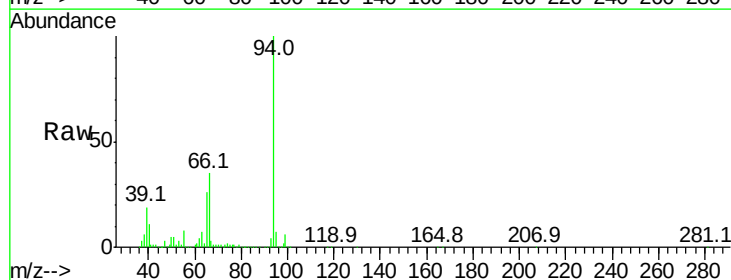
Tgt Ion: 94 Resp: 1300087

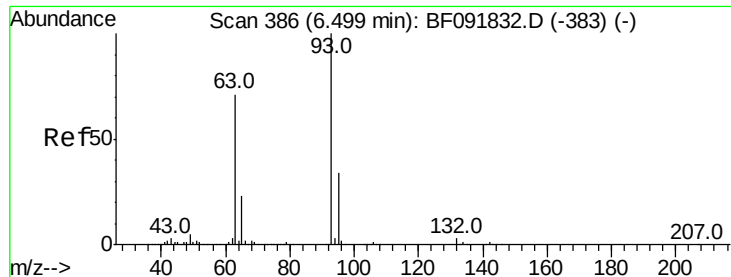
Ion Ratio Lower Upper

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

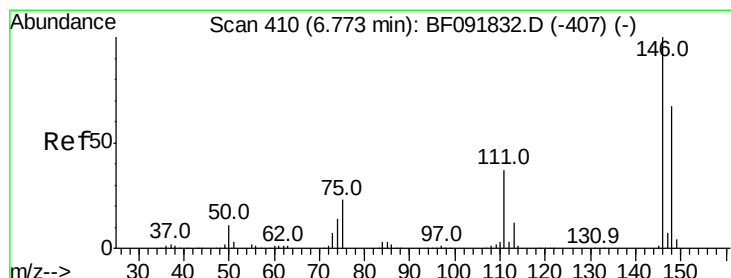
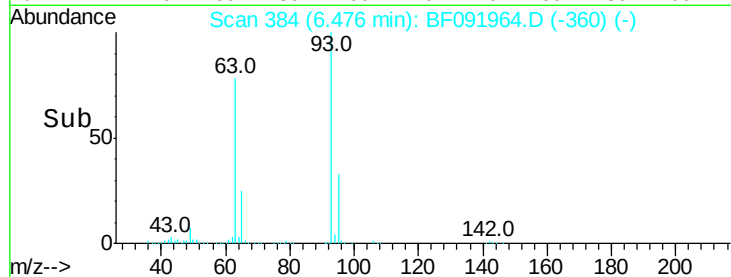
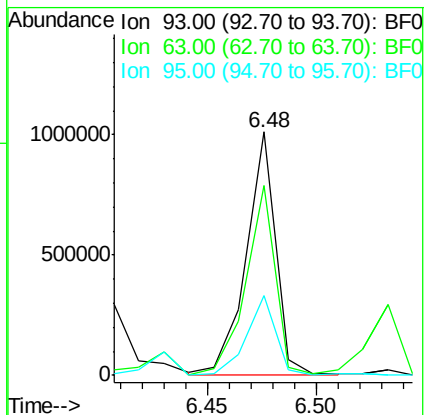
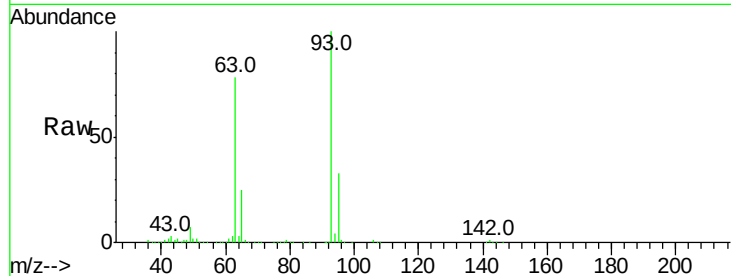
Tot Ion: 93 Resp: 957585

Ion Ratio Lower Upper

93 100

63 78.2 60.4 100.4

95 32.8 12.8 52.8



#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

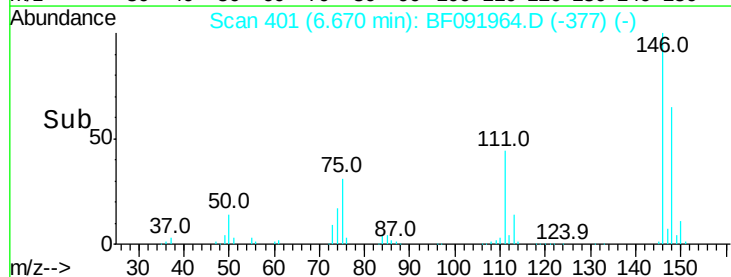
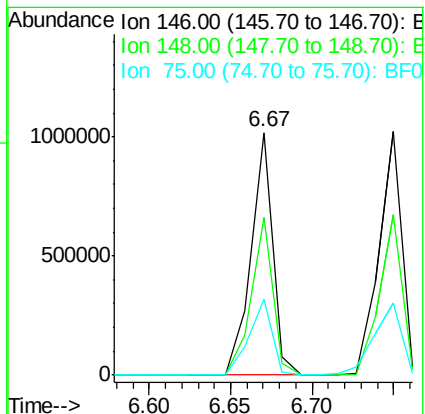
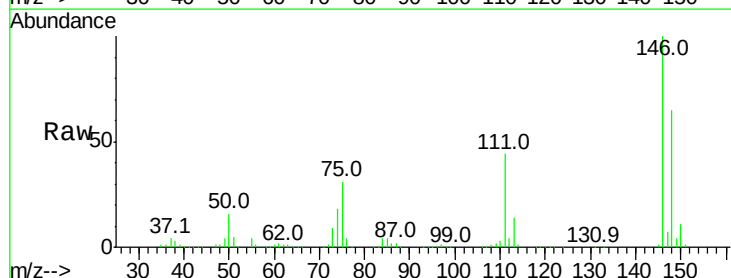
Tgt Ion: 146 Resp: 940684

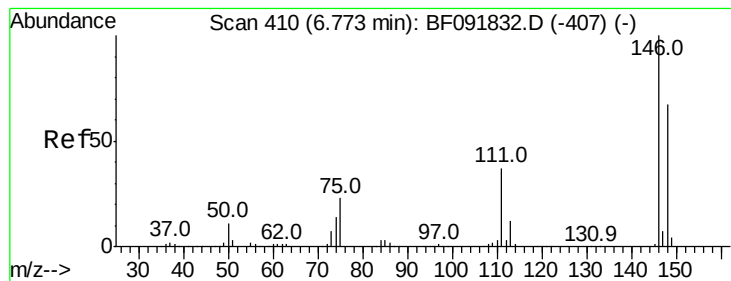
Ion Ratio Lower Upper

146 100

148 64.9 53.4 80.0

75 31.3 18.5 27.7#





#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

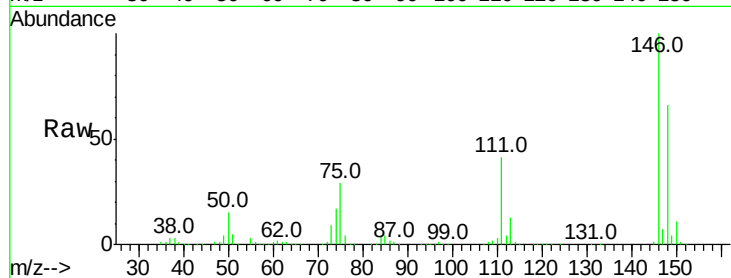
Tot Ion:146 Resp: 995548

Ion Ratio Lower Upper

146 100

148 65.6 50.6 76.0

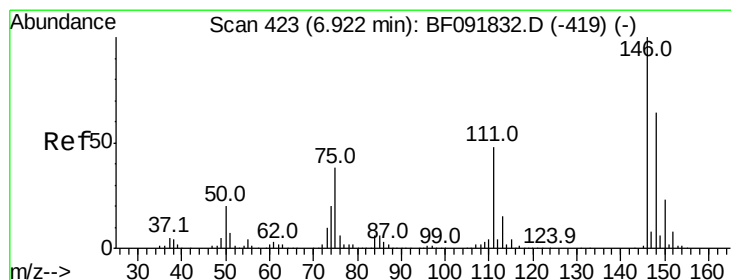
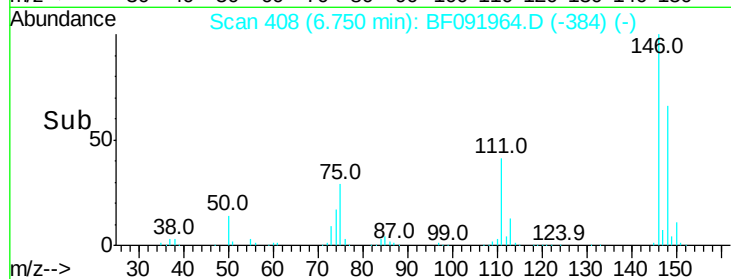
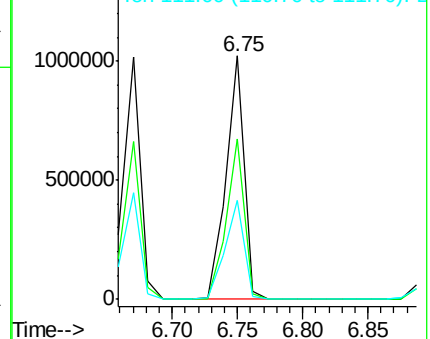
111 40.5 36.2 54.4



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

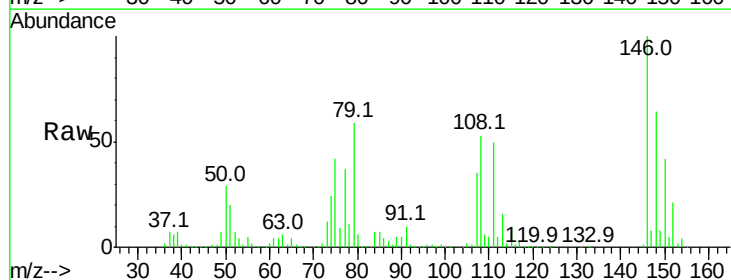
Tgt Ion:146 Resp: 754155

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

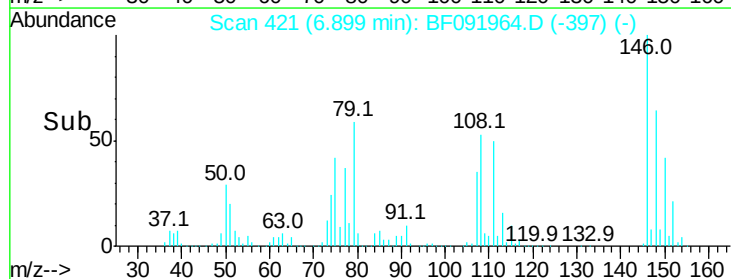
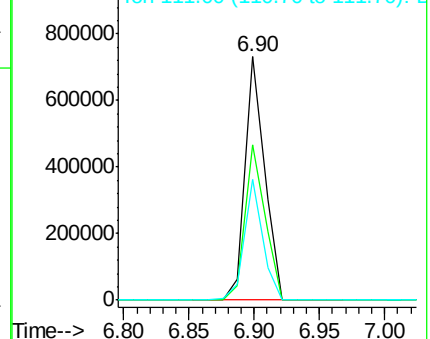
111 49.6 36.2 54.2

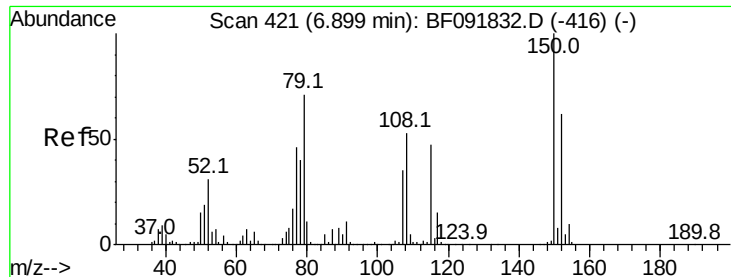


Abundance Ion 146.00 (145.70 to 146.70): E

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

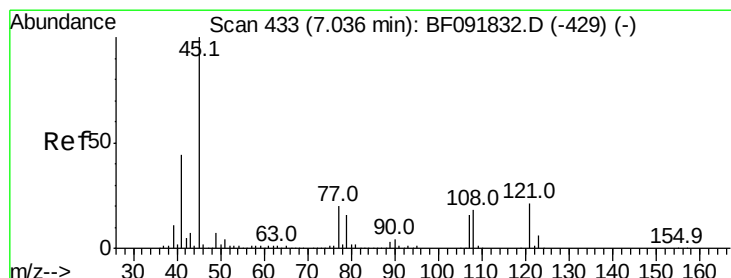
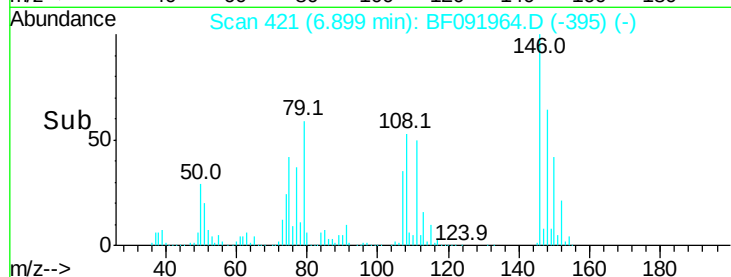
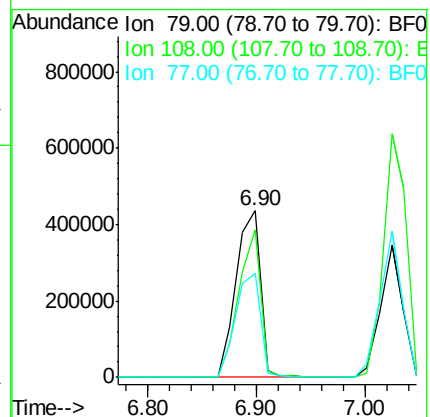
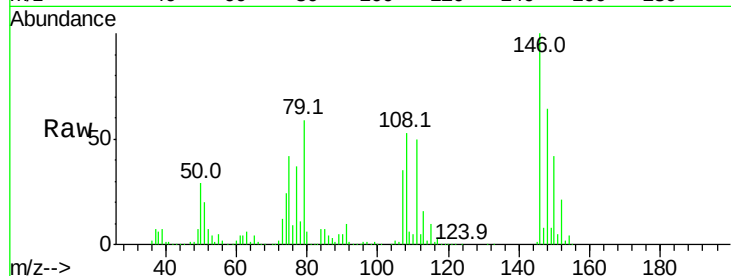
Tot Ion: 79 Resp: 672222

Ion Ratio Lower Upper

79 100

108 88.4 61.4 92.0

77 63.0 50.9 76.3



#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

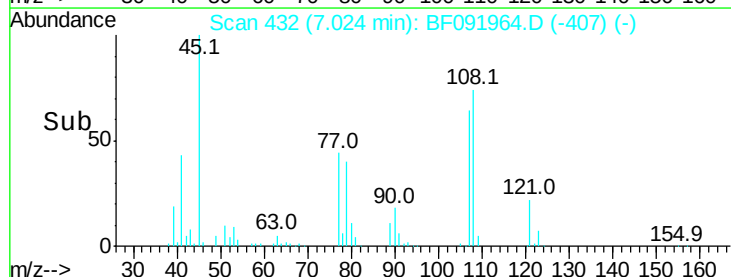
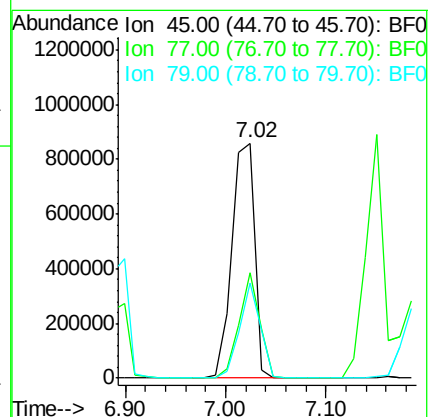
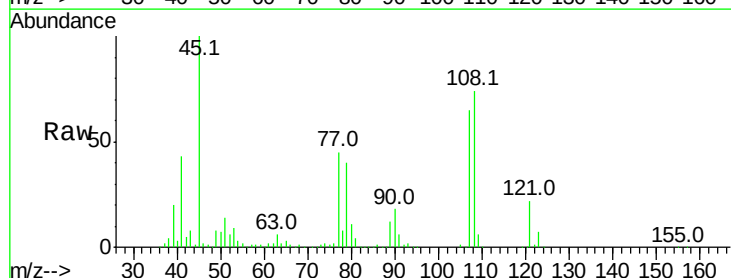
Tgt Ion: 45 Resp: 1344012

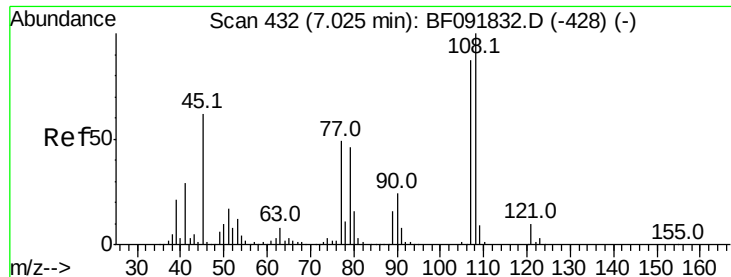
Ion Ratio Lower Upper

45 100

77 44.7 0.0 34.6#

79 40.4 0.0 31.2#





#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

Tot Ion:107 Resp: 808913

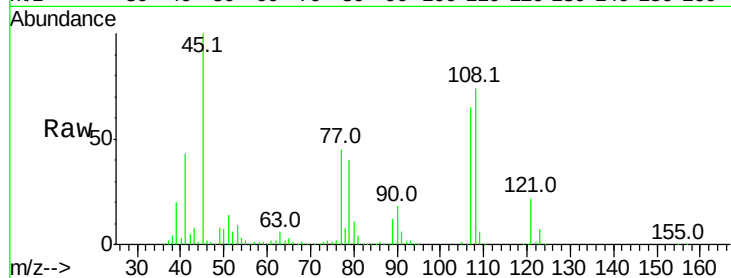
Ion Ratio Lower Upper

107 100

108 114.9 93.0 139.6

77 69.2 39.8 59.8#

79 62.6 38.0 57.0#

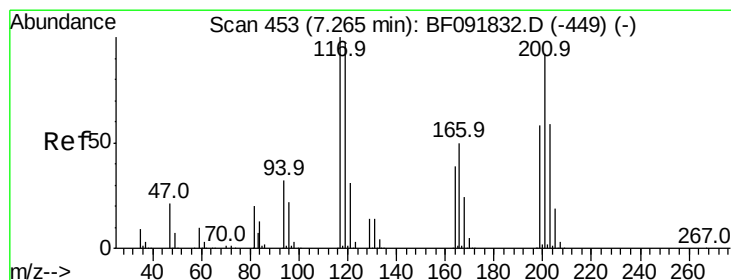
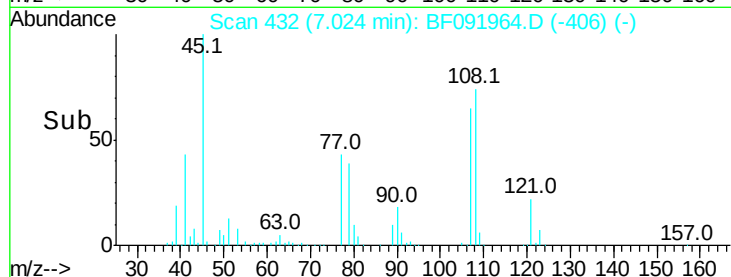
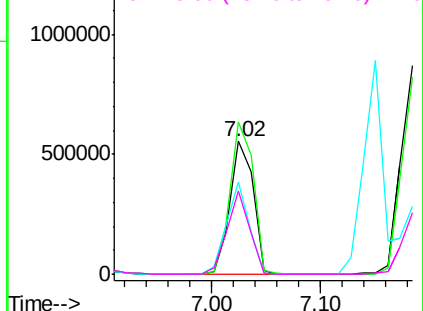


Abundance Ion 107.00 (106.70 to 107.70): E

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

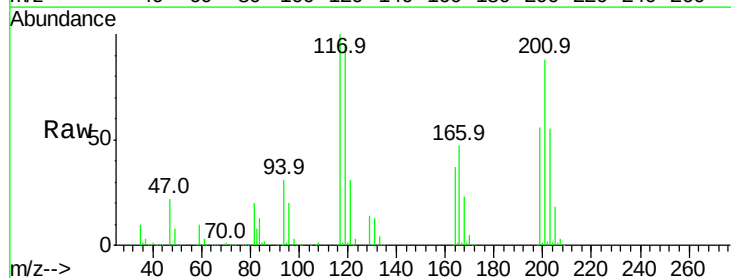
Tgt Ion:117 Resp: 375155

Ion Ratio Lower Upper

117 100

119 95.4 78.1 117.1

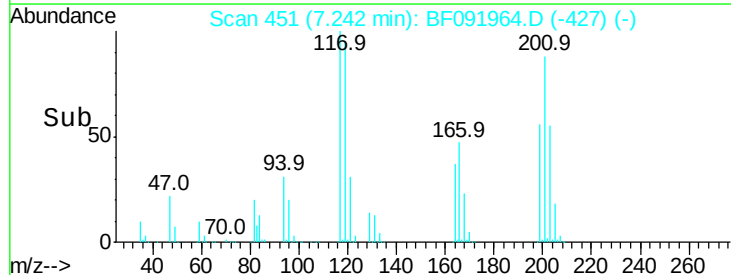
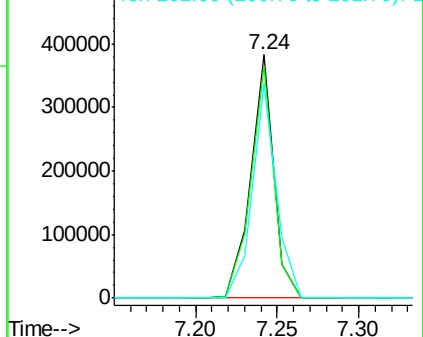
201 87.9 78.6 117.8

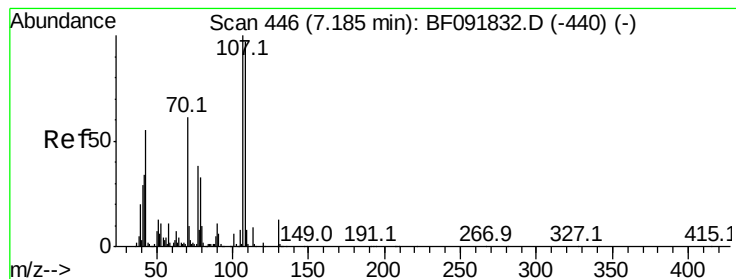


Abundance Ion 117.00 (116.70 to 117.70): E

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

Tot Ion: 70 Resp: 677282

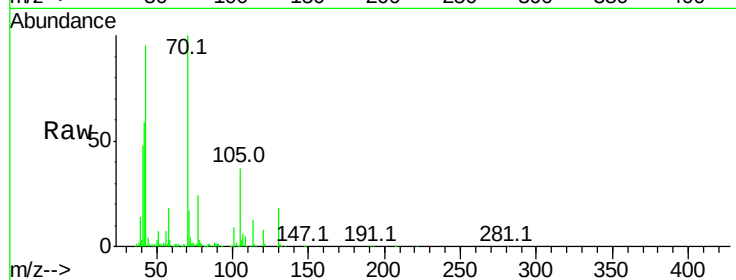
Ion Ratio Lower Upper

70 100

42 59.5 49.4 74.0

101 8.9 7.4 11.2

130 18.1 14.2 21.4

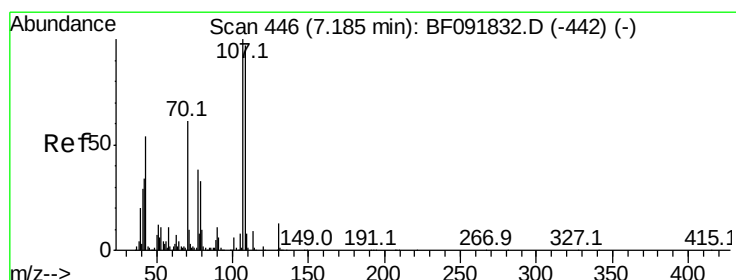
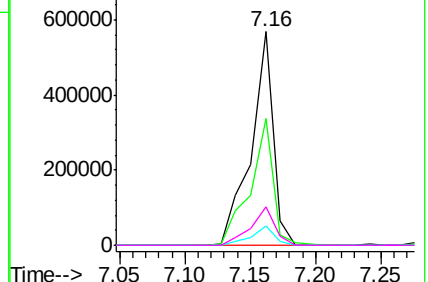
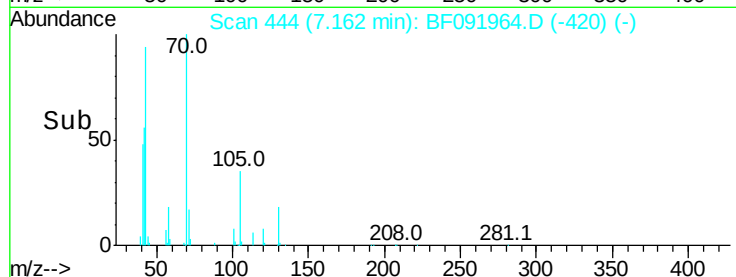


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 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

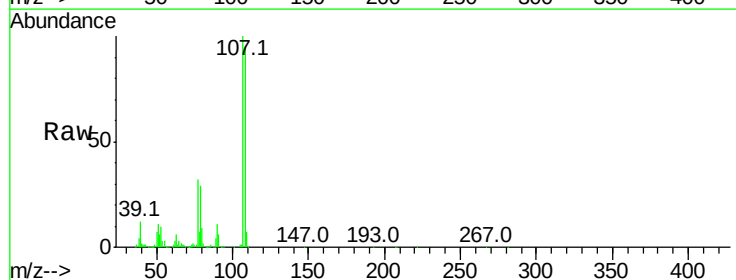
Ion Ratio Lower Upper

107 100

108 94.7 73.0 113.0

77 32.5 71.3 111.3#

79 29.2 11.1 51.1

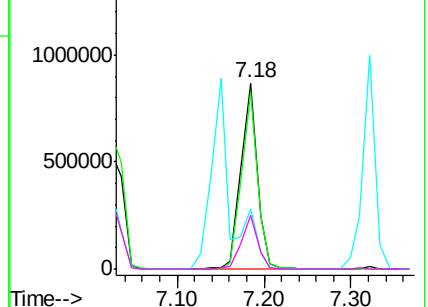
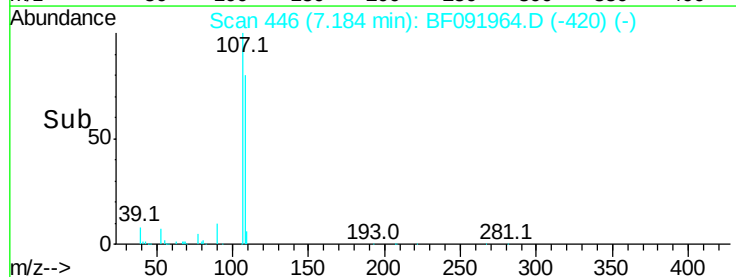


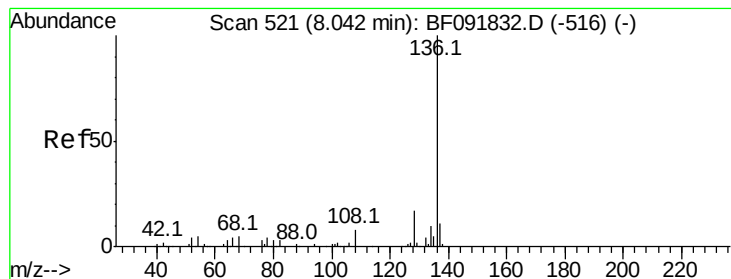
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :

BNA_F

ClientSampleId :

PB95595BS

Tot Ion:136 Resp: 1164146

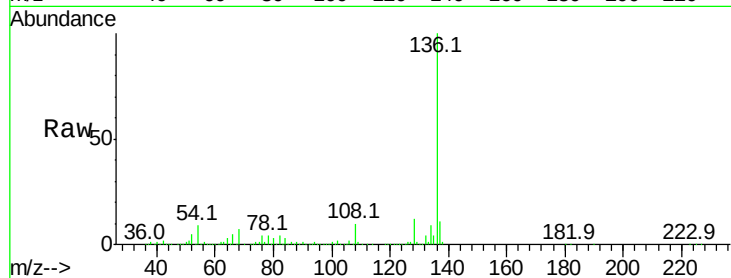
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 8.6 4.5 6.7#

68 6.8 3.6 5.4#

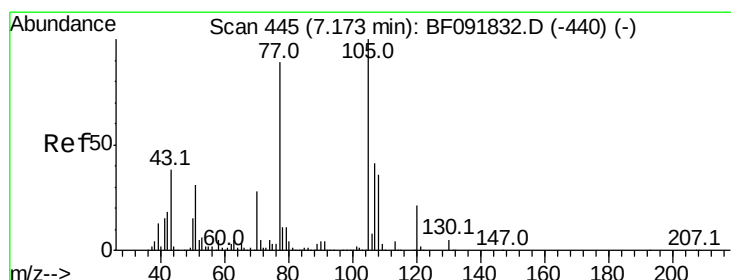
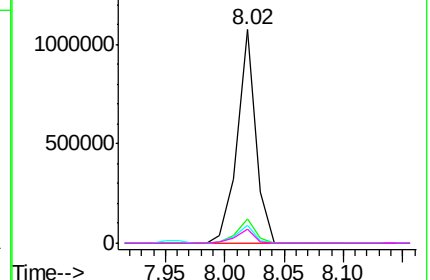
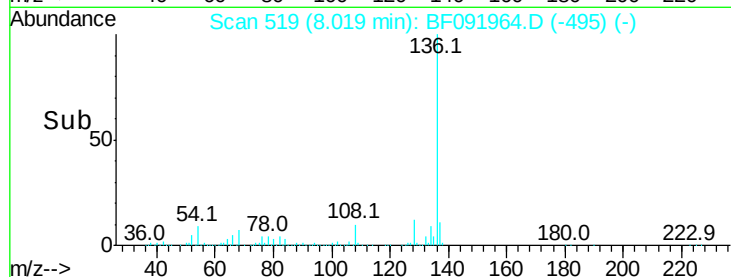


Abundance Ion 136.00 (135.70 to 136.70): E

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

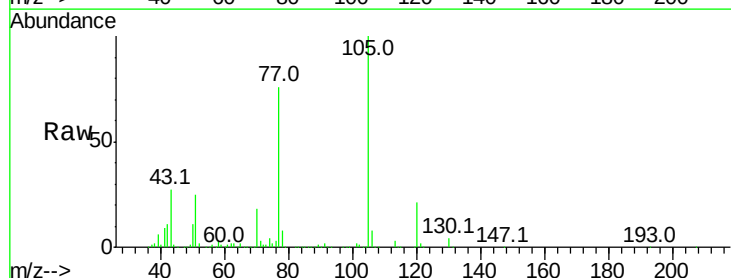
Ion Ratio Lower Upper

105 100

71 2.9 3.2 4.8#

51 25.1 26.2 39.4#

120 21.3 16.6 24.8

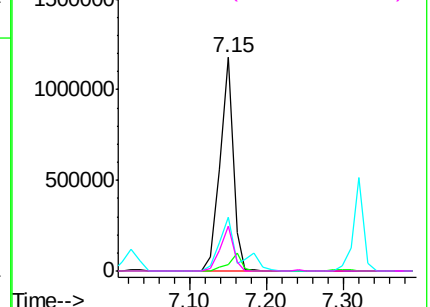
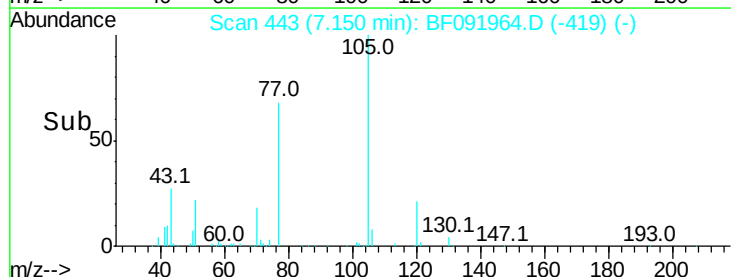


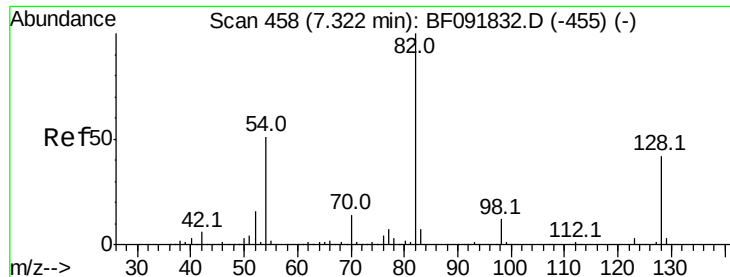
Abundance Ion 105.00 (104.70 to 105.70): E

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



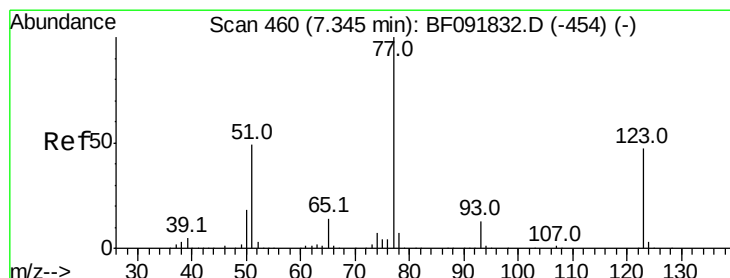
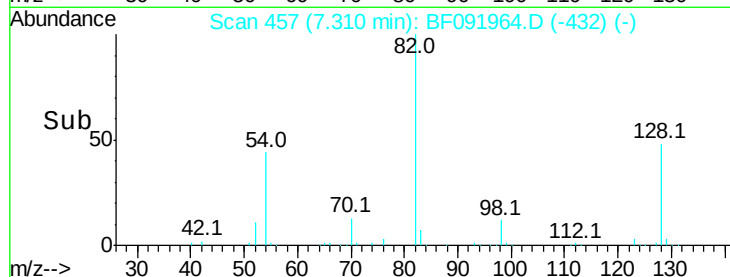
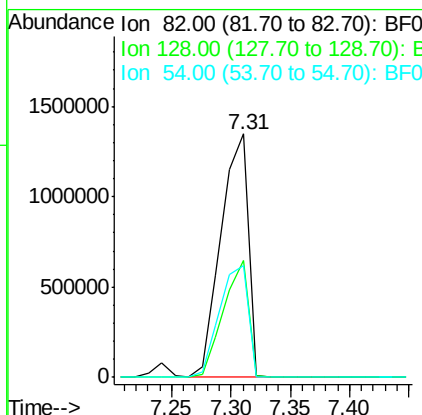
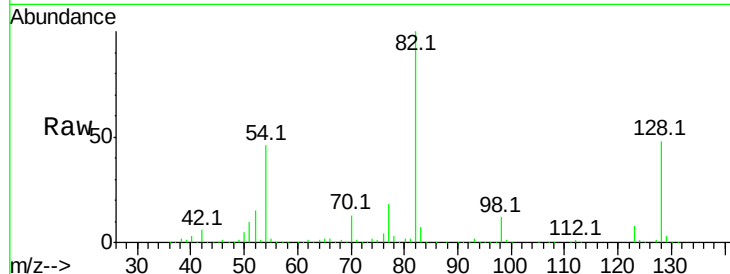


#23
 Nitrobenzene-d5
 Concen: 102.72 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

Instrument :
 BNA_F
 ClientSampleID :
 PB95595BS

Tot Ion: 82 Resp: 2150511

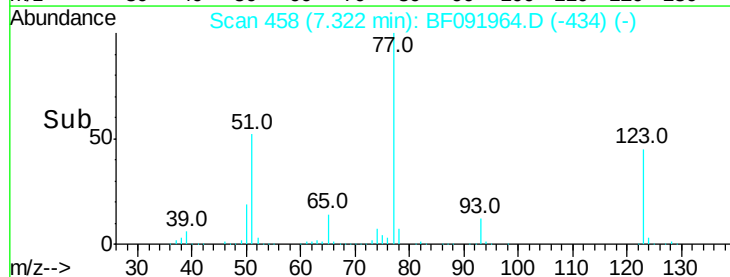
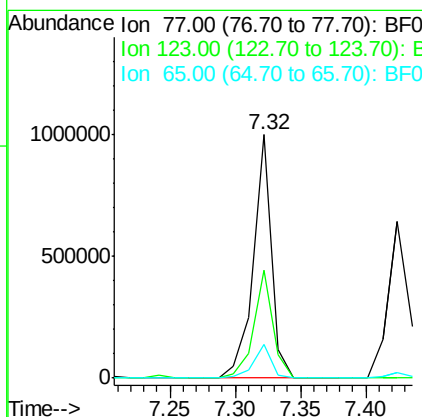
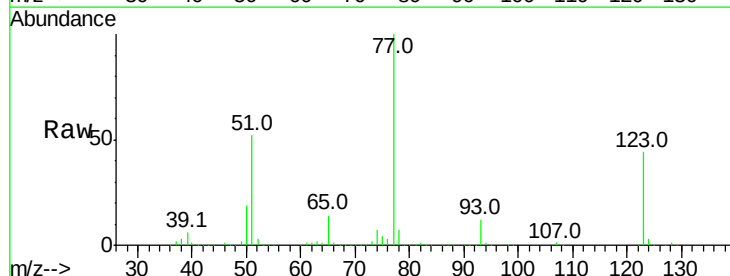
Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.6	52.0
54	46.1	39.5	59.3

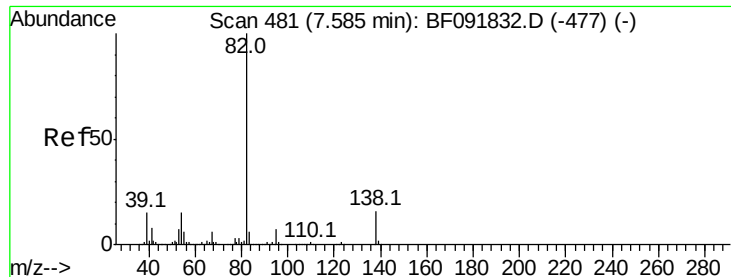


#24
 Nitrobenzene
 Concen: 43.40 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

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

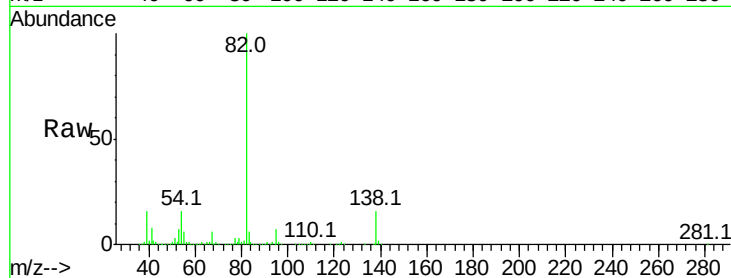
Tot Ion: 82 Resp: 1843168

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

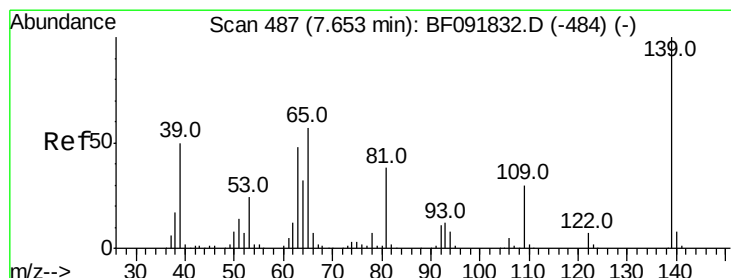
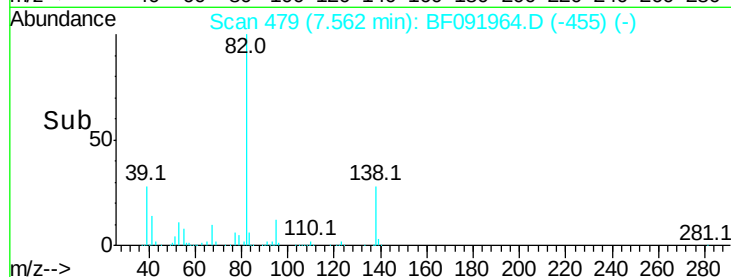
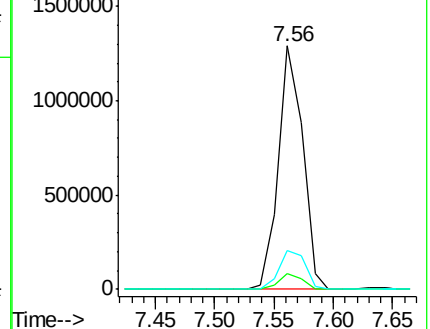
138 15.7 14.6 22.0



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

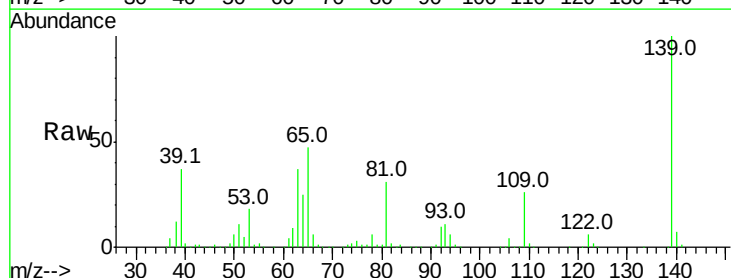
Tgt Ion: 139 Resp: 558157

Ion Ratio Lower Upper

139 100

109 26.1 23.3 34.9

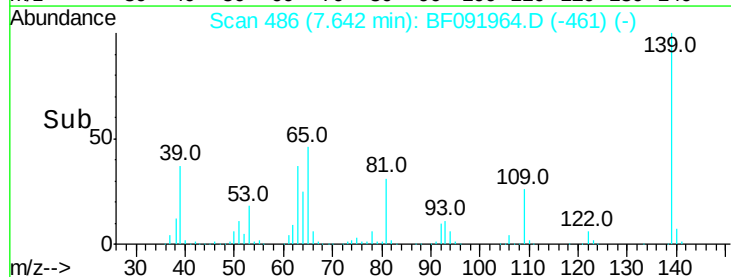
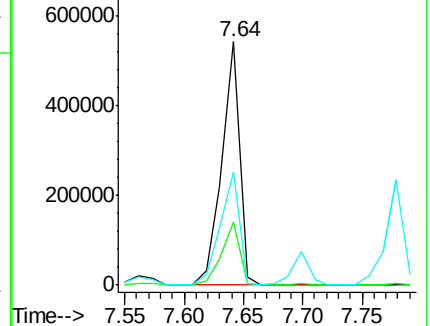
65 46.5 42.7 64.1

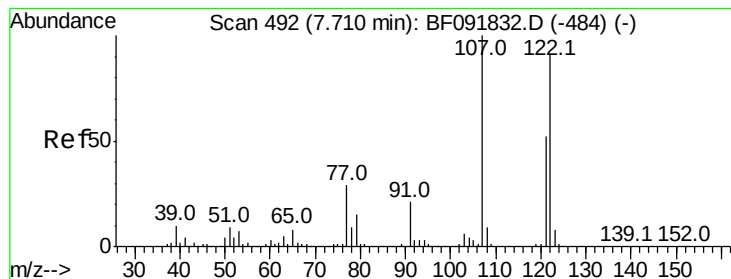


Abundance Ion 139.00 (138.70 to 139.70): E

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

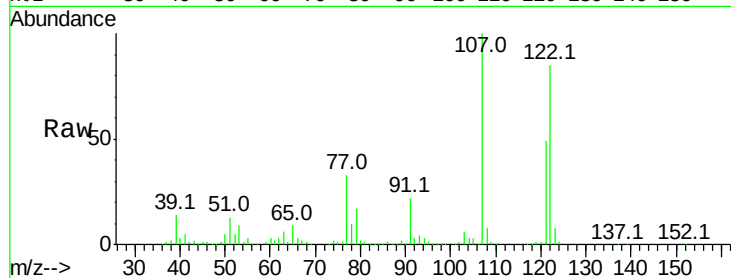
Tot Ion:122 Resp: 780466

Ion Ratio Lower Upper

122 100

107 117.0 94.1 141.1

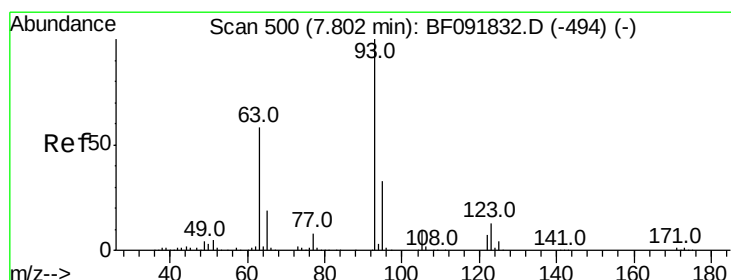
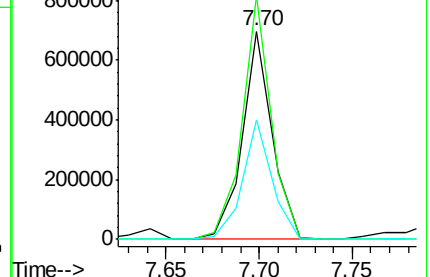
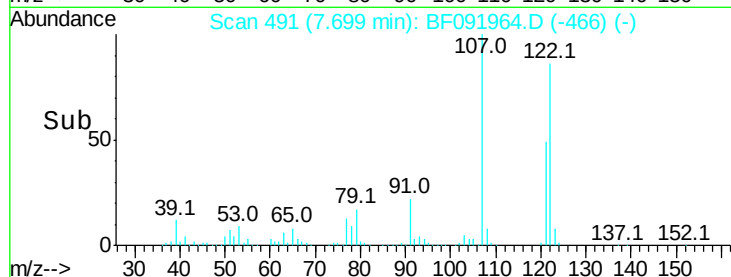
121 57.1 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 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

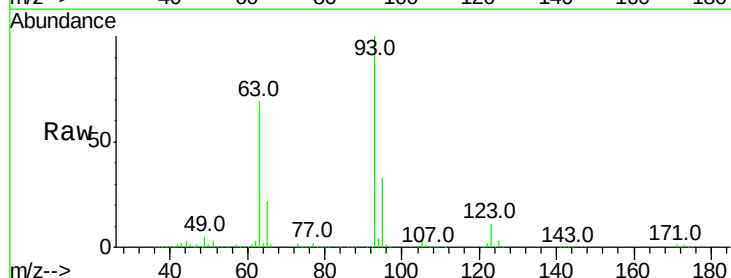
Tgt Ion: 93 Resp: 1122738

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

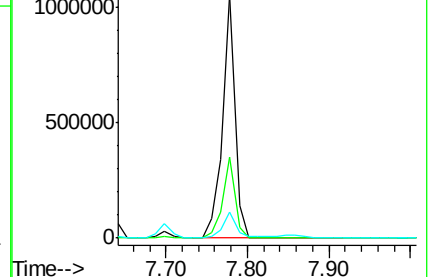
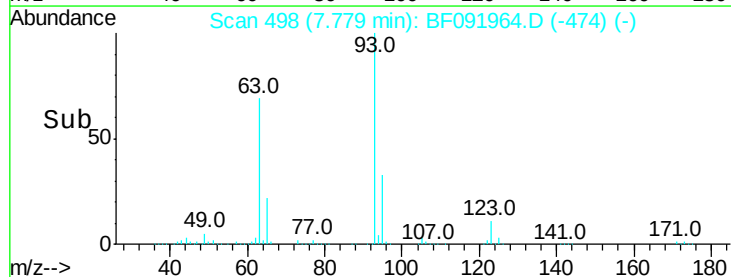
123 10.6 8.6 13.0

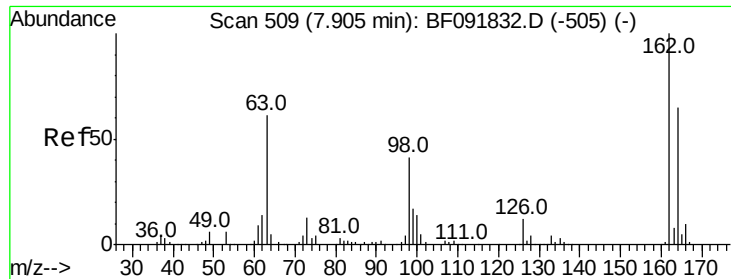


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

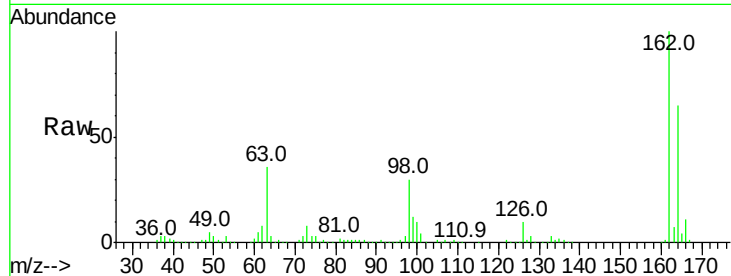




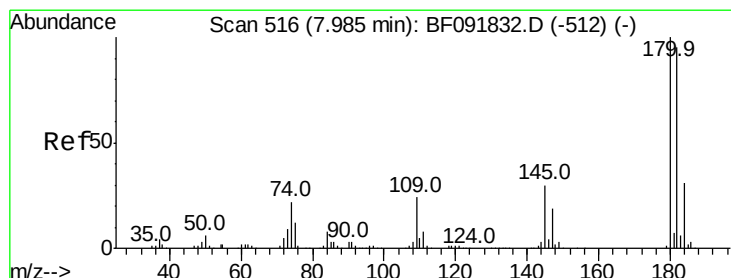
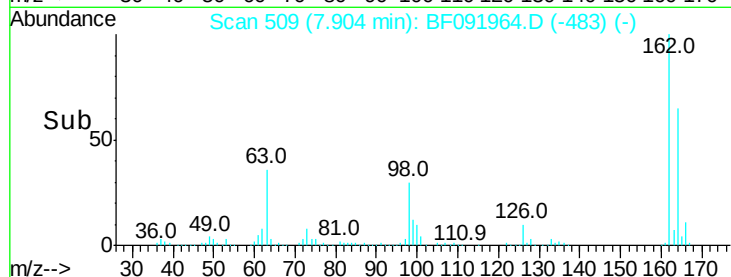
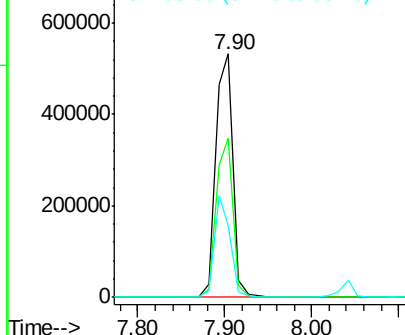
#29
 2,4-Dichlorophenol
 Concen: 47.99 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

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

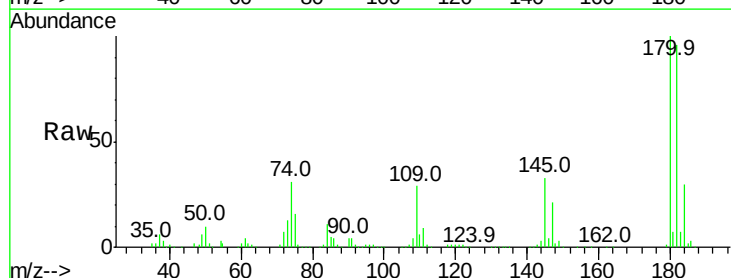


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

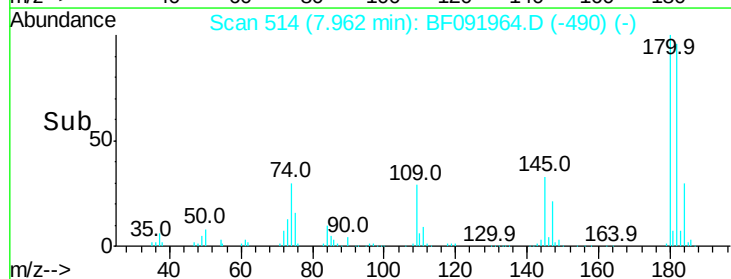
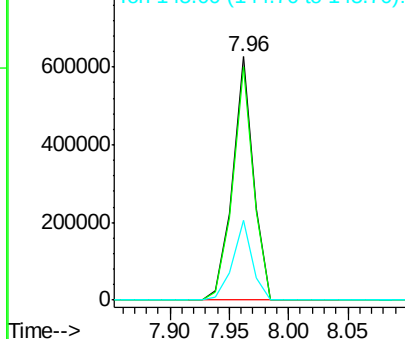


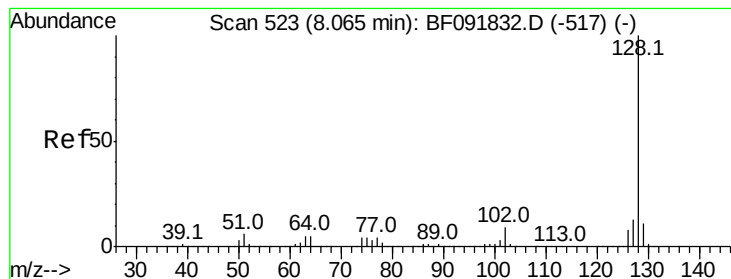
#30
 1,2,4-Trichlorobenzene
 Concen: 45.00 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.02 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

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

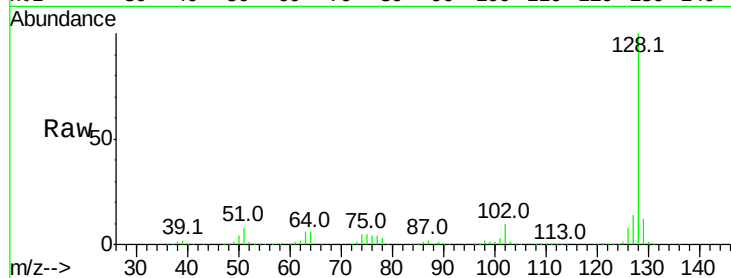
Tot Ion:128 Resp: 2447065

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

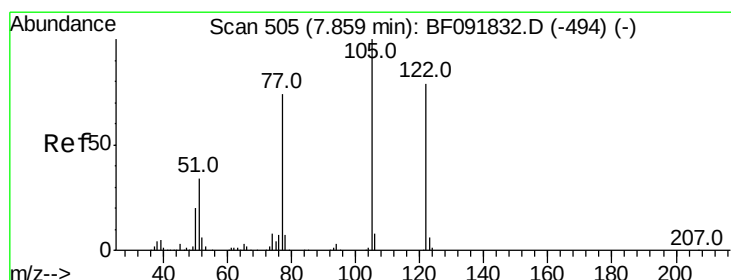
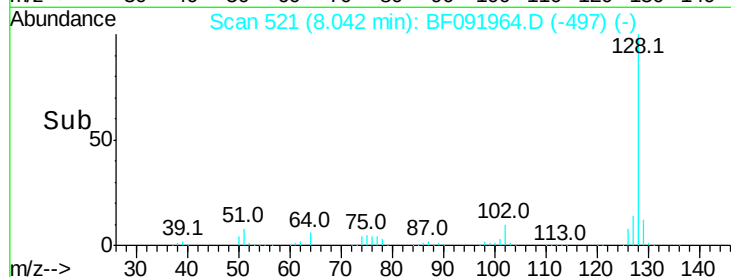
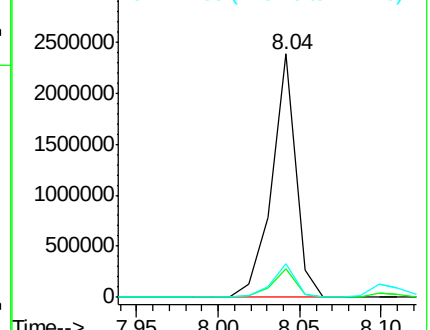
127 13.7 10.8 16.2



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

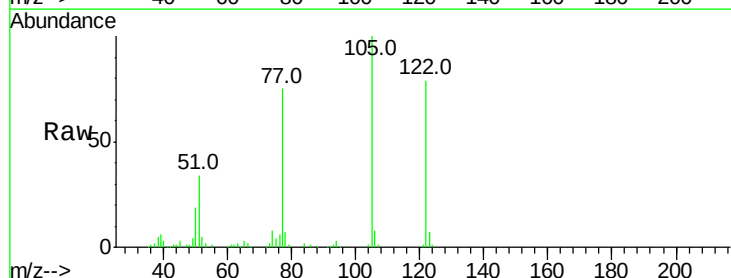
Tgt Ion:122 Resp: 592537

Ion Ratio Lower Upper

122 100

105 126.0 107.2 147.2

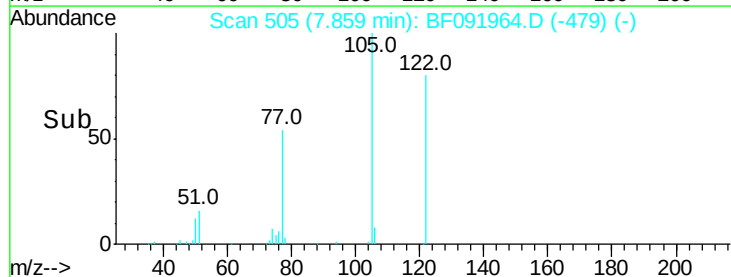
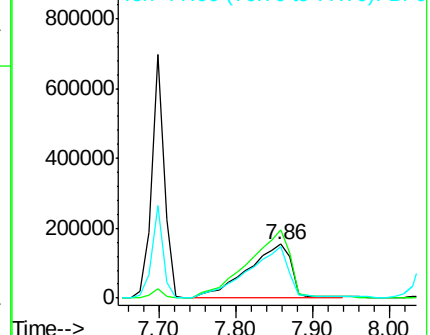
77 94.8 74.5 114.5

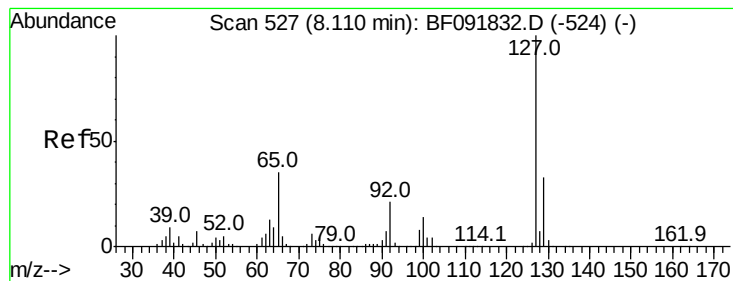


Abundance Ion 122.00 (121.70 to 122.70): E

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

Tot Ion:127 Resp: 230220

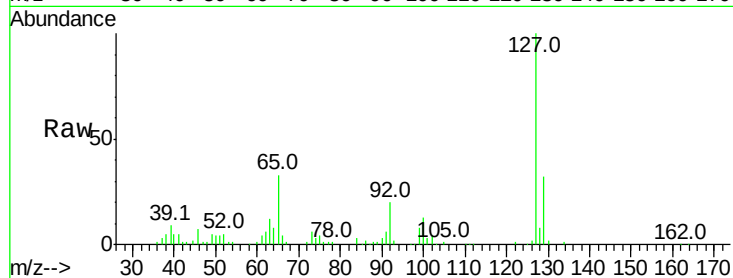
Ion Ratio Lower Upper

127 100

129 31.9 26.3 39.5

65 32.9 25.8 38.8

92 20.0 16.1 24.1

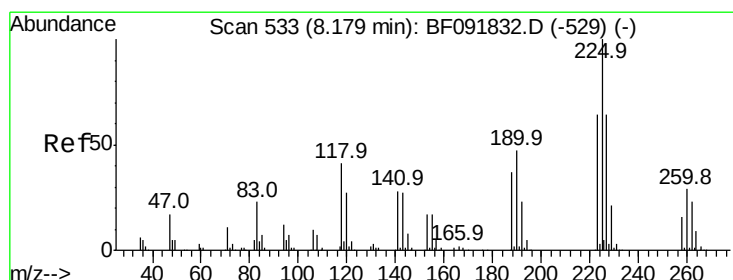
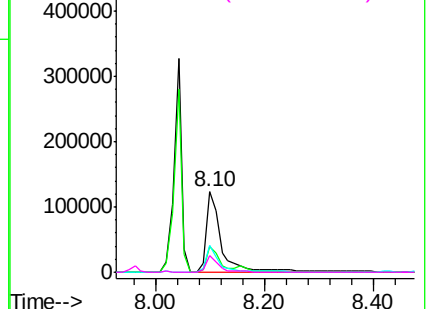
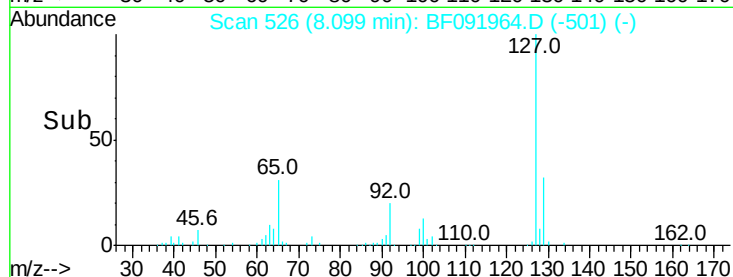


Abundance Ion 127.00 (126.70 to 127.70): E

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

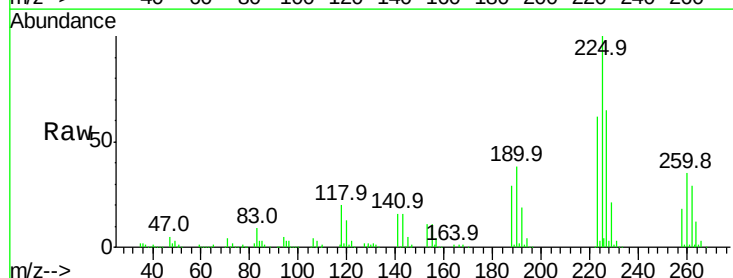
Tgt Ion:225 Resp: 420679

Ion Ratio Lower Upper

225 100

223 62.0 51.0 76.6

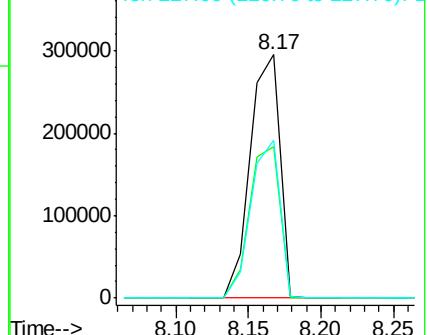
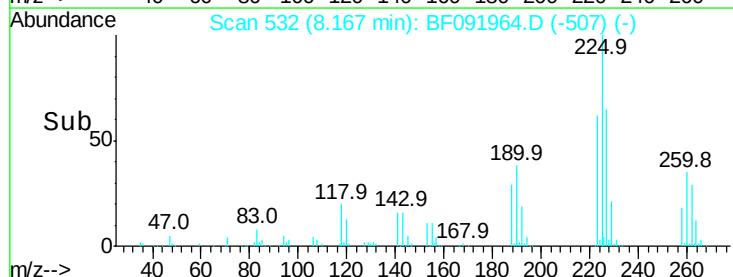
227 64.7 50.6 76.0

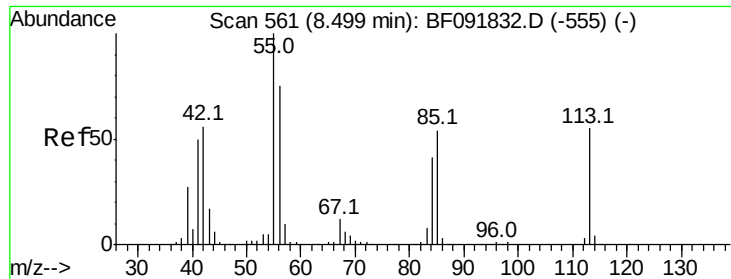


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 52.71 ng/mL

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

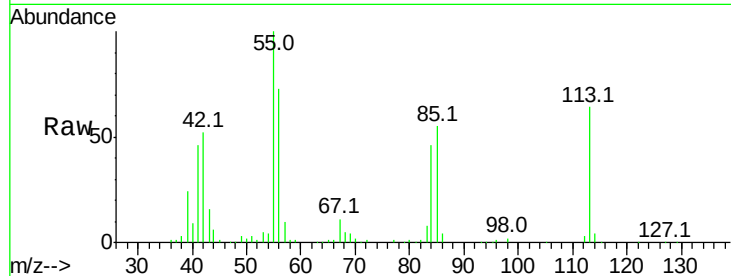
Tot Ion:113 Resp: 267499

Ion Ratio Lower Upper

113 100

55 156.1 119.2 159.2

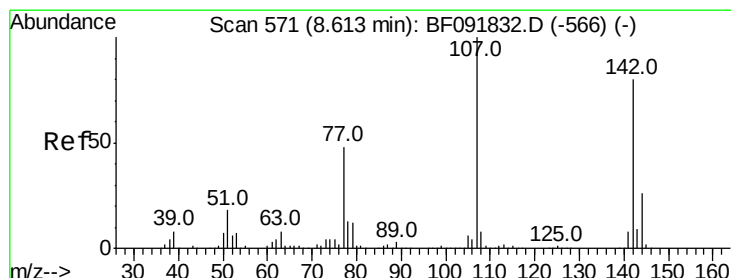
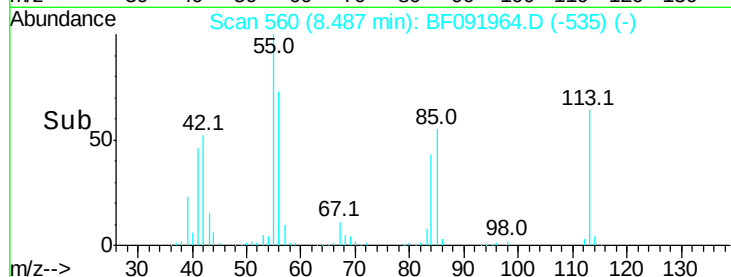
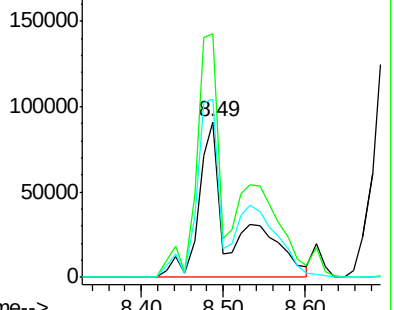
56 114.6 83.8 123.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.91 ng/mL

RT: 8.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

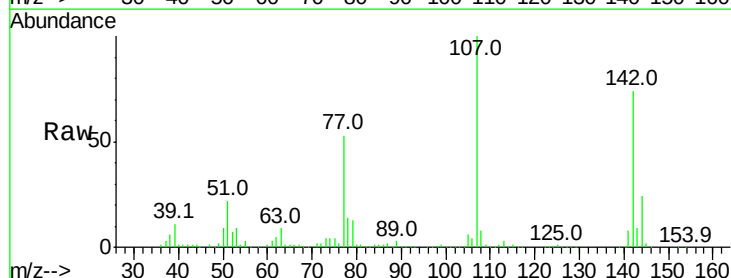
Tgt Ion:107 Resp: 744862

Ion Ratio Lower Upper

107 100

144 23.7 19.3 28.9

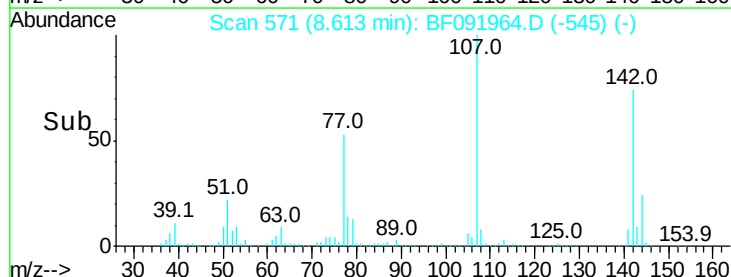
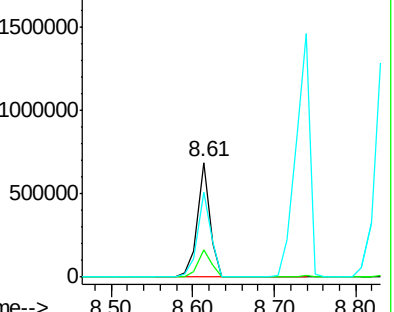
142 74.3 59.0 88.6

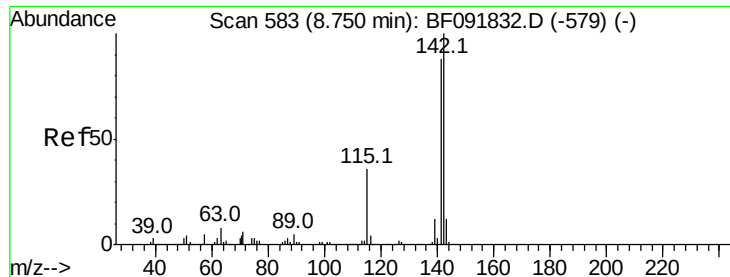


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 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

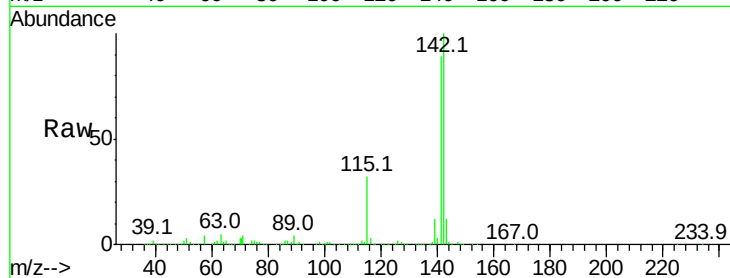
Tot Ion:142 Resp: 1765976

Ion Ratio Lower Upper

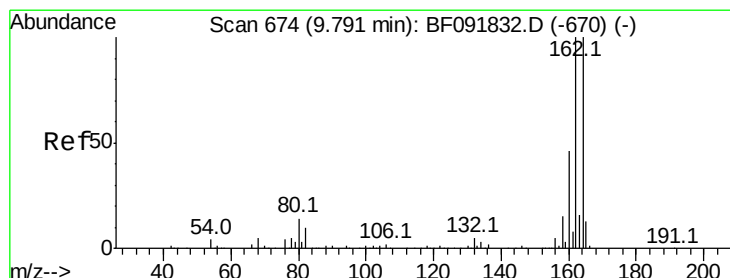
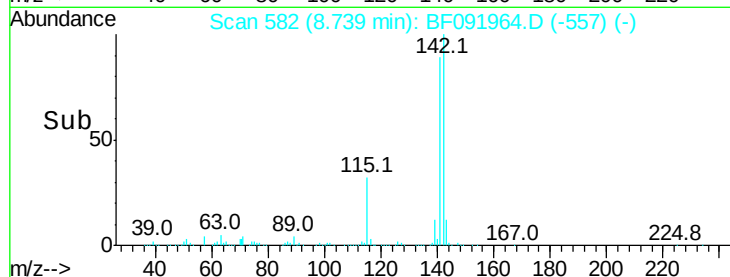
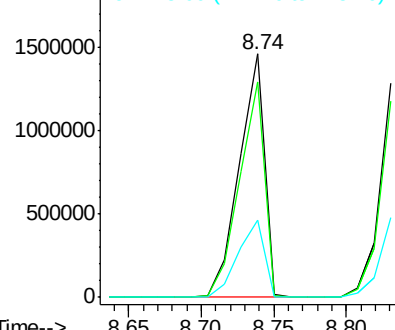
142 100

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

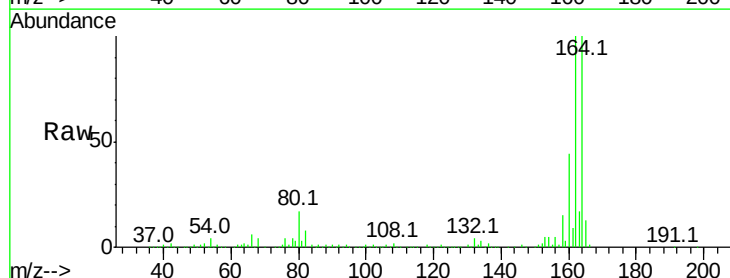
Tgt Ion:164 Resp: 716633

Ion Ratio Lower Upper

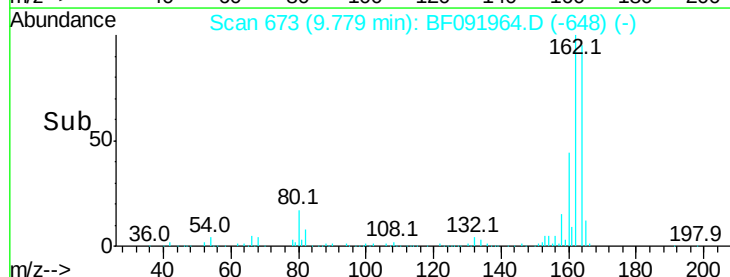
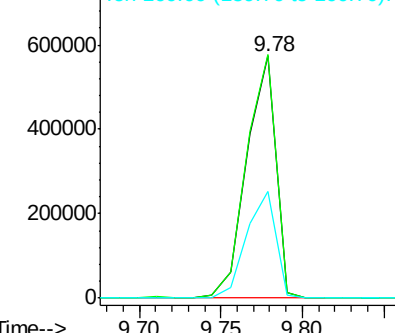
164 100

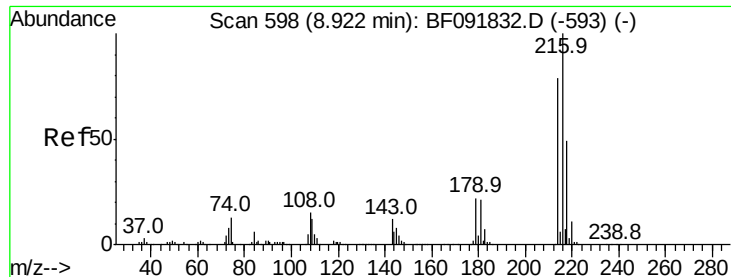
162 100.5 80.2 120.2

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

Tot Ion:216 Resp: 678200

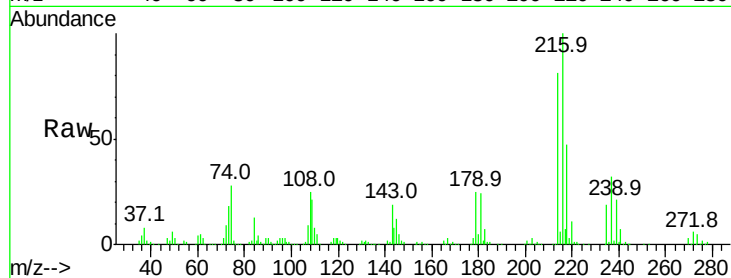
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.0

179 21.9 17.4 26.2

108 22.0 15.6 23.4

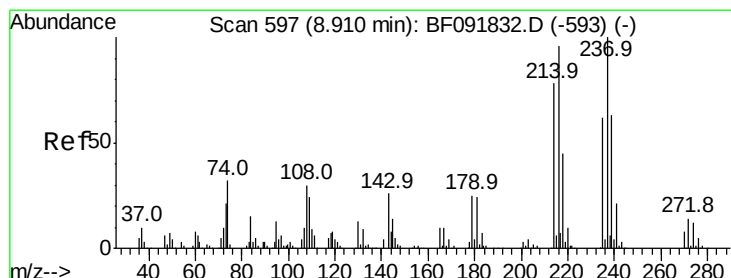
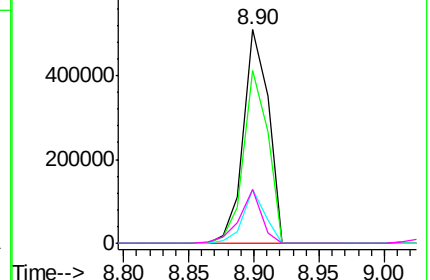
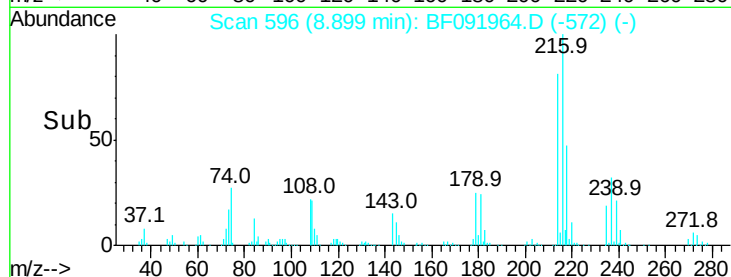


Abundance Ion 216.00 (215.70 to 216.70): E

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

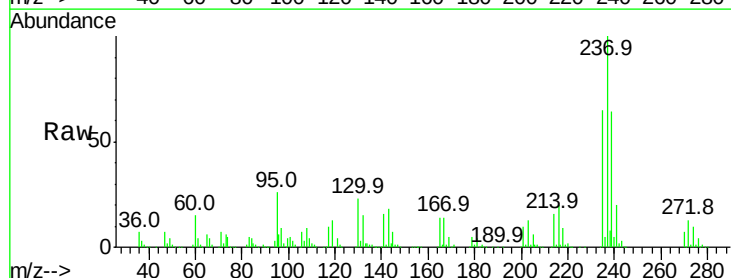
Tgt Ion:237 Resp: 614197

Ion Ratio Lower Upper

237 100

235 65.1 41.2 81.2

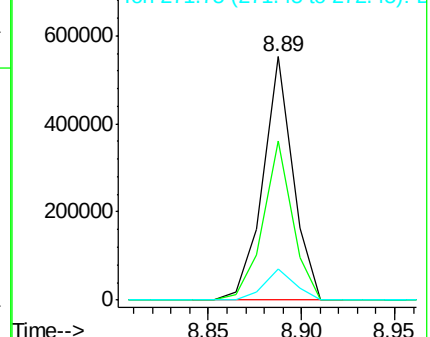
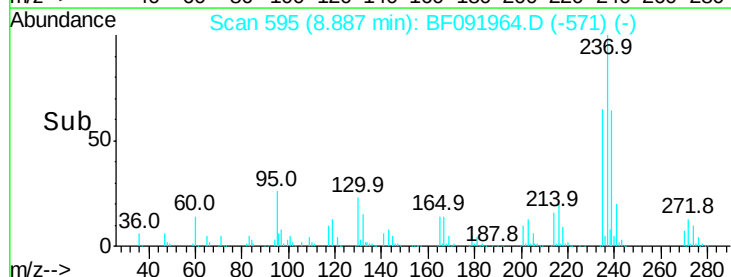
272 12.8 0.0 35.4

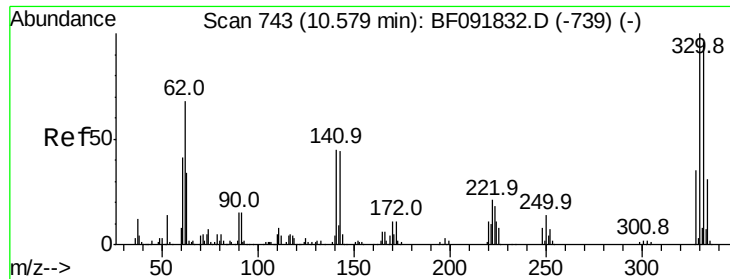


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

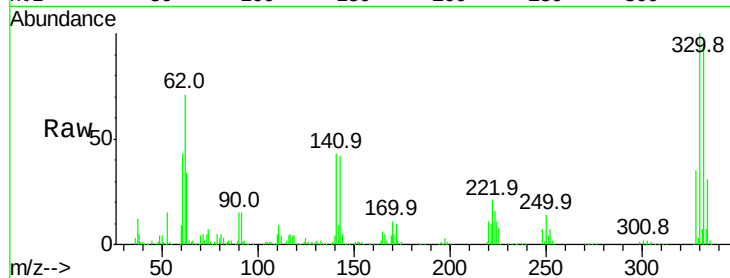




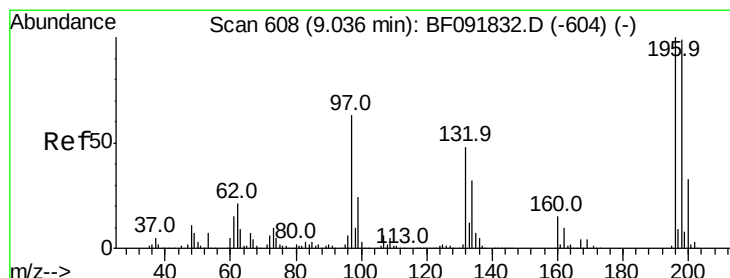
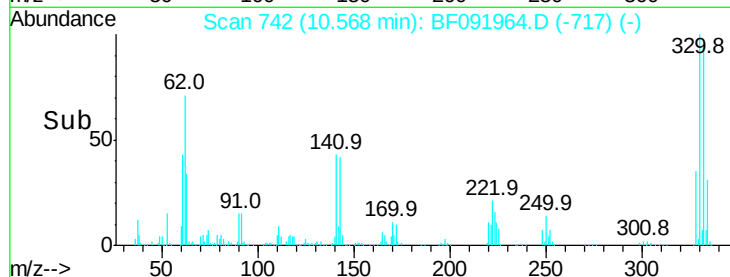
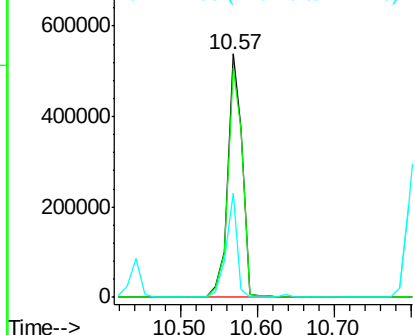
#41
 2,4,6-Tribromophenol
 Concen: 122.59 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

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

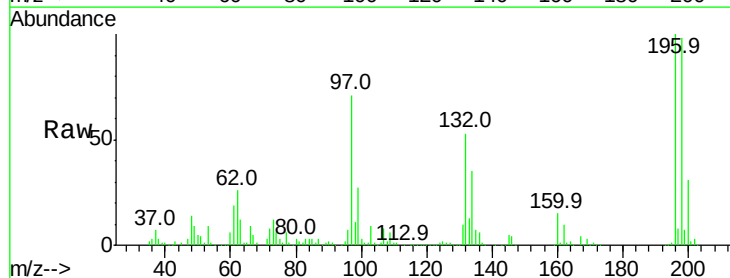


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

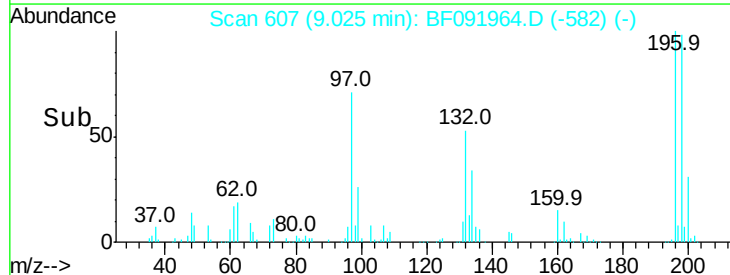
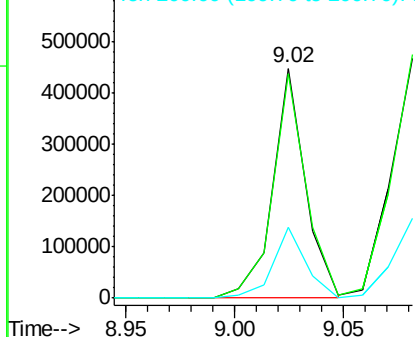


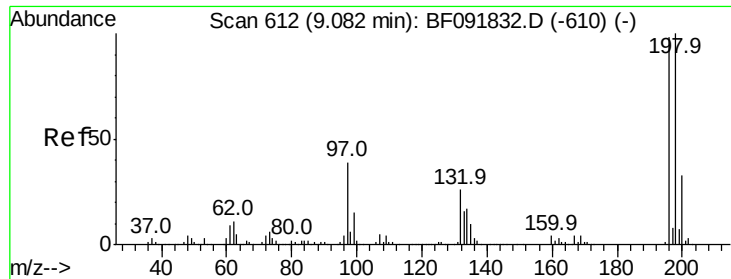
#42
 2,4,6-Trichlorophenol
 Concen: 37.56 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

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



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

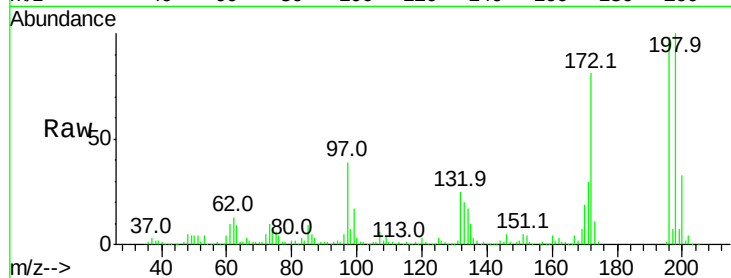




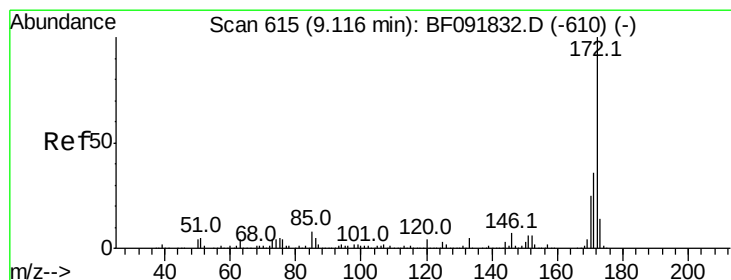
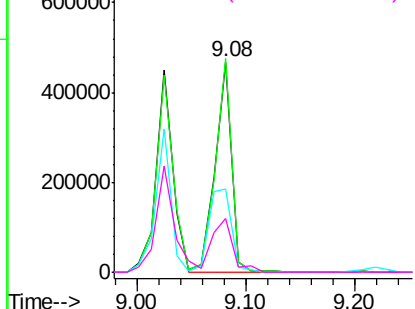
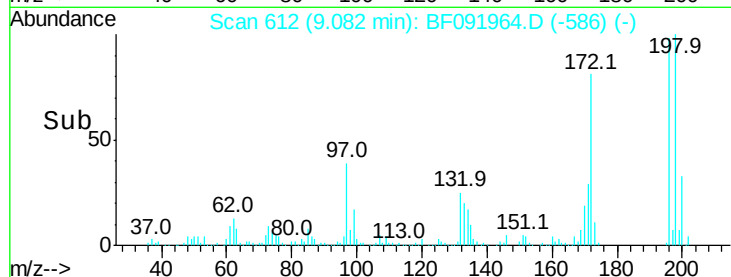
#43
 2,4,5-Trichlorophenol
 Concen: 38.24 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Tot 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#

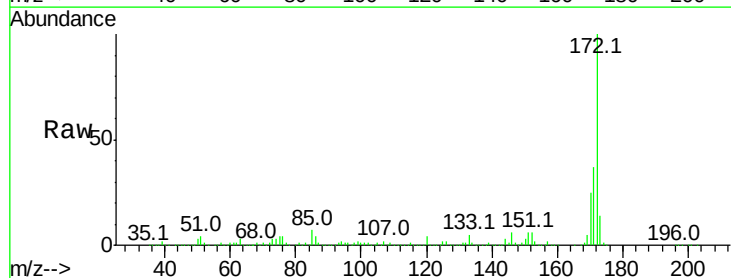


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

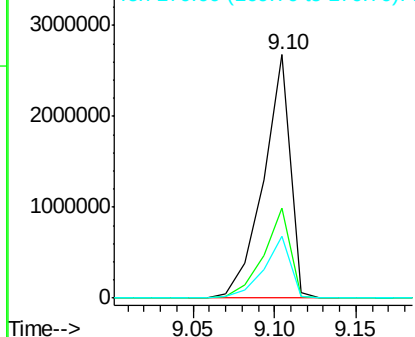
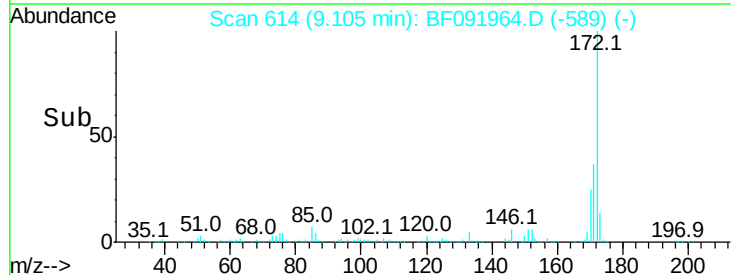


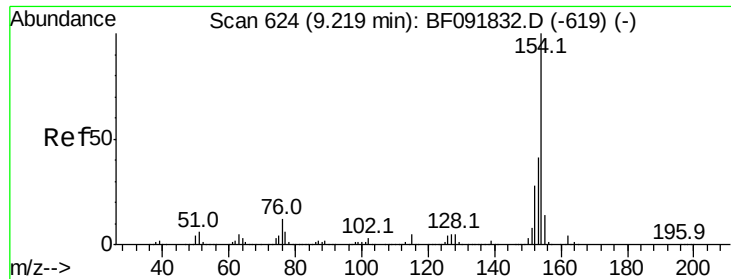
#44
 2-Fluorobiphenyl
 Concen: 88.39 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

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

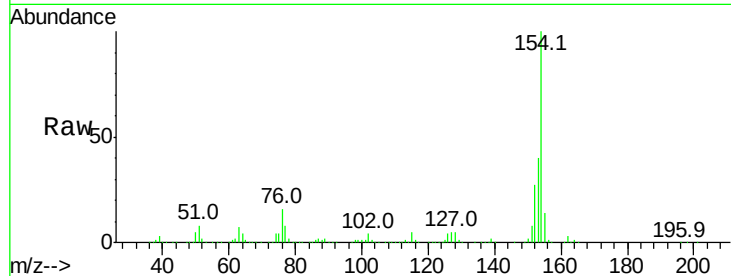
Tot Ion:154 Resp: 2089218

Ion Ratio Lower Upper

154 100

153 40.1 20.9 60.9

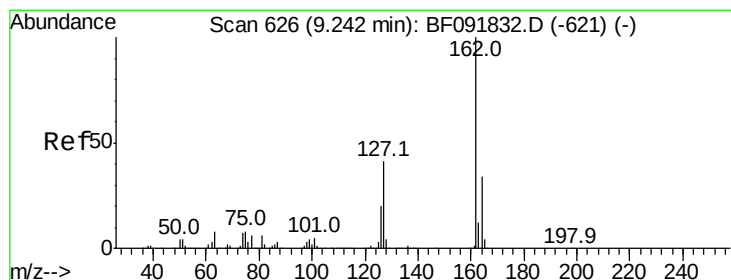
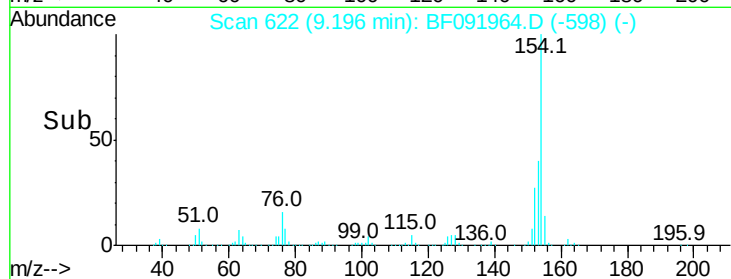
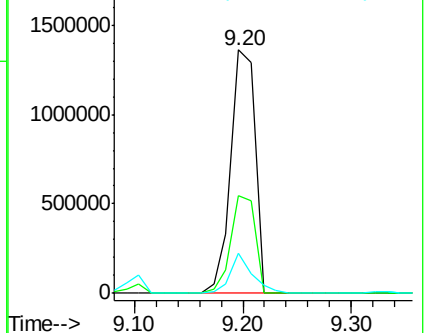
76 16.4 0.0 30.5



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

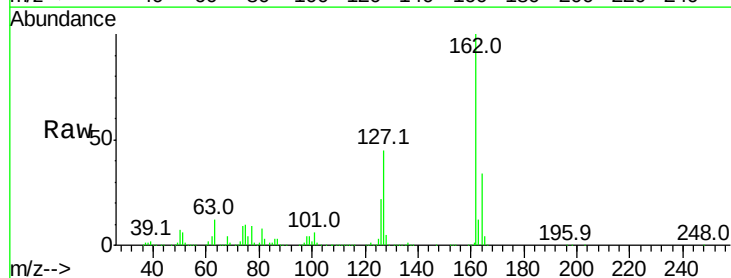
Tgt Ion:162 Resp: 1563500

Ion Ratio Lower Upper

162 100

127 44.6 30.7 46.1

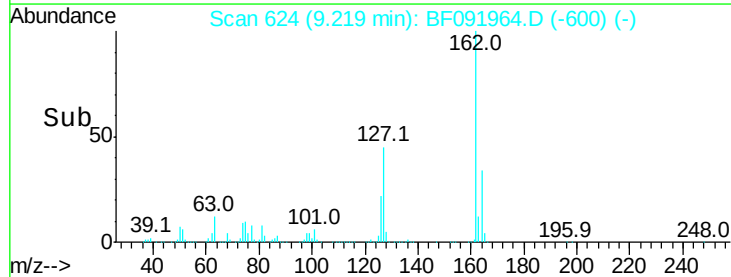
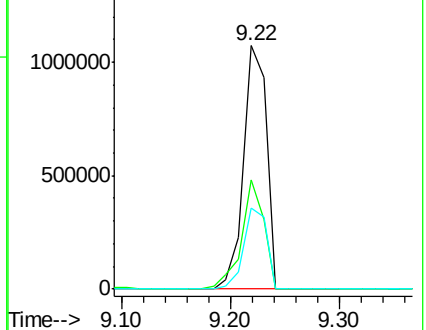
164 33.6 27.6 41.4

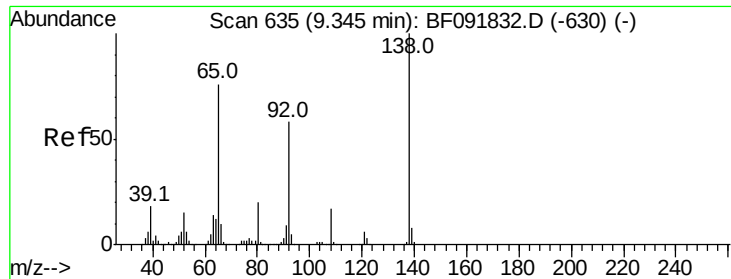


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

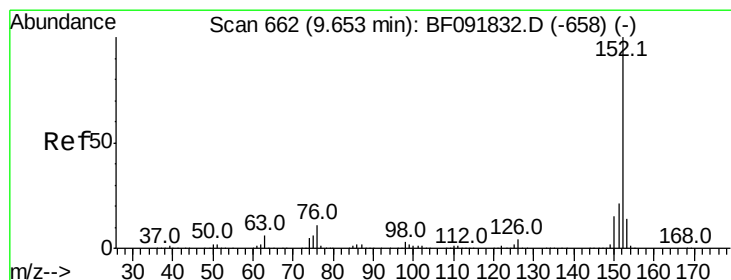
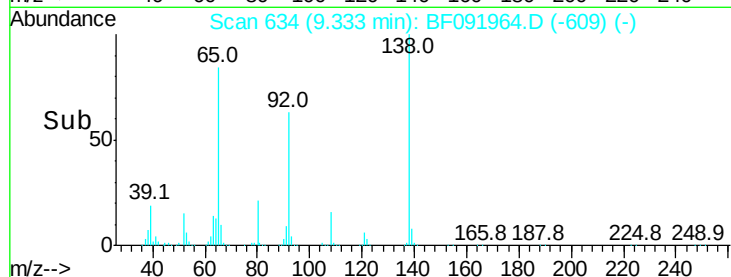
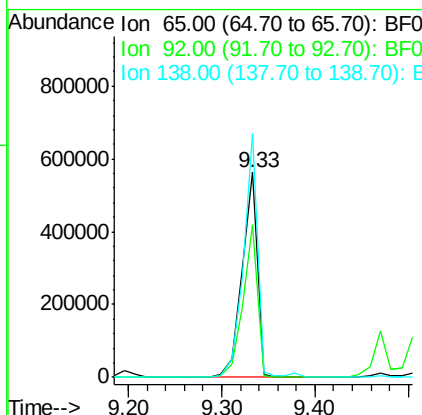
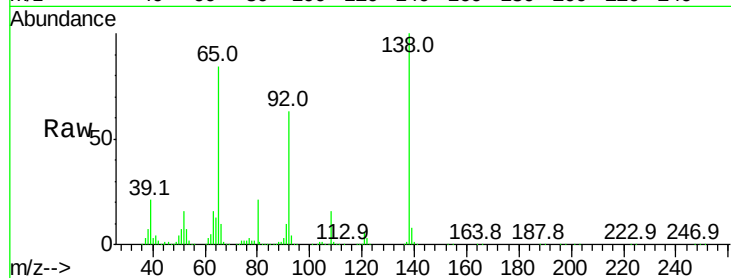




#47
2-Nitroaniline
Concen: 46.32 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

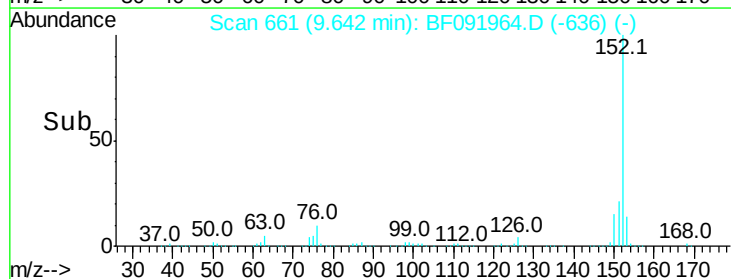
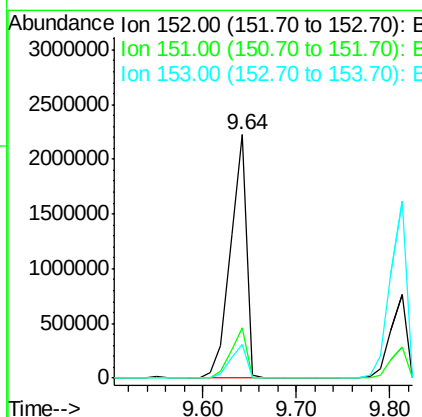
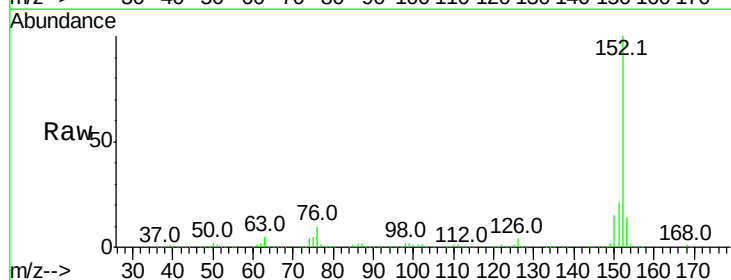
Instrument :
BNA_F
ClientSampleId :
PB95595BS

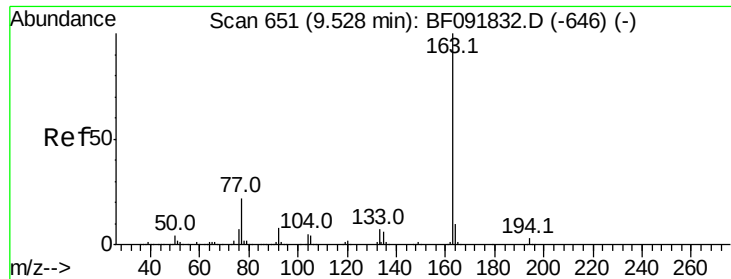
Tot Ion: 65 Resp: 640829
Ion Ratio Lower Upper
65 100
92 74.5 53.9 80.9
138 118.8 76.8 115.2#



#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

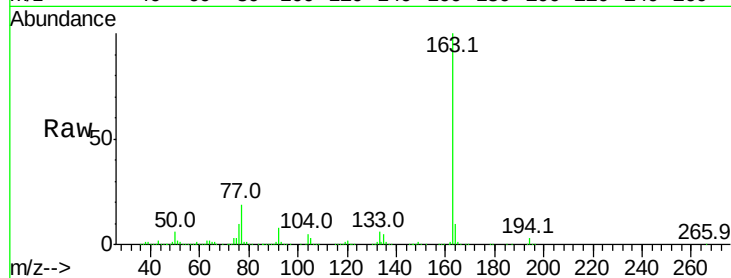
Tot Ion:163 Resp: 2123973

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

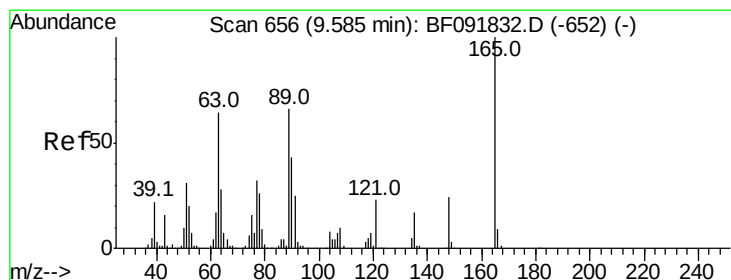
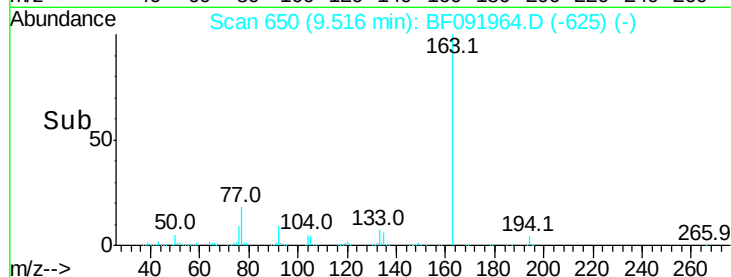
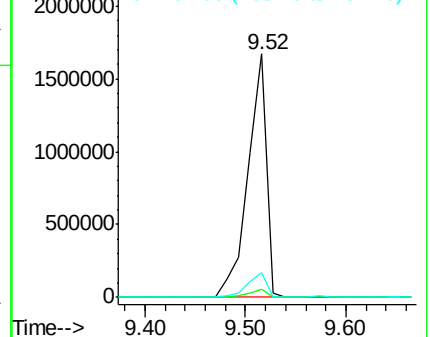
164 10.2 8.0 12.0



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

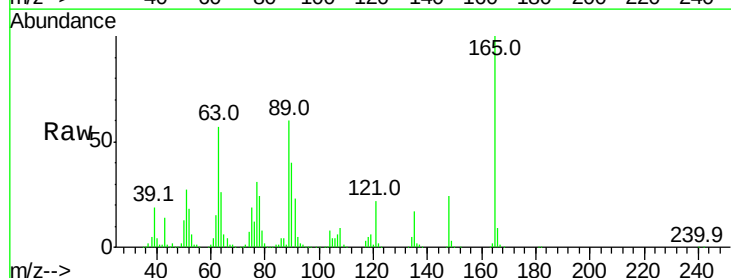
Tgt Ion:165 Resp: 456384

Ion Ratio Lower Upper

165 100

63 56.6 36.2 54.4#

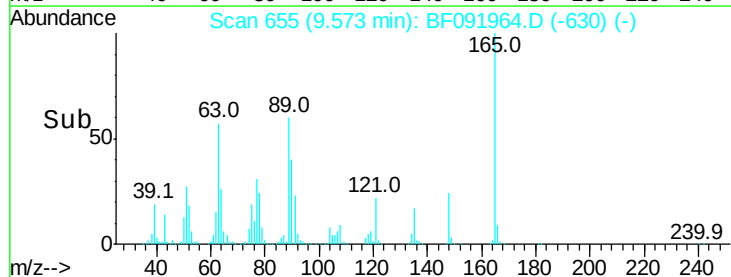
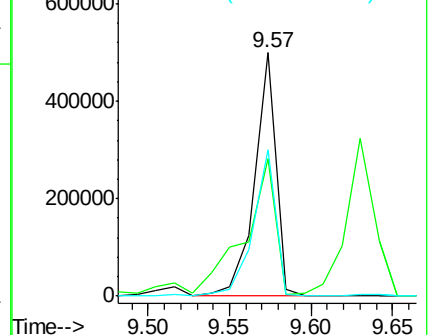
89 60.2 40.2 60.4

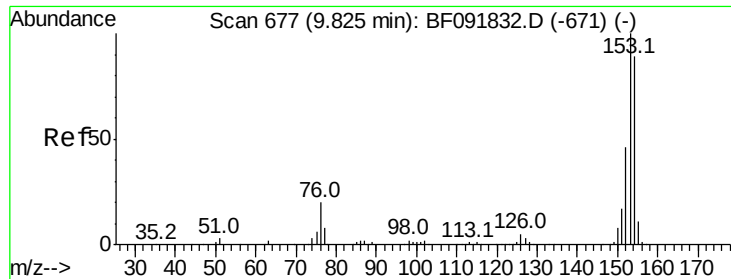


Abundance Ion 165.00 (164.70 to 165.70): E

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

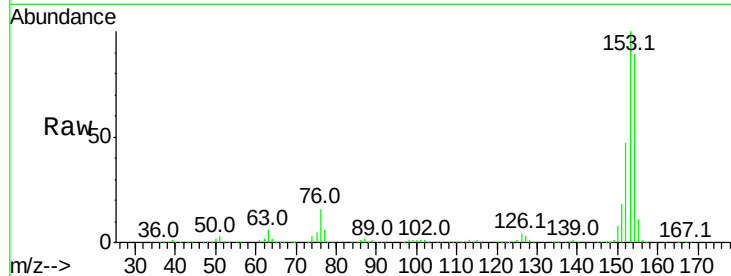
Tot Ion:154 Resp: 1726249

Ion Ratio Lower Upper

154 100

153 111.9 88.6 133.0

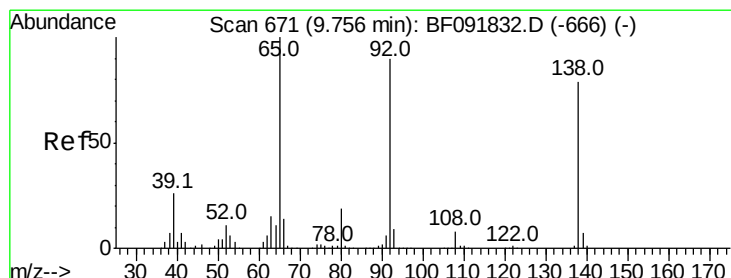
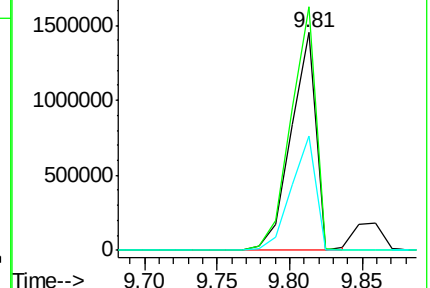
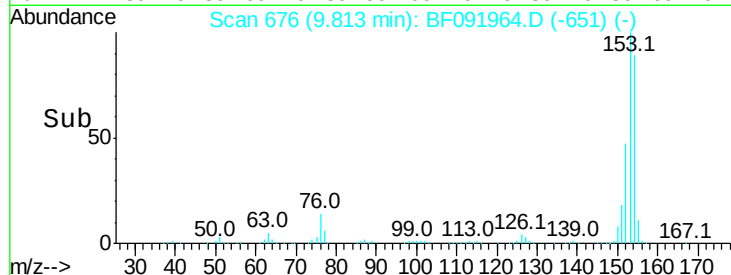
152 52.6 41.6 62.4



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

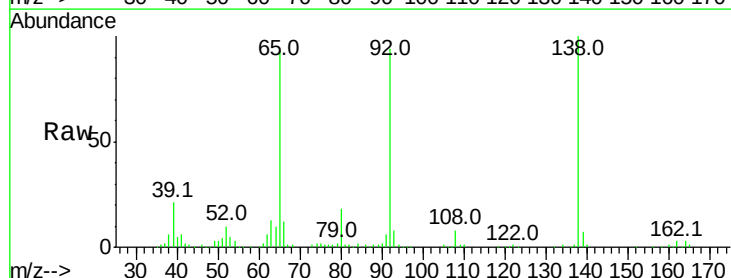
Tgt Ion:138 Resp: 235081

Ion Ratio Lower Upper

138 100

108 8.5 8.5 12.7#

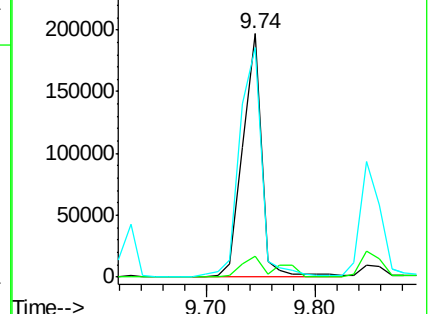
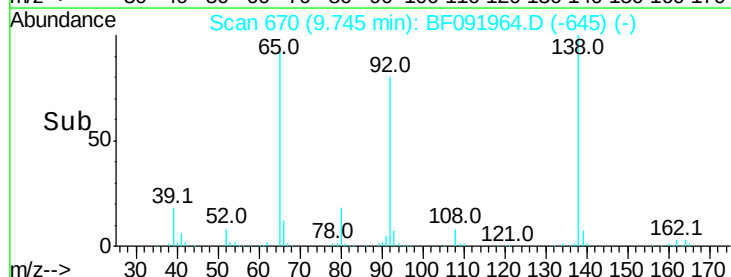
92 94.1 97.8 146.8#

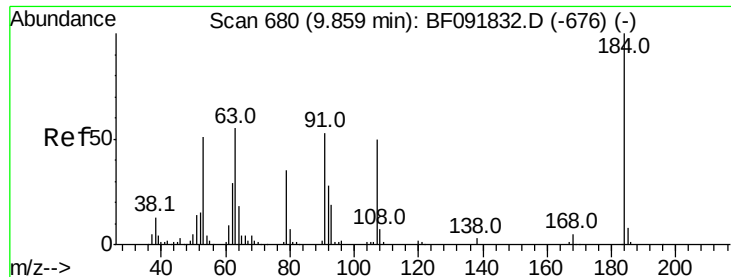


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

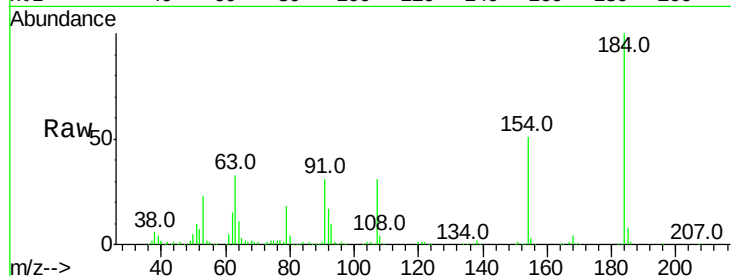




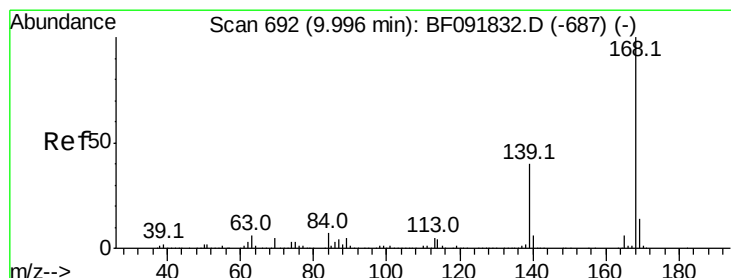
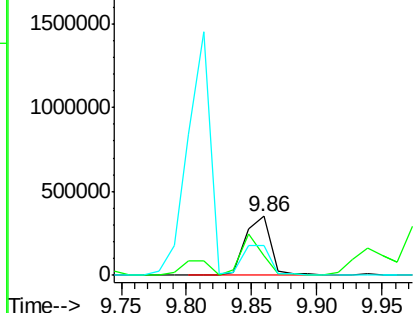
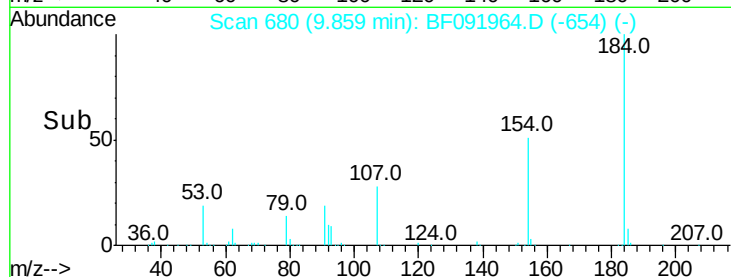
#53
2,4-Dinitrophenol
Concen: 86.52 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB95595BS

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

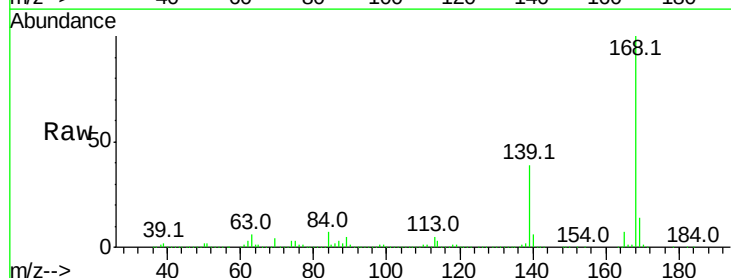


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

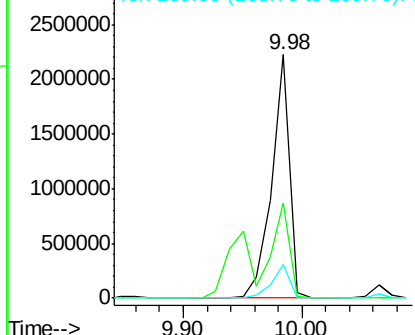
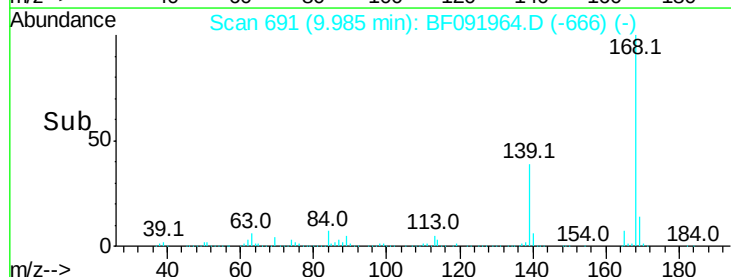


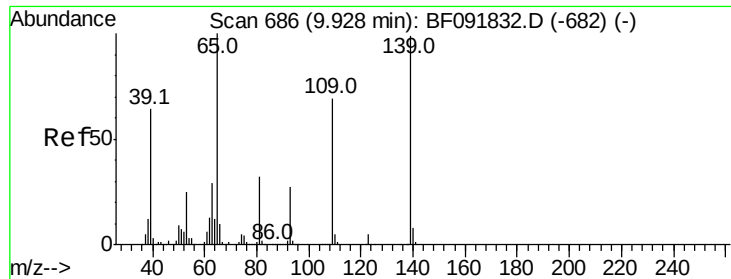
#54
Dibenzofuran
Concen: 42.31 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

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

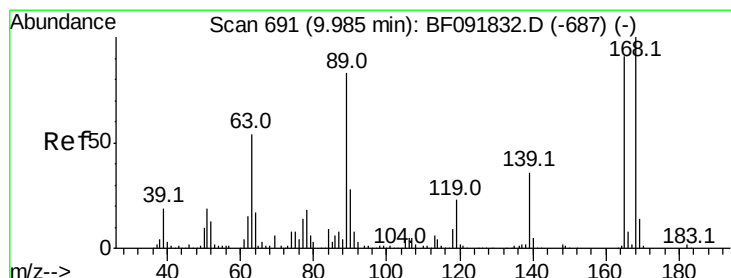
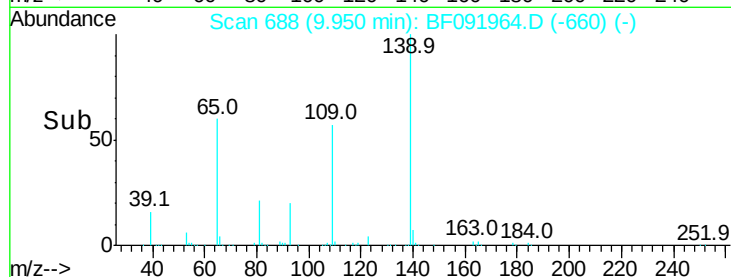
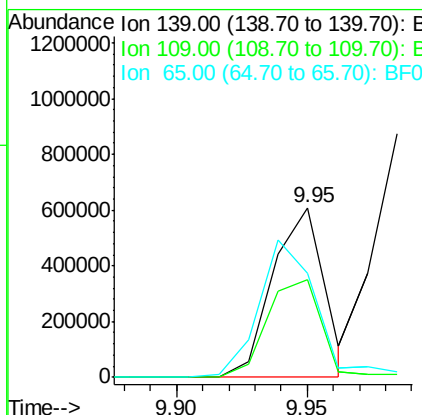
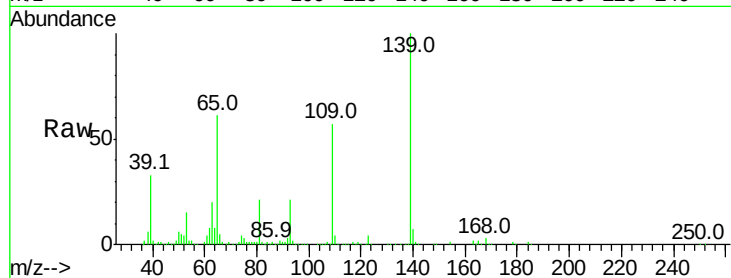




#55
4-Nitrophenol
Concen: 99.39 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.02 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

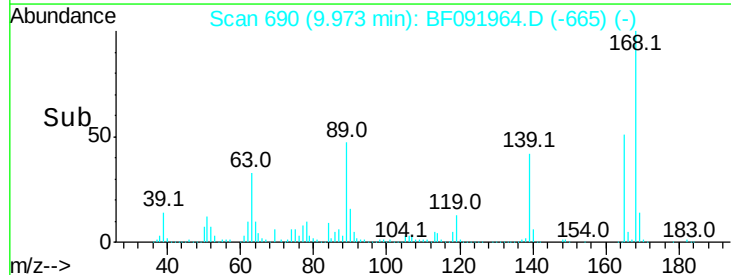
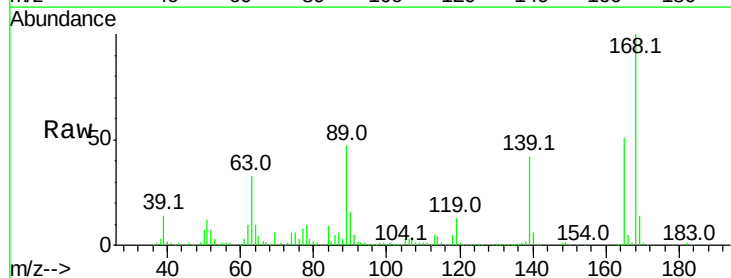
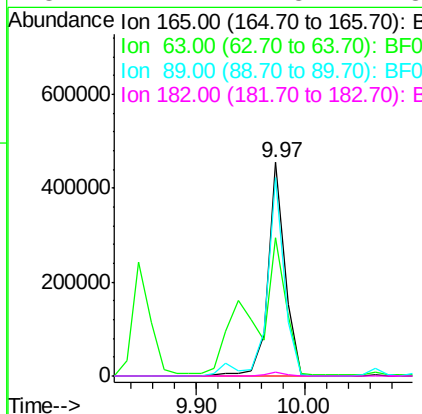
Instrument :
BNA_F
ClientSampleId :
PB95595BS

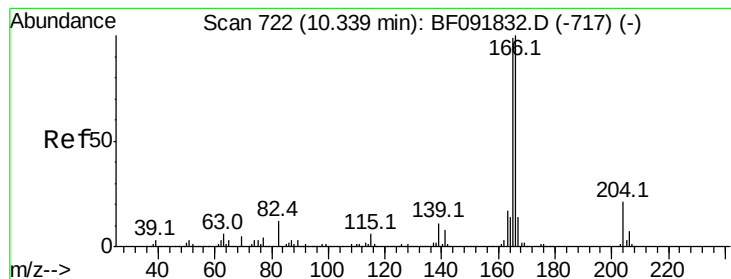
Tot Ion:139 Resp: 837812
Ion Ratio Lower Upper
139 100
109 57.2 52.2 92.2
65 61.5 85.8 125.8#



#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





#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

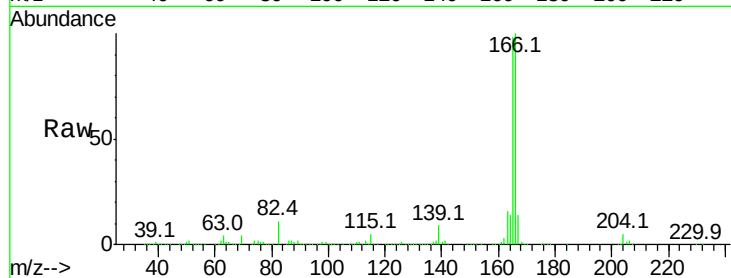
Tot Ion:166 Resp: 1808508

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.8

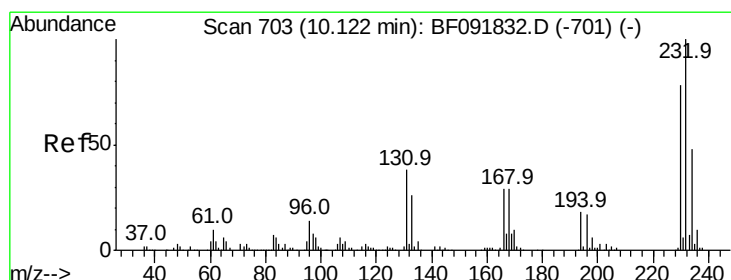
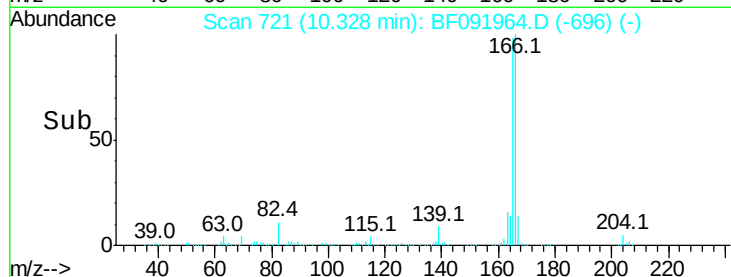
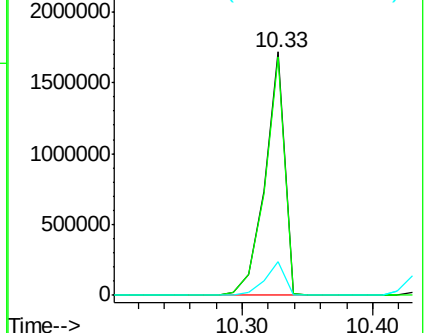
167 13.6 10.8 16.2



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

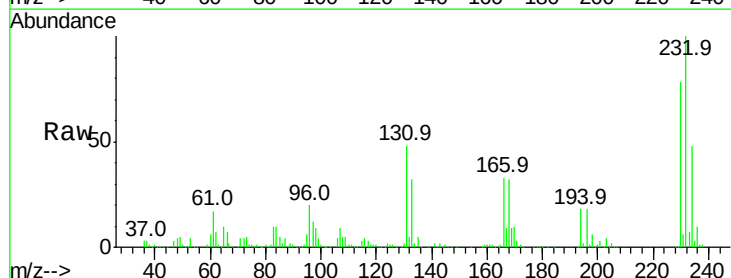
Ion Ratio Lower Upper

232 100

131 51.0 40.1 60.1

130 2.4 1.8 2.8

166 32.4 26.6 39.8

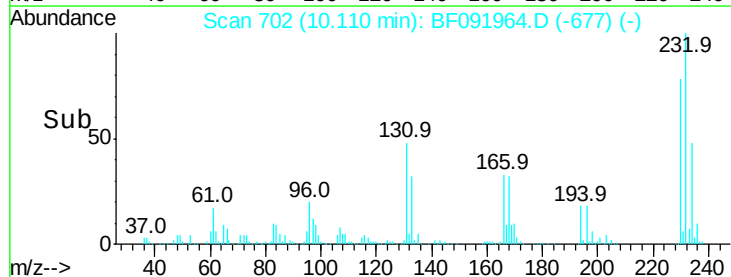
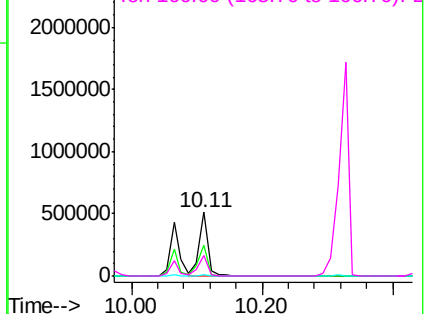


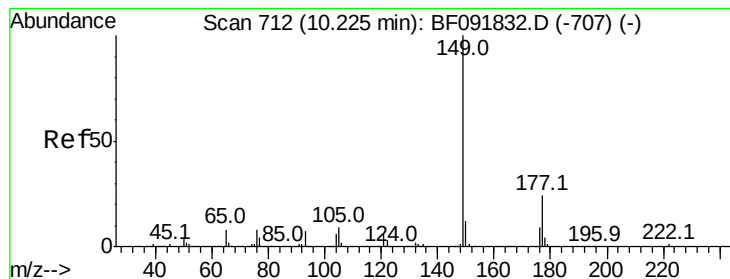
Abundance Ion 232.00 (231.70 to 232.70): E

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

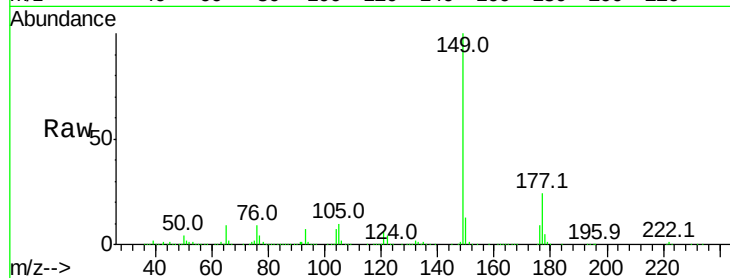
Tot Ion:149 Resp: 2014141

Ion Ratio Lower Upper

149 100

177 23.6 16.6 25.0

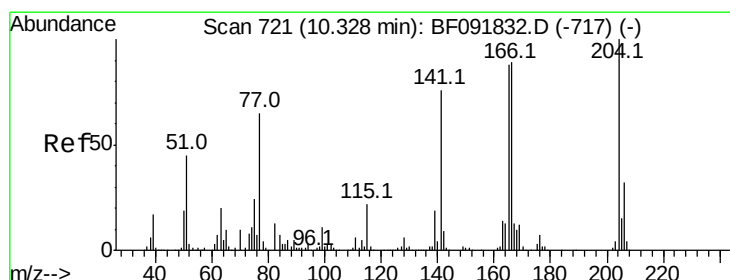
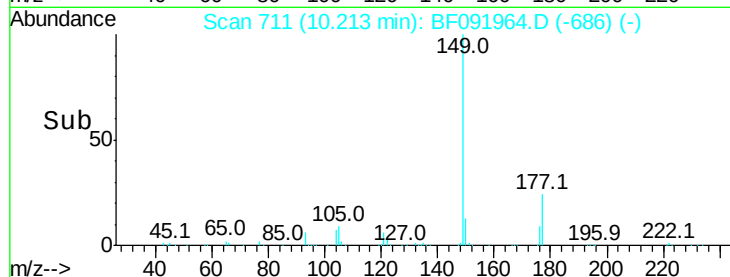
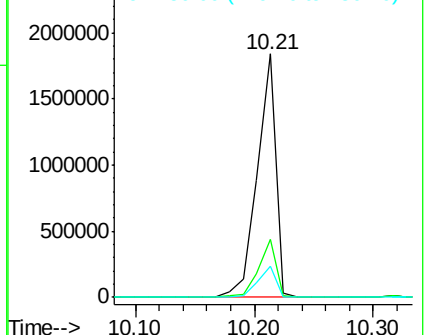
150 12.6 10.4 15.6



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

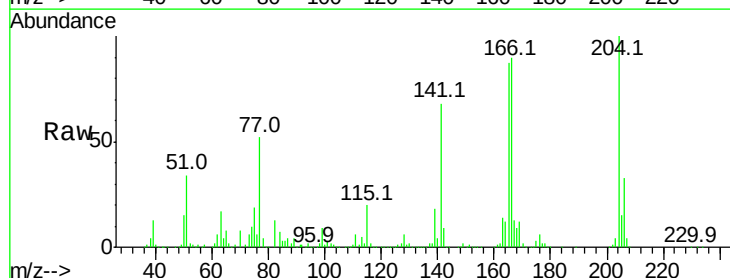
Tgt Ion:204 Resp: 718573

Ion Ratio Lower Upper

204 100

206 33.2 25.8 38.6

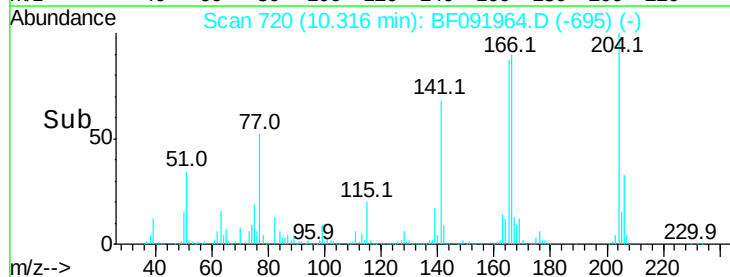
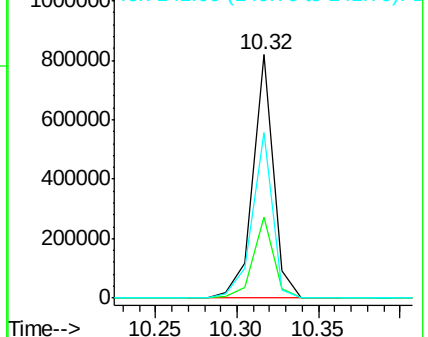
141 68.2 59.4 89.0

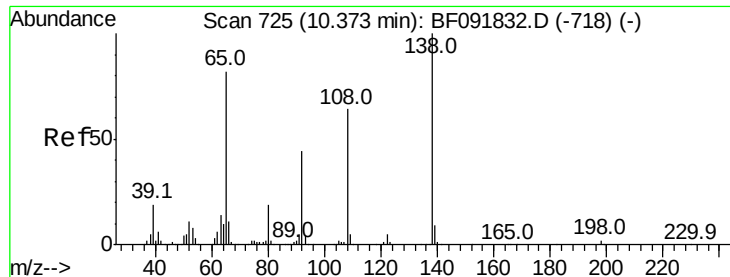


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

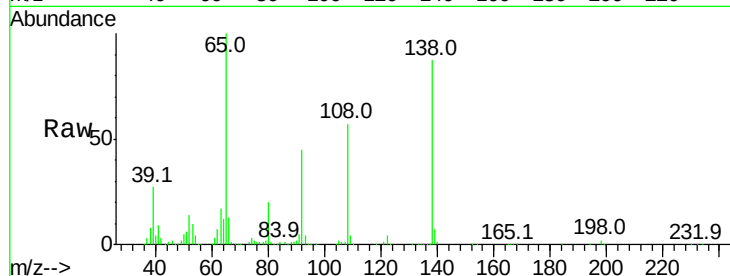




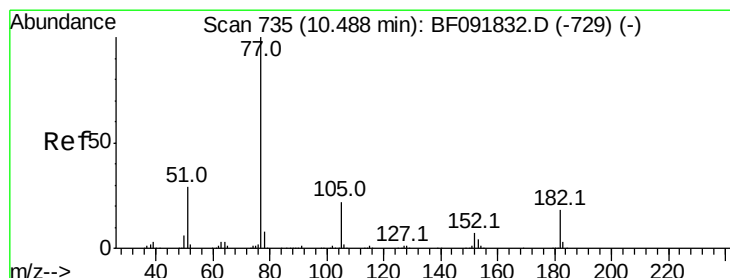
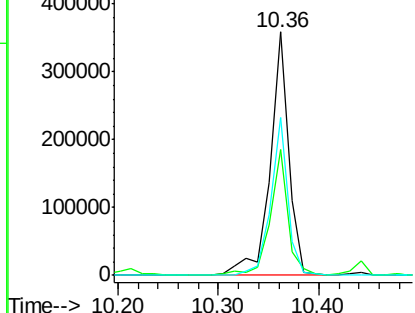
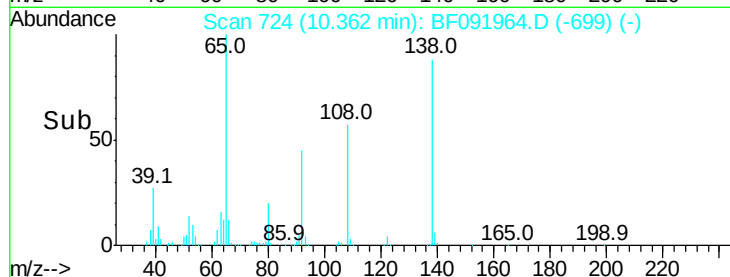
#61
4-Nitroaniline
Concen: 36.14 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB95595BS

Tot Ion:138 Resp: 464906
Ion Ratio Lower Upper
138 100
92 51.7 31.7 71.7
108 65.1 52.6 92.6

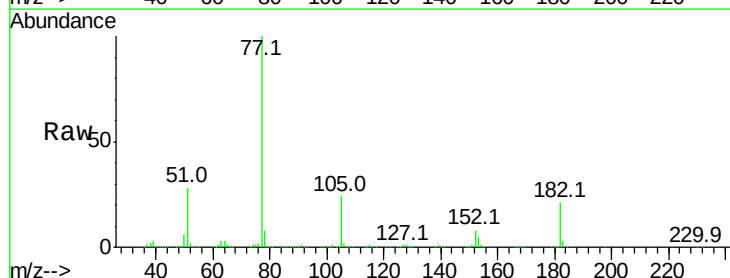


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

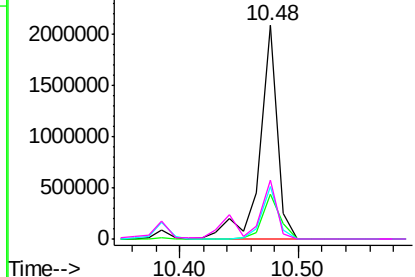
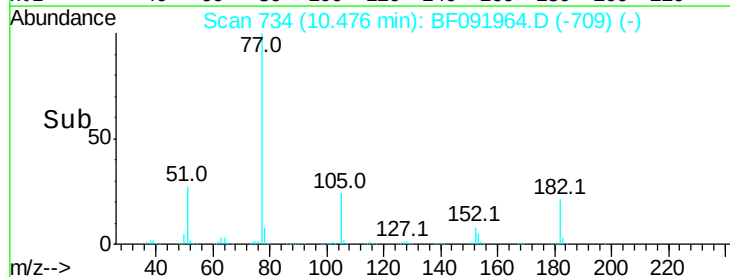


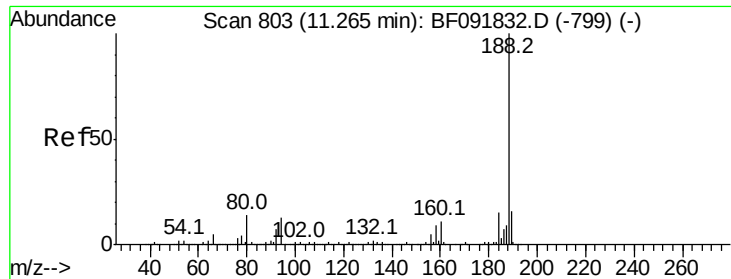
#62
Azobenzene
Concen: 44.22 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

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

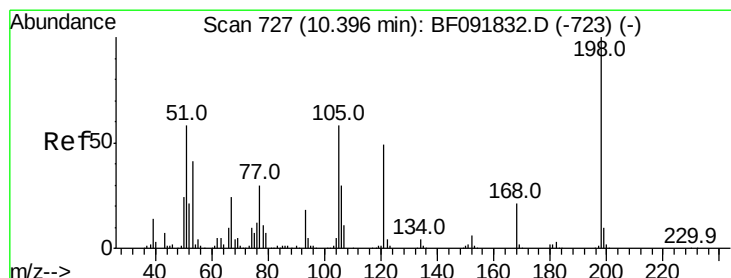
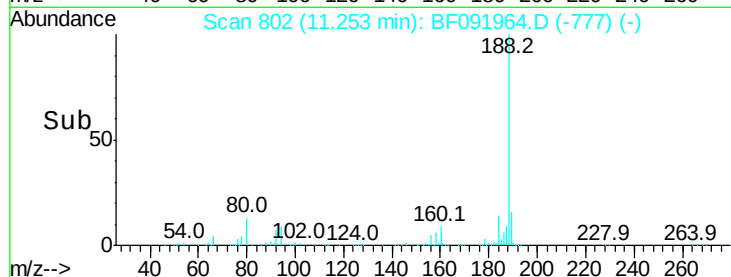
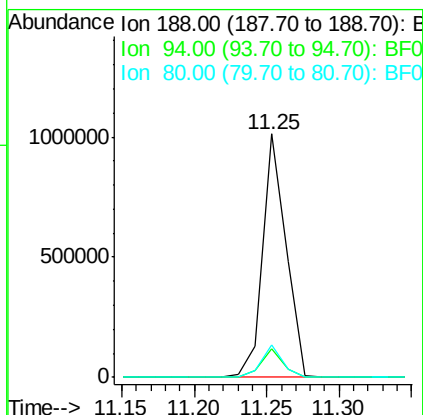
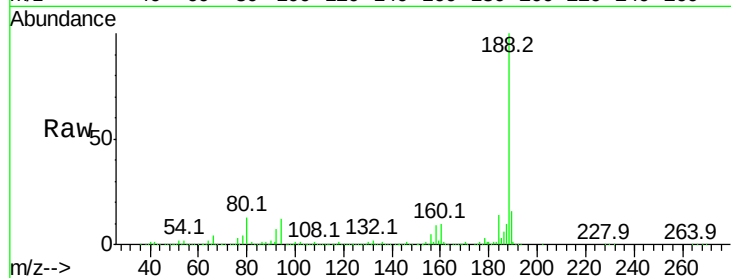




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

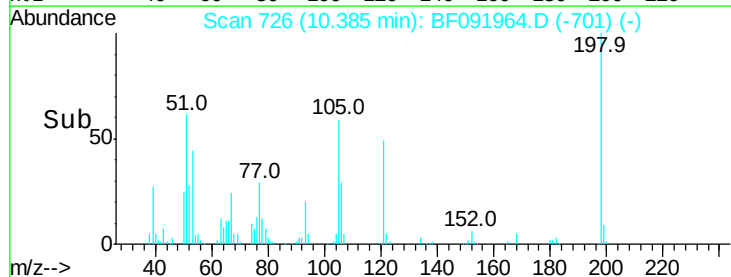
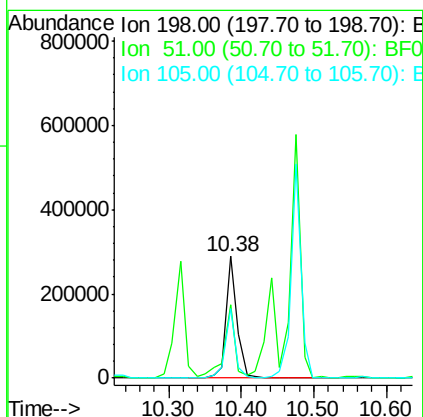
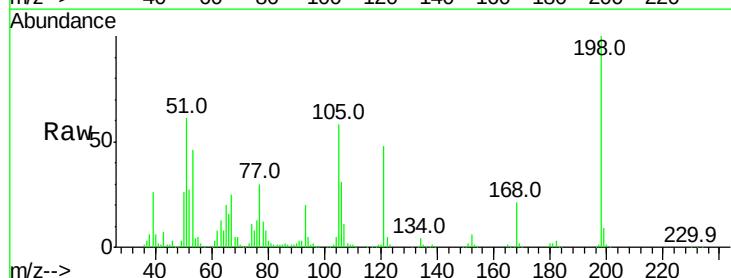
Instrument :
BNA_F
ClientSampleId :
PB95595BS

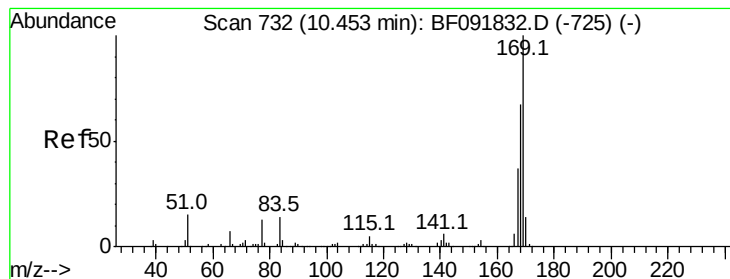
Tot Ion:188 Resp: 1131415
Ion Ratio Lower Upper
188 100
94 12.0 10.0 15.0
80 13.1 11.2 16.8



#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

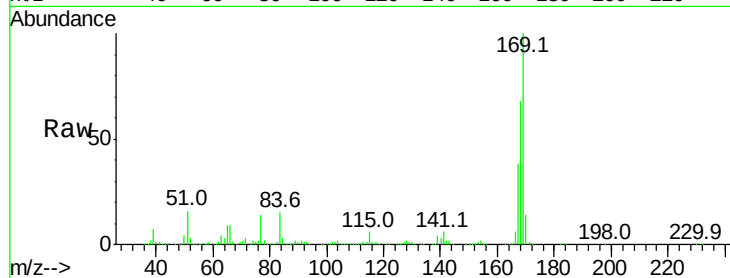
Tot Ion:169 Resp: 1489191

Ion Ratio Lower Upper

169 100

168 67.5 54.2 81.2

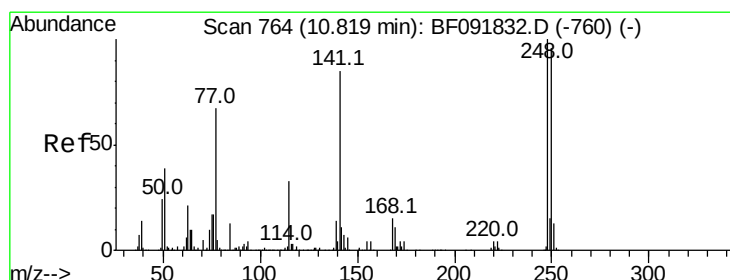
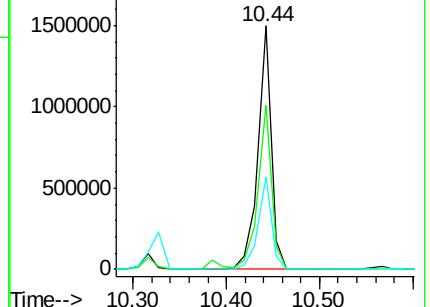
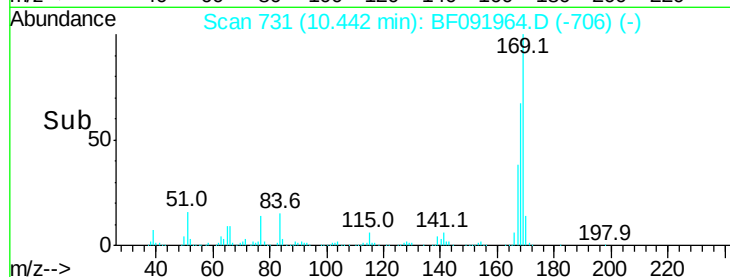
167 37.8 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 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

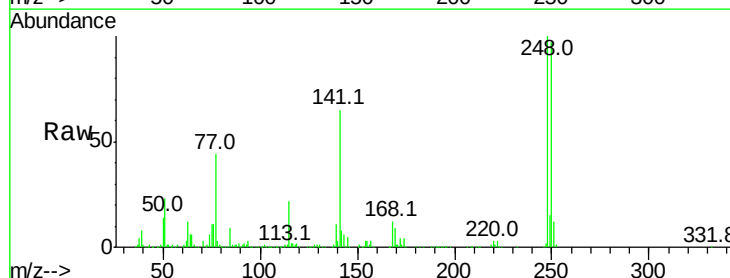
Tgt Ion:248 Resp: 556228

Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

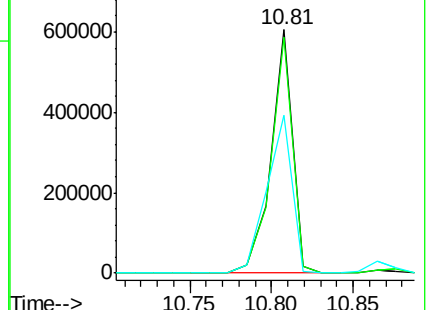
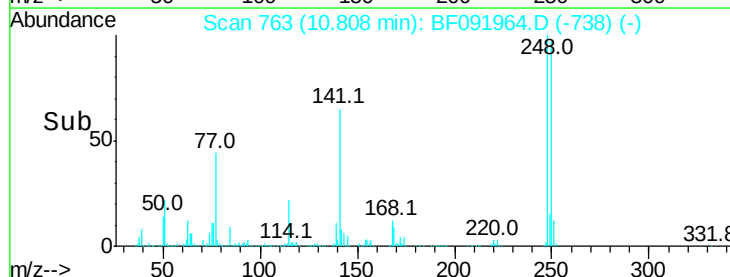
141 64.6 68.2 102.4#

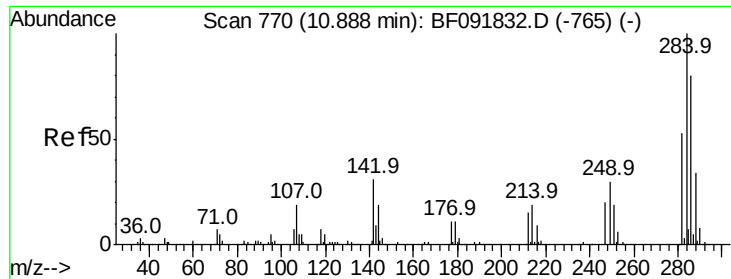


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 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

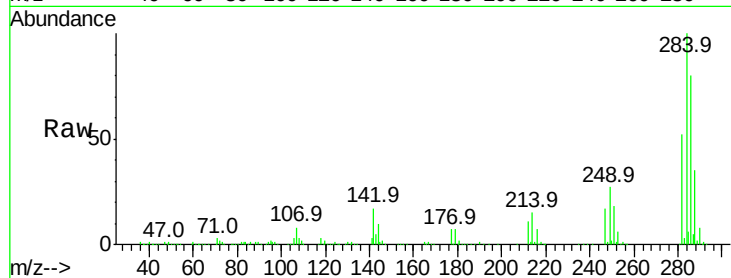
Tot Ion:284 Resp: 573778

Ion Ratio Lower Upper

284 100

142 17.4 22.6 33.8#

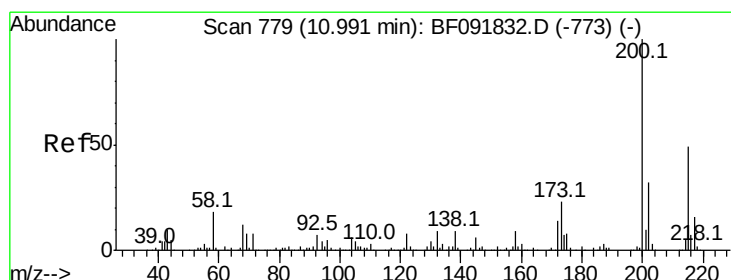
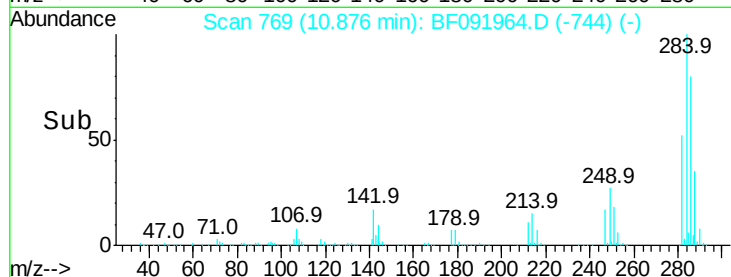
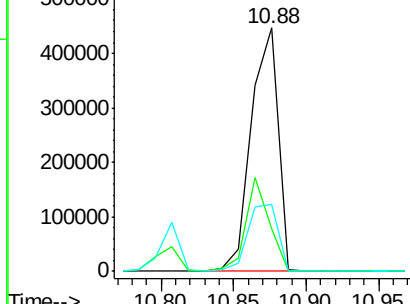
249 27.3 25.4 38.0



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

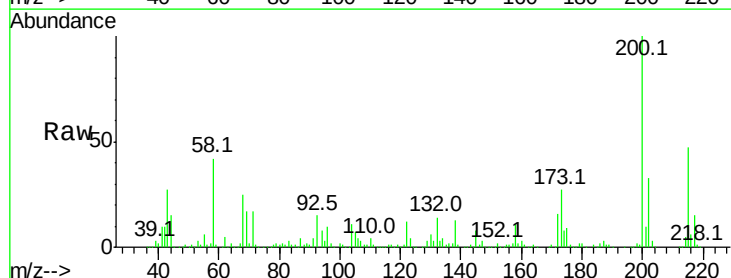
Tgt Ion:200 Resp: 548046

Ion Ratio Lower Upper

200 100

173 26.7 9.6 49.6

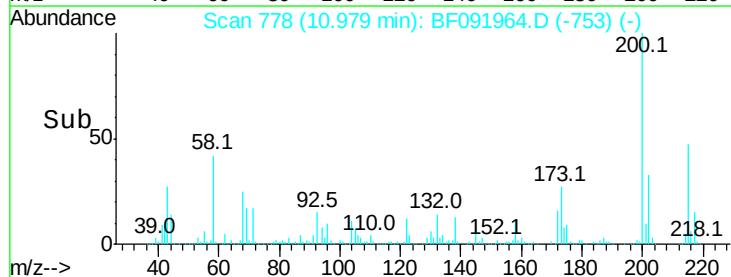
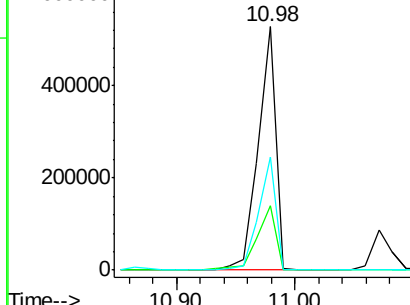
215 46.5 25.7 65.7

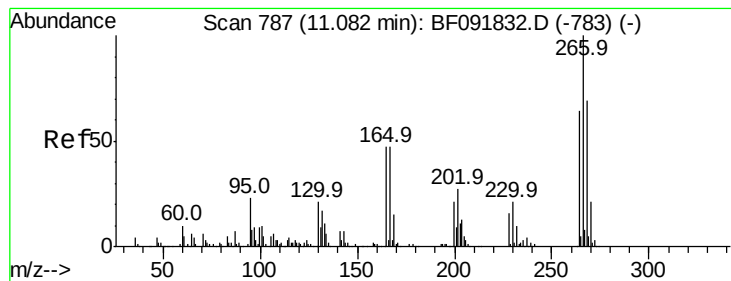


Abundance Ion 200.00 (199.70 to 200.70): E

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

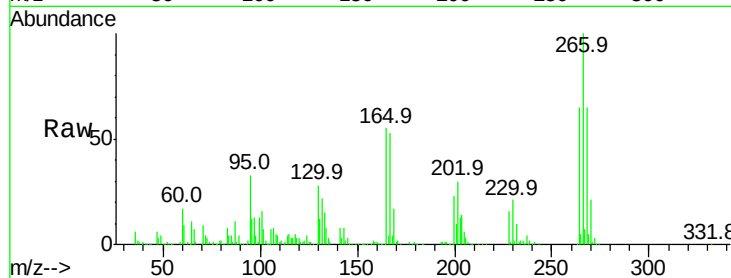
Tot Ion:266 Resp: 544418

Ion Ratio Lower Upper

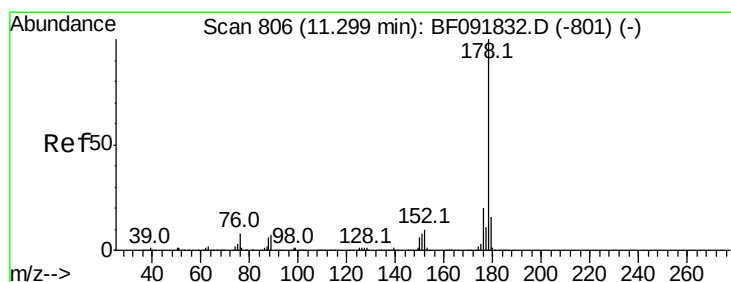
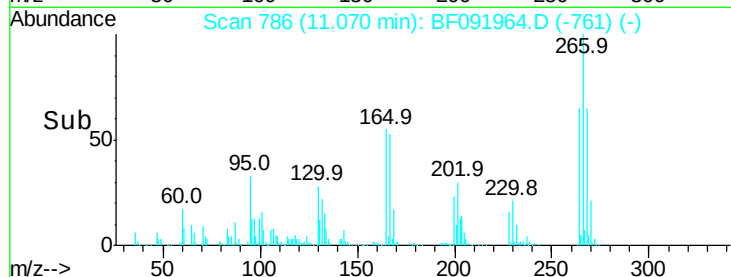
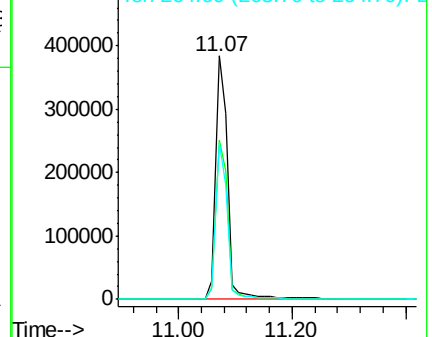
266 100

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: 44.00 ng m

RT: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

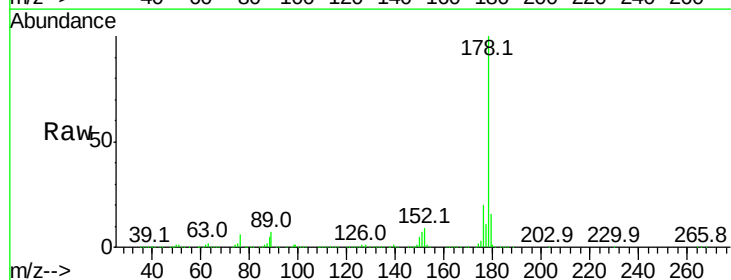
Tgt Ion:178 Resp: 2699107

Ion Ratio Lower Upper

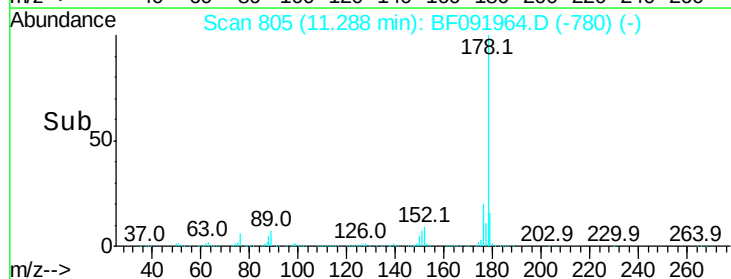
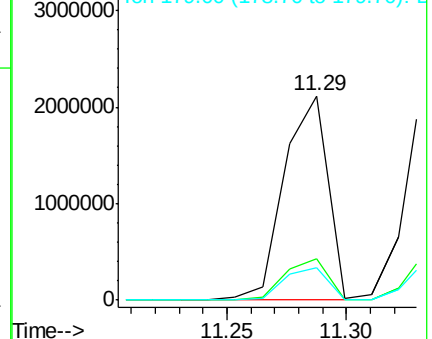
178 100

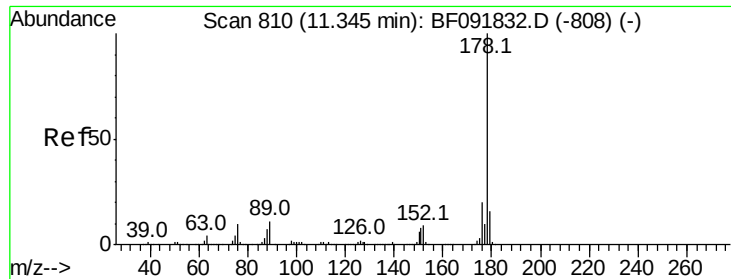
176 20.1 16.6 25.0

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

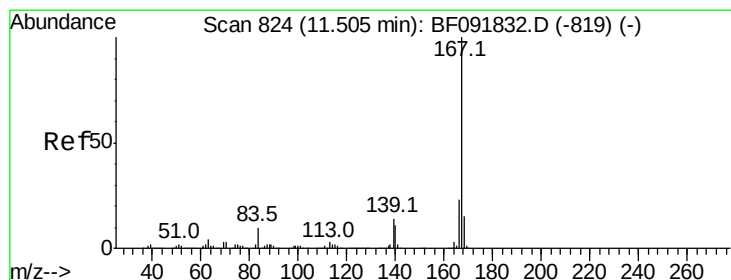
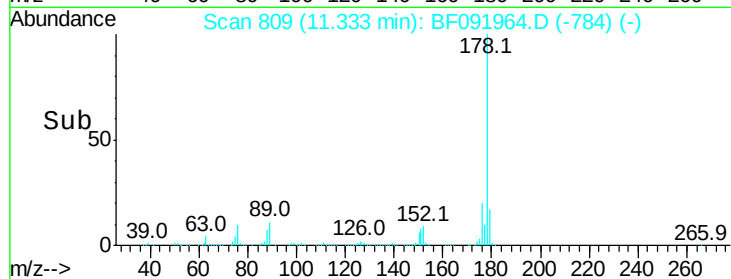
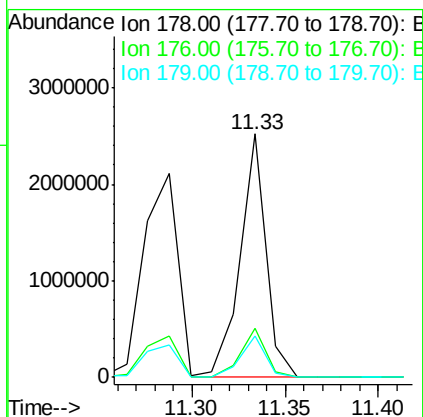
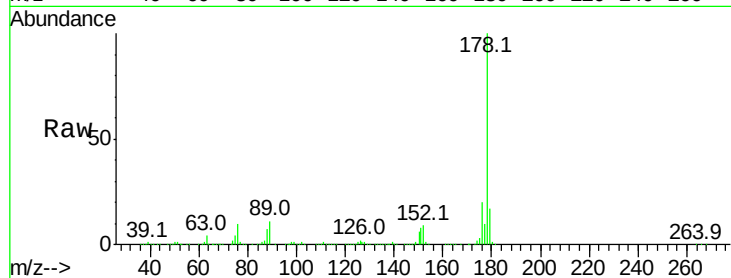




#71
 Anthracene
 Concen: 45.19 ng m
 RT: 11.33 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

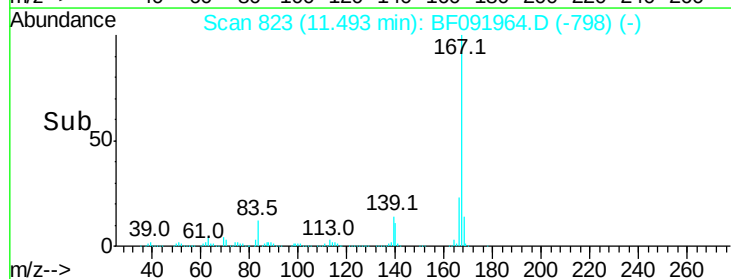
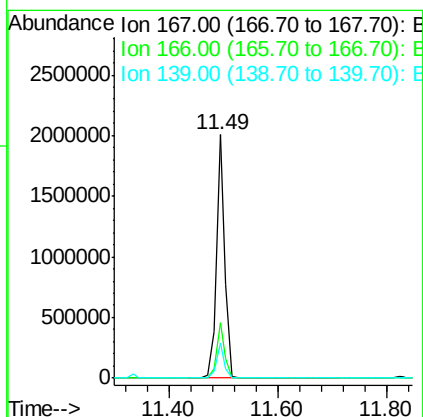
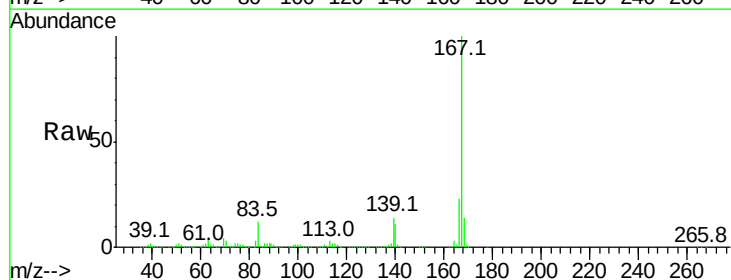
Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

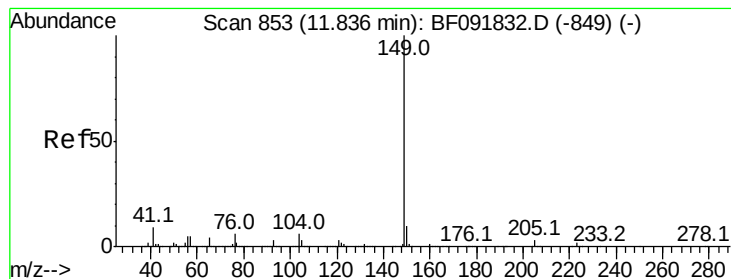
Tot Ion:178 Resp: 2454866
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 16.8 13.2 19.8



#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





#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

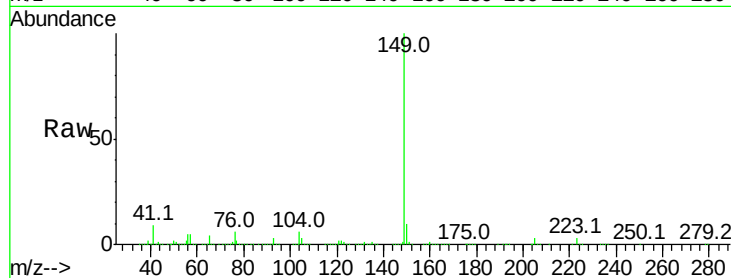
Tot Ion:149 Resp: 2652091

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

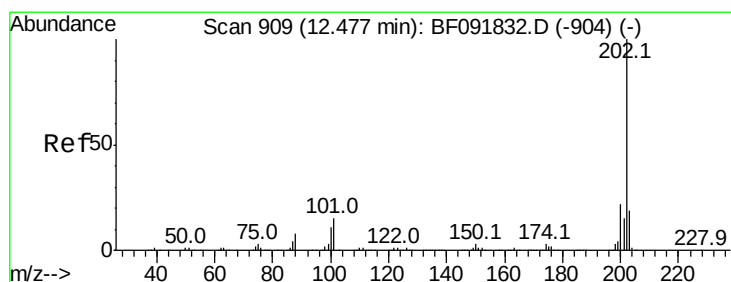
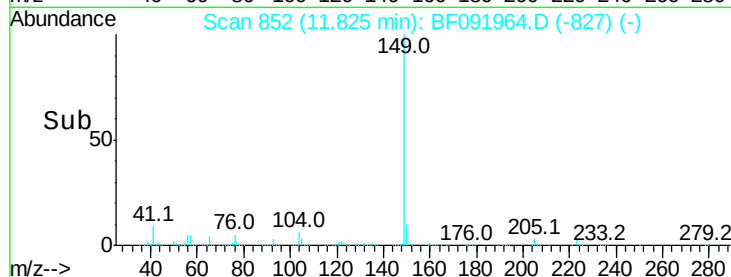
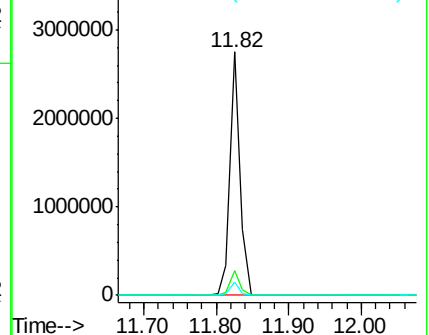
104 5.7 4.6 7.0



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

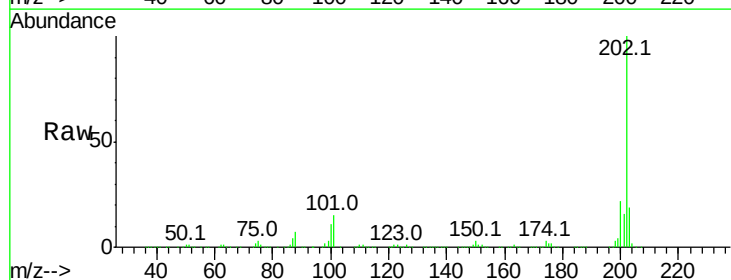
Tgt Ion:202 Resp: 2418568

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.6

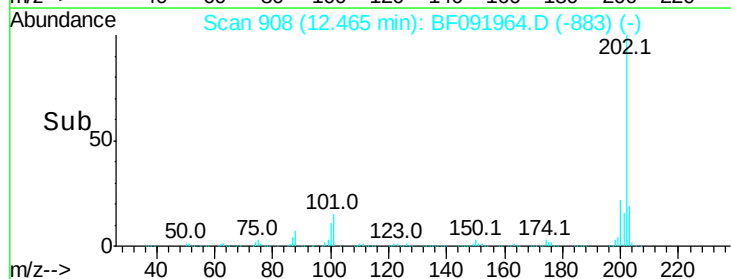
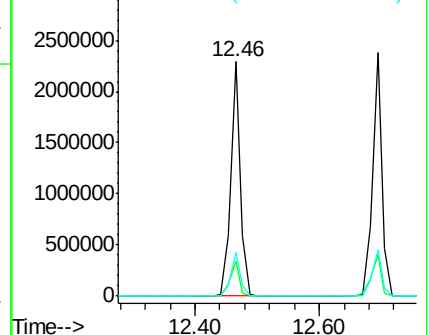
203 18.6 0.0 38.7

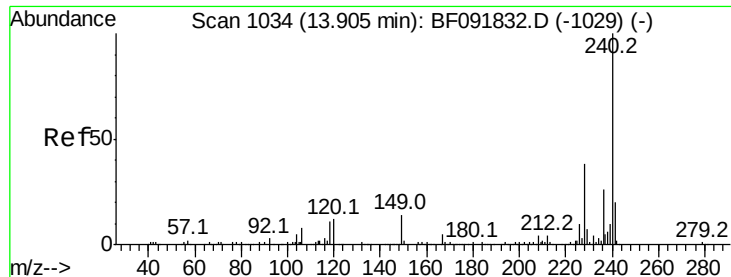


Abundance Ion 202.00 (201.70 to 202.70): E

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

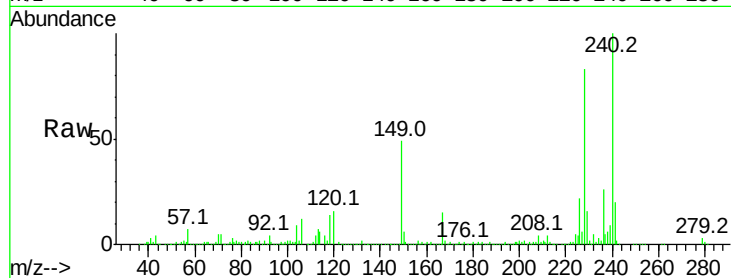
Tot Ion:240 Resp: 800524

Ion Ratio Lower Upper

240 100

120 16.1 12.9 19.3

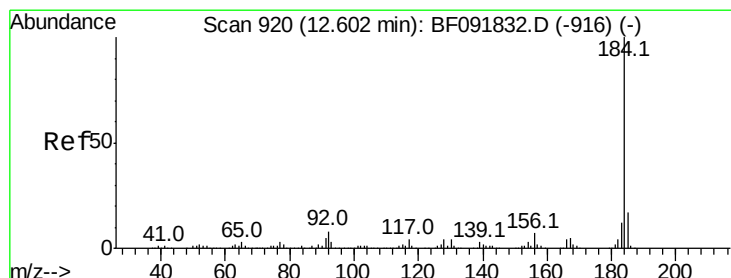
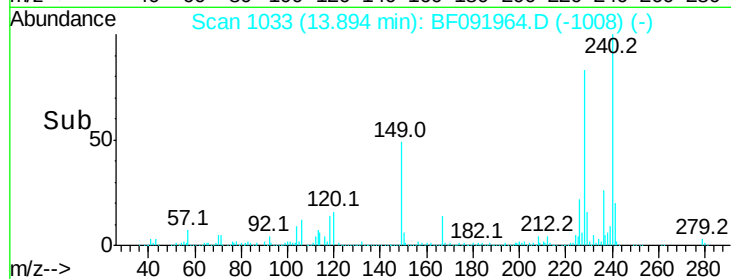
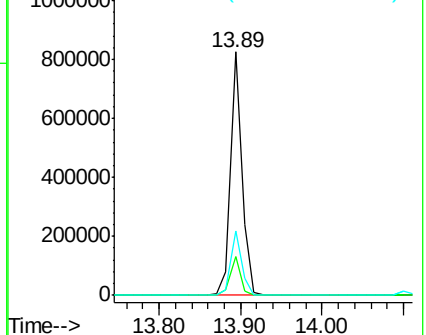
236 26.4 20.9 31.3



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

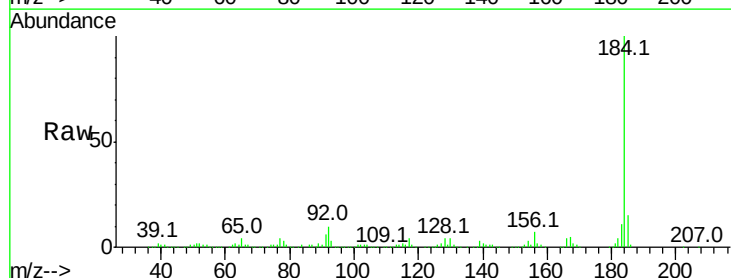
Tgt Ion:184 Resp: 691385

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.0

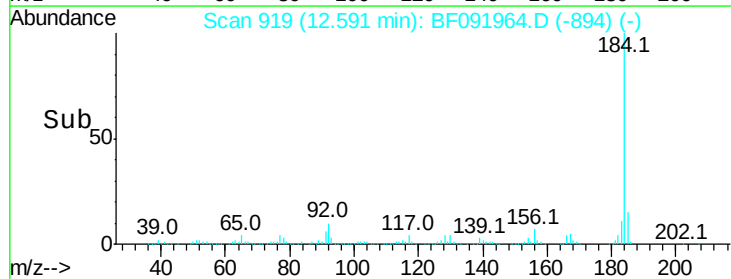
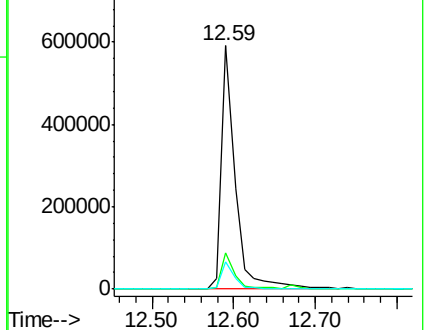
183 11.0 9.2 13.8

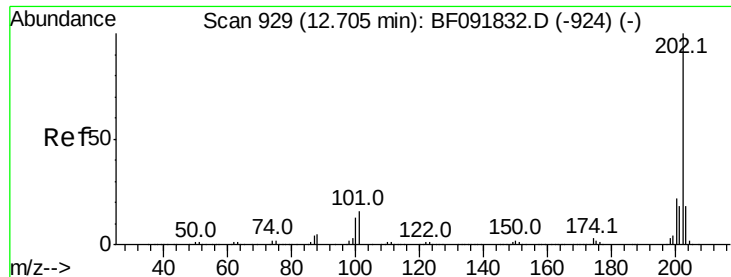


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

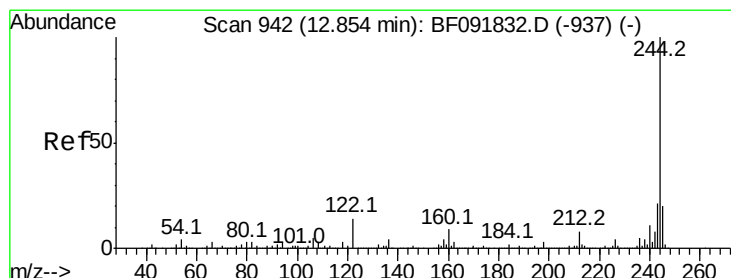
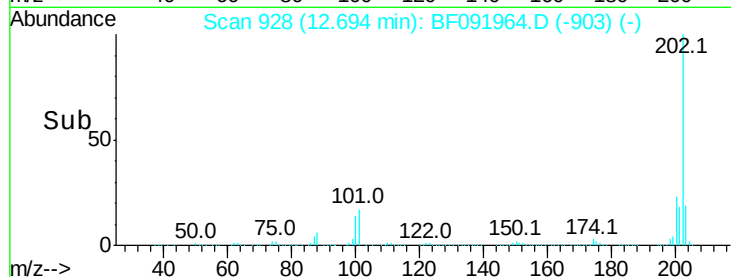
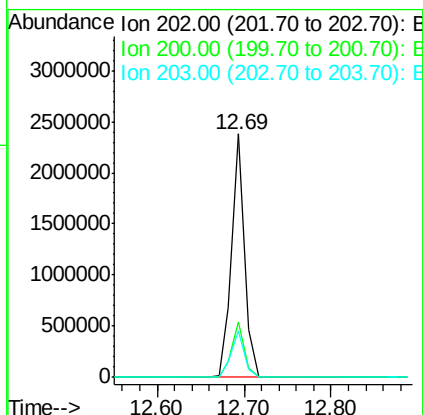
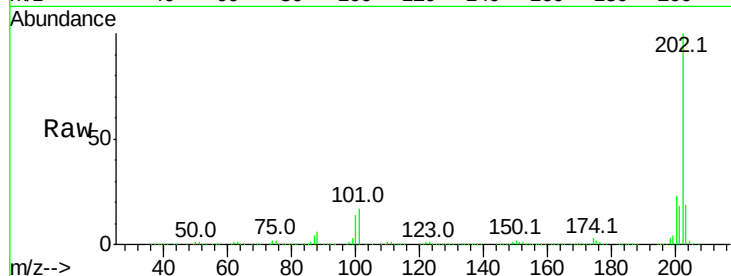




#77
Pvrene
Concen: 41.76 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

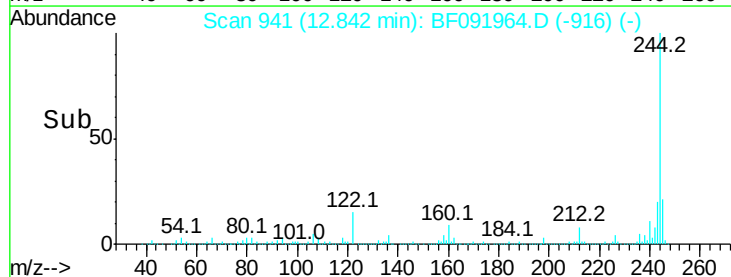
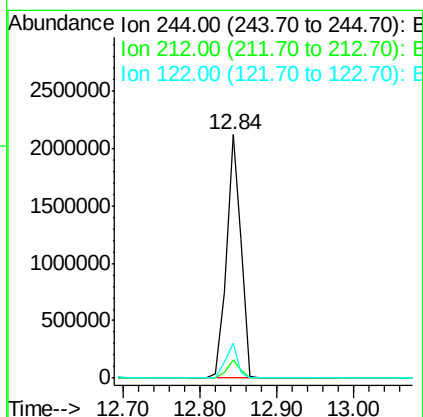
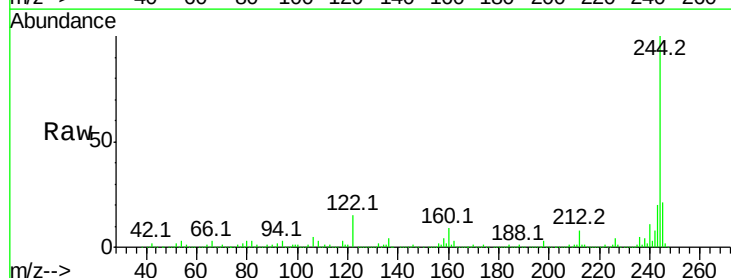
Instrument :
BNA_F
ClientSampleId :
PB95595BS

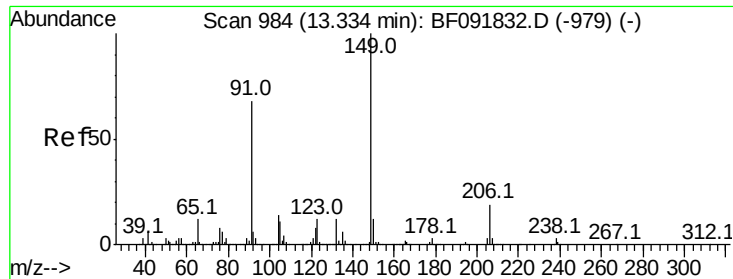
Tot Ion:202 Resp: 2452683
Ion Ratio Lower Upper
202 100
200 22.8 17.7 26.5
203 18.9 14.7 22.1



#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

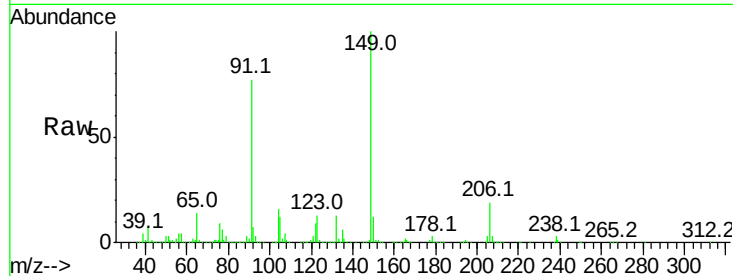
Tot Ion:149 Resp: 1229561

Ion Ratio Lower Upper

149 100

91 76.8 63.9 95.9

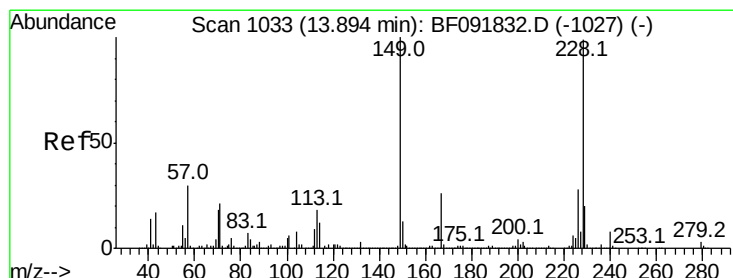
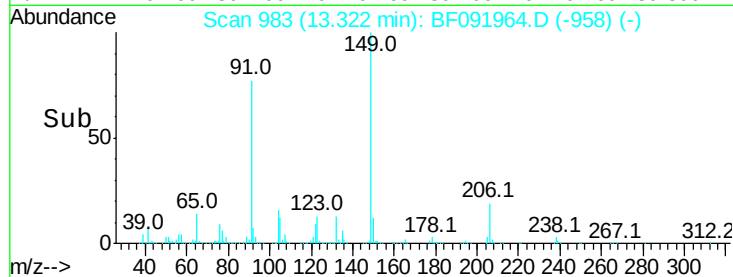
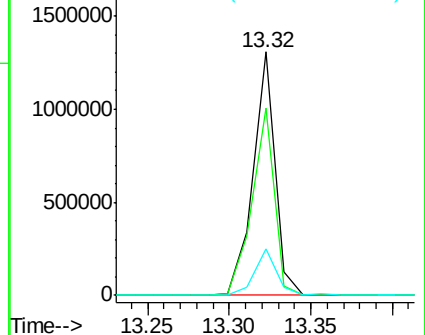
206 19.0 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 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

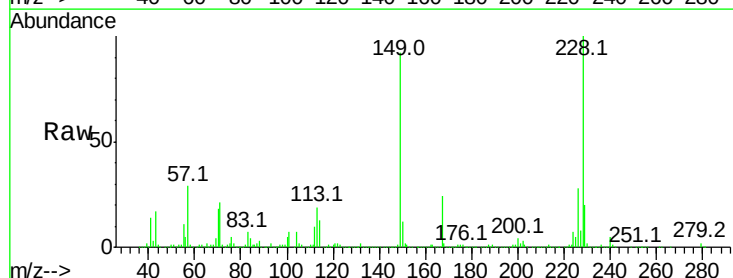
Tgt Ion:228 Resp: 2061712

Ion Ratio Lower Upper

228 100

226 27.8 22.4 33.6

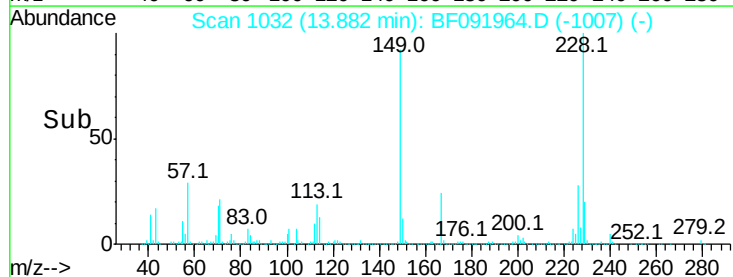
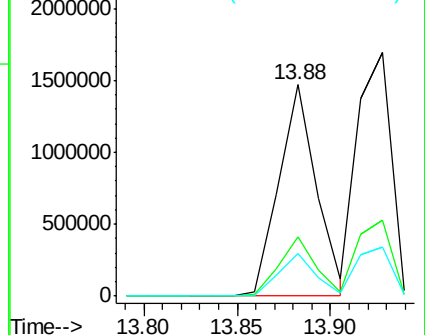
229 20.3 16.2 24.4

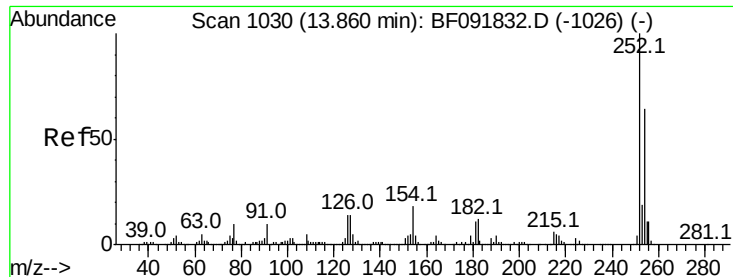


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

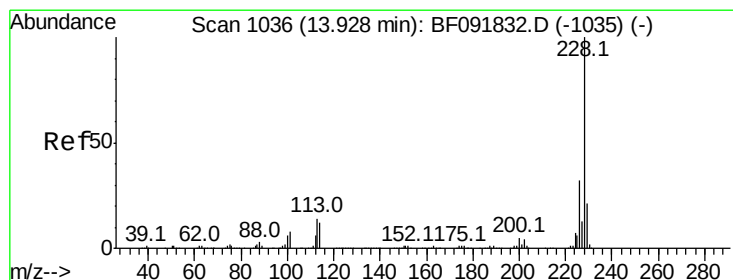
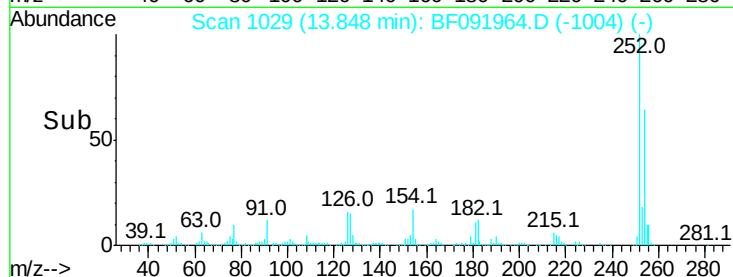
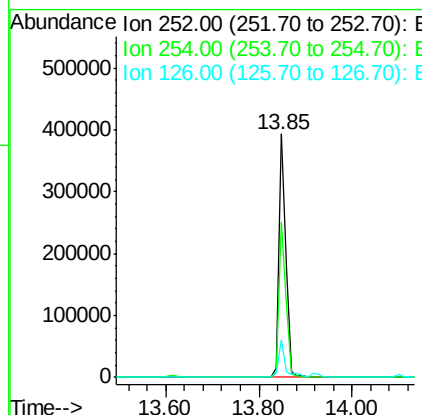
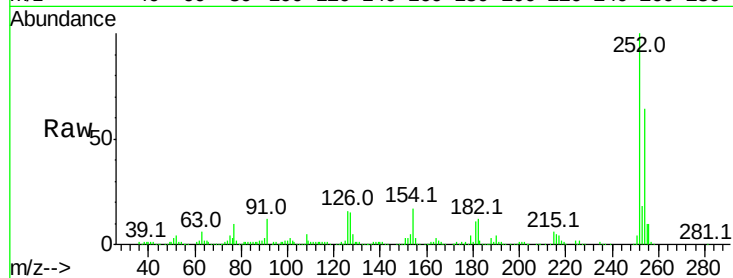




#81
 3,3'-Dichlorobenzidine
 Concen: 24.63 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF091964.D
 Acq: 27 Dec 2016 13:37

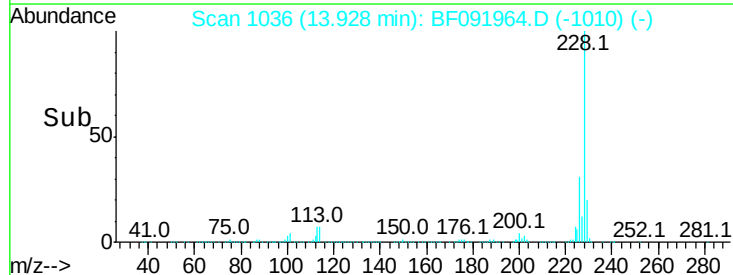
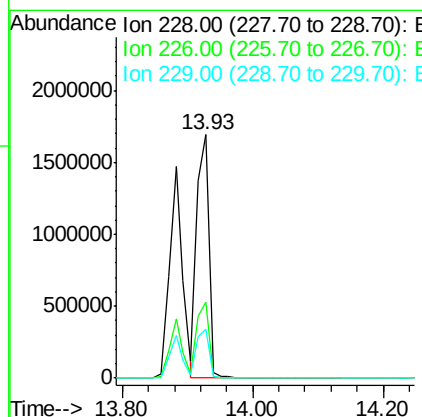
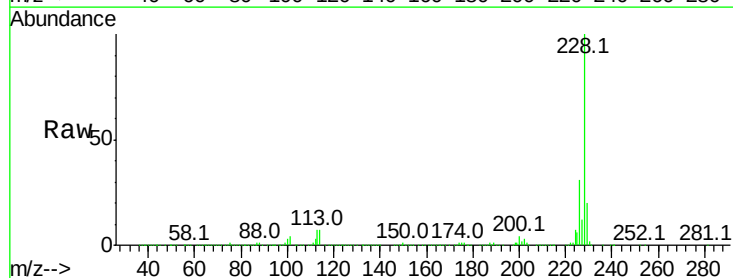
Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

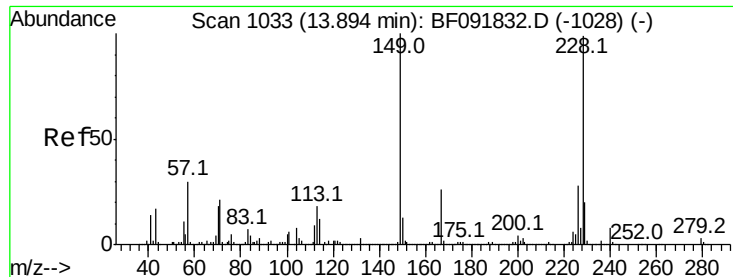
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.3	78.5
126	15.6	13.6	20.4



#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	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

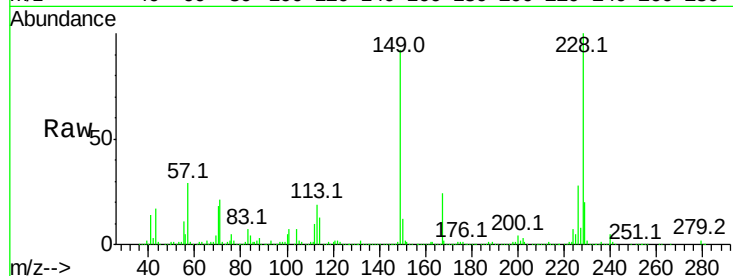
Tot Ion:149 Resp: 1354048

Ion Ratio Lower Upper

149 100

167 26.1 20.2 30.4

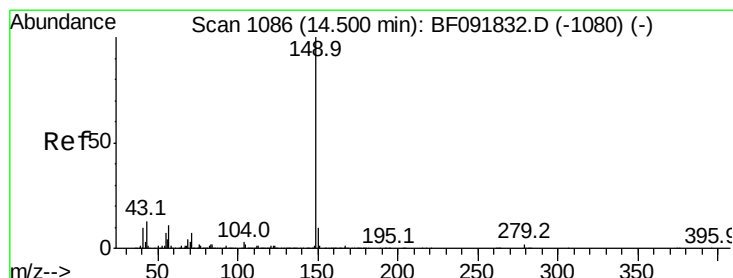
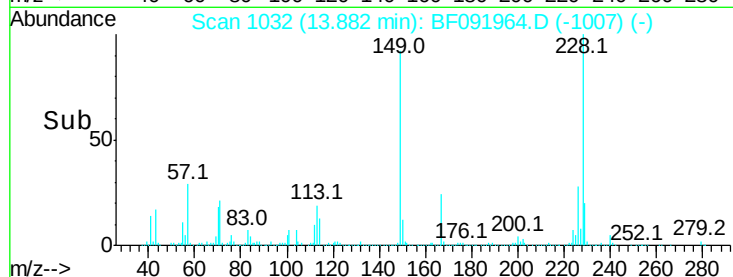
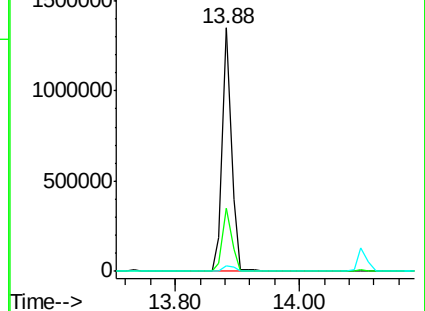
279 2.5 1.8 2.8



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

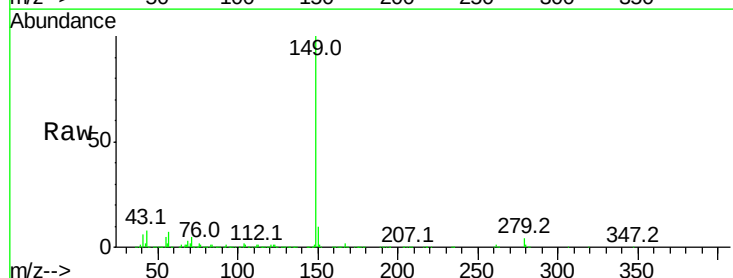
Tgt Ion:149 Resp: 2938158

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

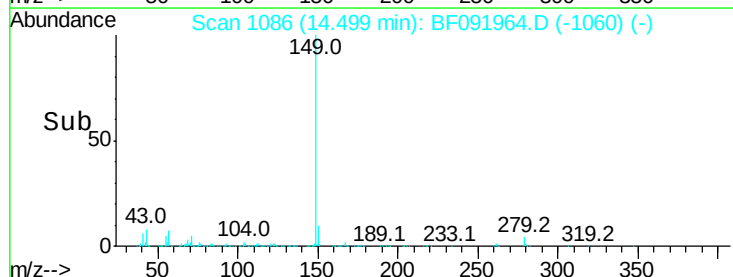
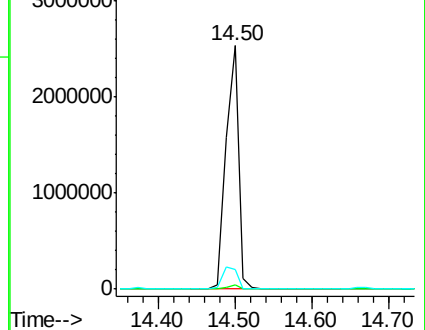
43 10.5 8.9 13.3

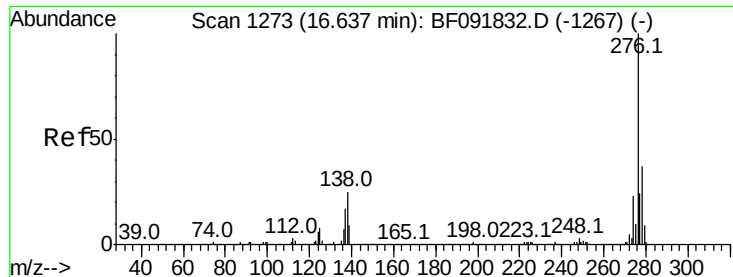


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

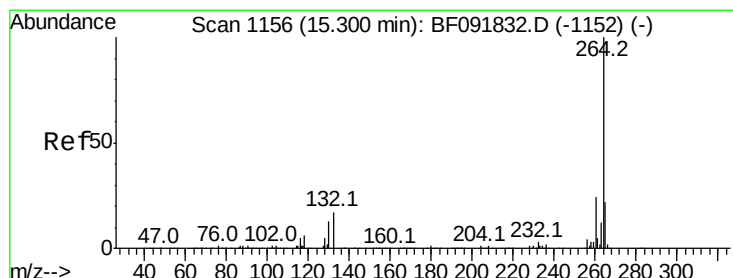
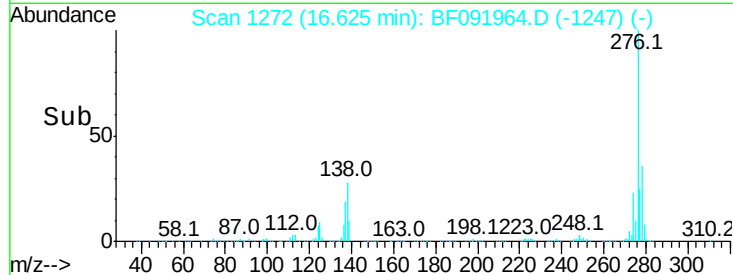
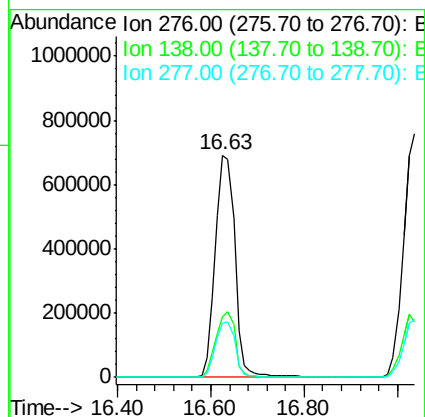
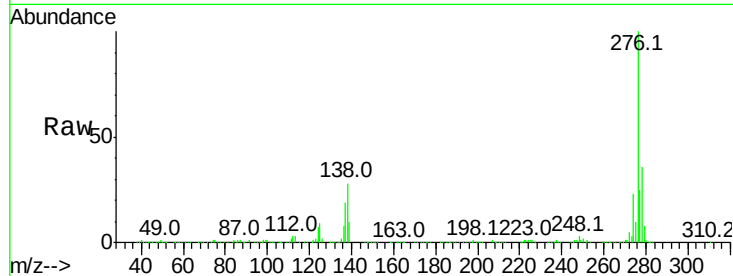




#85
Indeno(1,2,3-cd)pyrene
Concen: 51.70 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

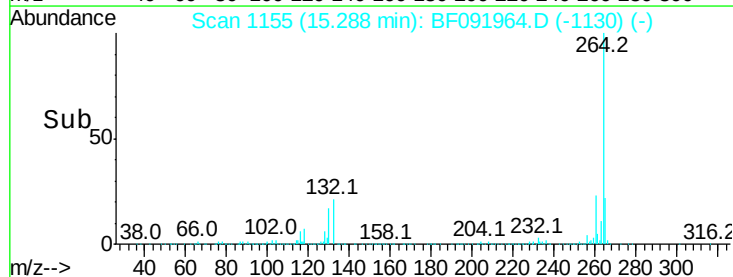
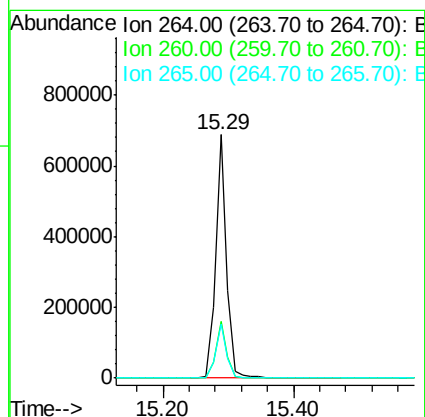
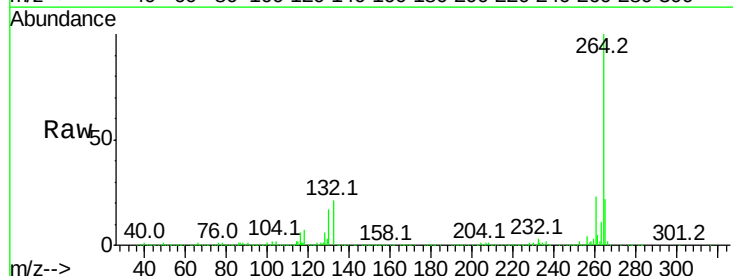
Instrument :
BNA_F
ClientSampleId :
PB95595BS

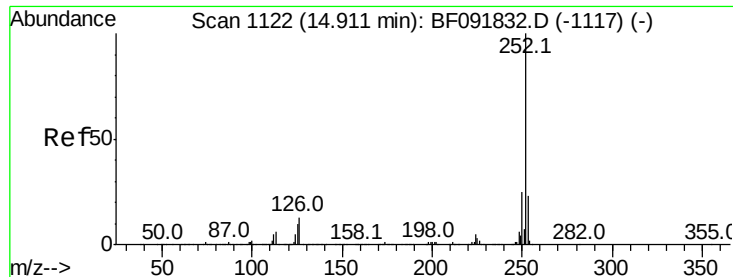
Tot Ion:276 Resp: 2030081
Ion Ratio Lower Upper
276 100
138 29.6 21.8 32.6
277 25.2 20.2 30.4



#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





#87

Benzo(b)fluoranthene

Concen: 43.26 ng m

RT: 14.90 min Scan# 1121

Delta R.T. -0.01 min

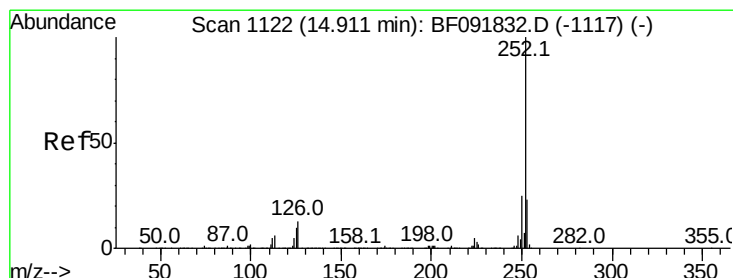
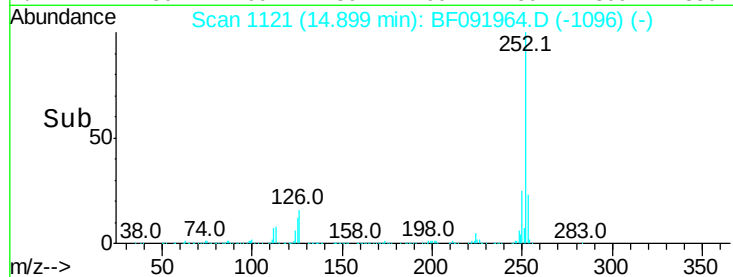
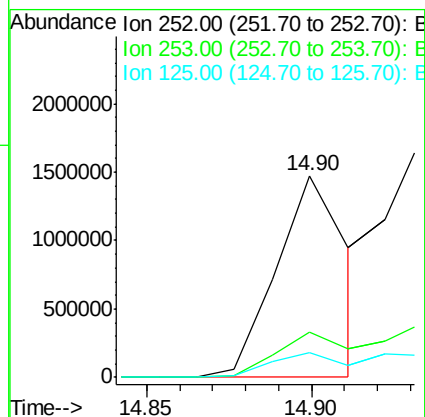
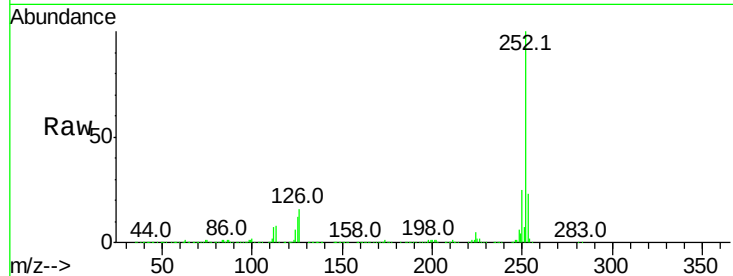
Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Instrument :
BNA_F
ClientSampleId :
PB95595BS

Tot Ion:252 Resp: 2195294

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	12.3	9.8	14.6



#88

Benzo(k)fluoranthene

Concen: 49.35 ng m

RT: 14.93 min Scan# 1124

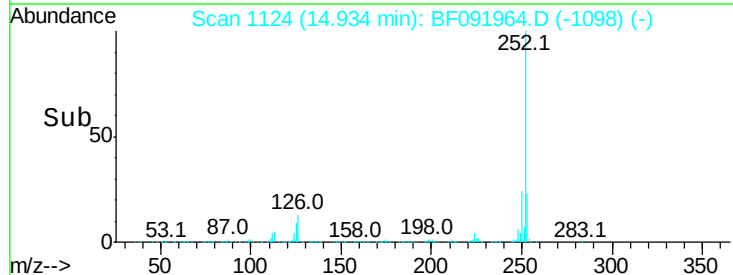
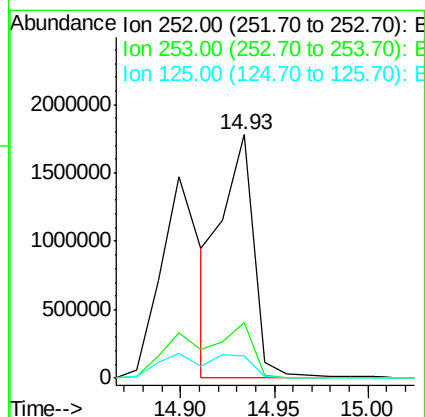
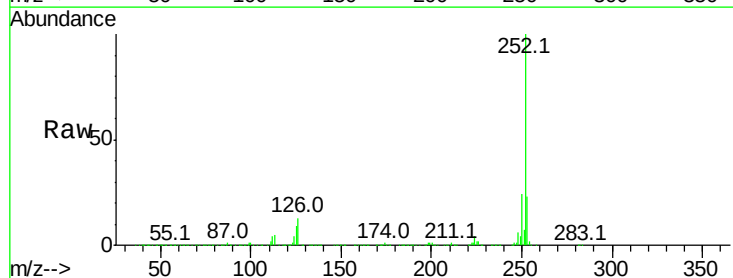
Delta R.T. -0.00 min

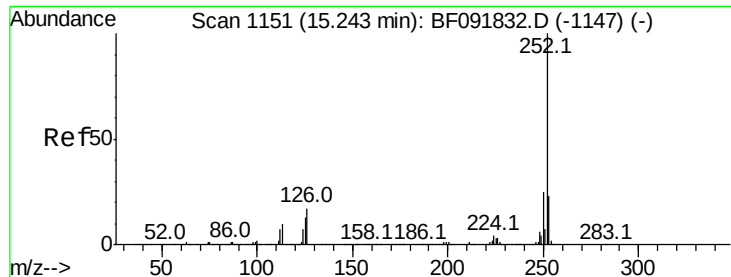
Lab File: BF091964.D

Acq: 27 Dec 2016 13:37

Tgt Ion:252 Resp: 2135132

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	9.2	8.9	13.3

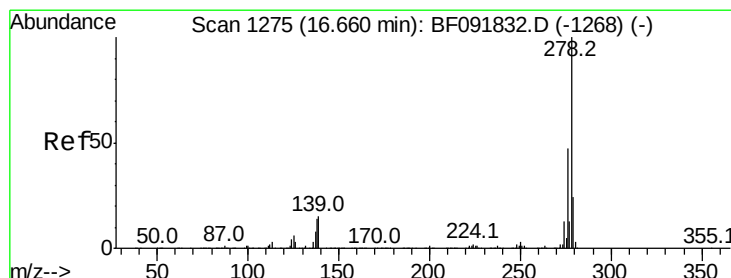
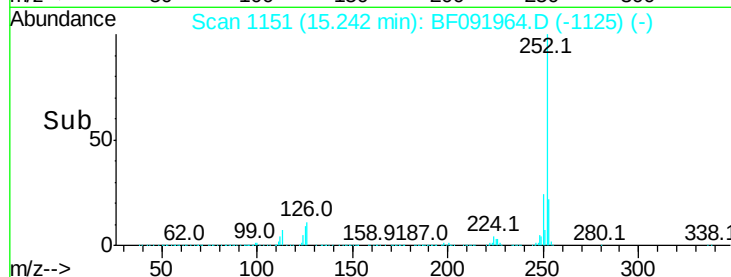
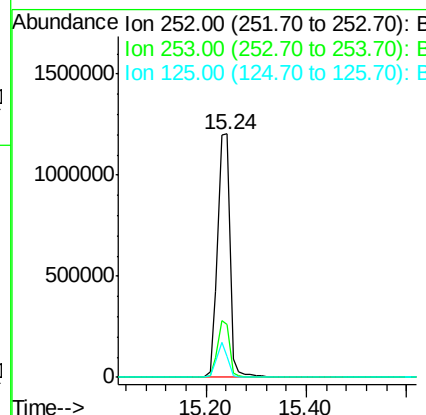
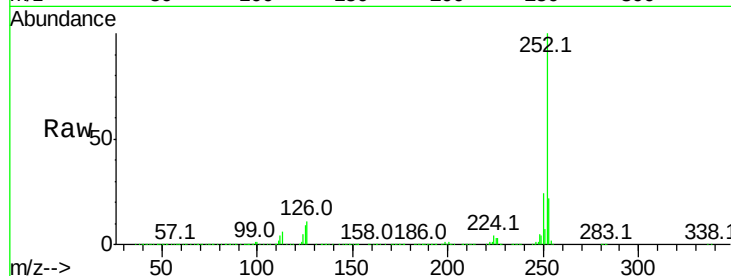




#89
Benzo(a)pyrene
Concen: 45.94 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091964.D
Acq: 27 Dec 2016 13:37

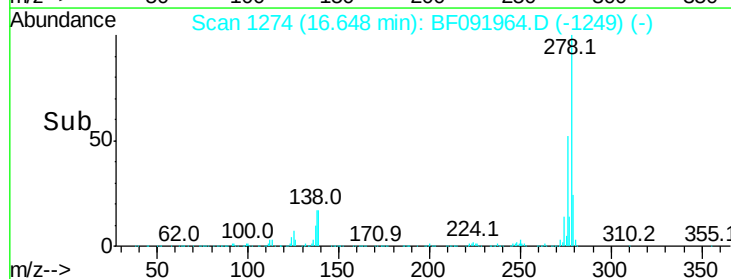
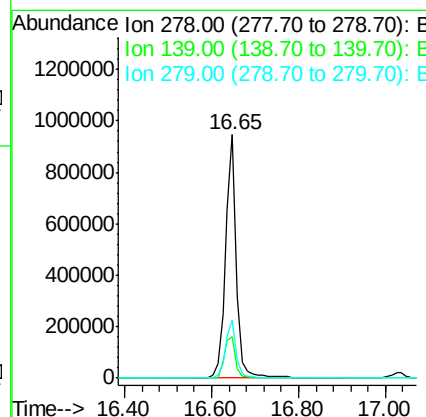
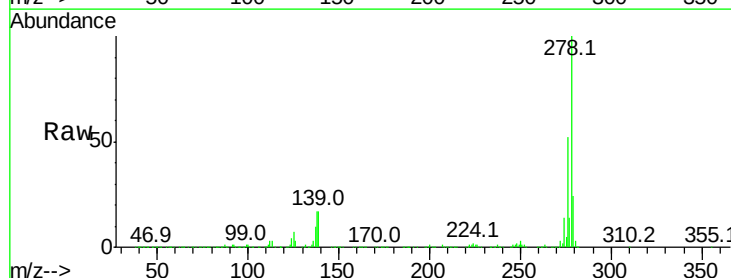
Instrument :
BNA_F
ClientSampleId :
PB95595BS

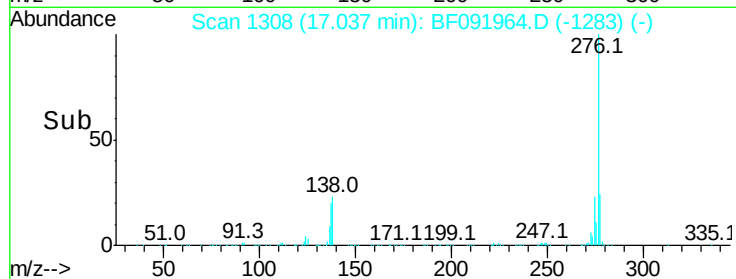
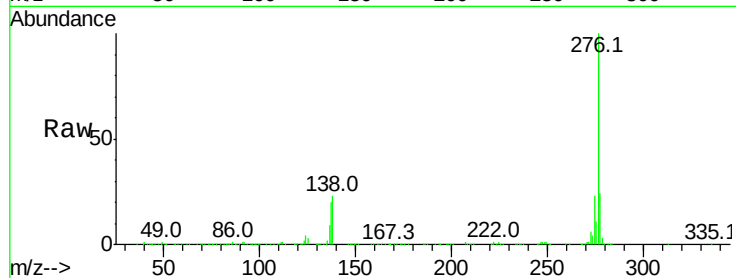
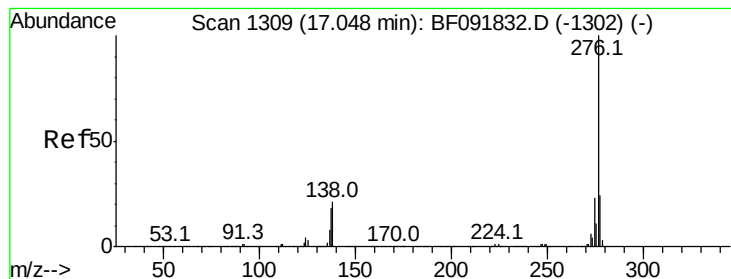
Tot Ion:252 Resp: 2068793
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 8.7 10.0 15.0#



#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





#91

Benzo(a,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

Tot Ion:276 Resp: 1744318

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 23.0 16.0 24.0

