

Data Path : Z:\HPCHEM1\BNA F\Data\BF112916\
 Data File : BF091326.D
 Acq On : 29 Nov 2016 14:48
 Operator : UM/SJ
 Sample : PB94900BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 15:22:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.870	152	191311	20.00	ng	0.00
21) Naphthalene-d8	8.150	136	769287	20.00	ng	-0.02
38) Acenaphthene-d10	9.910	164	469673	20.00	ng	0.00
63) Phenanthrene-d10	11.385	188	764444	20.00	ng	-0.02
75) Chrysene-d12	14.025	240	627614	20.00	ng	-0.02
86) Perylene-d12	15.454	264	494943	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.476	112	1210359	103.35	ng	0.00
7) Phenol-d6	6.493	99	1711823	118.75	ng	0.00
23) Nitrobenzene-d5	7.430	82	1046750	76.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.699	330	508393	114.34	ng	0.00
44) 2-Fluorobiphenyl	9.236	172	1988601	76.66	ng	0.00
78) Terphenyl-d14	12.974	244	1920862	66.52	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.572	88	170920	32.26	ng	# 87
3) Pyridine	3.281	79	505927	33.75	ng	# 83
4) n-Nitrosodimethylamine	3.235	42	311577	39.61	ng	94
6) Aniline	6.527	93	410545	21.44	ng	# 70
8) 2-Chlorophenol	6.653	128	510215	39.74	ng	94
9) Benzaldehyde	6.401	77	40185	4.33	ng	94
10) Phenol	6.516	94	562209	33.14	ng	96
11) bis(2-Chloroethyl)ether	6.607	93	502612	41.47	ng	91
12) 1,3-Dichlorobenzene	6.881	146	526677	36.87	ng	97
13) 1,4-Dichlorobenzene	6.881	146	526677	37.07	ng	98
14) 1,2-Dichlorobenzene	6.881	146	526677	39.80	ng	97
15) Benzyl Alcohol	7.007	79	452329	39.21	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.144	45	971266	37.27	ng	71
17) 2-Methylphenol	7.122	107	413791	40.77	ng	# 77
18) Hexachloroethane	7.384	117	201525	39.95	ng	96
19) n-Nitroso-di-n-propyla...	7.282	70	339492	37.38	ng	# 97
20) 3+4-Methylphenols	7.270	107	474049	38.26	ng	# 71
22) Acetophenone	7.282	105	679394	37.26	ng	96
24) Nitrobenzene	7.453	77	536925	38.20	ng	# 73
25) Isophorone	7.693	82	979845	40.29	ng	99
26) 2-Nitrophenol	7.762	139	240211	37.50	ng	100
27) 2,4-Dimethylphenol	7.807	122	491988	41.06	ng	95
28) bis(2-Chloroethoxy)met...	7.899	93	568738	38.85	ng	99
29) 2,4-Dichlorophenol	8.002	162	405388	38.46	ng	98
30) 1,2,4-Trichlorobenzene	8.093	180	461944	39.09	ng	99
31) Naphthalene	8.173	128	1393764	38.12	ng	100
32) Benzoic acid	7.933	122	354227	40.11	ng	# 83
33) 4-Chloroaniline	8.219	127	220882	14.13	ng	98
34) Hexachlorobutadiene	8.299	225	278872	38.38	ng	99
35) Caprolactam	8.585	113	94933	31.34	ng	98
36) 4-Chloro-3-methylphenol	8.699	107	445360	39.14	ng	97
37) 2-Methylnaphthalene	8.870	142	973847	39.21	ng	96
39) 1,2,4,5-Tetrachloroben...	9.030	216	410865	31.03	ng	99
40) Hexachlorocyclopentadiene	9.019	237	496918	80.97	ng	99

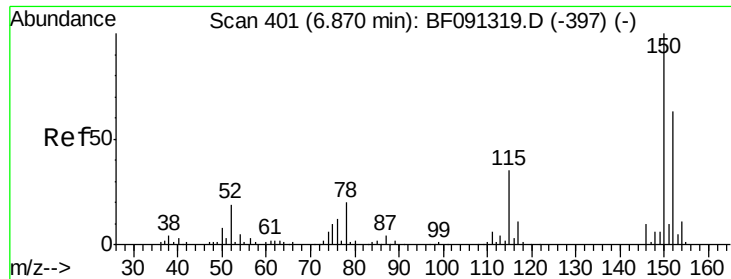
Data Path : Z:\HPCHEM1\BNA F\Data\BF112916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.145	196	359949	41.83	nq	97
43) 2,4,5-Trichlorophenol	9.179	196	286253	33.19	nq	# 88
45) 1,1'-Biphenyl	9.327	154	1092170	32.34	nq	98
46) 2-Chloronaphthalene	9.350	162	825013	32.80	nq	98
47) 2-Nitroaniline	9.442	65	297281	32.91	nq	# 75
48) Acenaphthylene	9.773	152	1391890	35.15	nq	99
49) Dimethylphthalate	9.636	163	1104761	38.85	nq	98
50) 2,6-Dinitrotoluene	9.693	165	265370	41.75	nq	# 68
51) Acenaphthene	9.945	154	1050089	39.32	nq	94
52) 3-Nitroaniline	9.853	138	136695	18.58	nq	93
53) 2,4-Dinitrophenol	9.967	184	266083	95.72	nq	# 70
54) Dibenzofuran	10.116	168	1364970	38.17	nq	92
55) 4-Nitrophenol	10.013	139	430188	80.95	nq	98
56) 2,4-Dinitrotoluene	10.093	165	348846	42.31	nq	# 76
57) Fluorene	10.459	166	1014924	36.97	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.230	232	294906	40.05	nq	95
59) Diethylphthalate	10.333	149	1015255	36.17	nq	96
60) 4-Chlorophenyl-phenyle...	10.448	204	456692	33.17	nq	# 88
61) 4-Nitroaniline	10.470	138	229638	33.24	nq	92
62) Azobenzene	10.608	77	1143243	39.91	nq	91
64) 4,6-Dinitro-2-methylph...	10.493	198	170007	40.37	nq	92
65) n-Nitrosodiphenylamine	10.562	169	871587	37.61	nq	99
66) 4-Bromophenyl-phenylether	10.939	248	331482	40.34	nq	# 83
67) Hexachlorobenzene	10.996	284	326324	36.75	nq	# 71
68) Atrazine	11.099	200	314591	41.91	nq	91
69) Pentachlorophenol	11.190	266	382784	73.23	nq	95
70) Phenanthrene	11.408	178	1491471	37.55	nq	99
71) Anthracene	11.465	178	1536412	38.97	nq	99
72) Carbazole	11.613	167	1266860	35.41	nq	99
73) Di-n-butylphthalate	11.956	149	1664238	41.05	nq	100
74) Fluoranthene	12.596	202	1551648	41.24	nq	99
76) Benzidine	12.711	184	320245	17.38	nq	99
77) Pyrene	12.825	202	1620706	34.03	nq	99
79) Butylbenzylphthalate	13.454	149	710304	39.83	nq	# 83
80) Benzo(a)anthracene	14.014	228	1284795	35.00	nq	99
81) 3,3'-Dichlorobenzidine	13.968	252	265039	20.50	nq	# 95
82) Chrysene	14.048	228	1280507	35.26	nq	99
83) Bis(2-ethylhexyl)phtha...	14.014	149	874361	38.68	nq	# 93
84) Di-n-octyl phthalate	14.619	149	1389322	40.61	nq	97
85) Indeno(1,2,3-cd)pyrene	16.860	276	1109381	33.36	nq	96
87) Benzo(b)fluoranthene	15.042	252	1212485	39.41	nq	# 96
88) Benzo(k)fluoranthene	15.042	252	1212485	46.87	nq	# 95
89) Benzo(a)pyrene	15.397	252	1049361	37.98	nq	# 93
90) Dibenzo(a,h)anthracene	16.871	278	933665	36.54	nq	# 96
91) Benzo(g,h,i)perylene	17.283	276	956075	36.29	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.870 min Scan# 40

Delta R.T. -0.006 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

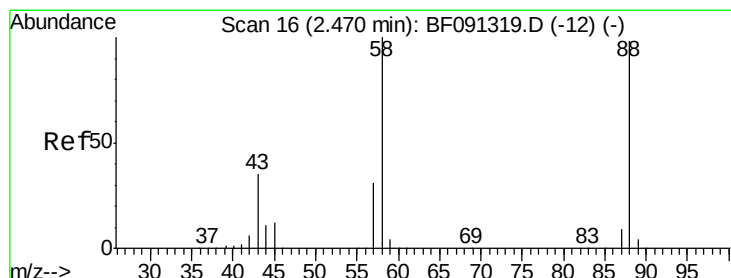
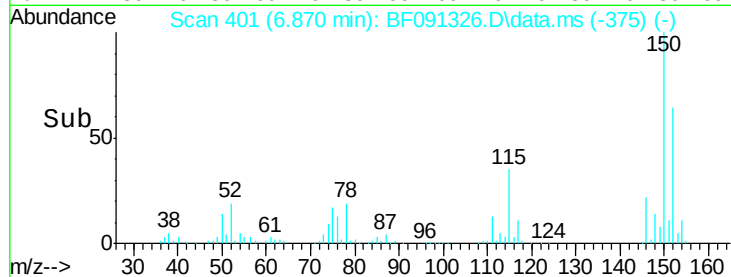
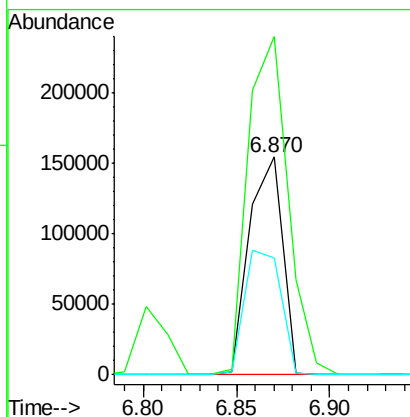
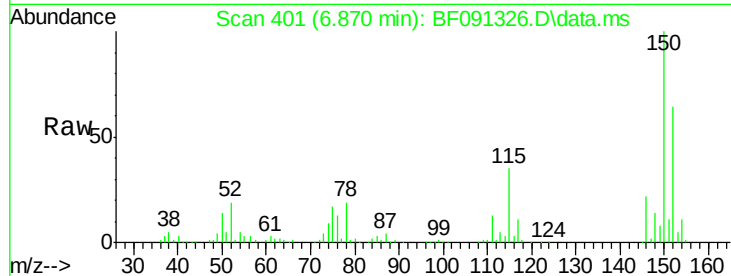
Tot Ion:152 Resp: 191311

Ion Ratio Lower Upper

152 100

150 155.5 122.5 183.7

115 53.8 51.8 77.8



#2

1,4-Dioxane

Concen: 32.26 ng

RT: 2.572 min Scan# 25

Delta R.T. 0.074 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

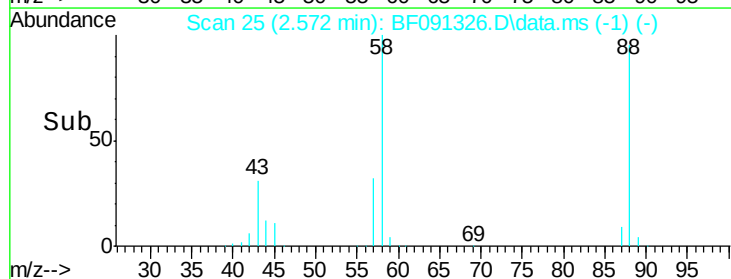
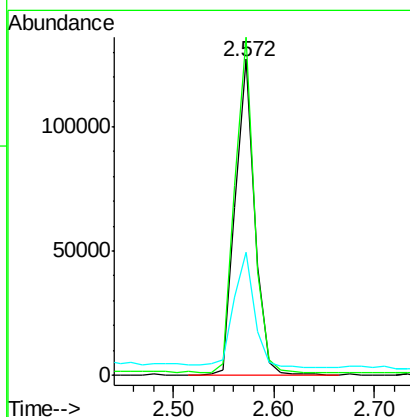
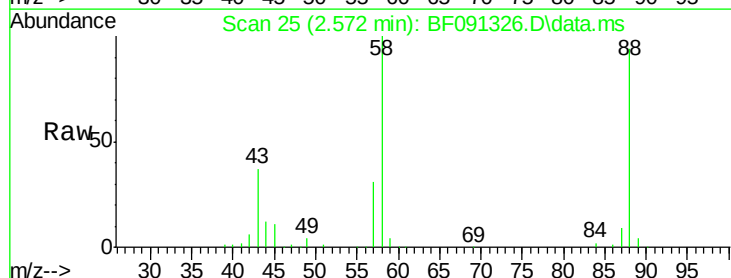
Tgt Ion: 88 Resp: 170920

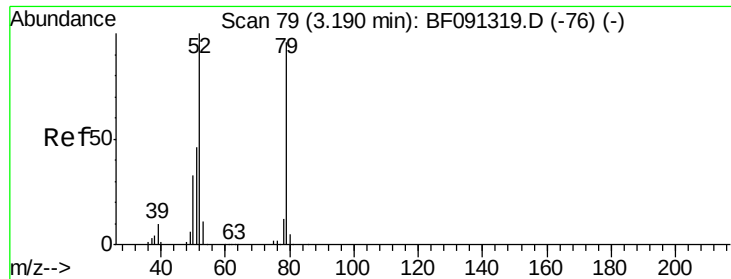
Ion Ratio Lower Upper

88 100

58 105.5 70.3 105.5#

43 39.7 31.3 46.9





#3

Pvridine

Concen: 33.75 ng

RT: 3.281 min Scan# 87

Delta R.T. 0.063 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

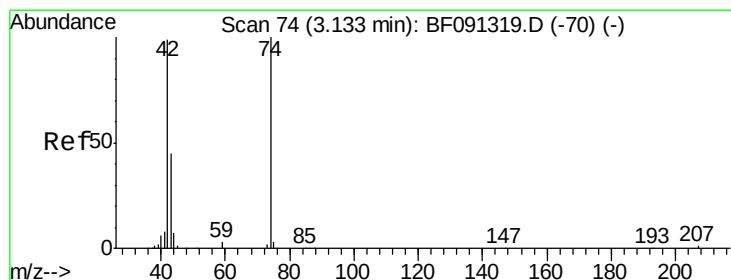
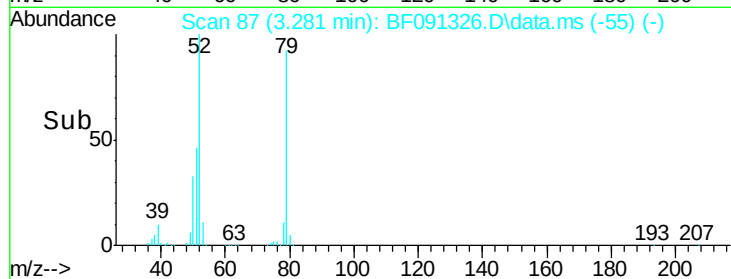
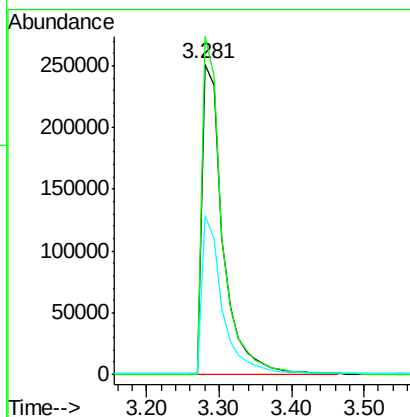
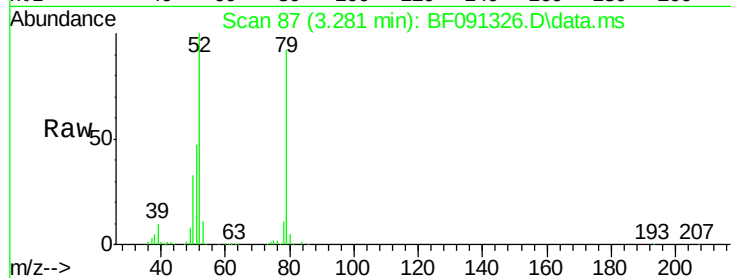
Tot Ion: 79 Resp: 505927

Ion Ratio Lower Upper

79 100

52 109.0 71.0 106.4#

51 51.1 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 39.61 ng

RT: 3.235 min Scan# 83

Delta R.T. 0.063 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

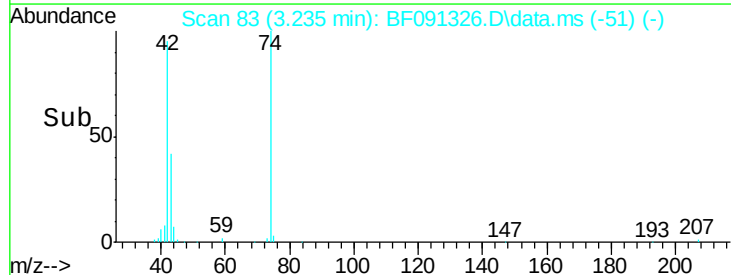
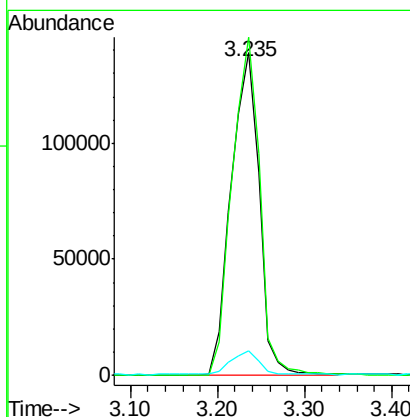
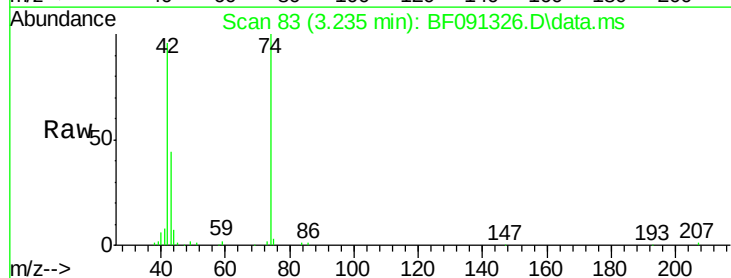
Tgt Ion: 42 Resp: 311577

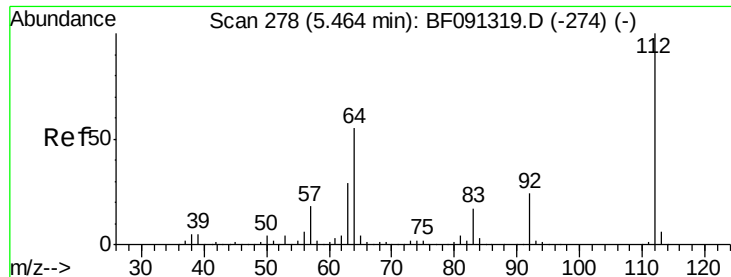
Ion Ratio Lower Upper

42 100

74 104.6 78.9 118.3

44 7.7 5.8 8.6





#5

2-Fluorophenol

Concen: 103.35 ng

RT: 5.476 min Scan# 27

Delta R.T. 0.007 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

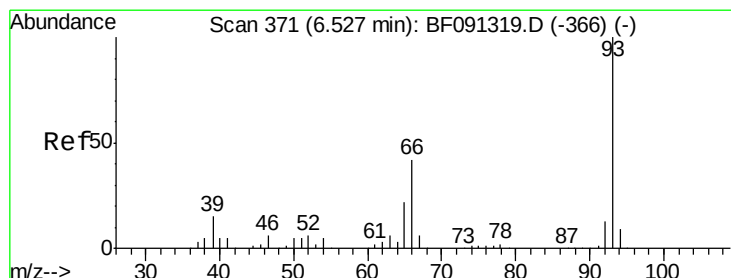
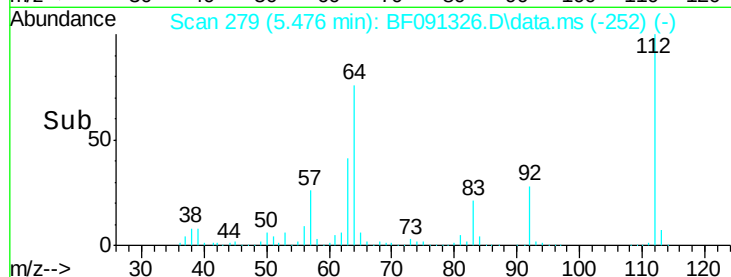
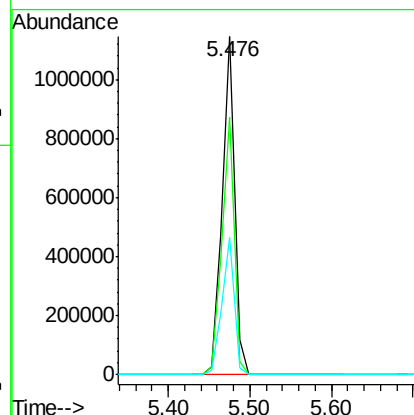
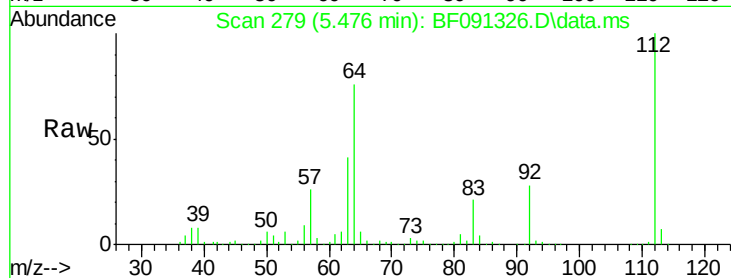
Tot Ion:112 Resp: 1210359

Ion Ratio Lower Upper

112 100

64 76.2 61.5 92.3

63 40.6 33.3 49.9



#6

Aniline

Concen: 21.44 ng

RT: 6.527 min Scan# 371

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

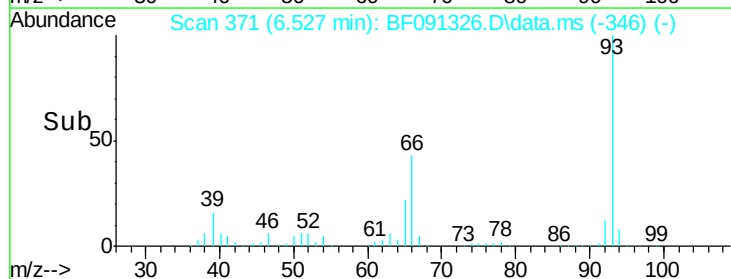
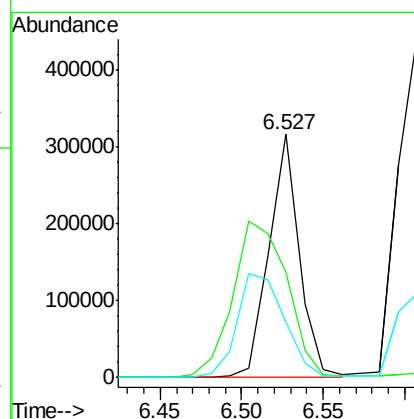
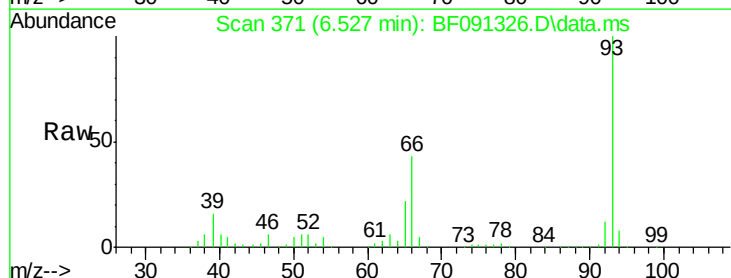
Tgt Ion: 93 Resp: 410545

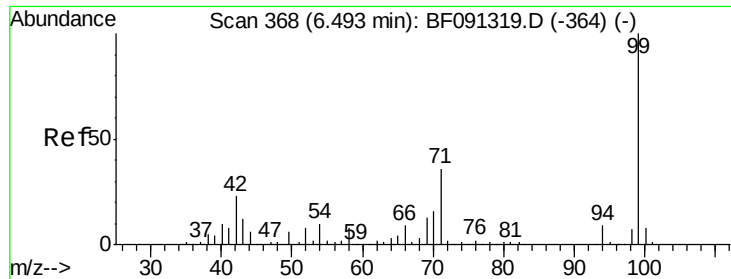
Ion Ratio Lower Upper

93 100

66 43.3 55.8 83.6#

65 22.5 29.9 44.9#





#7

Phenol-d6

Concen: 118.75 ng

RT: 6.493 min Scan# 368

Delta R.T. -0.006 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

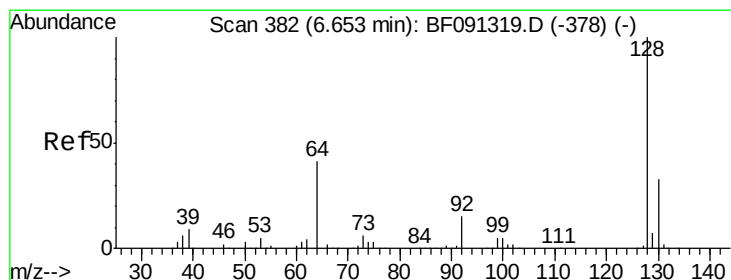
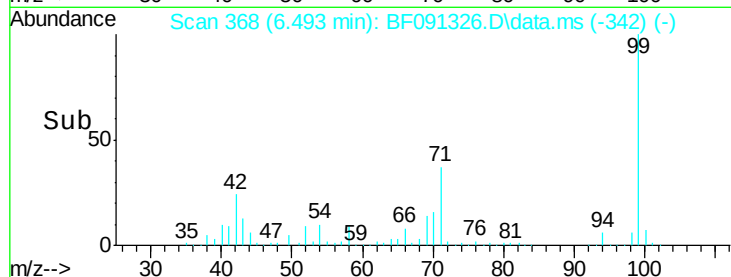
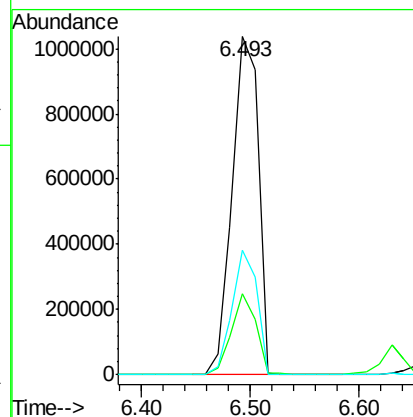
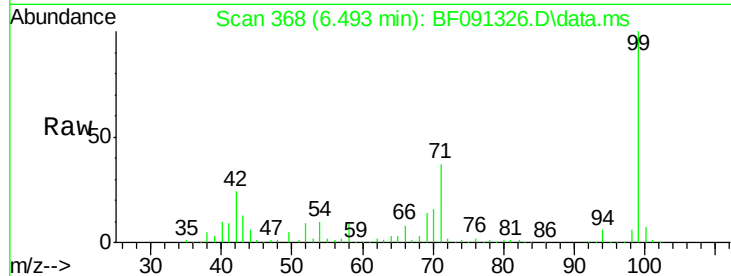
Tot Ion: 99 Resp: 1711823

Ion Ratio Lower Upper

99 100

42 23.9 20.6 31.0

71 36.7 29.9 44.9



#8

2-Chlorophenol

Concen: 39.74 ng

RT: 6.653 min Scan# 382

Delta R.T. -0.006 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

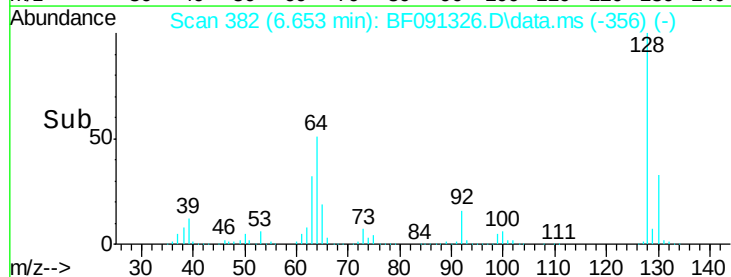
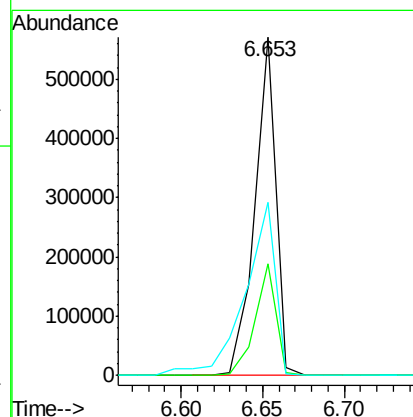
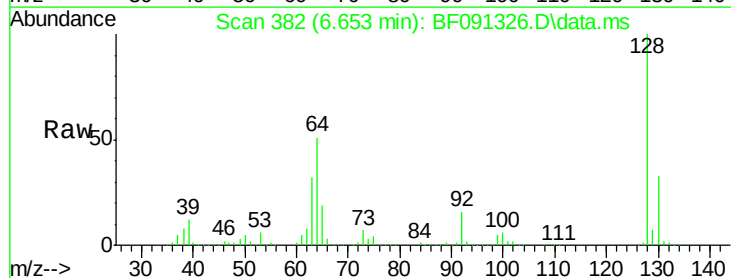
Tgt Ion: 128 Resp: 510215

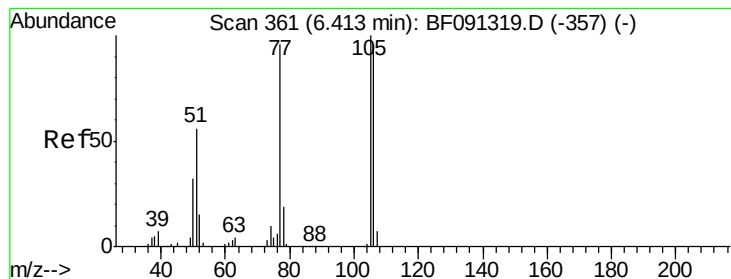
Ion Ratio Lower Upper

128 100

130 33.1 13.1 53.1

64 51.2 24.1 64.1





#9

Benzaldehyde

Concen: 4.33 ng

RT: 6.401 min Scan# 361

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

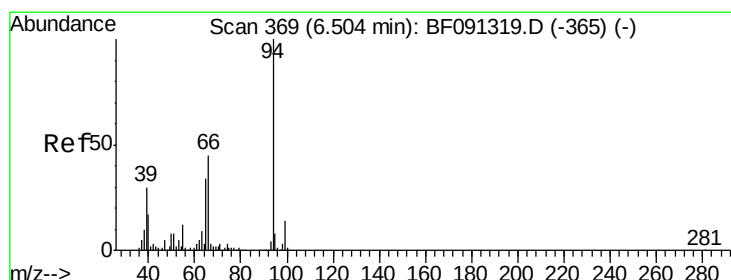
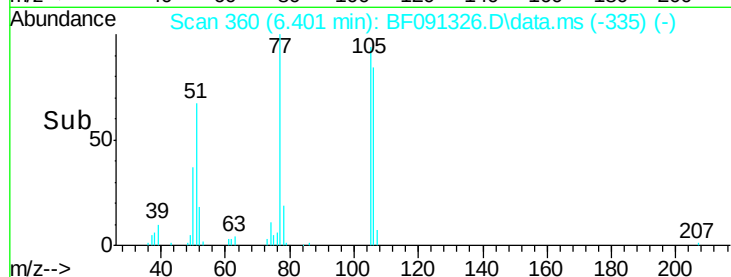
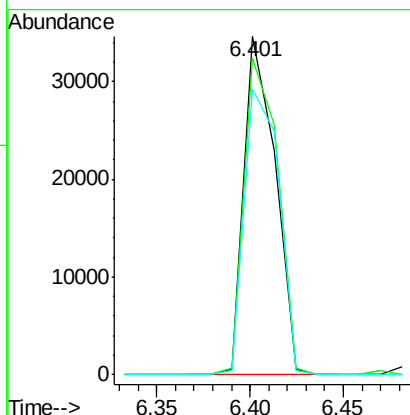
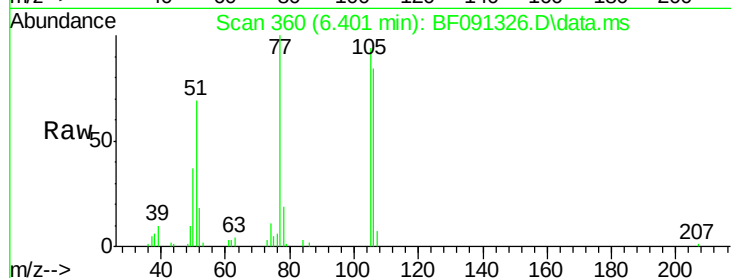
Tot Ion: 77 Resp: 40185

Ion Ratio Lower Upper

77 100

105 93.6 66.4 106.4

106 84.4 60.9 100.9



#10

Phenol

Concen: 33.14 ng

RT: 6.516 min Scan# 370

Delta R.T. -0.006 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

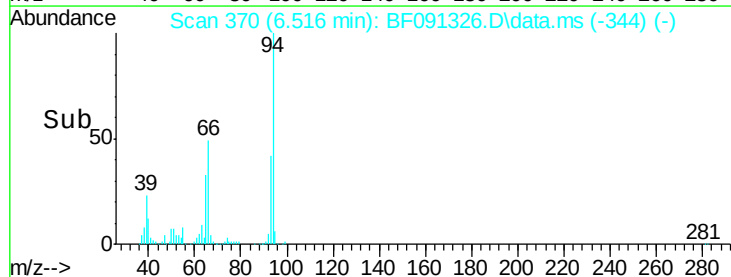
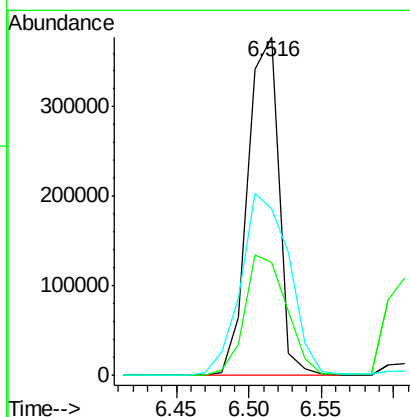
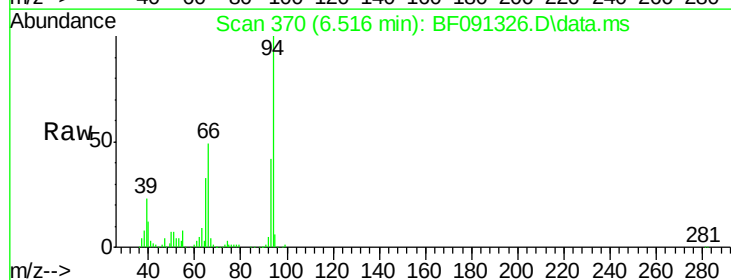
Tgt Ion: 94 Resp: 562209

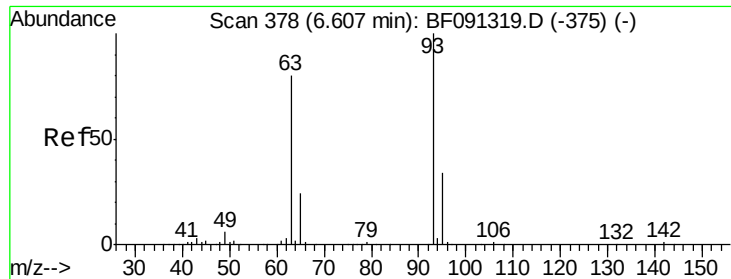
Ion Ratio Lower Upper

94 100

65 33.5 16.9 56.9

66 49.2 30.6 70.6

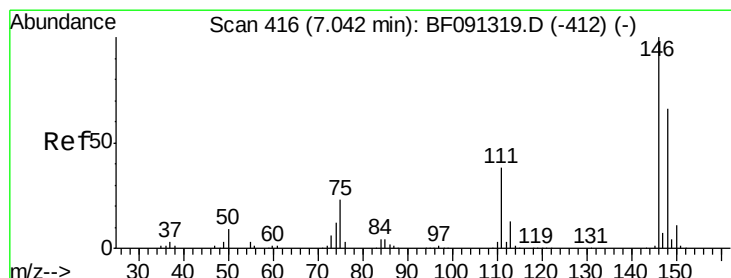
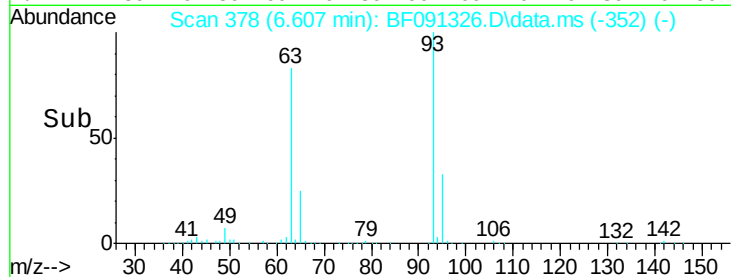
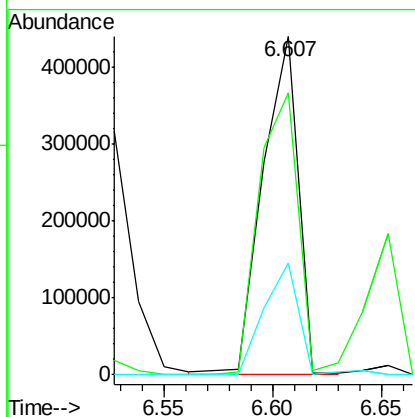
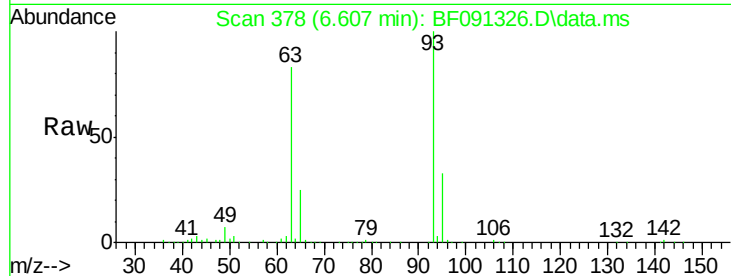




#11
bis(2-Chloroethyl)ether
Concen: 41.47 ng
RT: 6.607 min Scan# 37
Delta R.T. -0.006 min
Lab File: BF091326.D
Acq: 29 Nov 2016 14:48

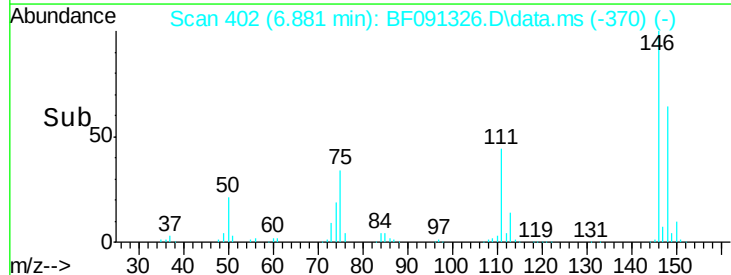
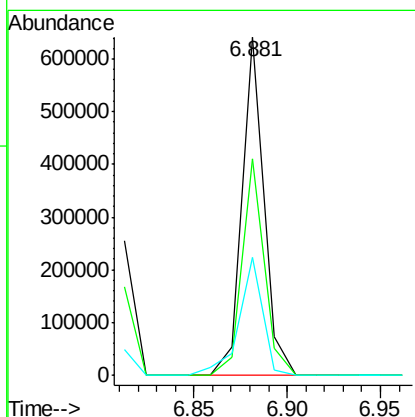
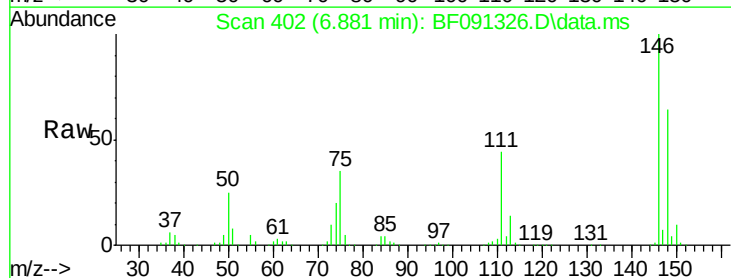
Instrument :
BNA_F
ClientSampleId :

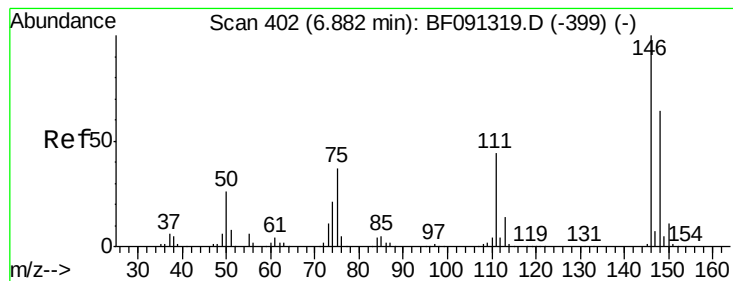
Tot Ion: 93 Resp: 502612
Ion Ratio Lower Upper
93 100
63 83.4 74.8 114.8
95 32.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 36.87 ng
RT: 6.881 min Scan# 402
Delta R.T. 0.063 min
Lab File: BF091326.D
Acq: 29 Nov 2016 14:48

Tgt Ion: 146 Resp: 526677
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.0
75 34.7 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 37.07 ng

RT: 6.881 min Scan# 40

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

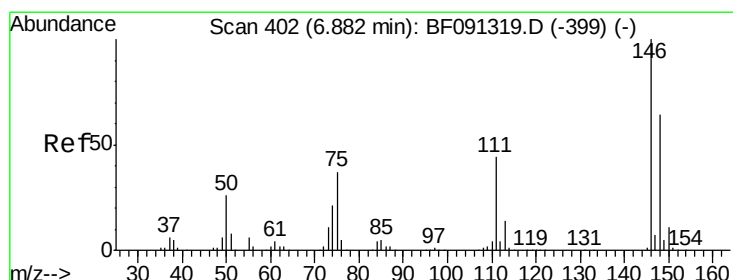
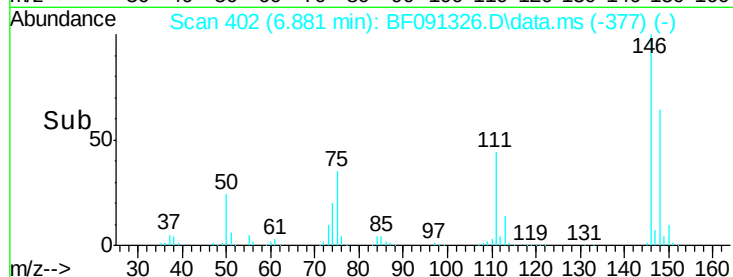
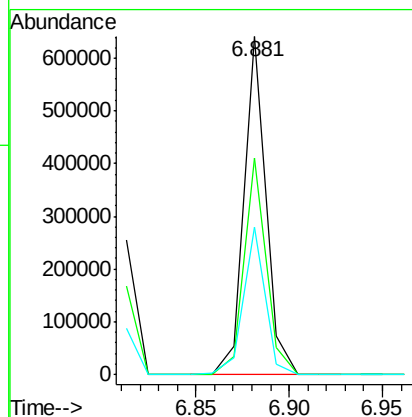
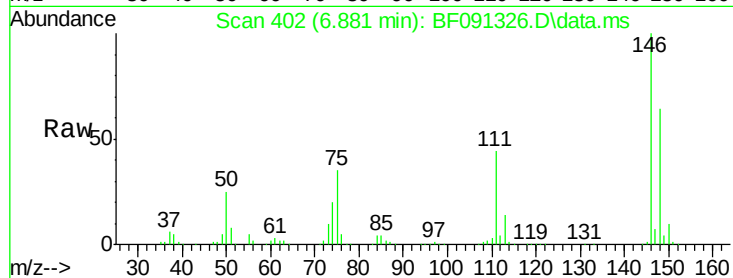
Tot Ion:146 Resp: 526677

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

111 43.6 32.2 48.2



#14

1,2-Dichlorobenzene

Concen: 39.80 ng

RT: 6.881 min Scan# 402

Delta R.T. -0.166 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

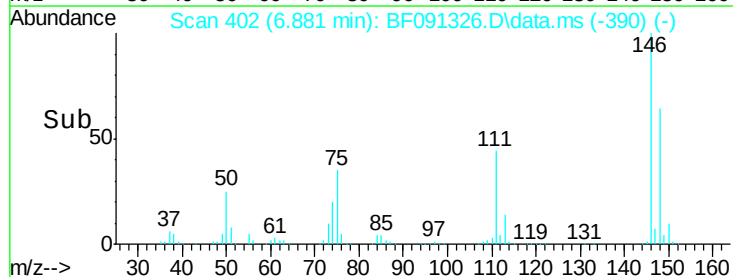
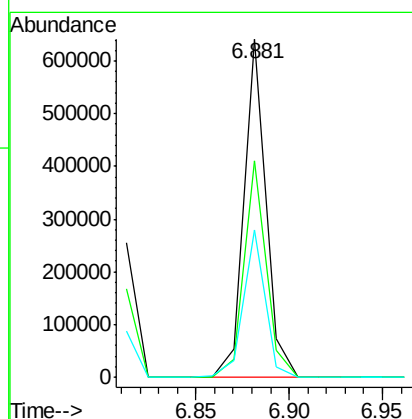
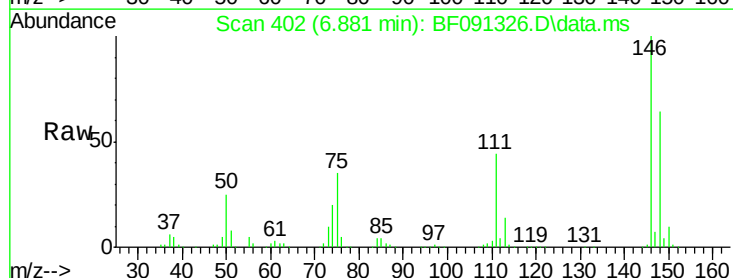
Tgt Ion:146 Resp: 526677

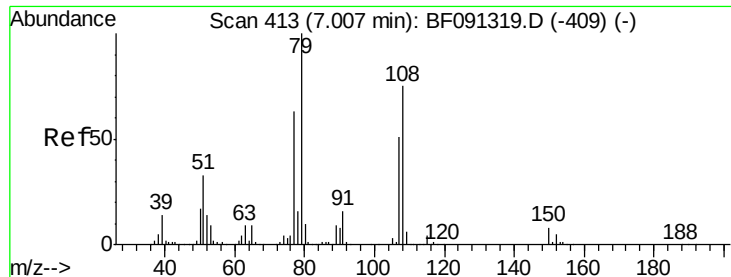
Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.6

111 43.6 38.9 58.3





#15

Benzyl Alcohol

Concen: 39.21 ng

RT: 7.007 min Scan# 413

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

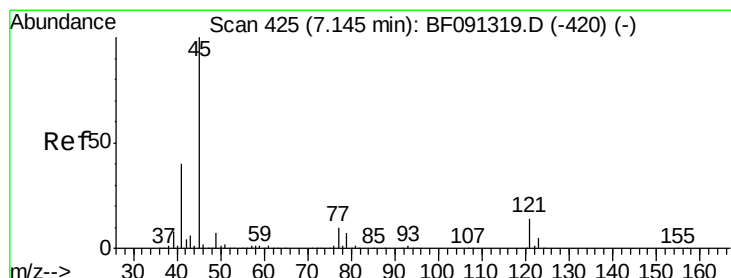
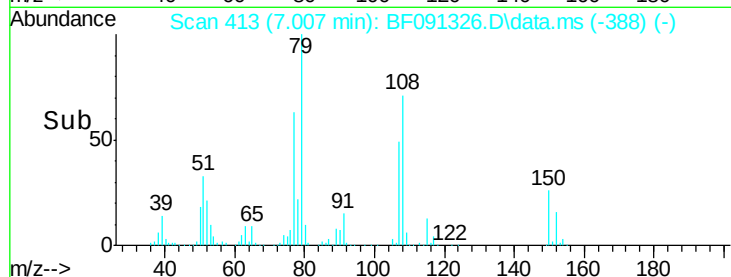
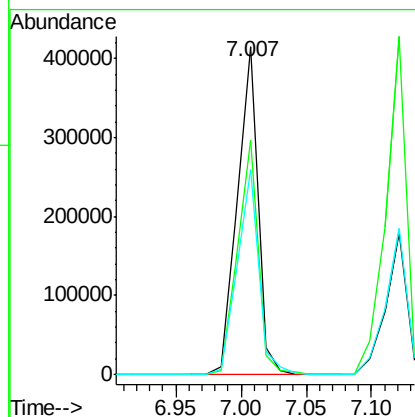
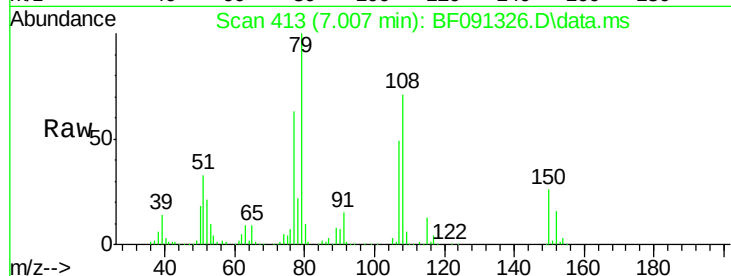
Tot Ion: 79 Resp: 452329

Ion Ratio Lower Upper

79 100

108 71.5 62.7 94.1

77 62.6 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.27 ng

RT: 7.144 min Scan# 425

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

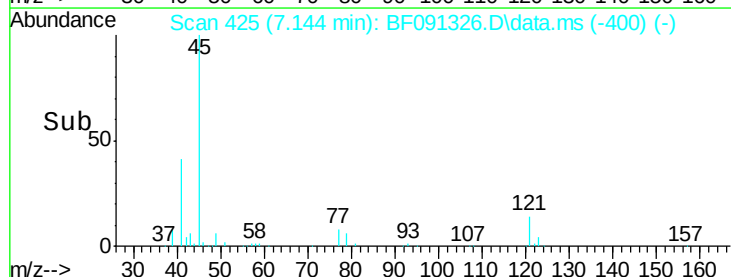
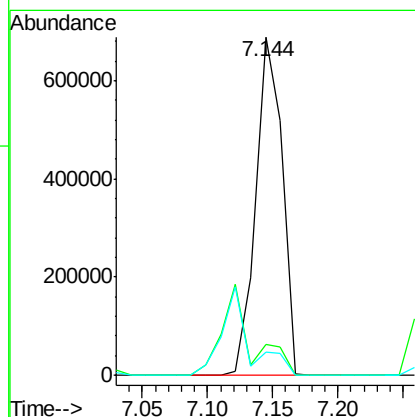
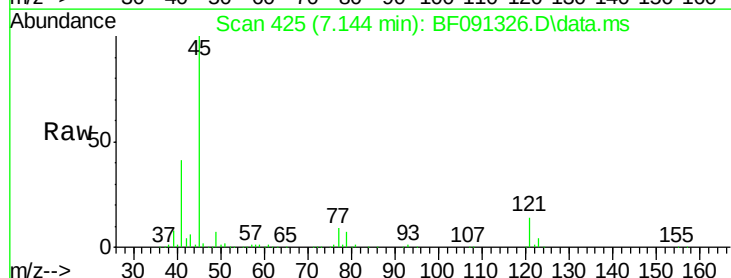
Tgt Ion: 45 Resp: 971266

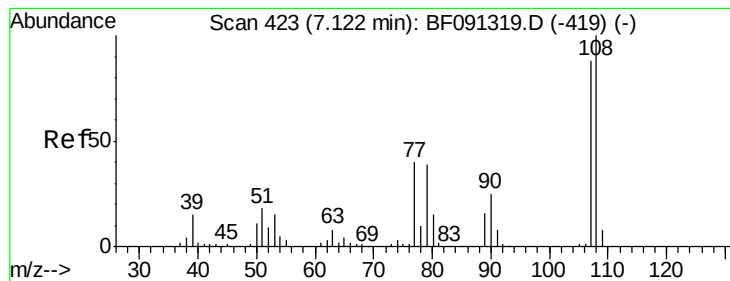
Ion Ratio Lower Upper

45 100

77 9.2 3.8 43.8

79 7.0 0.2 40.2





#17

2-Methylphenol

Concen: 40.77 ng

RT: 7.122 min Scan# 42

Delta R.T. -0.006 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 413791

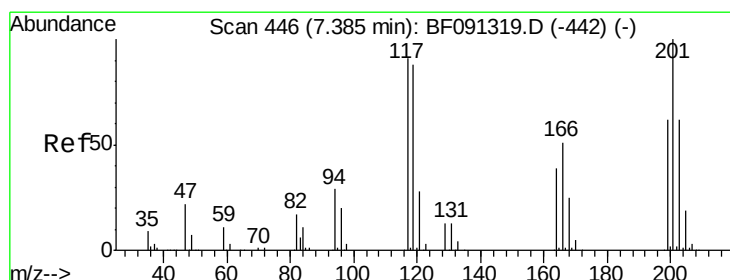
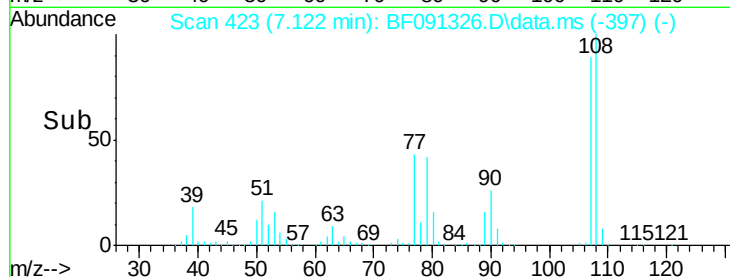
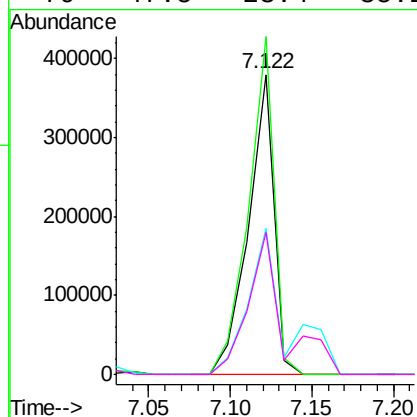
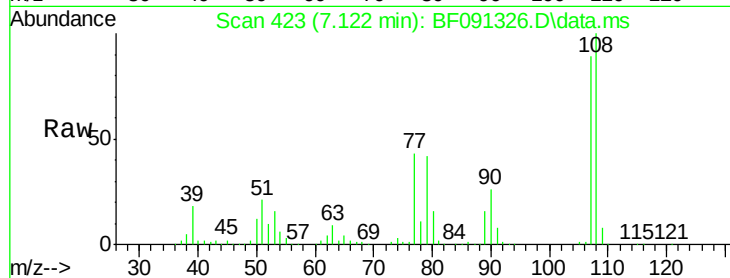
Ion Ratio Lower Upper

107 100

108 112.8 67.7 101.5#

77 48.9 40.7 61.1

79 47.5 23.4 35.2#



#18

Hexachloroethane

Concen: 39.95 ng

RT: 7.384 min Scan# 446

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

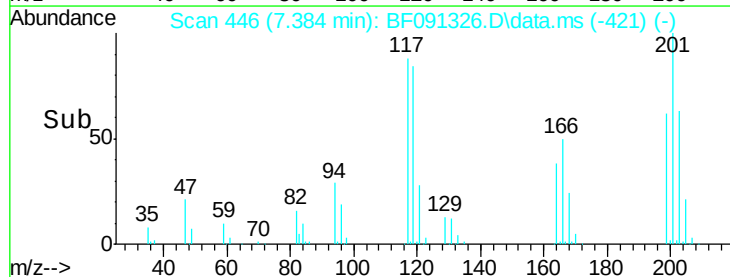
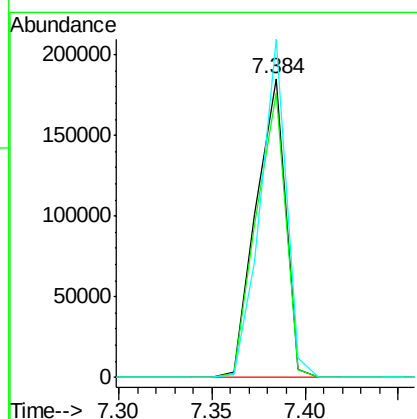
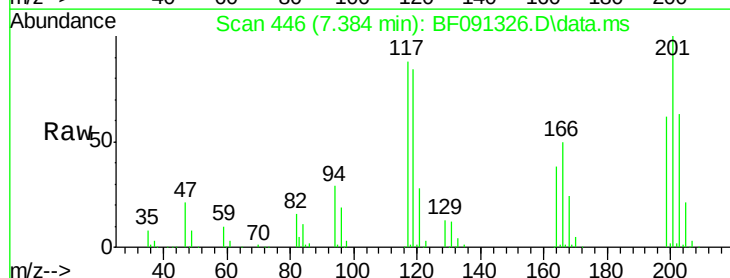
Tgt Ion:117 Resp: 201525

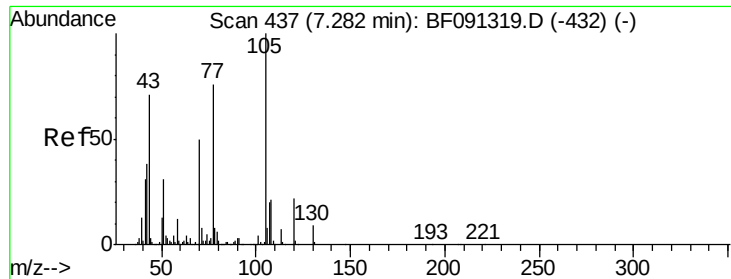
Ion Ratio Lower Upper

117 100

119 95.1 78.6 118.0

201 113.2 86.7 130.1

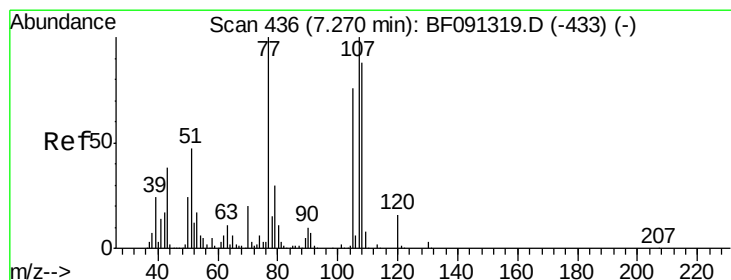
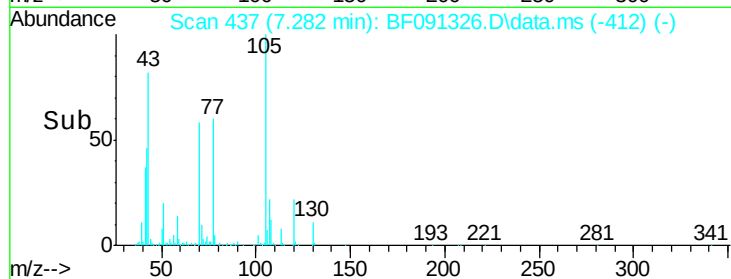
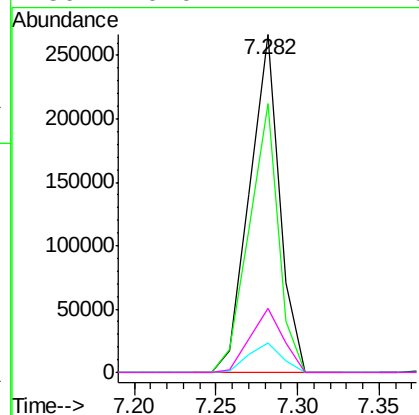
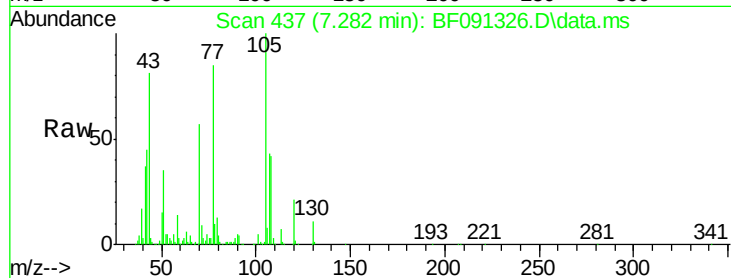




#19
n-Nitroso-di-n-propylamine
Concen: 37.38 ng
RT: 7.282 min Scan# 437
Delta R.T. -0.017 min
Lab File: BF091326.D
Acq: 29 Nov 2016 14:48

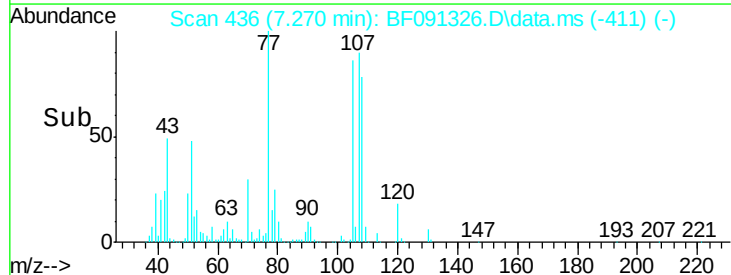
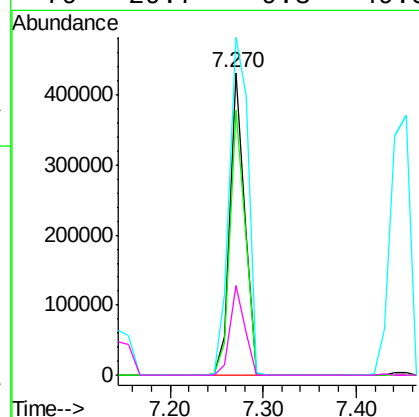
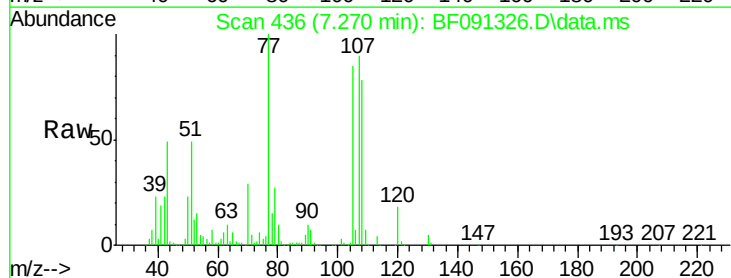
Instrument :
BNA_F
ClientSampleId :

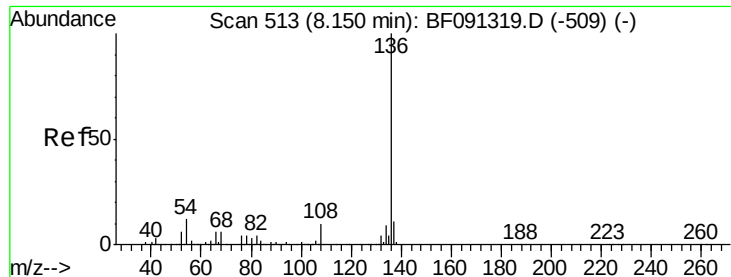
Tot Ion	Ratio	Lower	Upper
70	100		
42	79.4	64.8	97.2
101	8.9	6.2	9.4
130	19.0	11.7	17.5



#20
3+4-Methylphenols
Concen: 38.26 ng
RT: 7.270 min Scan# 436
Delta R.T. -0.017 min
Lab File: BF091326.D
Acq: 29 Nov 2016 14:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	64.6	104.6
77	111.6	30.9	70.9
79	29.7	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.150 min Scan# 51

Delta R.T. -0.017 min

Lab File: BF091326.D

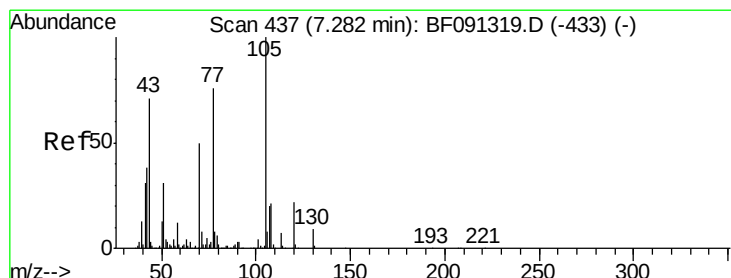
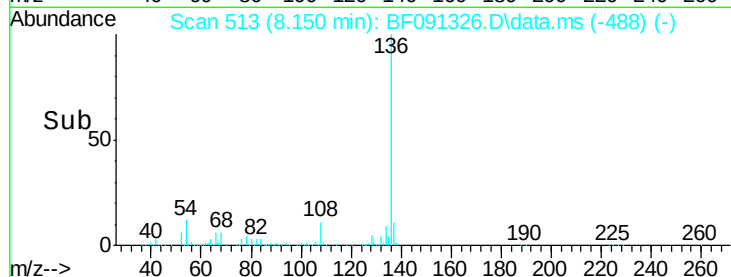
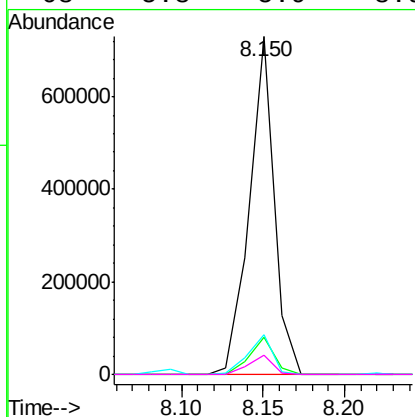
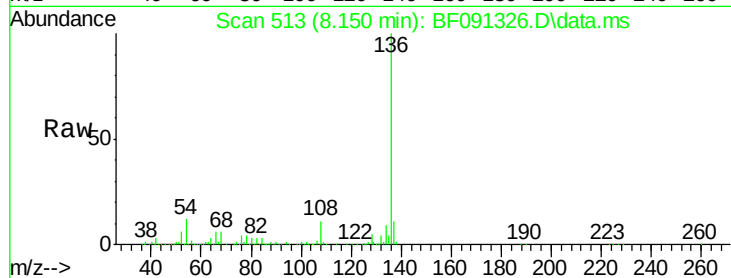
Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	769287
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	11.9	9.1	13.7
68	5.8	5.9	8.9#



#22

Acetophenone

Concen: 37.26 ng

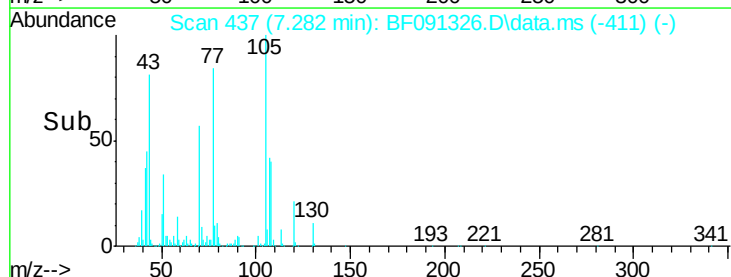
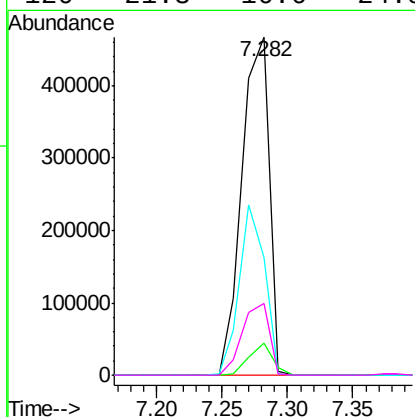
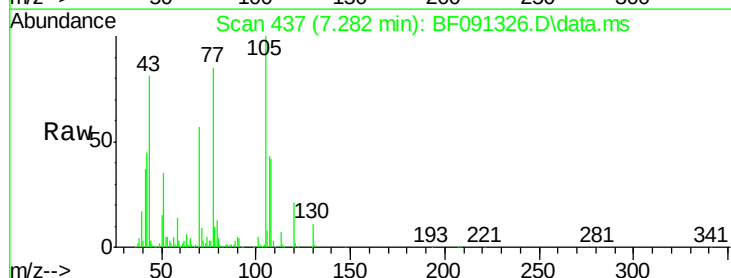
RT: 7.282 min Scan# 437

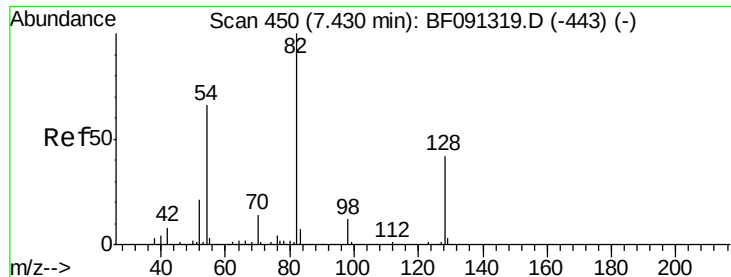
Delta R.T. -0.006 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Tgt Ion:	105	Resp:	679394
Ion Ratio	Lower	Upper	
105	100		
71	9.4	7.9	11.9
51	34.7	24.5	36.7
120	21.3	16.6	24.8





#23

Nitrobenzene-d5

Concen: 76.25 ng

RT: 7.430 min Scan# 450

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

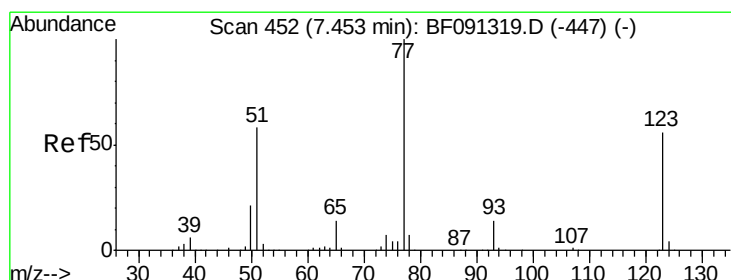
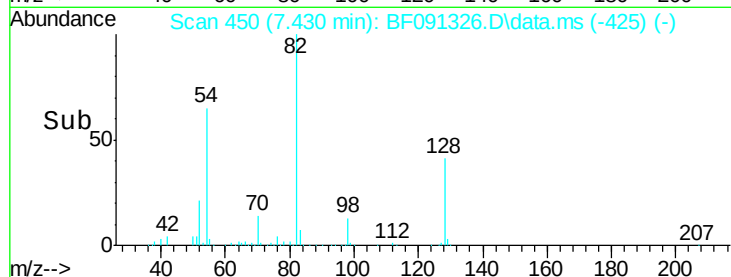
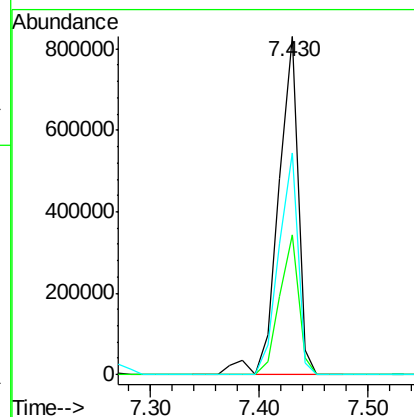
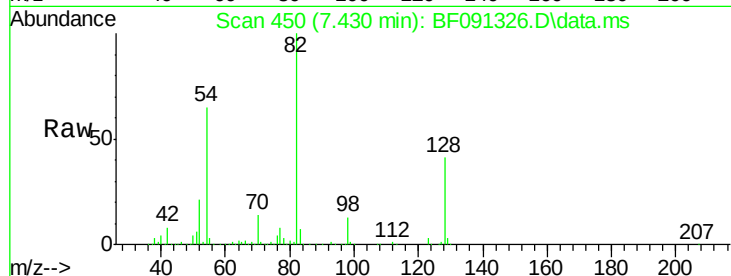
Tot Ion: 82 Resp: 1046750

Ion Ratio Lower Upper

82 100

128 41.5 31.8 47.6

54 65.4 49.1 73.7



#24

Nitrobenzene

Concen: 38.20 ng

RT: 7.453 min Scan# 452

Delta R.T. -0.006 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

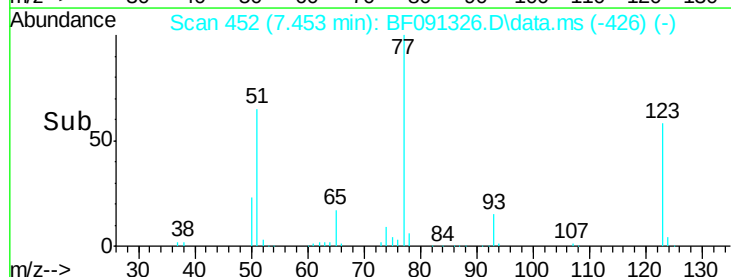
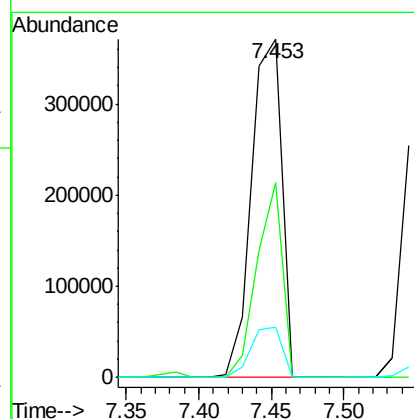
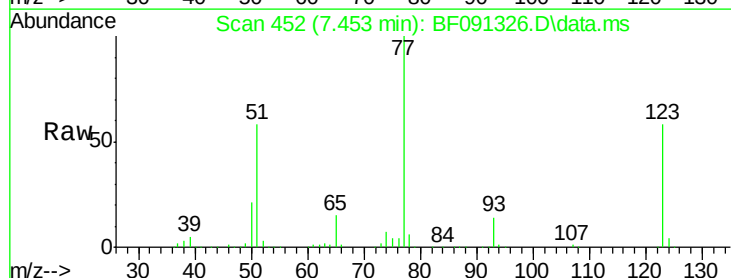
Tgt Ion: 77 Resp: 536925

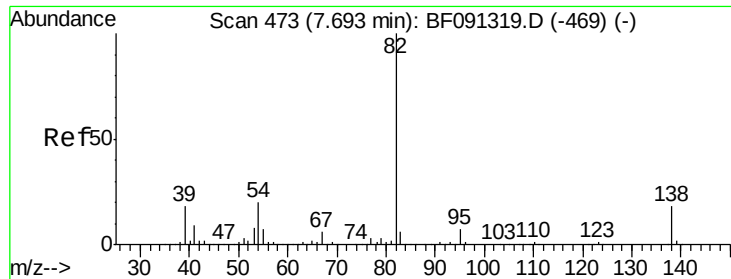
Ion Ratio Lower Upper

77 100

123 57.6 28.5 42.7#

65 14.8 12.5 18.7





#25

Isophorone

Concen: 40.29 ng

RT: 7.693 min Scan# 47

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

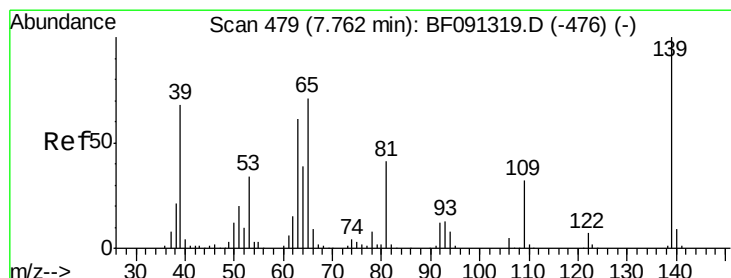
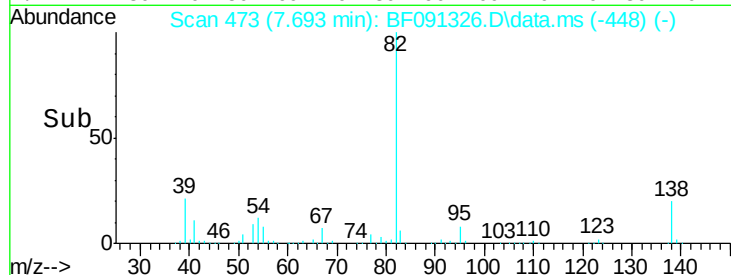
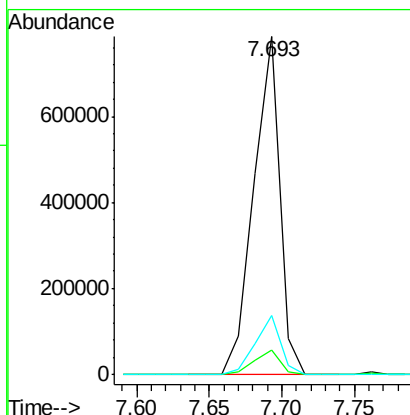
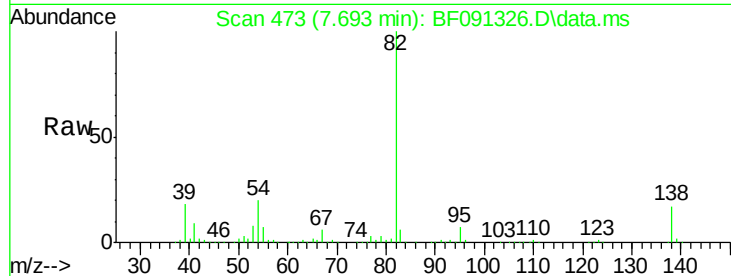
Tot Ion: 82 Resp: 979845

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

138 17.4 13.4 20.0



#26

2-Nitrophenol

Concen: 37.50 ng

RT: 7.762 min Scan# 479

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

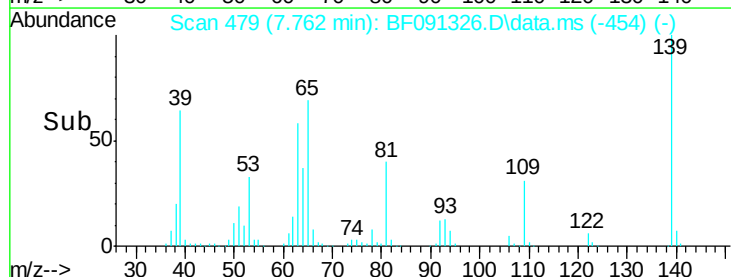
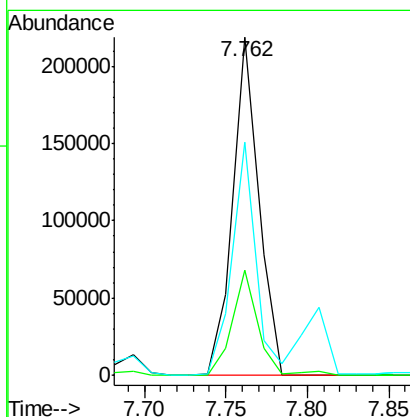
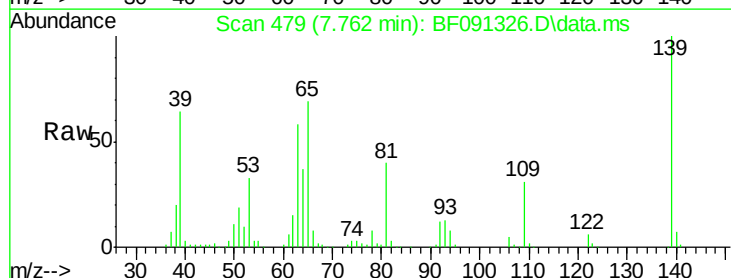
Tgt Ion: 139 Resp: 240211

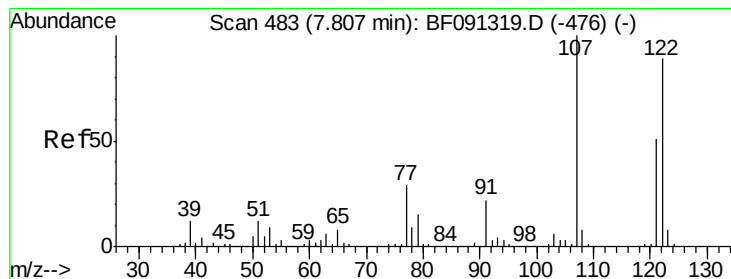
Ion Ratio Lower Upper

139 100

109 31.0 25.3 37.9

65 69.1 55.4 83.2





#27

2,4-Dimethylphenol

Concen: 41.06 ng

RT: 7.807 min Scan# 483

Delta R.T. -0.006 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

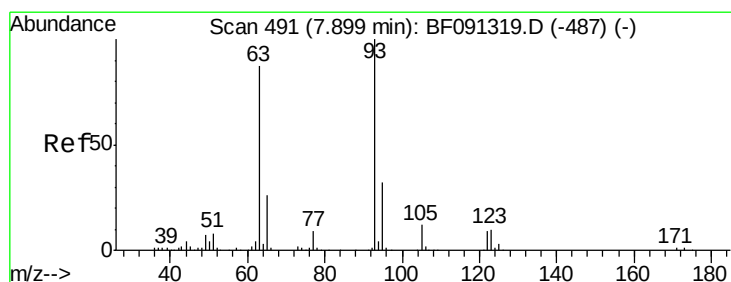
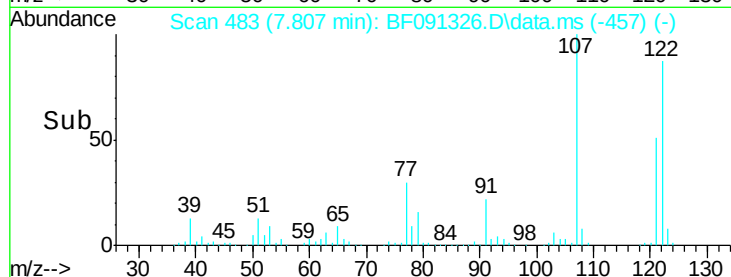
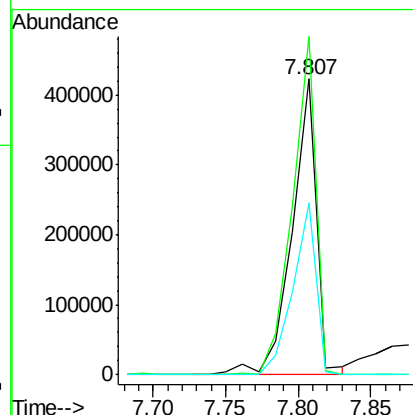
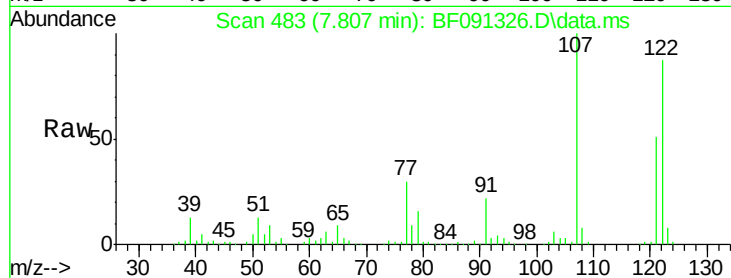
Tot Ion:122 Resp: 491988

Ion Ratio Lower Upper

122 100

107 114.3 96.8 145.2

121 58.1 47.7 71.5



#28

bis(2-Chloroethoxy)methane

Concen: 38.85 ng

RT: 7.899 min Scan# 491

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

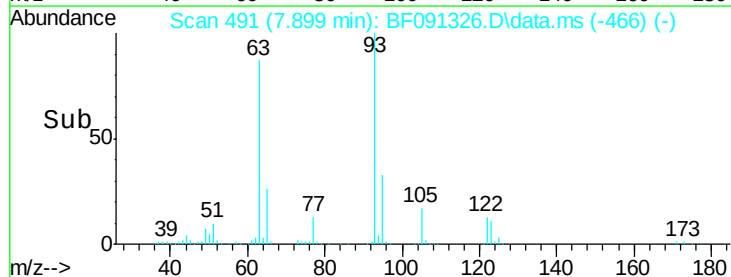
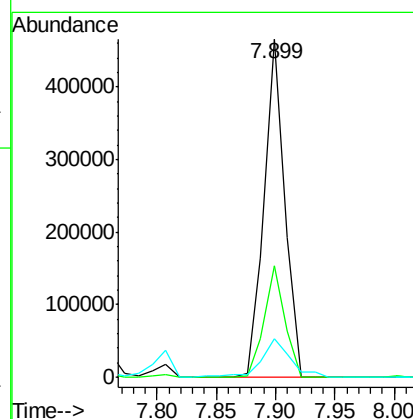
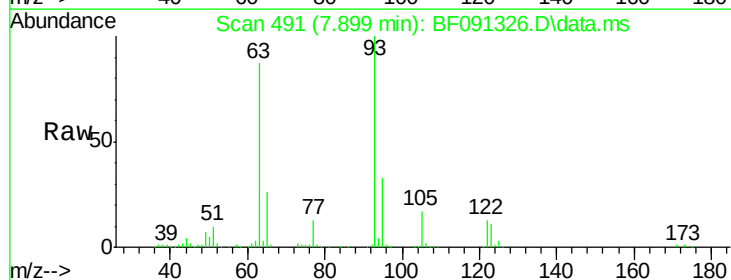
Tgt Ion: 93 Resp: 568738

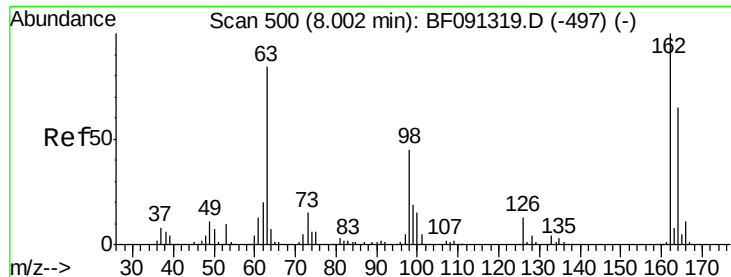
Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

123 11.3 8.6 12.8

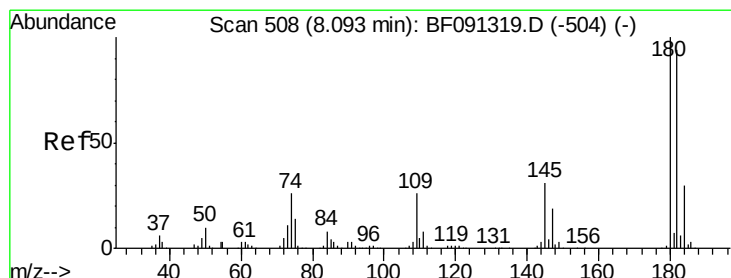
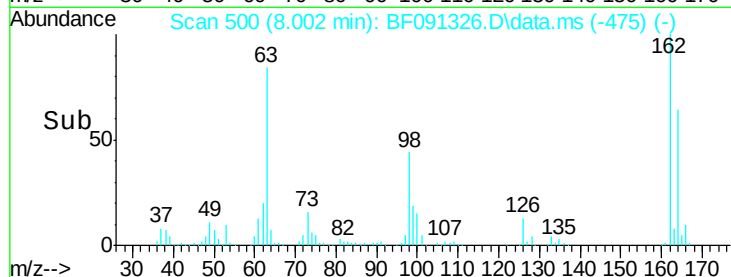
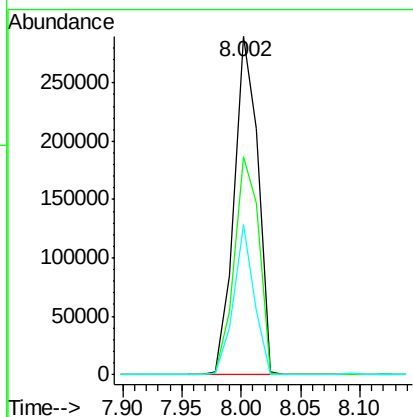
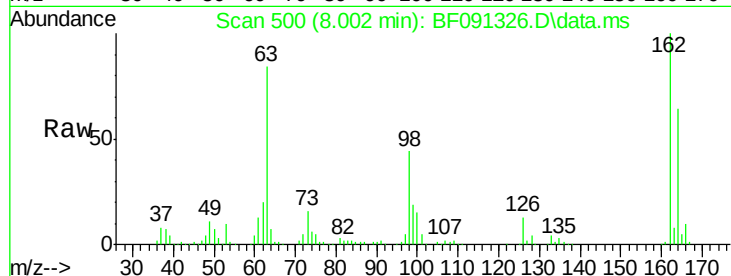




#29
 2,4-Dichlorophenol
 Concen: 38.46 ng
 RT: 8.002 min Scan# 500
 Delta R.T. -0.017 min
 Lab File: BF091326.D
 Acq: 29 Nov 2016 14:48

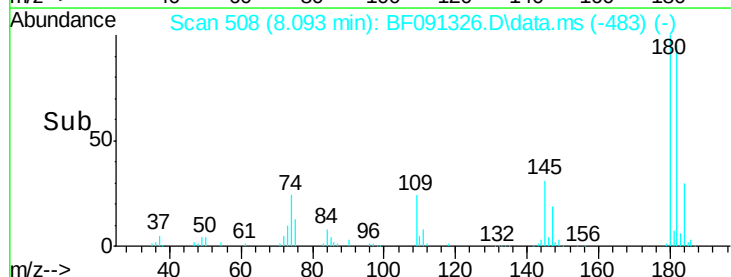
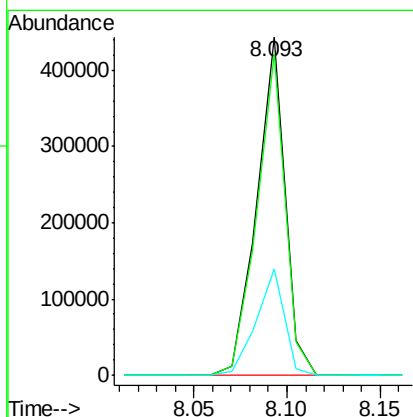
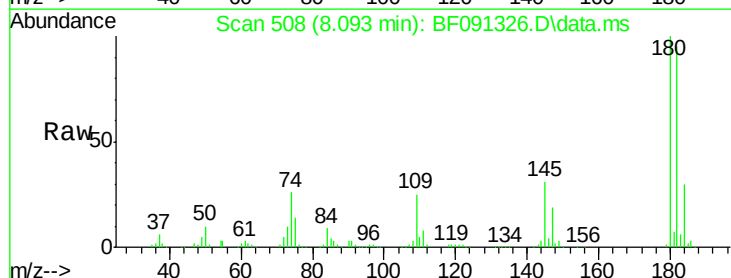
Instrument :
 BNA_F
 ClientSampleId :

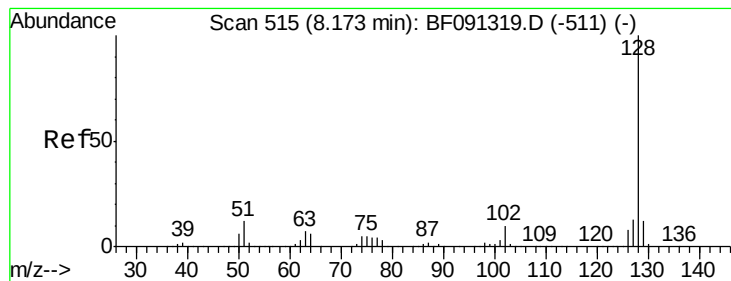
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.0	85.0
98	44.3	21.3	61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 39.09 ng
 RT: 8.093 min Scan# 508
 Delta R.T. -0.017 min
 Lab File: BF091326.D
 Acq: 29 Nov 2016 14:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.8
145	31.4	27.0	40.4





#31

Naphthalene

Concen: 38.12 ng

RT: 8.173 min Scan# 51

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

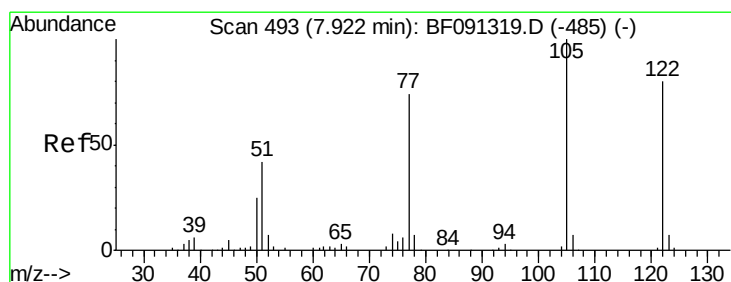
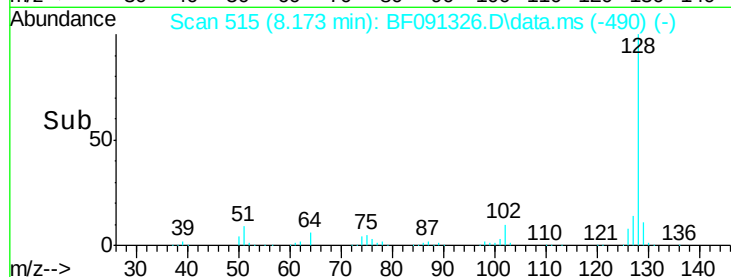
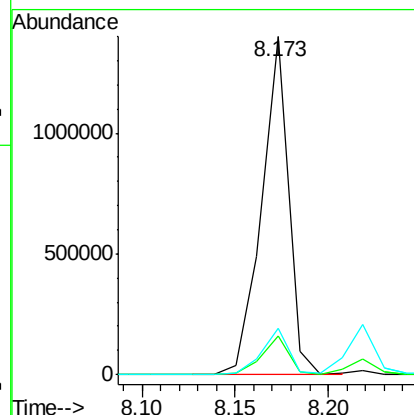
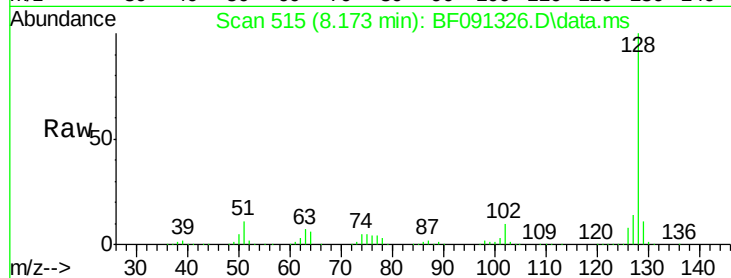
Tot Ion:128 Resp: 1393764

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

127 13.7 11.0 16.4



#32

Benzoic acid

Concen: 40.11 ng

RT: 7.933 min Scan# 494

Delta R.T. -0.005 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

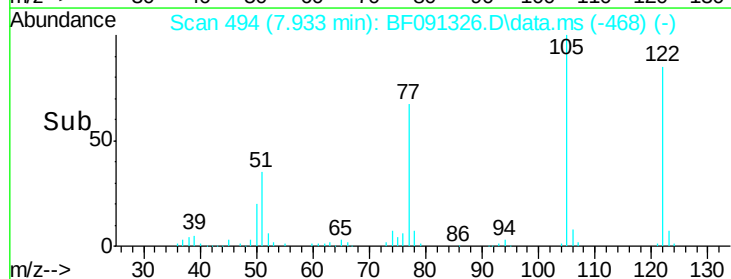
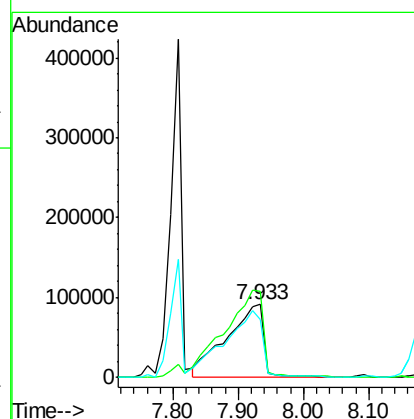
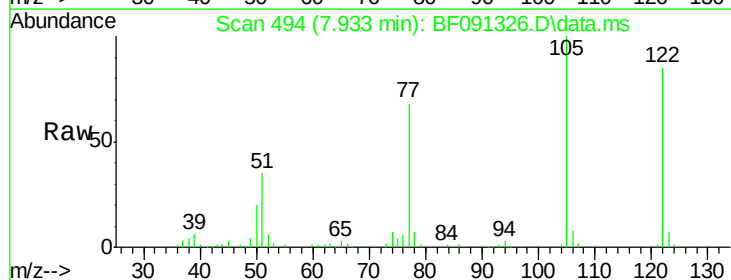
Tgt Ion:122 Resp: 354227

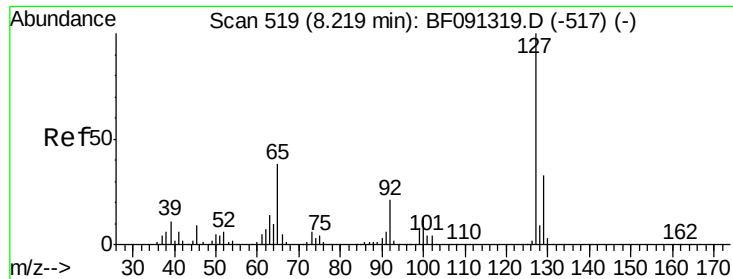
Ion Ratio Lower Upper

122 100

105 117.3 113.0 153.0

77 79.9 82.0 122.0#

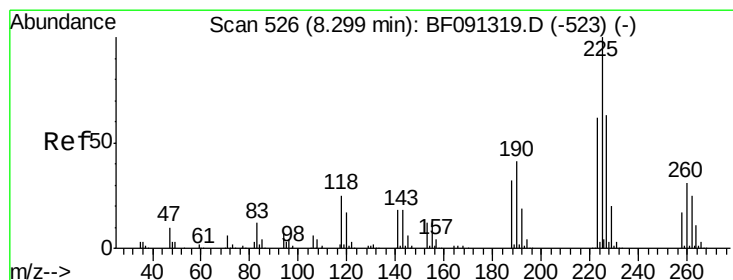
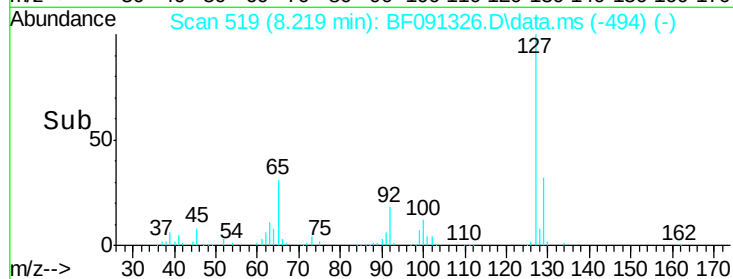
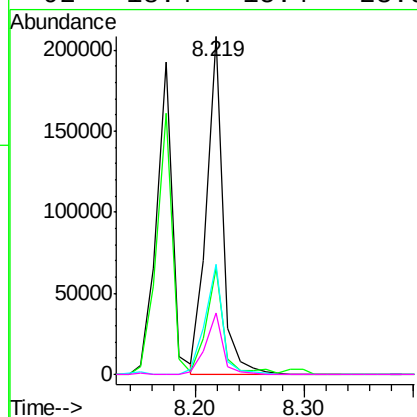
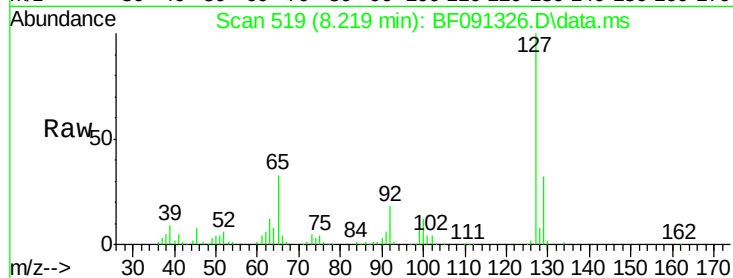




#33
4-Chloroaniline
Concen: 14.13 ng
RT: 8.219 min Scan# 519
Delta R.T. -0.017 min
Lab File: BF091326.D
Acq: 29 Nov 2016 14:48

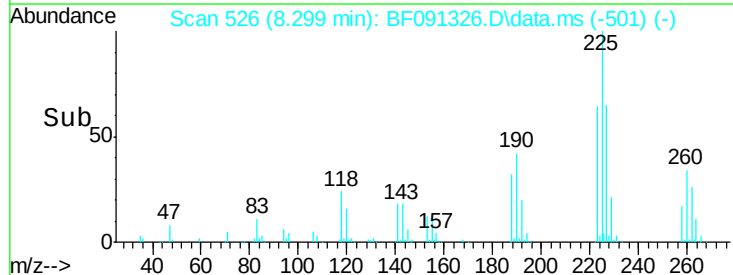
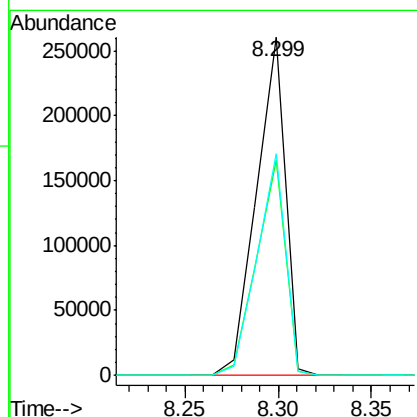
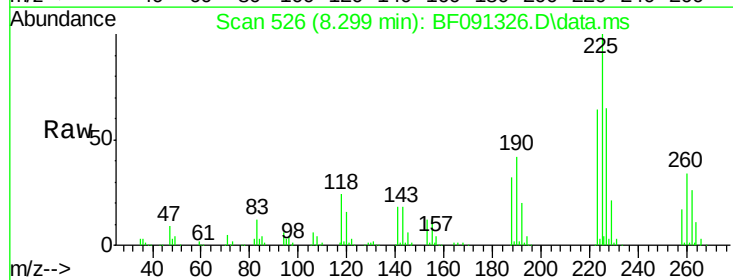
Instrument :
BNA_F
ClientSampleId :

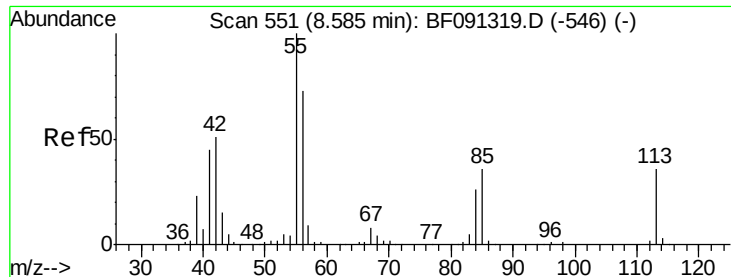
Tot Ion:	127	Resp:	220882
Ion Ratio	Lower	Upper	
127	100		
129	31.5	26.2	39.4
65	32.7	26.6	39.8
92	18.4	15.4	23.0



#34
Hexachlorobutadiene
Concen: 38.38 ng
RT: 8.299 min Scan# 526
Delta R.T. -0.017 min
Lab File: BF091326.D
Acq: 29 Nov 2016 14:48

Tgt Ion:	225	Resp:	278872
Ion Ratio	Lower	Upper	
225	100		
223	63.7	49.8	74.6
227	65.5	52.6	79.0

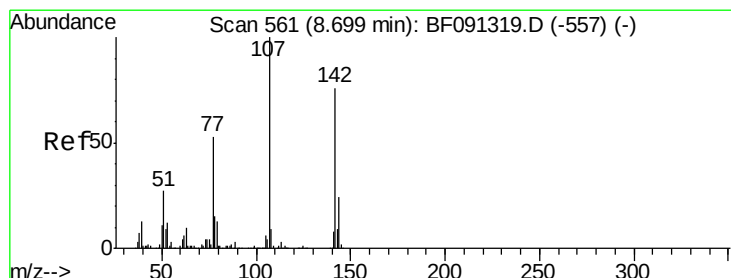
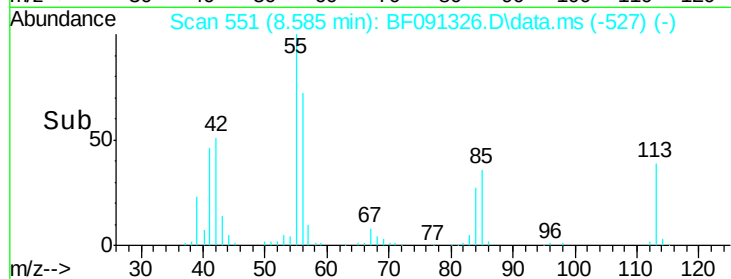
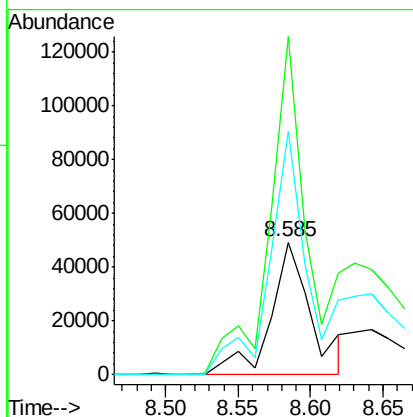
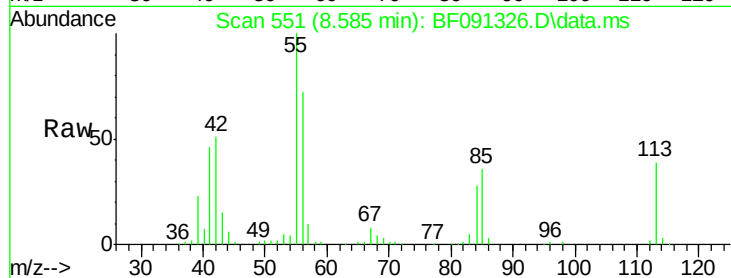




#35
 Caprolactam
 Concen: 31.34 ng
 RT: 8.585 min Scan# 551
 Delta R.T. -0.029 min
 Lab File: BF091326.D
 Acq: 29 Nov 2016 14:48

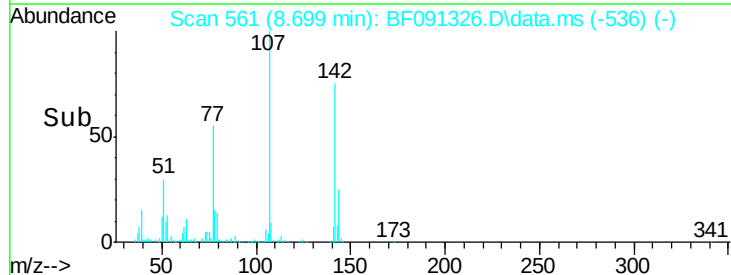
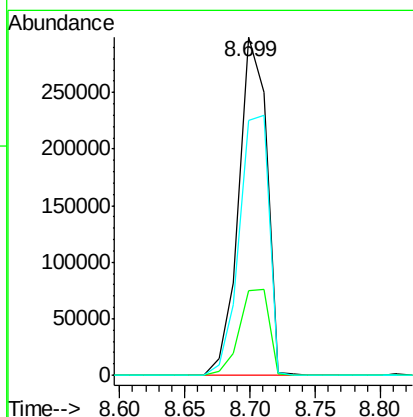
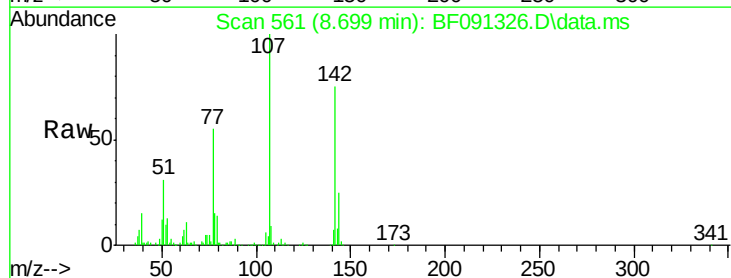
Instrument :
 BNA_F
 ClientSampleId :

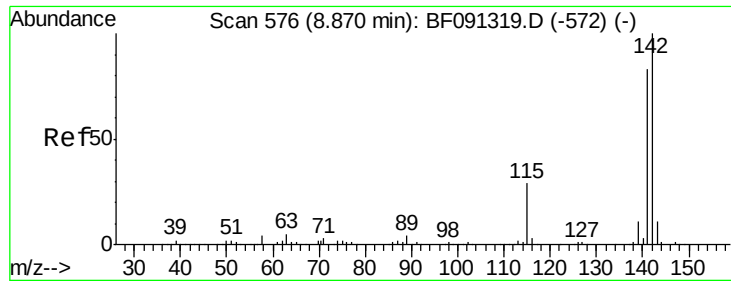
Tot Ion:113 Resp: 94933
 Ion Ratio Lower Upper
 113 100
 55 254.9 239.8 279.8
 56 183.9 165.6 205.6



#36
 4-Chloro-3-methylphenol
 Concen: 39.14 ng
 RT: 8.699 min Scan# 561
 Delta R.T. -0.017 min
 Lab File: BF091326.D
 Acq: 29 Nov 2016 14:48

Tgt Ion:107 Resp: 445360
 Ion Ratio Lower Upper
 107 100
 144 25.0 18.9 28.3
 142 75.3 58.5 87.7





#37

2-Methylnaphthalene

Concen: 39.21 ng

RT: 8.870 min Scan# 57

Delta R.T. -0.006 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

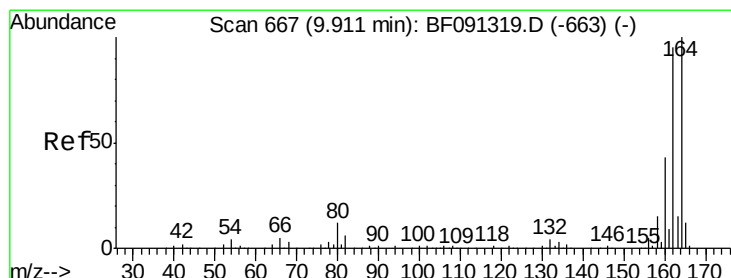
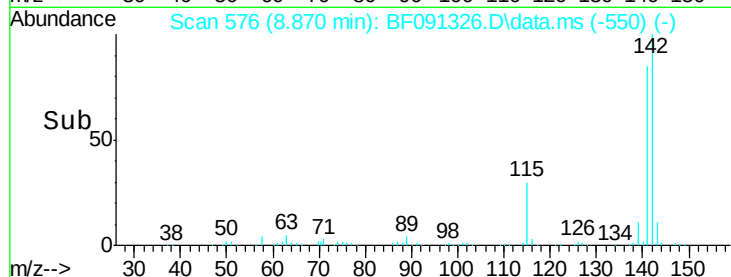
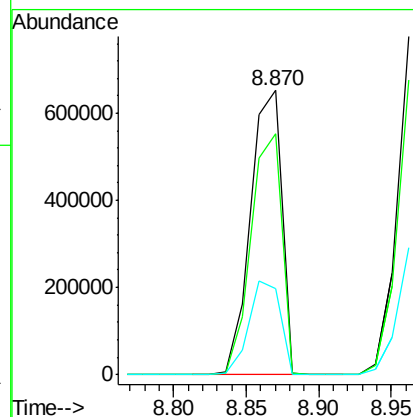
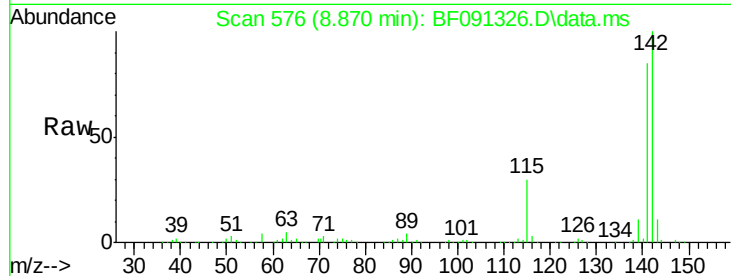
Tot Ion:142 Resp: 973847

Ion Ratio Lower Upper

142 100

141 84.8 71.7 107.5

115 30.2 25.0 37.6



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.910 min Scan# 667

Delta R.T. -0.006 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

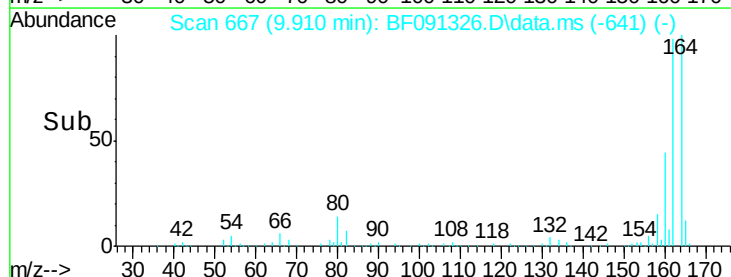
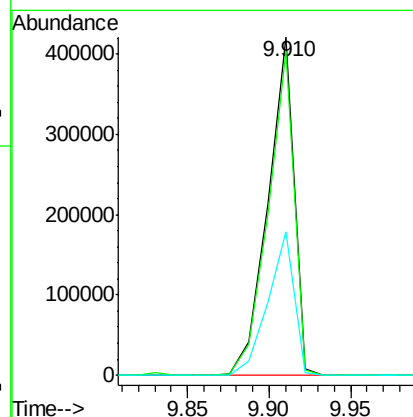
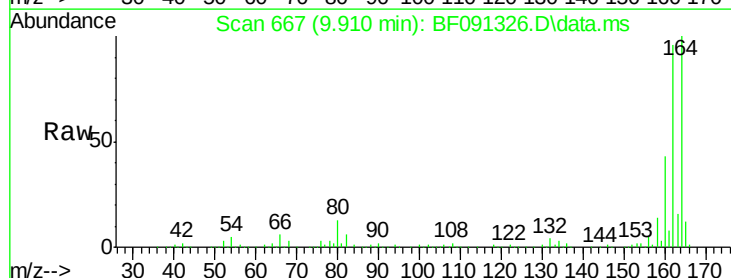
Tgt Ion:164 Resp: 469673

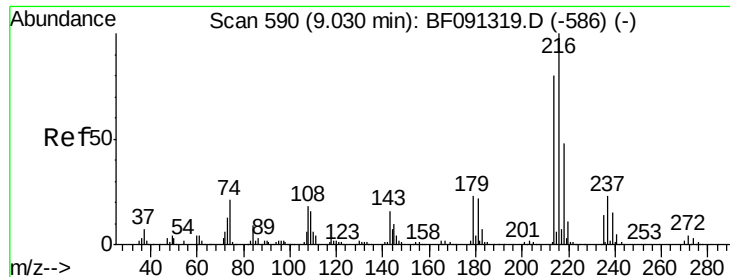
Ion Ratio Lower Upper

164 100

162 95.8 82.6 124.0

160 42.5 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.03 ng

RT: 9.030 min Scan# 590

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 410865

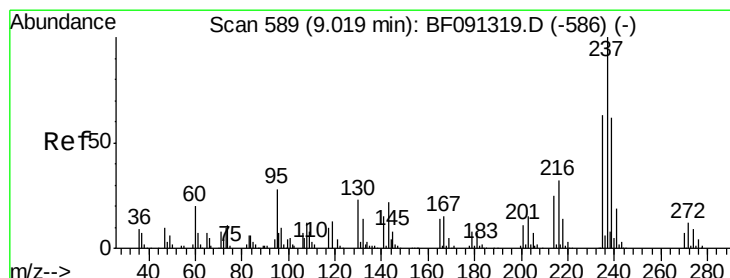
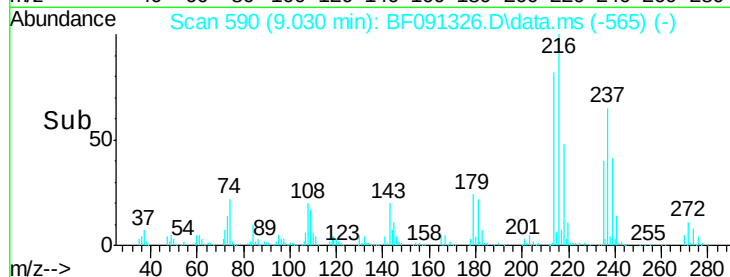
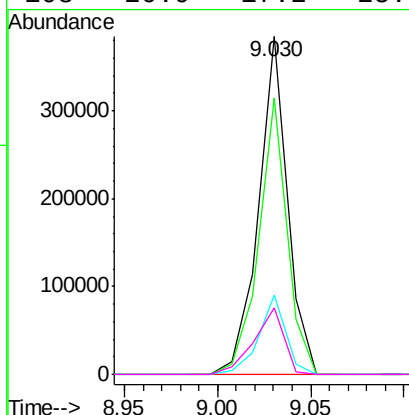
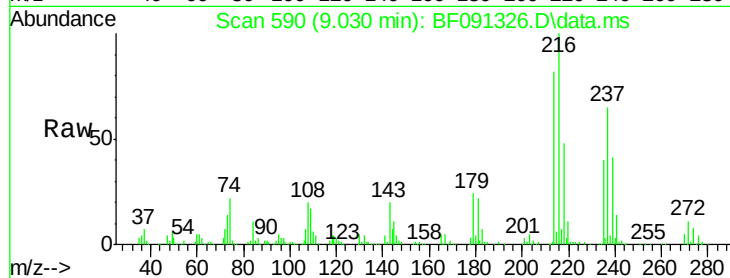
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.8

179 21.8 18.2 27.2

108 20.9 17.2 25.8



#40

Hexachlorocyclopentadiene

Concen: 80.97 ng

RT: 9.019 min Scan# 589

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

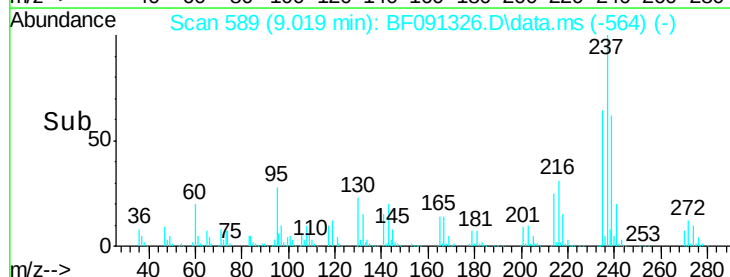
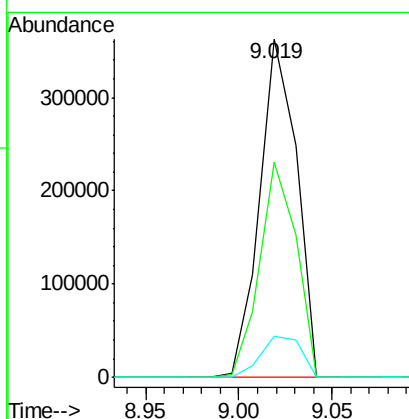
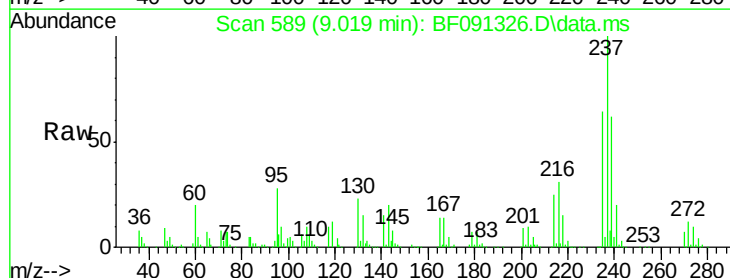
Tgt Ion:237 Resp: 496918

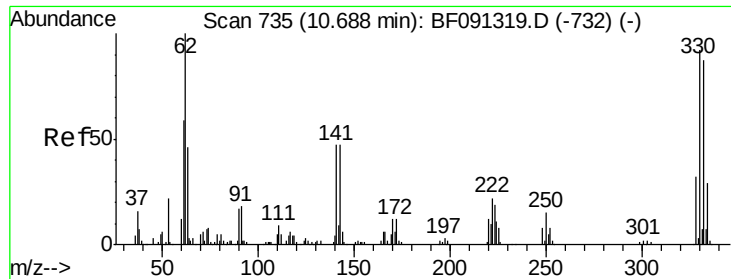
Ion Ratio Lower Upper

237 100

235 63.5 43.9 83.9

272 12.2 0.0 33.1

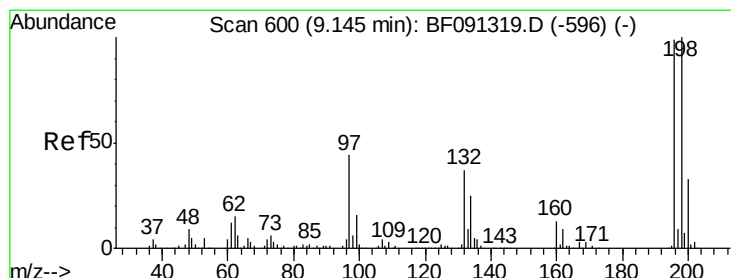
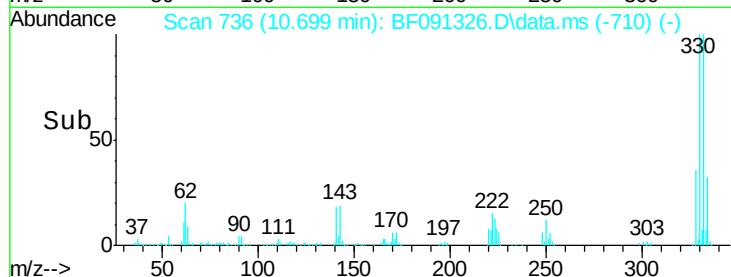
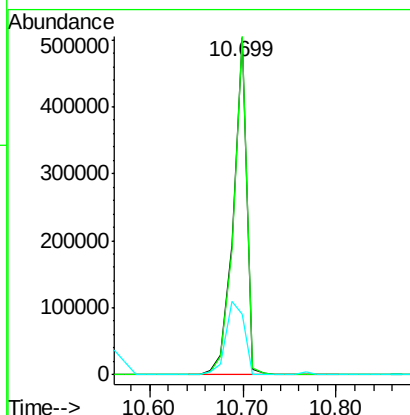
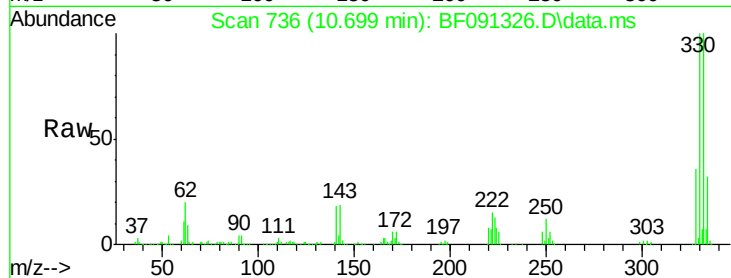




#41
 2,4,6-Tribromophenol
 Concen: 114.34 ng
 RT: 10.699 min Scan# 735
 Delta R.T. -0.006 min
 Lab File: BF091326.D
 Acq: 29 Nov 2016 14:48

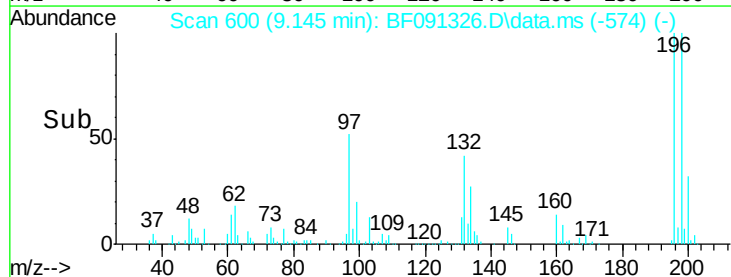
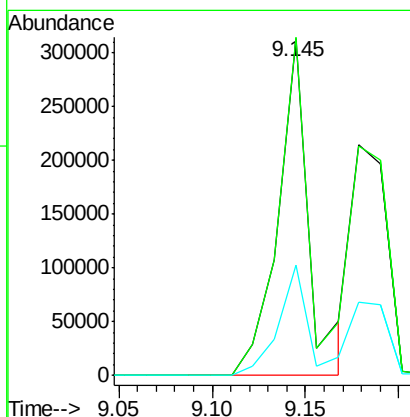
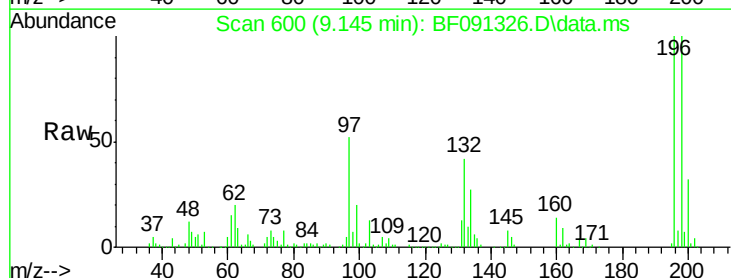
Instrument :
 BNA_F
 ClientSampleId :

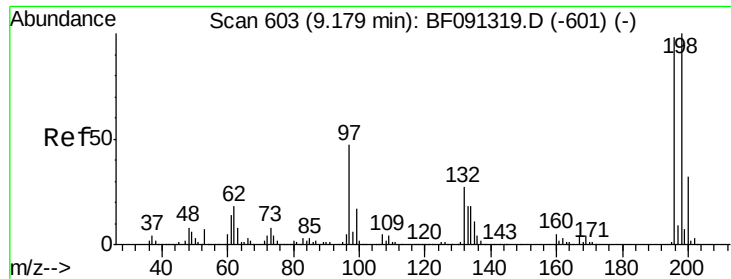
Tot Ion:330 Resp: 508393
 Ion Ratio Lower Upper
 330 100
 332 99.4 76.2 114.4
 141 29.7 33.6 50.4#



#42
 2,4,6-Trichlorophenol
 Concen: 41.83 ng
 RT: 9.145 min Scan# 600
 Delta R.T. -0.006 min
 Lab File: BF091326.D
 Acq: 29 Nov 2016 14:48

Tgt Ion:196 Resp: 359949
 Ion Ratio Lower Upper
 196 100
 198 100.4 77.4 116.0
 200 32.6 25.2 37.8

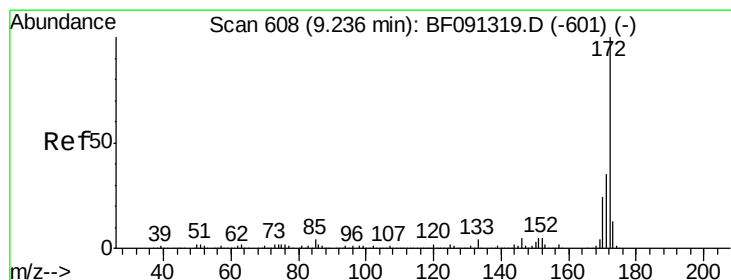
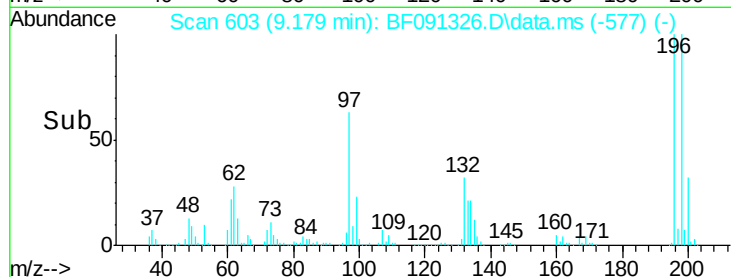
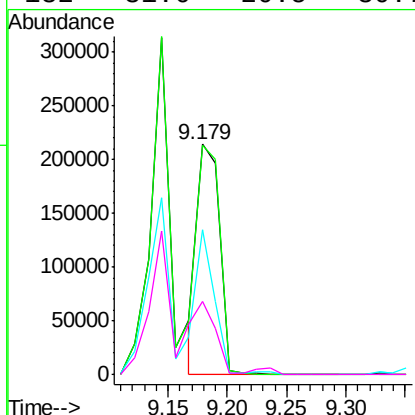
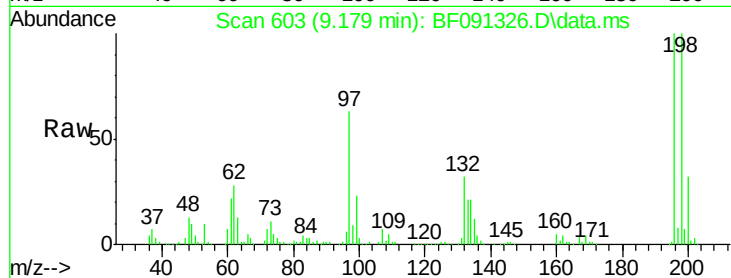




#43
 2,4,5-Trichlorophenol
 Concen: 33.19 ng
 RT: 9.179 min Scan# 603
 Delta R.T. -0.006 min
 Lab File: BF091326.D
 Acq: 29 Nov 2016 14:48

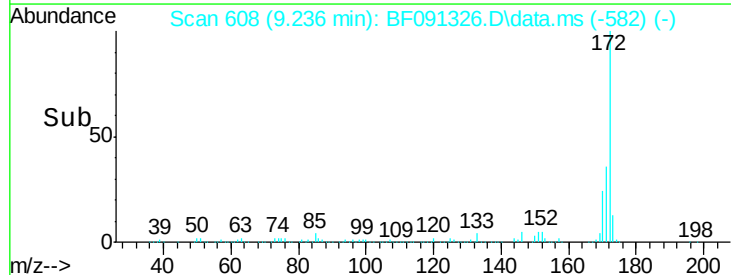
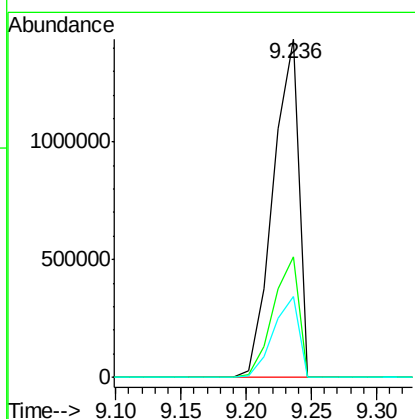
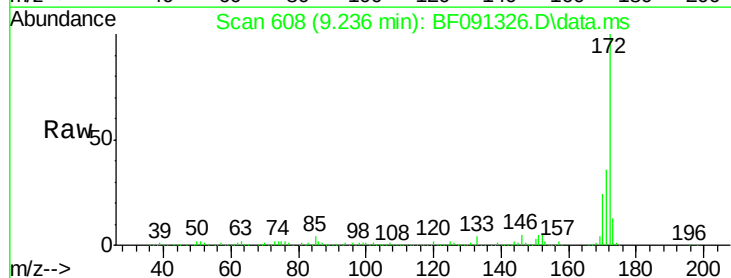
Instrument :
 BNA_F
 ClientSampleId :

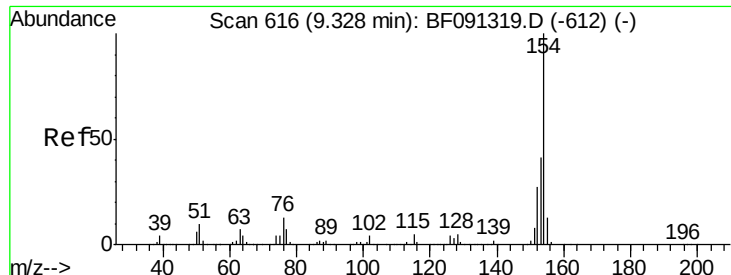
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.6	77.0	115.6
97	62.8	33.5	50.3#
132	31.6	20.5	30.7#



#44
 2-Fluorobiphenyl
 Concen: 76.66 ng
 RT: 9.236 min Scan# 608
 Delta R.T. -0.005 min
 Lab File: BF091326.D
 Acq: 29 Nov 2016 14:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	23.9	19.7	29.5





#45

1,1'-Biphenyl

Concen: 32.34 ng

RT: 9.327 min Scan# 61

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

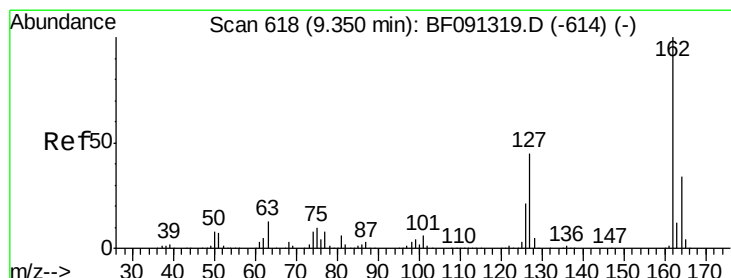
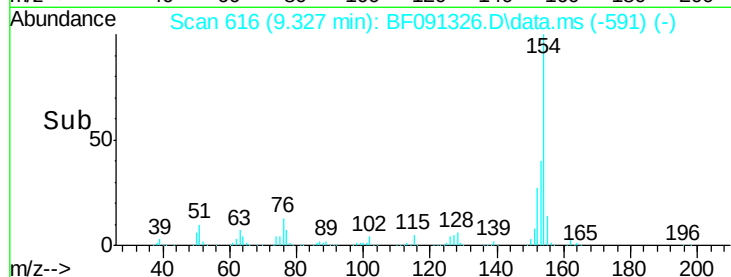
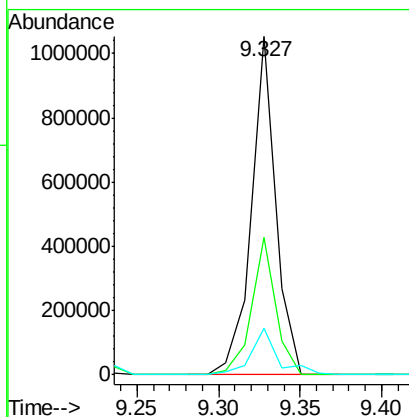
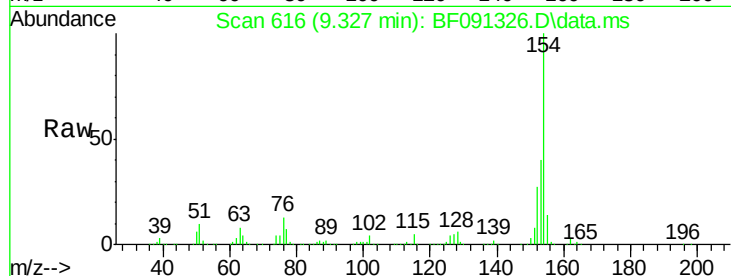
Tot Ion:154 Resp: 1092170

Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

76 13.5 0.0 36.6



#46

2-Chloronaphthalene

Concen: 32.80 ng

RT: 9.350 min Scan# 618

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

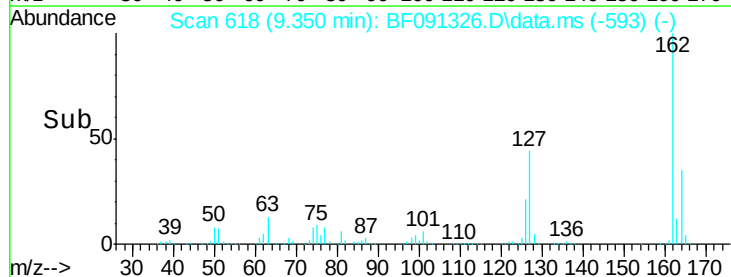
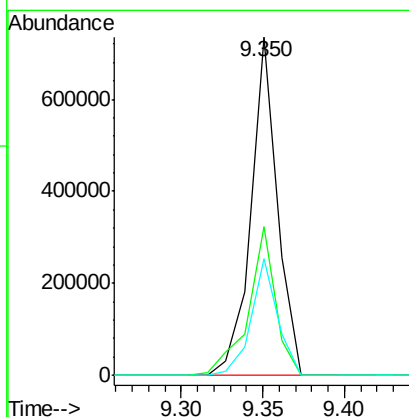
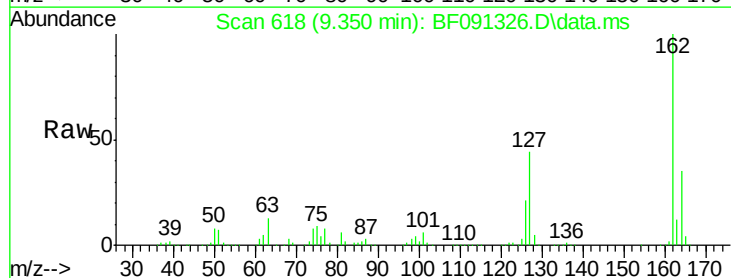
Tgt Ion:162 Resp: 825013

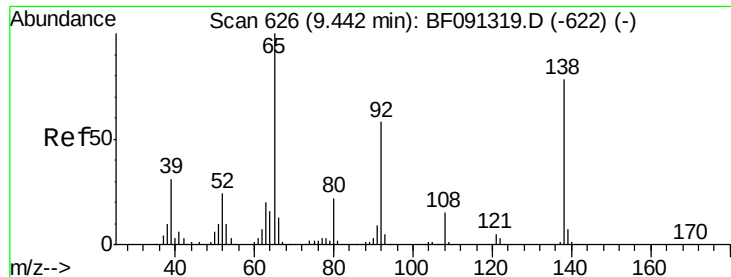
Ion Ratio Lower Upper

162 100

127 44.1 34.3 51.5

164 34.6 26.6 40.0





#47

2-Nitroaniline

Concen: 32.91 ng

RT: 9.442 min Scan# 62

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

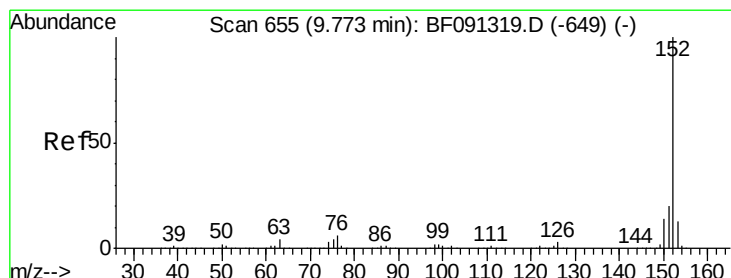
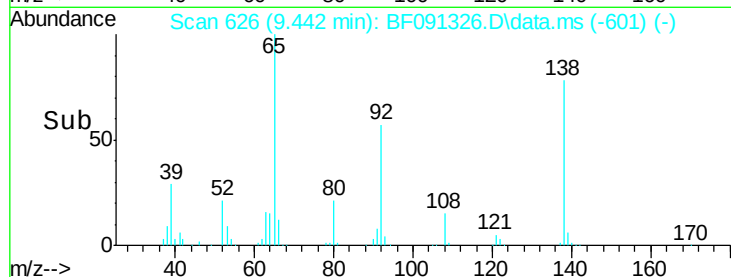
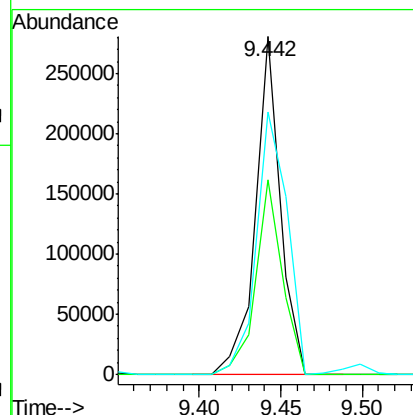
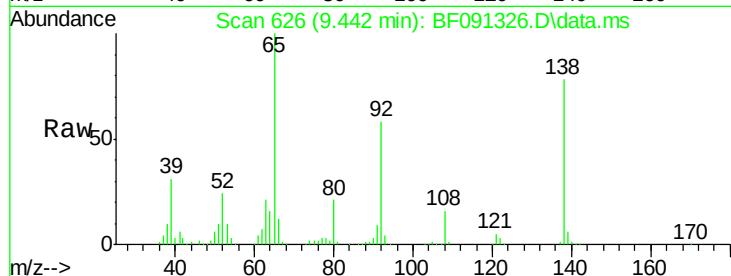
Tot Ion: 65 Resp: 297281

Ion Ratio Lower Upper

65 100

92 57.5 53.6 80.4

138 77.7 91.0 136.6#



#48

Acenaphthylene

Concen: 35.15 ng

RT: 9.773 min Scan# 655

Delta R.T. -0.006 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

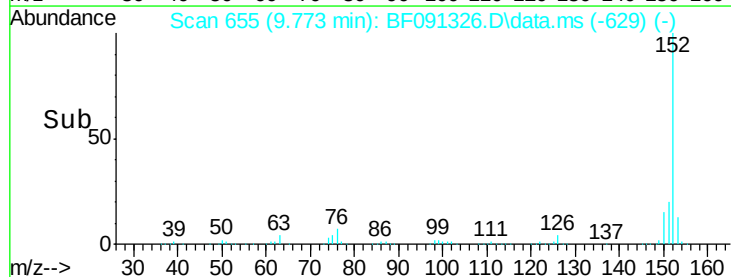
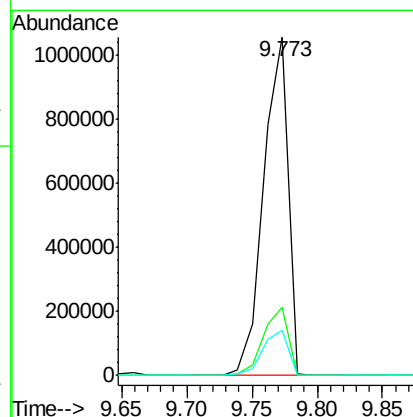
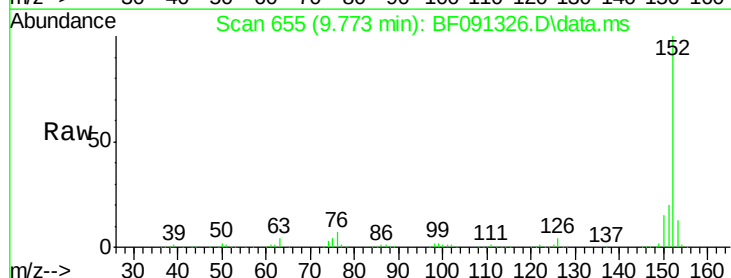
Tgt Ion: 152 Resp: 1391890

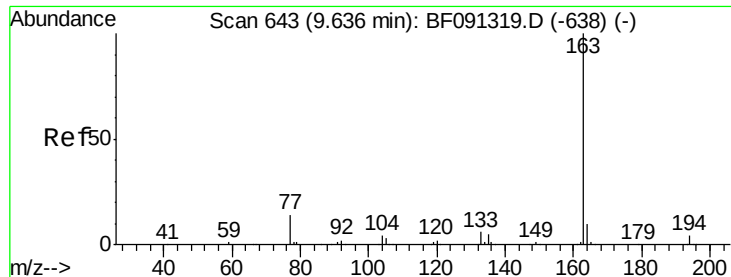
Ion Ratio Lower Upper

152 100

151 20.1 16.6 24.8

153 13.5 10.7 16.1





#49

Dimethylphthalate

Concen: 38.85 ng

RT: 9.636 min Scan# 64

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

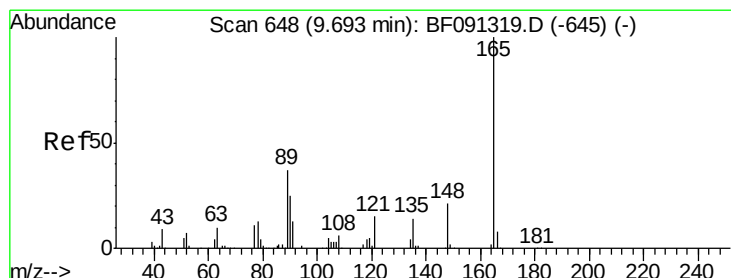
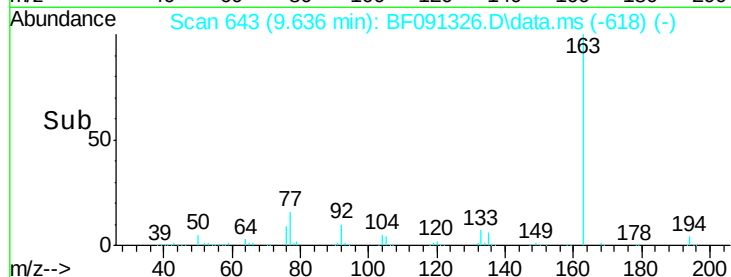
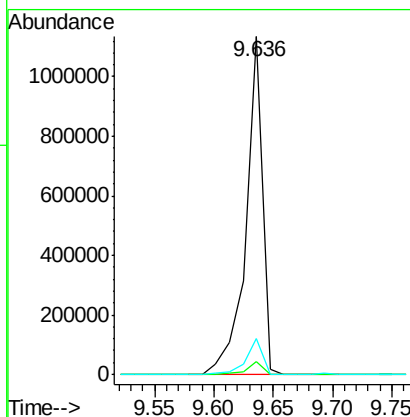
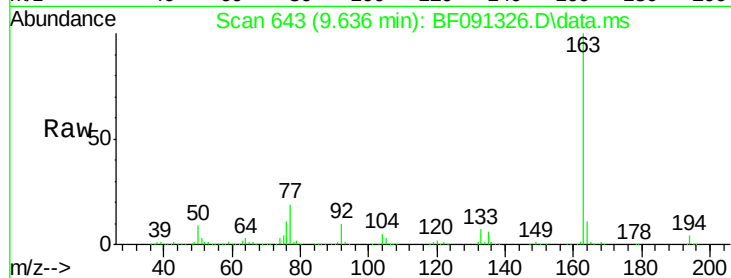
Tot Ion:163 Resp: 1104761

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.7 7.8 11.8



#50

2,6-Dinitrotoluene

Concen: 41.75 ng

RT: 9.693 min Scan# 648

Delta R.T. -0.006 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

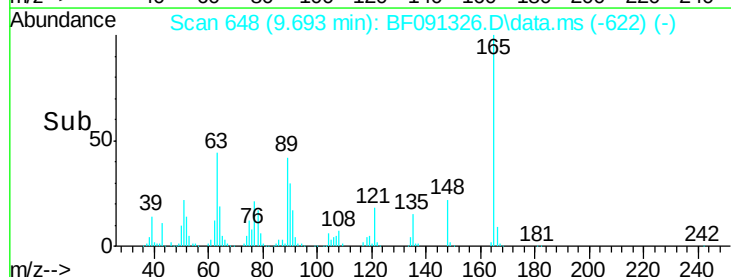
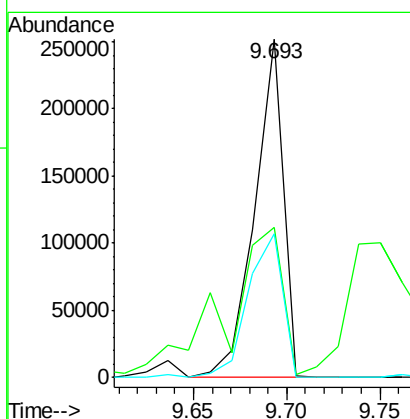
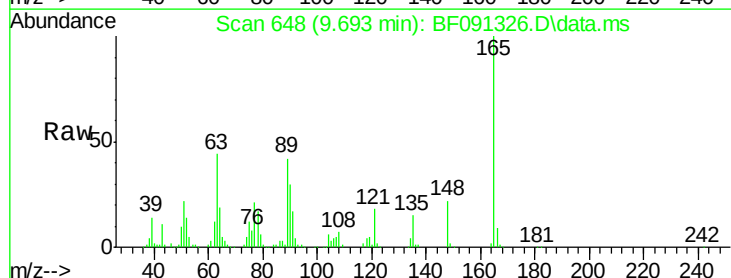
Tgt Ion:165 Resp: 265370

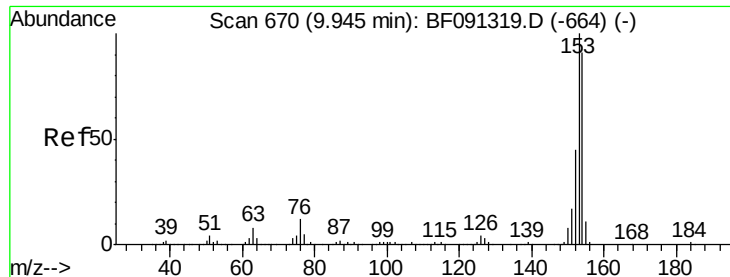
Ion Ratio Lower Upper

165 100

63 44.2 59.4 89.0#

89 42.3 50.8 76.2#





#51

Acenaphthene

Concen: 39.32 ng

RT: 9.945 min Scan# 670

Delta R.T. -0.006 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

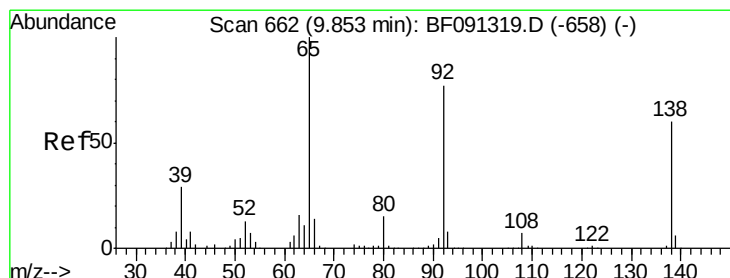
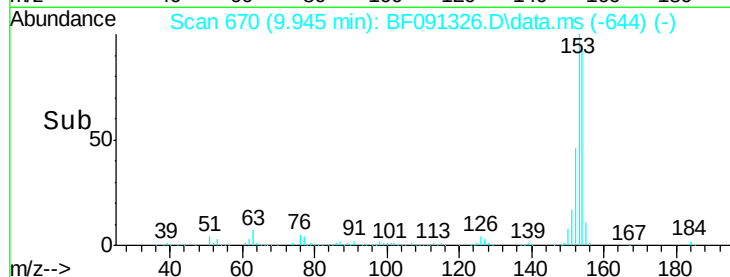
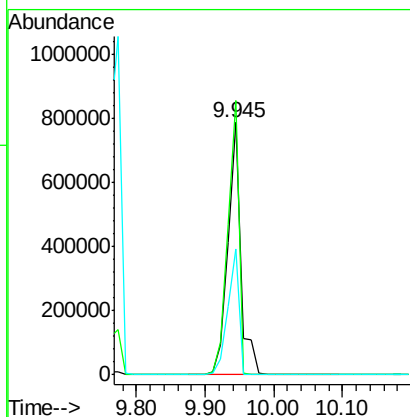
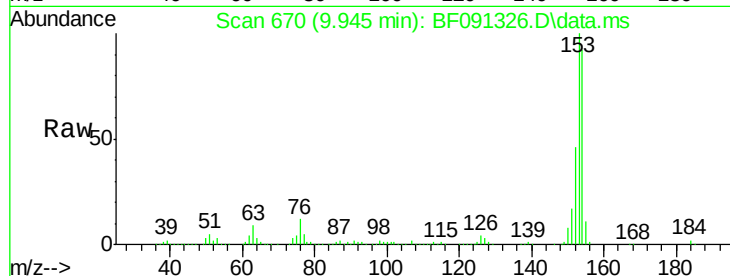
Tot Ion:154 Resp: 1050089

Ion Ratio Lower Upper

154 100

153 108.6 91.0 136.6

152 49.9 44.2 66.2



#52

3-Nitroaniline

Concen: 18.58 ng

RT: 9.853 min Scan# 662

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

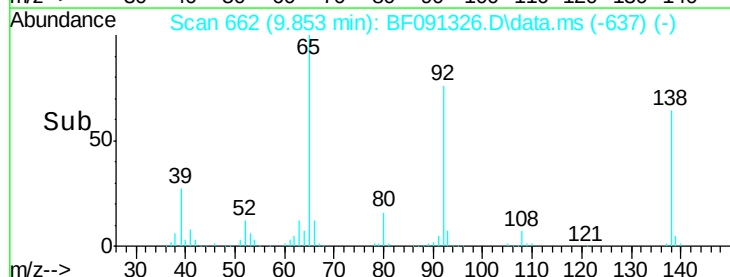
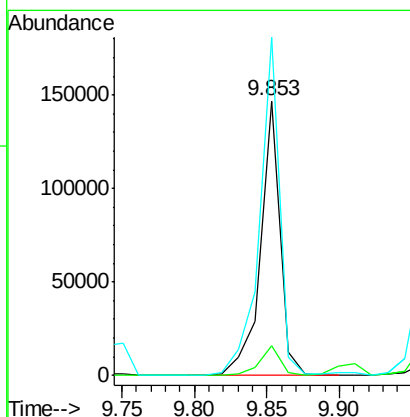
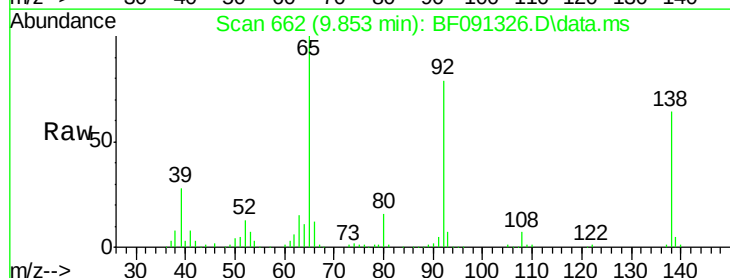
Tgt Ion:138 Resp: 136695

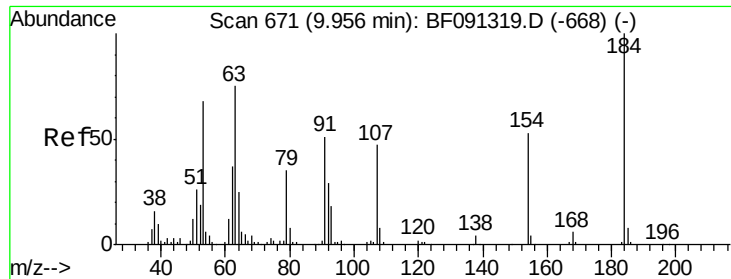
Ion Ratio Lower Upper

138 100

108 10.8 8.1 12.1

92 123.3 92.5 138.7

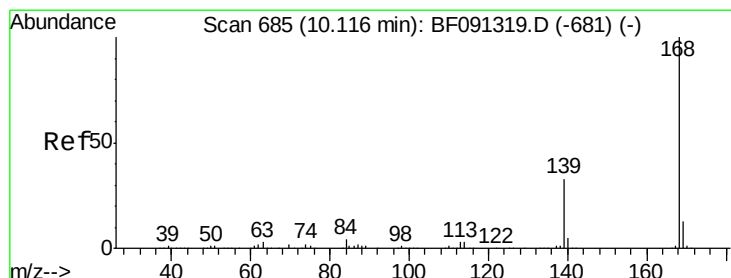
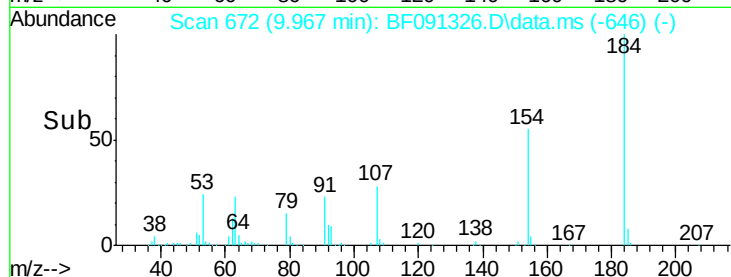
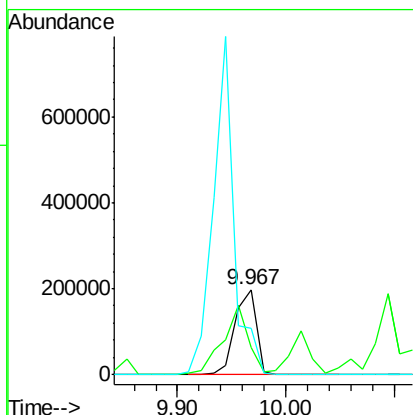
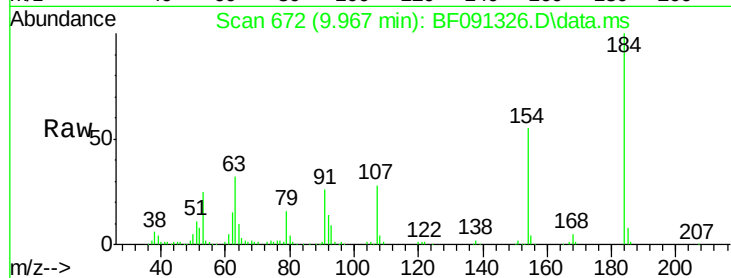




#53
2,4-Dinitrophenol
Concen: 95.72 ng
RT: 9.967 min Scan# 671
Delta R.T. -0.006 min
Lab File: BF091326.D
Acq: 29 Nov 2016 14:48

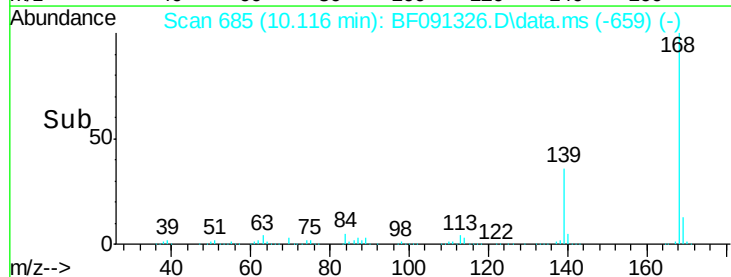
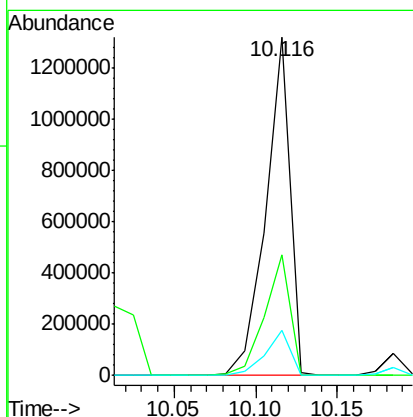
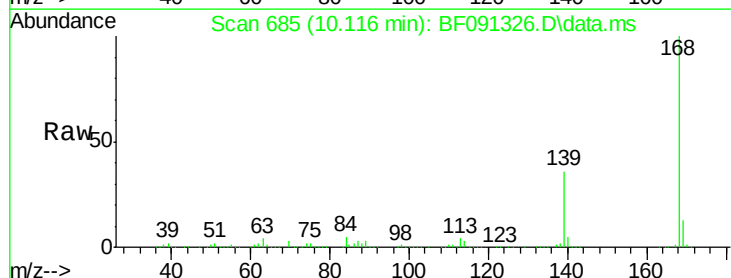
Instrument :
BNA_F
ClientSampleId :

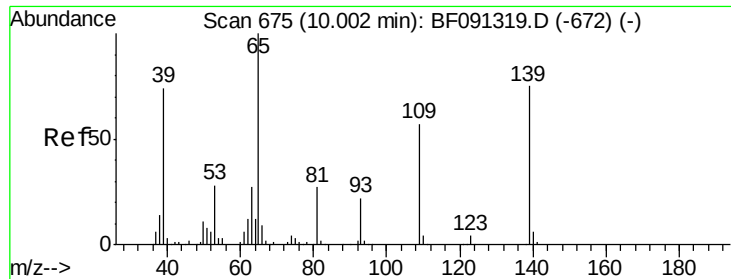
Tot Ion:184 Resp: 266083
Ion Ratio Lower Upper
184 100
63 32.3 58.3 87.5#
154 54.9 48.6 73.0



#54
Dibenzofuran
Concen: 38.17 ng
RT: 10.116 min Scan# 685
Delta R.T. -0.005 min
Lab File: BF091326.D
Acq: 29 Nov 2016 14:48

Tgt Ion:168 Resp: 1364970
Ion Ratio Lower Upper
168 100
139 35.6 33.4 50.2
169 13.4 11.1 16.7

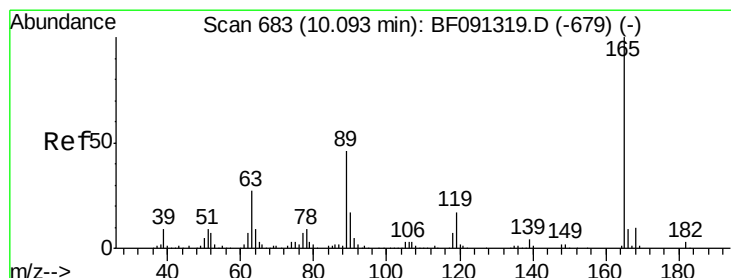
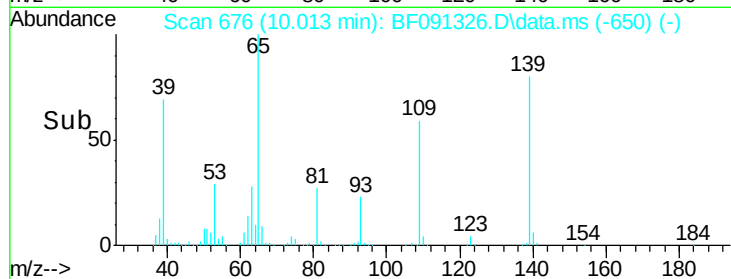
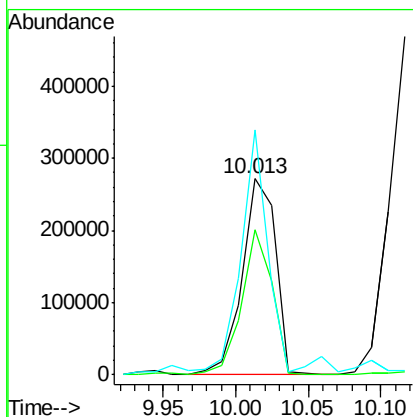
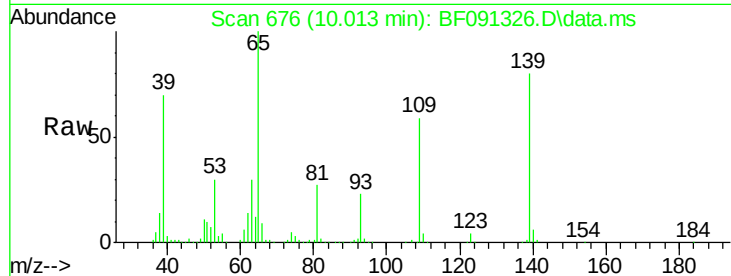




#55
4-Nitrophenol
Concen: 80.95 ng
RT: 10.013 min Scan# 675
Delta R.T. -0.006 min
Lab File: BF091326.D
Acq: 29 Nov 2016 14:48

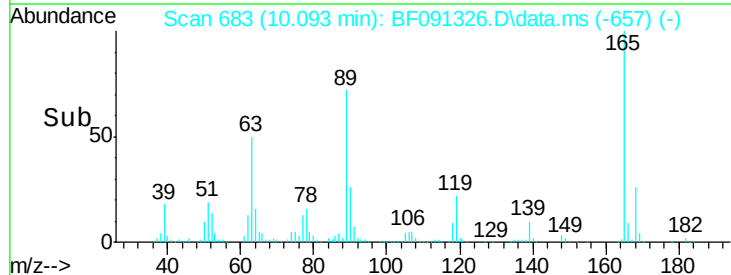
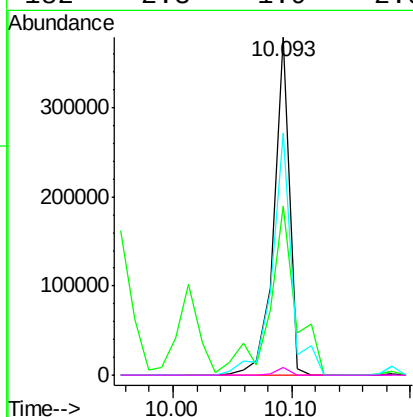
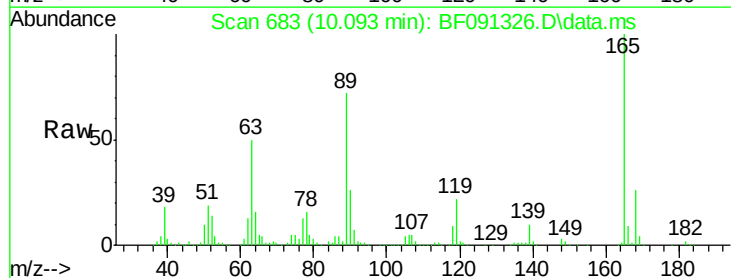
Instrument :
BNA_F
ClientSampleId :

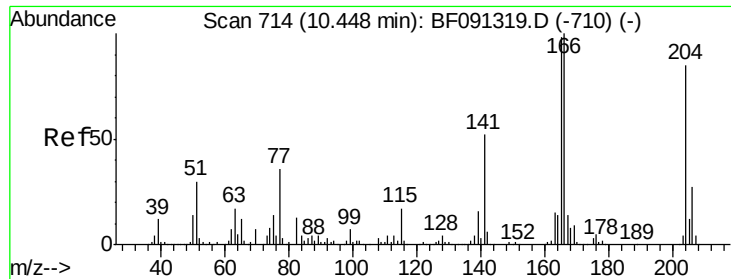
Tot Ion:139 Resp: 430188
Ion Ratio Lower Upper
139 100
109 74.0 54.9 94.9
65 124.8 102.2 142.2



#56
2,4-Dinitrotoluene
Concen: 42.31 ng
RT: 10.093 min Scan# 683
Delta R.T. -0.006 min
Lab File: BF091326.D
Acq: 29 Nov 2016 14:48

Tgt Ion:165 Resp: 348846
Ion Ratio Lower Upper
165 100
63 49.9 29.0 43.4#
89 71.7 43.1 64.7#
182 2.3 1.9 2.9

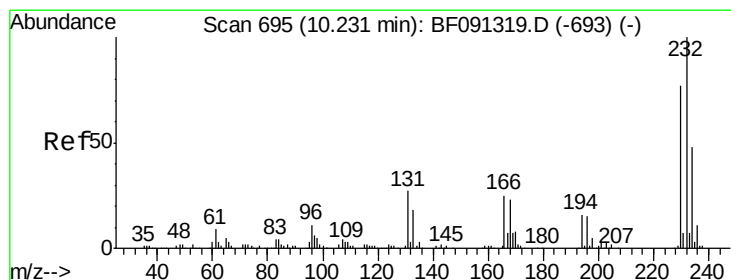
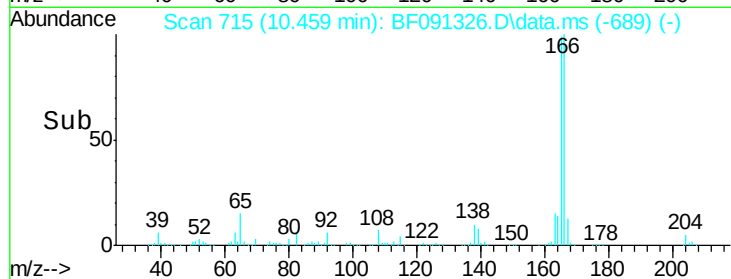
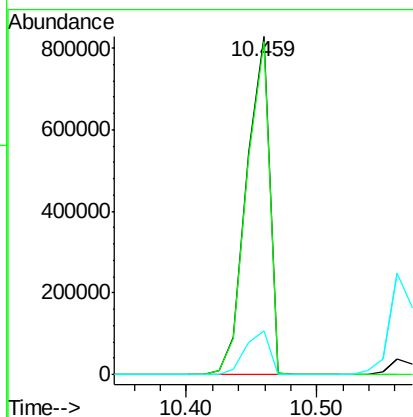
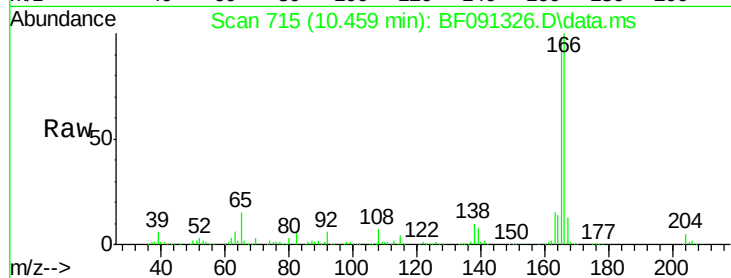




#57
 Fluorene
 Concen: 36.97 ng
 RT: 10.459 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF091326.D
 Acq: 29 Nov 2016 14:48

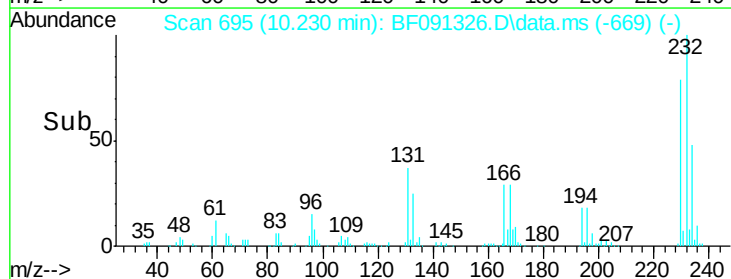
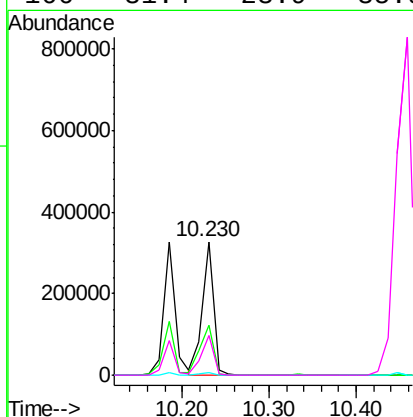
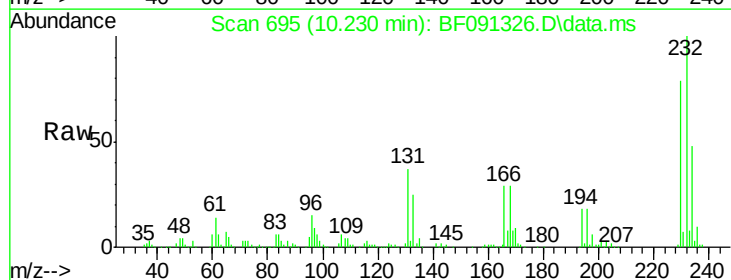
Instrument :
 BNA_F
 ClientSampleId :

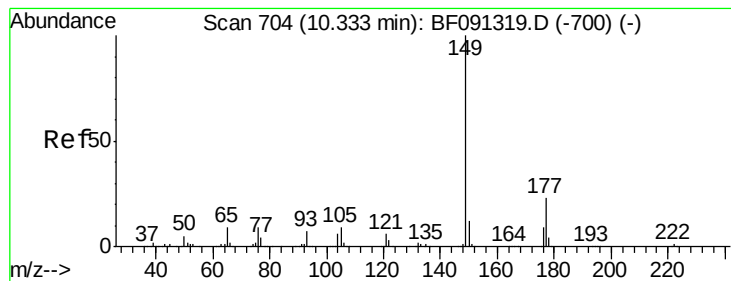
Tot Ion:166 Resp: 1014924
 Ion Ratio Lower Upper
 166 100
 165 98.5 80.0 120.0
 167 13.0 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.05 ng
 RT: 10.230 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: BF091326.D
 Acq: 29 Nov 2016 14:48

Tgt Ion:232 Resp: 294906
 Ion Ratio Lower Upper
 232 100
 131 43.4 38.4 57.6
 130 2.1 1.8 2.8
 166 31.4 23.9 35.9





#59

Diethylphthalate

Concen: 36.17 ng

RT: 10.333 min Scan# 704

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

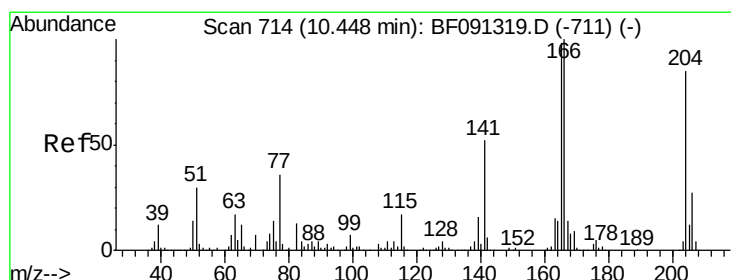
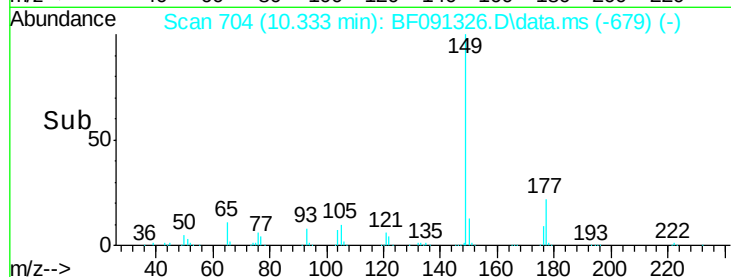
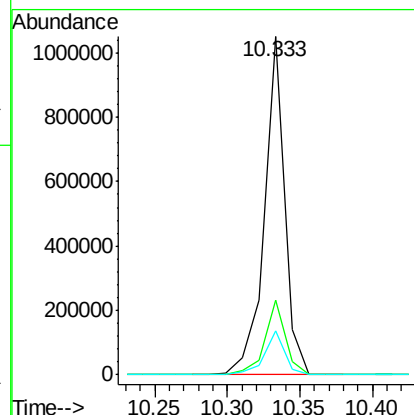
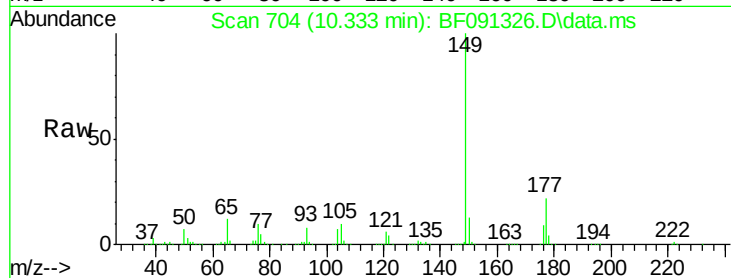
Tot Ion:149 Resp: 1015255

Ion Ratio Lower Upper

149 100

177 22.2 15.7 23.5

150 12.9 10.2 15.2



#60

4-Chlorophenyl-phenylether

Concen: 33.17 ng

RT: 10.448 min Scan# 714

Delta R.T. -0.016 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

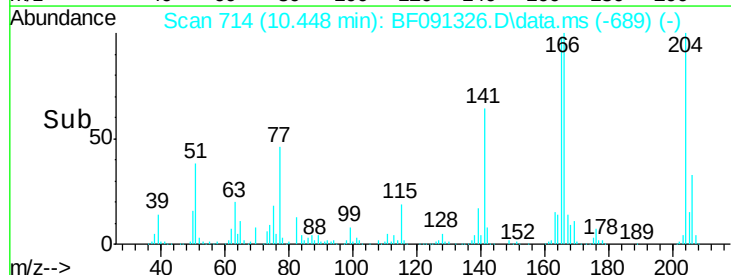
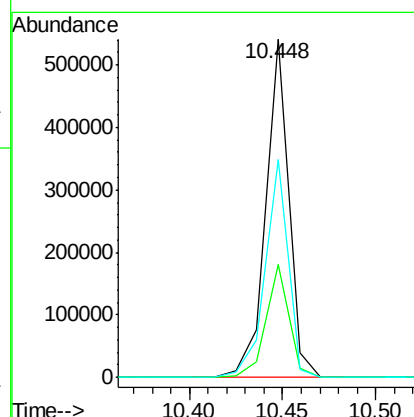
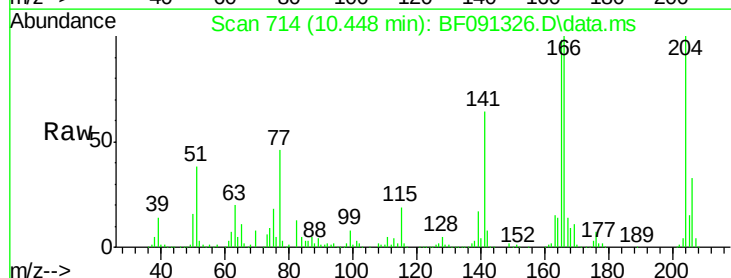
Tgt Ion:204 Resp: 456692

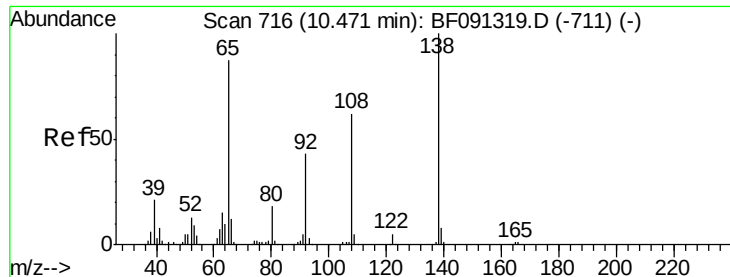
Ion Ratio Lower Upper

204 100

206 33.2 26.1 39.1

141 64.4 40.6 61.0#

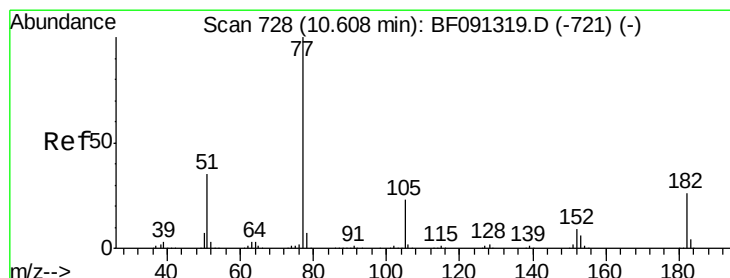
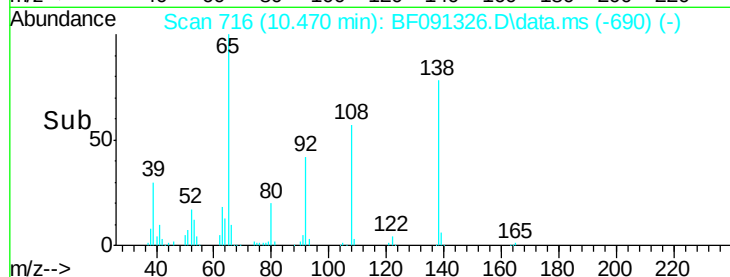
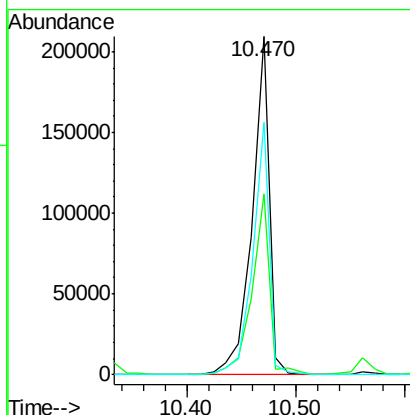
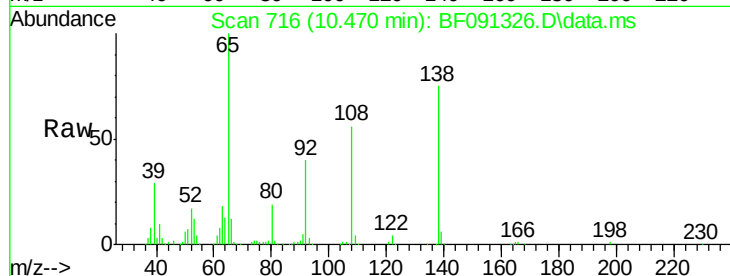




#61
4-Nitroaniline
Concen: 33.24 ng
RT: 10.470 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF091326.D
Acq: 29 Nov 2016 14:48

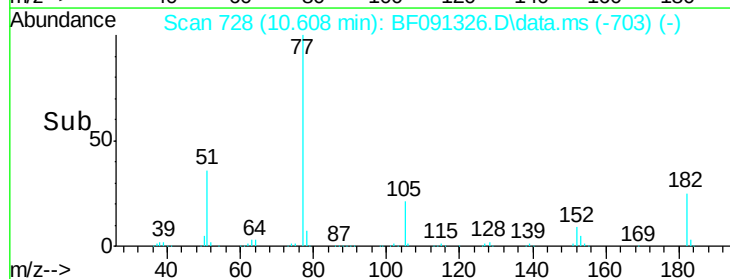
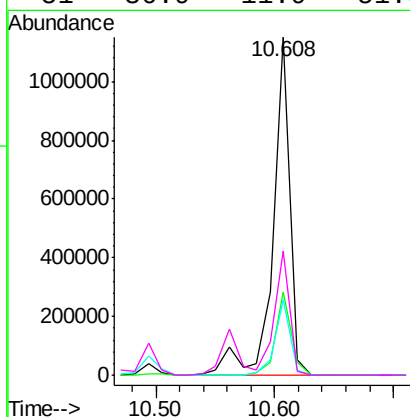
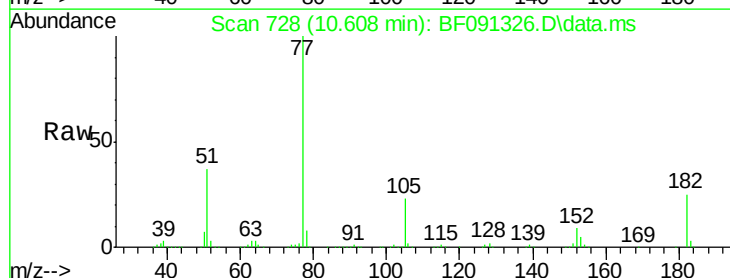
Instrument :
BNA_F
ClientSampleId :

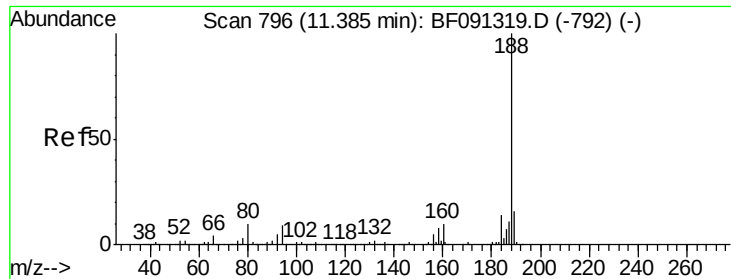
Tot Ion	Ratio	Lower	Upper
138	100		
92	53.6	26.9	66.9
108	74.5	49.1	89.1



#62
Azobenzene
Concen: 39.91 ng
RT: 10.608 min Scan# 728
Delta R.T. -0.017 min
Lab File: BF091326.D
Acq: 29 Nov 2016 14:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.5	12.5	52.5
105	22.5	3.7	43.7
51	36.9	11.9	51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.385 min Scan# 79

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

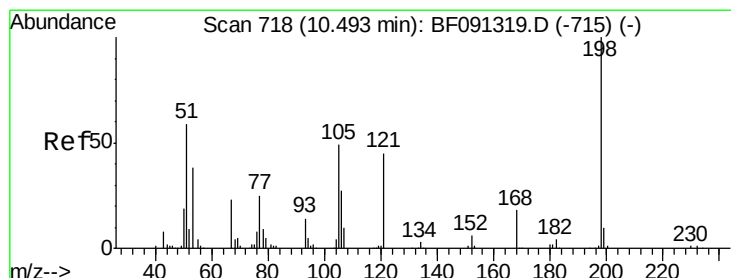
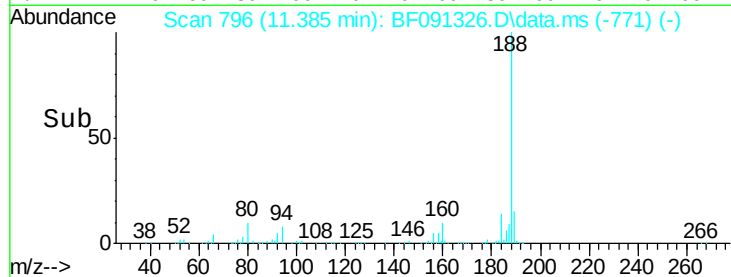
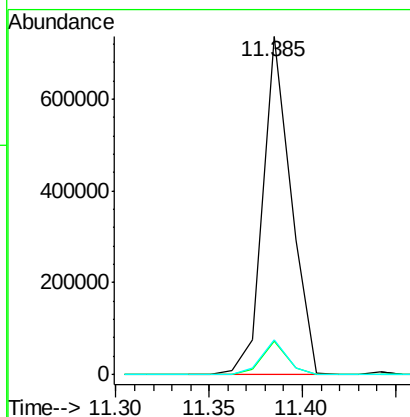
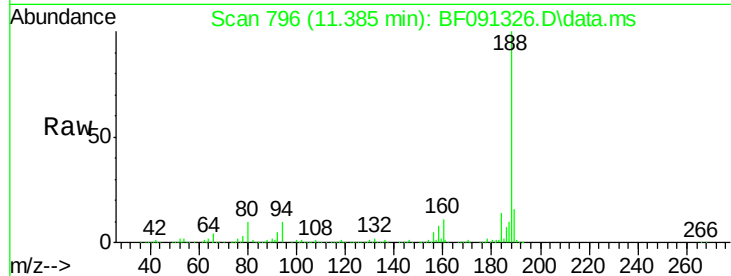
Tot Ion:188 Resp: 764444

Ion Ratio Lower Upper

188 100

94 9.8 9.2 13.8

80 10.4 10.5 15.7#



#64

4,6-Dinitro-2-methylphenol

Concen: 40.37 ng

RT: 10.493 min Scan# 718

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

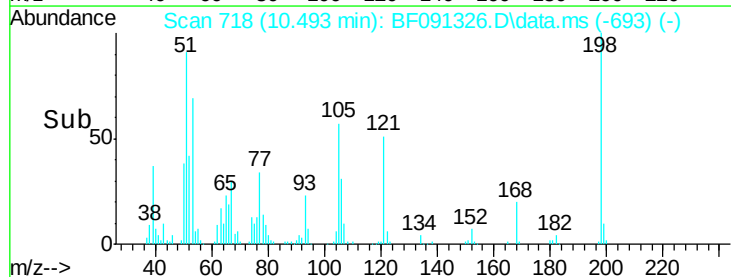
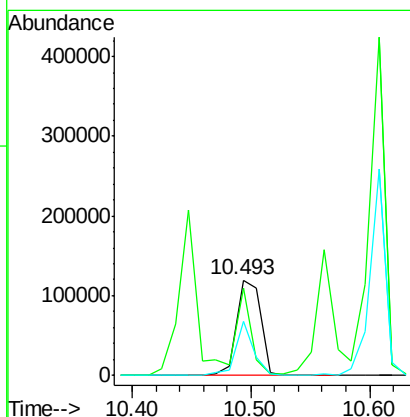
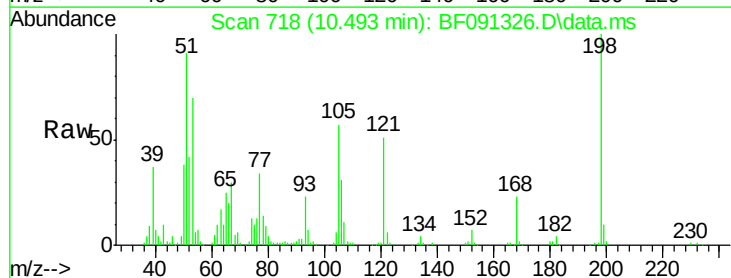
Tgt Ion:198 Resp: 170007

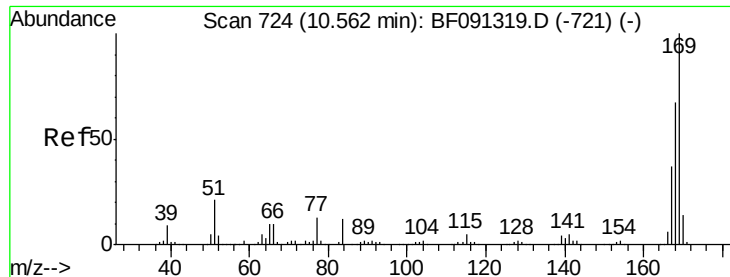
Ion Ratio Lower Upper

198 100

51 91.2 77.1 117.1

105 56.8 44.8 84.8

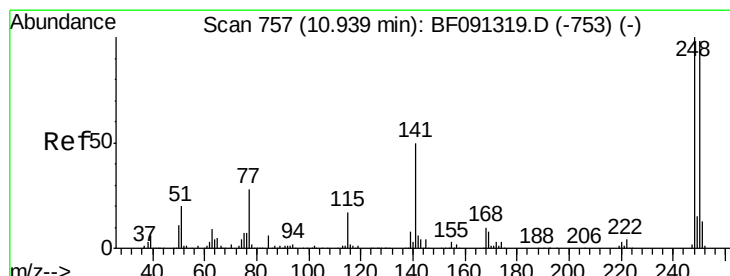
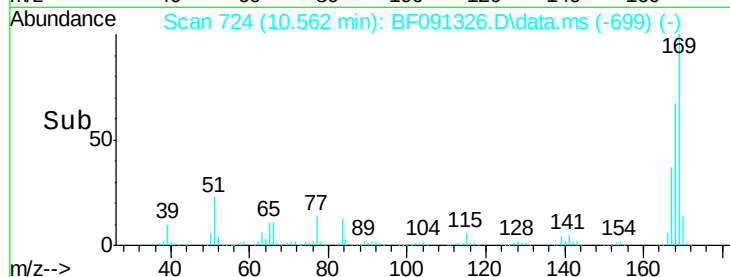
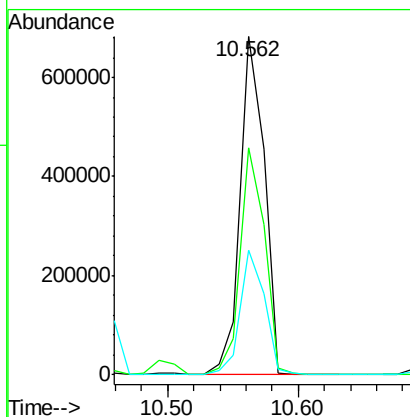
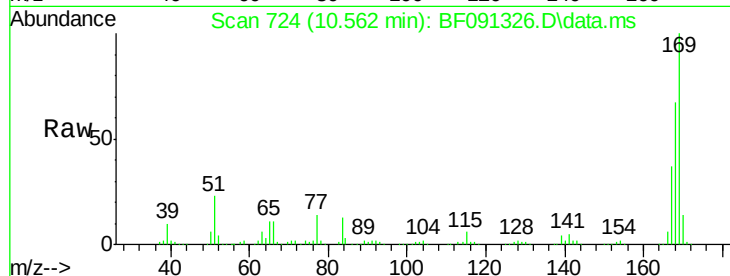




#65
 n-Nitrosodiphenylamine
 Concen: 37.61 ng
 RT: 10.562 min Scan# 72
 Delta R.T. -0.017 min
 Lab File: BF091326.D
 Acq: 29 Nov 2016 14:48

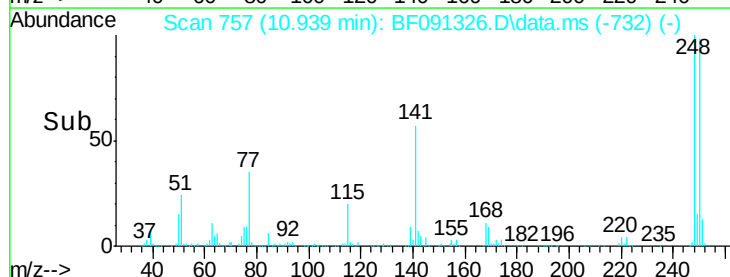
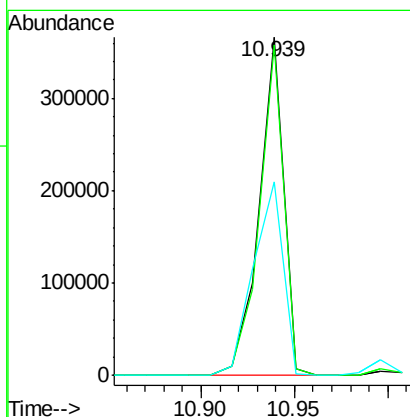
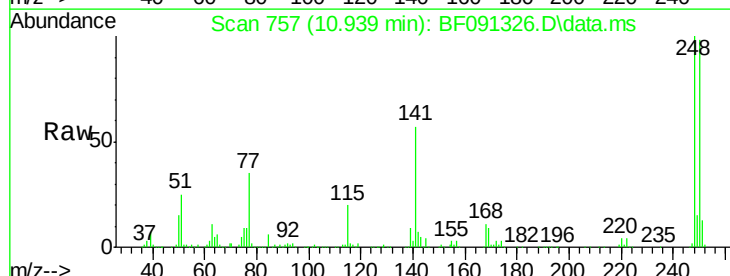
Instrument :
 BNA_F
 ClientSampleId :

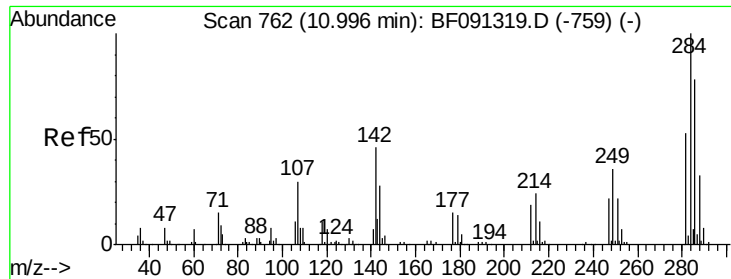
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.8	80.8
167	36.6	29.8	44.8



#66
 4-Bromophenyl-phenylether
 Concen: 40.34 ng
 RT: 10.939 min Scan# 757
 Delta R.T. -0.017 min
 Lab File: BF091326.D
 Acq: 29 Nov 2016 14:48

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.2	117.4
141	57.3	71.9	107.9#

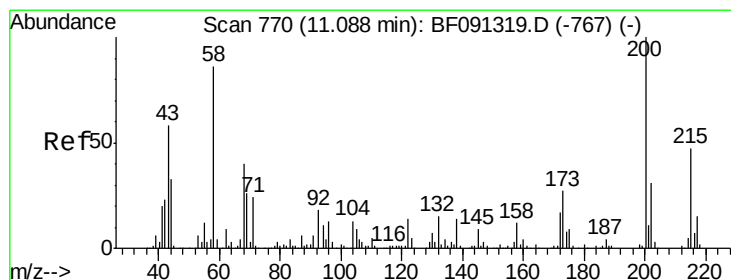
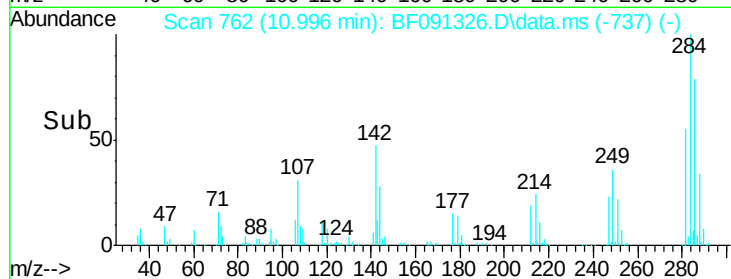
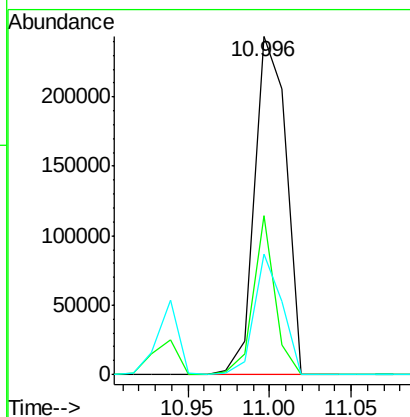
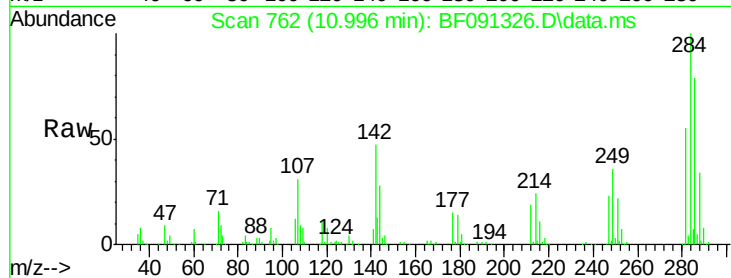




#67
Hexachlorobenzene
Concen: 36.75 ng
RT: 10.996 min Scan# 761
Delta R.T. -0.017 min
Lab File: BF091326.D
Acq: 29 Nov 2016 14:48

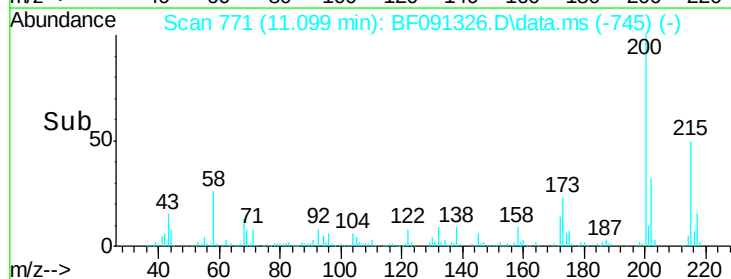
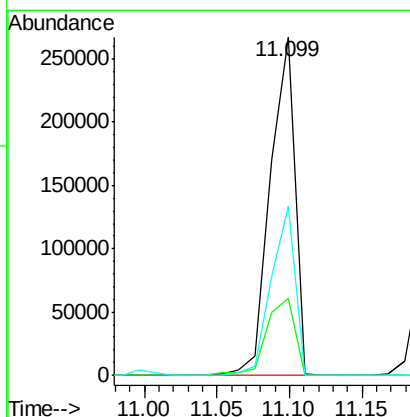
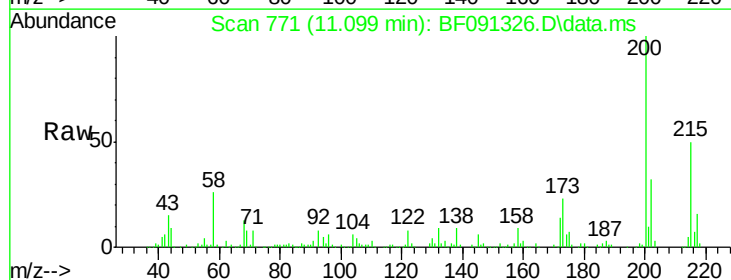
Instrument :
BNA_F
ClientSampleId :

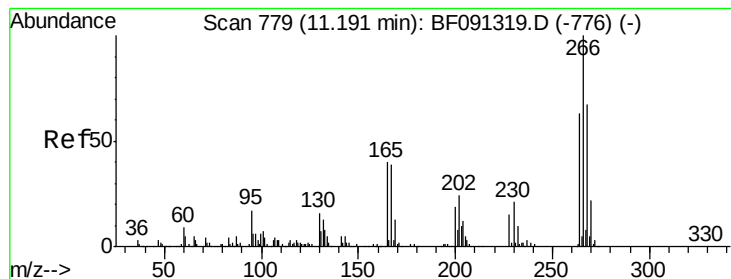
Tot Ion	Ratio	Lower	Upper
284	100		
142	47.0	17.9	26.9#
249	35.8	23.6	35.4#



#68
Atrazine
Concen: 41.91 ng
RT: 11.099 min Scan# 771
Delta R.T. -0.005 min
Lab File: BF091326.D
Acq: 29 Nov 2016 14:48

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.8	7.8	47.8
215	49.9	24.3	64.3





#69

Pentachlorophenol

Concen: 73.23 ng

RT: 11.190 min Scan# 779

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

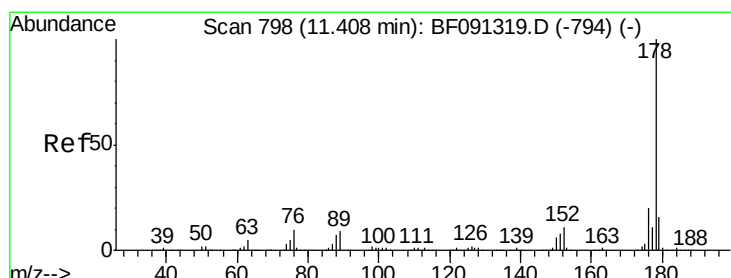
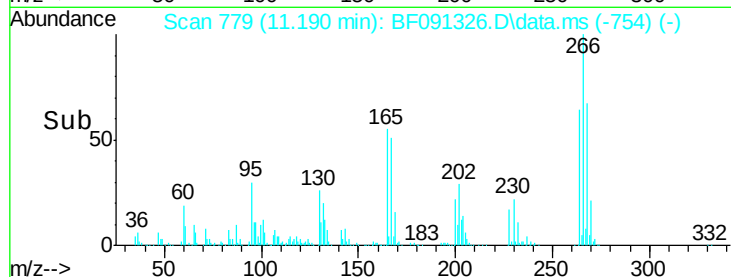
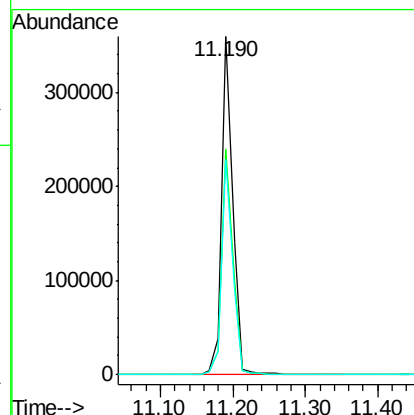
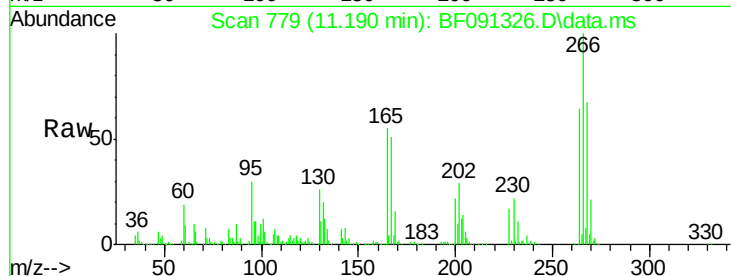
Tot Ion:266 Resp: 382784

Ion Ratio Lower Upper

266 100

268 66.8 50.3 75.5

264 63.6 48.2 72.2



#70

Phenanthrene

Concen: 37.55 ng

RT: 11.408 min Scan# 798

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

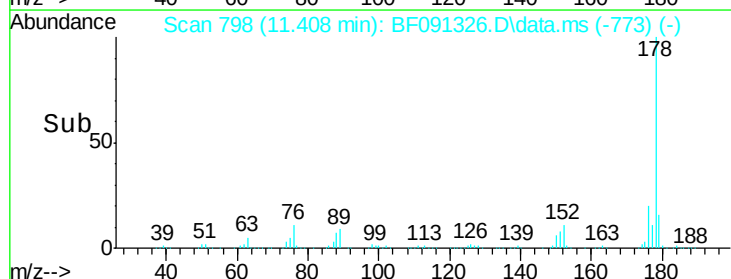
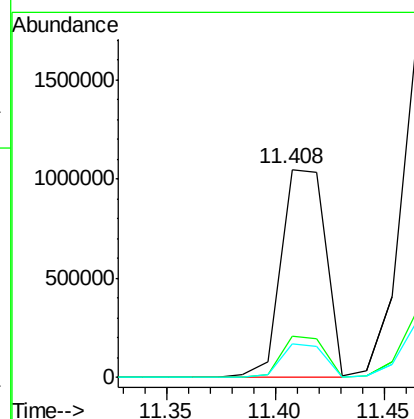
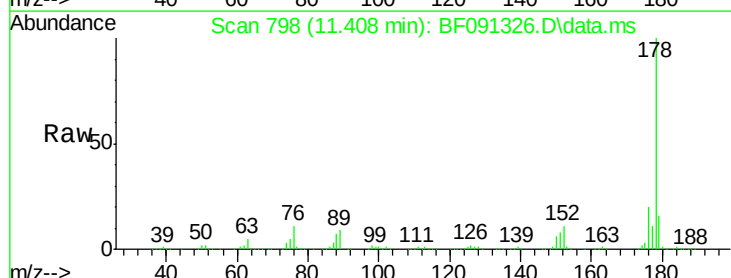
Tgt Ion:178 Resp: 1491471

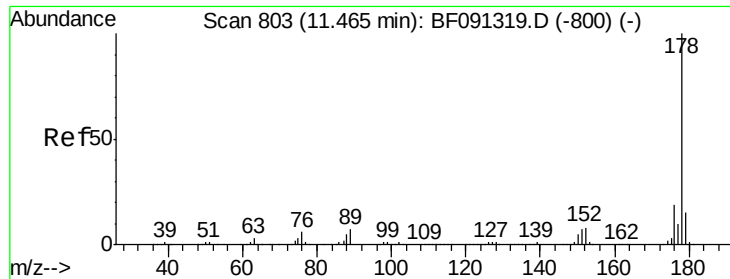
Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

179 16.1 12.6 18.8

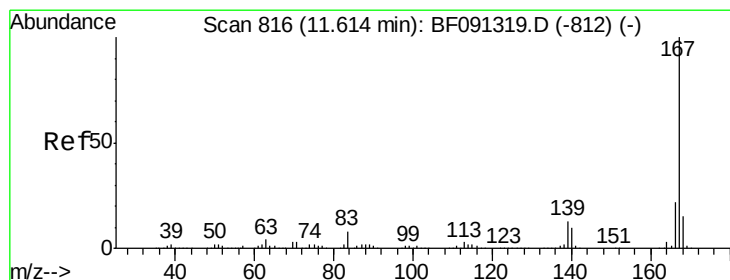
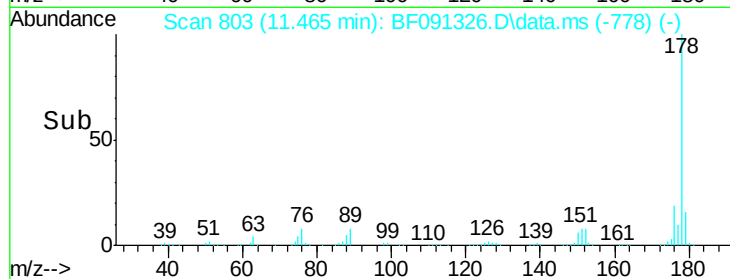
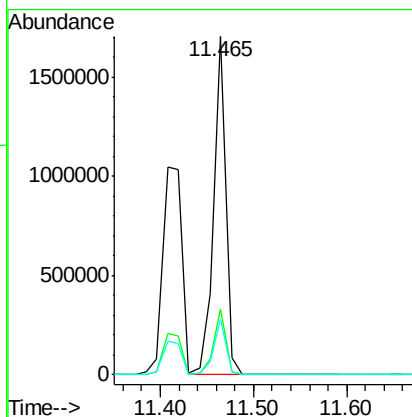
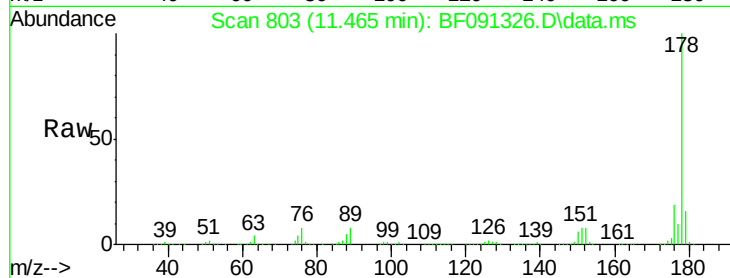




#71
 Anthracene
 Concen: 38.97 ng
 RT: 11.465 min Scan# 803
 Delta R.T. -0.017 min
 Lab File: BF091326.D
 Acq: 29 Nov 2016 14:48

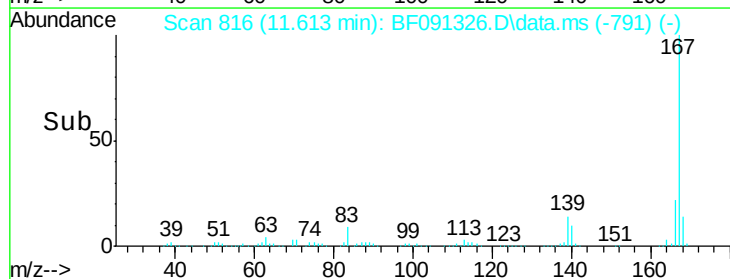
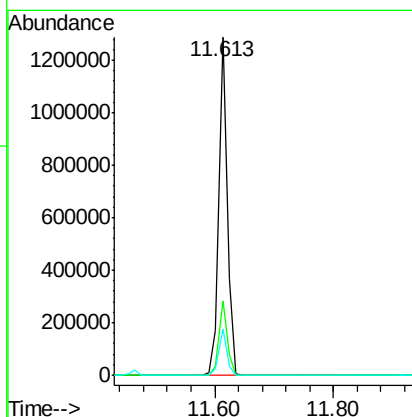
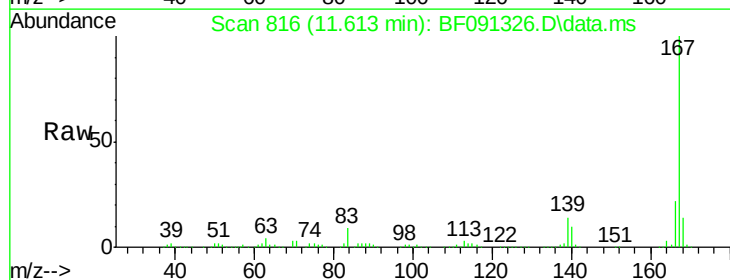
Instrument :
 BNA_F
 ClientSampleId :

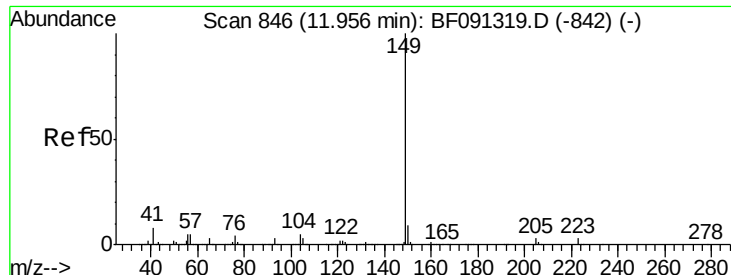
Tot Ion:178 Resp: 1536412
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.6
 179 16.2 12.7 19.1



#72
 Carbazole
 Concen: 35.41 ng
 RT: 11.613 min Scan# 816
 Delta R.T. -0.017 min
 Lab File: BF091326.D
 Acq: 29 Nov 2016 14:48

Tgt Ion:167 Resp: 1266860
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.7 11.5 17.3





#73

Di-n-butylphthalate

Concen: 41.05 ng

RT: 11.956 min Scan# 84

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

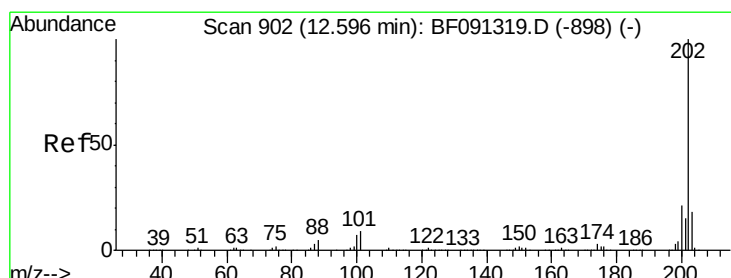
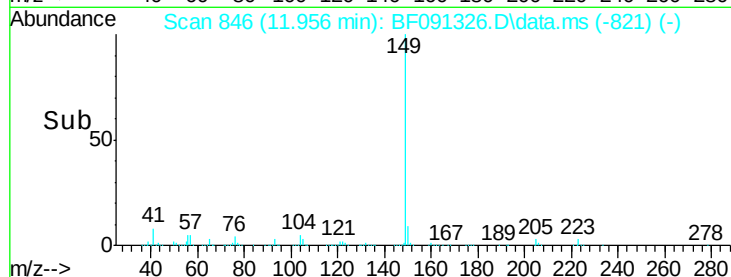
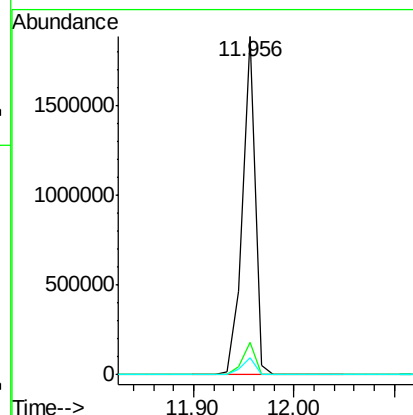
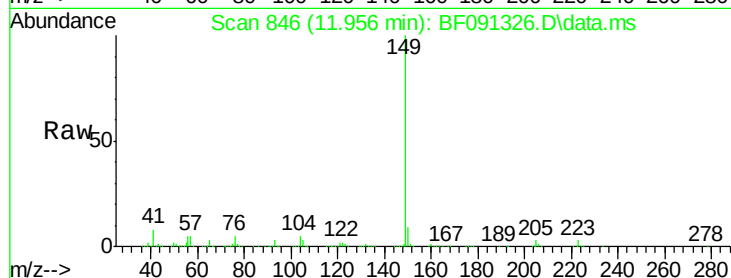
Tot Ion:149 Resp: 1664238

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

104 4.8 4.0 6.0



#74

Fluoranthene

Concen: 41.24 ng

RT: 12.596 min Scan# 902

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

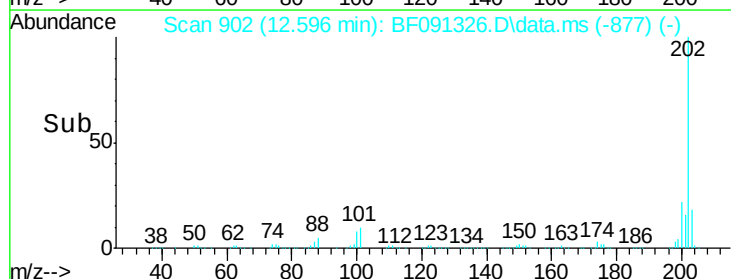
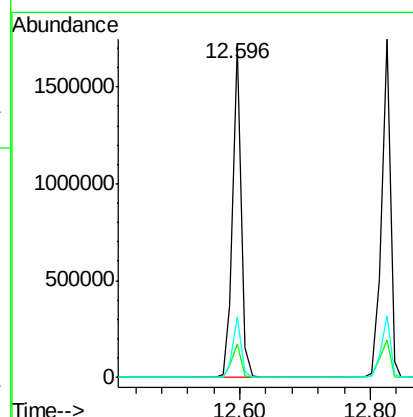
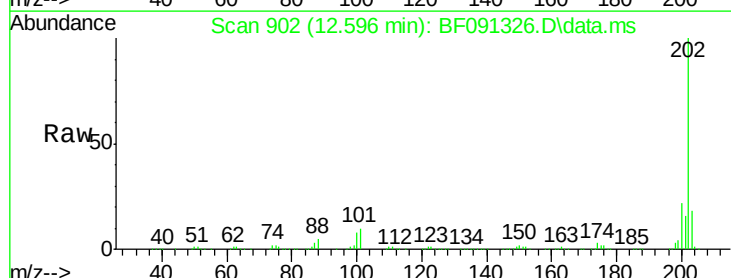
Tgt Ion:202 Resp: 1551648

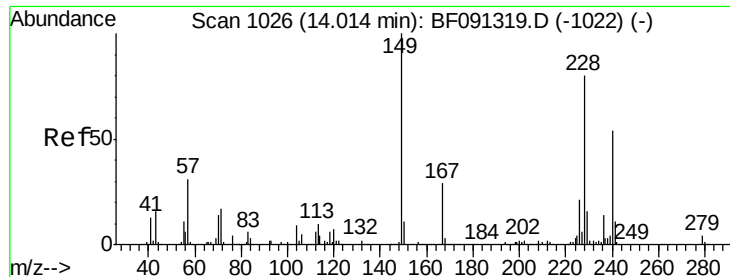
Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.5

203 18.2 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.025 min Scan# 10

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

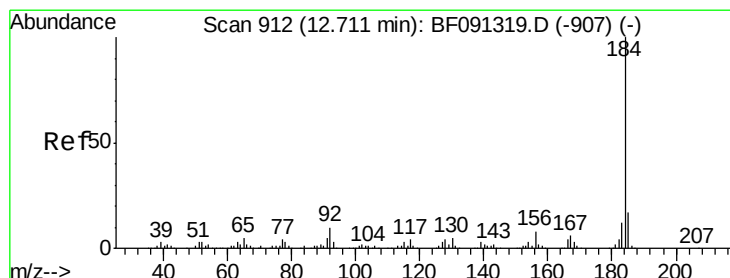
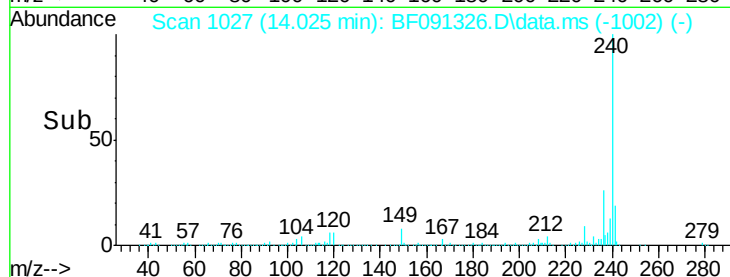
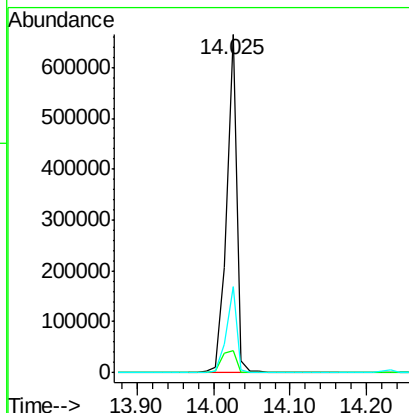
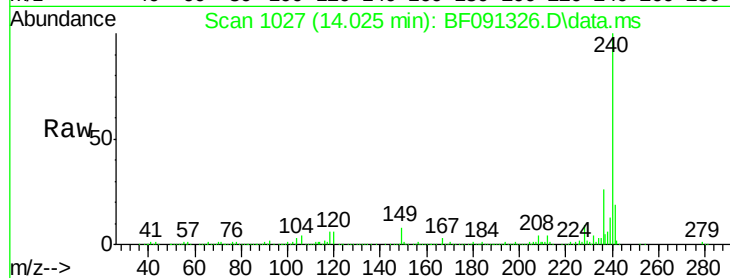
Tot Ion:240 Resp: 627614

Ion Ratio Lower Upper

240 100

120 6.4 12.1 18.1#

236 25.5 21.0 31.6



#76

Benzidine

Concen: 17.38 ng

RT: 12.711 min Scan# 912

Delta R.T. -0.016 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

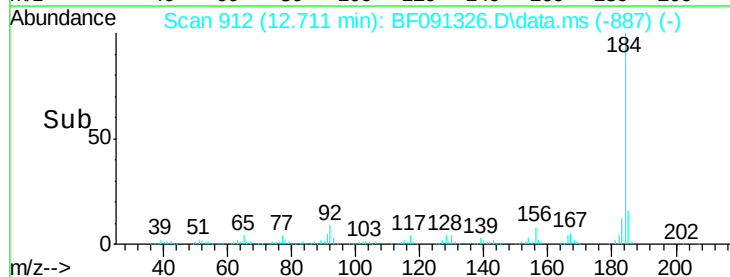
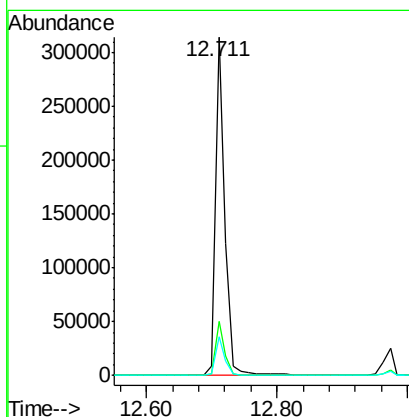
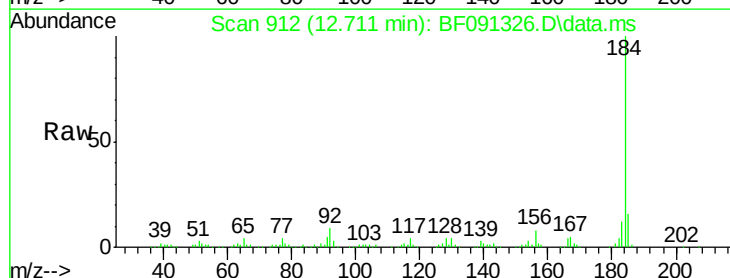
Tgt Ion:184 Resp: 320245

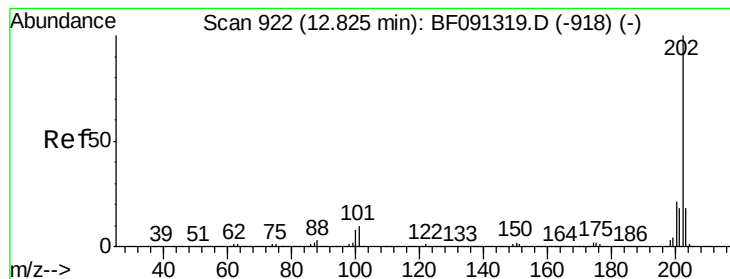
Ion Ratio Lower Upper

184 100

185 16.1 13.1 19.7

183 11.5 8.9 13.3





#77

Pvrene

Concen: 34.03 ng

RT: 12.825 min Scan# 92

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

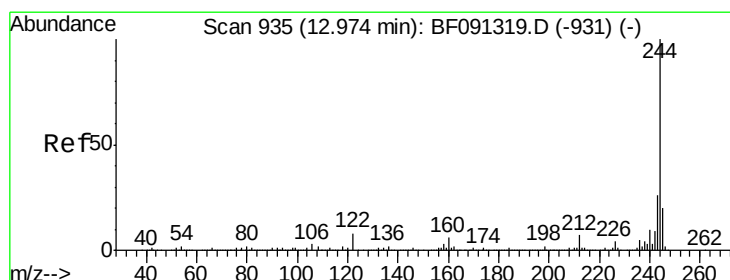
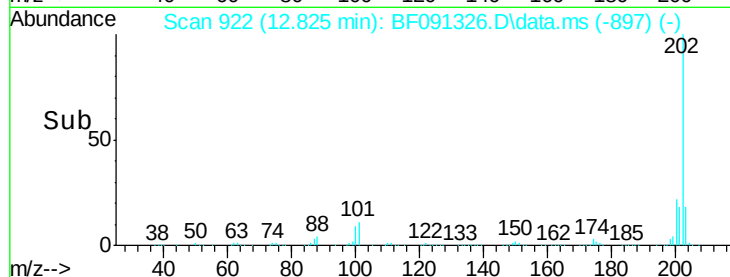
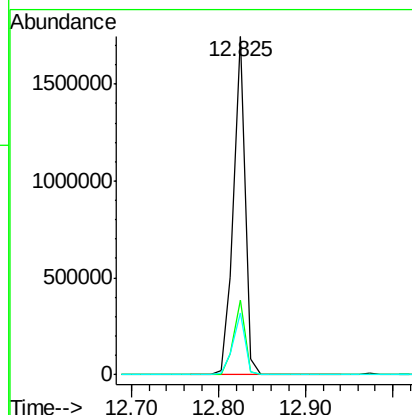
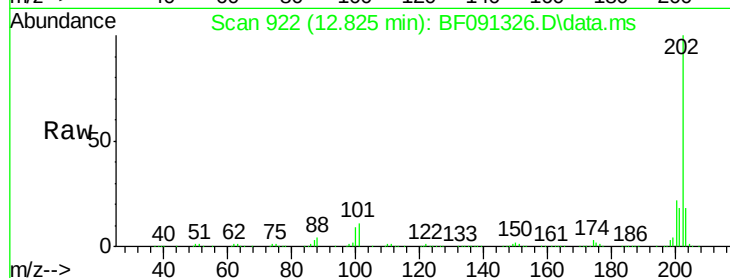
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1620706

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	18.2	14.0	21.0



#78

Terphenyl-d14

Concen: 66.52 ng

RT: 12.974 min Scan# 935

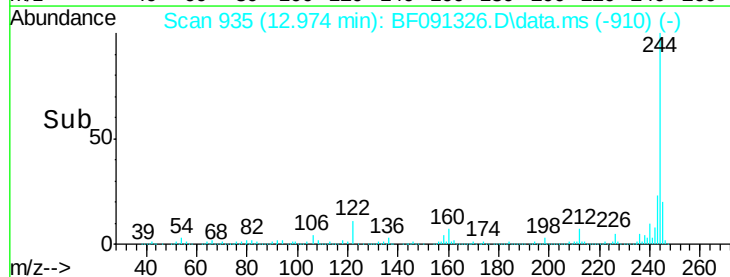
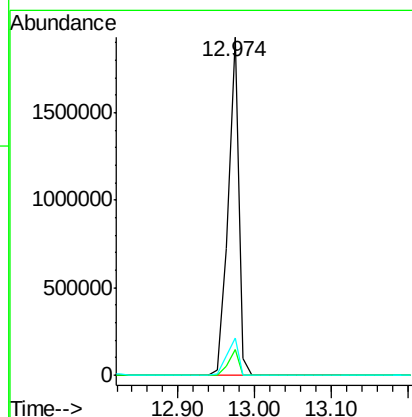
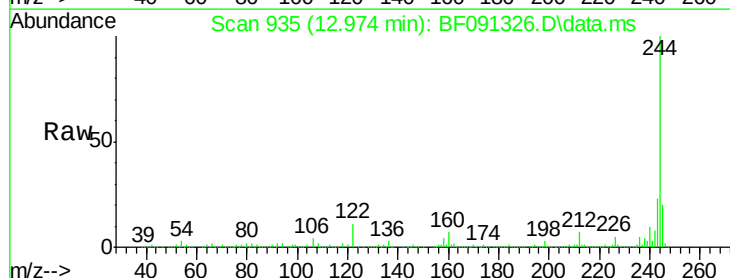
Delta R.T. -0.017 min

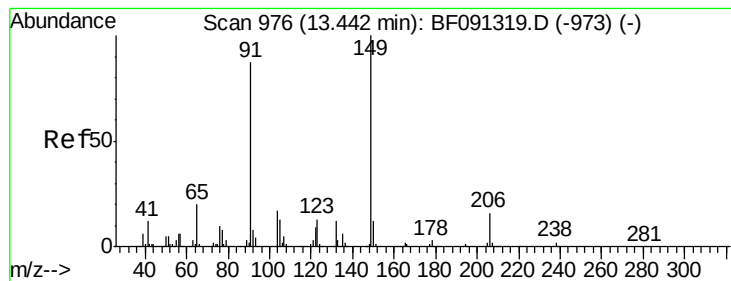
Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Tgt Ion:244 Resp: 1920862

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	10.9	9.5	14.3





#79

Butylbenzylphthalate

Concen: 39.83 ng

RT: 13.454 min Scan# 97

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

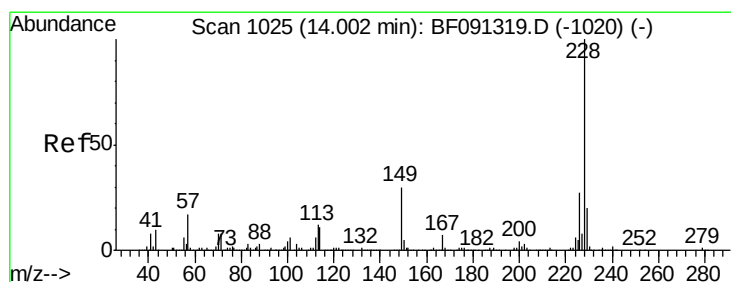
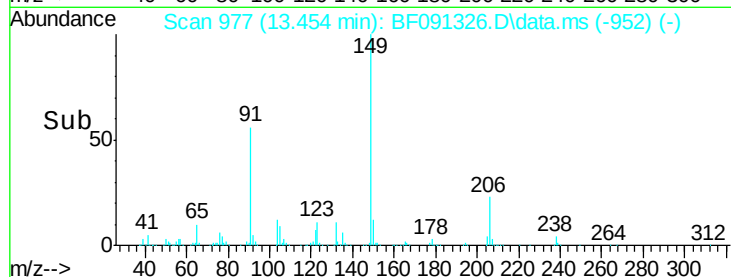
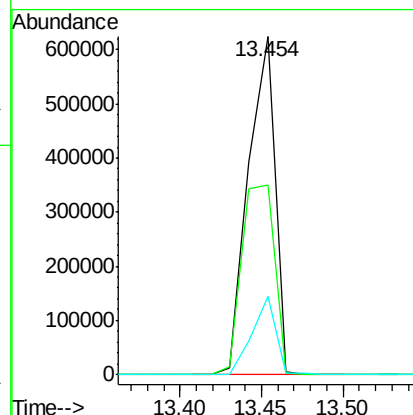
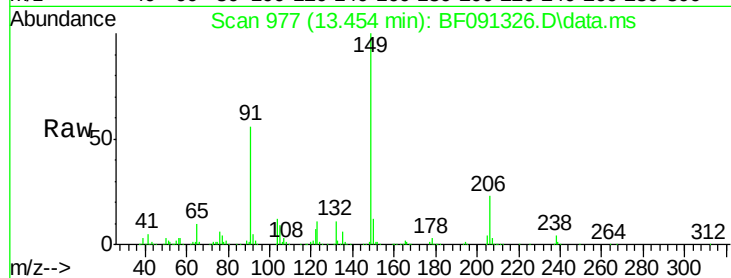
Tot Ion:149 Resp: 710304

Ion Ratio Lower Upper

149 100

91 56.0 57.4 86.2#

206 23.2 15.4 23.2#



#80

Benzo(a)anthracene

Concen: 35.00 ng

RT: 14.014 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

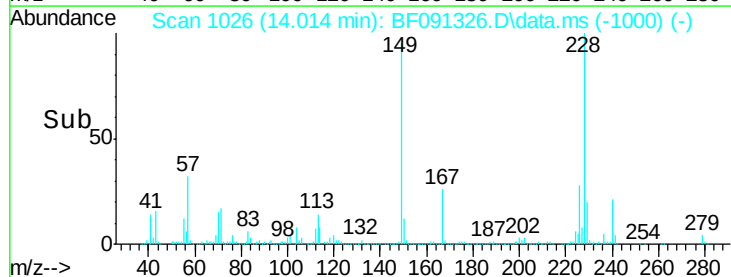
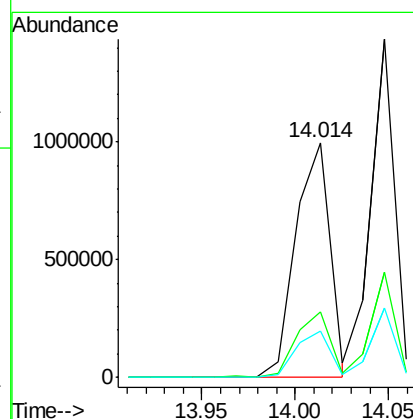
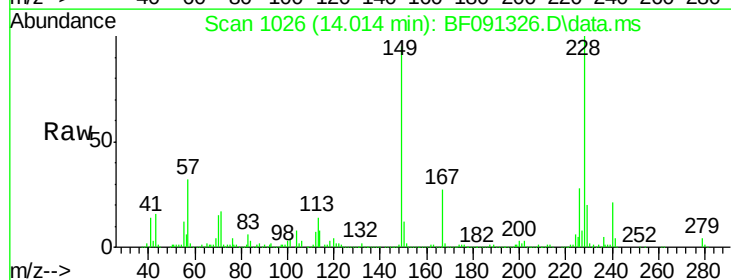
Tgt Ion:228 Resp: 1284795

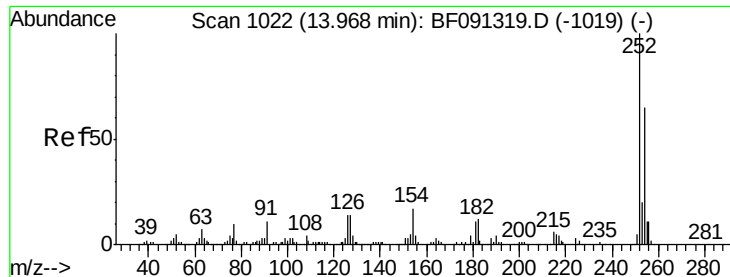
Ion Ratio Lower Upper

228 100

226 27.7 22.5 33.7

229 19.7 16.4 24.6

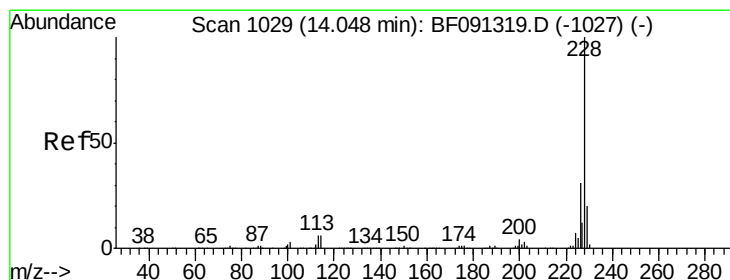
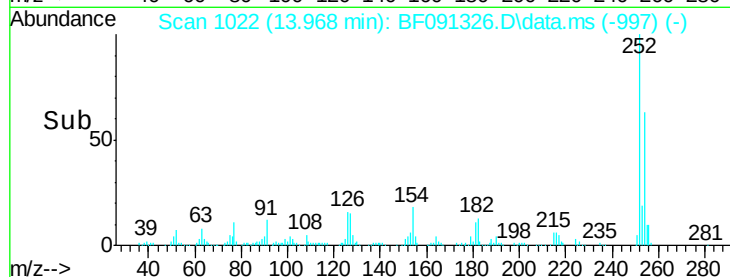
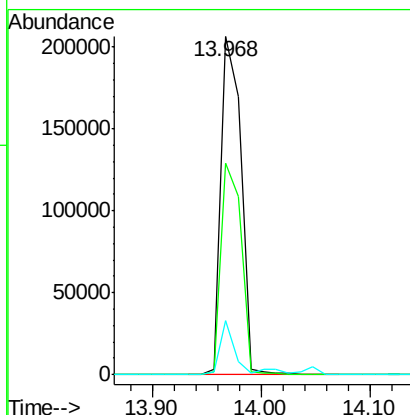
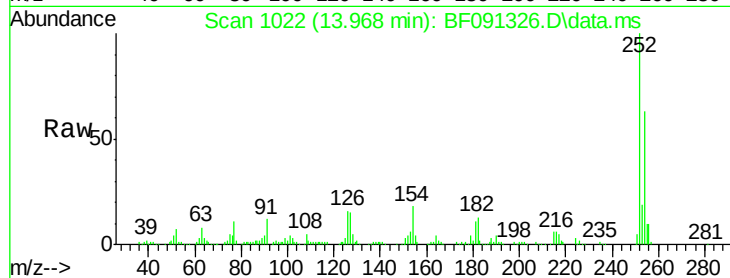




#81
 3,3'-Dichlorobenzidine
 Concen: 20.50 ng
 RT: 13.968 min Scan# 1022
 Delta R.T. -0.017 min
 Lab File: BF091326.D
 Acq: 29 Nov 2016 14:48

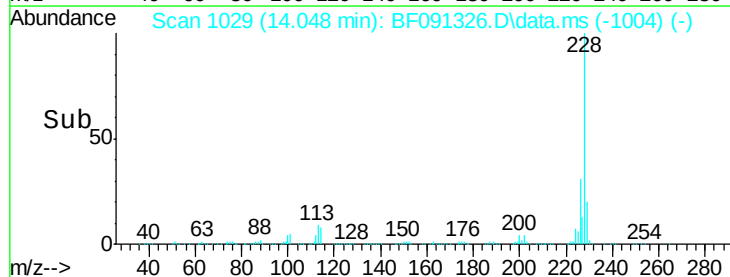
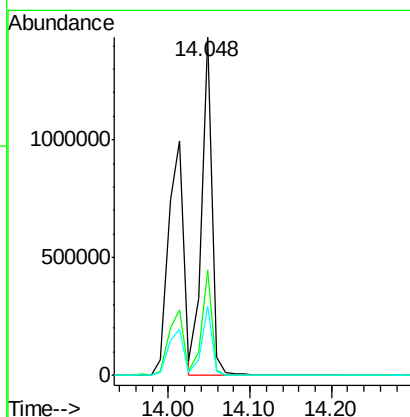
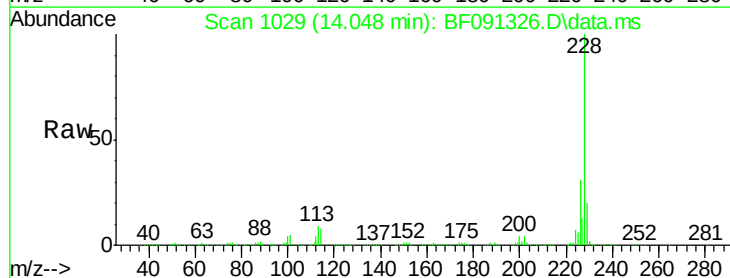
Instrument :
 BNA_F
 ClientSampleId :

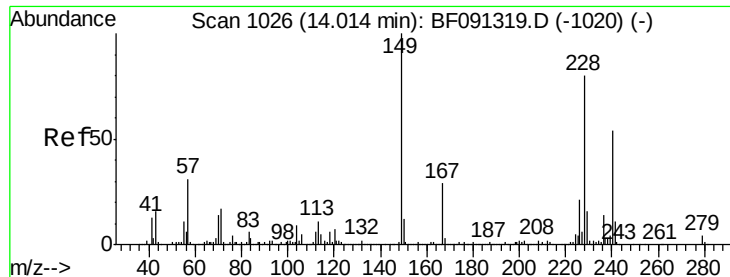
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	52.1	78.1
126	15.8	7.5	11.3



#82
 Chrysene
 Concen: 35.26 ng
 RT: 14.048 min Scan# 1029
 Delta R.T. -0.017 min
 Lab File: BF091326.D
 Acq: 29 Nov 2016 14:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.4
229	20.5	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.68 ng

RT: 14.014 min Scan# 1026

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampled :

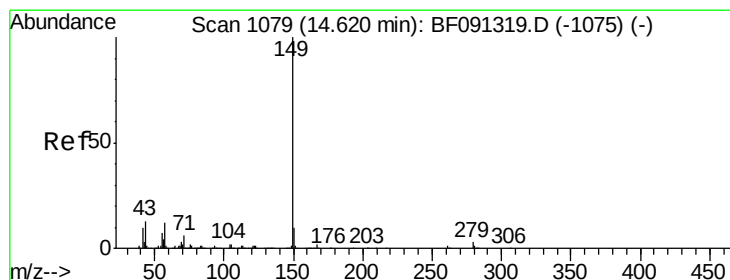
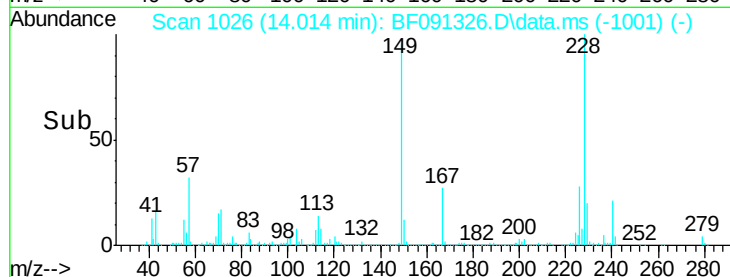
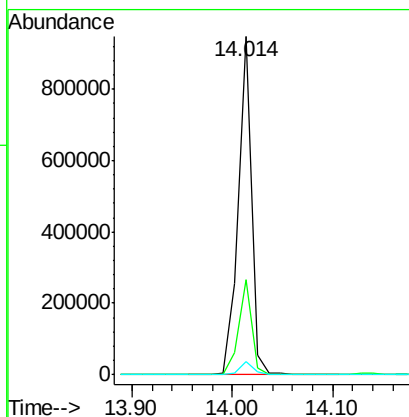
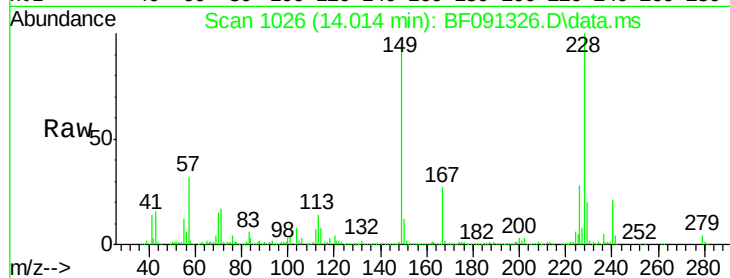
Tot Ion:149 Resp: 874361

Ion Ratio Lower Upper

149 100

167 27.9 19.6 29.4

279 3.8 1.9 2.9#



#84

Di-n-octyl phthalate

Concen: 40.61 ng

RT: 14.619 min Scan# 1079

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

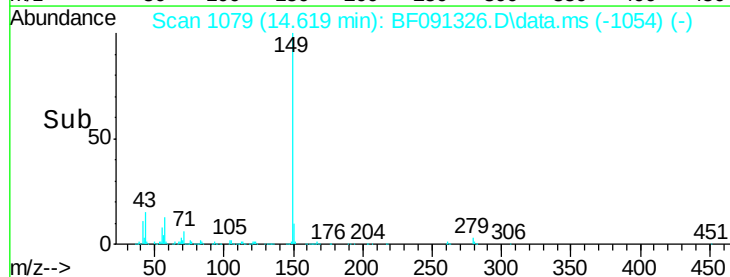
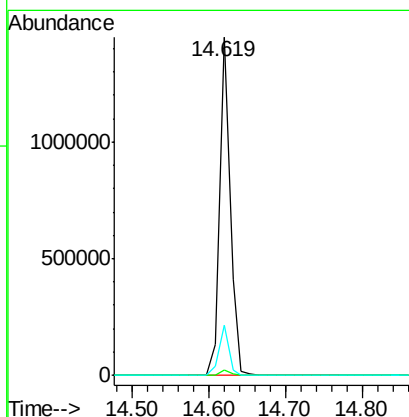
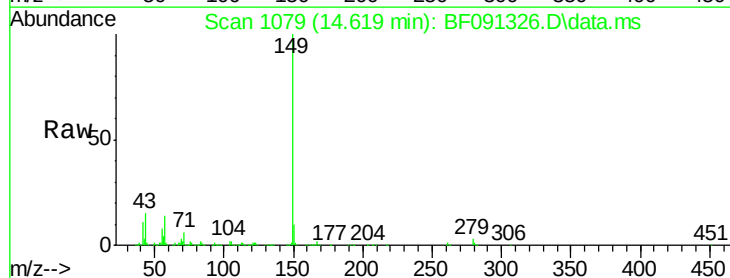
Tgt Ion:149 Resp: 1389322

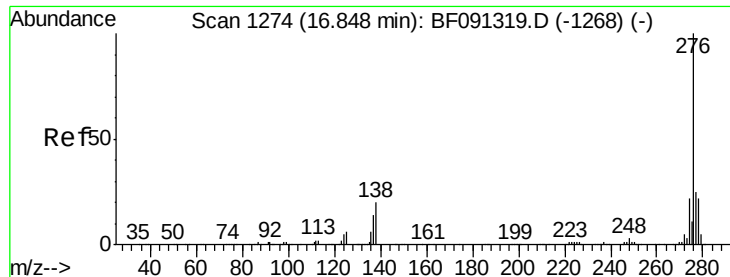
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.6 11.9 17.9

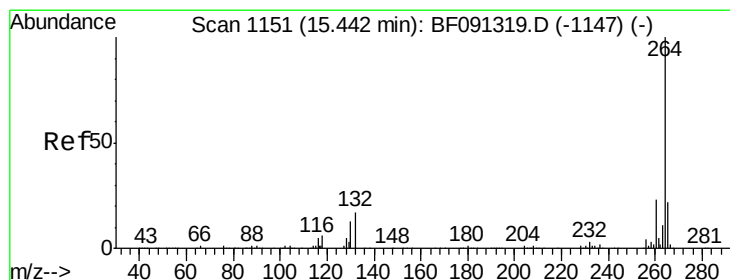
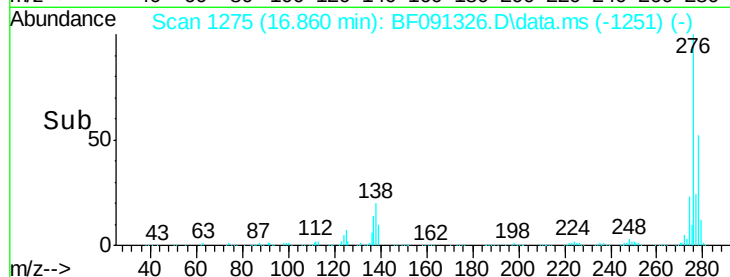
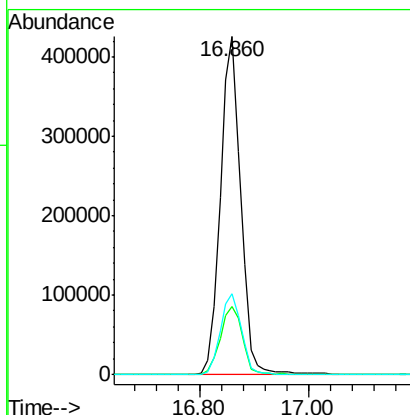
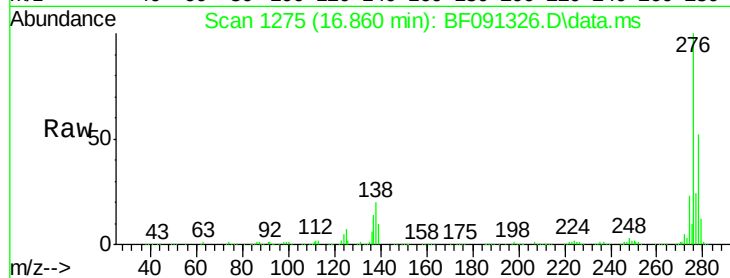




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.36 ng
 RT: 16.860 min Scan# 1274
 Delta R.T. -0.029 min
 Lab File: BF091326.D
 Acq: 29 Nov 2016 14:48

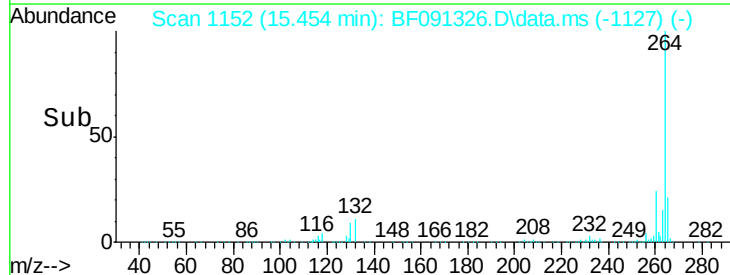
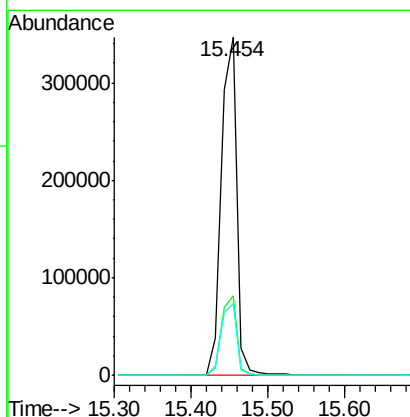
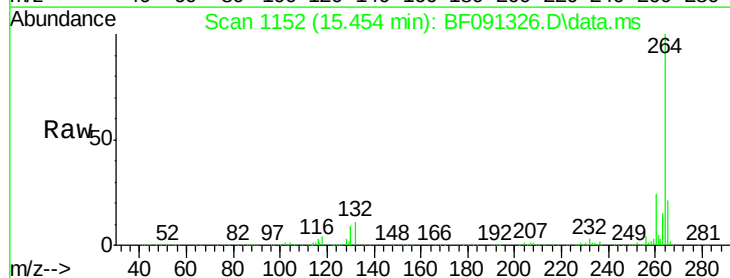
Instrument :
 BNA_F
 ClientSampleId :

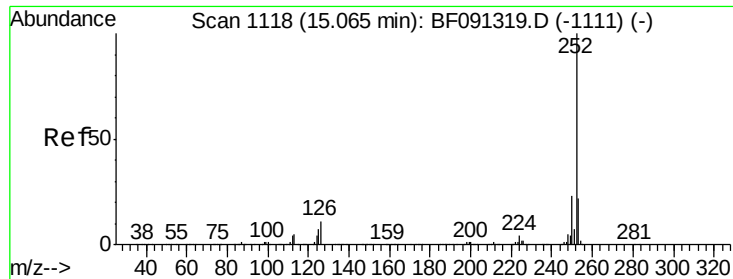
Tot Ion:276 Resp: 1109381
 Ion Ratio Lower Upper
 276 100
 138 22.0 21.0 31.4
 277 25.0 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.454 min Scan# 1152
 Delta R.T. -0.017 min
 Lab File: BF091326.D
 Acq: 29 Nov 2016 14:48

Tgt Ion:264 Resp: 494943
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.3 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 39.41 ng

RT: 15.042 min Scan# 1116

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

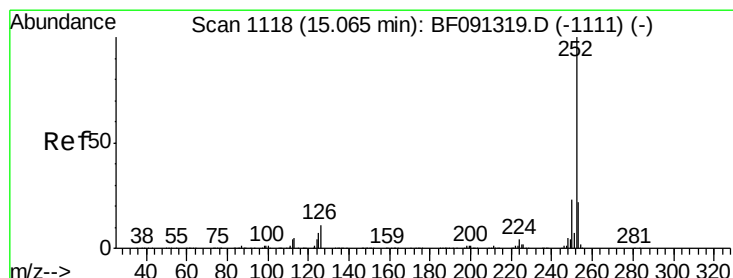
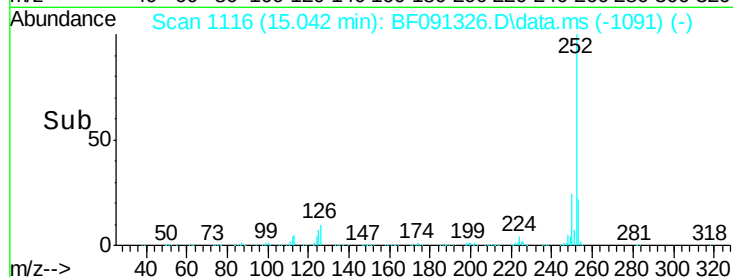
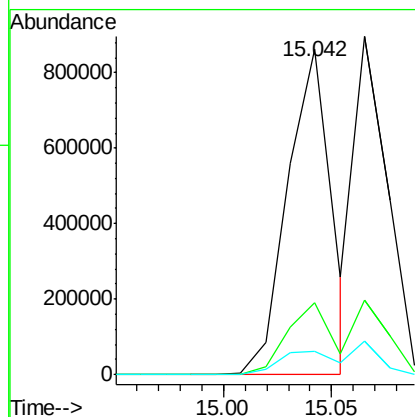
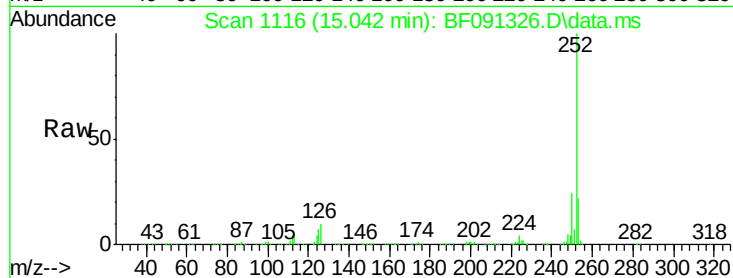
Tot Ion:252 Resp: 1212485

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

125 7.1 8.6 13.0#



#88

Benzo(k)fluoranthene

Concen: 46.87 ng

RT: 15.042 min Scan# 1116

Delta R.T. -0.040 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

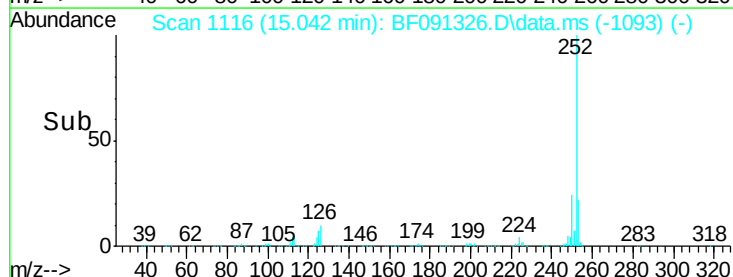
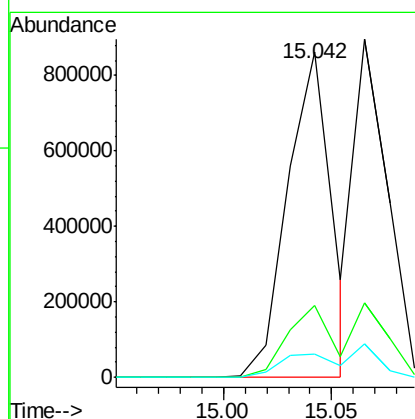
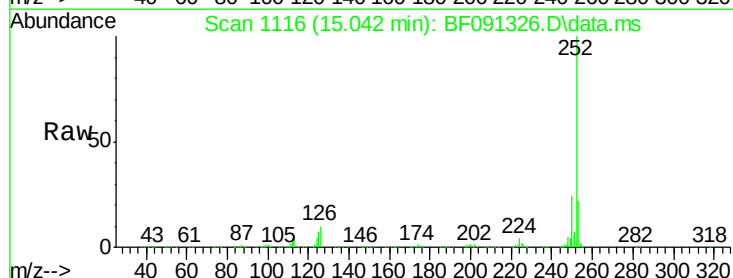
Tgt Ion:252 Resp: 1212485

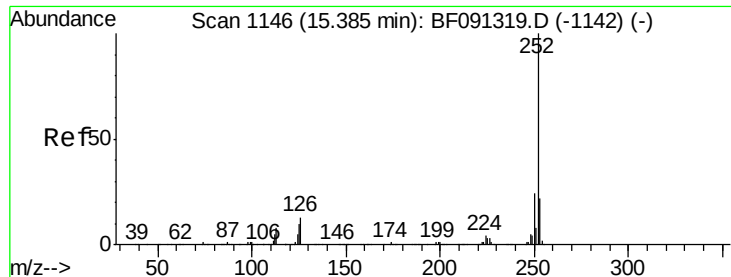
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 7.1 9.6 14.4#





#89

Benzo(a)pyrene

Concen: 37.98 ng

RT: 15.397 min Scan# 1146

Delta R.T. -0.017 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

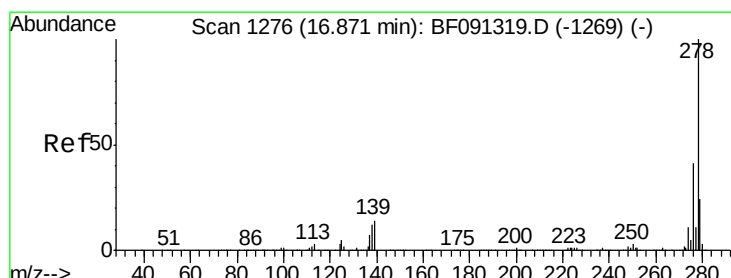
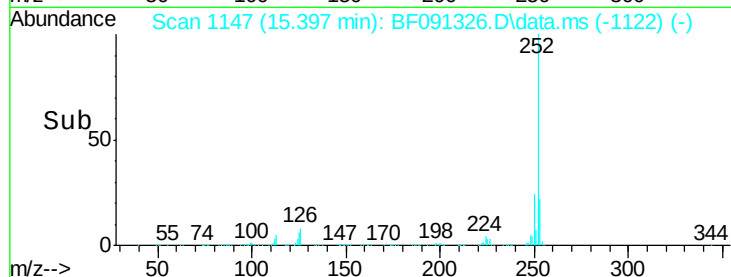
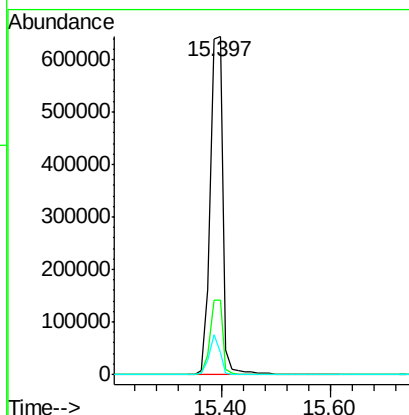
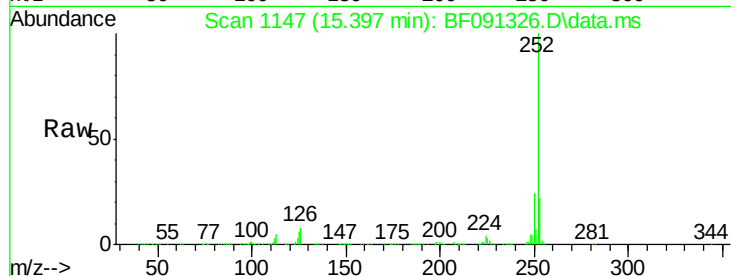
Tot Ion:252 Resp: 1049361

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.4

125 6.4 10.4 15.6#



#90

Dibenzo(a,h)anthracene

Concen: 36.54 ng

RT: 16.871 min Scan# 1276

Delta R.T. -0.040 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

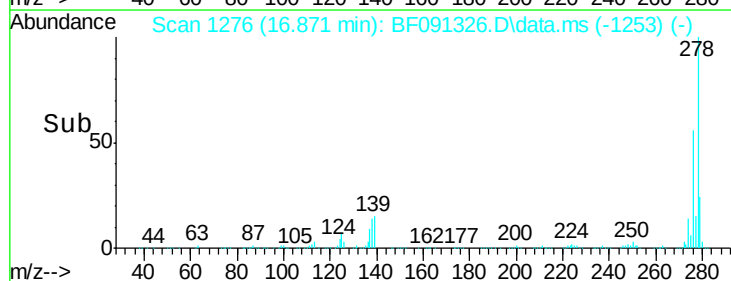
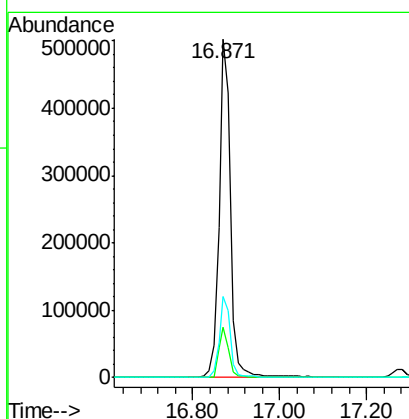
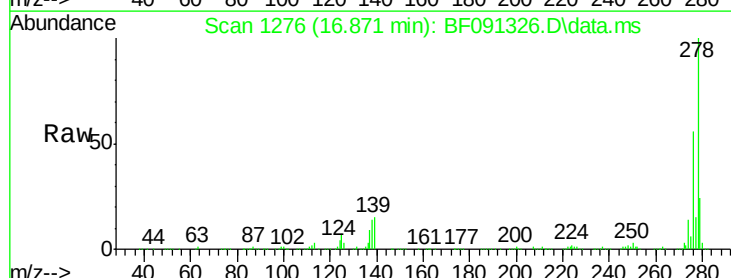
Tgt Ion:278 Resp: 933665

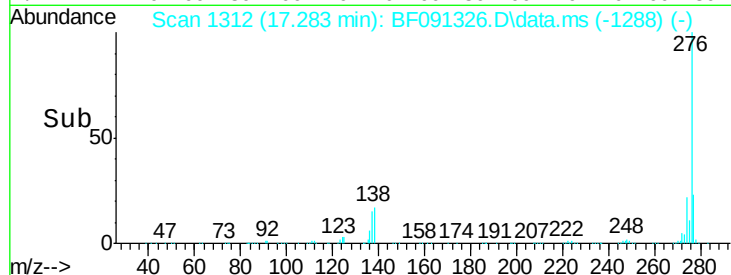
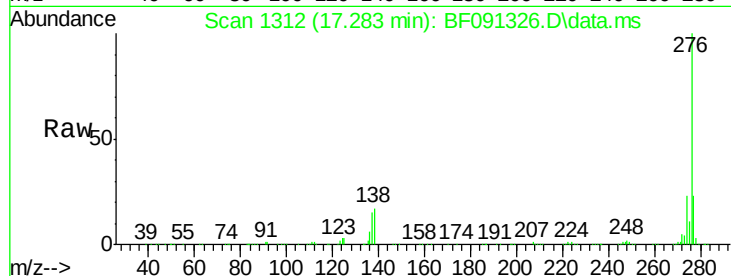
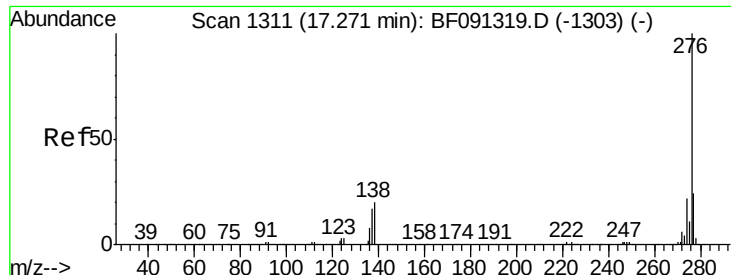
Ion Ratio Lower Upper

278 100

139 14.8 15.1 22.7#

279 23.9 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 36.29 ng

RT: 17.283 min Scan# 131

Delta R.T. -0.029 min

Lab File: BF091326.D

Acq: 29 Nov 2016 14:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 956075

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 17.1 15.4 23.0

