

Data Path : Z:\HPCHEM1\BNA F\Data\BF112916\
 Data File : BF091327.D
 Acq On : 29 Nov 2016 15:16
 Operator : UM/SJ
 Sample : PB94895BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 16:25:03 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	187976	20.00	ng	0.00
21) Naphthalene-d8	8.150	136	723125	20.00	ng	-0.02
38) Acenaphthene-d10	9.910	164	427305	20.00	ng	0.00
63) Phenanthrene-d10	11.385	188	653685	20.00	ng	-0.02
75) Chrysene-d12	14.014	240	396260	20.00	ng	-0.03
86) Perylene-d12	15.442	264	402270	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.476	112	1266225	110.04	ng	0.00
7) Phenol-d6	6.504	99	1766495	124.71	ng	0.00
23) Nitrobenzene-d5	7.430	82	1037049	80.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.699	330	490491	121.25	ng	0.00
44) 2-Fluorobiphenyl	9.236	172	2055133	87.08	ng	0.00
78) Terphenyl-d14	12.973	244	1681435	92.23	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.538	88	183533	35.26	ng	88
3) Pyridine	3.258	79	527657	35.82	ng	# 84
4) n-Nitrosodimethylamine	3.212	42	312457	40.42	ng	93
6) Aniline	6.527	93	567149	30.14	ng	# 71
8) 2-Chlorophenol	6.653	128	525253	41.63	ng	90
9) Benzaldehyde	6.401	77	34172	3.75	ng	99
10) Phenol	6.516	94	727355	43.64	ng	99
11) bis(2-Chloroethyl)ether	6.607	93	526159	44.18	ng	97
12) 1,3-Dichlorobenzene	7.041	146	530277	37.79	ng	97
13) 1,4-Dichlorobenzene	6.881	146	522325	37.42	ng	96
14) 1,2-Dichlorobenzene	7.041	146	530296	40.78	ng	94
15) Benzyl Alcohol	7.007	79	433251	38.22	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.156	45	1036954	40.50	ng	74
17) 2-Methylphenol	7.121	107	402234	40.33	ng	# 76
18) Hexachloroethane	7.384	117	209530	42.27	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	355847	39.88	ng	# 97
20) 3+4-Methylphenols	7.270	107	502914	41.31	ng	# 69
22) Acetophenone	7.281	105	690352	40.28	ng	# 88
24) Nitrobenzene	7.453	77	593612	44.93	ng	# 82
25) Isophorone	7.693	82	994964	43.52	ng	99
26) 2-Nitrophenol	7.762	139	249088	41.37	ng	99
27) 2,4-Dimethylphenol	7.807	122	491352	43.63	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	601508	43.71	ng	# 97
29) 2,4-Dichlorophenol	8.013	162	412863	41.67	ng	89
30) 1,2,4-Trichlorobenzene	8.093	180	470730	42.38	ng	99
31) Naphthalene	8.173	128	1412345	41.10	ng	100
32) Benzoic acid	7.933	122	343826	41.41	ng	92
33) 4-Chloroaniline	8.219	127	316026	21.51	ng	98
34) Hexachlorobutadiene	8.299	225	296138	43.36	ng	99
35) Caprolactam	8.584	113	92677	32.55	ng	95
36) 4-Chloro-3-methylphenol	8.699	107	416905	38.98	ng	99
37) 2-Methylnaphthalene	8.870	142	974851	41.75	ng	95
39) 1,2,4,5-Tetrachloroben...	9.030	216	399873	33.20	ng	99
40) Hexachlorocyclopentadiene	9.019	237	529861	94.89	ng	98

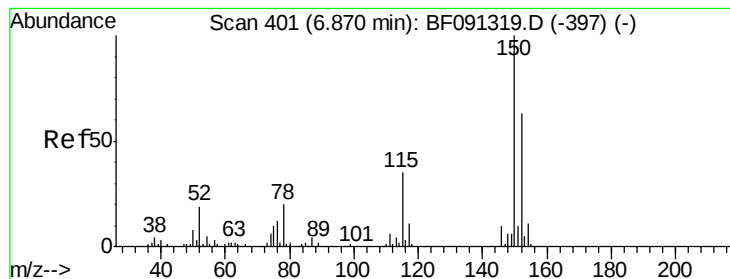
Data Path : Z:\HPCHEM1\BNA F\Data\BF112916\
 Data File : BF091327.D
 Acq On : 29 Nov 2016 15:16
 Operator : UM/SJ
 Sample : PB94895BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 16:25:03 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)
42) 2,4,6-Trichlorophenol	9.145	196	340985	43.55	nq	96
43) 2,4,5-Trichlorophenol	9.190	196	293392	37.40	nq	94
45) 1,1'-Biphenyl	9.327	154	1057772	34.43	nq	98
46) 2-Chloronaphthalene	9.350	162	835306	36.50	nq	99
47) 2-Nitroaniline	9.442	65	278261	33.86	nq	# 73
48) Acenaphthylene	9.773	152	1399679	38.86	nq	99
49) Dimethylphthalate	9.636	163	1052425	40.68	nq	98
50) 2,6-Dinitrotoluene	9.693	165	249664	43.17	nq	# 69
51) Acenaphthene	9.945	154	1040413	42.82	nq	95
52) 3-Nitroaniline	9.853	138	153696	22.96	nq	91
53) 2,4-Dinitrophenol	9.967	184	236342	93.46	nq	# 69
54) Dibenzofuran	10.116	168	1333173	40.98	nq	93
55) 4-Nitrophenol	10.013	139	320713	66.34	nq	97
56) 2,4-Dinitrotoluene	10.093	165	324249	43.22	nq	# 80
57) Fluorene	10.459	166	969812	38.83	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.230	232	285339	42.59	nq	94
59) Diethylphthalate	10.333	149	966371	37.84	nq	97
60) 4-Chlorophenyl-phenyle...	10.448	204	441066	35.21	nq	# 88
61) 4-Nitroaniline	10.470	138	220415	35.07	nq	95
62) Azobenzene	10.608	77	1105472	42.42	nq	91
64) 4,6-Dinitro-2-methylph...	10.493	198	146481	40.67	nq	85
65) n-Nitrosodiphenylamine	10.562	169	801885	40.46	nq	98
66) 4-Bromophenyl-phenylether	10.939	248	323168	46.00	nq	# 81
67) Hexachlorobenzene	10.996	284	298638	39.33	nq	# 73
68) Atrazine	11.088	200	255353	39.78	nq	98
69) Pentachlorophenol	11.190	266	340411	76.16	nq	96
70) Phenanthrene	11.408	178	1308660	38.53	nq	99
71) Anthracene	11.465	178	1428309	42.37	nq	99
72) Carbazole	11.613	167	1124252	36.75	nq	99
73) Di-n-butylphthalate	11.956	149	1471041	42.43	nq	100
74) Fluoranthene	12.596	202	1341056	41.68	nq	99
76) Benzidine	12.711	184	267837	23.02	nq	99
77) Pyrene	12.825	202	1359667	45.21	nq	99
79) Butylbenzylphthalate	13.442	149	475643	42.24	nq	86
80) Benzo(a)anthracene	14.002	228	973888	42.03	nq	98
81) 3,3'-Dichlorobenzidine	13.968	252	241590	29.59	nq	# 98
82) Chrysene	14.048	228	991196	43.23	nq	99
83) Bis(2-ethylhexyl)phtha...	14.014	149	639653	44.81	nq	# 93
84) Di-n-octyl phthalate	14.619	149	1011588	46.84	nq	97
85) Indeno(1,2,3-cd)pyrene	16.860	276	1168287	55.64	nq	95
87) Benzo(b)fluoranthene	15.065	252	1821270	72.84	nq	97
88) Benzo(k)fluoranthene	15.065	252	1822103	86.66	nq	# 97
89) Benzo(a)pyrene	15.385	252	893503	39.79	nq	97
90) Dibenzo(a,h)anthracene	16.871	278	956379	46.05	nq	96
91) Benzo(g,h,i)perylene	17.282	276	994392	46.44	nq	98

(#) = 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: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

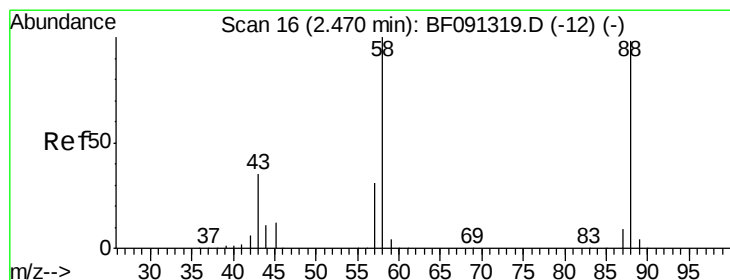
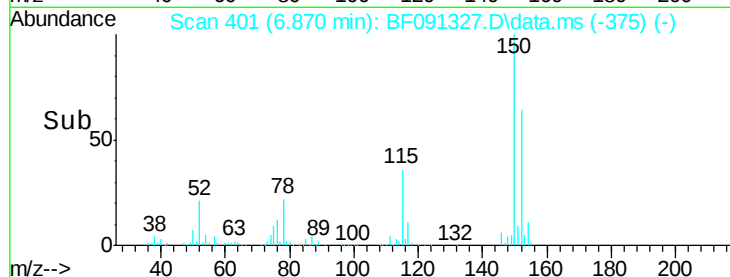
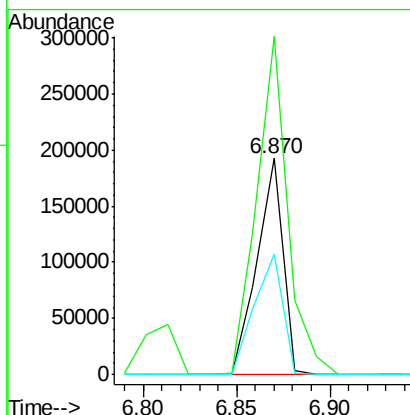
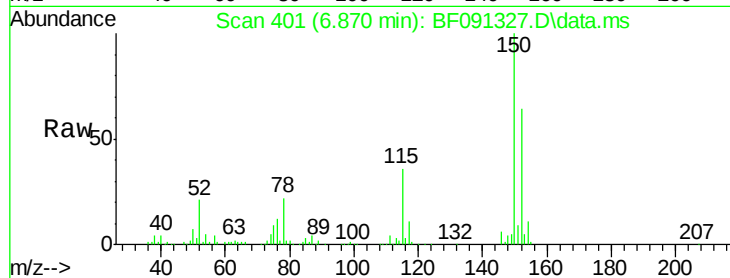
Tot Ion:152 Resp: 187976

Ion Ratio Lower Upper

152 100

150 156.6 122.5 183.7

115 55.7 51.8 77.8



#2

1,4-Dioxane

Concen: 35.26 ng

RT: 2.538 min Scan# 22

Delta R.T. 0.040 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

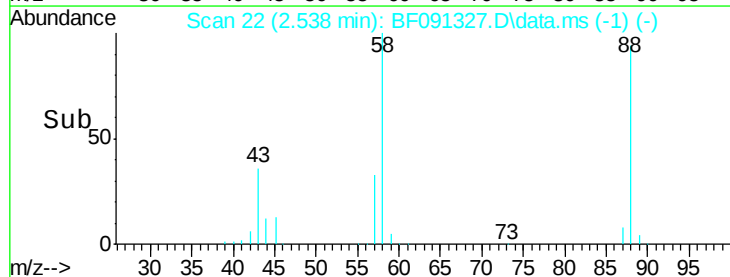
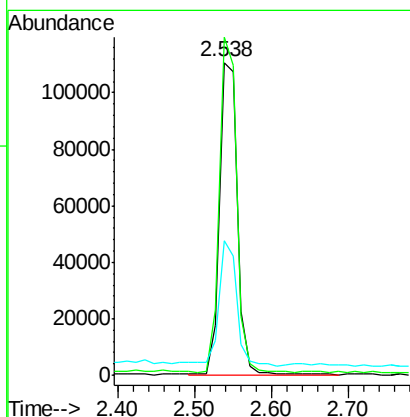
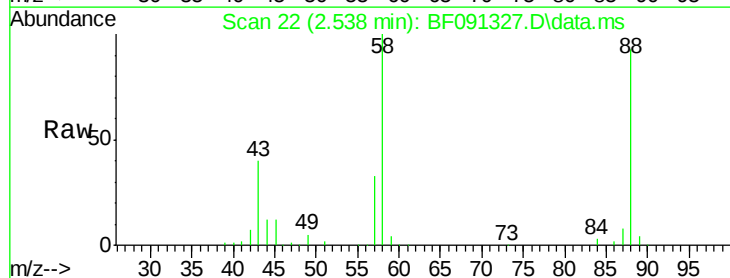
Tgt Ion: 88 Resp: 183533

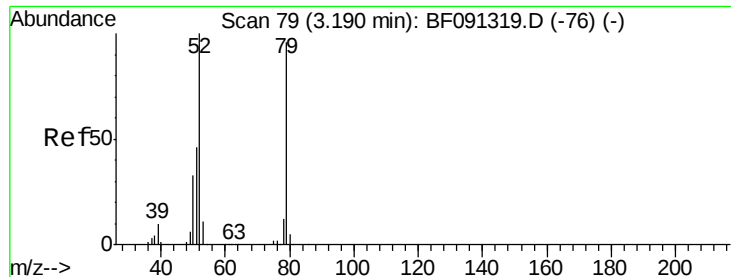
Ion Ratio Lower Upper

88 100

58 102.5 70.3 105.5

43 40.6 31.3 46.9





#3

Pvridine

Concen: 35.82 ng

RT: 3.258 min Scan# 85

Delta R.T. 0.040 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

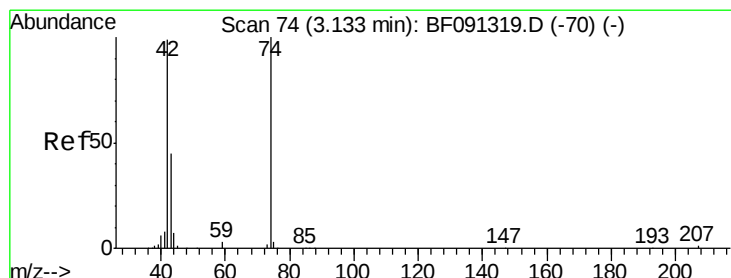
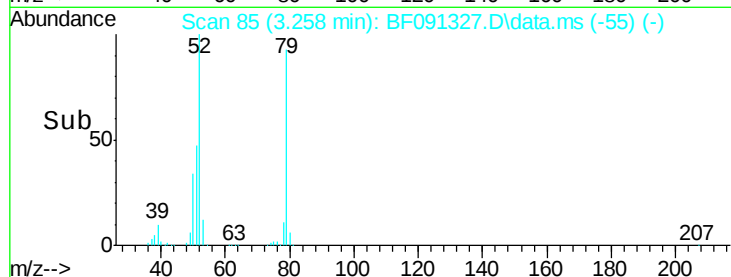
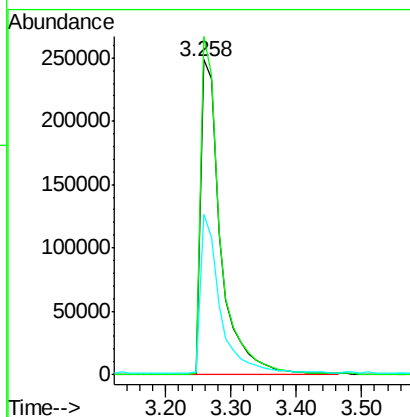
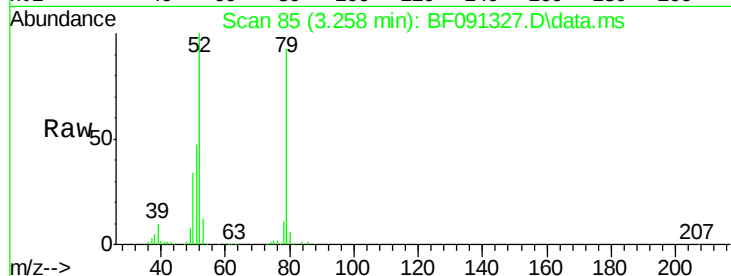
Tot Ion: 79 Resp: 527657

Ion Ratio Lower Upper

79 100

52 107.4 71.0 106.4#

51 50.8 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 40.42 ng

RT: 3.212 min Scan# 81

Delta R.T. 0.040 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

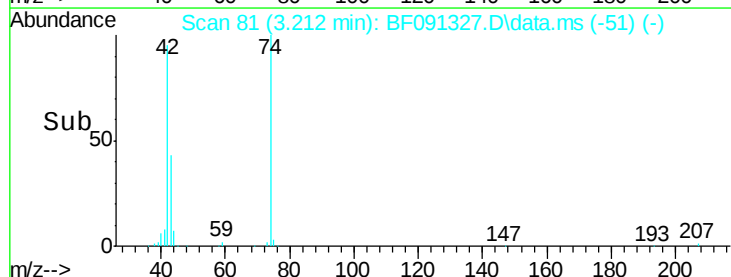
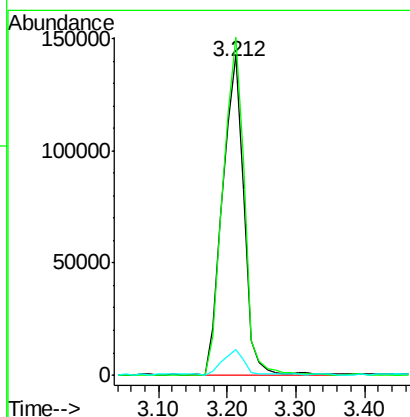
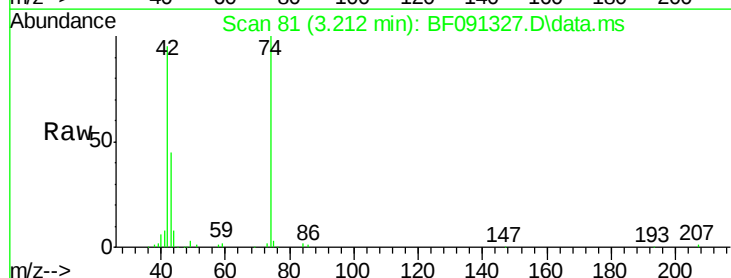
Tgt Ion: 42 Resp: 312457

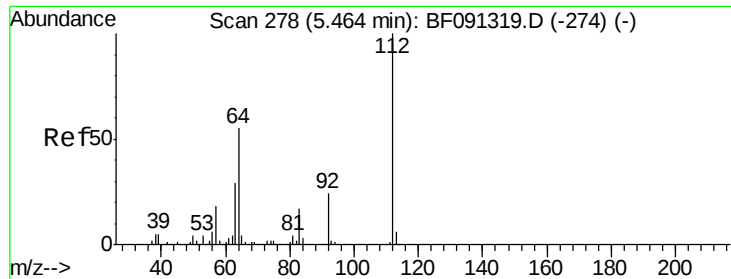
Ion Ratio Lower Upper

42 100

74 105.4 78.9 118.3

44 8.1 5.8 8.6





#5

2-Fluorophenol

Concen: 110.04 ng

RT: 5.476 min Scan# 27

Delta R.T. 0.007 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

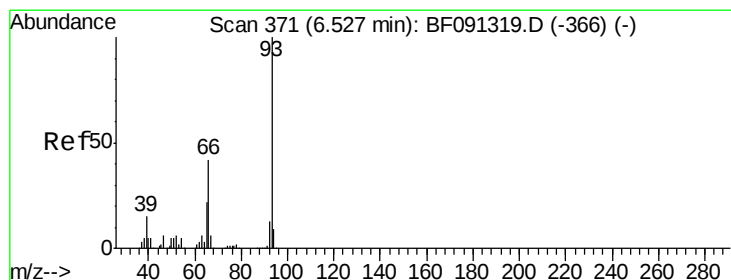
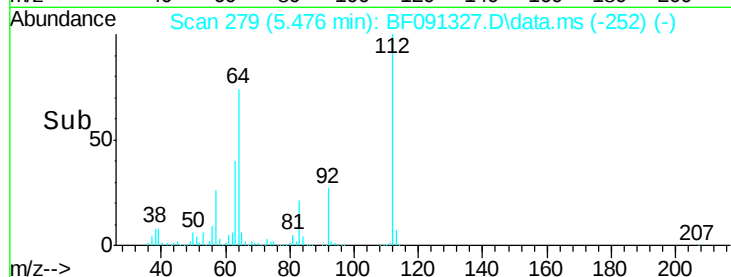
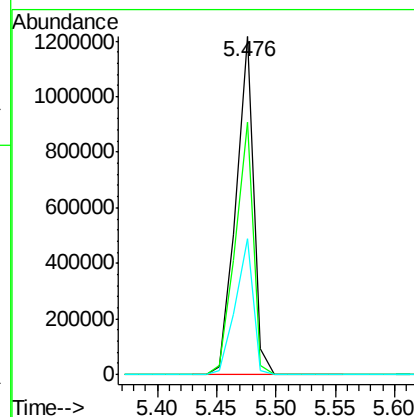
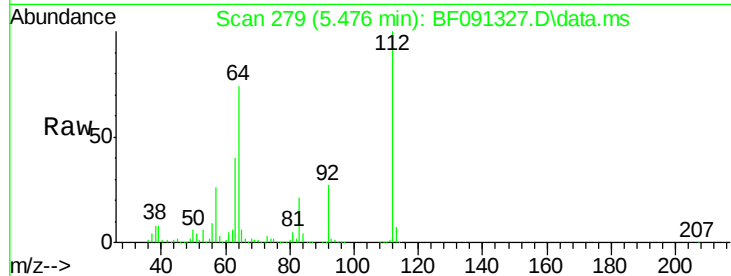
Tot Ion:112 Resp: 1266225

Ion Ratio Lower Upper

112 100

64 74.5 61.5 92.3

63 40.1 33.3 49.9



#6

Aniline

Concen: 30.14 ng

RT: 6.527 min Scan# 371

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

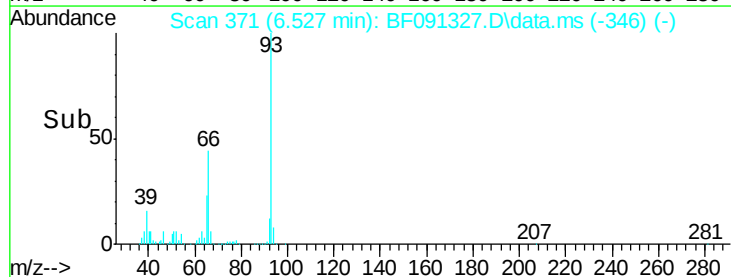
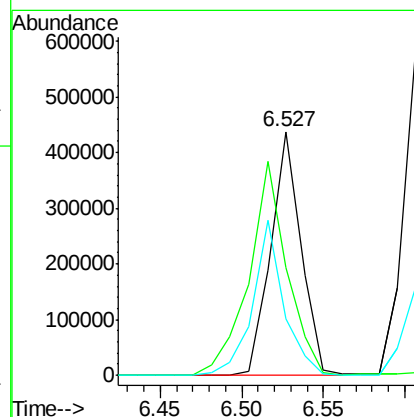
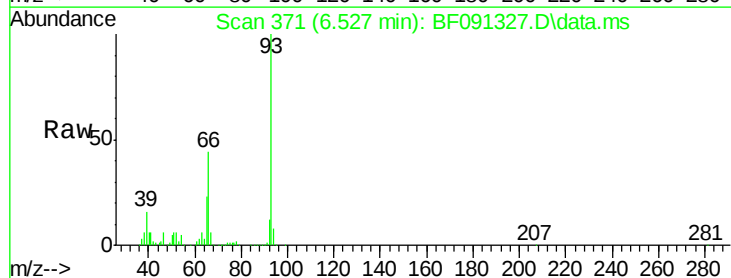
Tgt Ion: 93 Resp: 567149

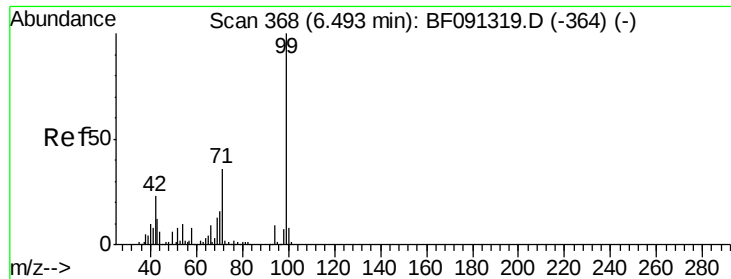
Ion Ratio Lower Upper

93 100

66 44.0 55.8 83.6#

65 23.3 29.9 44.9#





#7

Phenol-d6

Concen: 124.71 ng

RT: 6.504 min Scan# 368

Delta R.T. 0.006 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

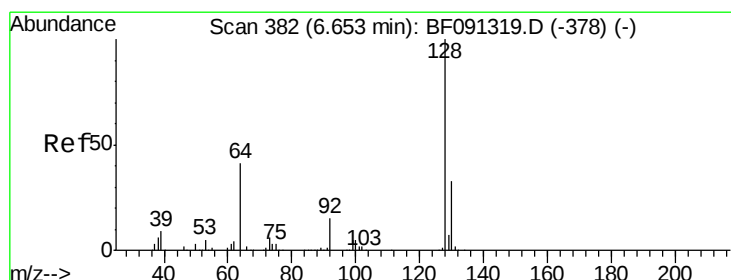
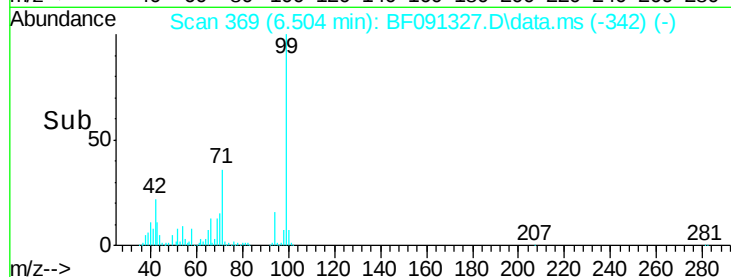
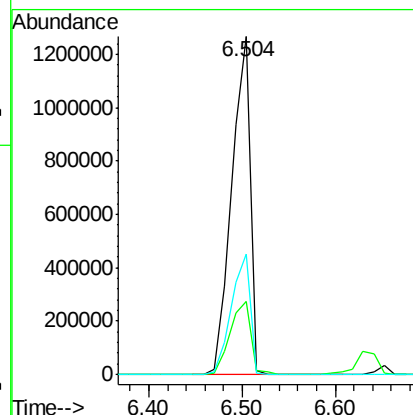
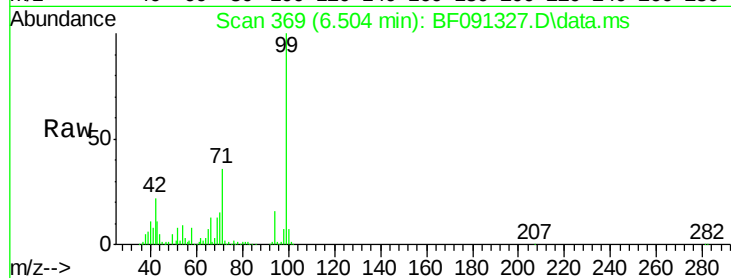
Tot Ion: 99 Resp: 1766495

Ion Ratio Lower Upper

99 100

42 21.7 20.6 31.0

71 35.7 29.9 44.9



#8

2-Chlorophenol

Concen: 41.63 ng

RT: 6.653 min Scan# 382

Delta R.T. -0.006 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

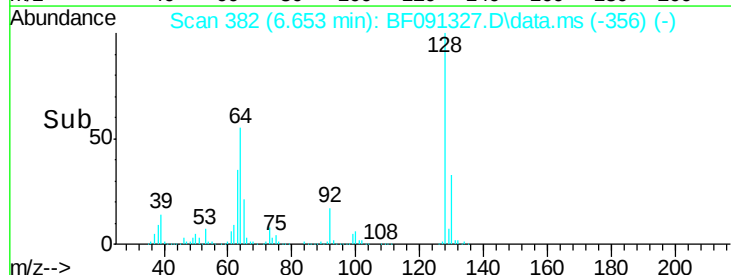
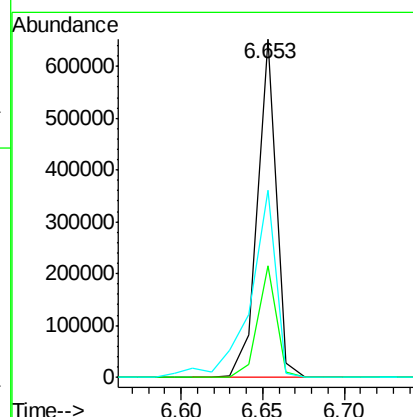
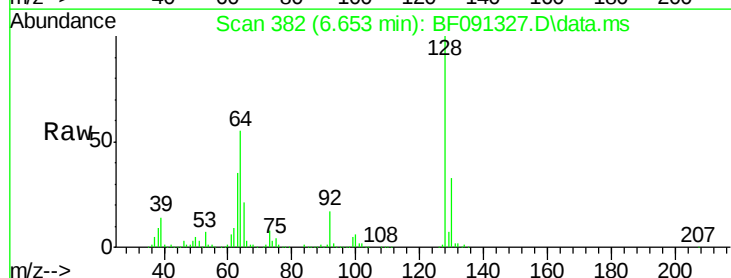
Tgt Ion: 128 Resp: 525253

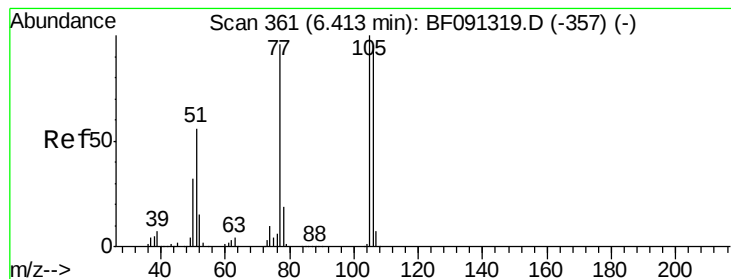
Ion Ratio Lower Upper

128 100

130 33.0 13.1 53.1

64 55.1 24.1 64.1





#9

Benzaldehyde

Concen: 3.75 ng

RT: 6.401 min Scan# 361

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

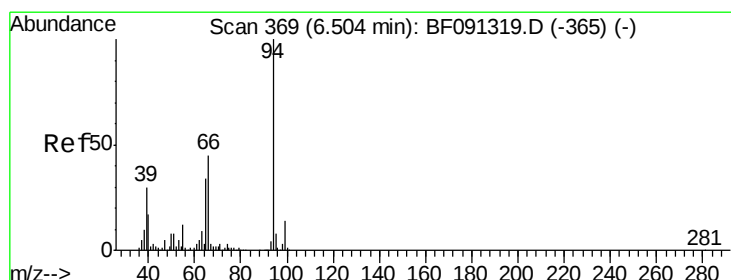
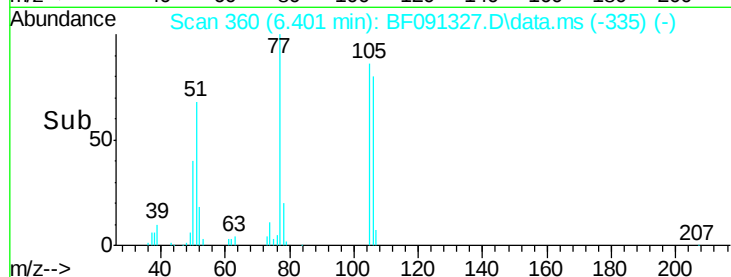
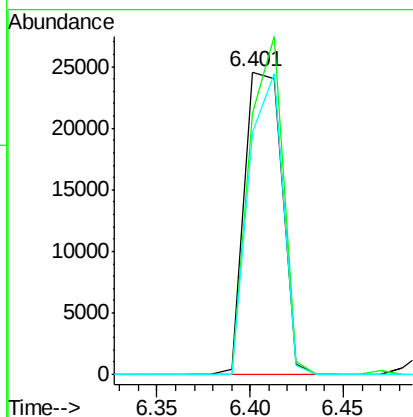
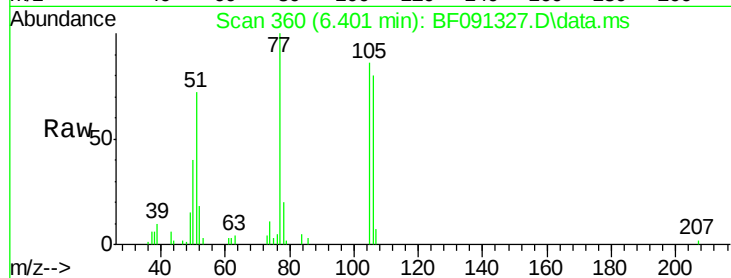
Tot Ion: 77 Resp: 34172

Ion Ratio Lower Upper

77 100

105 86.5 66.4 106.4

106 79.8 60.9 100.9



#10

Phenol

Concen: 43.64 ng

RT: 6.516 min Scan# 370

Delta R.T. -0.006 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

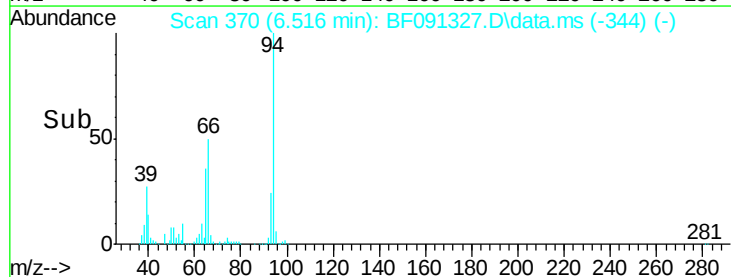
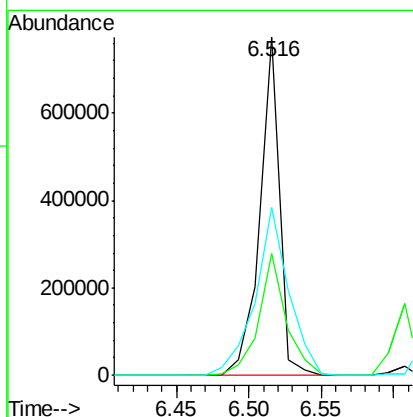
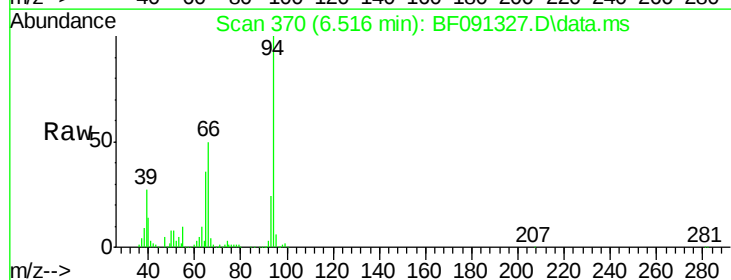
Tgt Ion: 94 Resp: 727355

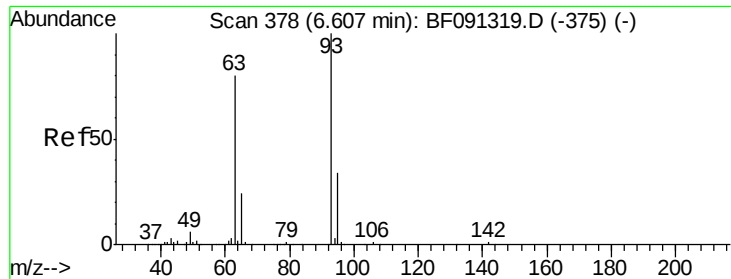
Ion Ratio Lower Upper

94 100

65 35.9 16.9 56.9

66 49.7 30.6 70.6





#11

bis(2-Chloroethyl)ether

Concen: 44.18 ng

RT: 6.607 min Scan# 37

Delta R.T. -0.006 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

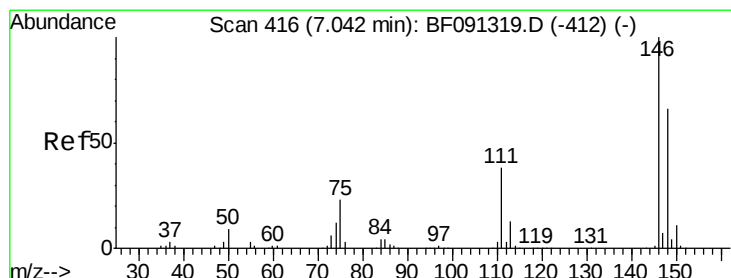
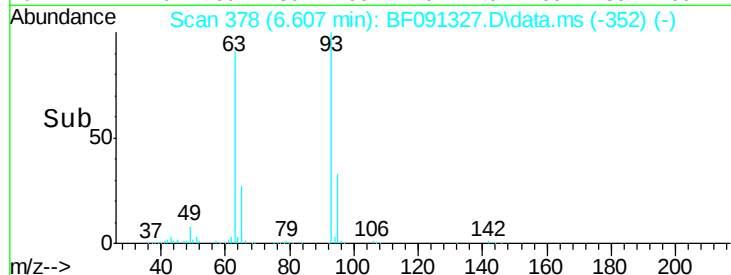
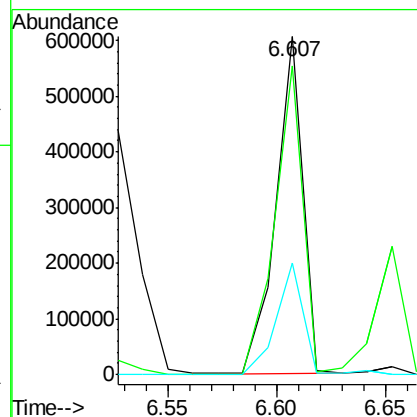
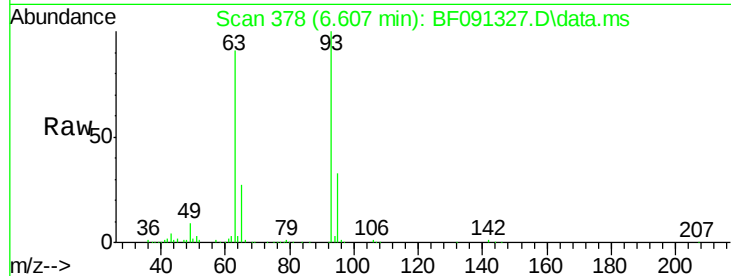
Tot Ion: 93 Resp: 526159

Ion Ratio Lower Upper

93 100

63 91.2 74.8 114.8

95 33.0 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 37.79 ng

RT: 7.041 min Scan# 416

Delta R.T. 0.223 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

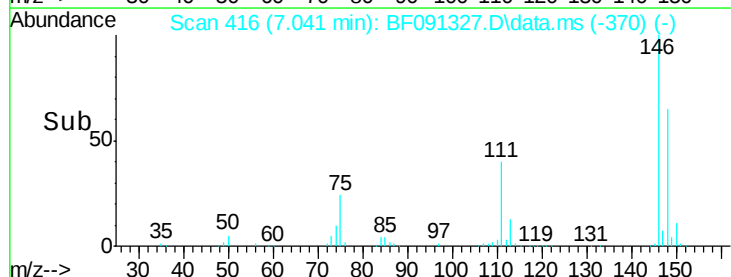
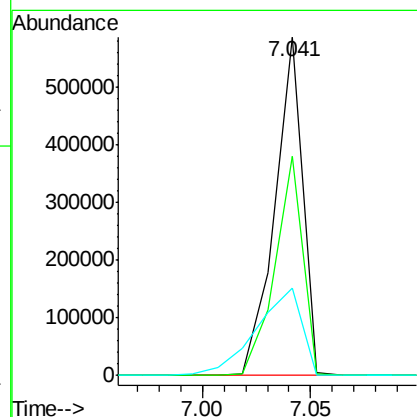
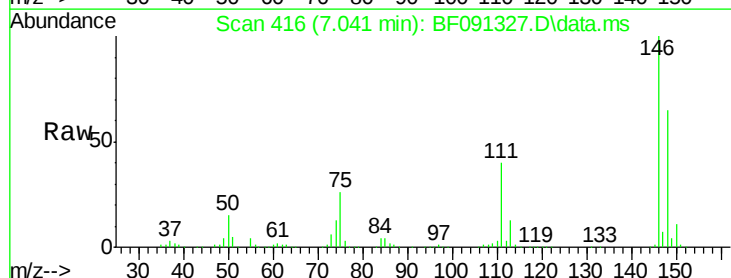
Tgt Ion: 146 Resp: 530277

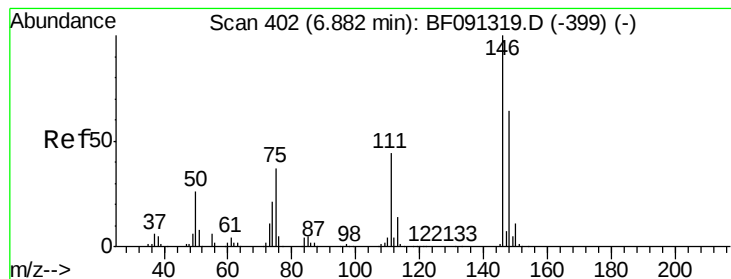
Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.0

75 25.8 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 37.42 ng

RT: 6.881 min Scan# 40

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

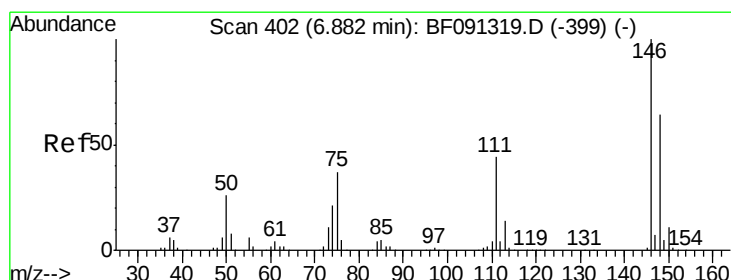
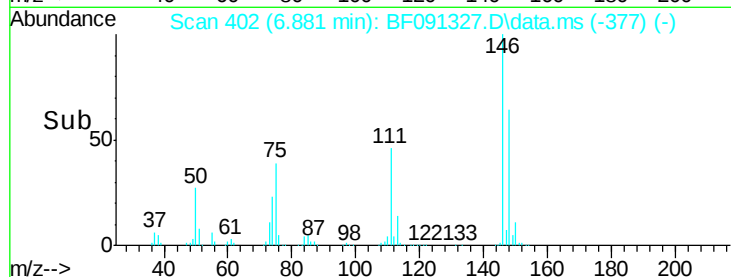
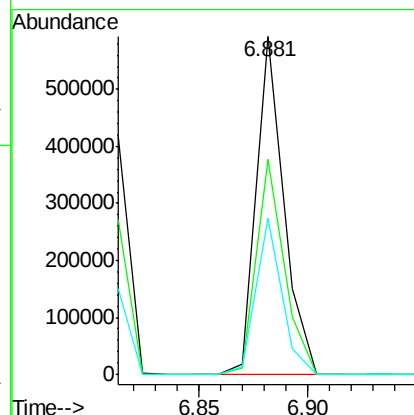
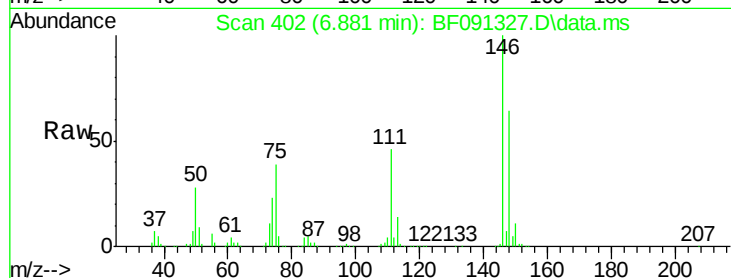
Tot Ion:146 Resp: 522325

Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.0

111 46.2 32.2 48.2



#14

1,2-Dichlorobenzene

Concen: 40.78 ng

RT: 7.041 min Scan# 416

Delta R.T. -0.006 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

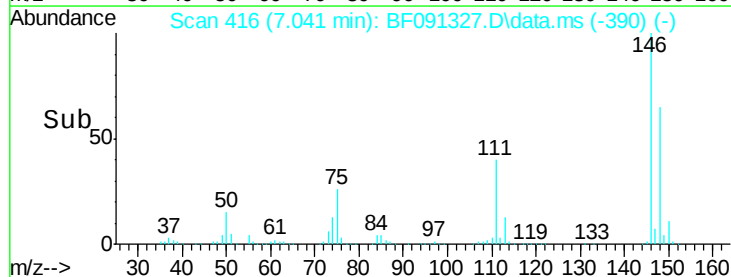
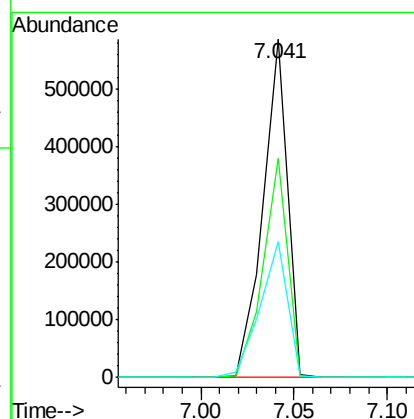
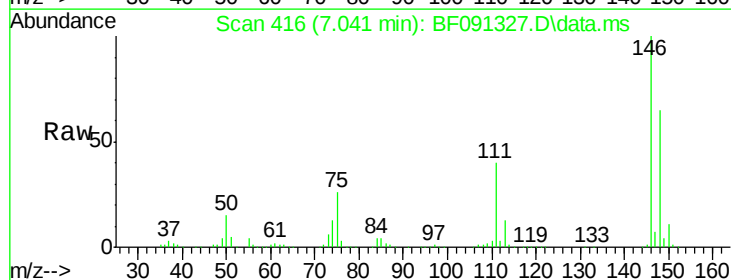
Tgt Ion:146 Resp: 530296

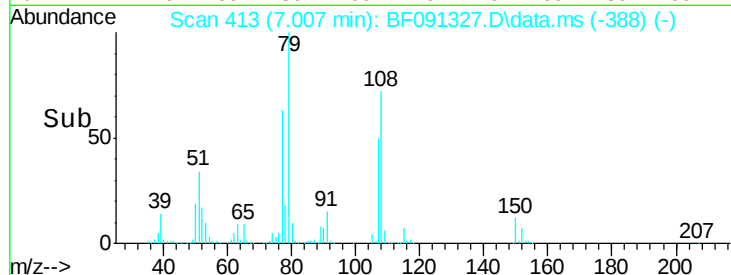
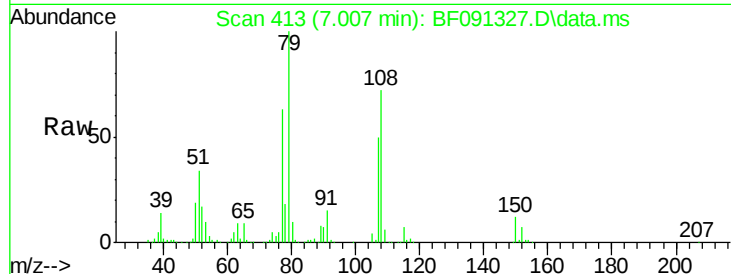
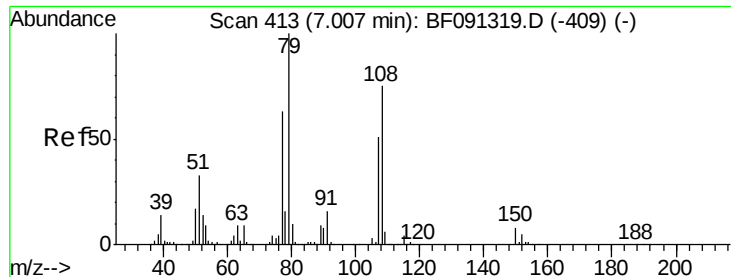
Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.6

111 40.0 38.9 58.3





#15

Benzyl Alcohol

Concen: 38.22 ng

RT: 7.007 min Scan# 41

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

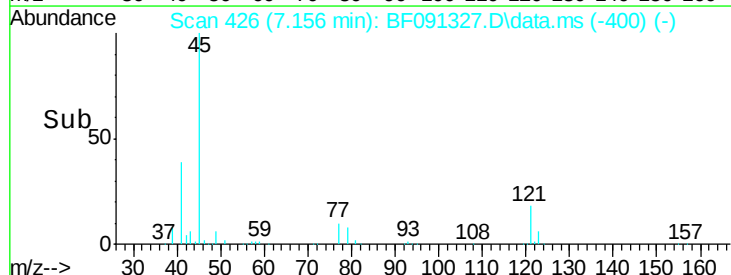
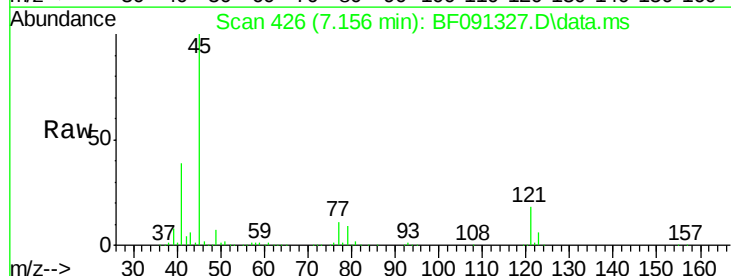
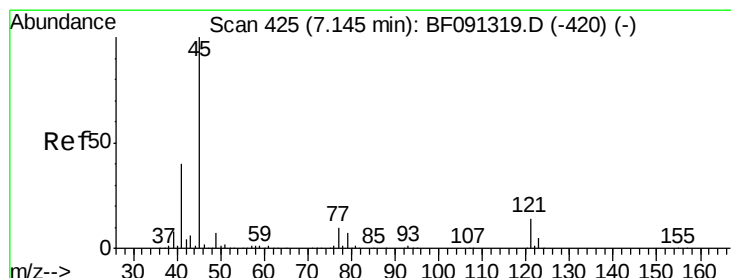
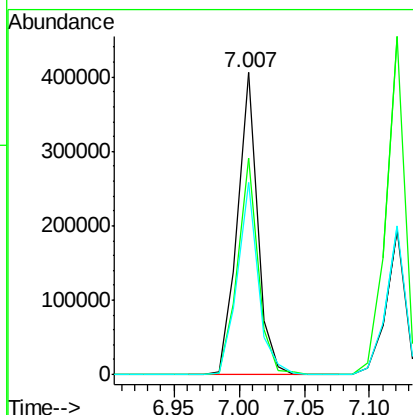
Tot Ion: 79 Resp: 433251

Ion Ratio Lower Upper

79 100

108 71.9 62.7 94.1

77 63.4 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.50 ng

RT: 7.156 min Scan# 426

Delta R.T. -0.006 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

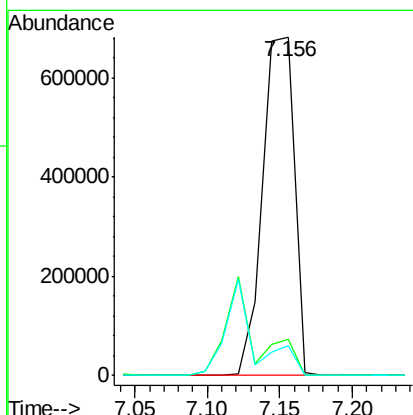
Tgt Ion: 45 Resp: 1036954

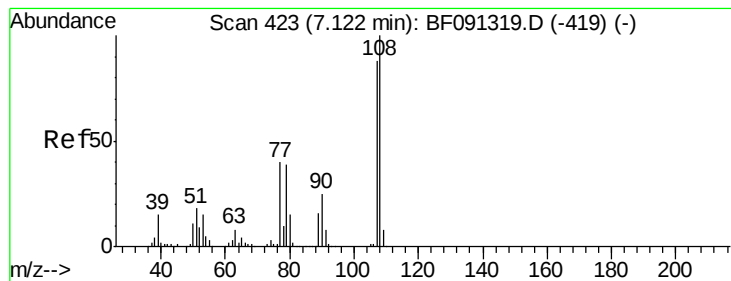
Ion Ratio Lower Upper

45 100

77 10.6 3.8 43.8

79 8.7 0.2 40.2





#17

2-Methylphenol

Concen: 40.33 ng

RT: 7.121 min Scan# 42

Delta R.T. -0.006 min

Lab File: BF091327.D

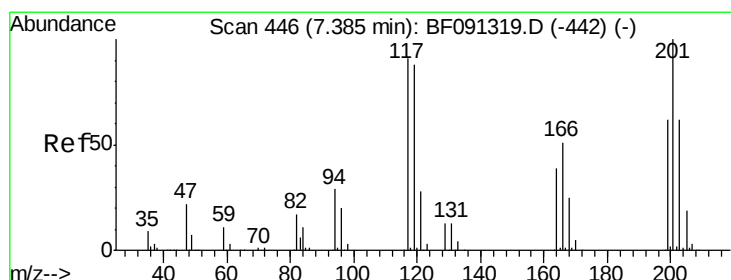
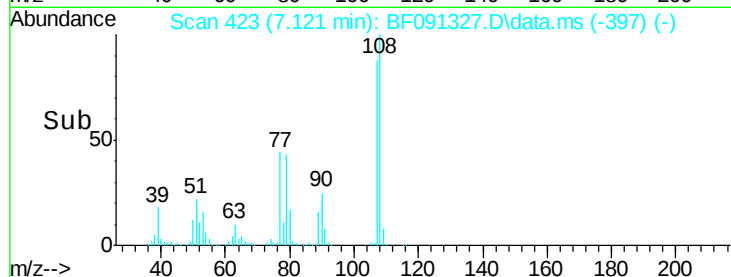
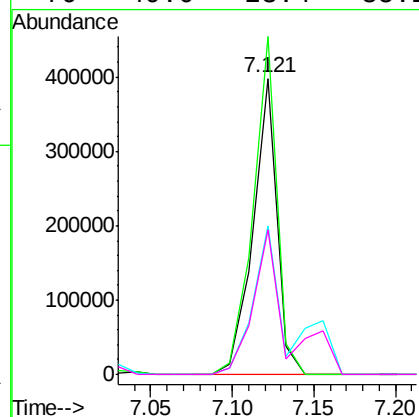
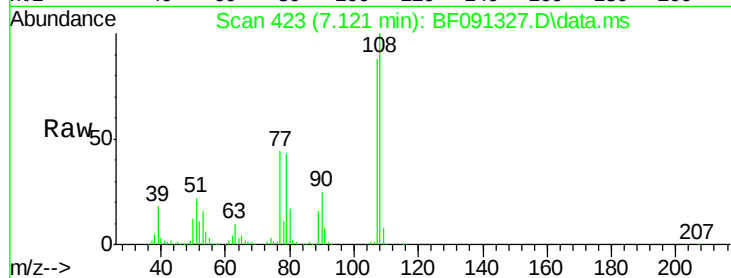
Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	402234
Ion	Ratio	Lower	Upper
107	100		
108	114.3	67.7	101.5#
77	50.1	40.7	61.1
79	49.0	23.4	35.2#



#18

Hexachloroethane

Concen: 42.27 ng

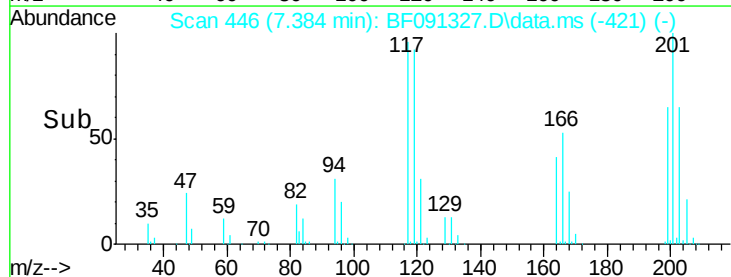
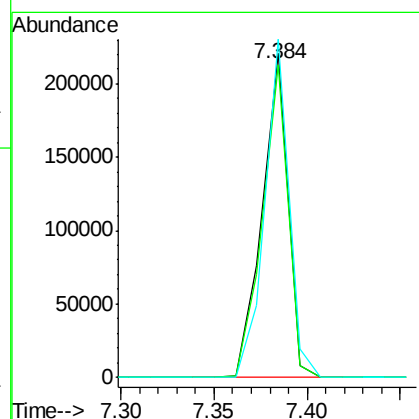
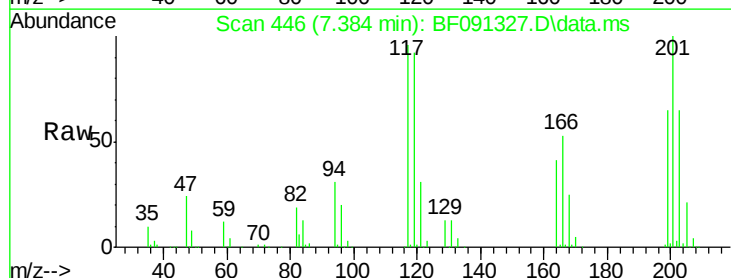
RT: 7.384 min Scan# 446

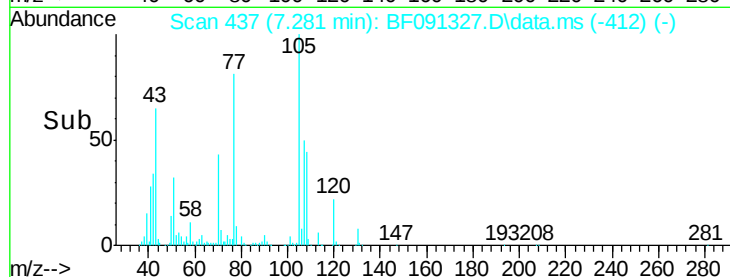
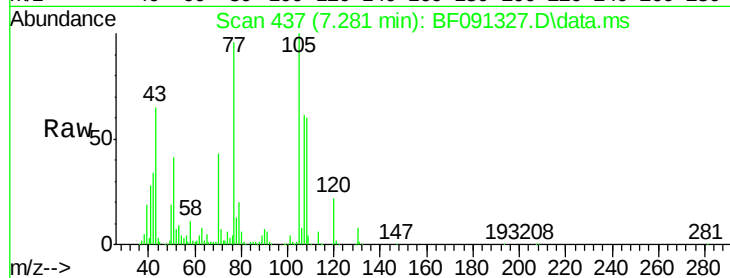
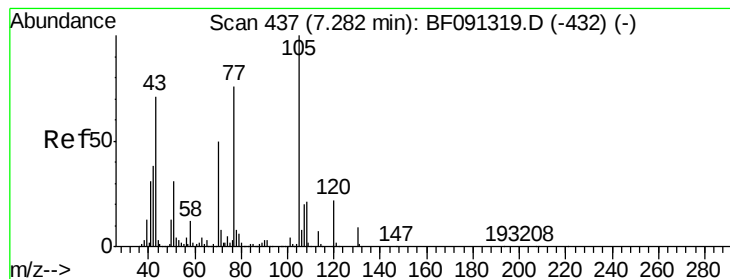
Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Tgt Ion:	117	Resp:	209530
Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.6	118.0
201	104.3	86.7	130.1





#19

n-Nitroso-di-n-propylamine

Concen: 39.88 ng

RT: 7.281 min Scan# 43

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 355847

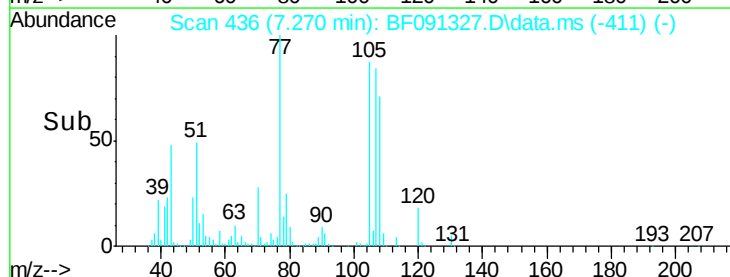
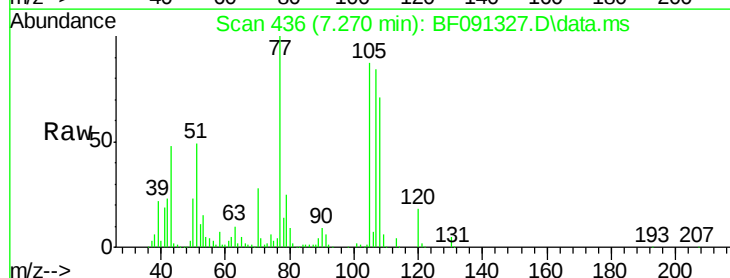
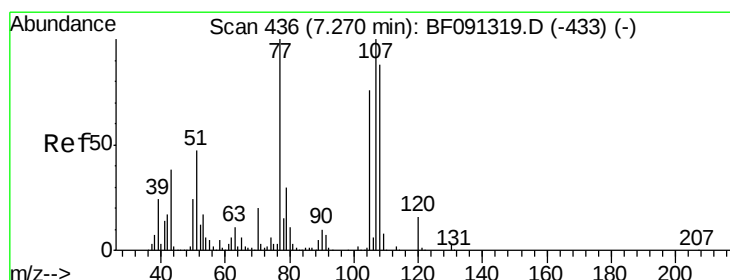
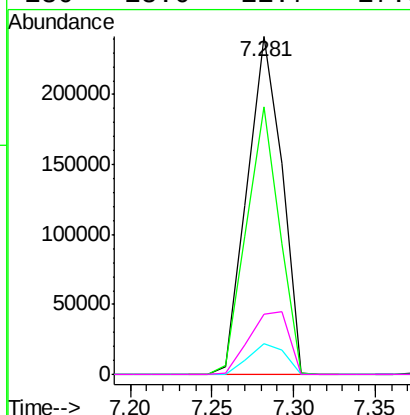
Ion Ratio Lower Upper

70 100

42 79.0 64.8 97.2

101 9.0 6.2 9.4

130 18.0 11.7 17.5#



#20

3+4-Methylphenols

Concen: 41.31 ng

RT: 7.270 min Scan# 436

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Tgt Ion: 107 Resp: 502914

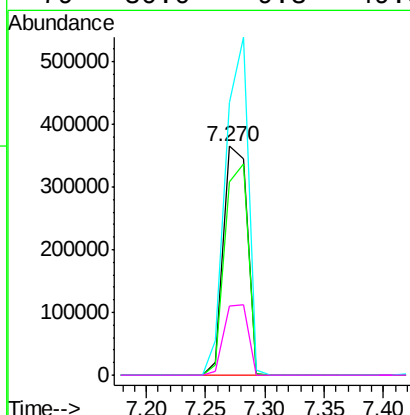
Ion Ratio Lower Upper

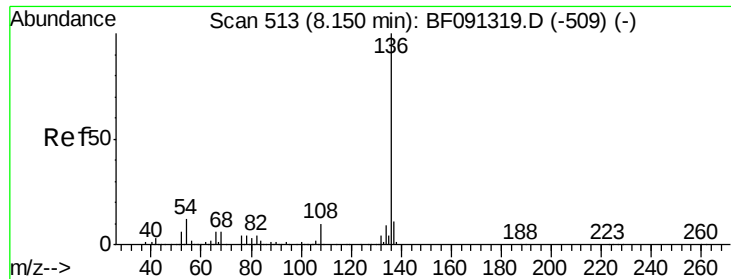
107 100

108 84.5 64.6 104.6

77 119.1 30.9 70.9#

79 30.0 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: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 723125

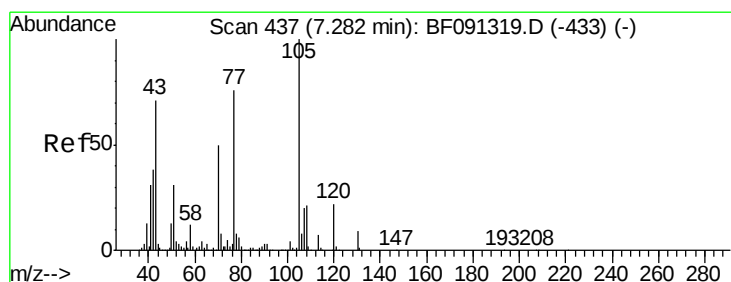
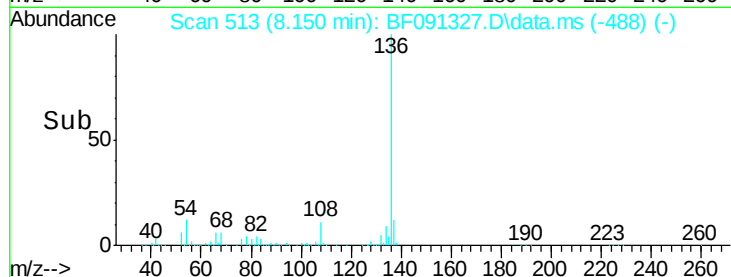
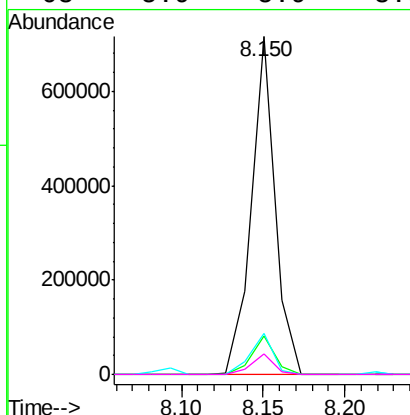
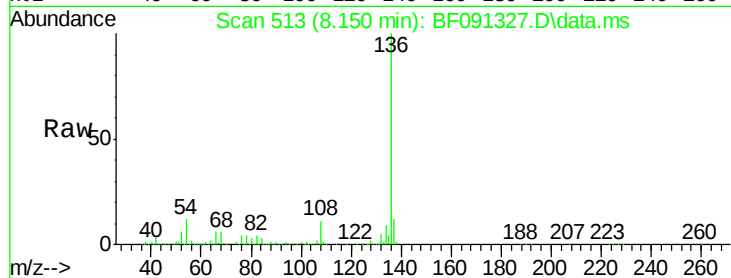
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 12.2 9.1 13.7

68 5.9 5.9 8.9



#22

Acetophenone

Concen: 40.28 ng

RT: 7.281 min Scan# 437

Delta R.T. -0.006 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Tgt Ion:105 Resp: 690352

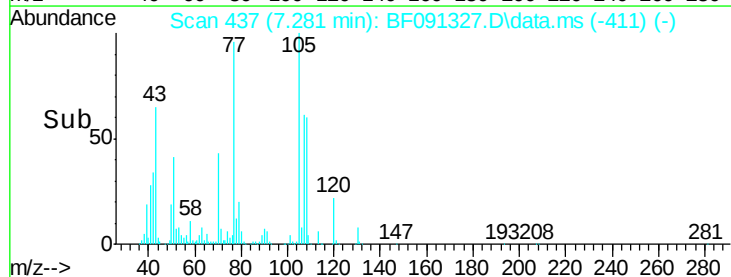
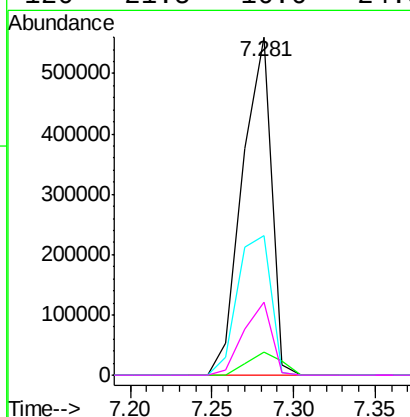
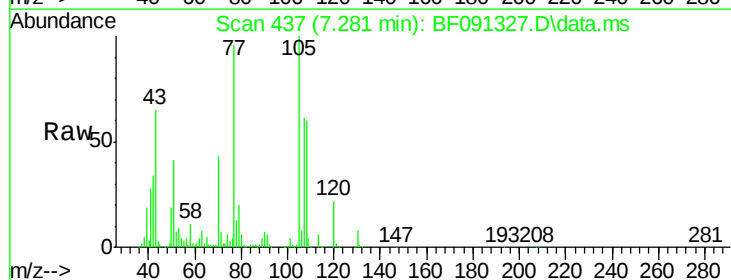
Ion Ratio Lower Upper

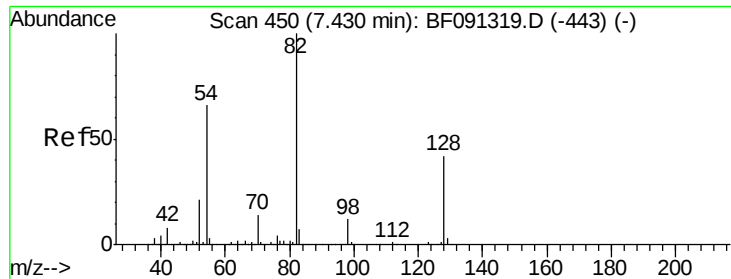
105 100

71 7.0 7.9 11.9#

51 41.4 24.5 36.7#

120 21.5 16.6 24.8

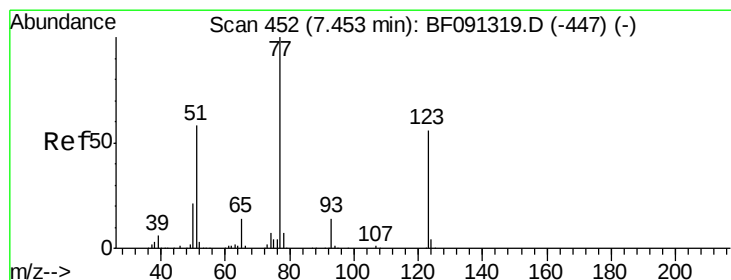
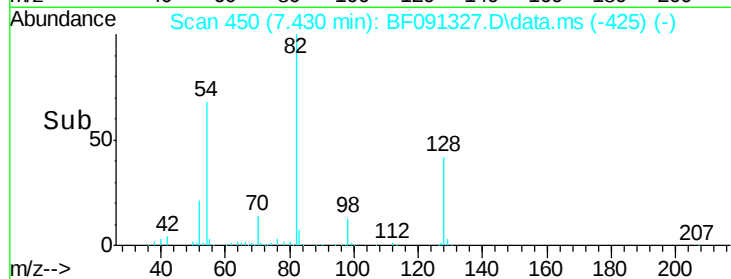
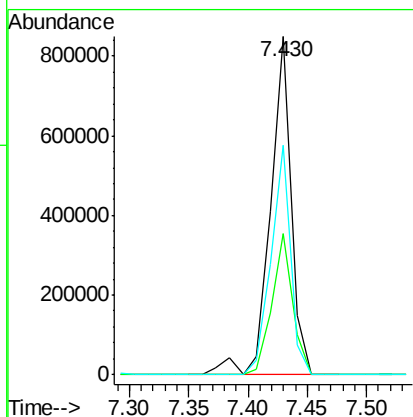
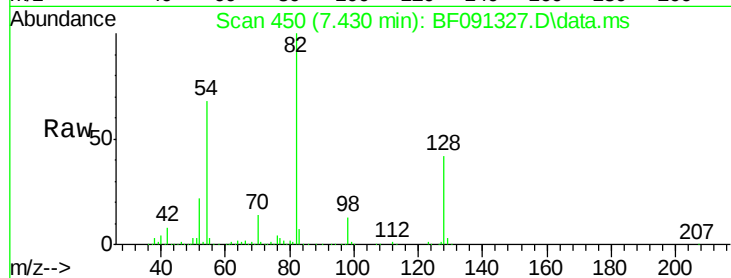




#23
Nitrobenzene-d5
Concen: 80.37 ng
RT: 7.430 min Scan# 450
Delta R.T. -0.017 min
Lab File: BF091327.D
Acq: 29 Nov 2016 15:16

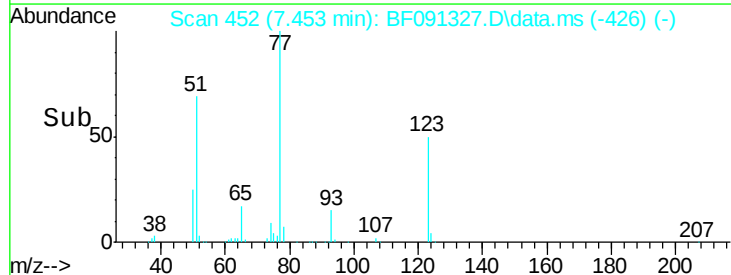
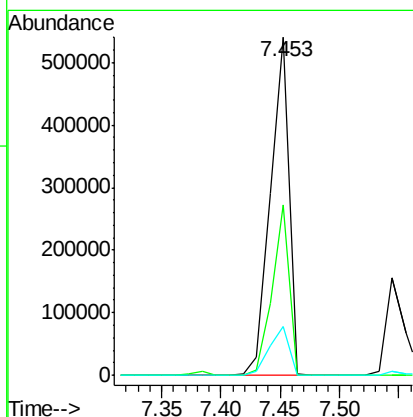
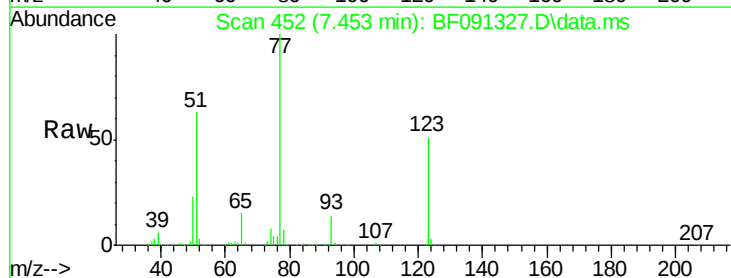
Instrument :
BNA_F
ClientSampleId :

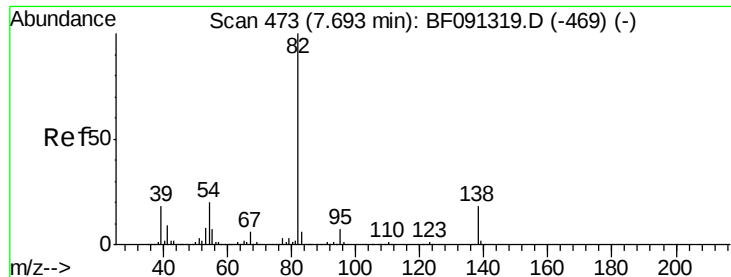
Tot Ion: 82 Resp: 1037049
Ion Ratio Lower Upper
82 100
128 41.6 31.8 47.6
54 67.9 49.1 73.7



#24
Nitrobenzene
Concen: 44.93 ng
RT: 7.453 min Scan# 452
Delta R.T. -0.006 min
Lab File: BF091327.D
Acq: 29 Nov 2016 15:16

Tgt Ion: 77 Resp: 593612
Ion Ratio Lower Upper
77 100
123 50.5 28.5 42.7#
65 14.6 12.5 18.7





#25

Isophorone

Concen: 43.52 ng

RT: 7.693 min Scan# 47

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

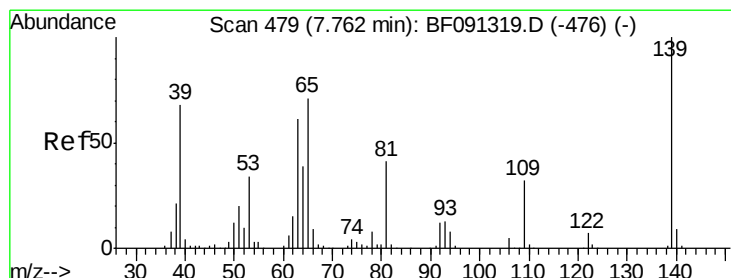
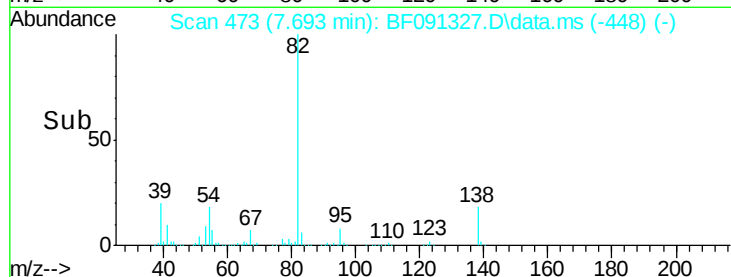
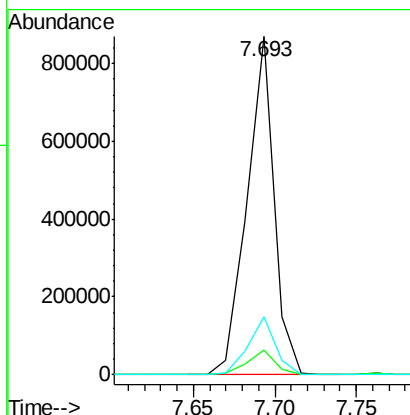
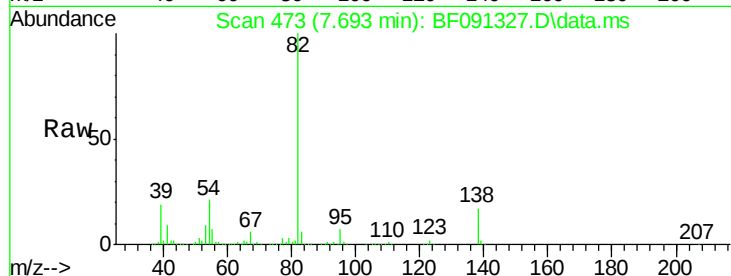
Tot Ion: 82 Resp: 994964

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

138 17.2 13.4 20.0



#26

2-Nitrophenol

Concen: 41.37 ng

RT: 7.762 min Scan# 479

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

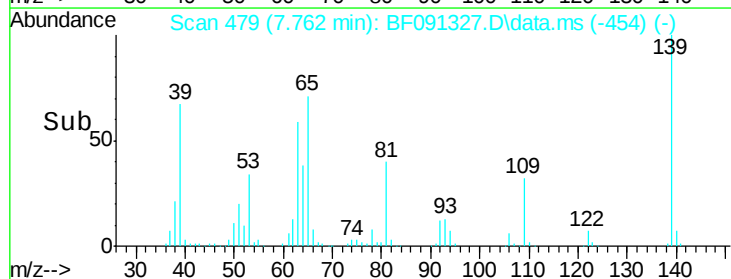
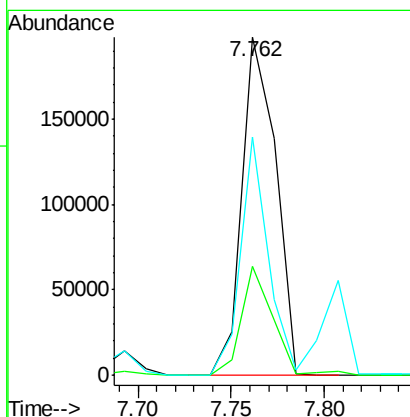
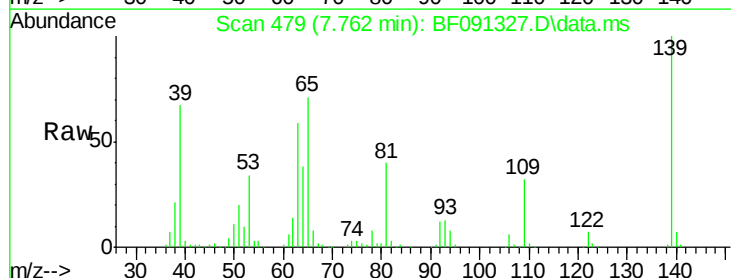
Tgt Ion: 139 Resp: 249088

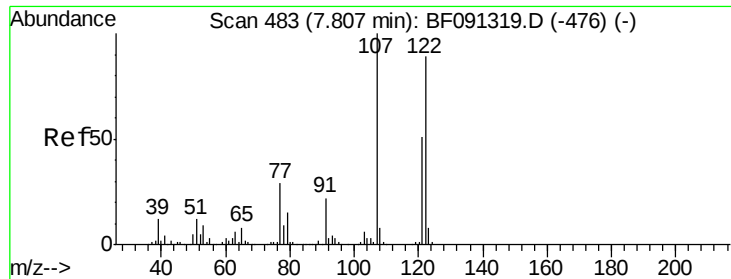
Ion Ratio Lower Upper

139 100

109 32.3 25.3 37.9

65 70.5 55.4 83.2





#27

2,4-Dimethylphenol

Concen: 43.63 ng

RT: 7.807 min Scan# 481

Delta R.T. -0.006 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

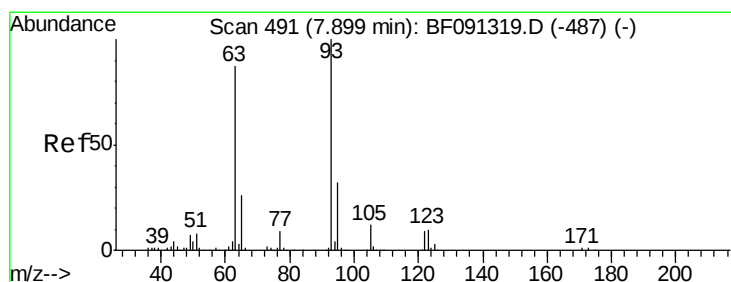
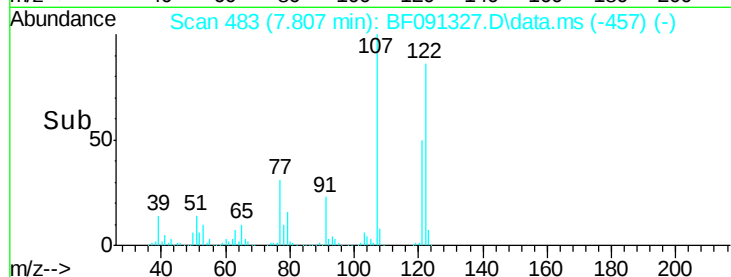
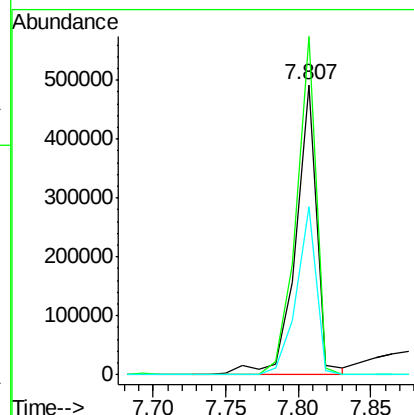
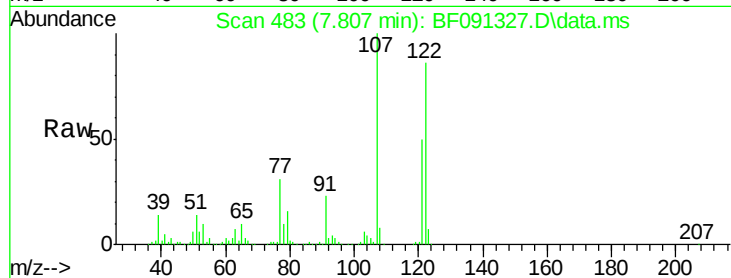
Tot Ion:122 Resp: 491352

Ion Ratio Lower Upper

122 100

107 116.7 96.8 145.2

121 58.0 47.7 71.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.71 ng

RT: 7.910 min Scan# 492

Delta R.T. -0.006 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

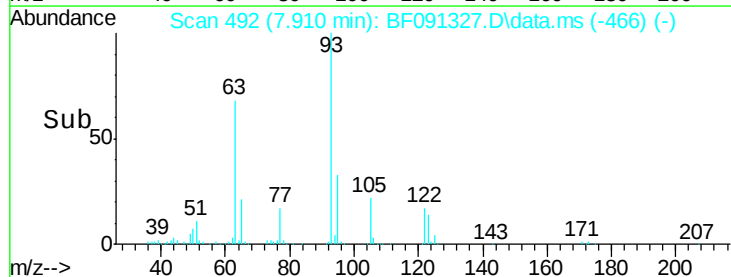
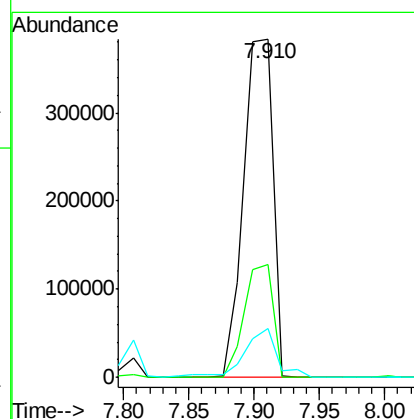
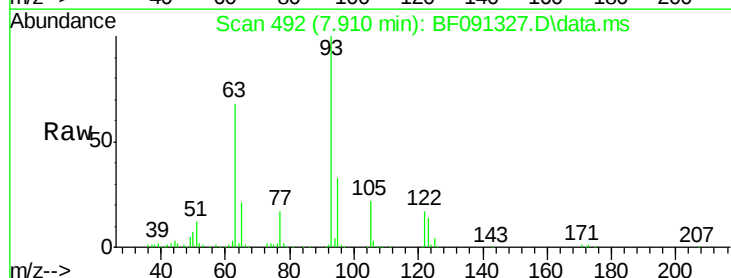
Tgt Ion: 93 Resp: 601508

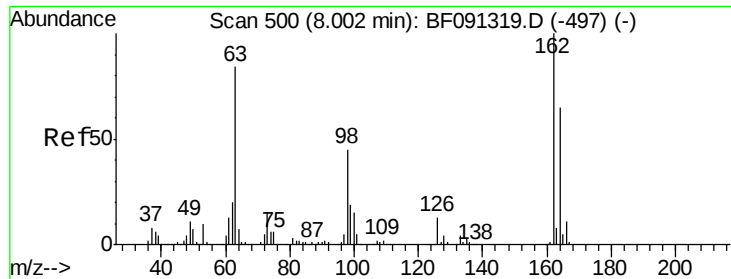
Ion Ratio Lower Upper

93 100

95 33.3 26.0 39.0

123 14.3 8.6 12.8#

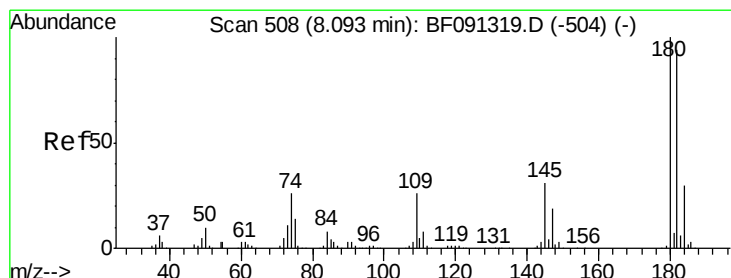
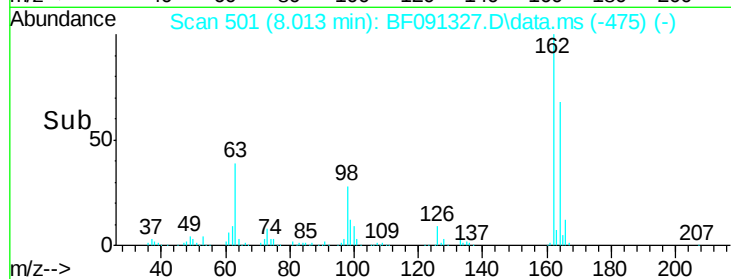
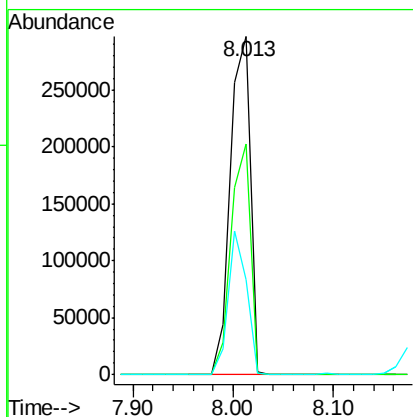
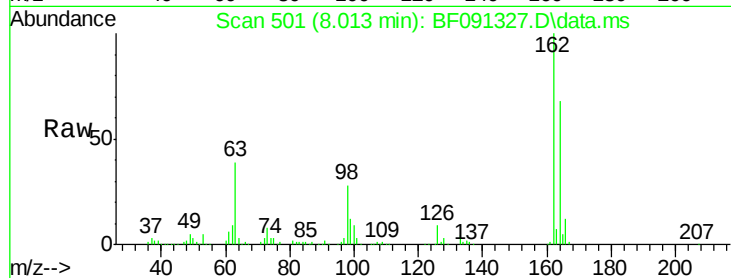




#29
 2,4-Dichlorophenol
 Concen: 41.67 ng
 RT: 8.013 min Scan# 501
 Delta R.T. -0.006 min
 Lab File: BF091327.D
 Acq: 29 Nov 2016 15:16

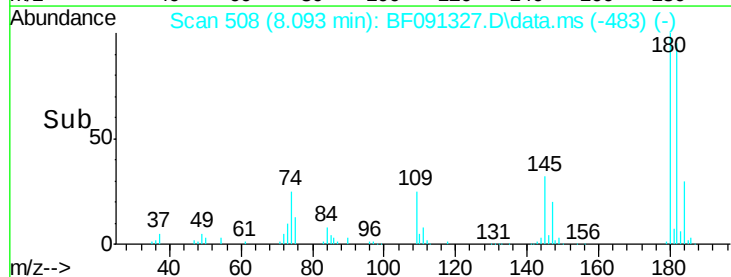
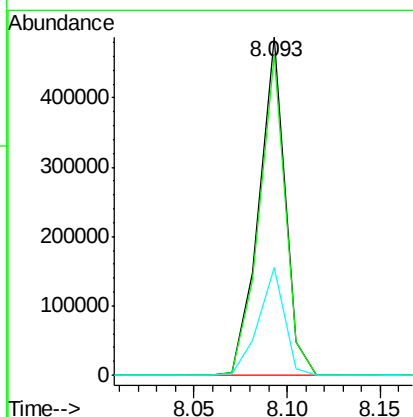
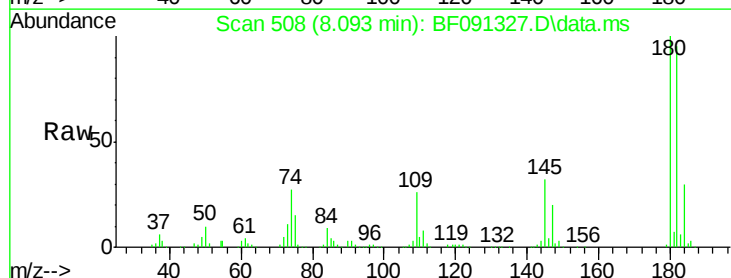
Instrument :
 BNA_F
 ClientSampleId :

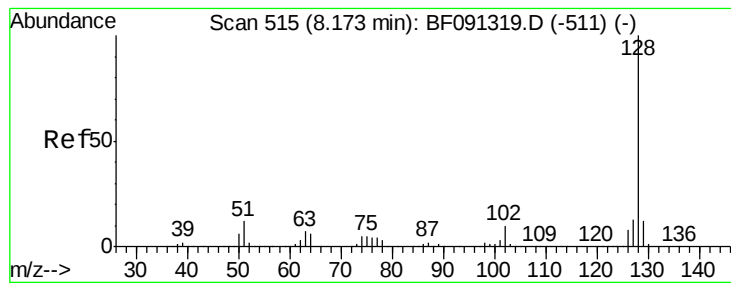
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.3	45.0	85.0
98	27.9	21.3	61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 42.38 ng
 RT: 8.093 min Scan# 508
 Delta R.T. -0.017 min
 Lab File: BF091327.D
 Acq: 29 Nov 2016 15:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.8
145	31.9	27.0	40.4





#31

Naphthalene

Concen: 41.10 ng

RT: 8.173 min Scan# 51

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

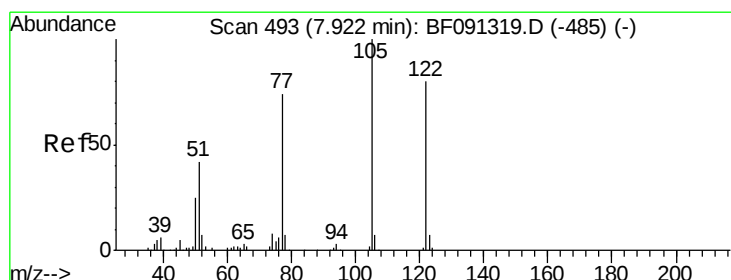
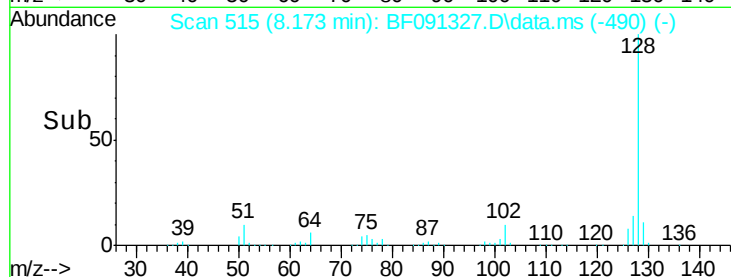
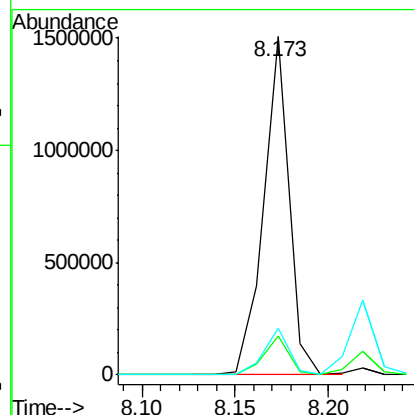
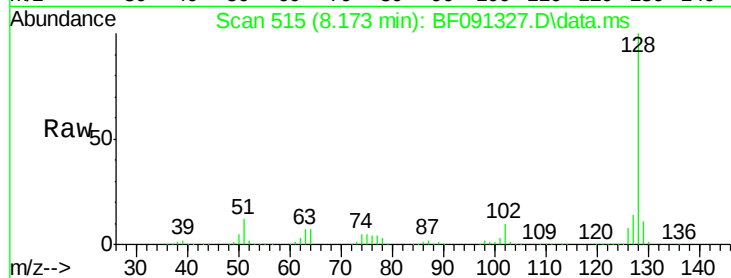
Tot Ion:128 Resp: 1412345

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

127 13.7 11.0 16.4



#32

Benzoic acid

Concen: 41.41 ng

RT: 7.933 min Scan# 494

Delta R.T. -0.005 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

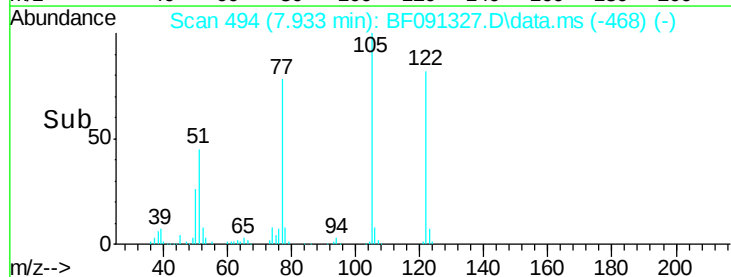
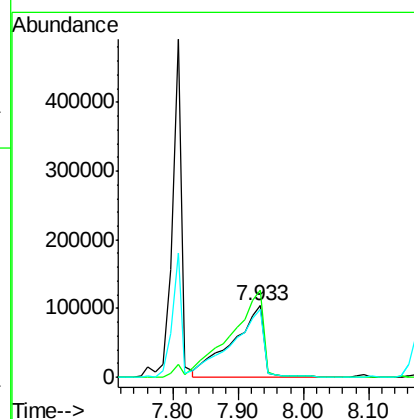
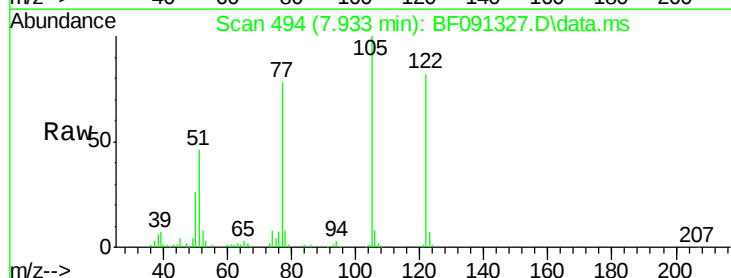
Tgt Ion:122 Resp: 343826

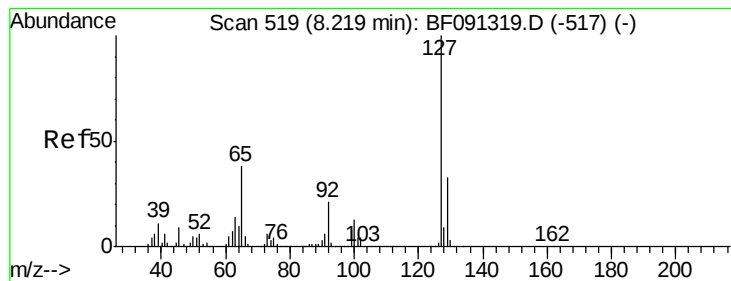
Ion Ratio Lower Upper

122 100

105 122.0 113.0 153.0

77 95.6 82.0 122.0





#33

4-Chloroaniline

Concen: 21.51 ng

RT: 8.219 min Scan# 51

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 316026

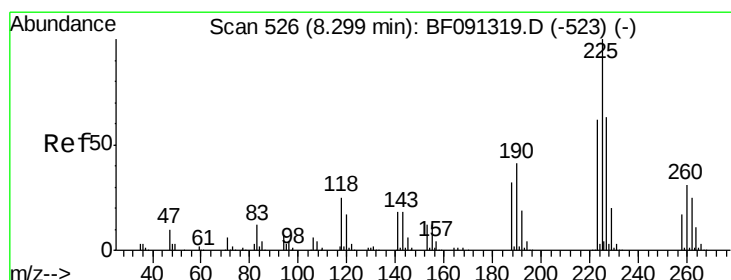
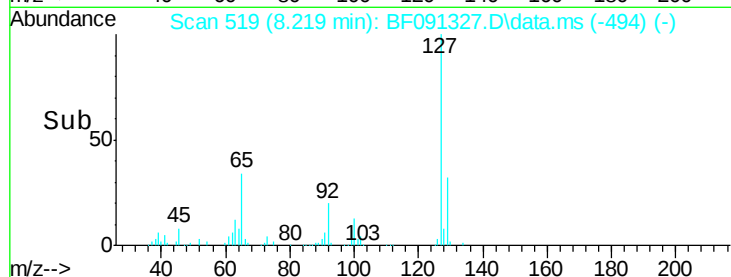
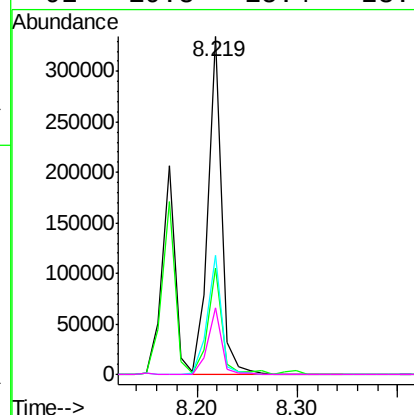
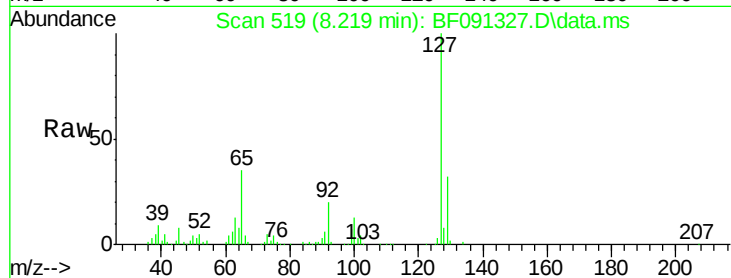
Ion Ratio Lower Upper

127 100

129 31.6 26.2 39.4

65 35.2 26.6 39.8

92 19.8 15.4 23.0



#34

Hexachlorobutadiene

Concen: 43.36 ng

RT: 8.299 min Scan# 526

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

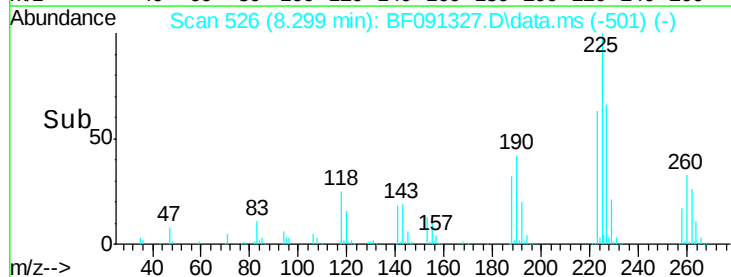
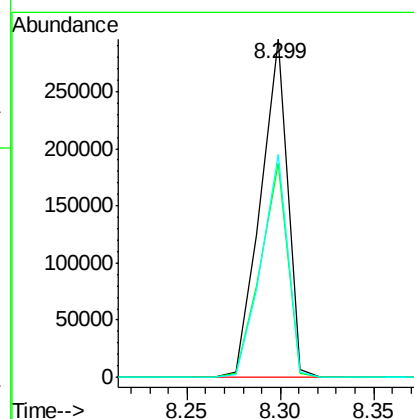
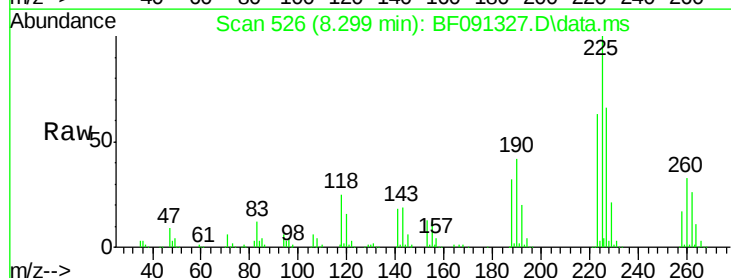
Tgt Ion:225 Resp: 296138

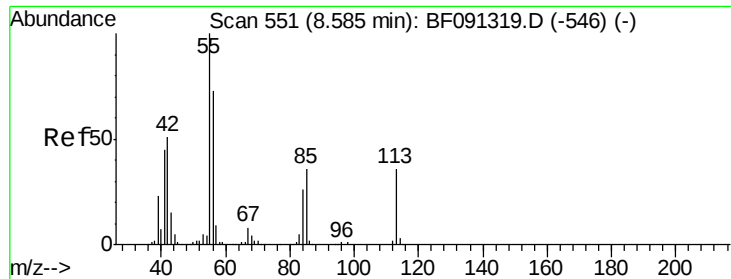
Ion Ratio Lower Upper

225 100

223 63.3 49.8 74.6

227 66.0 52.6 79.0





#35

Caprolactam

Concen: 32.55 ng

RT: 8.584 min Scan# 551

Delta R.T. -0.029 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

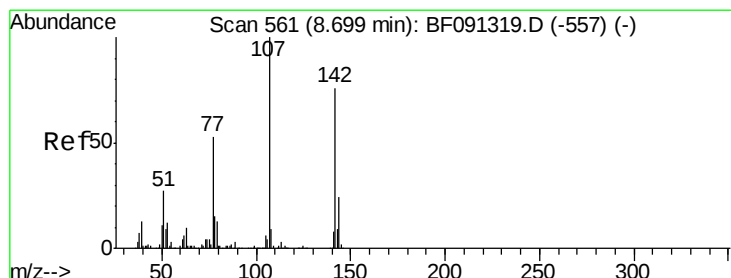
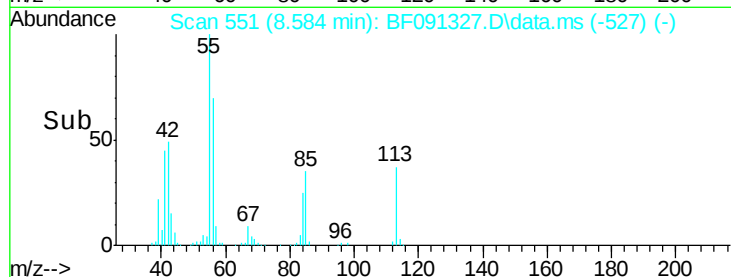
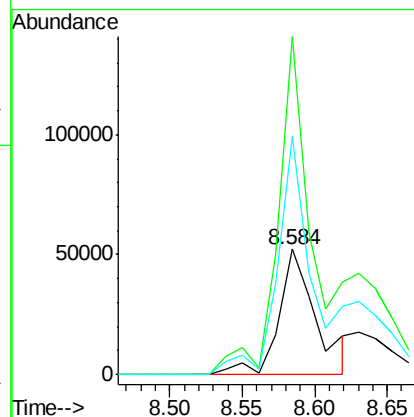
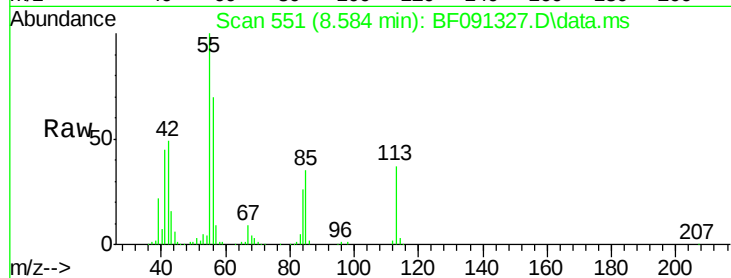
Tot Ion:113 Resp: 92677

Ion Ratio Lower Upper

113 100

55 270.3 239.8 279.8

56 190.4 165.6 205.6



#36

4-Chloro-3-methylphenol

Concen: 38.98 ng

RT: 8.699 min Scan# 561

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

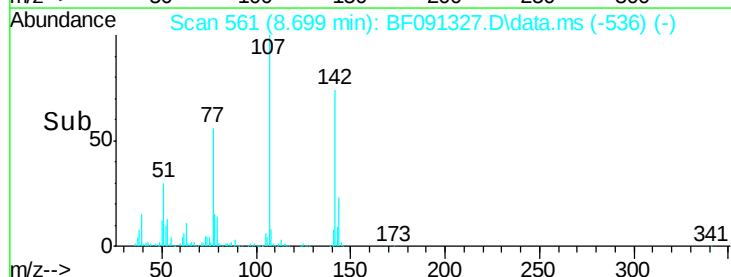
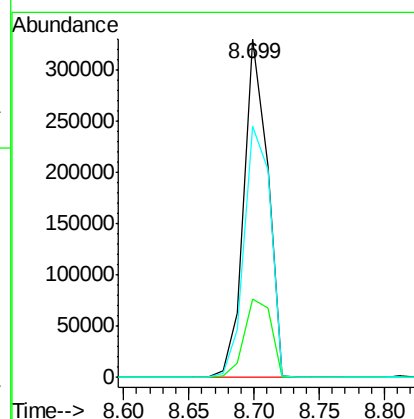
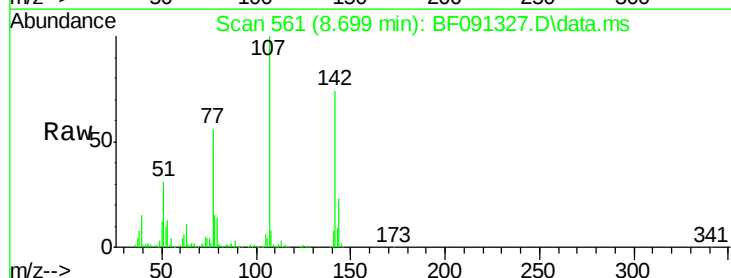
Tgt Ion:107 Resp: 416905

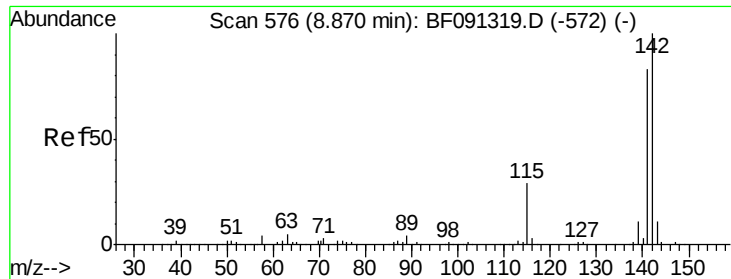
Ion Ratio Lower Upper

107 100

144 23.0 18.9 28.3

142 74.1 58.5 87.7

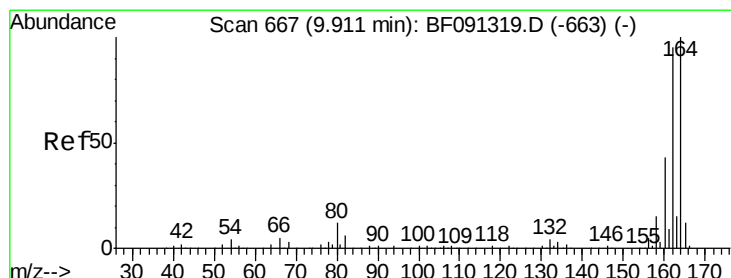
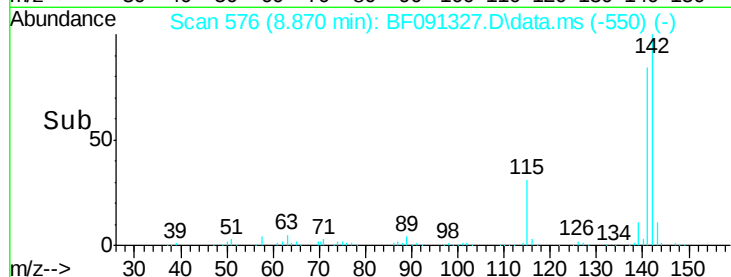
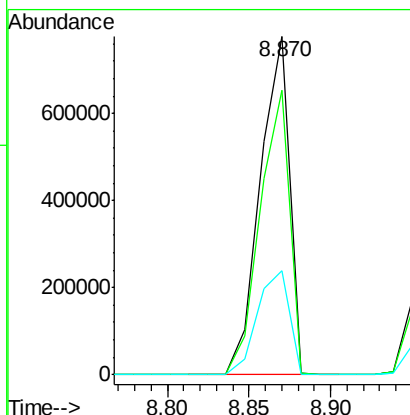
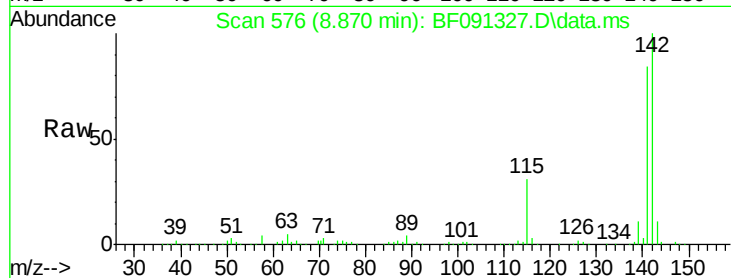




#37
 2-Methylnaphthalene
 Concen: 41.75 ng
 RT: 8.870 min Scan# 57
 Delta R.T. -0.006 min
 Lab File: BF091327.D
 Acq: 29 Nov 2016 15:16

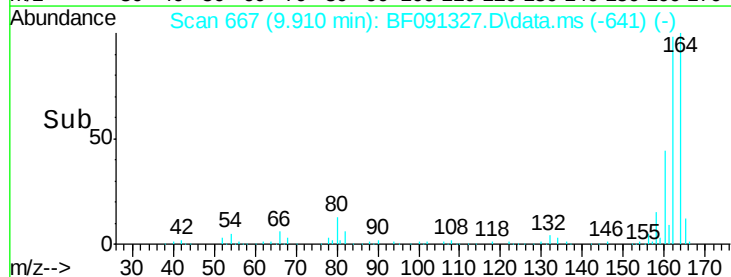
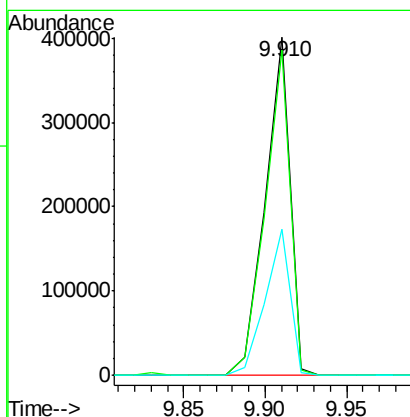
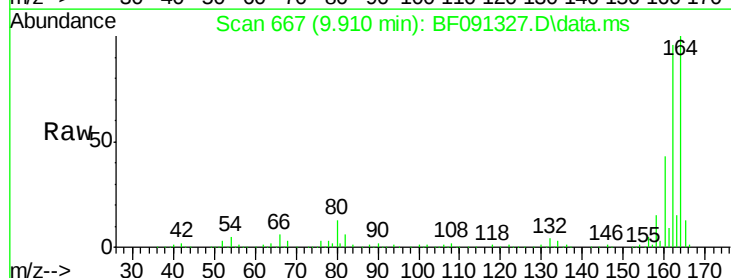
Instrument :
 BNA_F
 ClientSampleId :

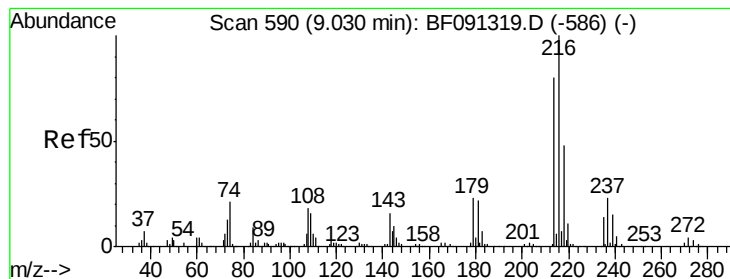
Tot Ion:142 Resp: 974851
 Ion Ratio Lower Upper
 142 100
 141 84.2 71.7 107.5
 115 30.8 25.0 37.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.910 min Scan# 667
 Delta R.T. -0.006 min
 Lab File: BF091327.D
 Acq: 29 Nov 2016 15:16

Tgt Ion:164 Resp: 427305
 Ion Ratio Lower Upper
 164 100
 162 96.1 82.6 124.0
 160 43.3 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.20 ng

RT: 9.030 min Scan# 590

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 399873

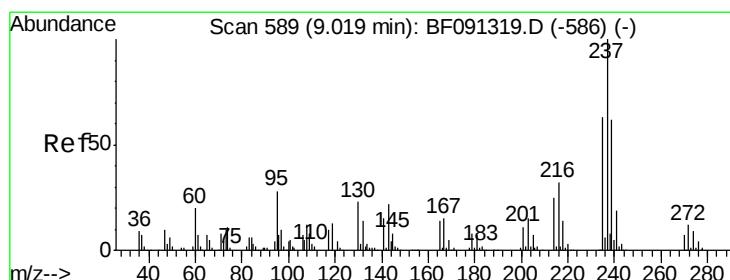
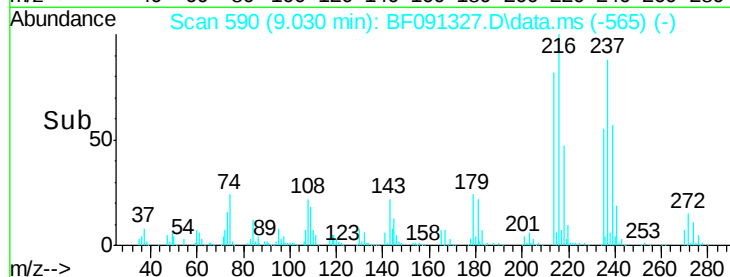
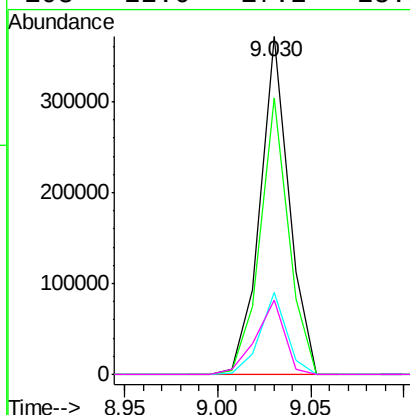
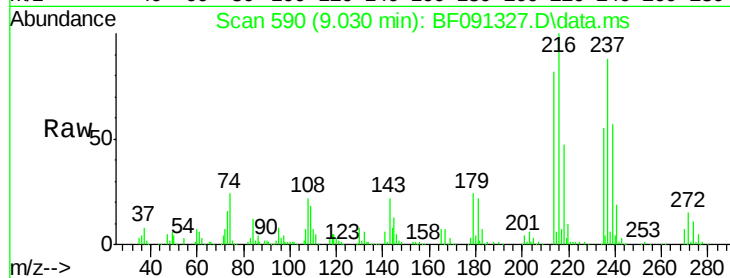
Ion Ratio Lower Upper

216 100

214 80.3 63.8 95.8

179 22.1 18.2 27.2

108 22.0 17.2 25.8



#40

Hexachlorocyclopentadiene

Concen: 94.89 ng

RT: 9.019 min Scan# 589

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

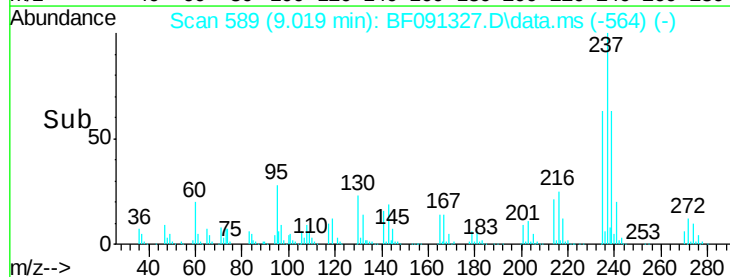
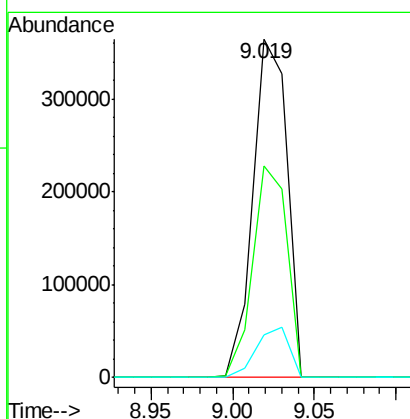
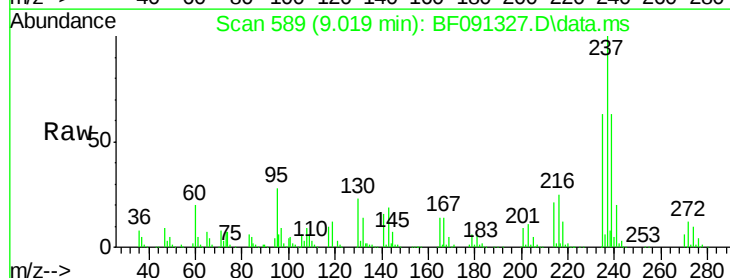
Tgt Ion:237 Resp: 529861

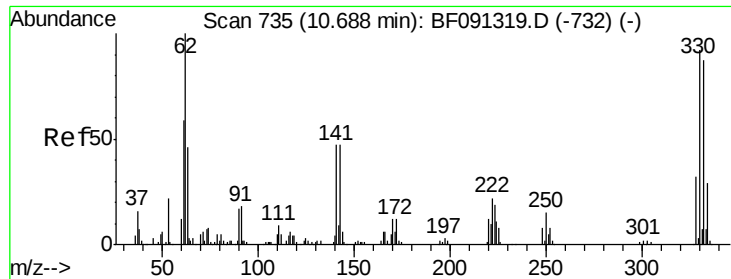
Ion Ratio Lower Upper

237 100

235 62.7 43.9 83.9

272 12.4 0.0 33.1

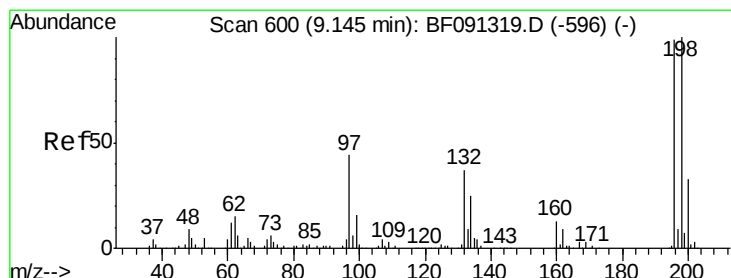
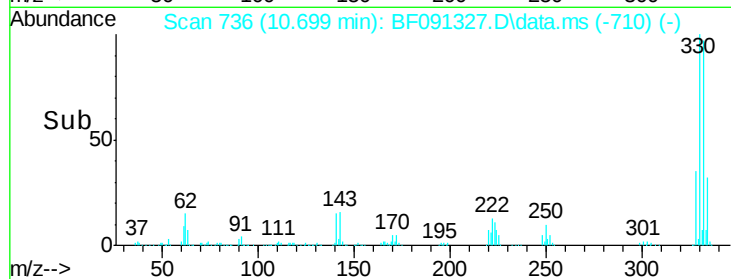
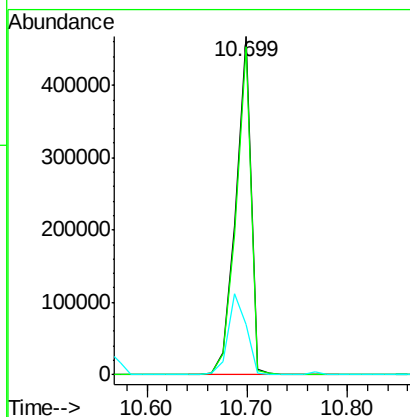
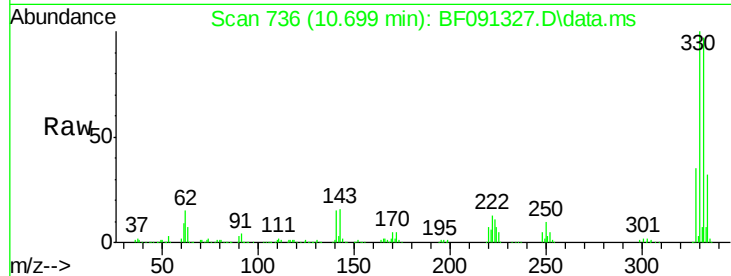




#41
 2,4,6-Tribromophenol
 Concen: 121.25 ng
 RT: 10.699 min Scan# 73
 Delta R.T. -0.006 min
 Lab File: BF091327.D
 Acq: 29 Nov 2016 15:16

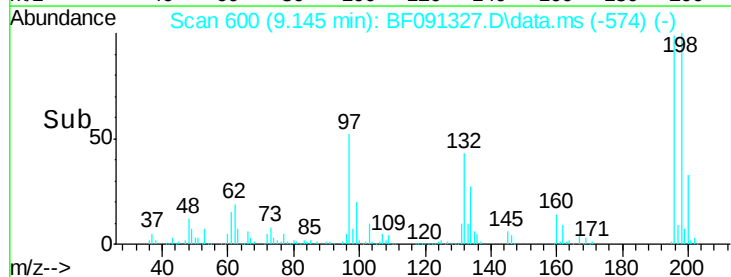
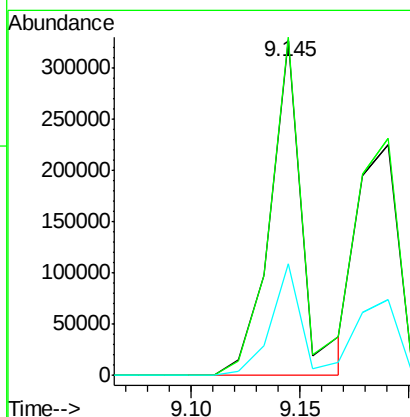
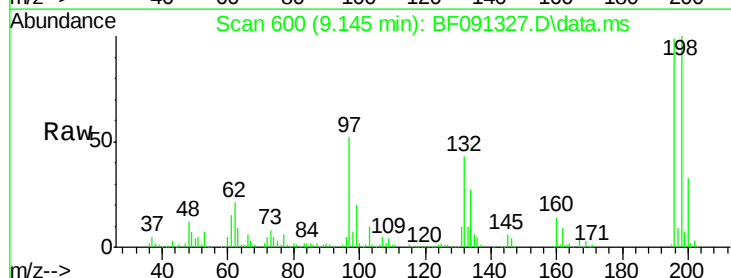
Instrument :
 BNA_F
 ClientSampleId :

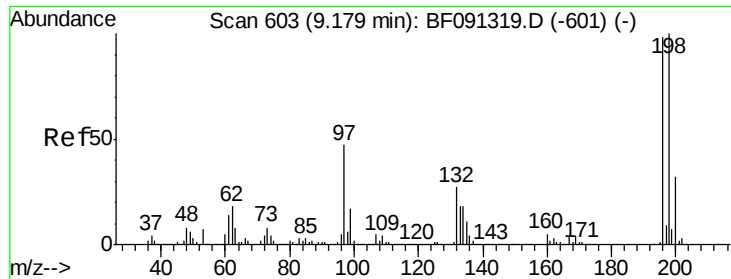
Tot Ion:330 Resp: 490491
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.2 114.4
 141 28.4 33.6 50.4#



#42
 2,4,6-Trichlorophenol
 Concen: 43.55 ng
 RT: 9.145 min Scan# 600
 Delta R.T. -0.006 min
 Lab File: BF091327.D
 Acq: 29 Nov 2016 15:16

Tgt Ion:196 Resp: 340985
 Ion Ratio Lower Upper
 196 100
 198 100.6 77.4 116.0
 200 33.4 25.2 37.8

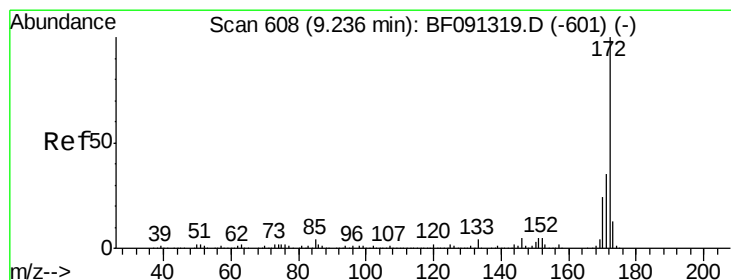
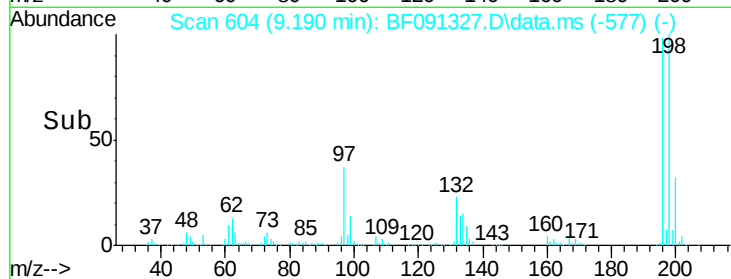
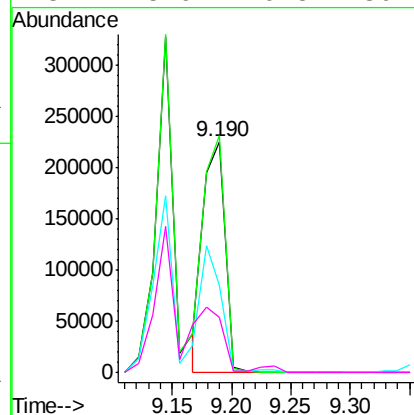
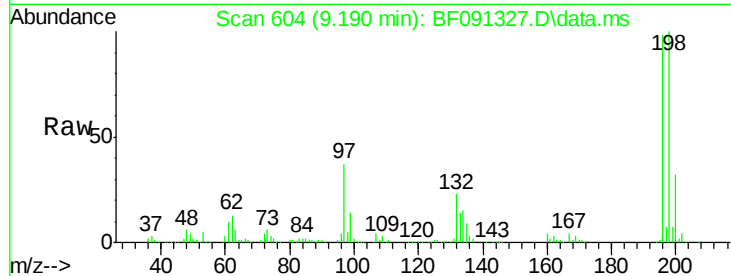




#43
 2,4,5-Trichlorophenol
 Concen: 37.40 ng
 RT: 9.190 min Scan# 601
 Delta R.T. 0.006 min
 Lab File: BF091327.D
 Acq: 29 Nov 2016 15:16

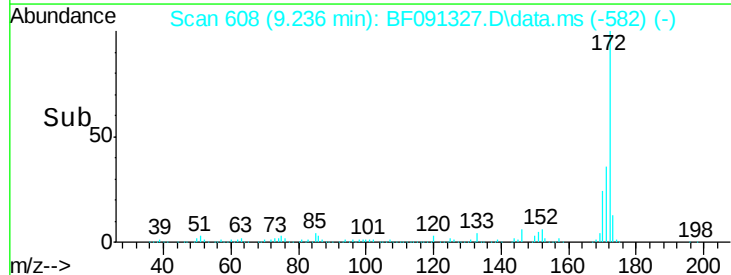
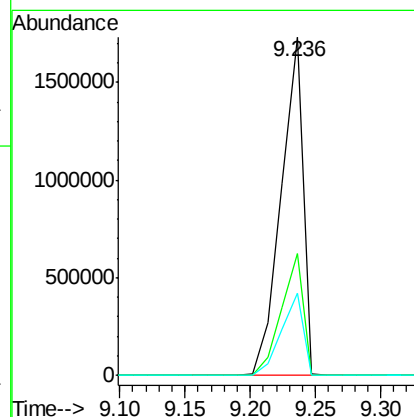
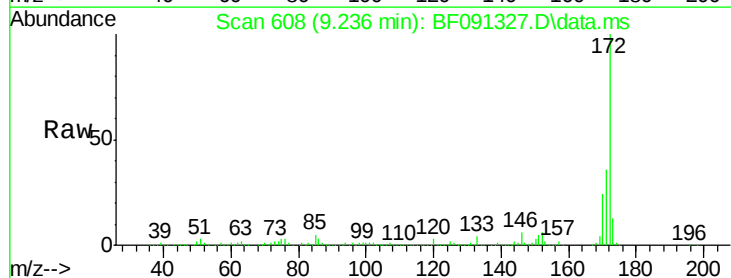
Instrument :
 BNA_F
 ClientSampleId :

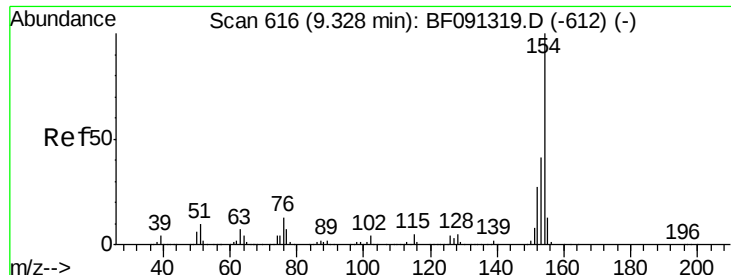
Tot Ion	Ratio	Lower	Upper
196	100		
198	102.5	77.0	115.6
97	37.8	33.5	50.3
132	23.9	20.5	30.7



#44
 2-Fluorobiphenyl
 Concen: 87.08 ng
 RT: 9.236 min Scan# 608
 Delta R.T. -0.005 min
 Lab File: BF091327.D
 Acq: 29 Nov 2016 15:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.5	19.7	29.5

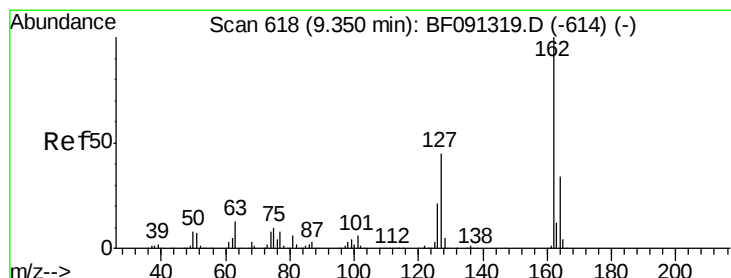
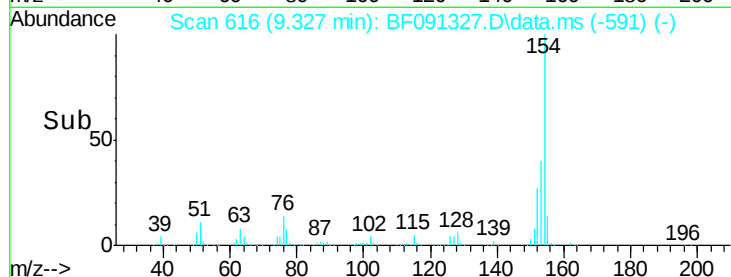
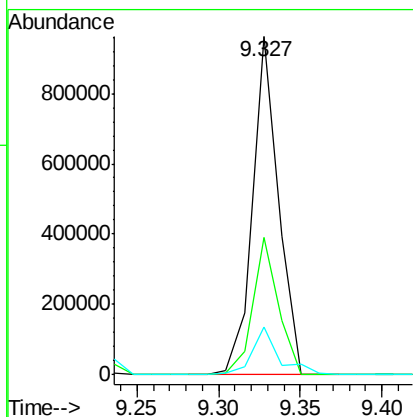
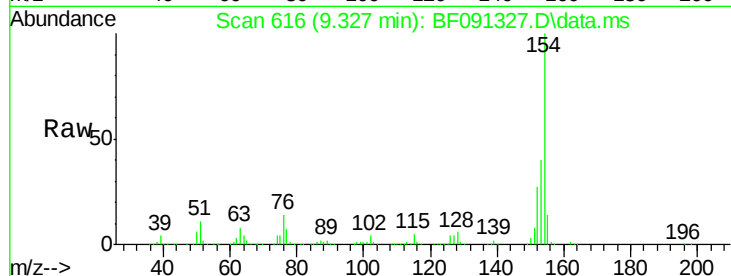




#45
 1,1'-Biphenyl
 Concen: 34.43 ng
 RT: 9.327 min Scan# 61
 Delta R.T. -0.017 min
 Lab File: BF091327.D
 Acq: 29 Nov 2016 15:16

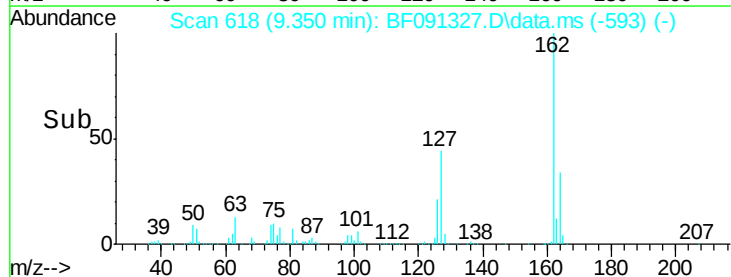
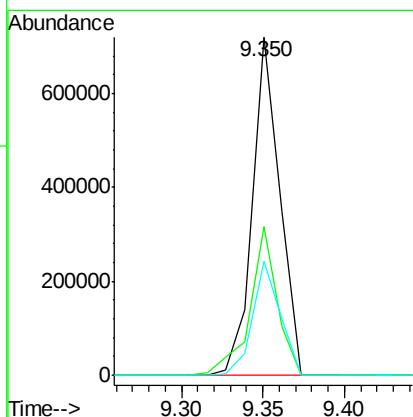
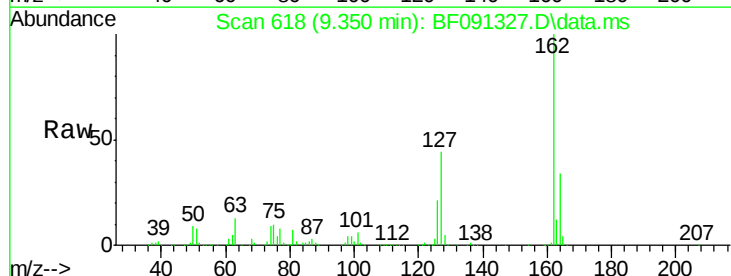
Instrument :
 BNA_F
 ClientSampleId :

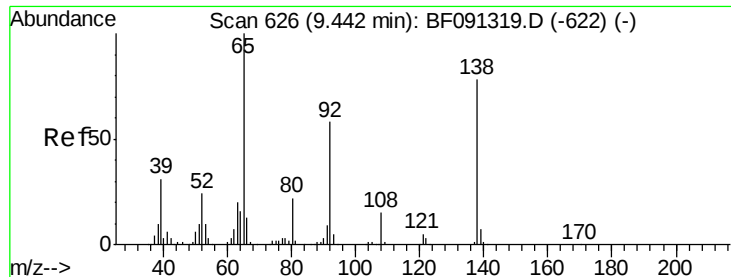
Tot Ion:154 Resp: 1057772
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.6 60.6
 76 14.1 0.0 36.6



#46
 2-Chloronaphthalene
 Concen: 36.50 ng
 RT: 9.350 min Scan# 618
 Delta R.T. -0.017 min
 Lab File: BF091327.D
 Acq: 29 Nov 2016 15:16

Tgt Ion:162 Resp: 835306
 Ion Ratio Lower Upper
 162 100
 127 44.1 34.3 51.5
 164 33.8 26.6 40.0

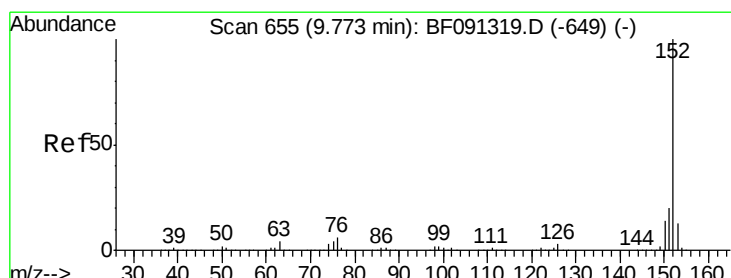
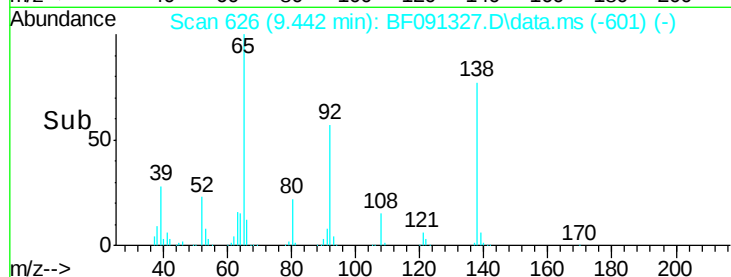
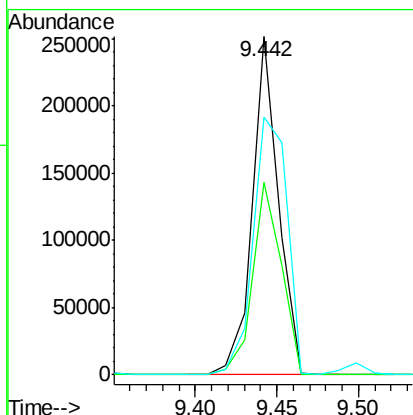
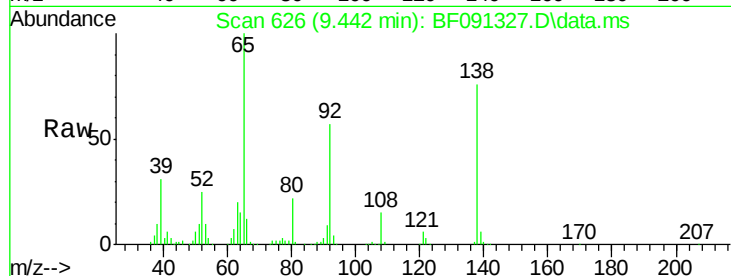




#47
2-Nitroaniline
Concen: 33.86 ng
RT: 9.442 min Scan# 62
Delta R.T. -0.017 min
Lab File: BF091327.D
Acq: 29 Nov 2016 15:16

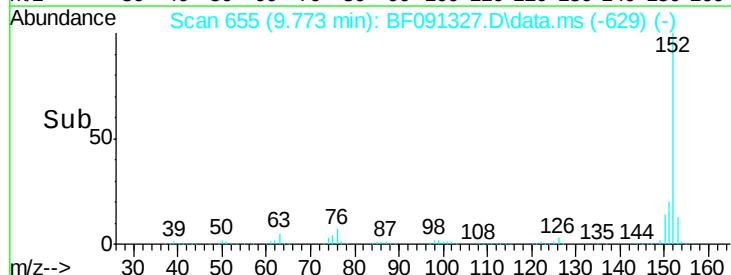
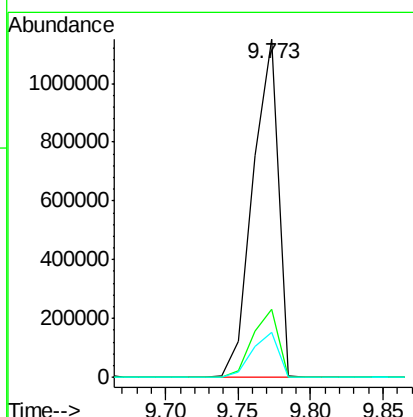
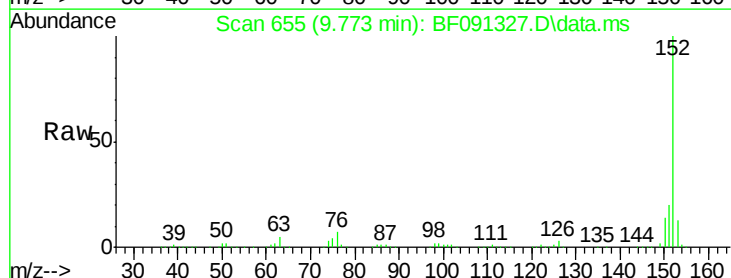
Instrument :
BNA_F
ClientSampleId :

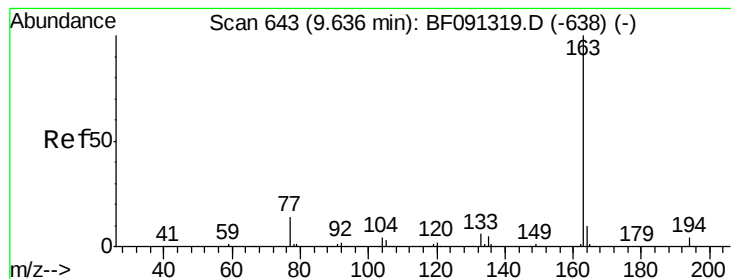
Tot Ion: 65 Resp: 278261
Ion Ratio Lower Upper
65 100
92 56.8 53.6 80.4
138 76.2 91.0 136.6#



#48
Acenaphthylene
Concen: 38.86 ng
RT: 9.773 min Scan# 655
Delta R.T. -0.006 min
Lab File: BF091327.D
Acq: 29 Nov 2016 15:16

Tgt Ion: 152 Resp: 1399679
Ion Ratio Lower Upper
152 100
151 20.0 16.6 24.8
153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 40.68 ng

RT: 9.636 min Scan# 64

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

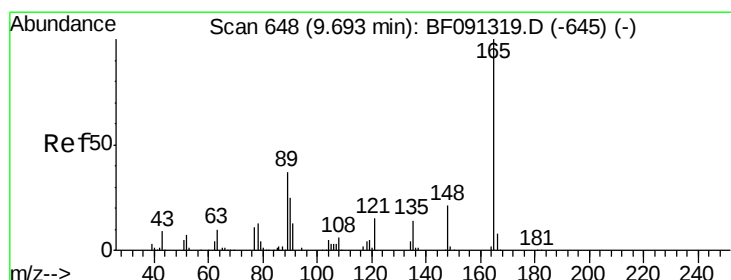
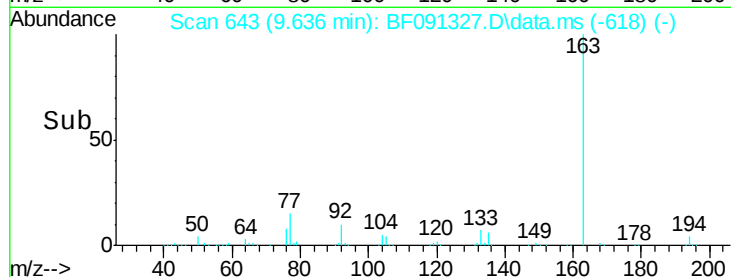
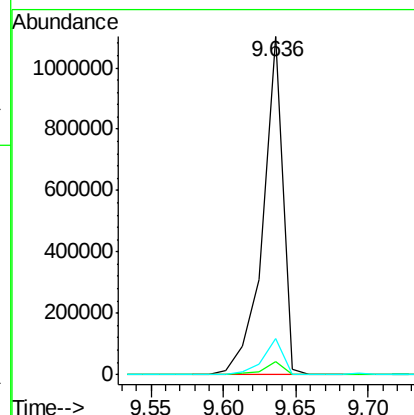
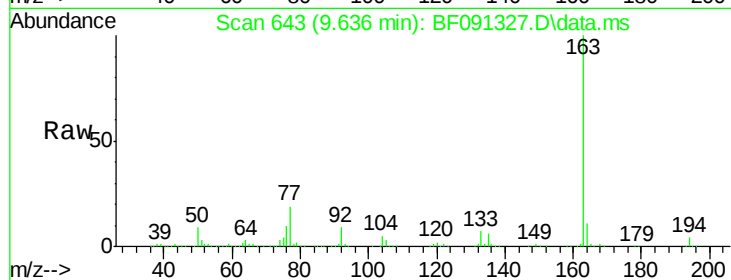
Tot Ion:163 Resp: 1052425

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 10.6 7.8 11.8



#50

2,6-Dinitrotoluene

Concen: 43.17 ng

RT: 9.693 min Scan# 648

Delta R.T. -0.006 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

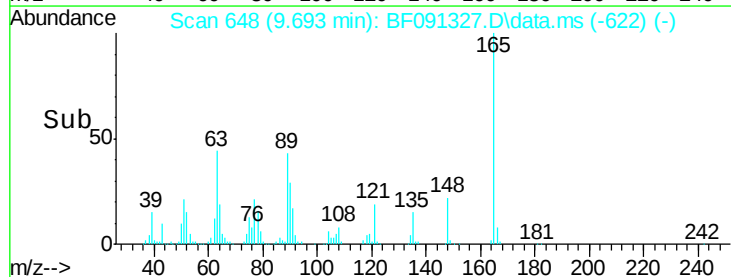
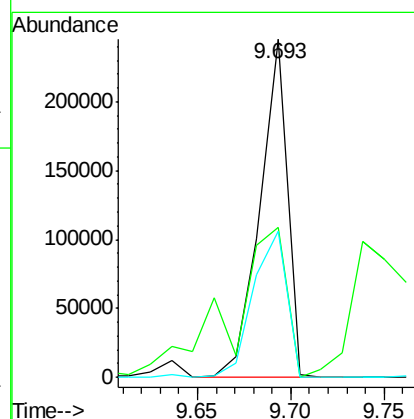
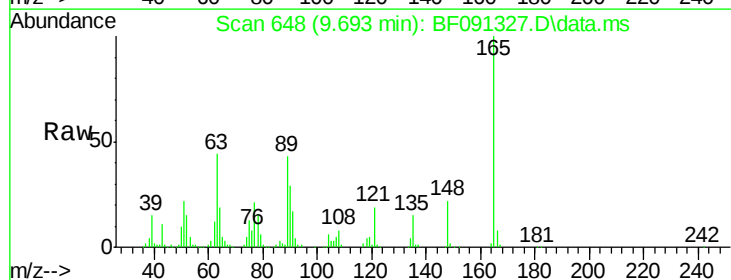
Tgt Ion:165 Resp: 249664

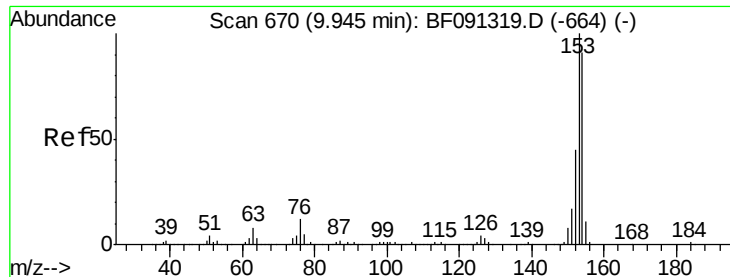
Ion Ratio Lower Upper

165 100

63 44.4 59.4 89.0#

89 43.2 50.8 76.2#





#51

Acenaphthene

Concen: 42.82 ng

RT: 9.945 min Scan# 670

Delta R.T. -0.006 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

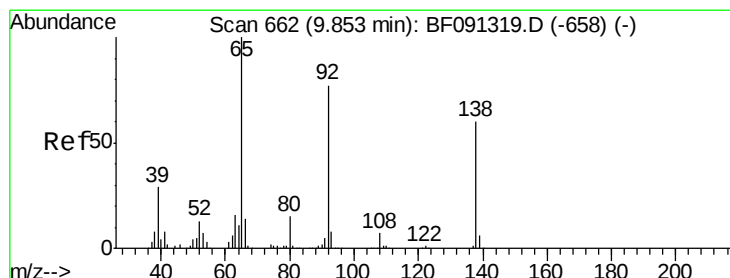
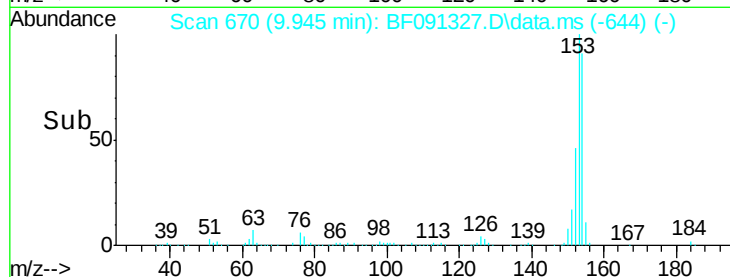
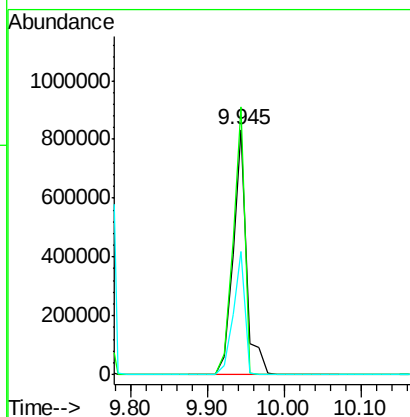
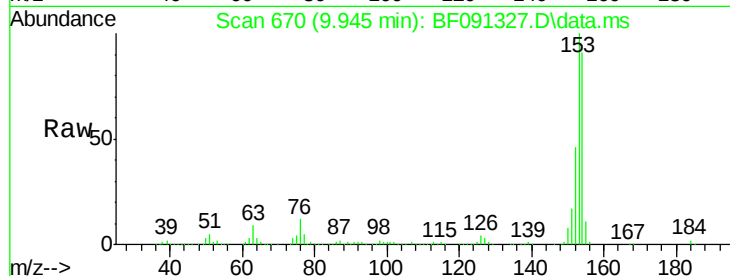
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1040413

Ion	Ratio	Lower	Upper
154	100		
153	109.7	91.0	136.6
152	50.3	44.2	66.2



#52

3-Nitroaniline

Concen: 22.96 ng

RT: 9.853 min Scan# 662

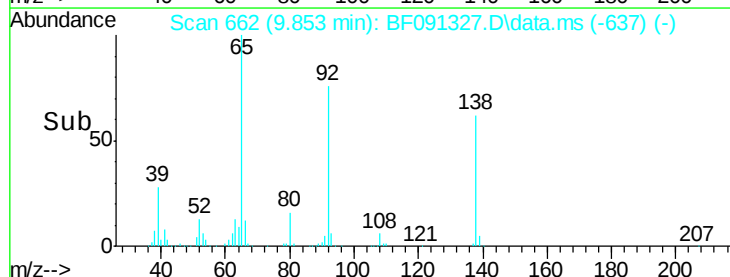
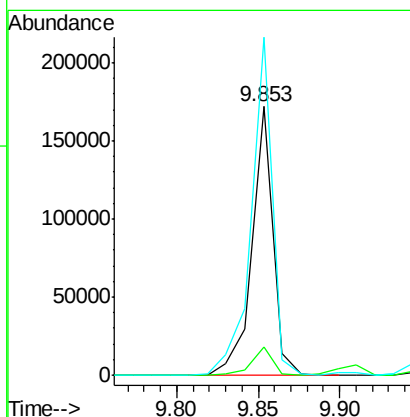
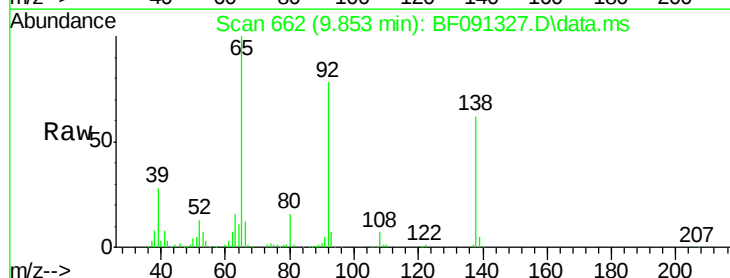
Delta R.T. -0.017 min

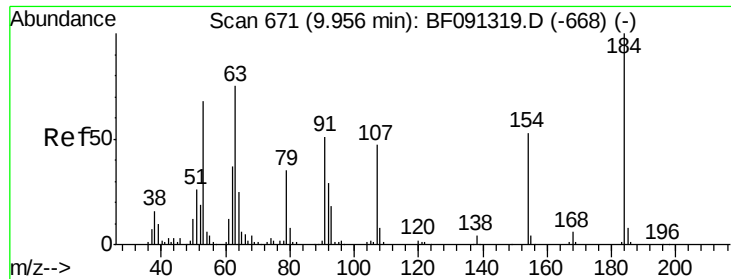
Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Tgt Ion:138 Resp: 153696

Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.1	12.1
92	125.9	92.5	138.7

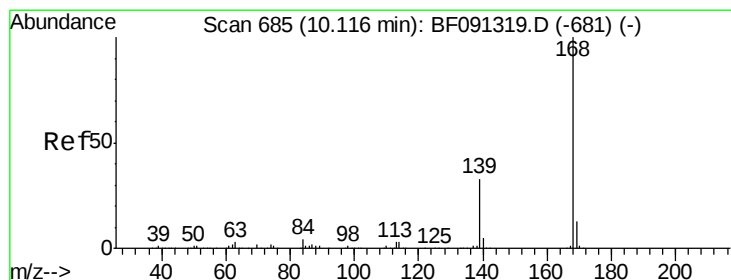
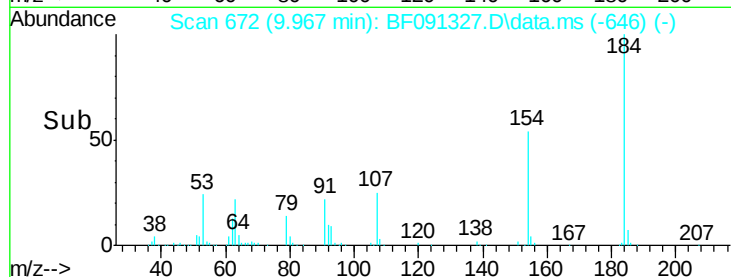
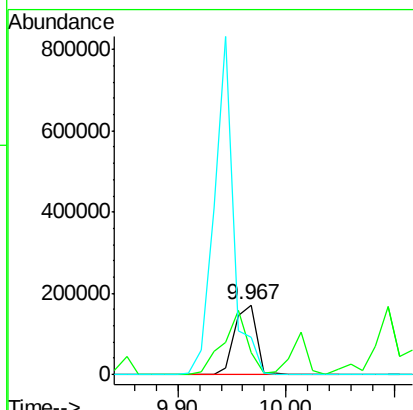
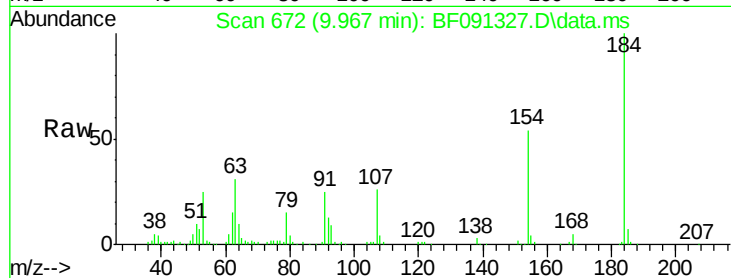




#53
 2,4-Dinitrophenol
 Concen: 93.46 ng
 RT: 9.967 min Scan# 671
 Delta R.T. -0.006 min
 Lab File: BF091327.D
 Acq: 29 Nov 2016 15:16

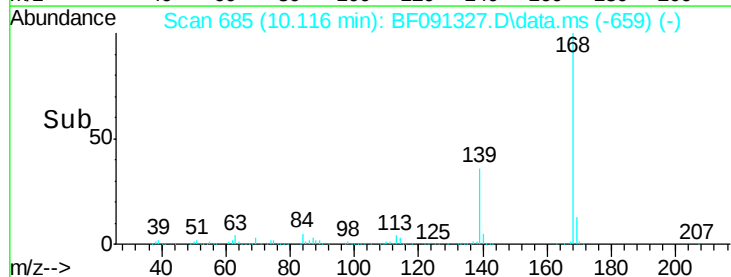
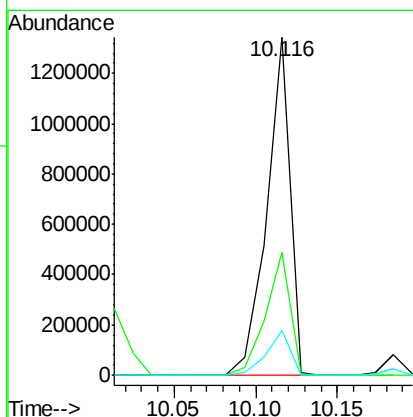
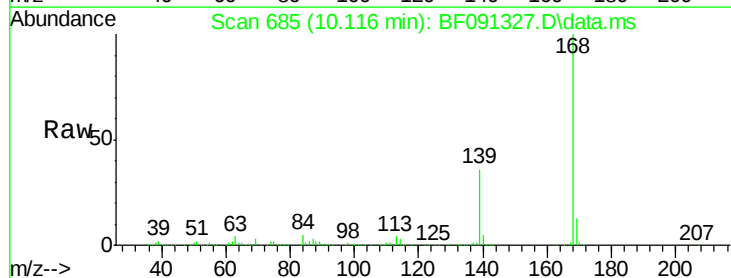
Instrument :
 BNA_F
 ClientSampleId :

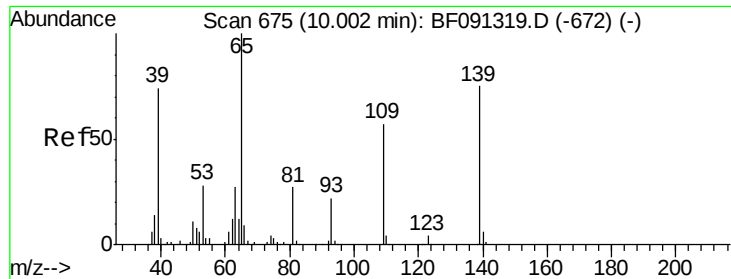
Tot Ion:184 Resp: 236342
 Ion Ratio Lower Upper
 184 100
 63 31.0 58.3 87.5#
 154 54.0 48.6 73.0



#54
 Dibenzofuran
 Concen: 40.98 ng
 RT: 10.116 min Scan# 685
 Delta R.T. -0.005 min
 Lab File: BF091327.D
 Acq: 29 Nov 2016 15:16

Tgt Ion:168 Resp: 1333173
 Ion Ratio Lower Upper
 168 100
 139 36.4 33.4 50.2
 169 13.5 11.1 16.7





#55

4-Nitrophenol

Concen: 66.34 ng

RT: 10.013 min Scan# 67

Delta R.T. -0.006 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

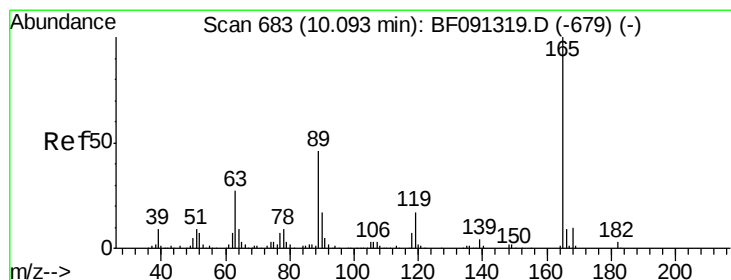
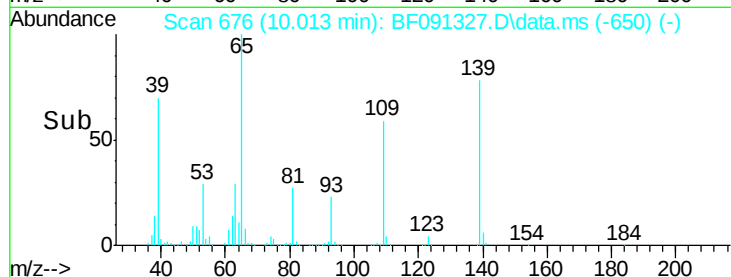
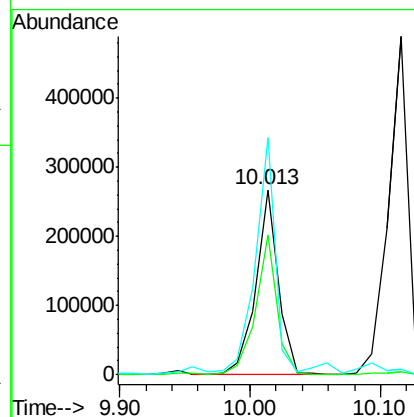
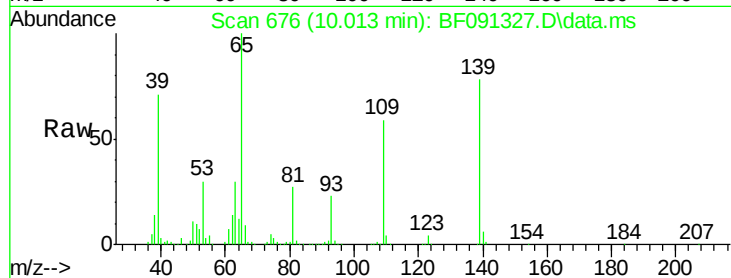
Tot Ion:139 Resp: 320713

Ion Ratio Lower Upper

139 100

109 75.3 54.9 94.9

65 128.0 102.2 142.2



#56

2,4-Dinitrotoluene

Concen: 43.22 ng

RT: 10.093 min Scan# 683

Delta R.T. -0.006 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Tgt Ion:165 Resp: 324249

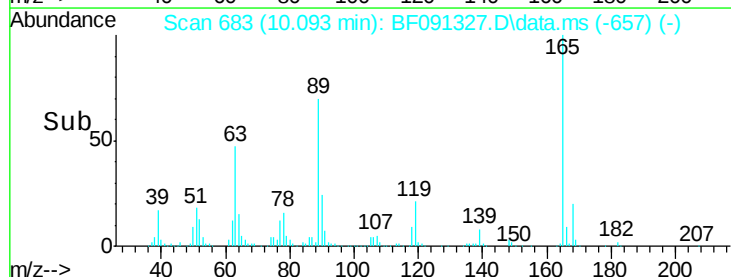
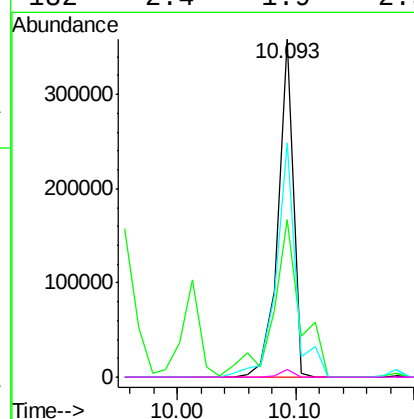
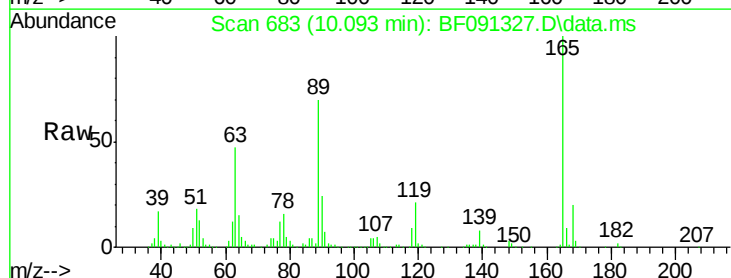
Ion Ratio Lower Upper

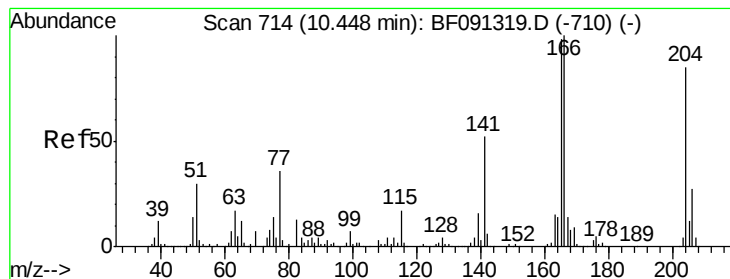
165 100

63 46.6 29.0 43.4#

89 69.5 43.1 64.7#

182 2.4 1.9 2.9





#57

Fluorene

Concen: 38.83 ng

RT: 10.459 min Scan# 71

Delta R.T. -0.005 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

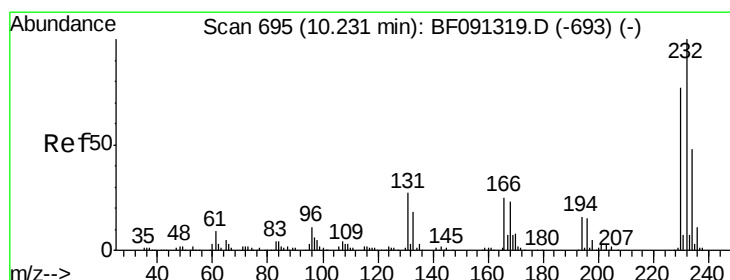
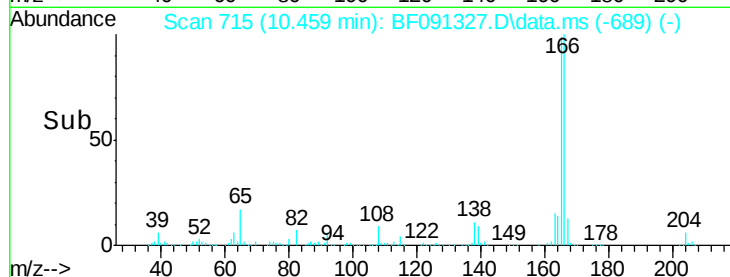
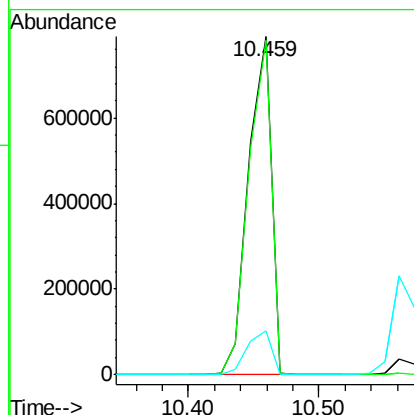
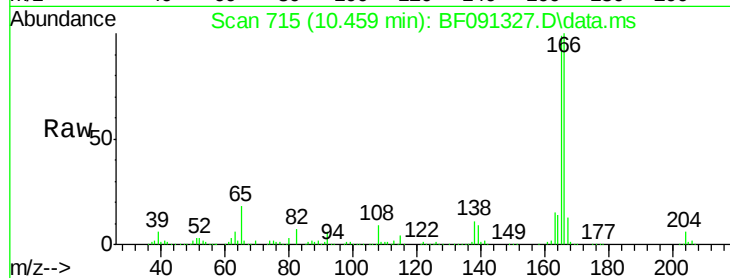
Tot Ion:166 Resp: 969812

Ion Ratio Lower Upper

166 100

165 98.9 80.0 120.0

167 13.1 10.8 16.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.59 ng

RT: 10.230 min Scan# 695

Delta R.T. -0.006 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Tgt Ion:232 Resp: 285339

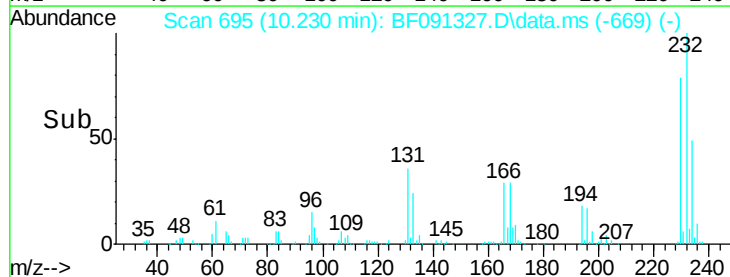
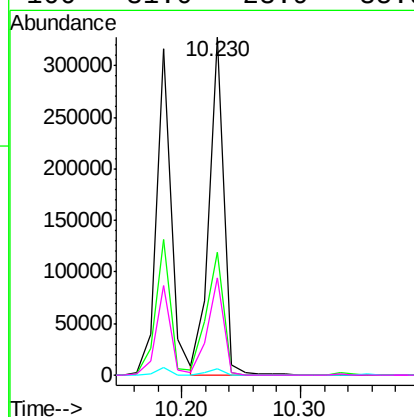
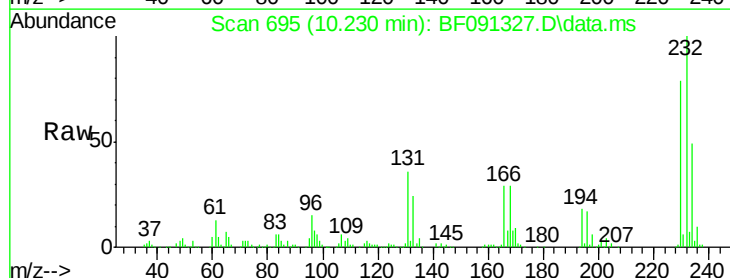
Ion Ratio Lower Upper

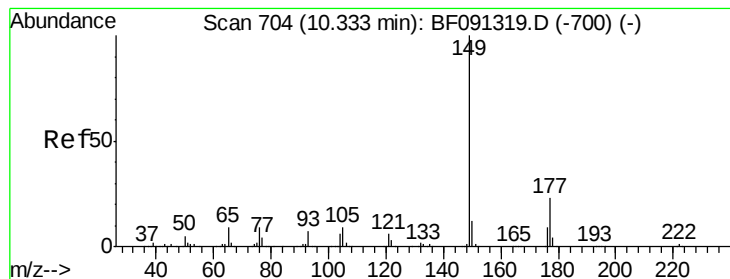
232 100

131 42.4 38.4 57.6

130 2.1 1.8 2.8

166 31.0 23.9 35.9





#59

Diethylphthalate

Concen: 37.84 ng

RT: 10.333 min Scan# 704

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

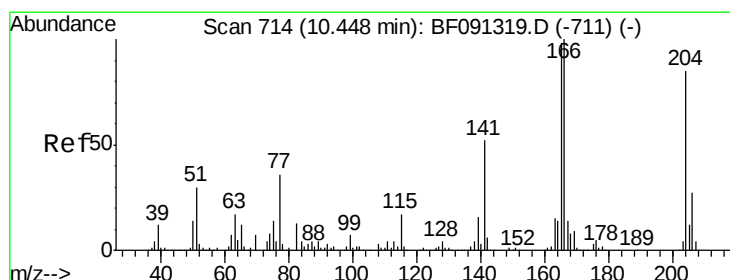
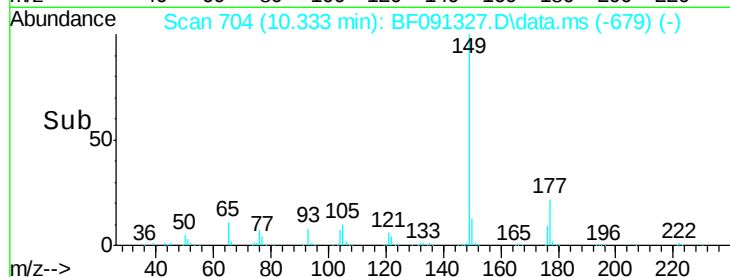
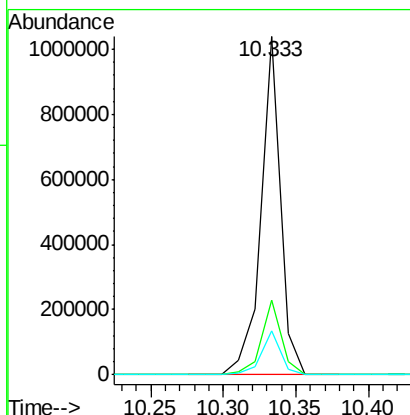
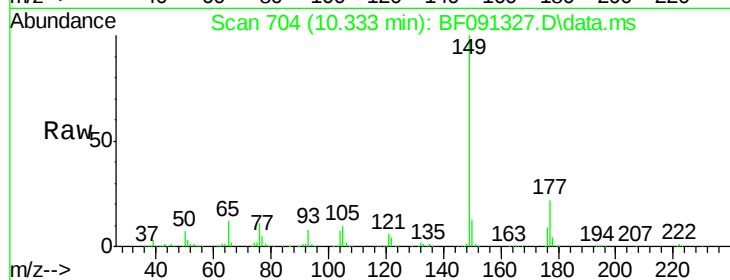
Tot Ion:149 Resp: 966371

Ion Ratio Lower Upper

149 100

177 22.1 15.7 23.5

150 12.9 10.2 15.2



#60

4-Chlorophenyl-phenylether

Concen: 35.21 ng

RT: 10.448 min Scan# 714

Delta R.T. -0.016 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

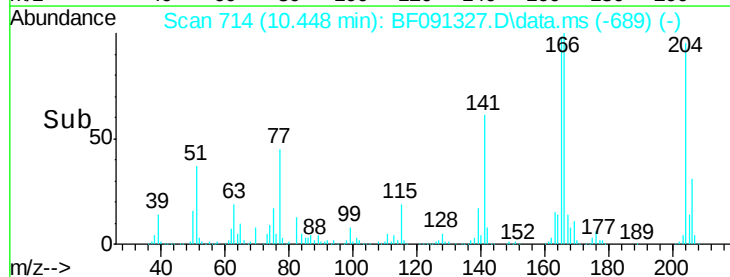
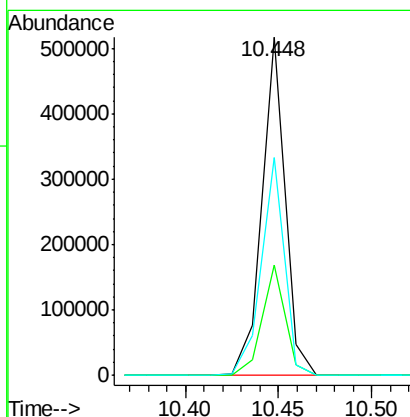
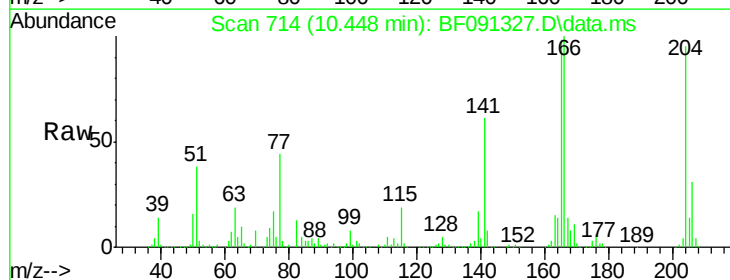
Tgt Ion:204 Resp: 441066

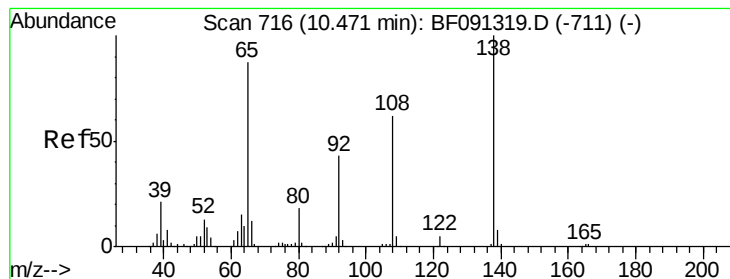
Ion Ratio Lower Upper

204 100

206 32.6 26.1 39.1

141 64.3 40.6 61.0#





#61

4-Nitroaniline

Concen: 35.07 ng

RT: 10.470 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampled :

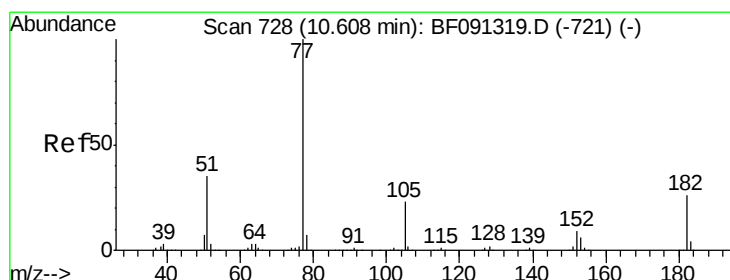
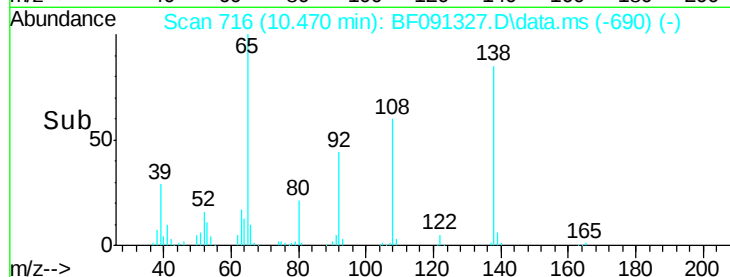
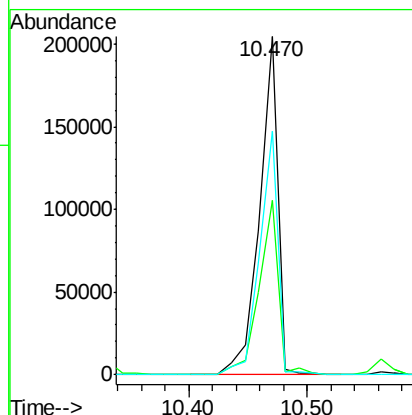
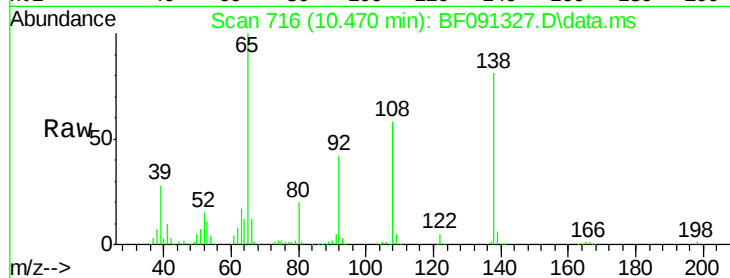
Tot Ion:138 Resp: 220415

Ion Ratio Lower Upper

138 100

92 51.5 26.9 66.9

108 71.9 49.1 89.1



#62

Azobenzene

Concen: 42.42 ng

RT: 10.608 min Scan# 728

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Tgt Ion: 77 Resp: 1105472

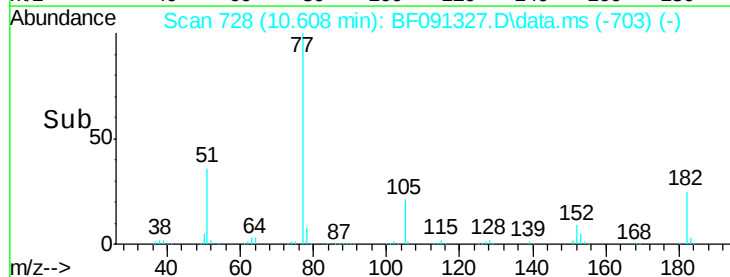
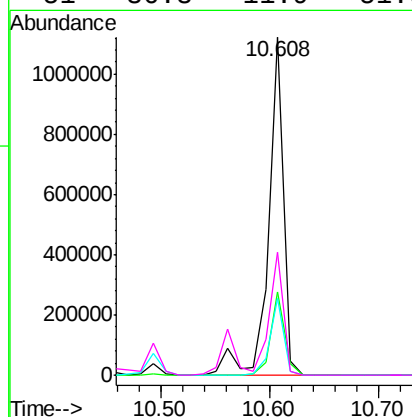
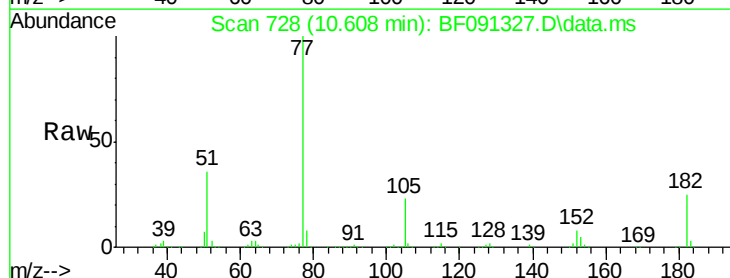
Ion Ratio Lower Upper

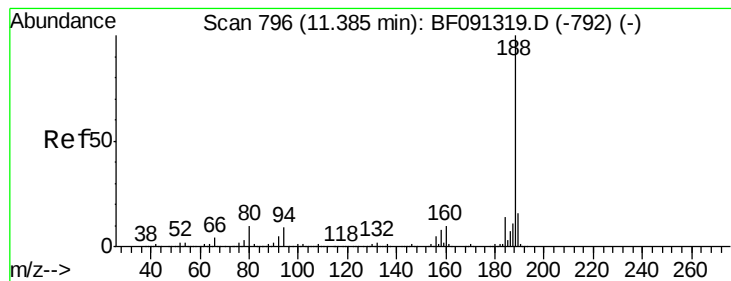
77 100

182 24.5 12.5 52.5

105 22.6 3.7 43.7

51 36.3 11.9 51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.385 min Scan# 796

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

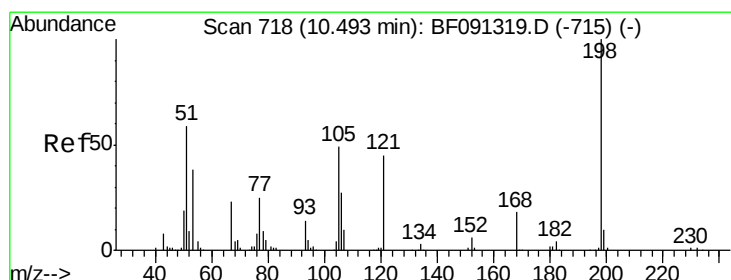
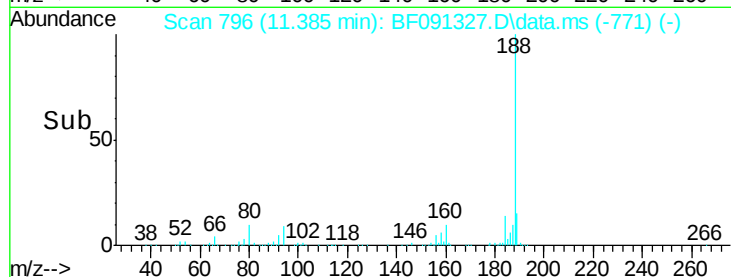
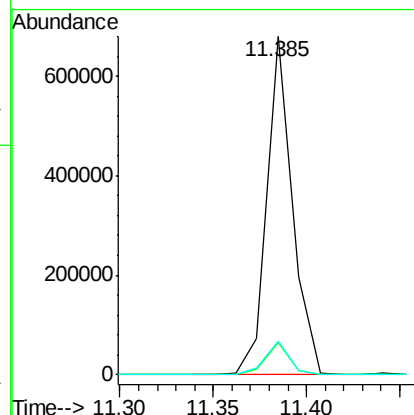
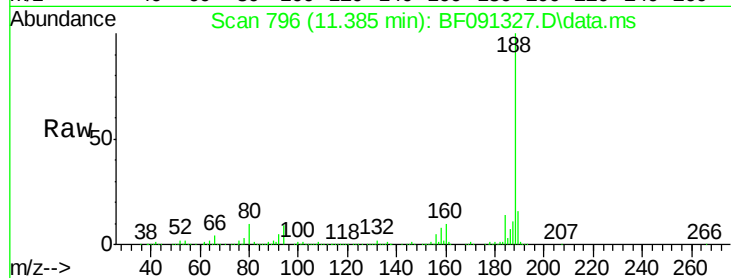
Tot Ion:188 Resp: 653685

Ion Ratio Lower Upper

188 100

94 9.4 9.2 13.8

80 9.8 10.5 15.7#



#64

4,6-Dinitro-2-methylphenol

Concen: 40.67 ng

RT: 10.493 min Scan# 718

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

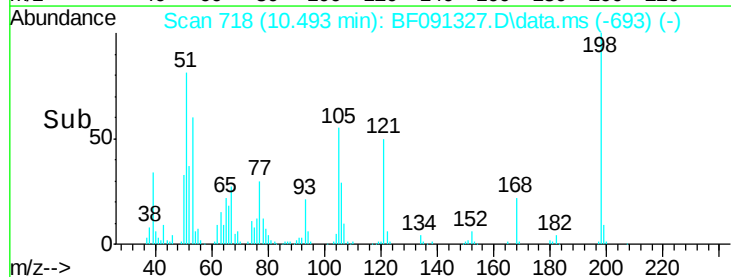
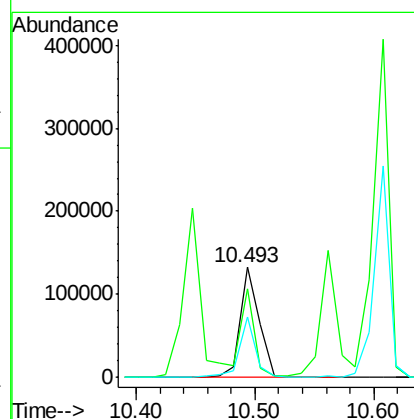
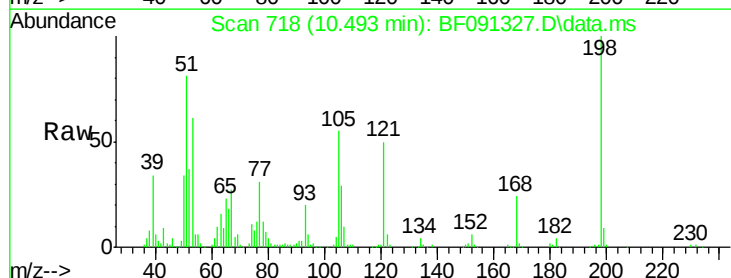
Tgt Ion:198 Resp: 146481

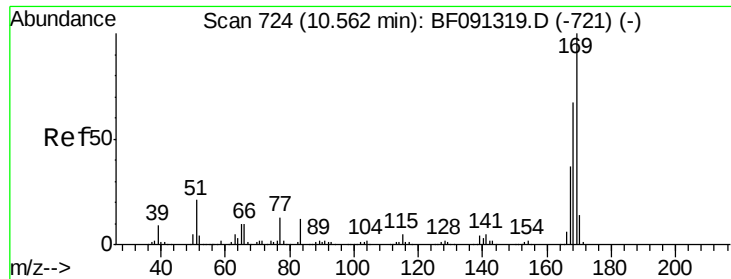
Ion Ratio Lower Upper

198 100

51 80.8 77.1 117.1

105 55.1 44.8 84.8





#65

n-Nitrosodiphenylamine

Concen: 40.46 ng

RT: 10.562 min Scan# 72

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

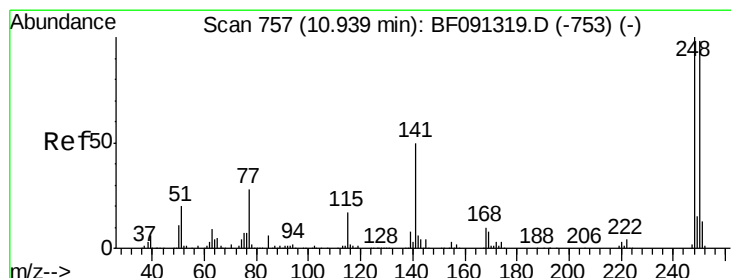
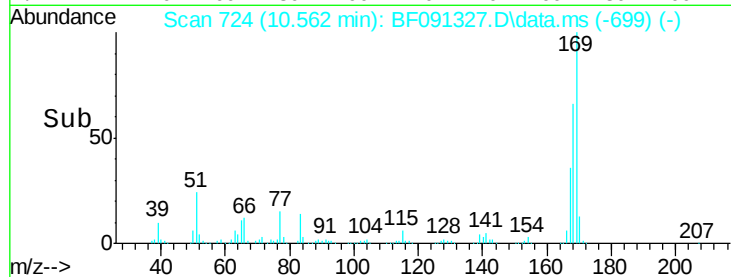
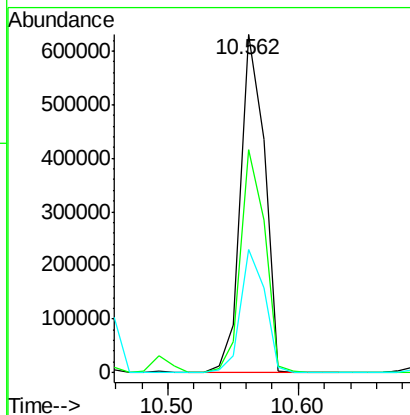
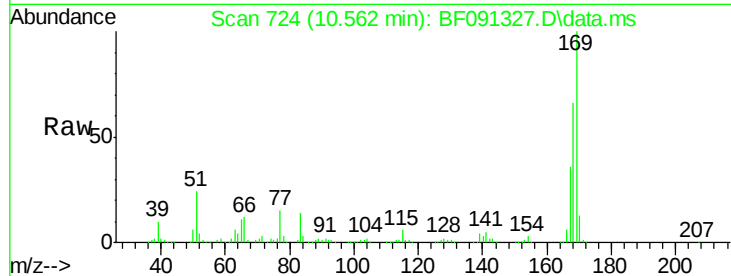
Tot Ion:169 Resp: 801885

Ion Ratio Lower Upper

169 100

168 65.8 53.8 80.8

167 36.4 29.8 44.8



#66

4-Bromophenyl-phenylether

Concen: 46.00 ng

RT: 10.939 min Scan# 757

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

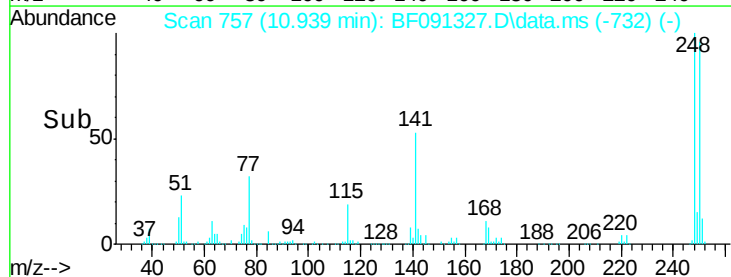
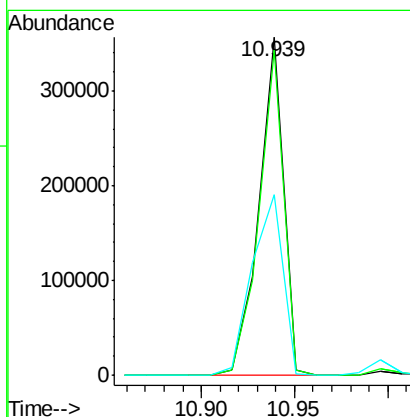
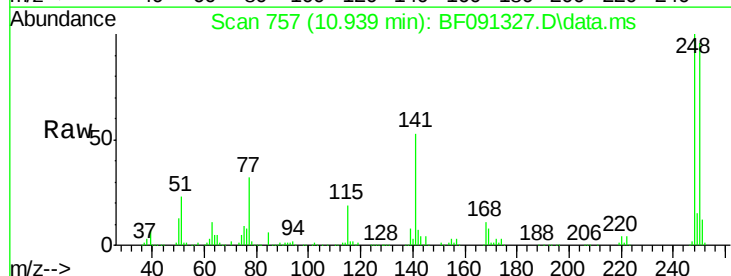
Tgt Ion:248 Resp: 323168

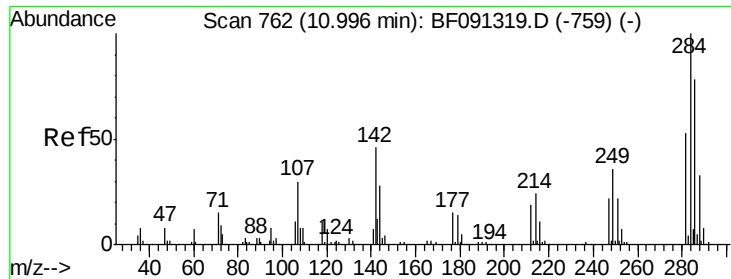
Ion Ratio Lower Upper

248 100

250 96.3 78.2 117.4

141 53.4 71.9 107.9#





#67

Hexachlorobenzene

Concen: 39.33 ng

RT: 10.996 min Scan# 76

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

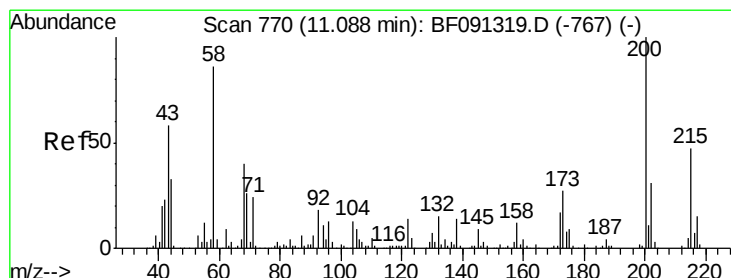
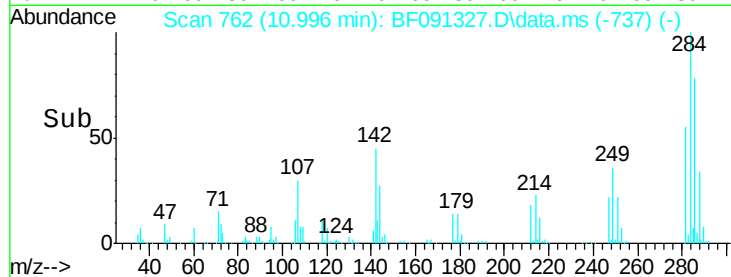
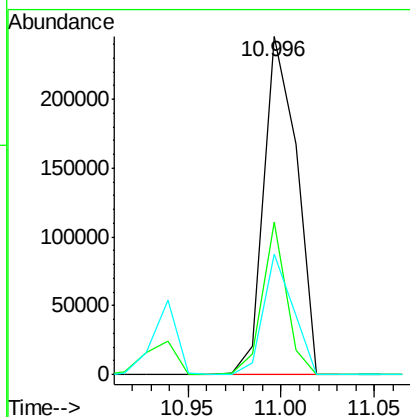
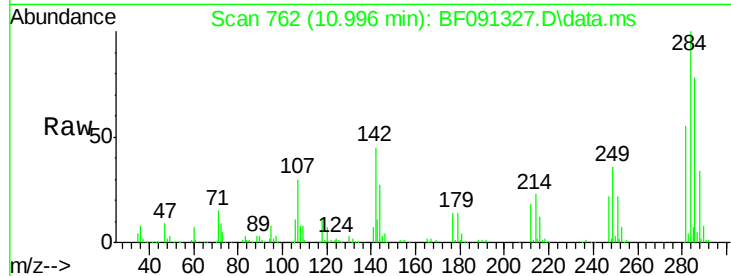
Tot Ion:284 Resp: 298638

Ion Ratio Lower Upper

284 100

142 45.0 17.9 26.9#

249 35.6 23.6 35.4#



#68

Atrazine

Concen: 39.78 ng

RT: 11.088 min Scan# 770

Delta R.T. -0.016 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

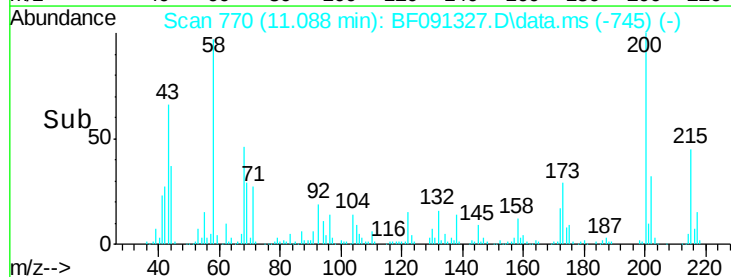
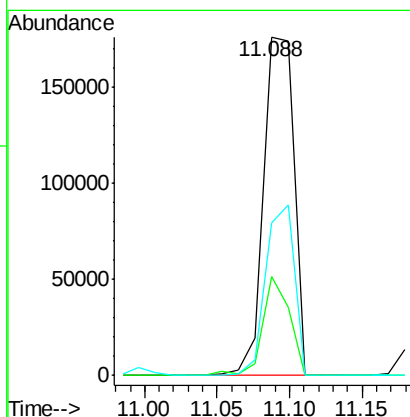
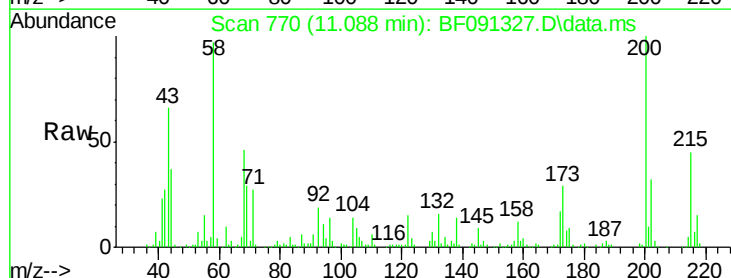
Tgt Ion:200 Resp: 255353

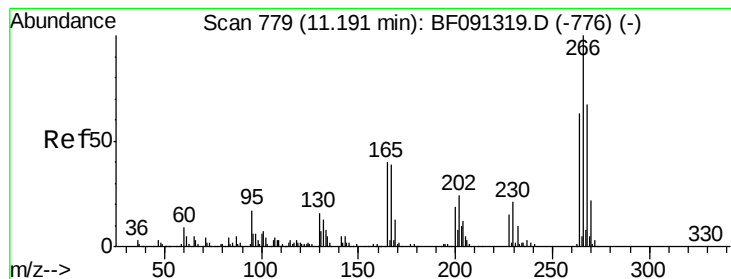
Ion Ratio Lower Upper

200 100

173 29.3 7.8 47.8

215 45.1 24.3 64.3





#69

Pentachlorophenol

Concen: 76.16 ng

RT: 11.190 min Scan# 779

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

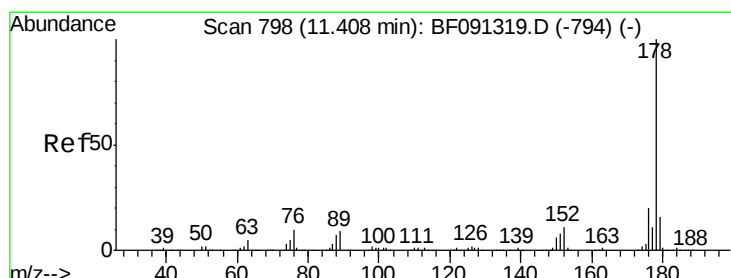
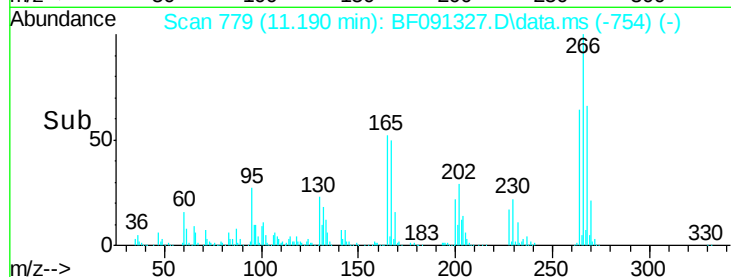
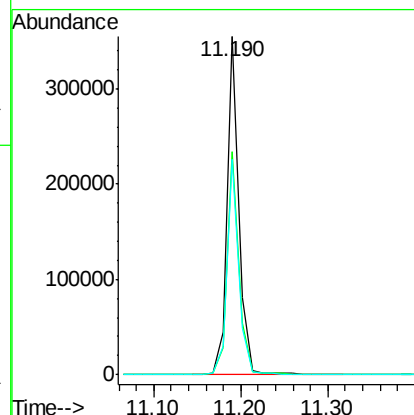
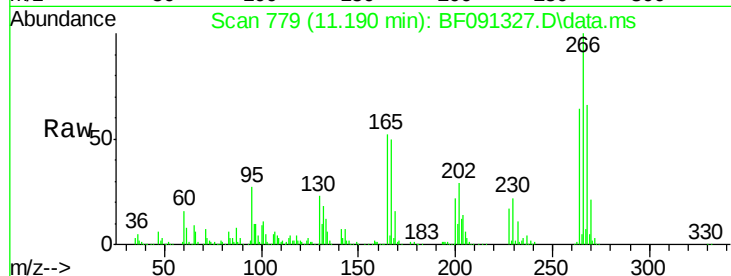
Tot Ion:266 Resp: 340411

Ion Ratio Lower Upper

266 100

268 66.0 50.3 75.5

264 63.6 48.2 72.2



#70

Phenanthrene

Concen: 38.53 ng

RT: 11.408 min Scan# 798

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

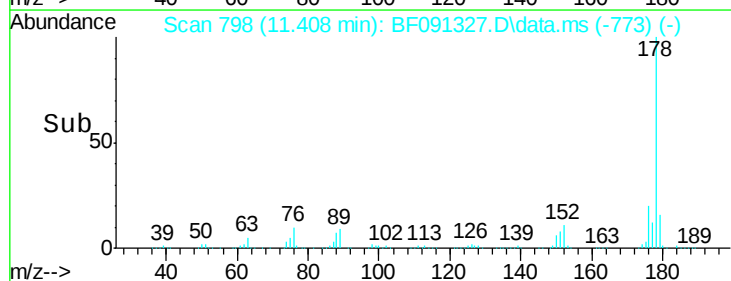
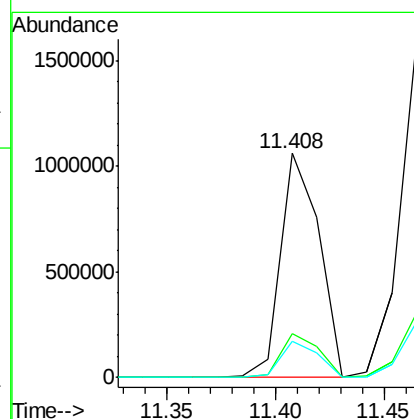
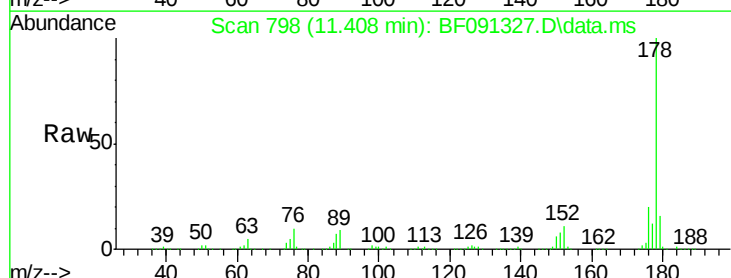
Tgt Ion:178 Resp: 1308660

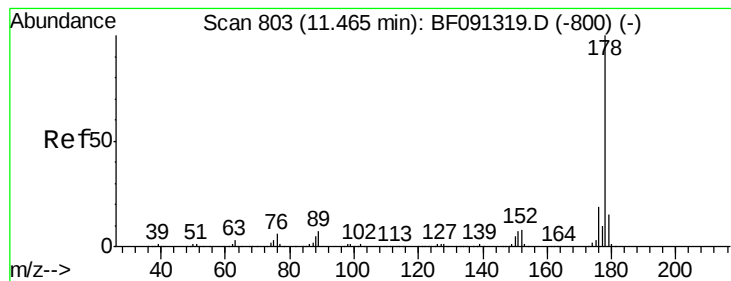
Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

179 16.1 12.6 18.8





#71

Anthracene

Concen: 42.37 ng

RT: 11.465 min Scan# 803

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

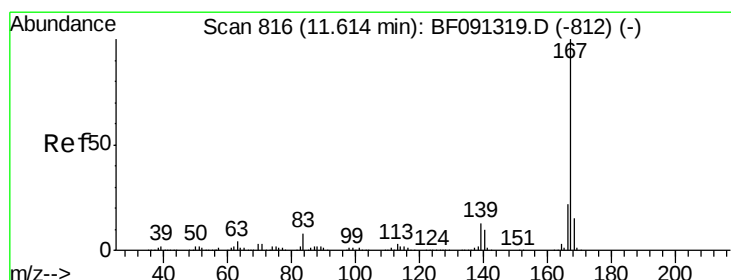
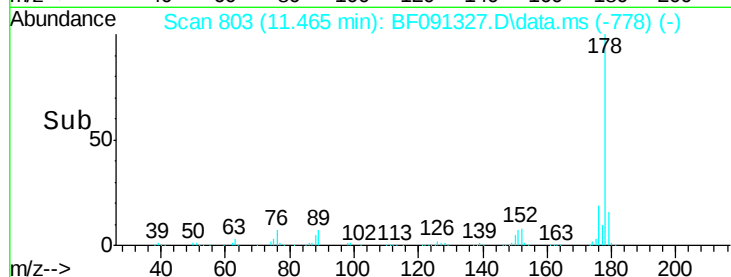
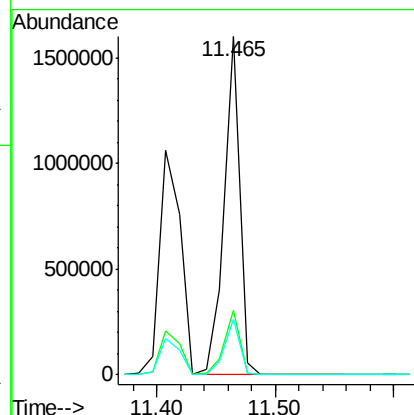
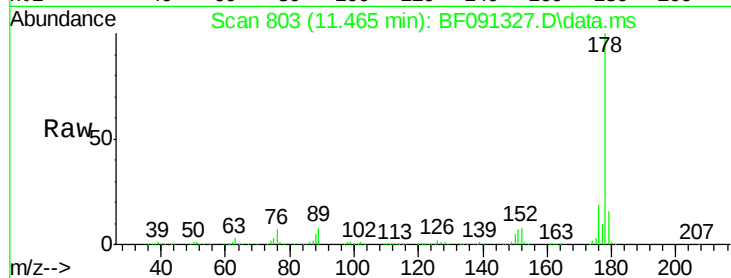
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1428309

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	16.2	12.7	19.1



#72

Carbazole

Concen: 36.75 ng

RT: 11.613 min Scan# 816

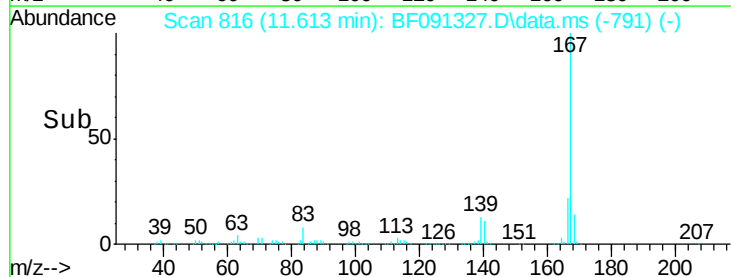
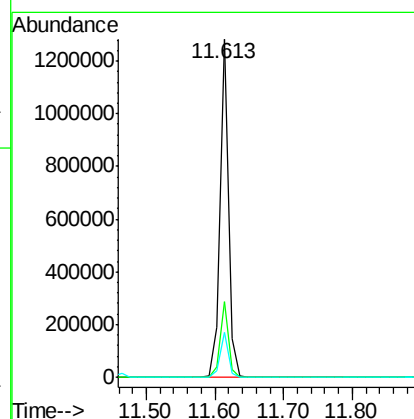
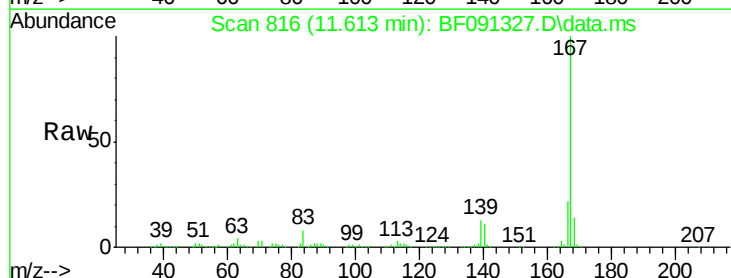
Delta R.T. -0.017 min

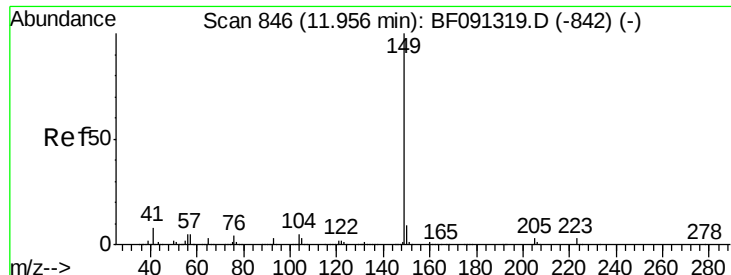
Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Tgt Ion:167 Resp: 1124252

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	13.4	11.5	17.3





#73

Di-n-butylphthalate

Concen: 42.43 ng

RT: 11.956 min Scan# 84

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

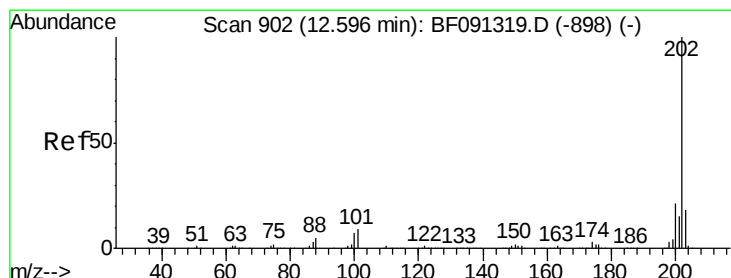
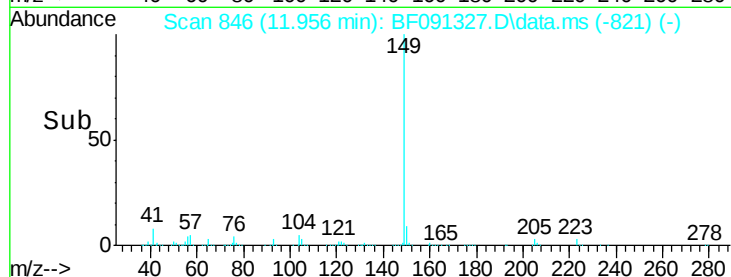
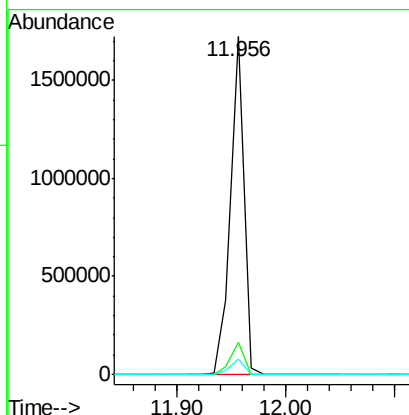
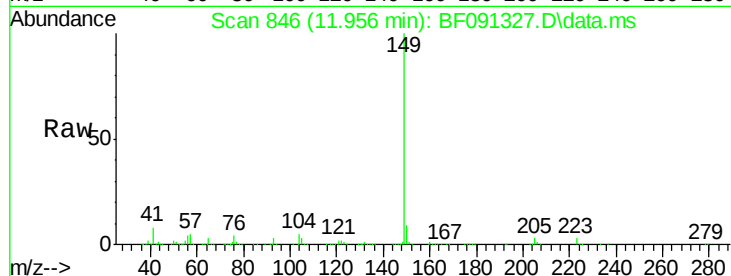
Tot Ion:149 Resp: 1471041

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.7 4.0 6.0



#74

Fluoranthene

Concen: 41.68 ng

RT: 12.596 min Scan# 902

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

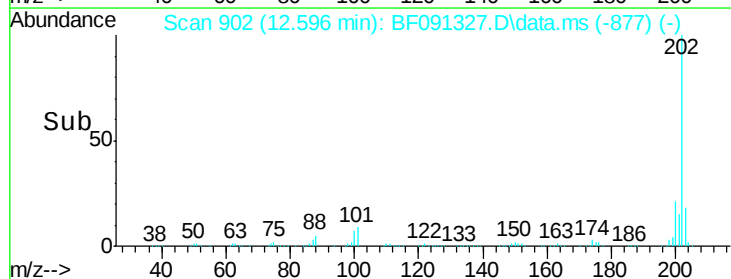
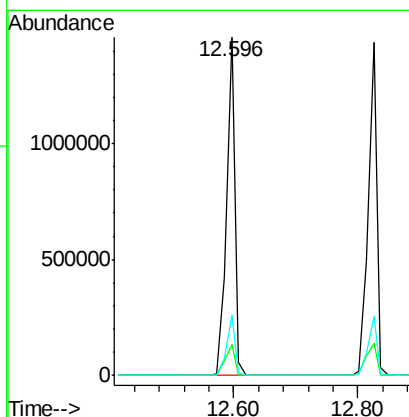
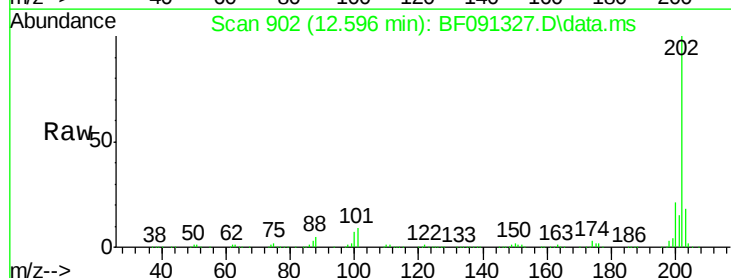
Tgt Ion:202 Resp: 1341056

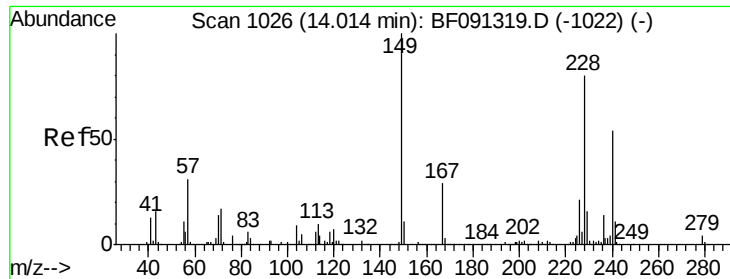
Ion Ratio Lower Upper

202 100

101 9.1 0.0 29.5

203 18.0 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.014 min Scan# 10

Delta R.T. -0.029 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

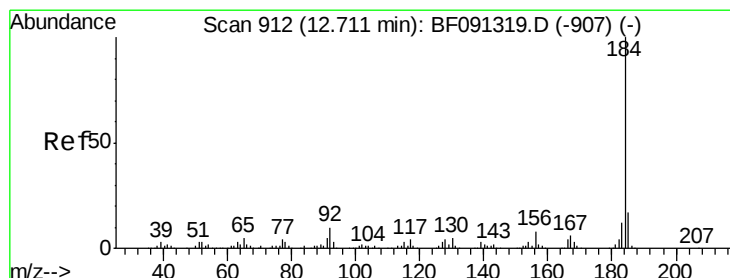
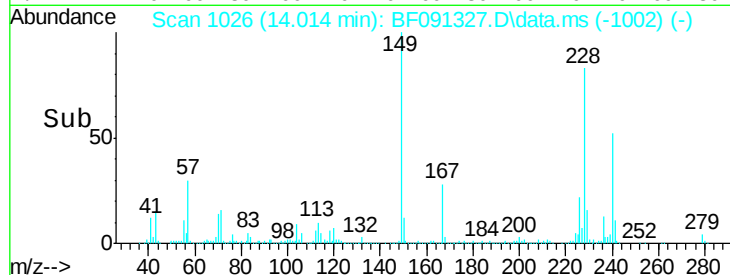
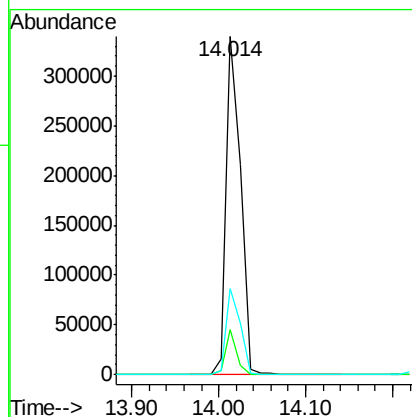
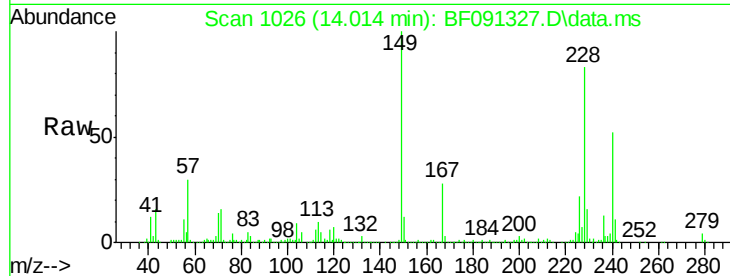
Tot Ion:240 Resp: 396260

Ion Ratio Lower Upper

240 100

120 13.4 12.1 18.1

236 25.4 21.0 31.6



#76

Benzidine

Concen: 23.02 ng

RT: 12.711 min Scan# 912

Delta R.T. -0.016 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

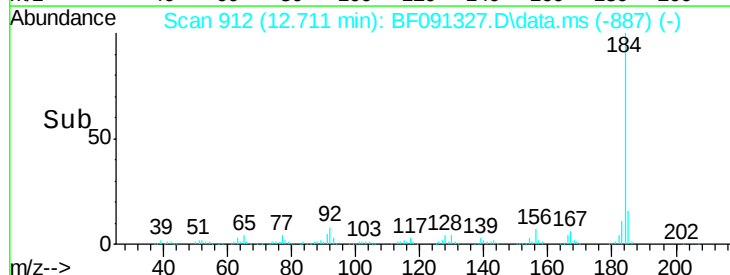
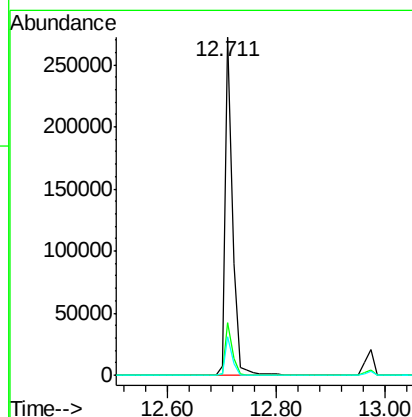
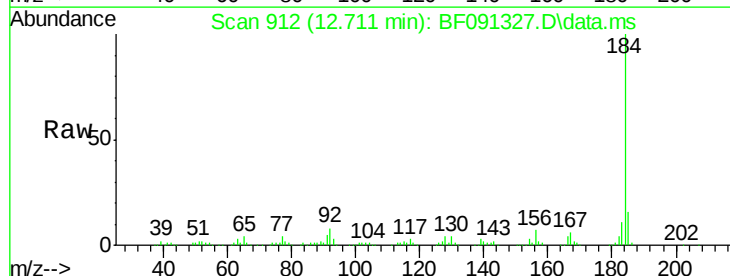
Tgt Ion:184 Resp: 267837

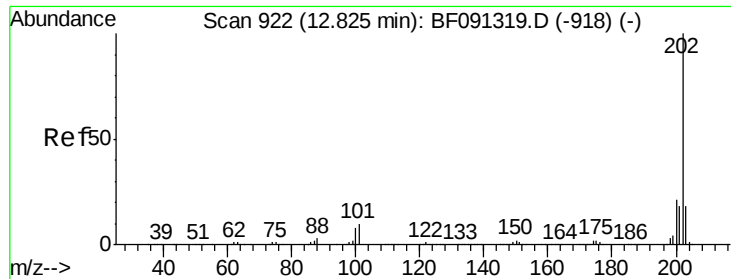
Ion Ratio Lower Upper

184 100

185 15.6 13.1 19.7

183 11.5 8.9 13.3





#77

Pvrene

Concen: 45.21 ng

RT: 12.825 min Scan# 92

Delta R.T. -0.017 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

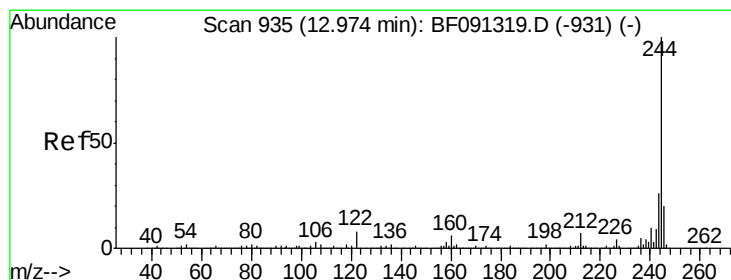
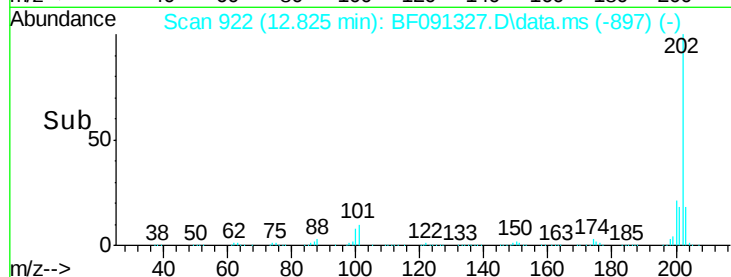
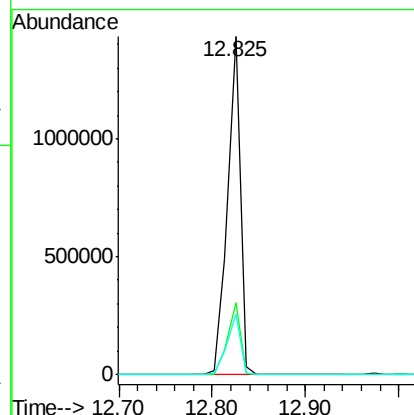
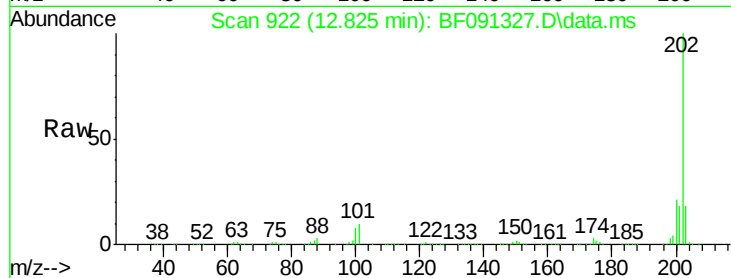
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1359667

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.7	14.0	21.0



#78

Terphenyl-d14

Concen: 92.23 ng

RT: 12.973 min Scan# 935

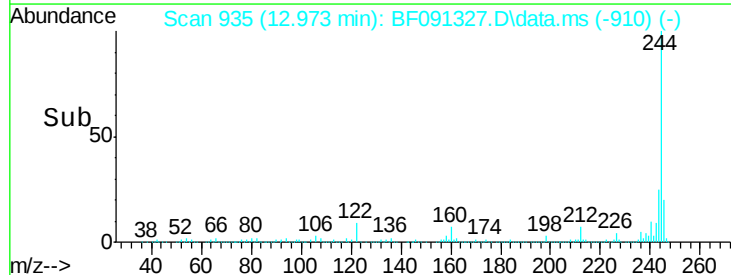
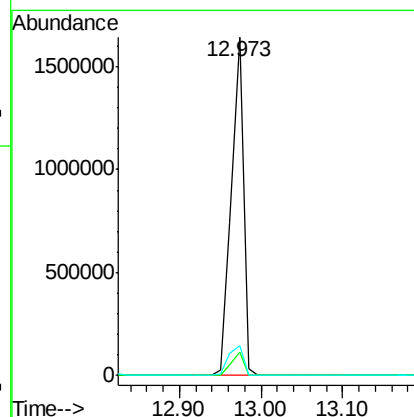
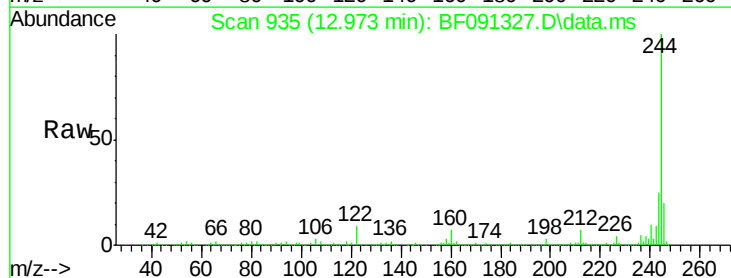
Delta R.T. -0.017 min

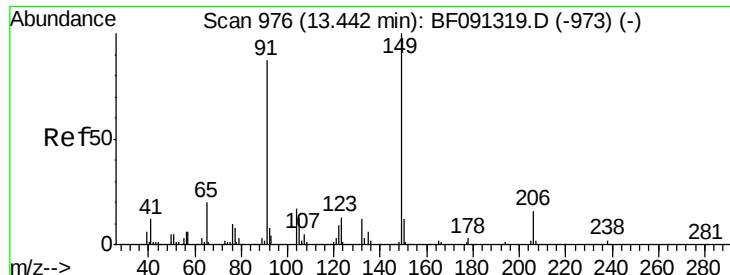
Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Tgt Ion:244 Resp: 1681435

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	8.8	9.5	14.3#

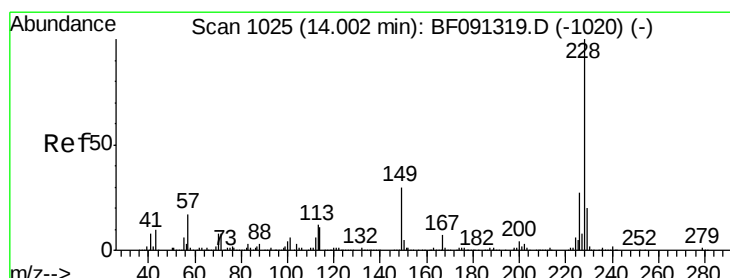
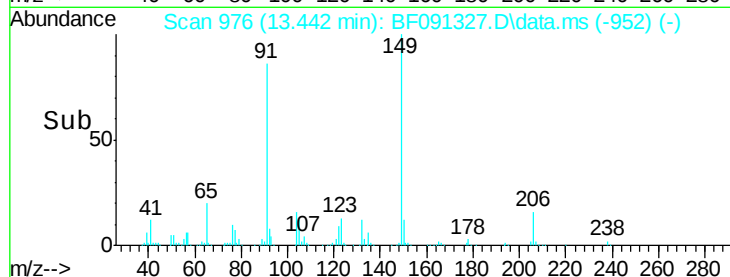
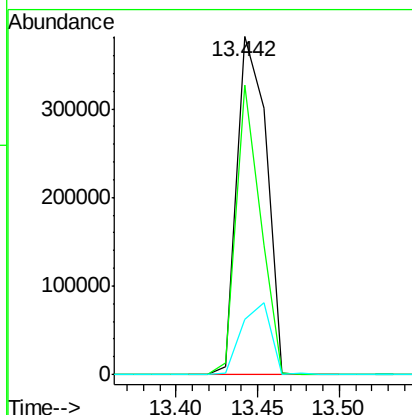
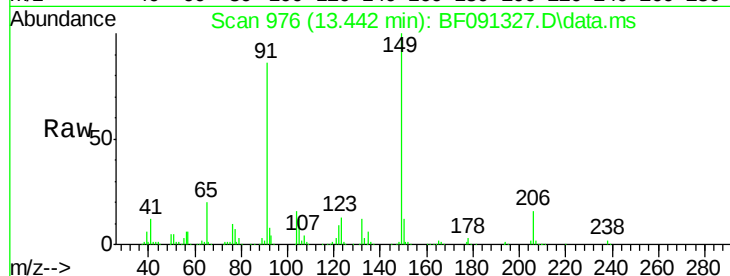




#79
Butylbenzylphthalate
Concen: 42.24 ng
RT: 13.442 min Scan# 97
Delta R.T. -0.029 min
Lab File: BF091327.D
Acq: 29 Nov 2016 15:16

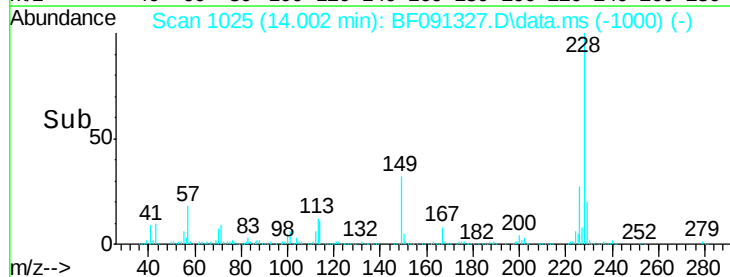
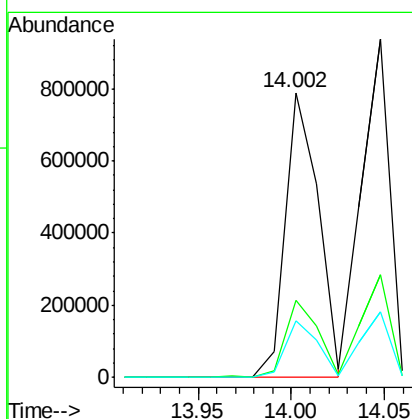
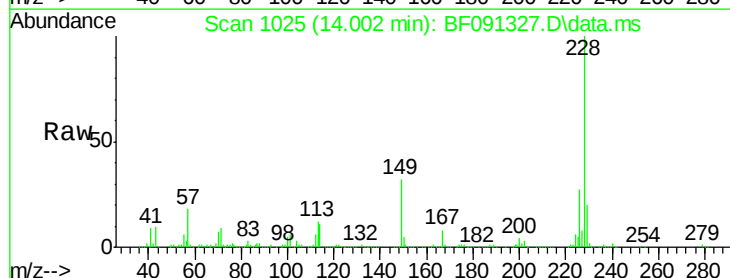
Instrument :
BNA_F
ClientSampleId :

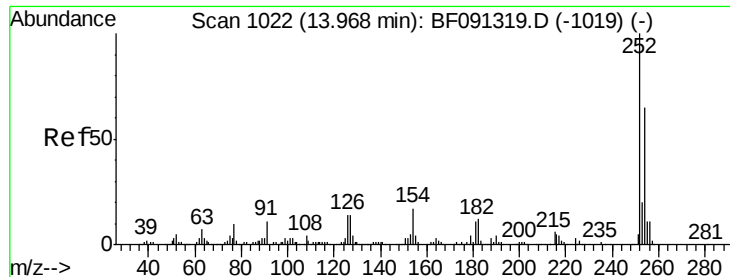
Tot Ion:149 Resp: 475643
Ion Ratio Lower Upper
149 100
91 85.6 57.4 86.2
206 16.4 15.4 23.2



#80
Benzo(a)anthracene
Concen: 42.03 ng
RT: 14.002 min Scan# 1025
Delta R.T. -0.017 min
Lab File: BF091327.D
Acq: 29 Nov 2016 15:16

Tgt Ion:228 Resp: 973888
Ion Ratio Lower Upper
228 100
226 27.0 22.5 33.7
229 19.8 16.4 24.6

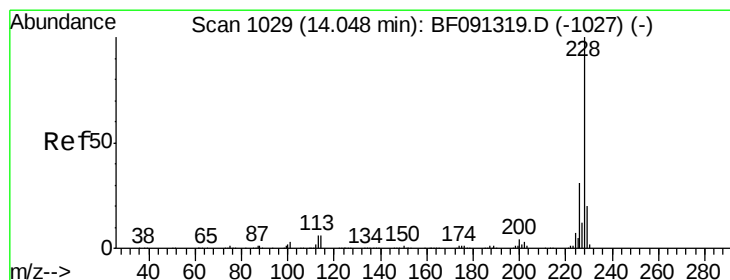
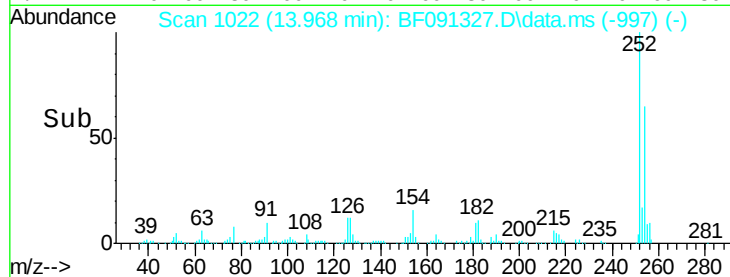
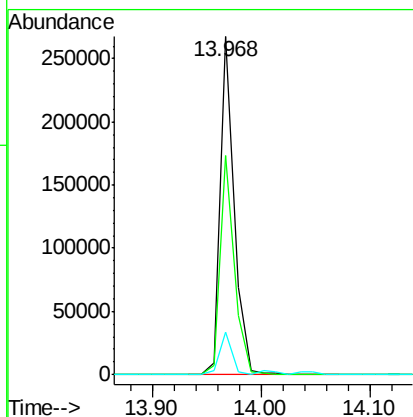
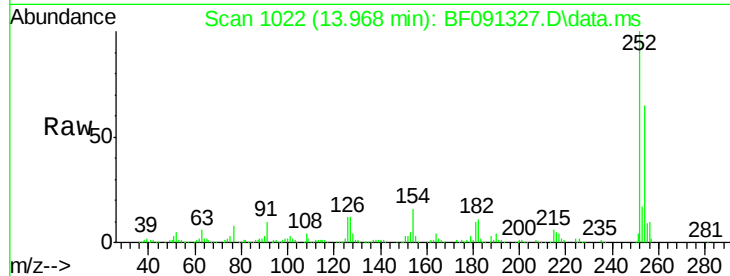




#81
 3,3'-Dichlorobenzidine
 Concen: 29.59 ng
 RT: 13.968 min Scan# 1022
 Delta R.T. -0.017 min
 Lab File: BF091327.D
 Acq: 29 Nov 2016 15:16

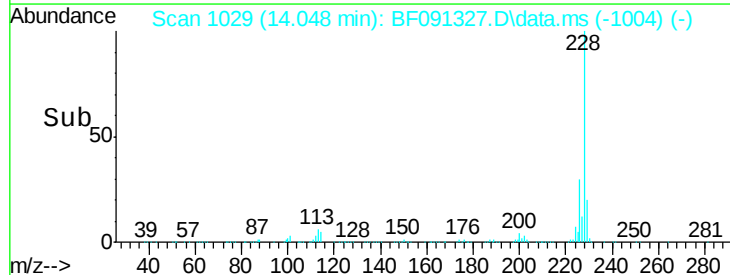
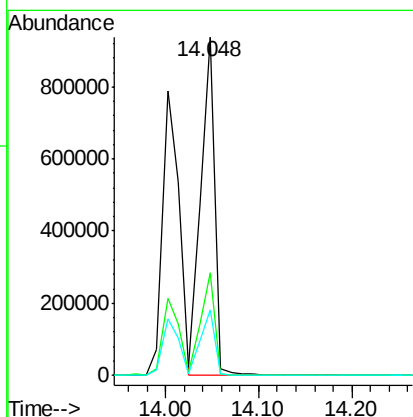
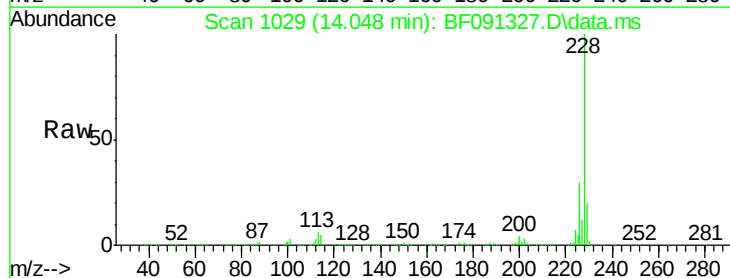
Instrument :
 BNA_F
 ClientSampleId :

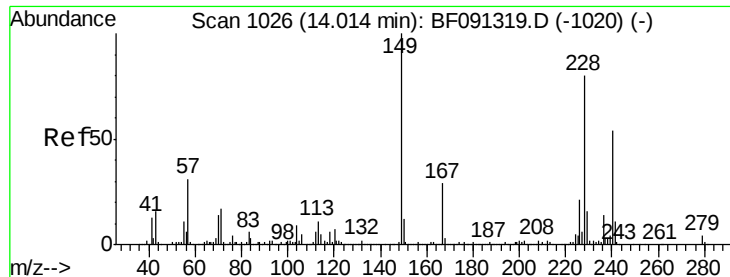
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.1	78.1
126	12.4	7.5	11.3



#82
 Chrysene
 Concen: 43.23 ng
 RT: 14.048 min Scan# 1029
 Delta R.T. -0.017 min
 Lab File: BF091327.D
 Acq: 29 Nov 2016 15:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.4
229	19.5	16.0	24.0

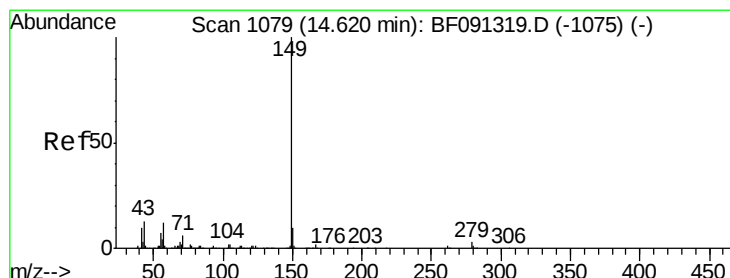
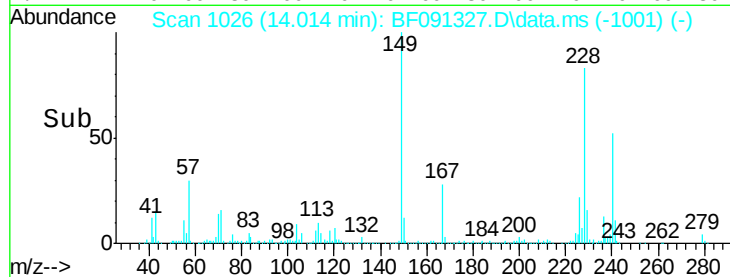
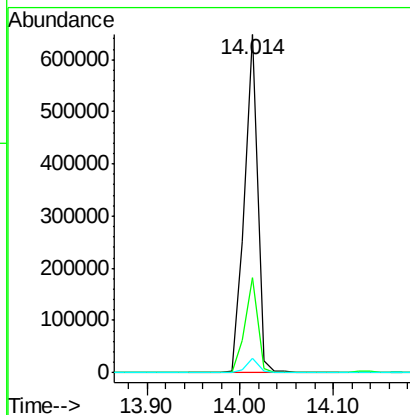
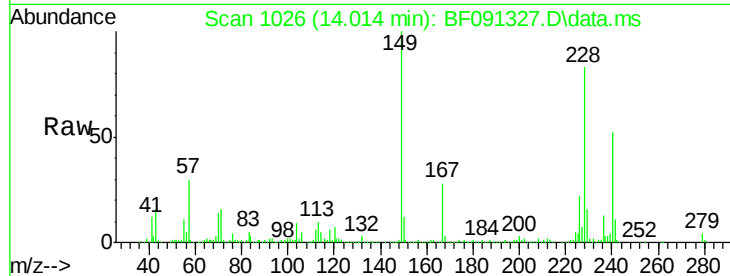




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.81 ng
 RT: 14.014 min Scan# 1026
 Delta R.T. -0.017 min
 Lab File: BF091327.D
 Acq: 29 Nov 2016 15:16

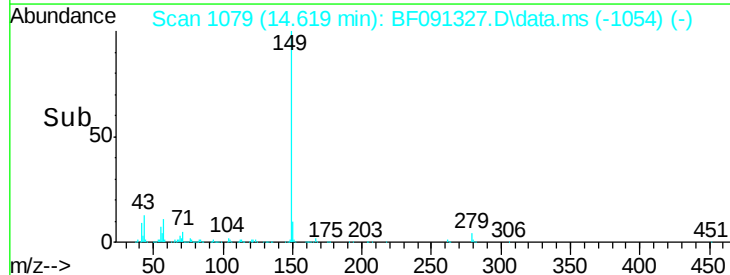
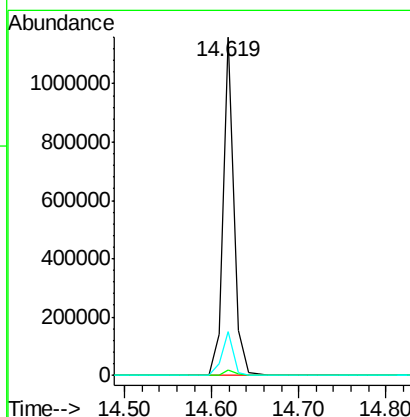
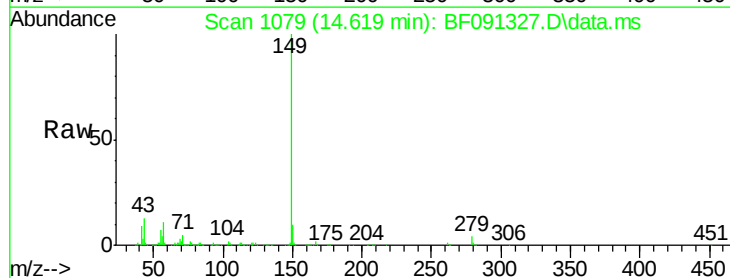
Instrument :
 BNA_F
 ClientSampleId :

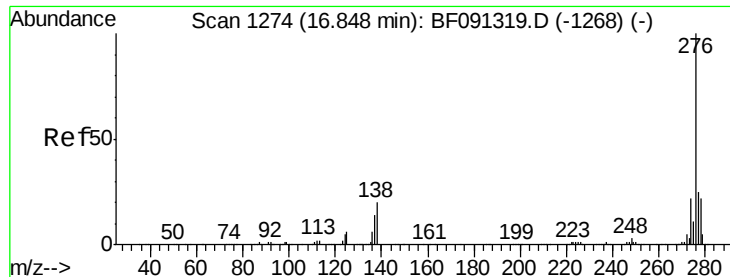
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.1	19.6	29.4
279	4.1	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 46.84 ng
 RT: 14.619 min Scan# 1079
 Delta R.T. -0.017 min
 Lab File: BF091327.D
 Acq: 29 Nov 2016 15:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.5	11.9	17.9

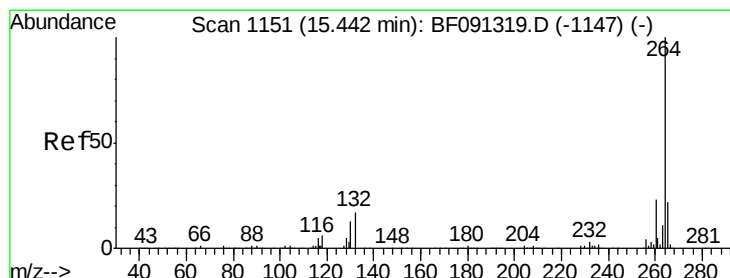
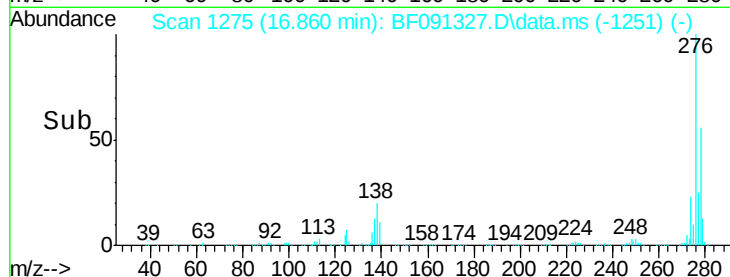
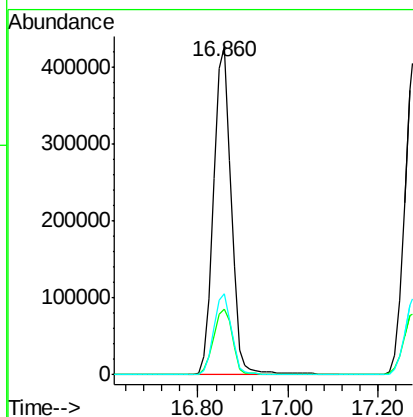
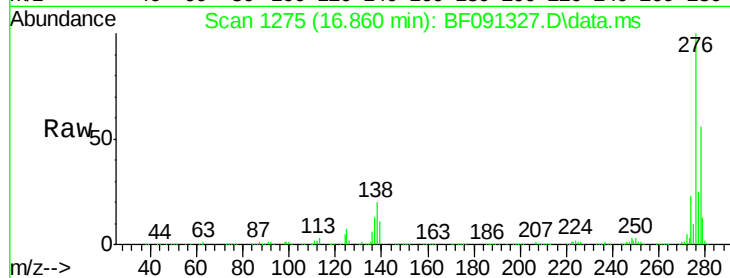




#85
Indeno(1,2,3-cd)pyrene
Concen: 55.64 ng
RT: 16.860 min Scan# 1275
Delta R.T. -0.029 min
Lab File: BF091327.D
Acq: 29 Nov 2016 15:16

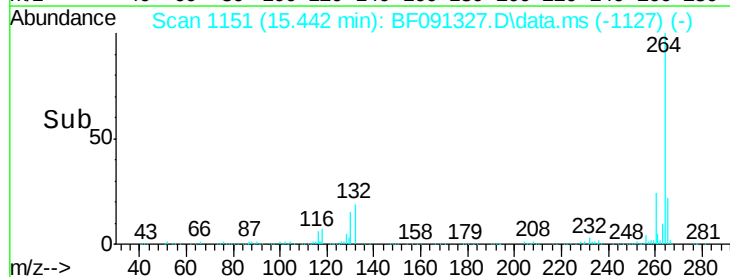
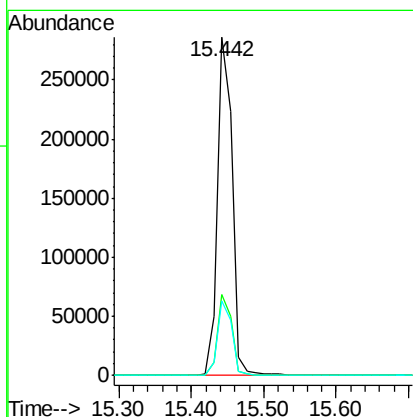
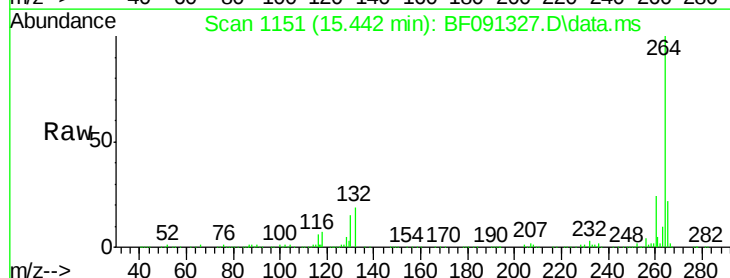
Instrument :
BNA_F
ClientSampleId :

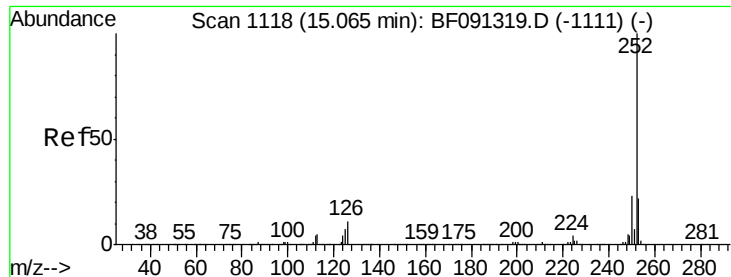
Tot Ion:276 Resp: 1168287
Ion Ratio Lower Upper
276 100
138 21.4 21.0 31.4
277 25.0 20.2 30.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.442 min Scan# 1151
Delta R.T. -0.029 min
Lab File: BF091327.D
Acq: 29 Nov 2016 15:16

Tgt Ion:264 Resp: 402270
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 22.1 17.0 25.6

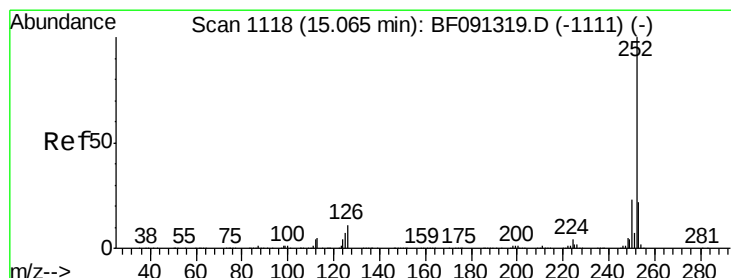
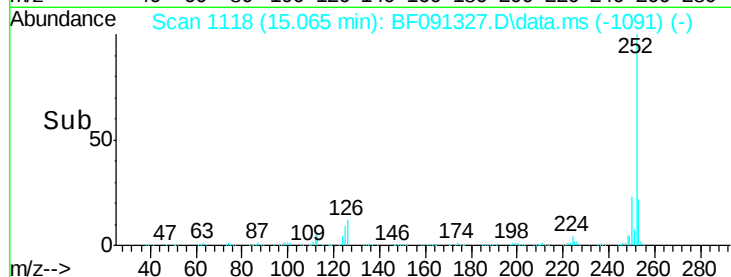
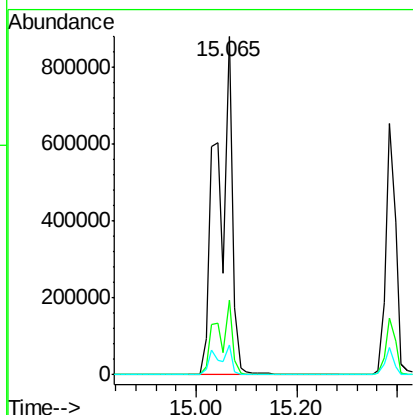
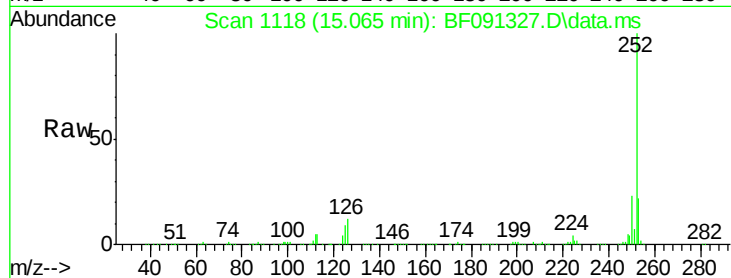




#87
Benzo(b)fluoranthene
Concen: 72.84 ng
RT: 15.065 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BF091327.D
Acq: 29 Nov 2016 15:16

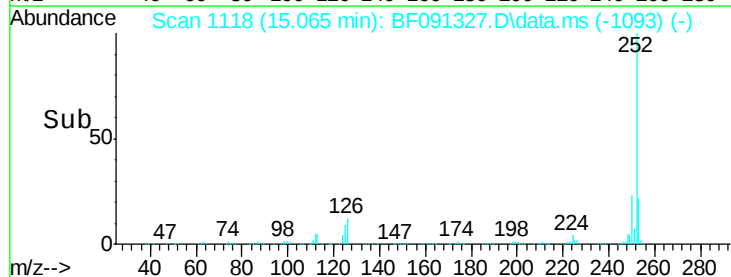
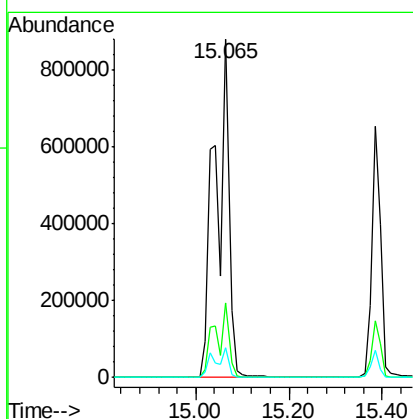
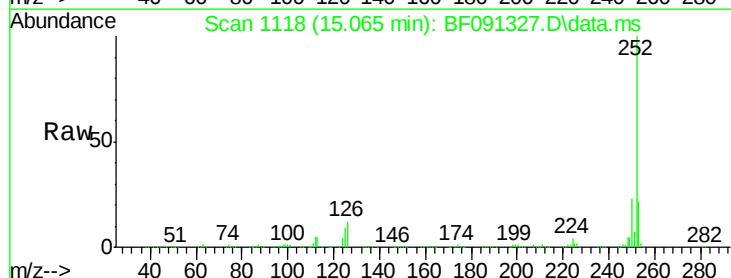
Instrument :
BNA_F
ClientSampleId :

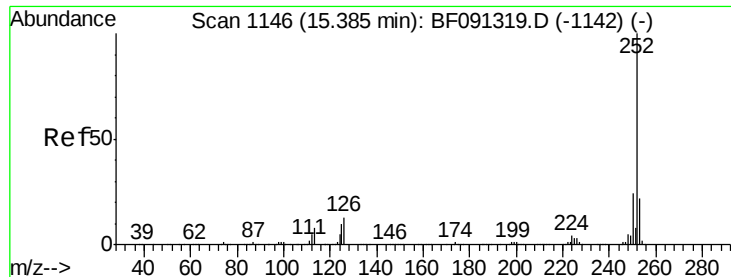
Tot Ion:252 Resp: 1821270
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 8.9 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 86.66 ng
RT: 15.065 min Scan# 1118
Delta R.T. -0.017 min
Lab File: BF091327.D
Acq: 29 Nov 2016 15:16

Tgt Ion:252 Resp: 1822103
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.9 9.6 14.4#





#89

Benzo(a)pyrene

Concen: 39.79 ng

RT: 15.385 min Scan# 1146

Delta R.T. -0.029 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

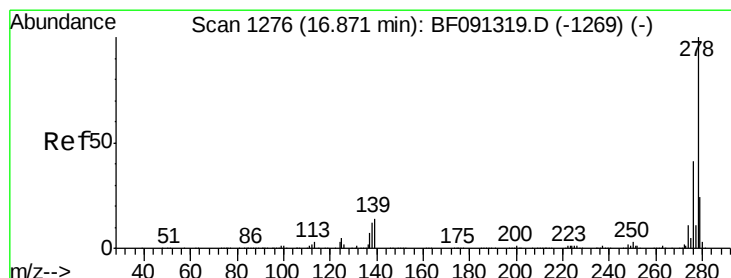
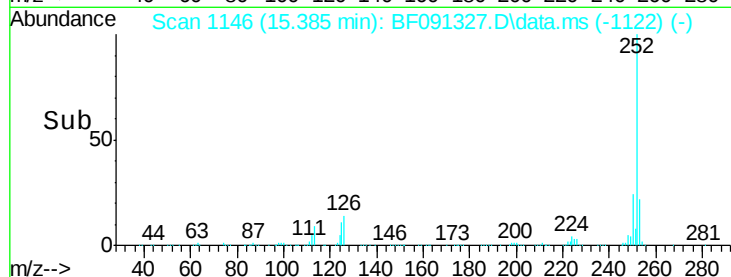
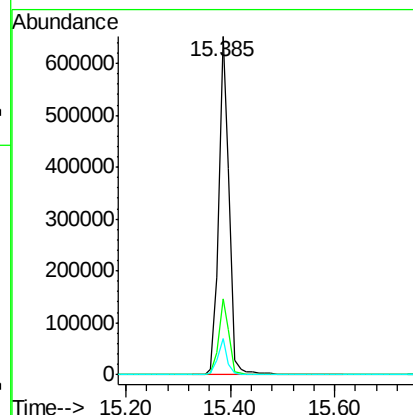
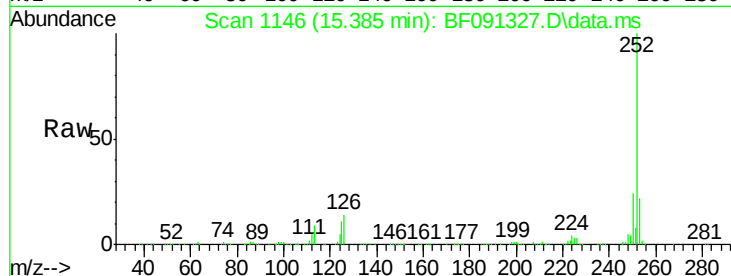
Tot Ion:252 Resp: 893503

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

125 10.7 10.4 15.6



#90

Dibenzo(a,h)anthracene

Concen: 46.05 ng

RT: 16.871 min Scan# 1276

Delta R.T. -0.040 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

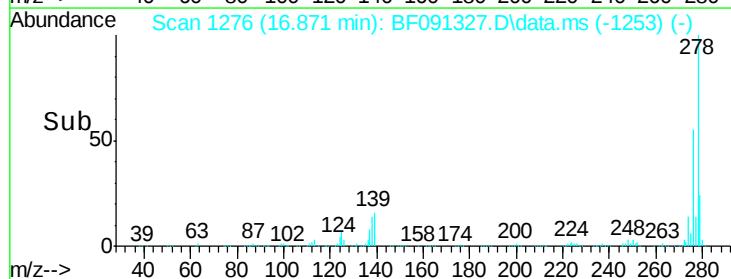
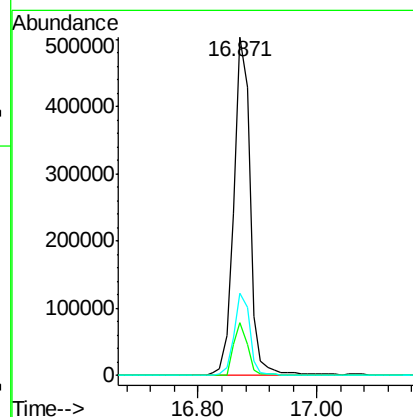
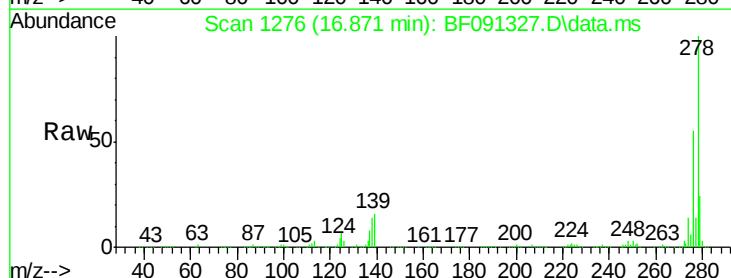
Tgt Ion:278 Resp: 956379

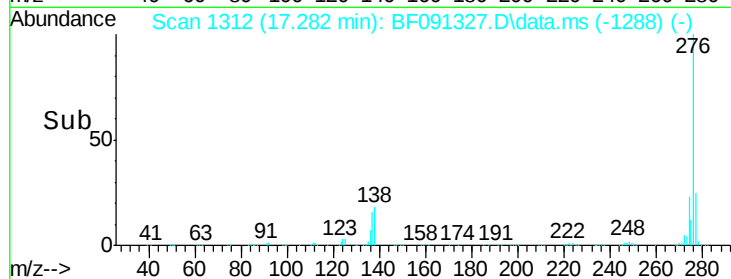
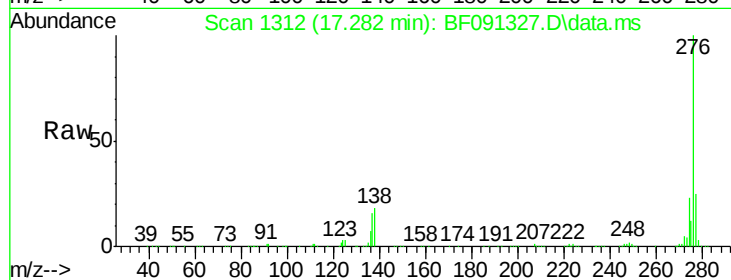
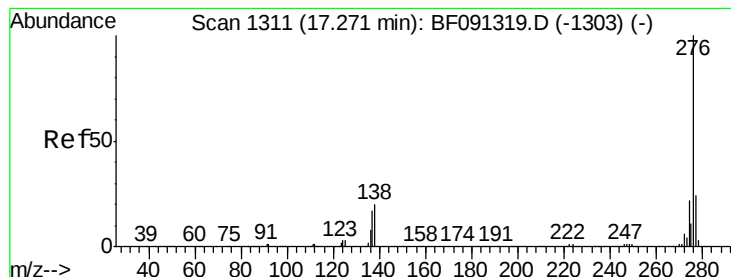
Ion Ratio Lower Upper

278 100

139 15.5 15.1 22.7

279 24.3 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 46.44 ng

RT: 17.282 min Scan# 1312

Delta R.T. -0.029 min

Lab File: BF091327.D

Acq: 29 Nov 2016 15:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 994392

Ion Ratio Lower Upper

276 100

277 24.6 19.0 28.4

138 18.5 15.4 23.0

