

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091027.D
 Acq On : 4 Nov 2016 18:25
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 04 23:23:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	182008	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	757186	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	398116	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	639188	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	609180	20.00	ng	0.00
86) Perylene-d12	15.24	264	437137	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	887718	80.55	ng	0.00
7) Phenol-d6	6.35	99	1181066	78.96	ng	0.00
23) Nitrobenzene-d5	7.28	82	1071672	77.21	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	274251	76.20	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1740115	75.25	ng	0.00
78) Terphenyl-d14	12.81	244	1634617	66.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	227614	36.11	ng	97
3) Pyridine	2.86	79	559826	37.96	ng	99
4) n-Nitrosodimethylamine	2.82	42	225128	38.59	ng	98
6) Aniline	6.36	93	687278	38.95	ng	# 76
8) 2-Chlorophenol	6.49	128	515898	39.24	ng	97
9) Benzaldehyde	6.25	77	318144	38.32	ng	97
10) Phenol	6.37	94	617989	37.33	ng	84
11) bis(2-Chloroethyl)ether	6.44	93	525046	37.64	ng	97
12) 1,3-Dichlorobenzene	6.65	146	521028	39.19	ng	98
13) 1,4-Dichlorobenzene	6.65	146	521028	36.52	ng	99
14) 1,2-Dichlorobenzene	6.88	146	546353	41.73	ng	99
15) Benzyl Alcohol	6.85	79	416121	39.44	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	736009	36.85	ng	98
17) 2-Methylphenol	6.98	107	428363	41.16	ng	99
18) Hexachloroethane	7.22	117	210997	38.22	ng	92
19) n-Nitroso-di-n-propylamine	7.13	70	384093	37.05	ng	100
20) 3+4-Methylphenols	7.14	107	521813	41.76	ng	98
22) Acetophenone	7.13	105	703058	40.33	ng	98
24) Nitrobenzene	7.30	77	618914	40.37	ng	95
25) Isophorone	7.54	82	1022373	38.22	ng	99
26) 2-Nitrophenol	7.61	139	257079	39.63	ng	98
27) 2,4-Dimethylphenol	7.66	122	450617	42.00	ng	100
28) bis(2-Chloroethoxy)methane	7.76	93	613240	41.97	ng	100
29) 2,4-Dichlorophenol	7.86	162	390590	41.71	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	443276	42.10	ng	99
31) Naphthalene	8.02	128	1475769	40.75	ng	100
32) Benzoic acid	7.81	122	334181	40.78	ng	98
33) 4-Chloroaniline	8.08	127	541041	35.93	ng	98
34) Hexachlorobutadiene	8.13	225	240611	42.34	ng	99
35) Caprolactam	8.45	113	111520	37.91	ng	99
36) 4-Chloro-3-methylphenol	8.57	107	473578	41.78	ng	100
37) 2-Methylnaphthalene	8.70	142	909001	39.05	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	447017	44.04	ng	99
40) Hexachlorocyclopentadiene	8.86	237	151344	42.01	ng	99

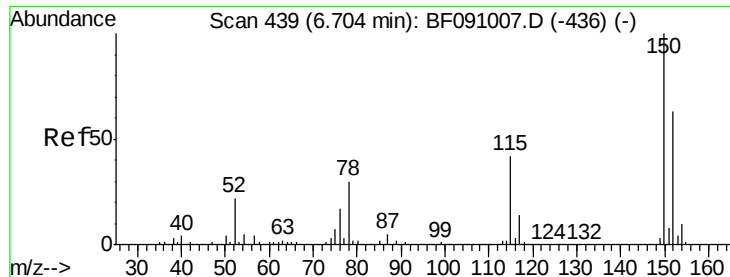
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	273108	41.68	ng	98
43) 2,4,5-Trichlorophenol	9.04	196	290684	42.25	ng	98
45) 1,1'-Biphenyl	9.17	154	1223680	42.09	ng	99
46) 2-Chloronaphthalene	9.20	162	932032	42.23	ng	99
47) 2-Nitroaniline	9.30	65	353351	43.14	ng	97
48) Acenaphthylene	9.61	152	1385676	40.29	ng	100
49) Dimethylphthalate	9.48	163	1015140	38.89	ng	99
50) 2,6-Dinitrotoluene	9.54	165	205060	36.65	ng	98
51) Acenaphthene	9.78	154	839511	38.88	ng	100
52) 3-Nitroaniline	9.71	138	248128	37.40	ng	100
53) 2,4-Dinitrophenol	9.82	184	109978	39.52	ng	98
54) Dibenzofuran	9.95	168	1123167	38.64	ng	99
55) 4-Nitrophenol	9.88	139	150516	37.36	ng	93
56) 2,4-Dinitrotoluene	9.95	165	301894	42.41	ng	97
57) Fluorene	10.29	166	954227	40.16	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	241640	44.83	ng	99
59) Diethylphthalate	10.18	149	1191284	44.51	ng	99
60) 4-Chlorophenyl-phenylether	10.29	204	436283	40.35	ng	95
61) 4-Nitroaniline	10.33	138	272008	40.53	ng	100
62) Azobenzene	10.44	77	1162316	36.89	ng	83
64) 4,6-Dinitro-2-methylphenol	10.36	198	155991	39.85	ng	99
65) n-Nitrosodiphenylamine	10.41	169	766954	37.75	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	255009	38.36	ng	93
67) Hexachlorobenzene	10.84	284	319480	43.57	ng	# 91
68) Atrazine	10.94	200	249726	42.61	ng	97
69) Pentachlorophenol	11.04	266	149017	45.88	ng	99
70) Phenanthrene	11.25	178	1448648	42.63	ng	99
71) Anthracene	11.30	178	1309859	36.26	ng	99
72) Carbazole	11.46	167	1200249	36.87	ng	100
73) Di-n-butylphthalate	11.79	149	1612861	39.39	ng	# 98
74) Fluoranthene	12.43	202	1296053	36.78	ng	99
76) Benzidine	12.57	184	465735	34.22	ng	97
77) Pyrene	12.66	202	1355168	33.97	ng	99
79) Butylbenzylphthalate	13.29	149	750108	39.31	ng	92
80) Benzo(a)anthracene	13.85	228	1265587	36.59	ng	100
81) 3,3'-Dichlorobenzidine	13.81	252	431408	35.50	ng	# 97
82) Chrysene	13.88	228	1166197	34.19	ng	98
83) Bis(2-ethylhexyl)phthalate	13.85	149	955877	37.01	ng	# 98
84) Di-n-octyl phthalate	14.47	149	1728959	40.72	ng	99
85) Indeno(1,2,3-cd)pyrene	16.57	276	1006651	35.57	ng	99
87) Benzo(h)fluoranthene	14.89	252	2285192	77.08	ng	98
88) Benzo(k)fluoranthene	14.89	252	2287149	87.94	ng	98
89) Benzo(a)pyrene	15.20	252	1030838	39.94	ng	98
90) Dibenzo(a,h)anthracene	16.57	278	895574	40.14	ng	97
91) Benzo(g,h,i)perylene	16.96	276	766933	38.01	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

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ClientSampleId :

SSTDCCC040

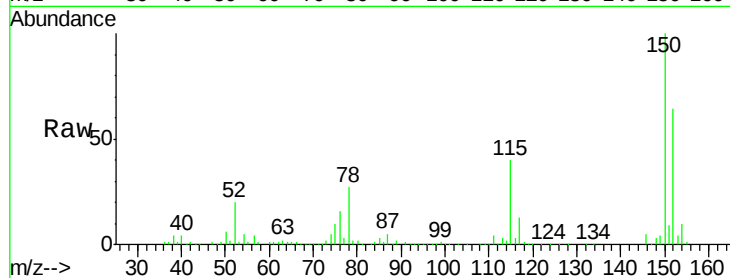
Tgt Ion:152 Resp: 182008

Ion Ratio Lower Upper

152 100

150 155.9 126.8 190.2

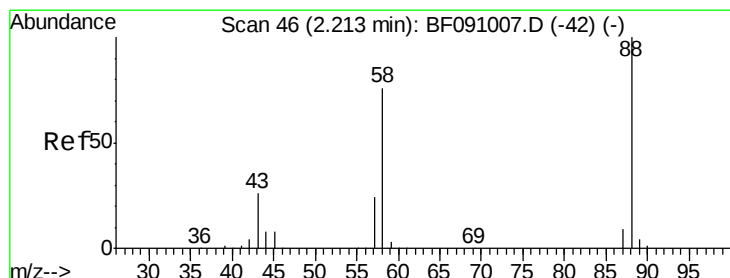
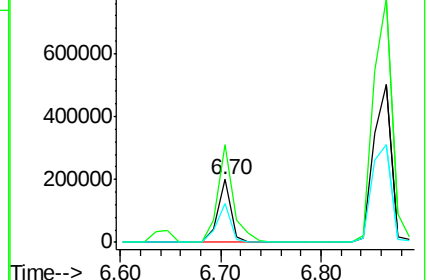
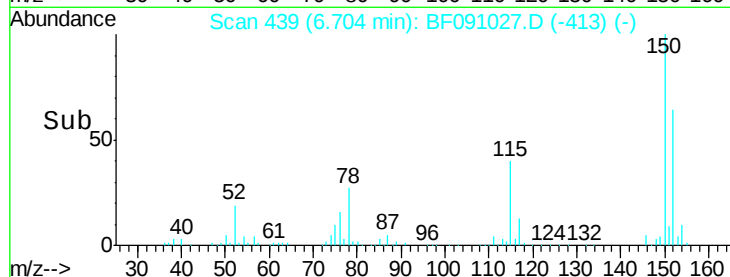
115 63.0 53.3 79.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.11 ng

RT: 2.19 min Scan# 44

Delta R.T. -0.02 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

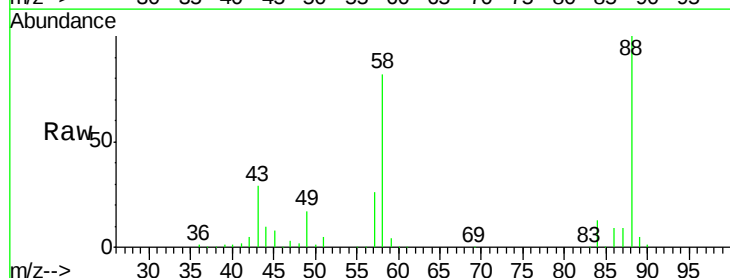
Tgt Ion: 88 Resp: 227614

Ion Ratio Lower Upper

88 100

58 77.2 63.8 95.6

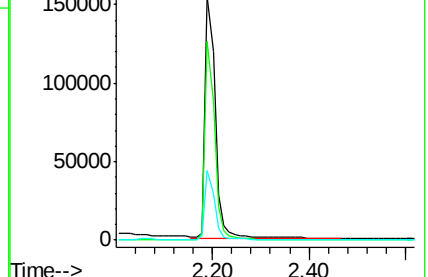
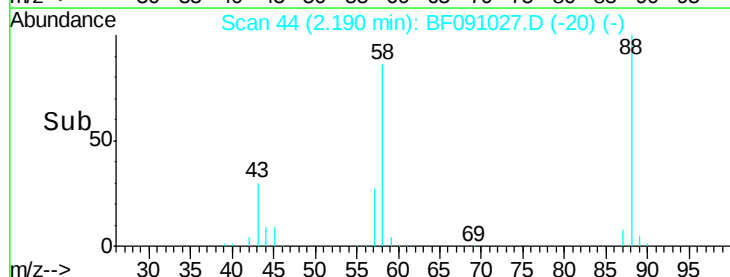
43 26.6 22.6 33.8

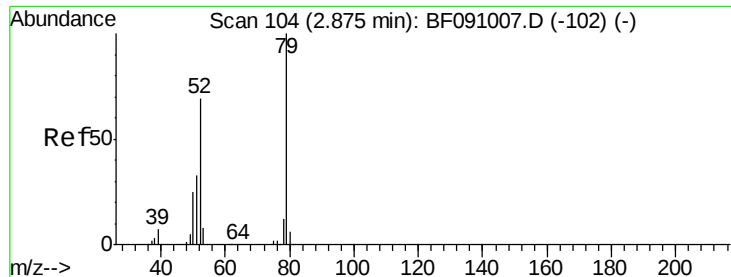


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.96 ng

RT: 2.86 min Scan# 103

Delta R.T. -0.01 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

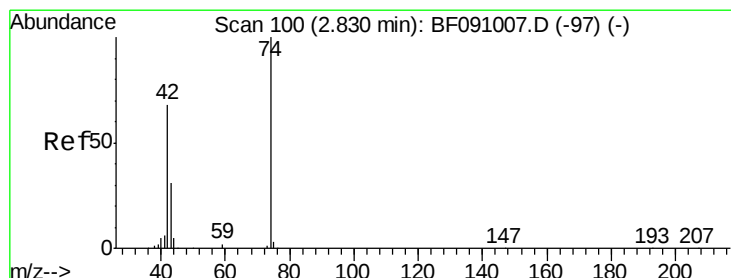
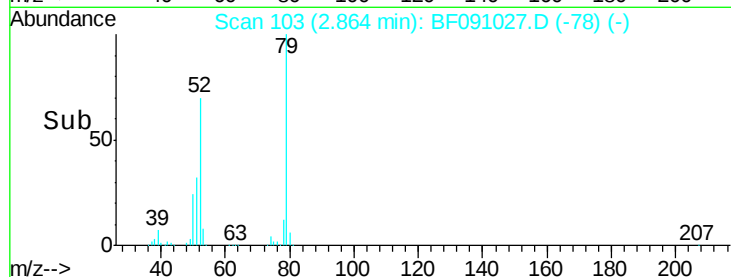
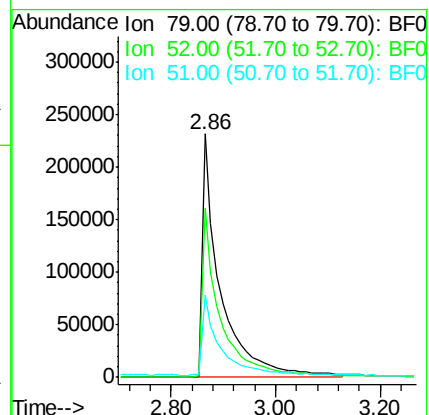
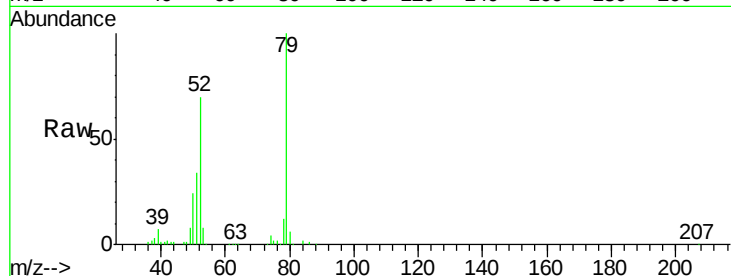
Tgt Ion: 79 Resp: 559826

Ion Ratio Lower Upper

79 100

52 69.5 55.4 83.0

51 33.6 27.4 41.0



#4

n-Nitrosodimethylamine

Concen: 38.59 ng

RT: 2.82 min Scan# 99

Delta R.T. -0.01 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

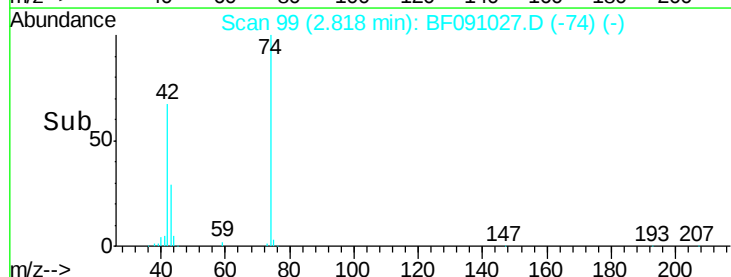
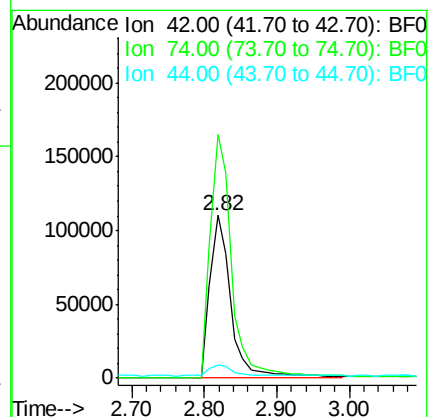
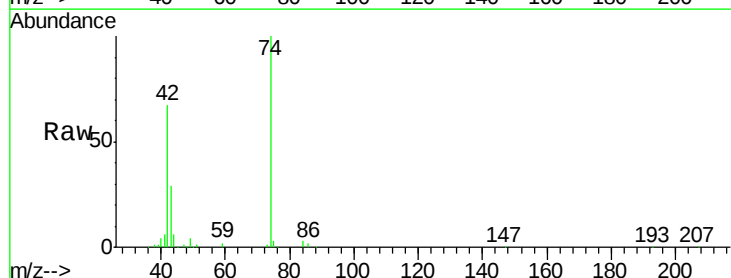
Tgt Ion: 42 Resp: 225128

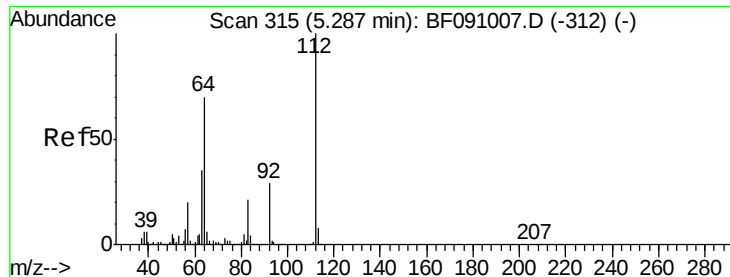
Ion Ratio Lower Upper

42 100

74 149.5 117.3 175.9

44 8.4 5.8 8.8





#5

2-Fluorophenol

Concen: 80.55 ng

RT: 5.29 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

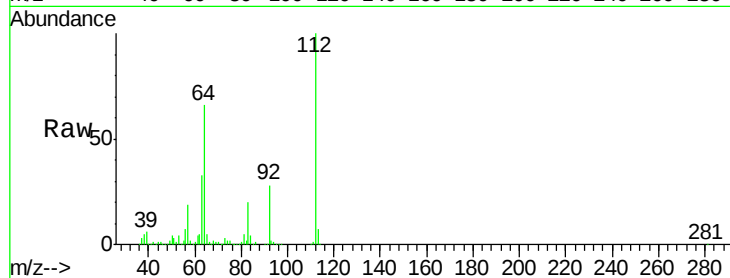
Tgt Ion: 112 Resp: 887718

Ion Ratio Lower Upper

112 100

64 65.9 55.8 83.6

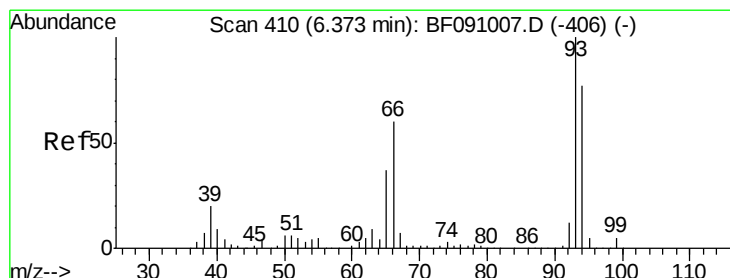
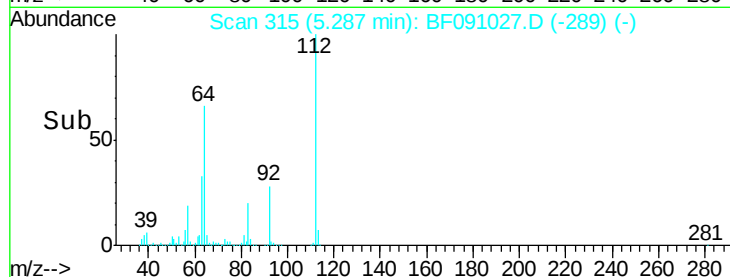
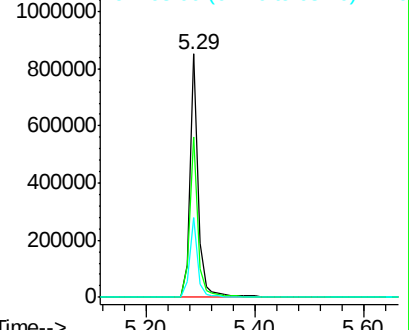
63 33.0 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.95 ng

RT: 6.36 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

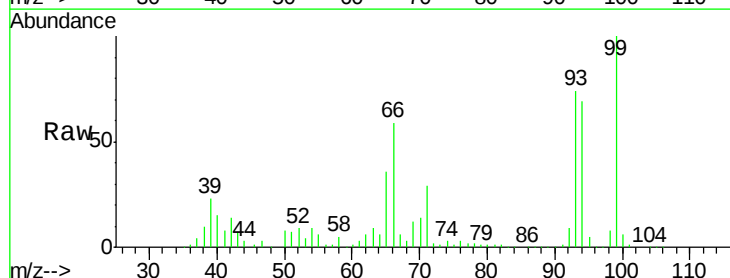
Tgt Ion: 93 Resp: 687278

Ion Ratio Lower Upper

93 100

66 80.2 48.2 72.2#

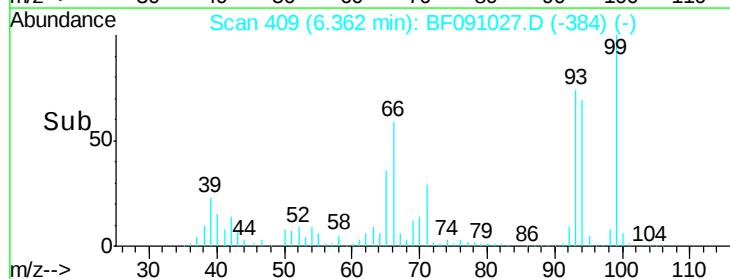
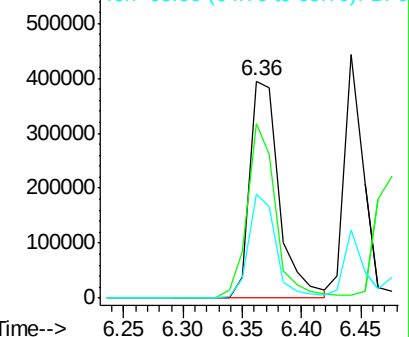
65 48.2 29.4 44.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.96 ng

RT: 6.35 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Instrument :

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ClientSampleId :

SSTDCCC040

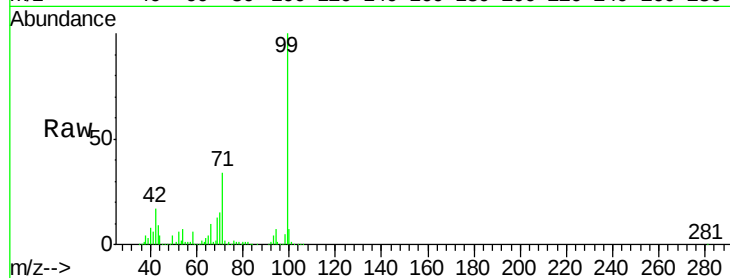
Tgt Ion: 99 Resp: 1181066

Ion Ratio Lower Upper

99 100

42 17.0 13.9 20.9

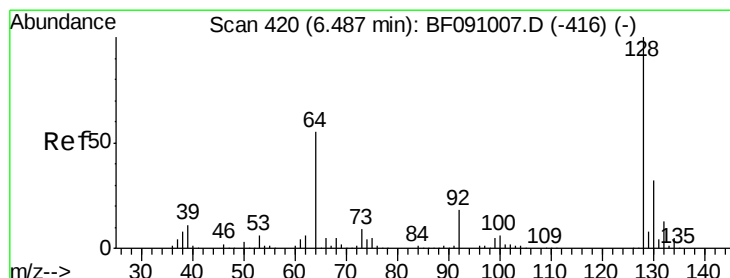
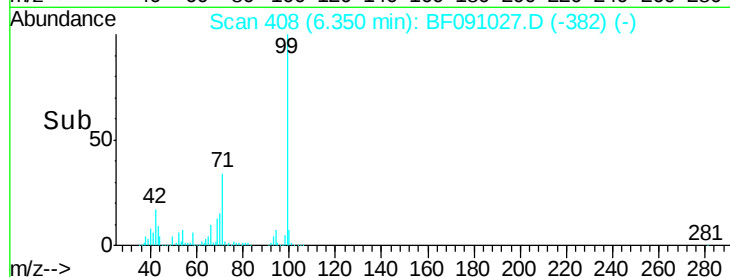
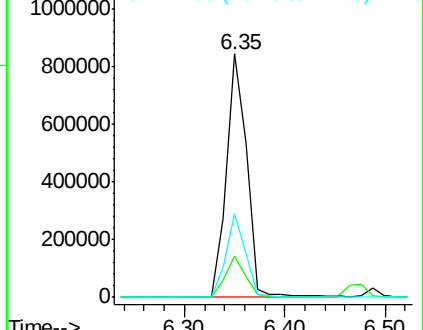
71 34.3 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.24 ng

RT: 6.49 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

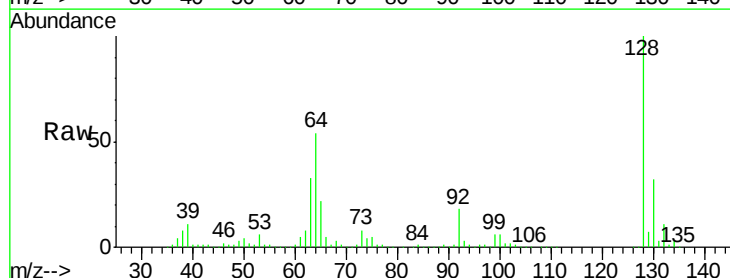
Tgt Ion: 128 Resp: 515898

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

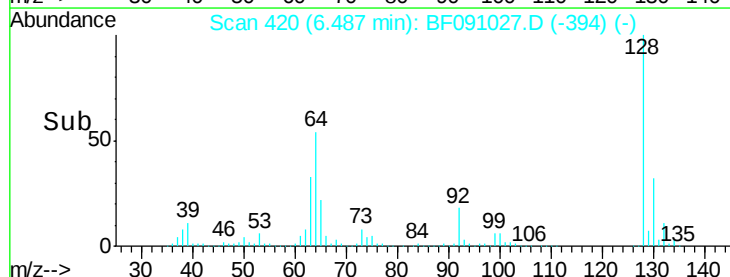
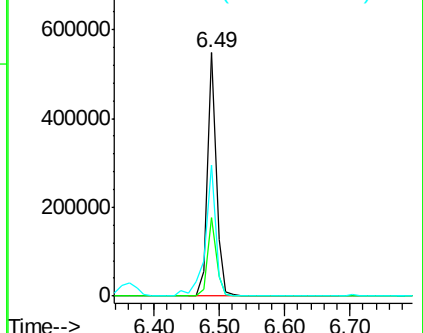
64 54.1 37.2 77.2

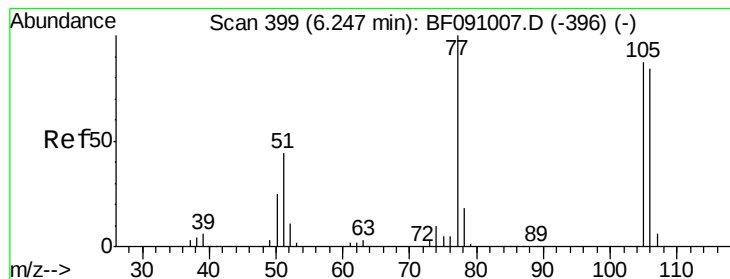


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.32 ng

RT: 6.25 min Scan# 399

Delta R.T. 0.00 min

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Acq: 4 Nov 2016 18:25

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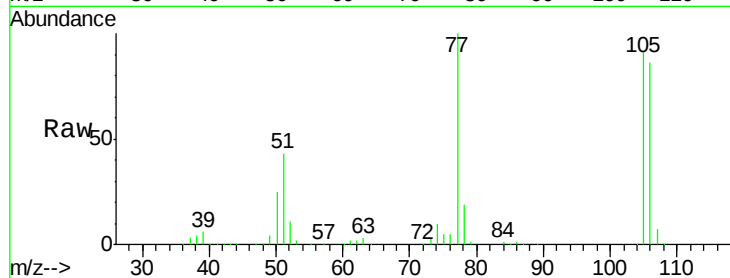
Tgt Ion: 77 Resp: 318144

Ion Ratio Lower Upper

77 100

105 90.5 66.8 106.8

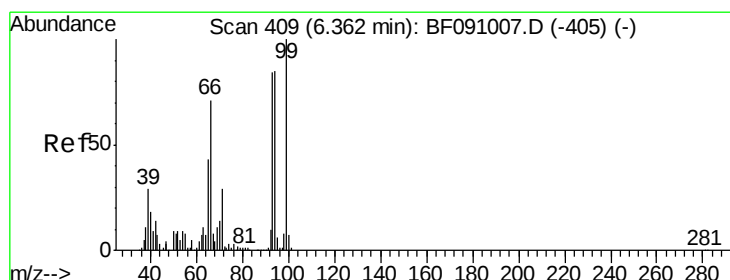
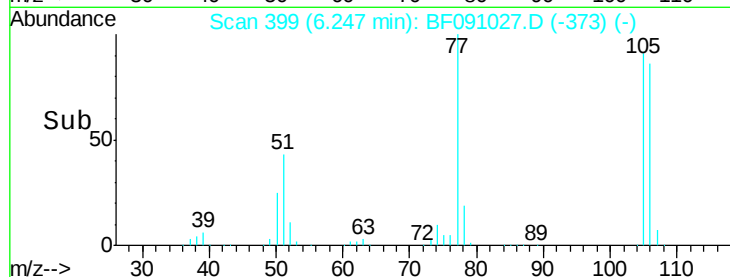
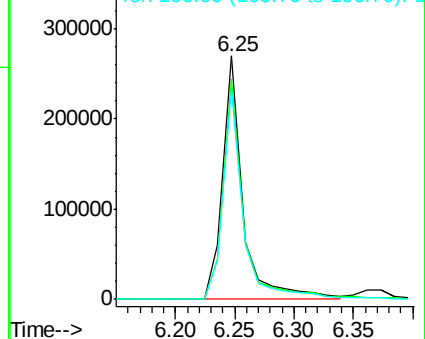
106 86.2 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.33 ng

RT: 6.37 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

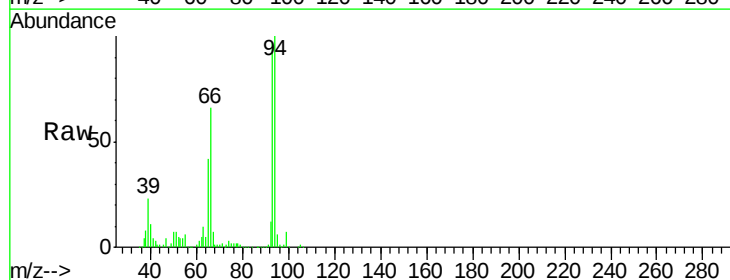
Tgt Ion: 94 Resp: 617989

Ion Ratio Lower Upper

94 100

65 41.7 30.4 70.4

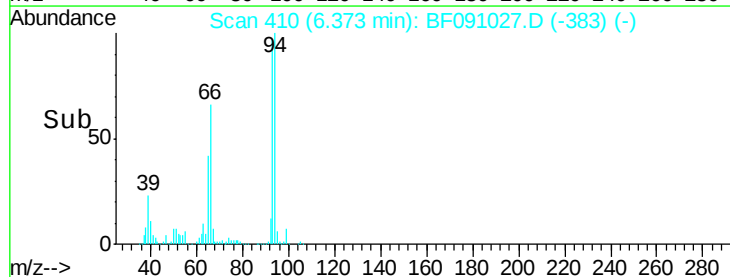
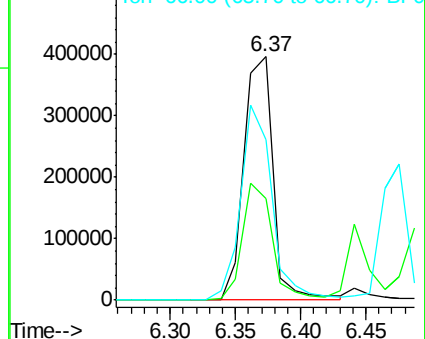
66 66.0 62.9 102.9

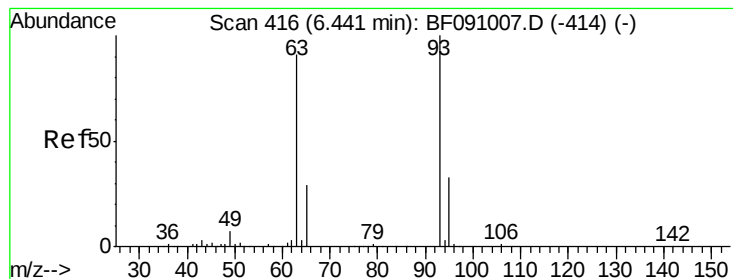


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.64 ng

RT: 6.44 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

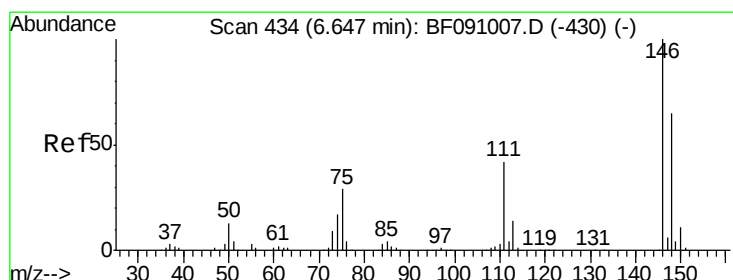
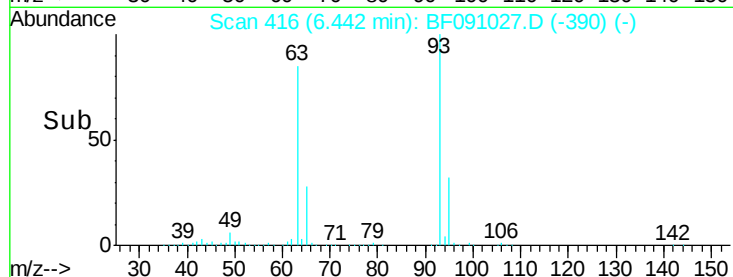
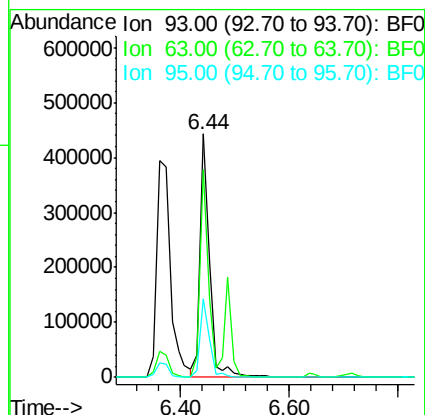
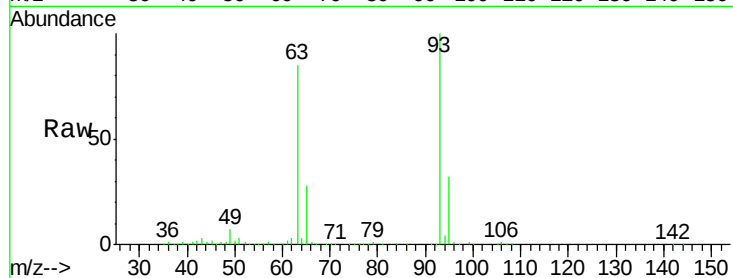
Tgt Ion: 93 Resp: 525046

Ion Ratio Lower Upper

93 100

63 85.3 68.9 108.9

95 32.1 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 39.19 ng

RT: 6.65 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

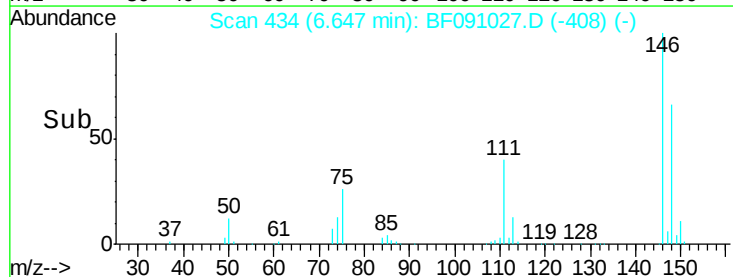
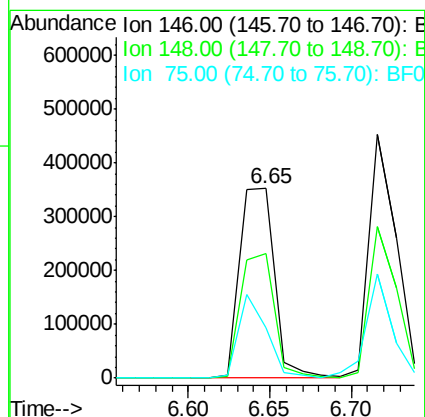
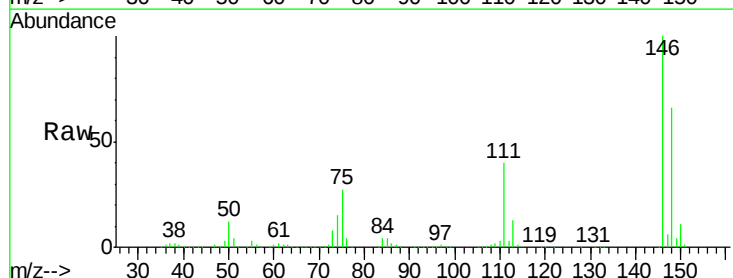
Tgt Ion: 146 Resp: 521028

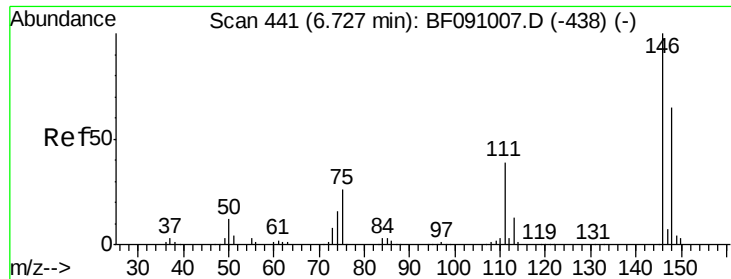
Ion Ratio Lower Upper

146 100

148 65.6 52.0 78.0

75 26.8 23.0 34.6

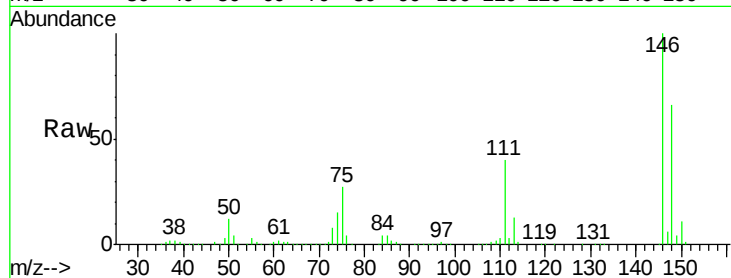




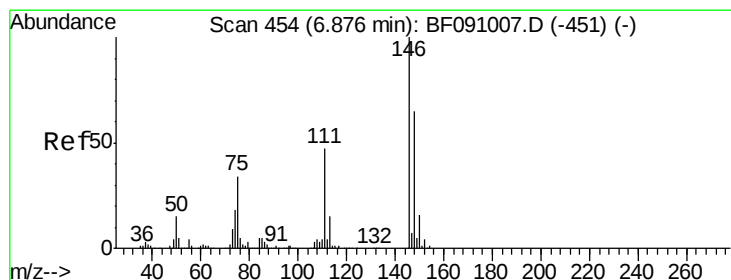
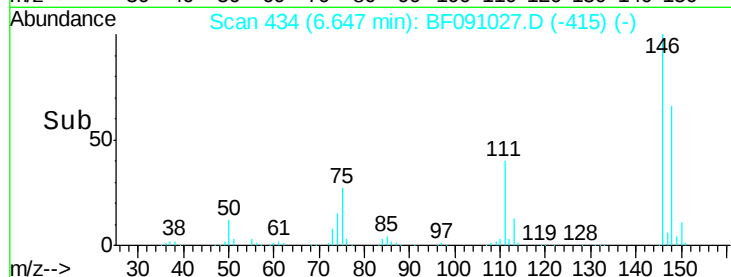
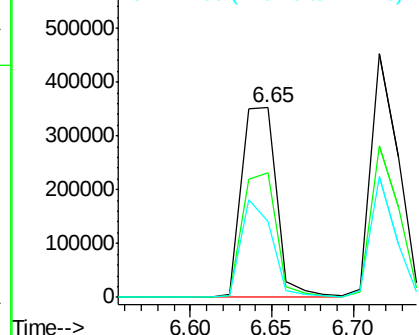
#13
 1,4-Dichlorobenzene
 Concen: 36.52 ng
 RT: 6.65 min Scan# 434
 Delta R.T. -0.08 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 521028
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.1 78.1
 111 39.9 31.6 47.4

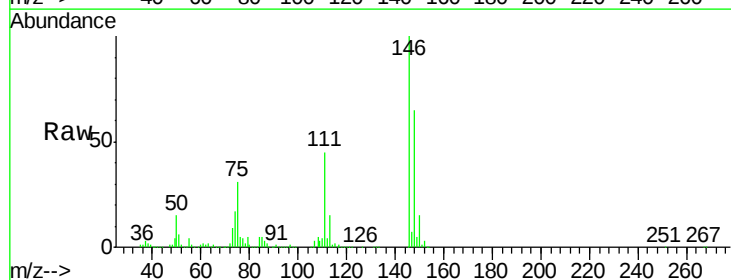


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

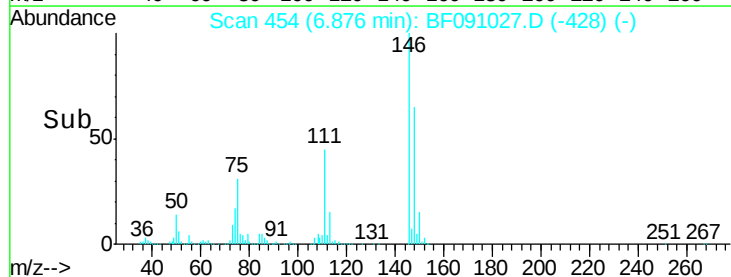
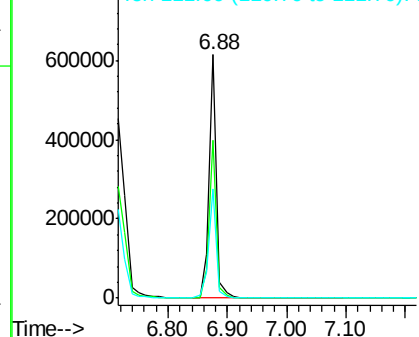


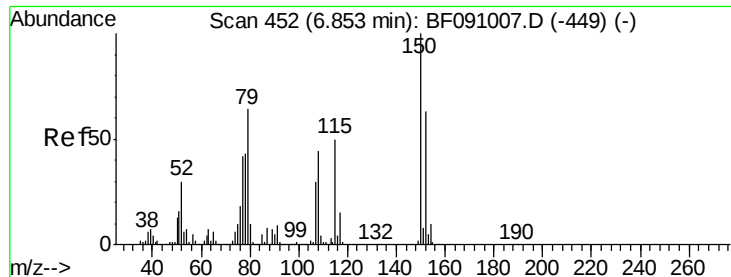
#14
 1,2-Dichlorobenzene
 Concen: 41.73 ng
 RT: 6.88 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

Tgt Ion:146 Resp: 546353
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.6 77.4
 111 45.0 37.3 55.9



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





#15

Benzyl Alcohol

Concen: 39.44 ng

RT: 6.85 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

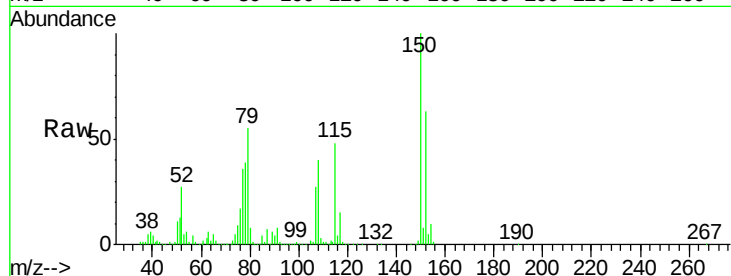
Tgt Ion: 79 Resp: 416121

Ion Ratio Lower Upper

79 100

108 72.2 55.7 83.5

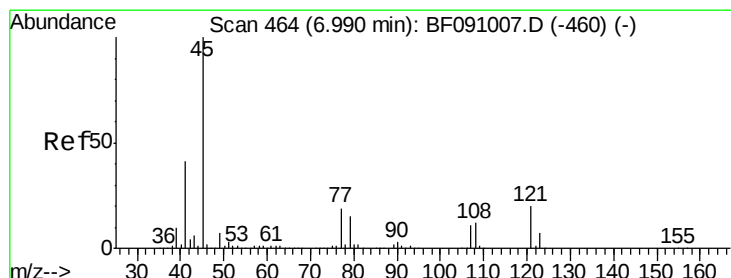
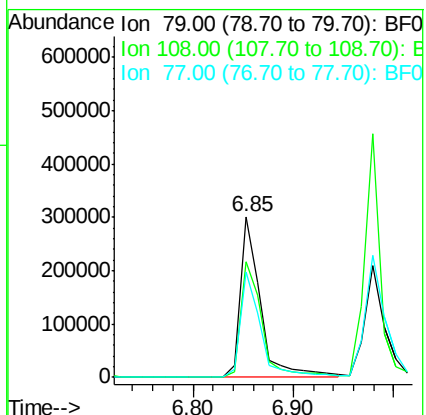
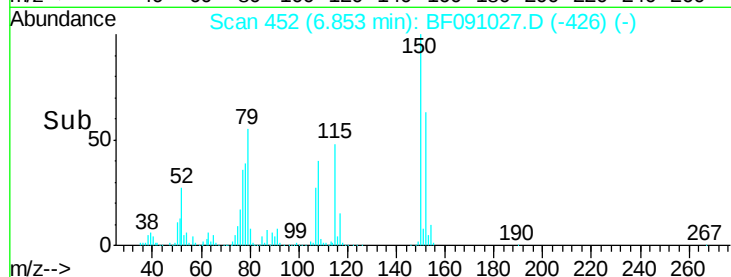
77 65.4 52.6 79.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.85 ng

RT: 6.99 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

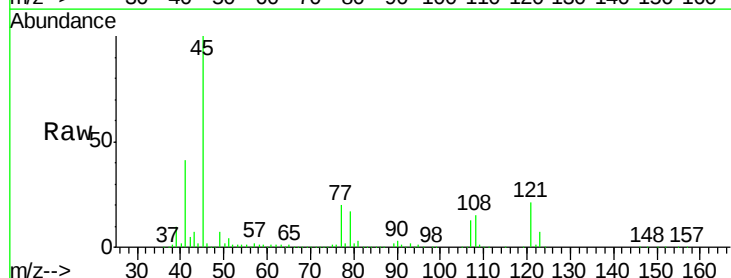
Tgt Ion: 45 Resp: 736009

Ion Ratio Lower Upper

45 100

77 20.3 0.0 39.6

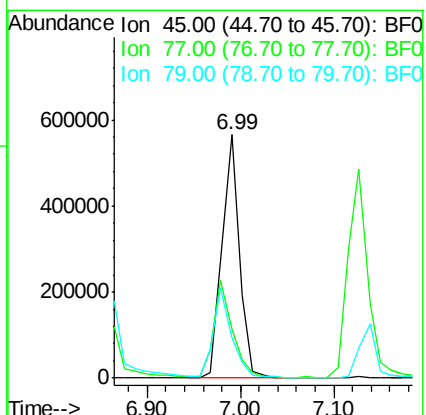
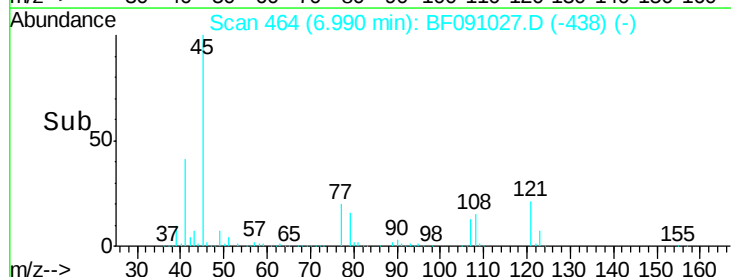
79 16.7 0.0 35.9

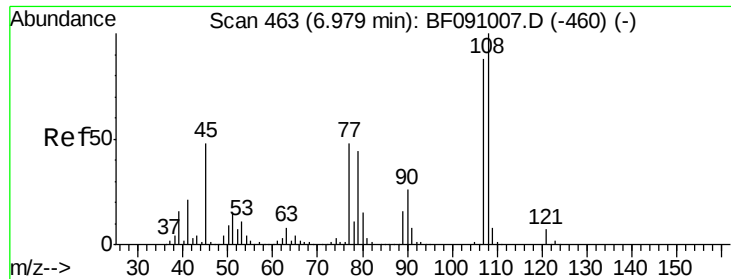


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

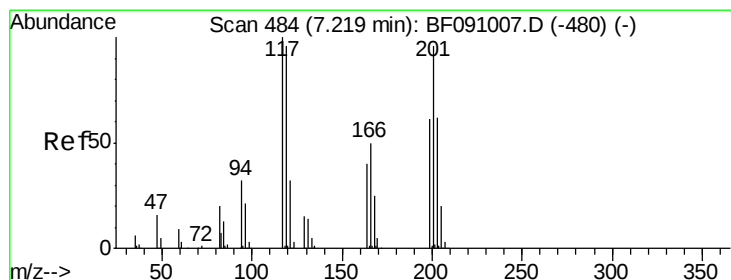
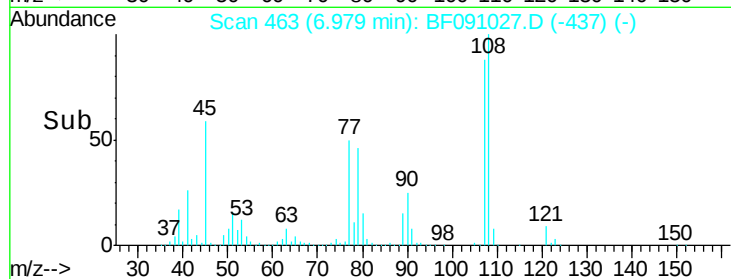
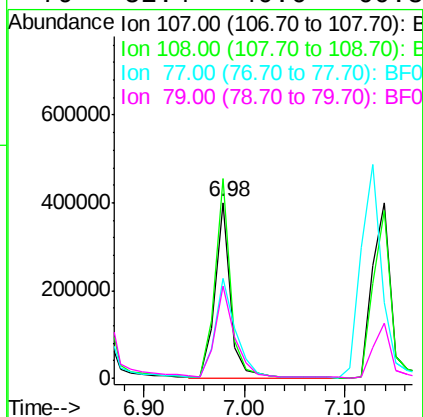
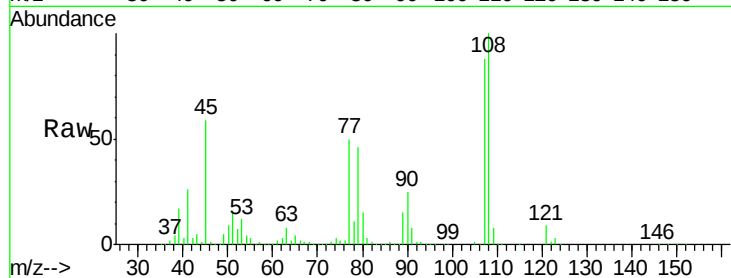




#17
2-Methylphenol
Concen: 41.16 ng
RT: 6.98 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF091027.D
Acq: 4 Nov 2016 18:25

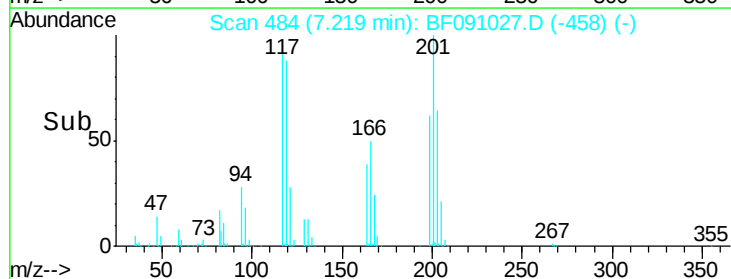
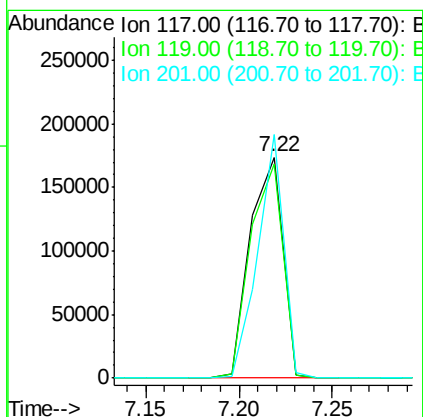
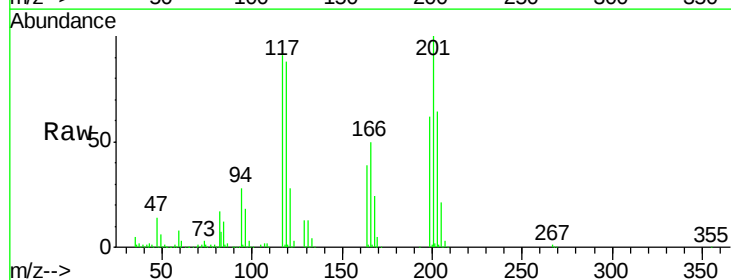
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

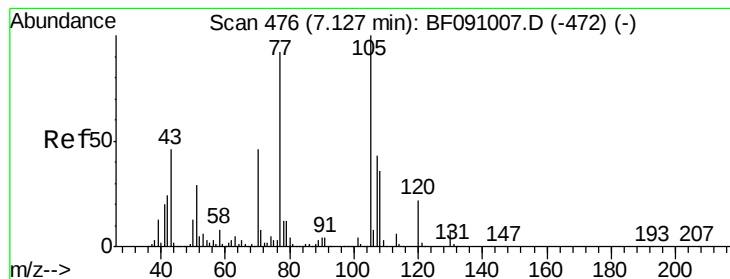
Tgt Ion:	107	Resp:	428363
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.0	136.6
77	56.8	43.8	65.8
79	52.4	40.6	60.8



#18
Hexachloroethane
Concen: 38.22 ng
RT: 7.22 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF091027.D
Acq: 4 Nov 2016 18:25

Tgt Ion:	117	Resp:	210997
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.6	115.0
201	110.2	77.1	115.7





#19

n-Nitroso-di-n-propylamine

Concen: 37.05 ng

RT: 7.13 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 384093

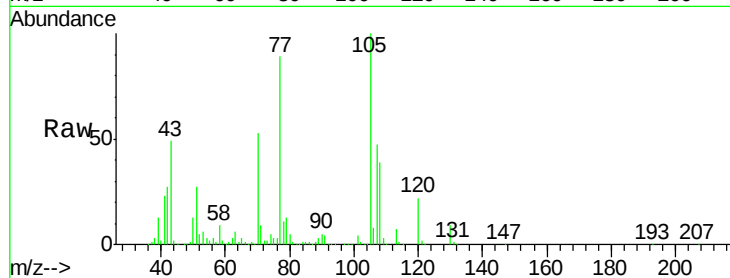
Ion Ratio Lower Upper

70 100

42 51.8 41.7 62.5

101 8.4 6.7 10.1

130 17.6 13.8 20.8

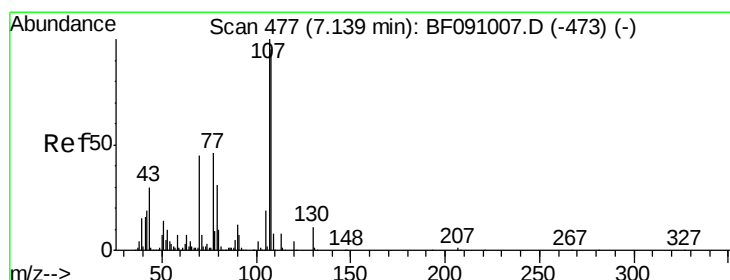
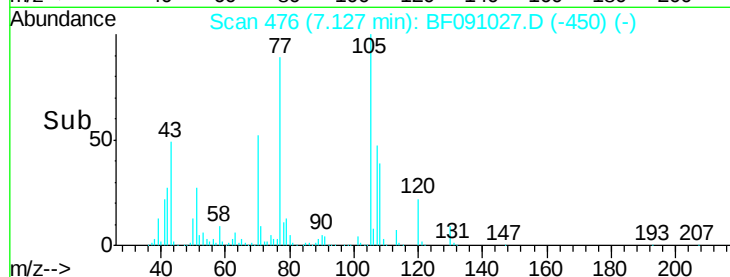
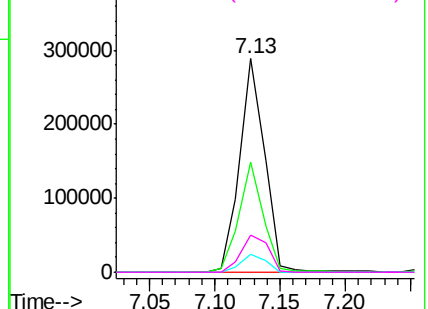


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 41.76 ng

RT: 7.14 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Tgt Ion: 107 Resp: 521813

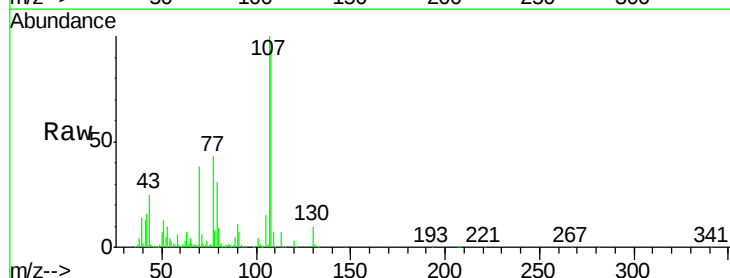
Ion Ratio Lower Upper

107 100

108 95.7 75.5 115.5

77 43.1 26.4 66.4

79 31.3 11.1 51.1

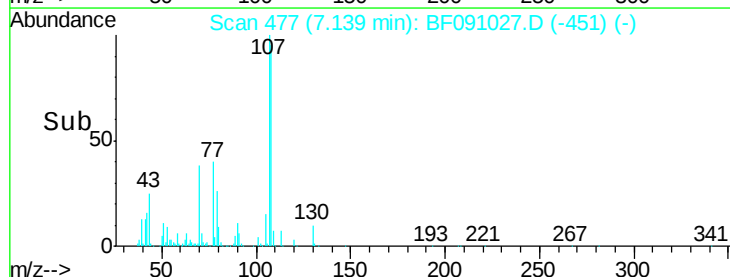
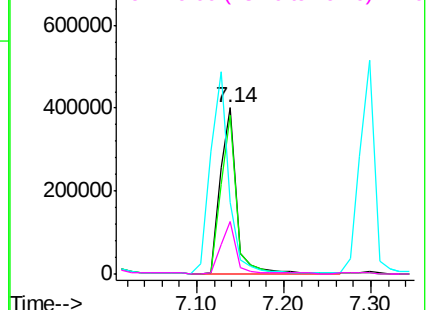


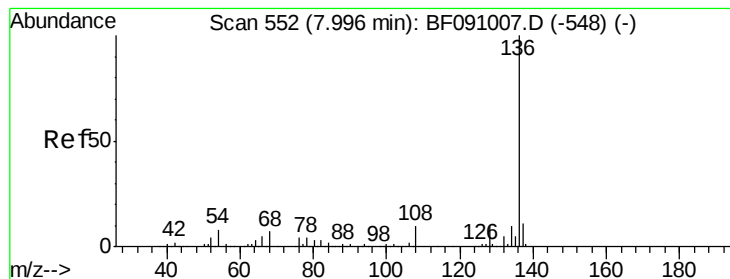
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 757186

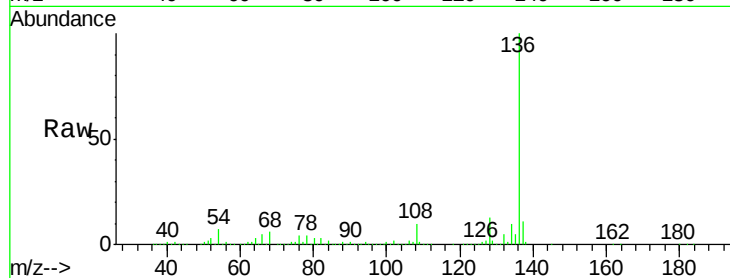
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.6 6.2 9.2

68 6.1 5.5 8.3

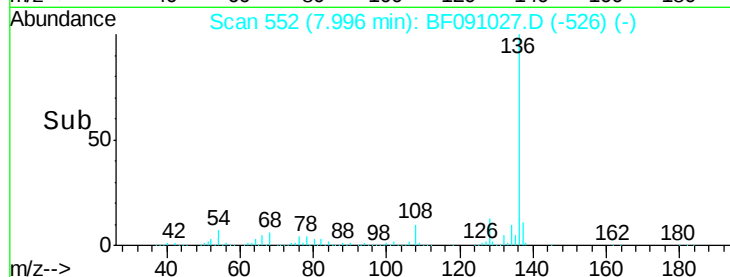


Abundance Ion 136.00 (135.70 to 136.70): E

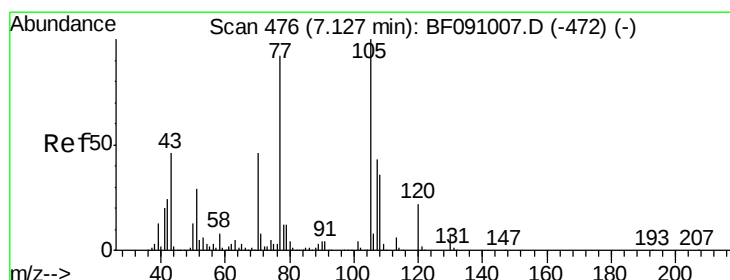
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.33 ng

RT: 7.13 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Tgt Ion:105 Resp: 703058

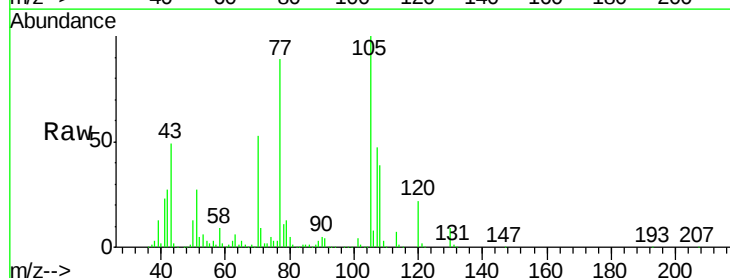
Ion Ratio Lower Upper

105 100

71 8.9 6.2 9.2

51 27.4 23.3 34.9

120 21.8 17.4 26.0

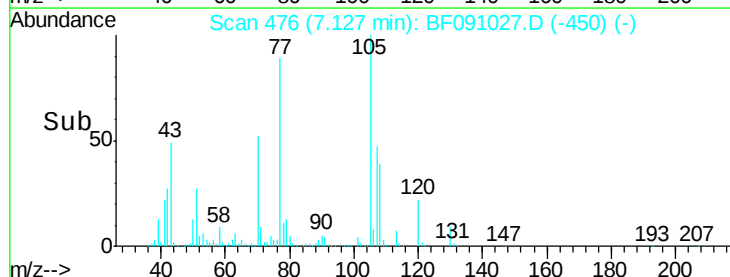


Abundance Ion 105.00 (104.70 to 105.70): E

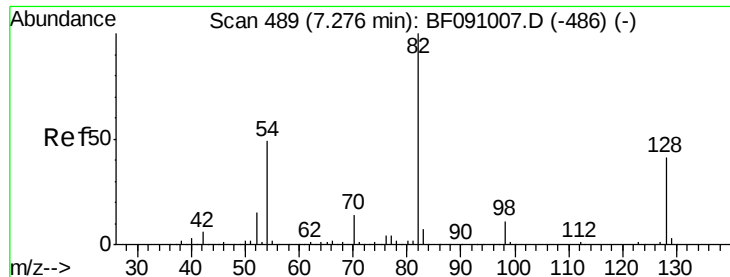
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



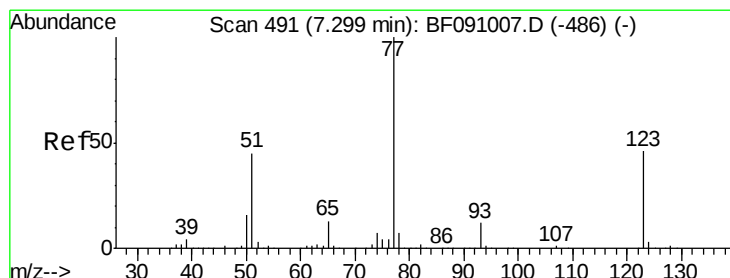
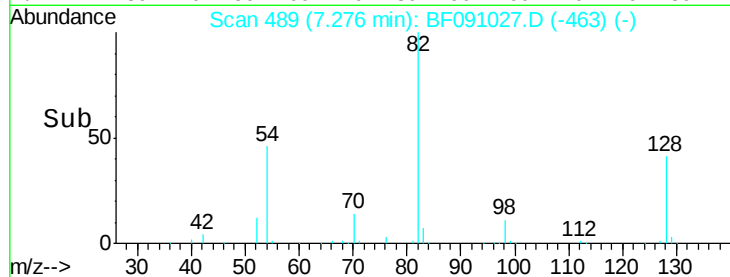
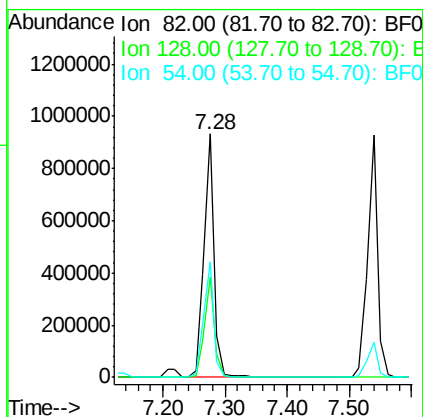
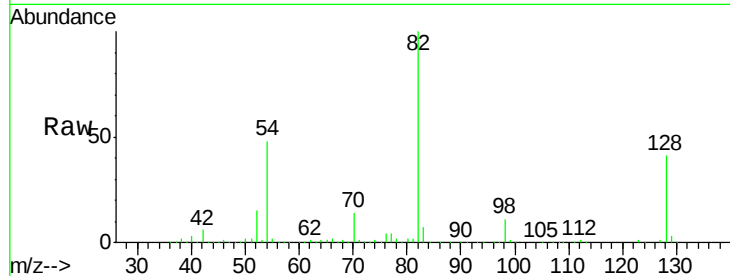
Time-->



#23
 Nitrobenzene-d5
 Concen: 77.21 ng
 RT: 7.28 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

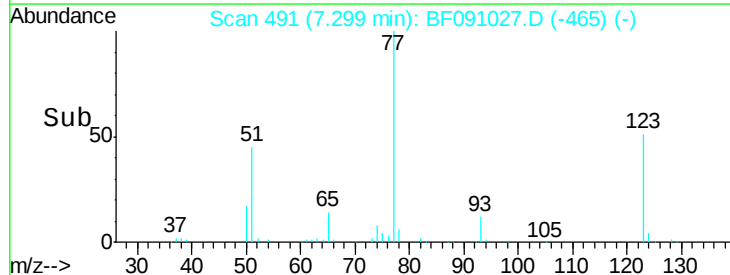
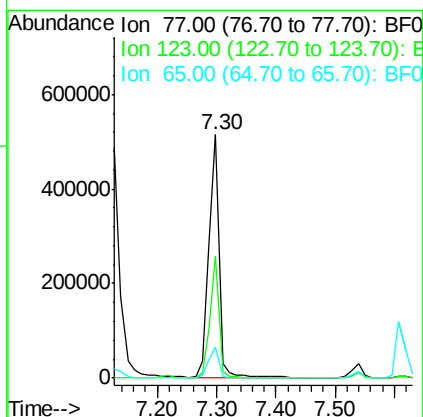
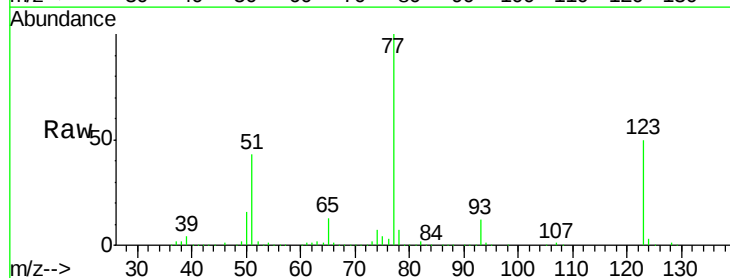
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

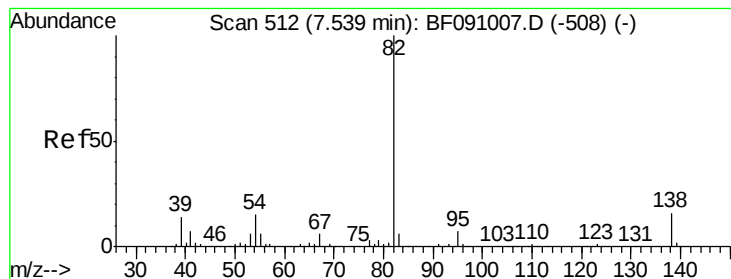
Tgt Ion: 82 Resp: 1071672
 Ion Ratio Lower Upper
 82 100
 128 41.2 32.4 48.6
 54 47.6 39.2 58.8



#24
 Nitrobenzene
 Concen: 40.37 ng
 RT: 7.30 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

Tgt Ion: 77 Resp: 618914
 Ion Ratio Lower Upper
 77 100
 123 49.9 36.5 54.7
 65 12.9 10.7 16.1





#25

Isophorone

Concen: 38.22 ng

RT: 7.54 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

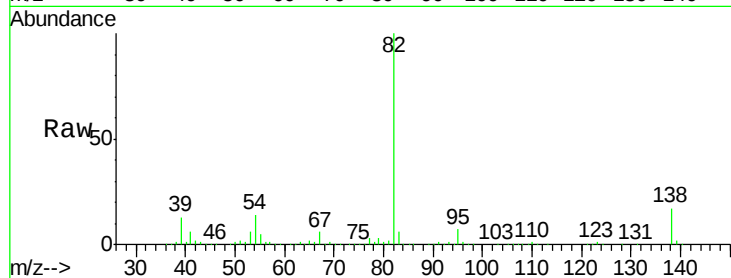
Tgt Ion: 82 Resp: 1022373

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

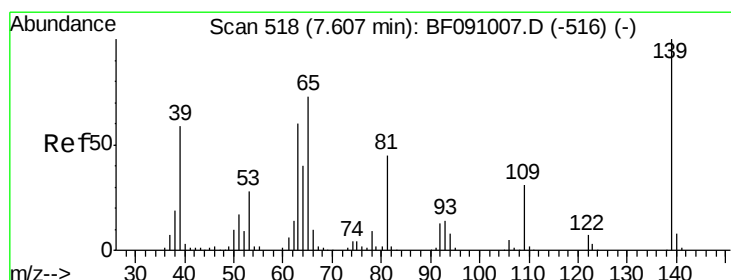
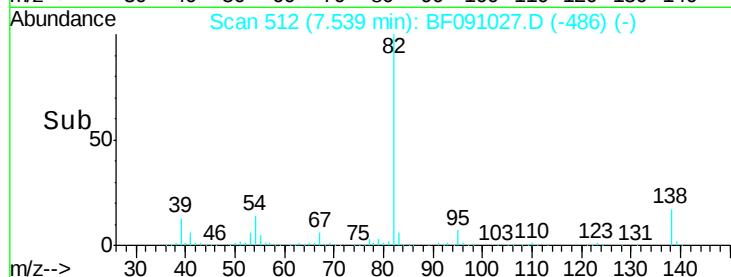
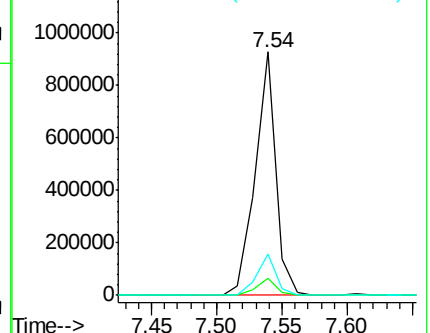
138 16.9 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.63 ng

RT: 7.61 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

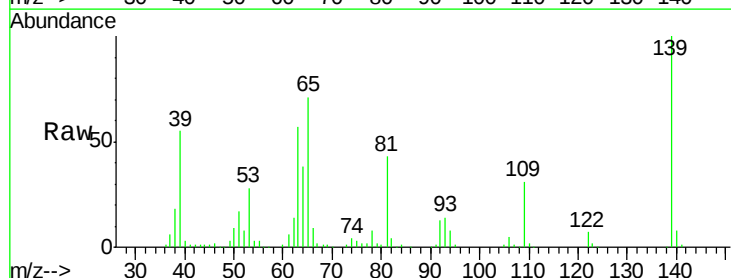
Tgt Ion: 139 Resp: 257079

Ion Ratio Lower Upper

139 100

109 30.6 24.7 37.1

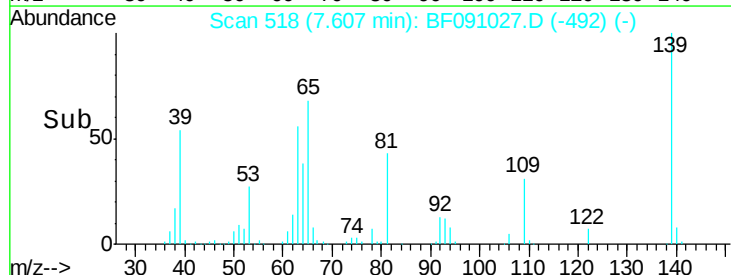
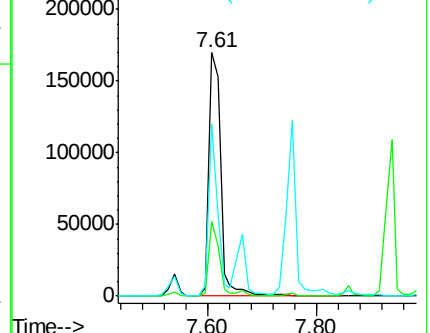
65 70.7 58.3 87.5

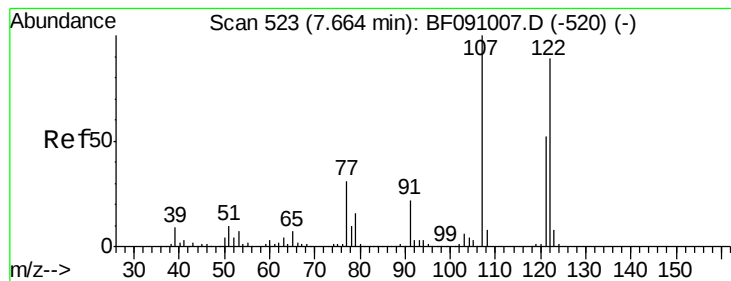


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.00 ng

RT: 7.66 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

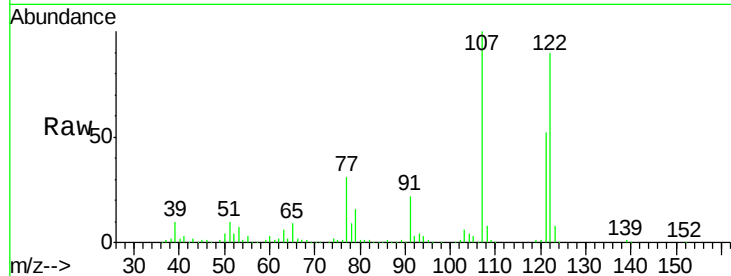
Tgt Ion:122 Resp: 450617

Ion Ratio Lower Upper

122 100

107 111.6 89.6 134.4

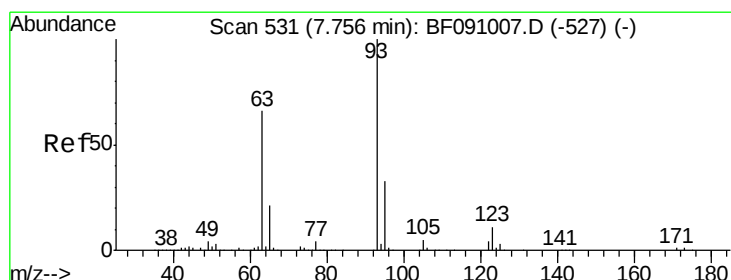
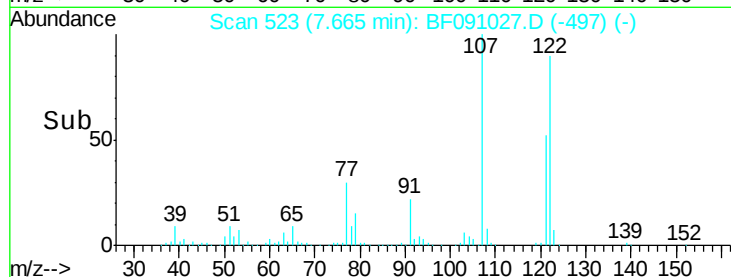
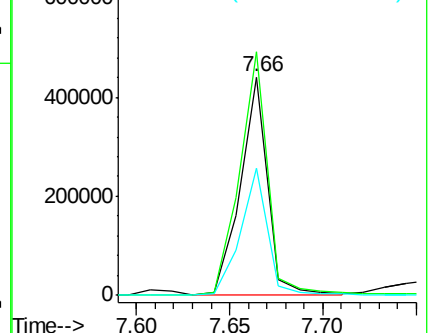
121 58.1 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.97 ng

RT: 7.76 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

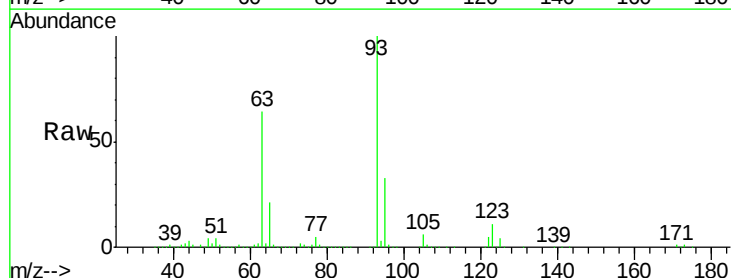
Tgt Ion: 93 Resp: 613240

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

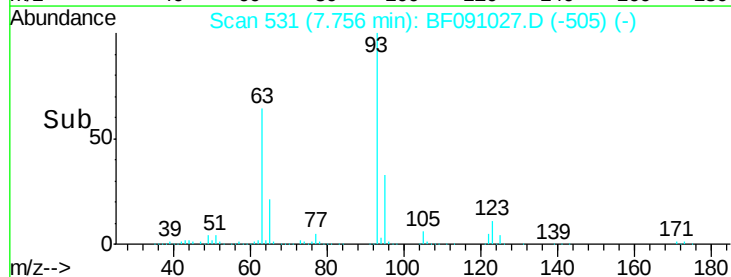
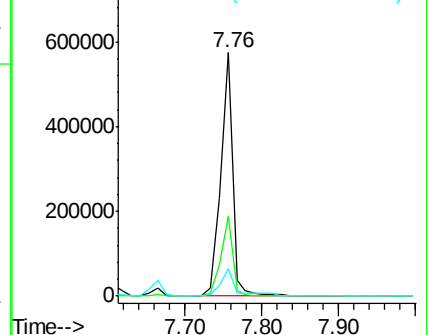
123 11.1 8.7 13.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

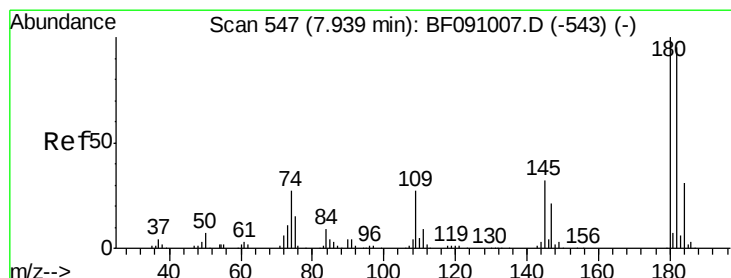
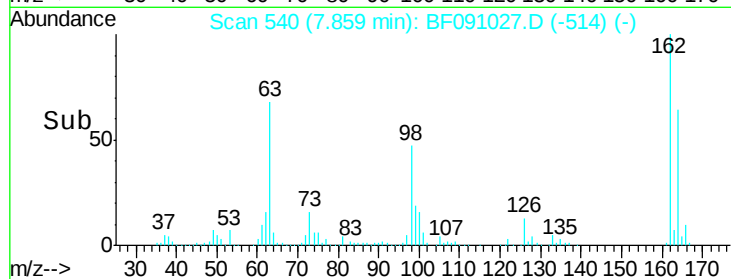
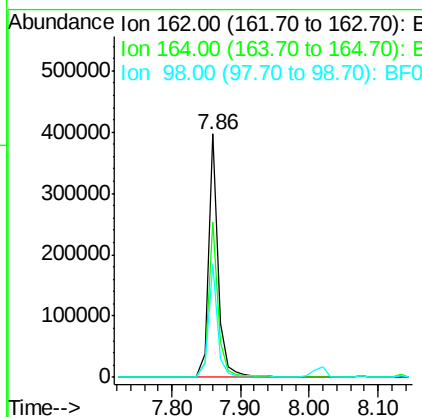
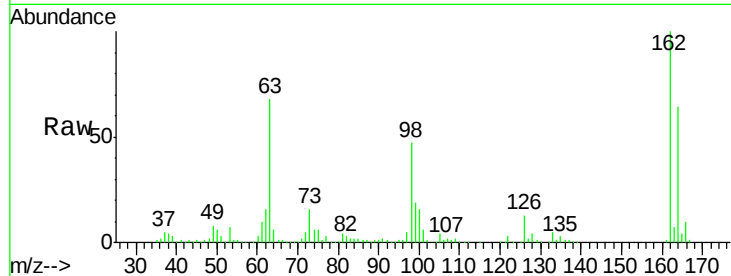




#29
 2,4-Dichlorophenol
 Concen: 41.71 ng
 RT: 7.86 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

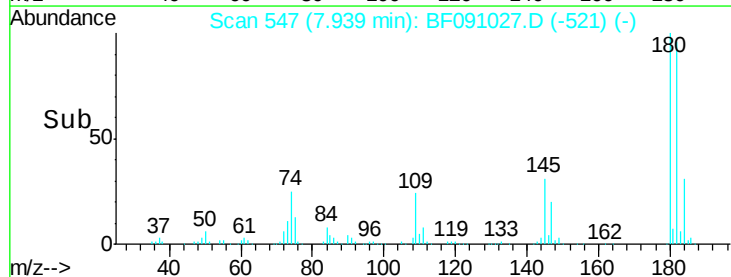
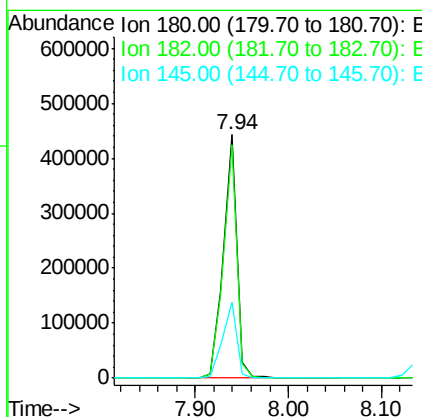
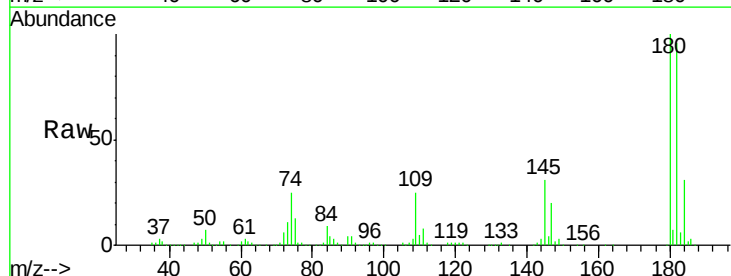
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 390590
 Ion Ratio Lower Upper
 162 100
 164 63.6 44.4 84.4
 98 46.6 25.2 65.2



#30
 1,2,4-Trichlorobenzene
 Concen: 42.10 ng
 RT: 7.94 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

Tgt Ion:180 Resp: 443276
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.0 114.0
 145 31.3 25.8 38.8





#31

Naphthalene

Concen: 40.75 ng

RT: 8.02 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

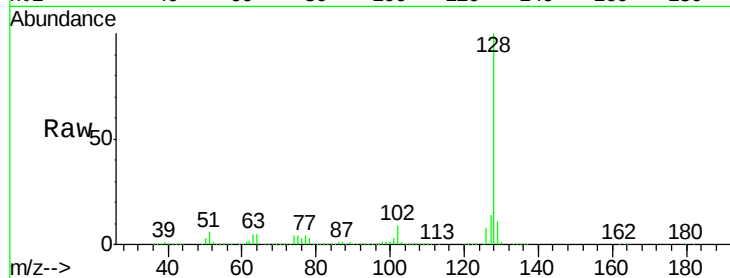
Tgt Ion:128 Resp: 1475769

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

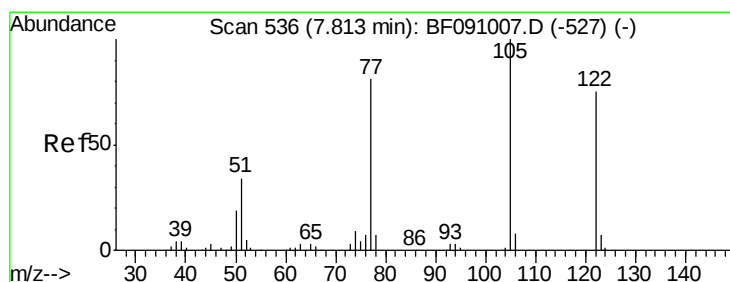
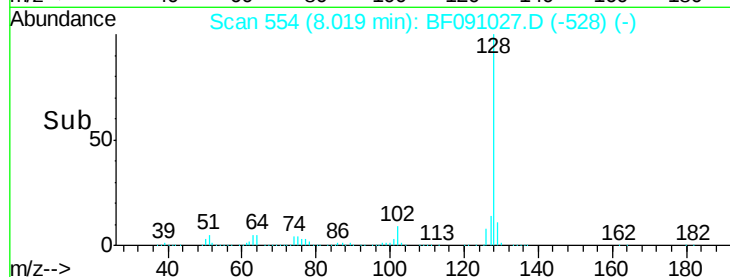
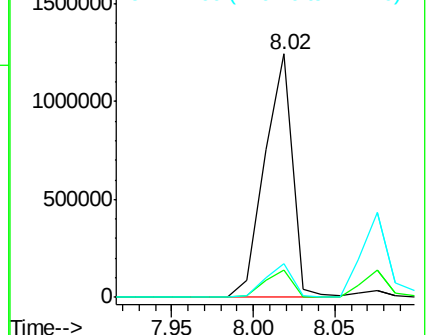
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.78 ng

RT: 7.81 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

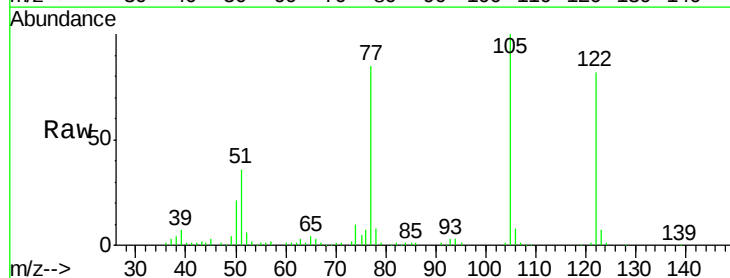
Tgt Ion:122 Resp: 334181

Ion Ratio Lower Upper

122 100

105 122.2 105.9 145.9

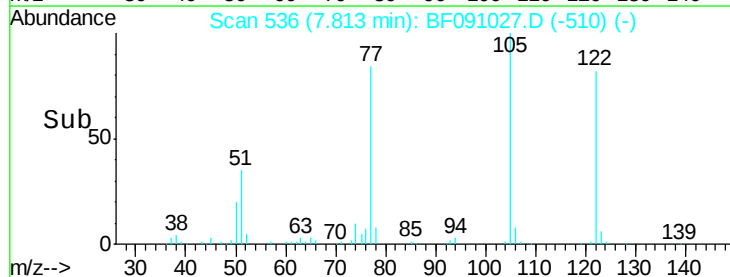
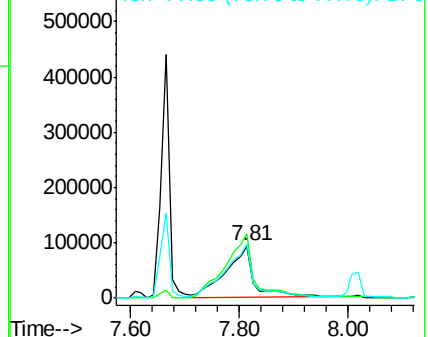
77 104.3 84.0 124.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

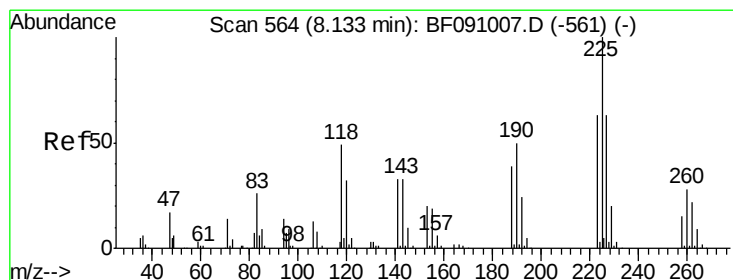
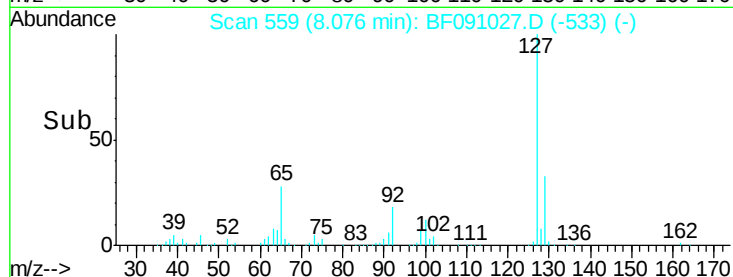
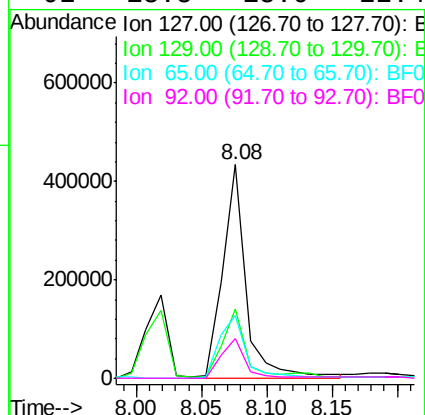
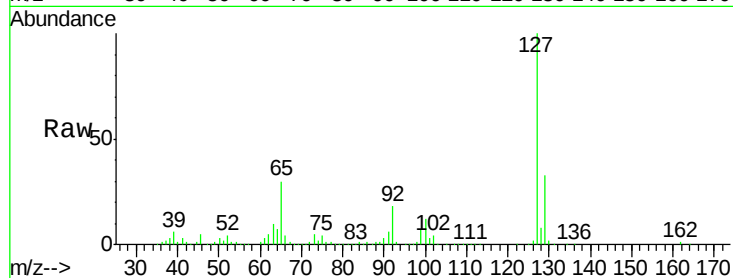




#33
4-Chloroaniline
Concen: 35.93 ng
RT: 8.08 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF091027.D
Acq: 4 Nov 2016 18:25

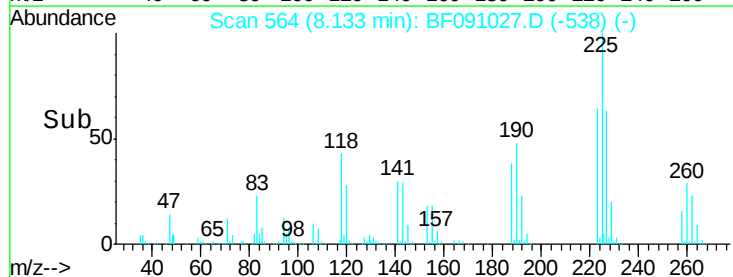
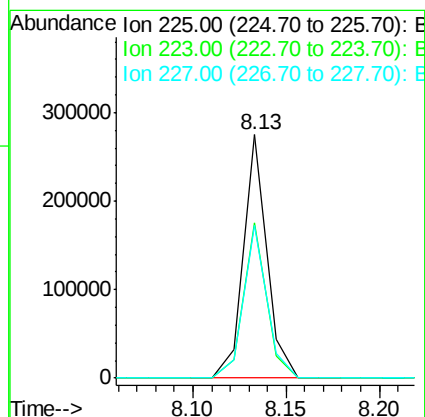
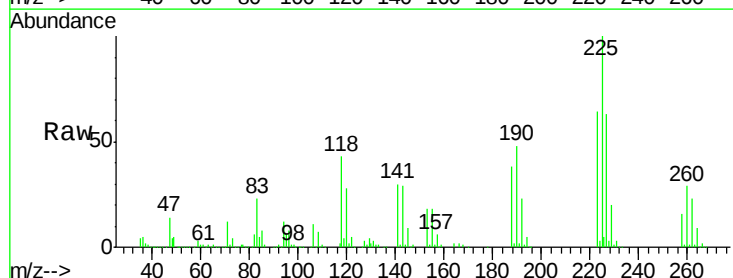
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

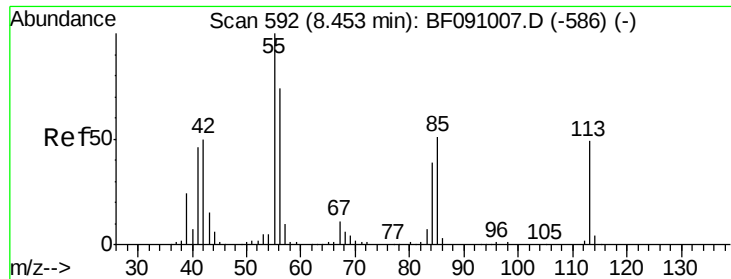
Tgt Ion:	127	Resp:	541041
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	39.8
65	29.5	22.2	33.2
92	18.5	15.0	22.4



#34
Hexachlorobutadiene
Concen: 42.34 ng
RT: 8.13 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF091027.D
Acq: 4 Nov 2016 18:25

Tgt Ion:	225	Resp:	240611
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.4	75.6
227	62.6	50.1	75.1

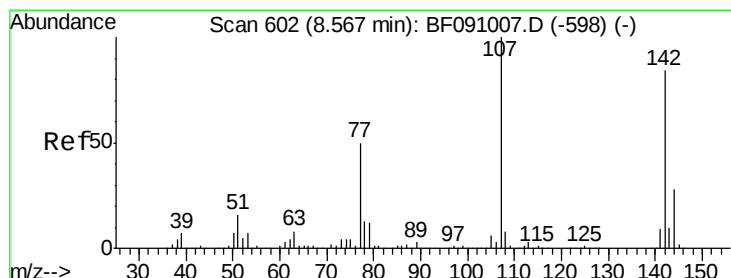
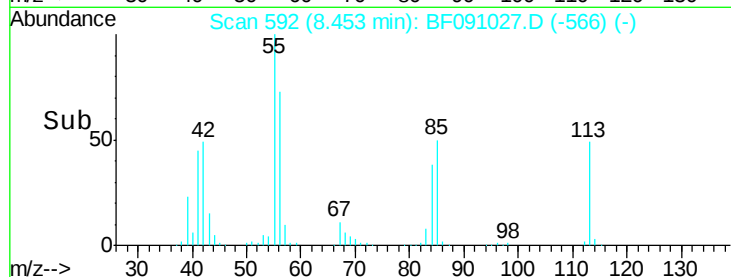
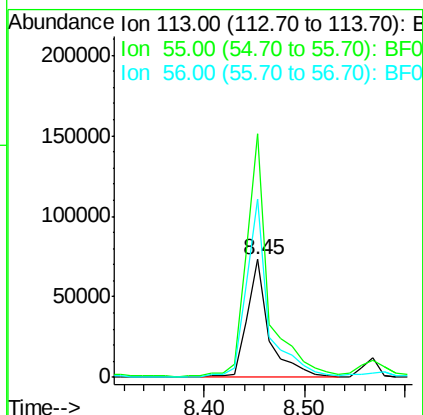
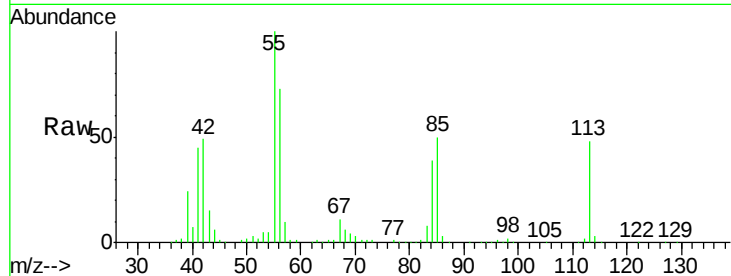




#35
 Caprolactam
 Concen: 37.91 ng
 RT: 8.45 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

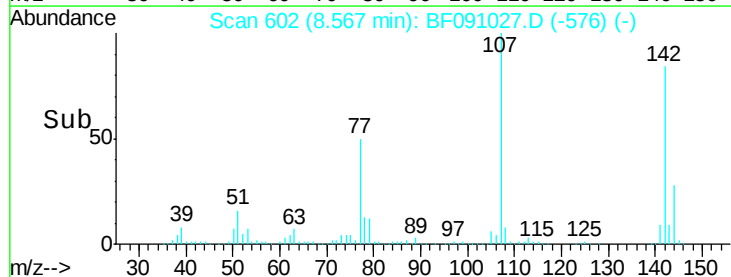
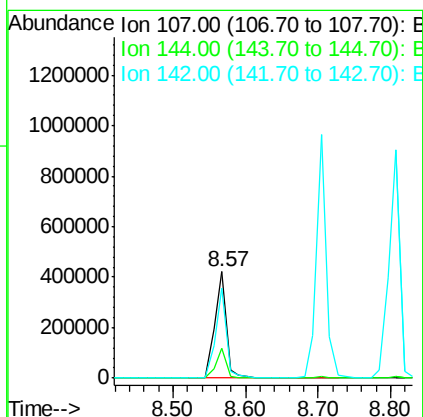
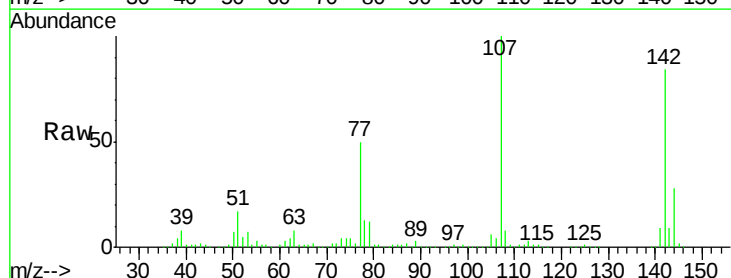
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

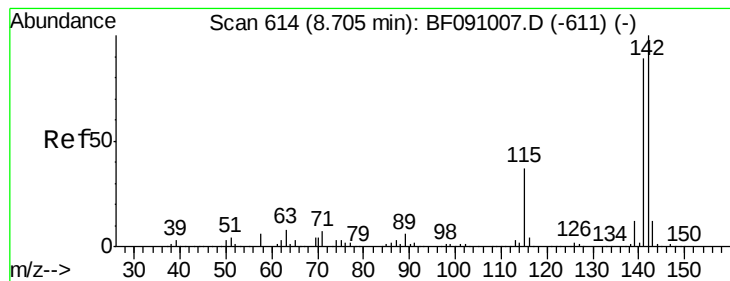
Tgt Ion:113 Resp: 111520
 Ion Ratio Lower Upper
 113 100
 55 206.9 184.1 224.1
 56 151.9 132.0 172.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.78 ng
 RT: 8.57 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

Tgt Ion:107 Resp: 473578
 Ion Ratio Lower Upper
 107 100
 144 27.9 22.5 33.7
 142 84.0 67.4 101.2





#37

2-Methylnaphthalene

Concen: 39.05 ng

RT: 8.70 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

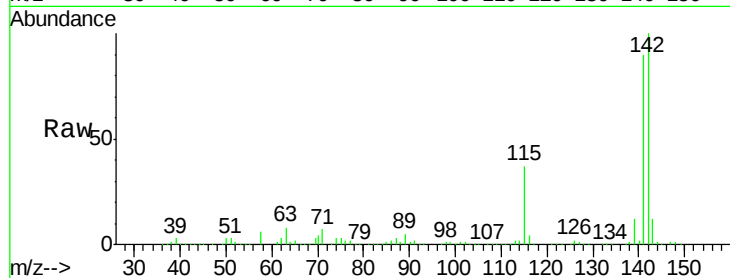
Tgt Ion:142 Resp: 909001

Ion Ratio Lower Upper

142 100

141 89.8 71.3 106.9

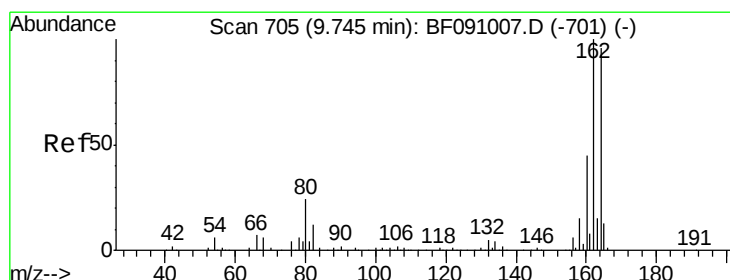
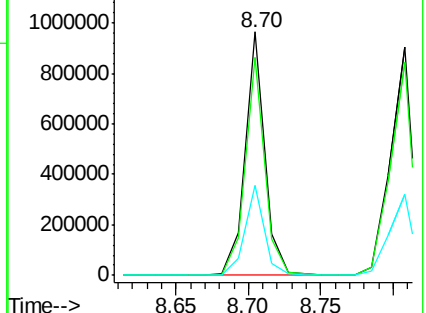
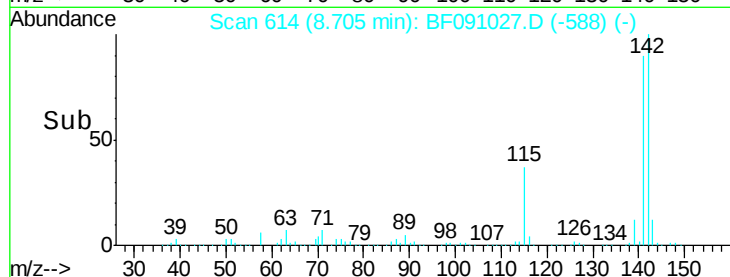
115 36.9 29.9 44.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

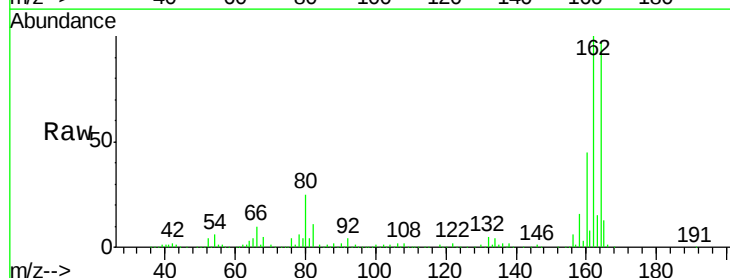
Tgt Ion:164 Resp: 398116

Ion Ratio Lower Upper

164 100

162 103.4 83.6 125.4

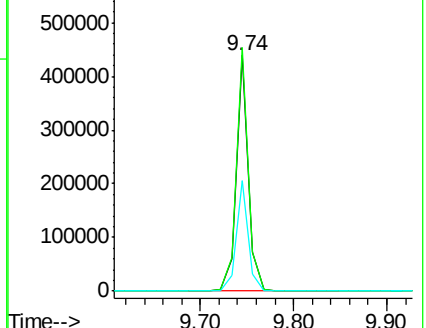
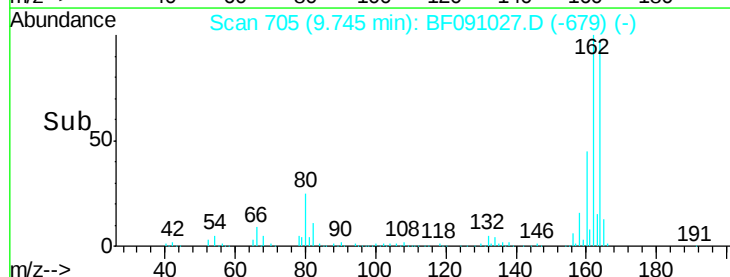
160 46.9 37.9 56.9

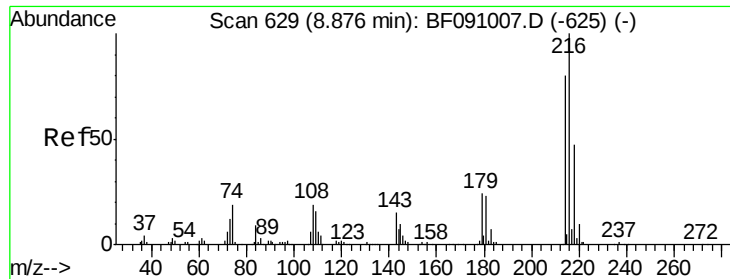


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

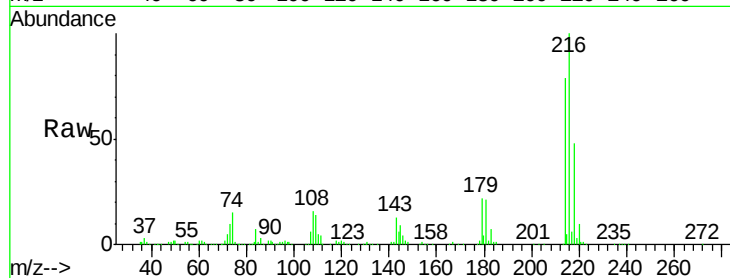




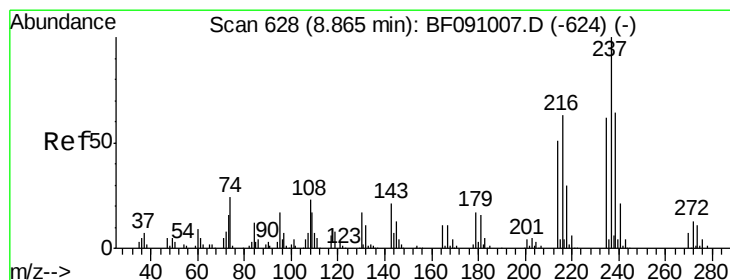
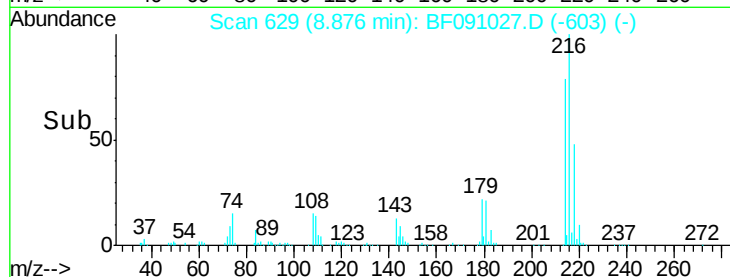
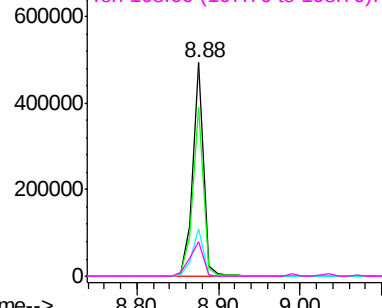
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.04 ng
 RT: 8.88 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	447017
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.5	95.3
179	22.9	19.1	28.7
108	20.6	17.5	26.3

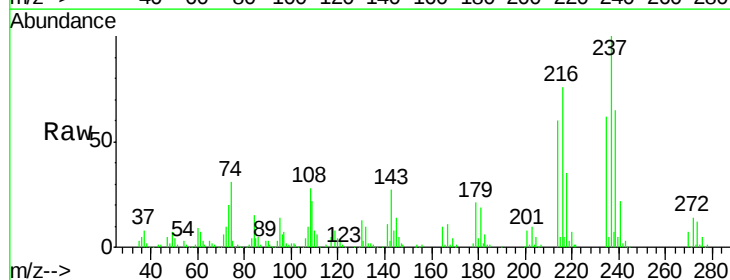


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

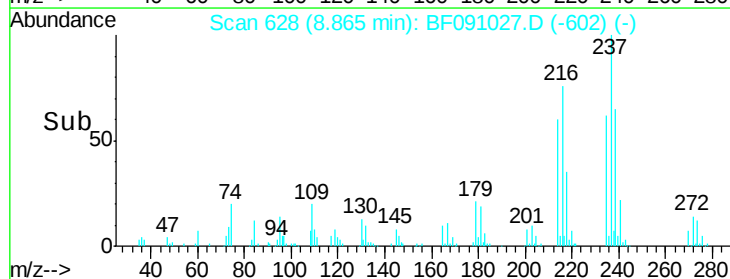
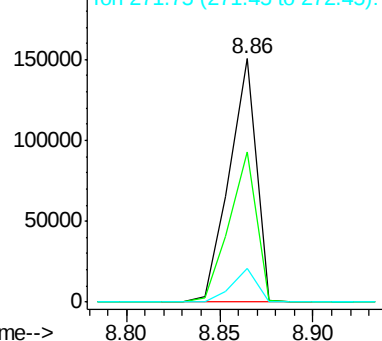


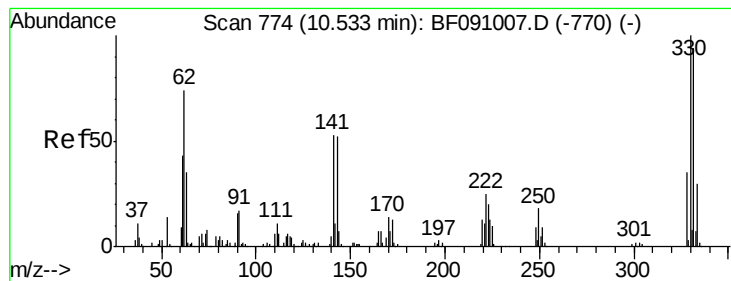
#40
 Hexachlorocyclopentadiene
 Concen: 42.01 ng
 RT: 8.86 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

Tgt Ion:	237	Resp:	151344
Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.1	82.1
272	14.1	0.0	33.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 76.20 ng

RT: 10.53 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

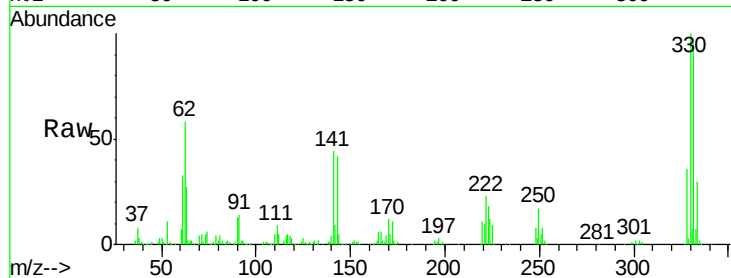
Tgt Ion:330 Resp: 274251

Ion Ratio Lower Upper

330 100

332 96.2 75.9 113.9

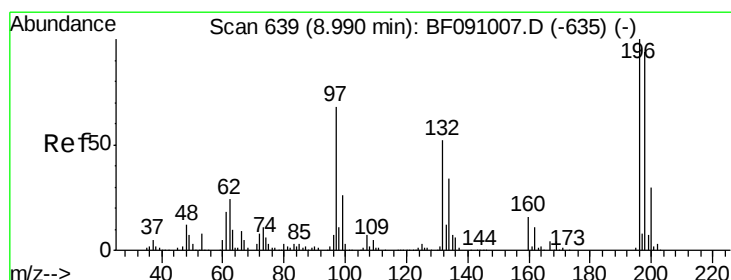
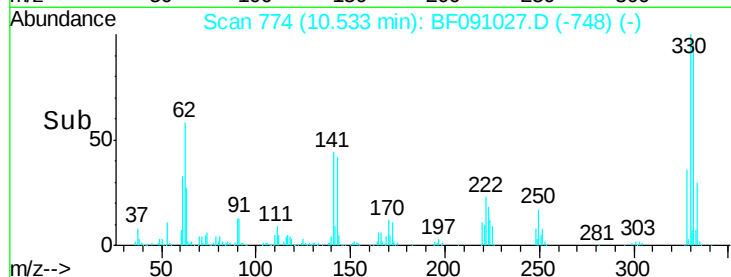
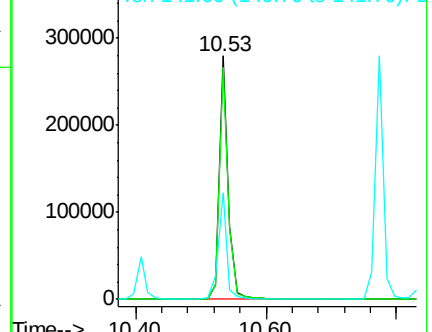
141 43.7 36.1 54.1



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 41.68 ng

RT: 8.99 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

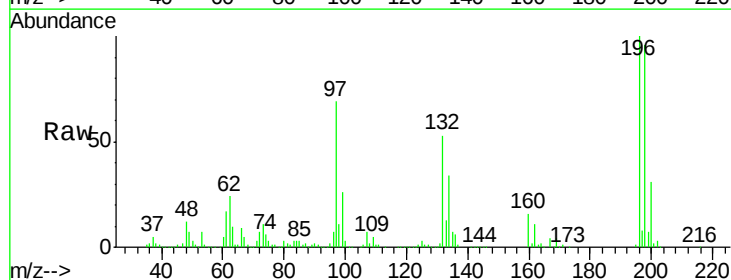
Tgt Ion:196 Resp: 273108

Ion Ratio Lower Upper

196 100

198 96.3 75.4 113.0

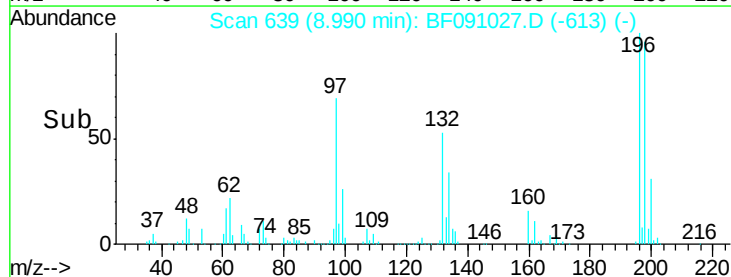
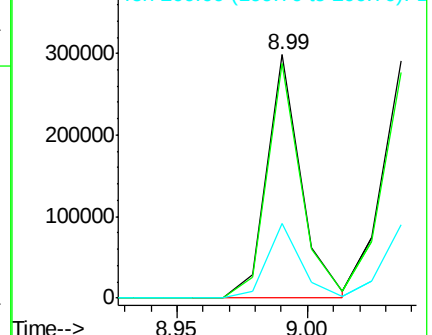
200 30.6 24.1 36.1



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

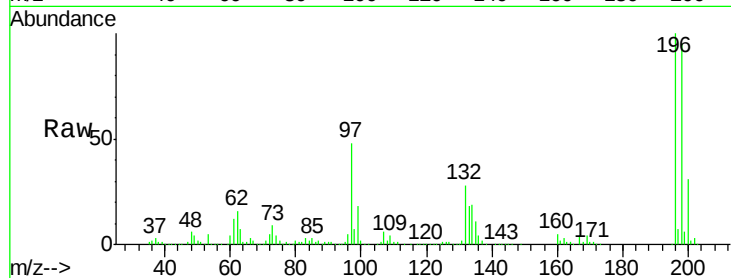




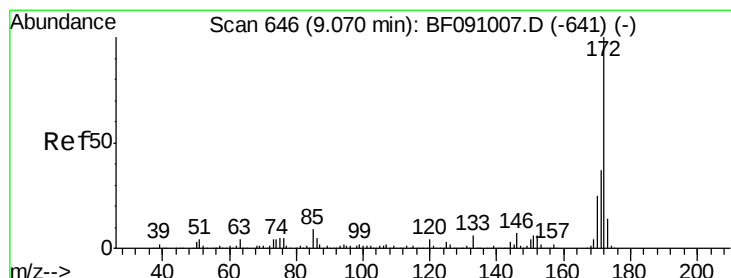
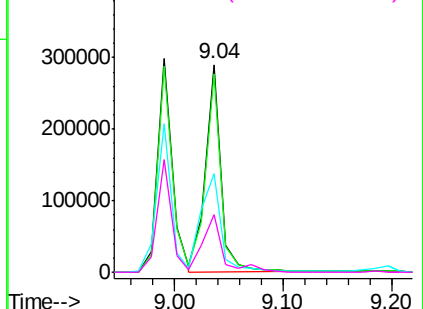
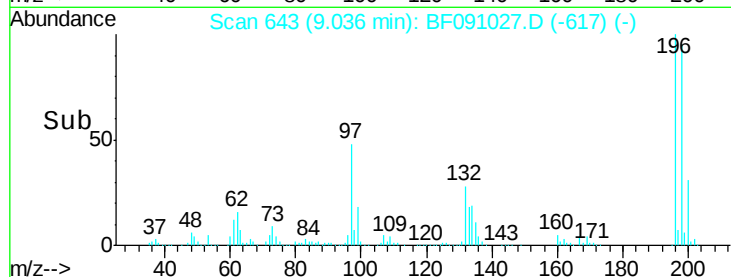
#43
 2,4,5-Trichlorophenol
 Concen: 42.25 ng
 RT: 9.04 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 290684
 Ion Ratio Lower Upper
 196 100
 198 95.4 78.2 117.4
 97 47.6 38.8 58.2
 132 27.9 23.5 35.3

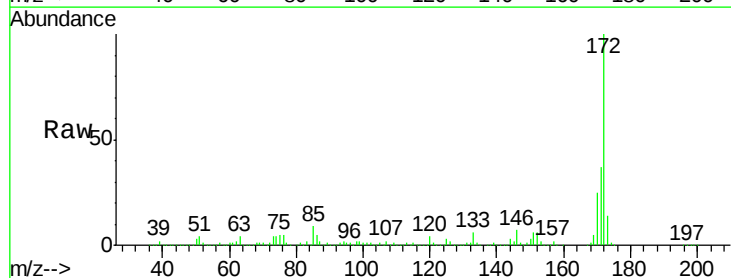


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

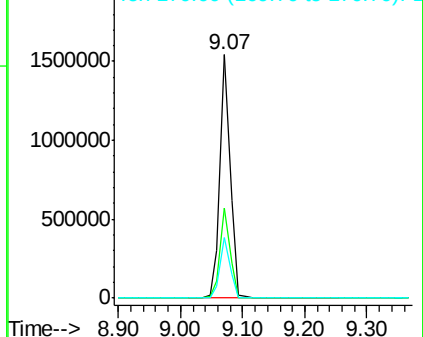
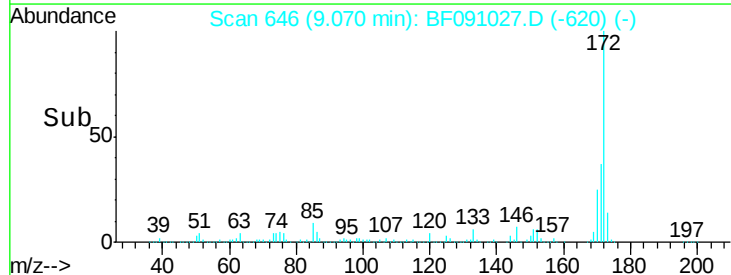


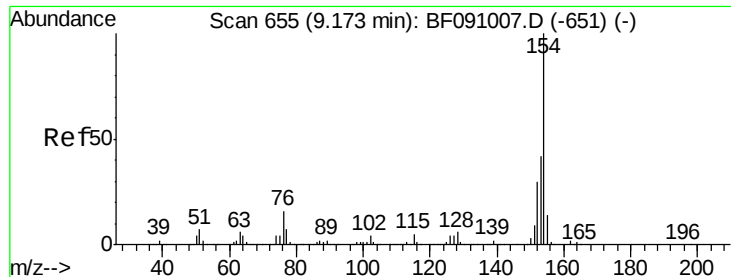
#44
 2-Fluorobiphenyl
 Concen: 75.25 ng
 RT: 9.07 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

Tgt Ion:172 Resp: 1740115
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 25.0 20.3 30.5



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

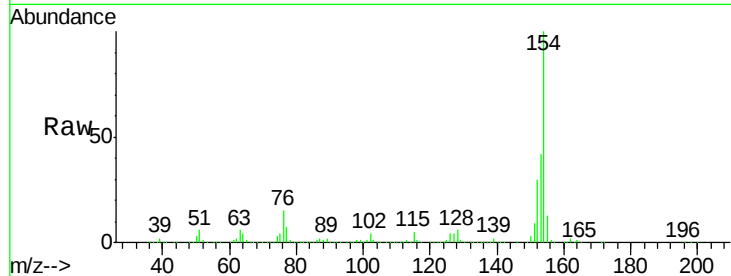




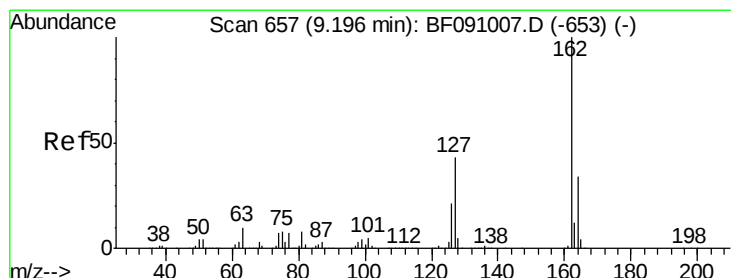
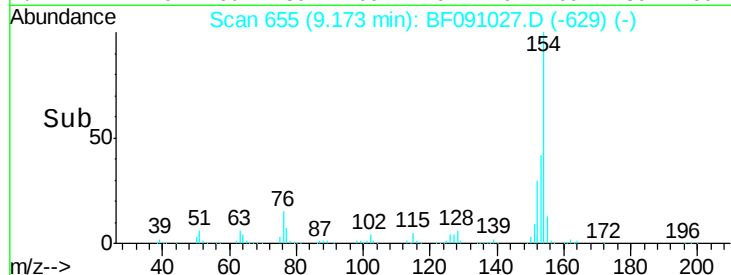
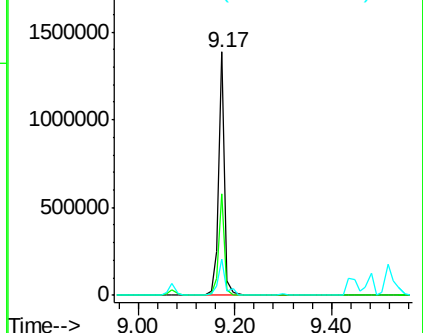
#45
 1,1'-Biphenyl
 Concen: 42.09 ng
 RT: 9.17 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1223680
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.6 61.6
 76 14.9 0.0 36.2

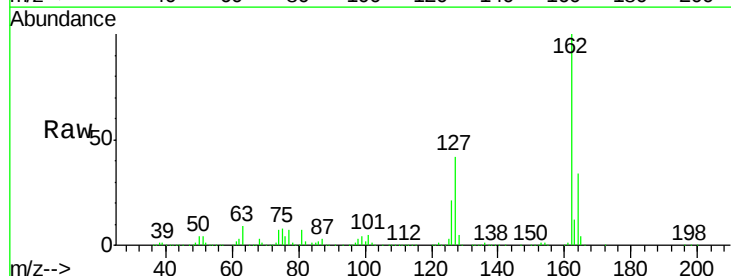


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

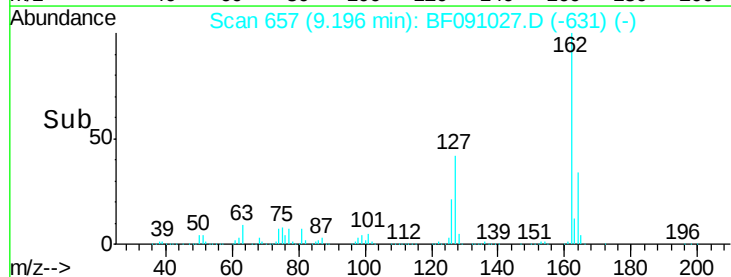
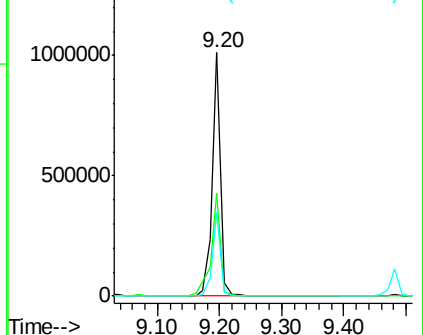


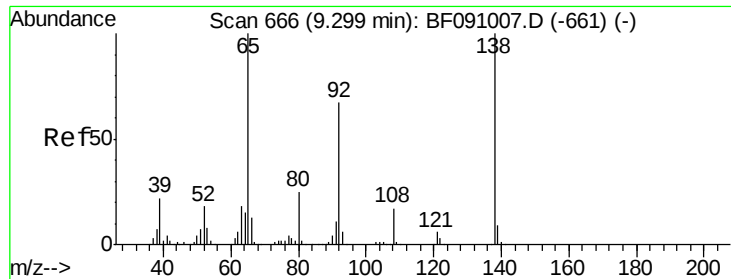
#46
 2-Chloronaphthalene
 Concen: 42.23 ng
 RT: 9.20 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

Tgt Ion:162 Resp: 932032
 Ion Ratio Lower Upper
 162 100
 127 42.3 34.7 52.1
 164 34.1 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

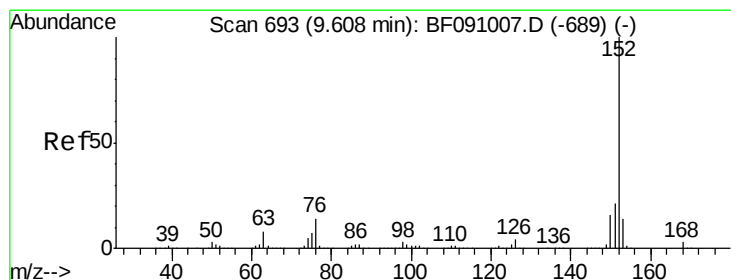
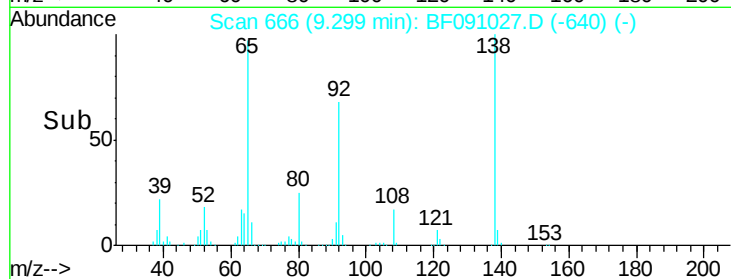
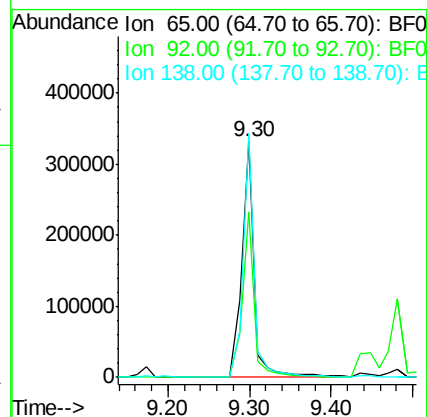
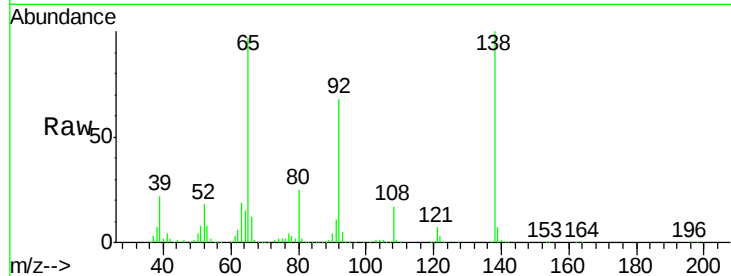




#47
2-Nitroaniline
Concen: 43.14 ng
RT: 9.30 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF091027.D
Acq: 4 Nov 2016 18:25

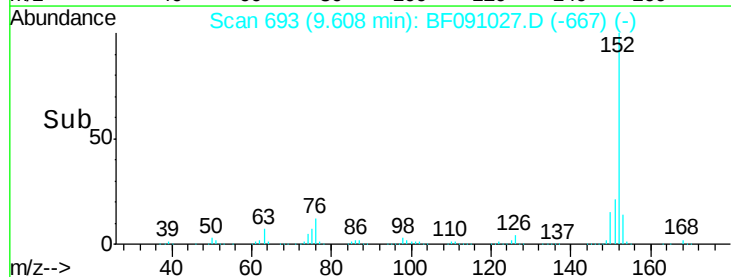
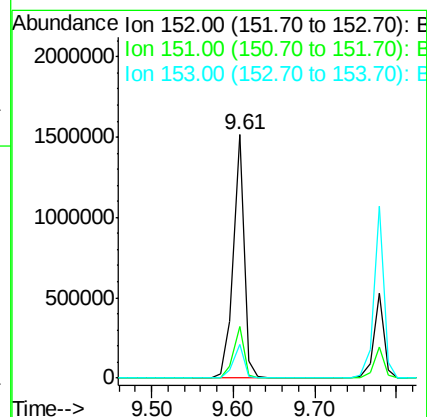
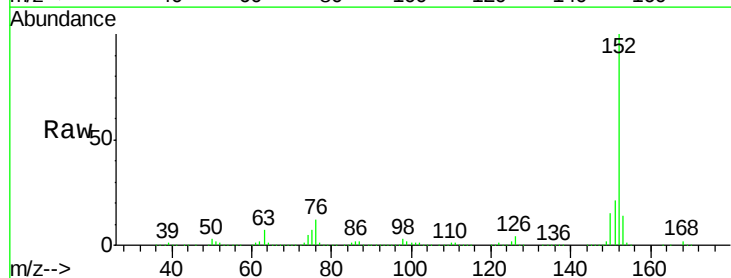
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

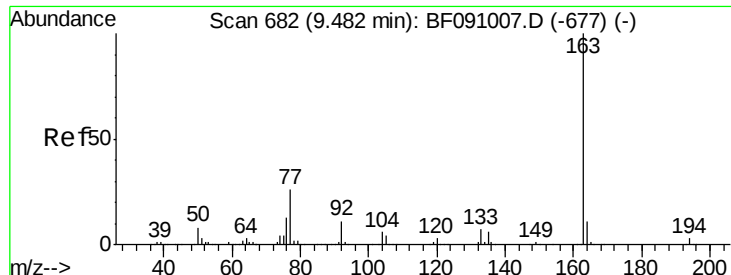
Tgt Ion: 65 Resp: 353351
Ion Ratio Lower Upper
65 100
92 70.1 53.9 80.9
138 103.3 80.1 120.1



#48
Acenaphthylene
Concen: 40.29 ng
RT: 9.61 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF091027.D
Acq: 4 Nov 2016 18:25

Tgt Ion: 152 Resp: 1385676
Ion Ratio Lower Upper
152 100
151 21.0 16.7 25.1
153 13.8 11.1 16.7

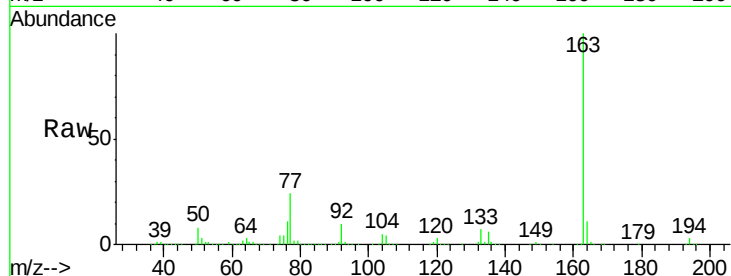




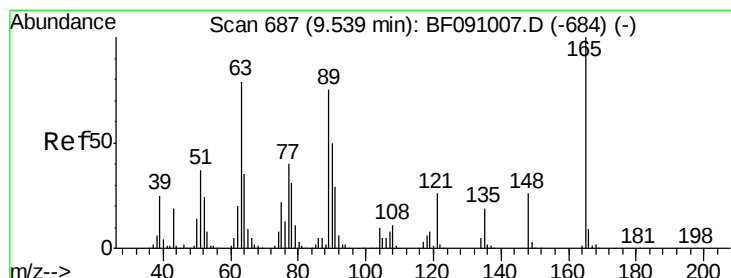
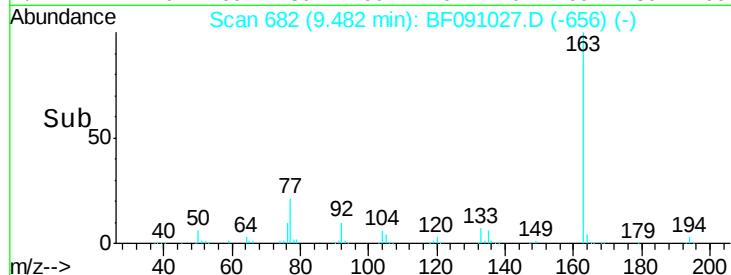
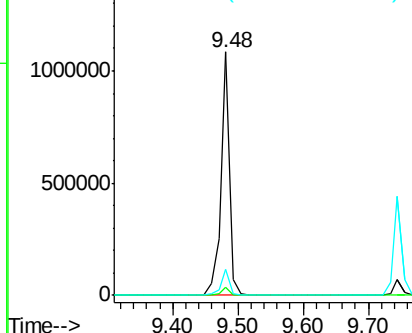
#49
Dimethylphthalate
Concen: 38.89 ng
RT: 9.48 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF091027.D
Acq: 4 Nov 2016 18:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1015140
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.7 8.7 13.1

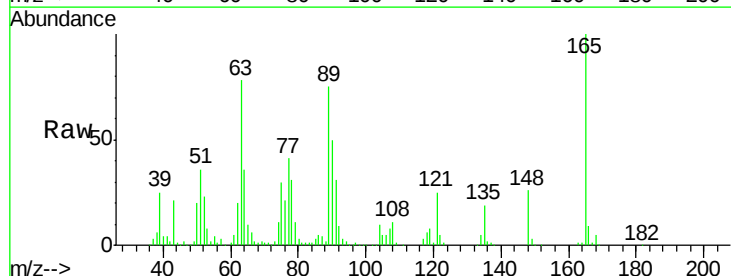


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

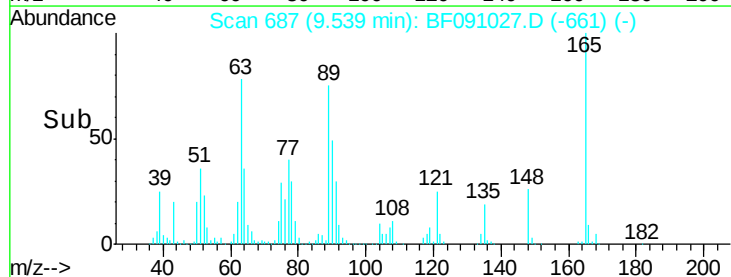
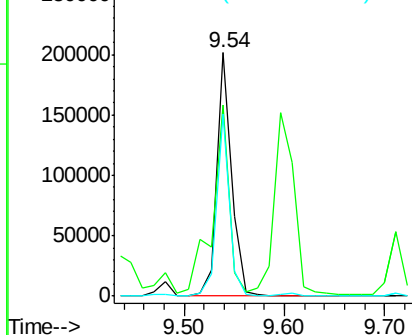


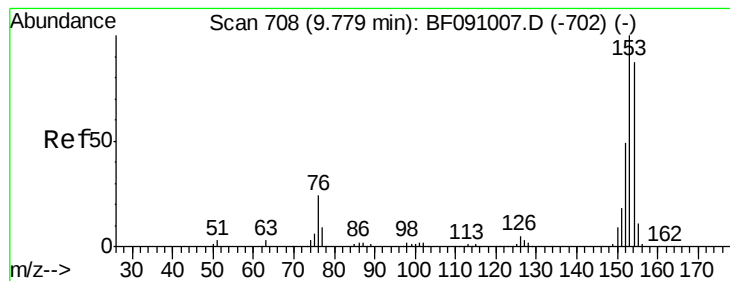
#50
2,6-Dinitrotoluene
Concen: 36.65 ng
RT: 9.54 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF091027.D
Acq: 4 Nov 2016 18:25

Tgt Ion:165 Resp: 205060
Ion Ratio Lower Upper
165 100
63 78.5 65.6 98.4
89 74.8 59.8 89.6



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





#51

Acenaphthene

Concen: 38.88 ng

RT: 9.78 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

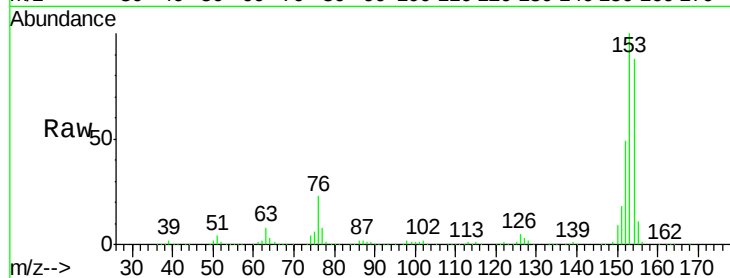
Tgt Ion:154 Resp: 839511

Ion Ratio Lower Upper

154 100

153 113.9 91.6 137.4

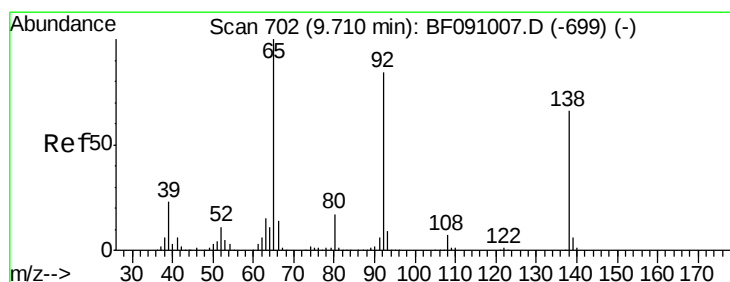
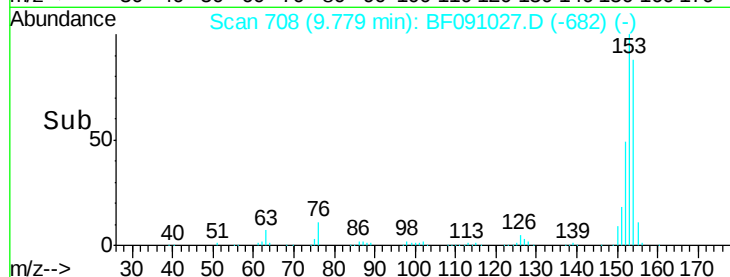
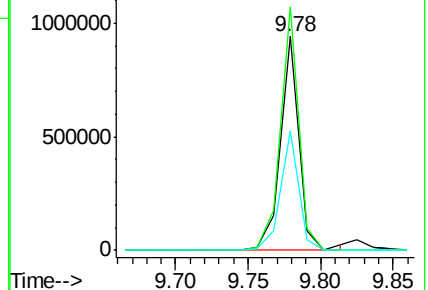
152 55.9 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.40 ng

RT: 9.71 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

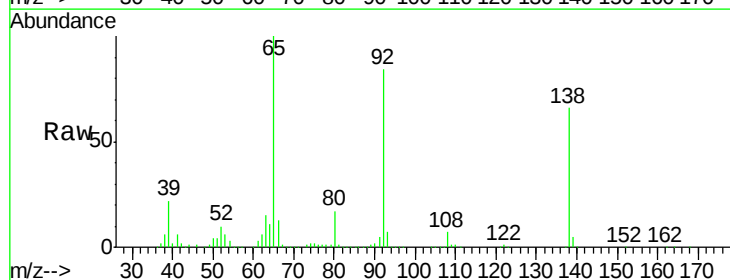
Tgt Ion:138 Resp: 248128

Ion Ratio Lower Upper

138 100

108 10.2 8.4 12.6

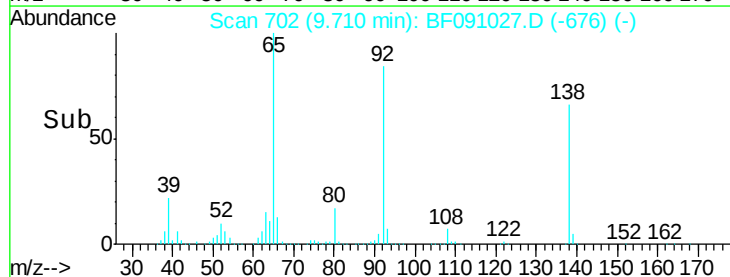
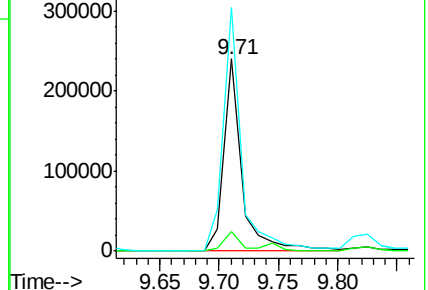
92 126.9 101.1 151.7

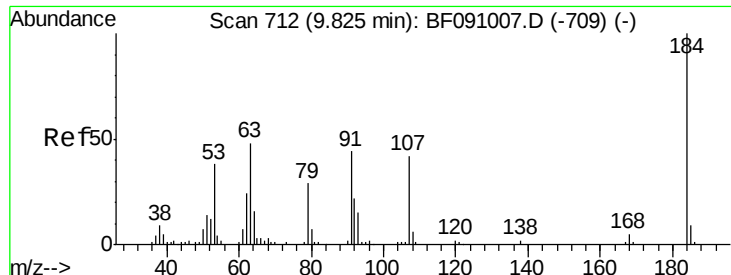


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

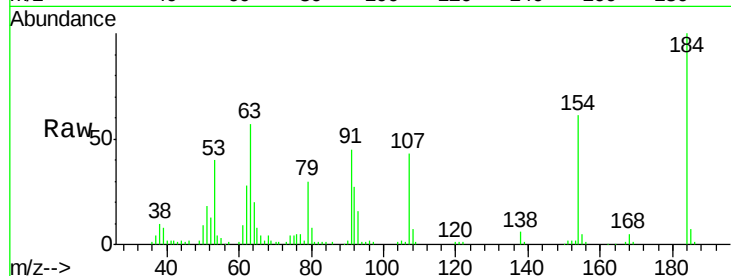




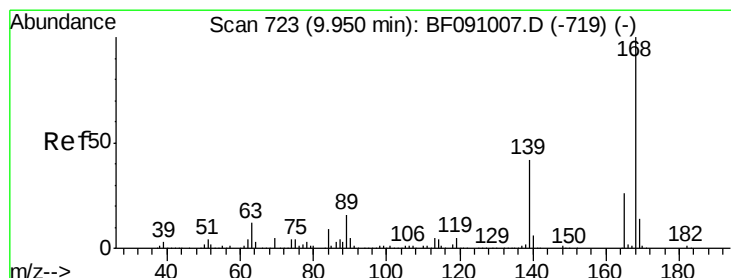
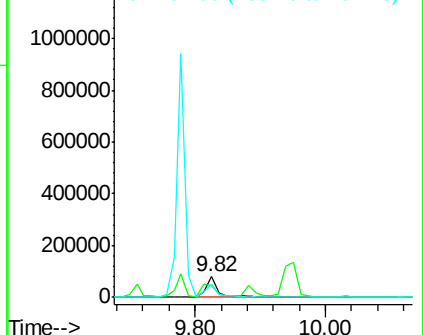
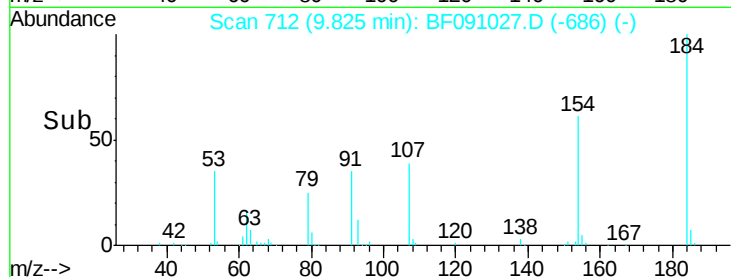
#53
2,4-Dinitrophenol
Concen: 39.52 ng
RT: 9.82 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF091027.D
Acq: 4 Nov 2016 18:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 109978
Ion Ratio Lower Upper
184 100
63 57.3 45.5 68.3
154 61.5 51.0 76.4

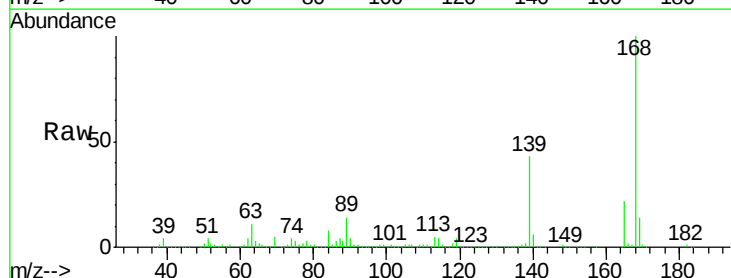


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

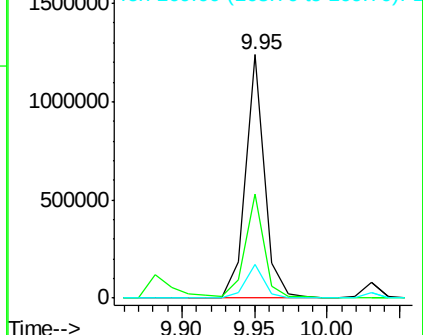
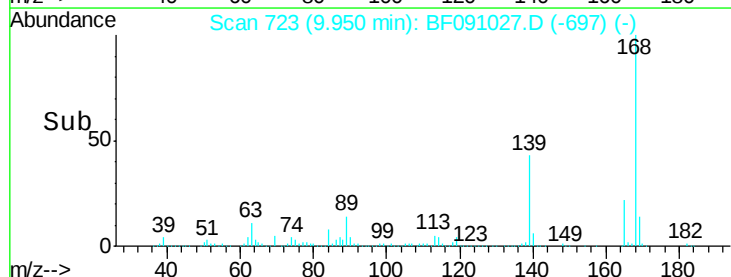


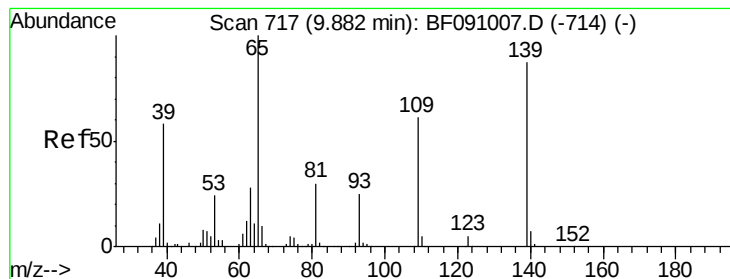
#54
Dibenzofuran
Concen: 38.64 ng
RT: 9.95 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF091027.D
Acq: 4 Nov 2016 18:25

Tgt Ion:168 Resp: 1123167
Ion Ratio Lower Upper
168 100
139 42.8 34.8 52.2
169 14.0 11.4 17.2



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





#55

4-Nitrophenol

Concen: 37.36 ng

RT: 9.88 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

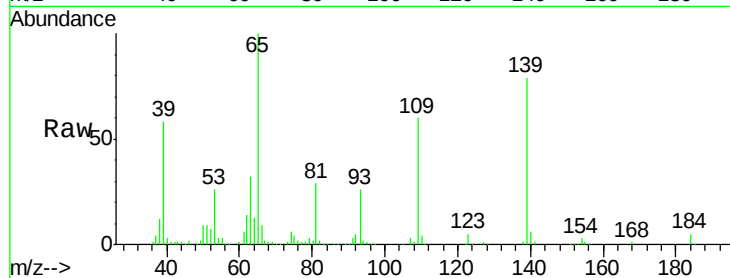
Tgt Ion:139 Resp: 150516

Ion Ratio Lower Upper

139 100

109 75.1 50.5 90.5

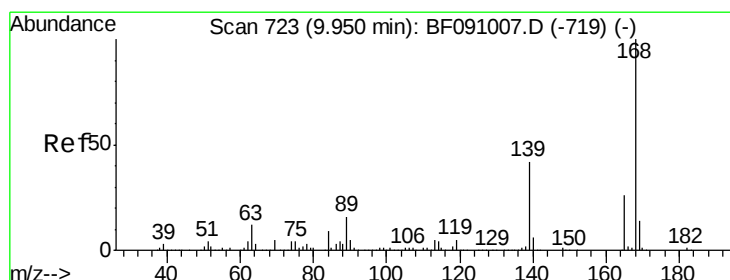
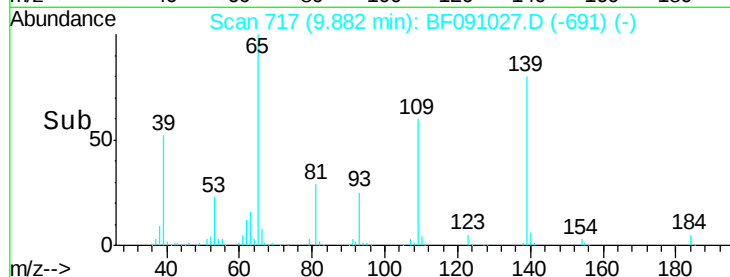
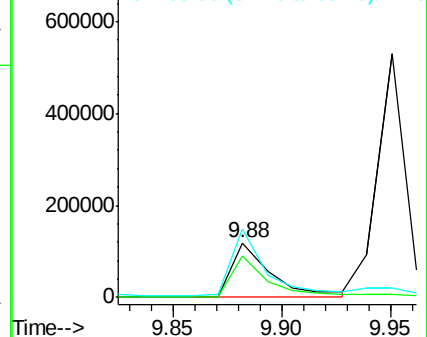
65 126.2 97.1 137.1



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.41 ng

RT: 9.95 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Tgt Ion:165 Resp: 301894

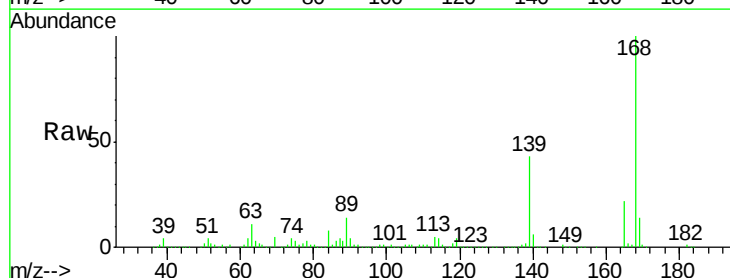
Ion Ratio Lower Upper

165 100

63 50.0 38.7 58.1

89 65.6 50.6 76.0

182 2.3 1.8 2.8

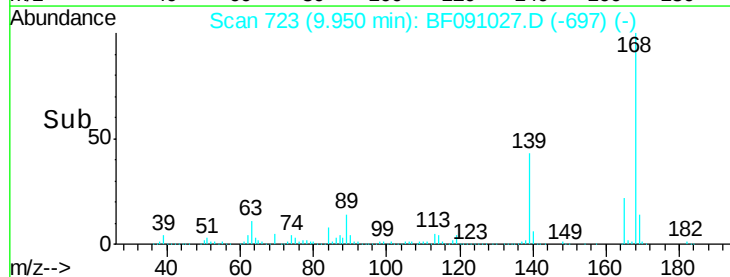
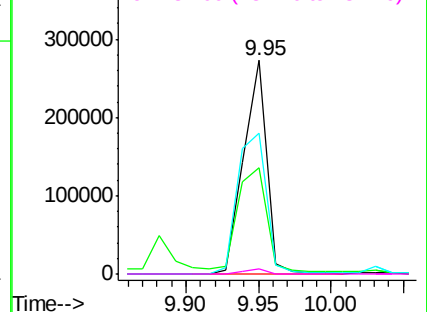


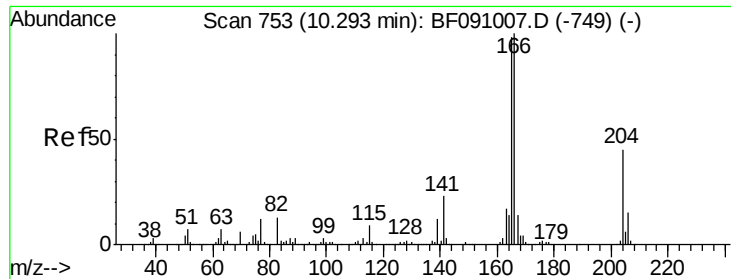
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

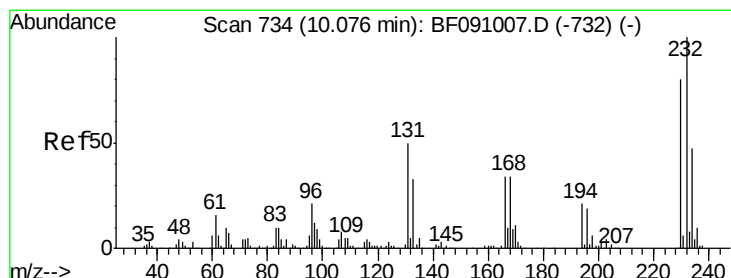
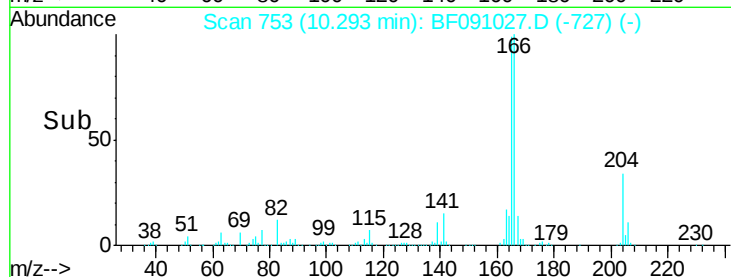
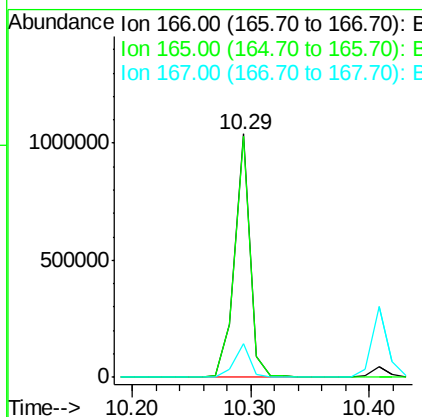
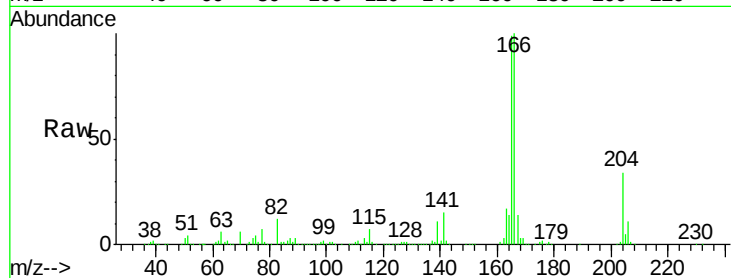




#57
 Fluorene
 Concen: 40.16 ng
 RT: 10.29 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

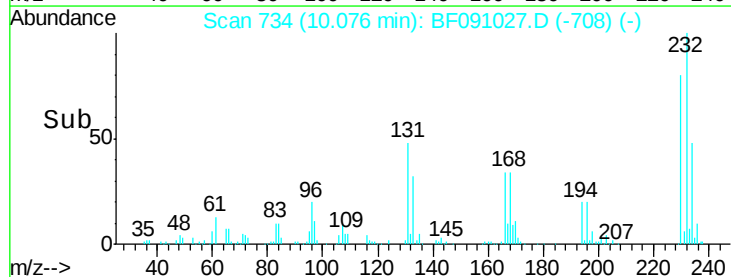
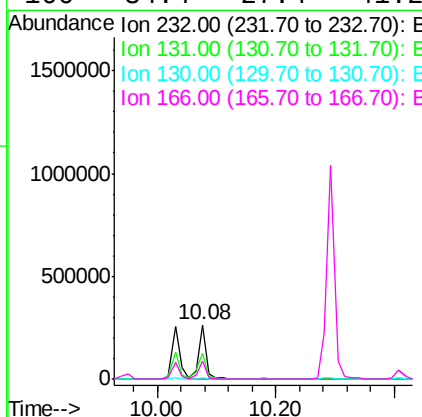
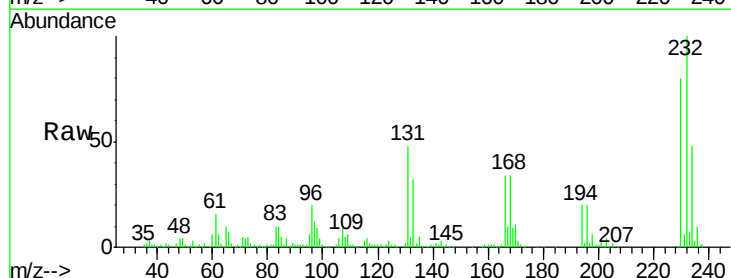
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

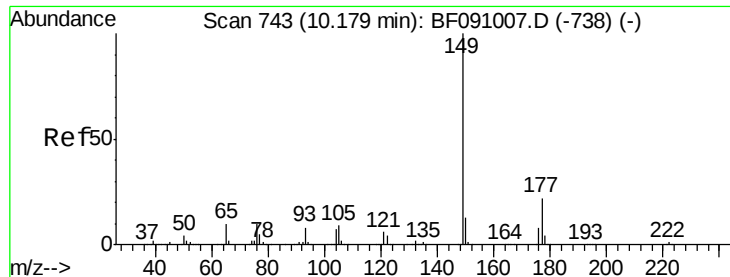
Tgt Ion:166 Resp: 954227
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.6 118.0
 167 13.8 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.83 ng
 RT: 10.08 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

Tgt Ion:232 Resp: 241640
 Ion Ratio Lower Upper
 232 100
 131 53.5 43.6 65.4
 130 2.6 2.0 3.0
 166 34.4 27.4 41.2

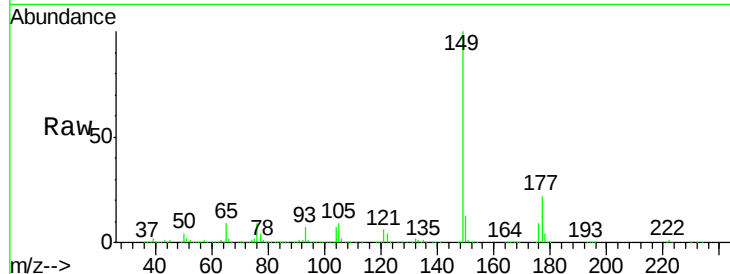




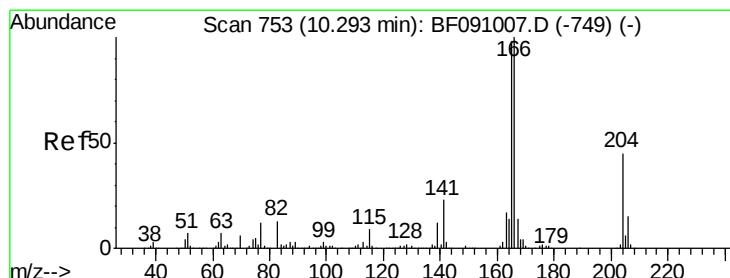
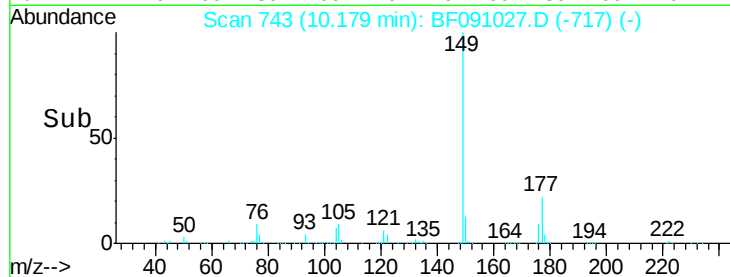
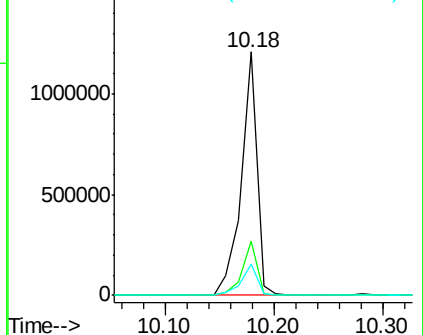
#59
Diethylphthalate
Concen: 44.51 ng
RT: 10.18 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF091027.D
Acq: 4 Nov 2016 18:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1191284
Ion Ratio Lower Upper
149 100
177 22.1 17.3 25.9
150 12.6 10.3 15.5

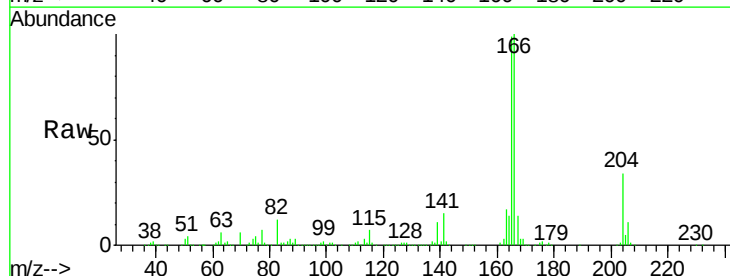


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

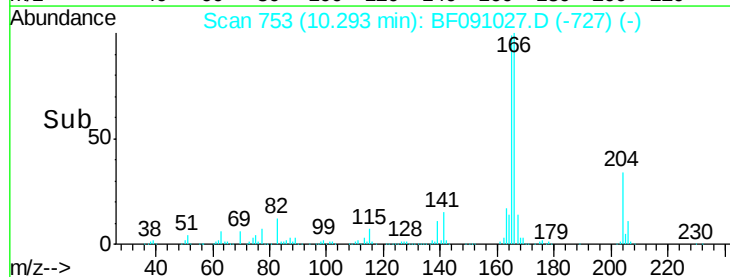
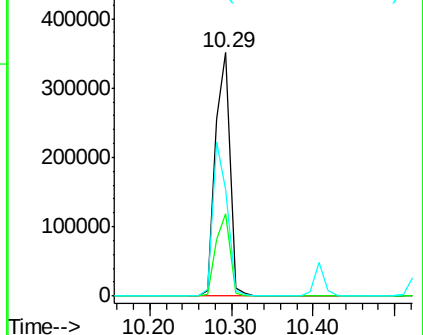


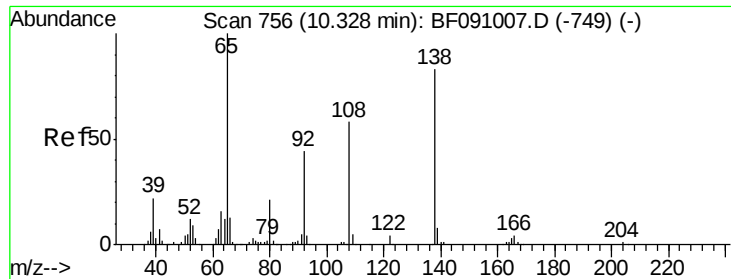
#60
4-Chlorophenyl-phenylether
Concen: 40.35 ng
RT: 10.29 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF091027.D
Acq: 4 Nov 2016 18:25

Tgt Ion:204 Resp: 436283
Ion Ratio Lower Upper
204 100
206 33.9 27.1 40.7
141 43.8 40.1 60.1



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

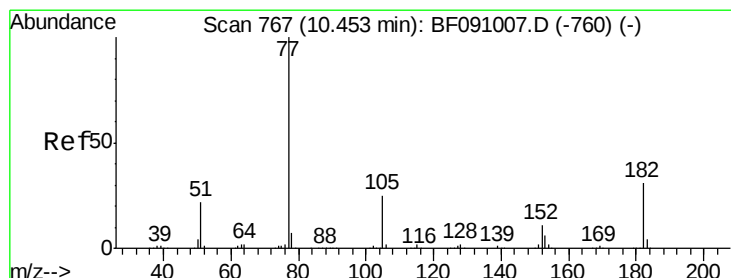
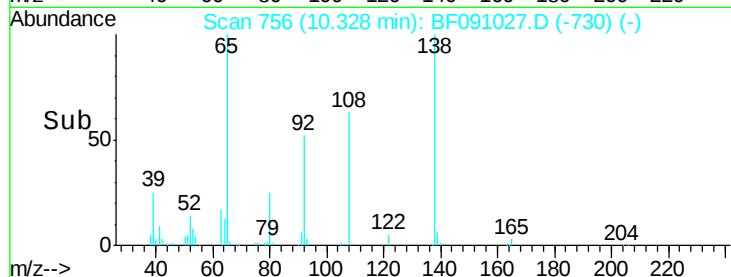
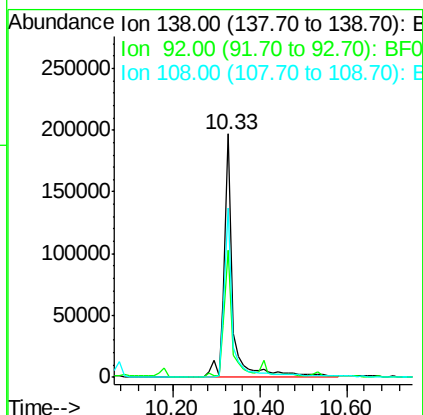
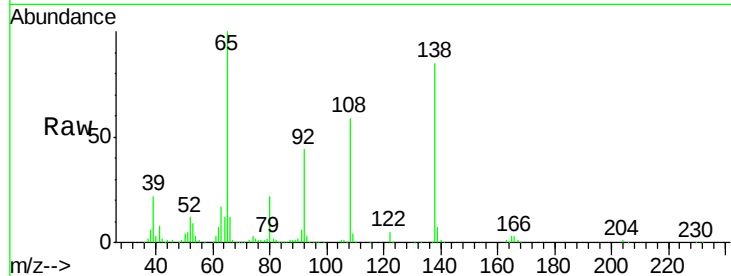




#61
4-Nitroaniline
Concen: 40.53 ng
RT: 10.33 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF091027.D
Acq: 4 Nov 2016 18:25

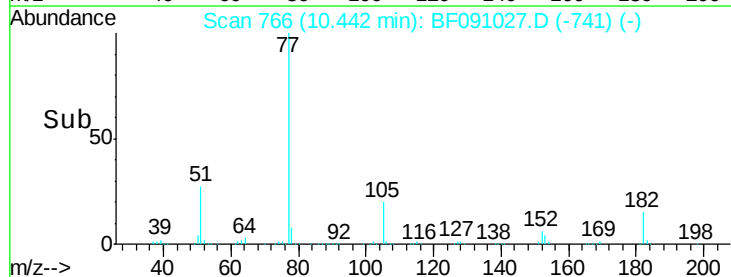
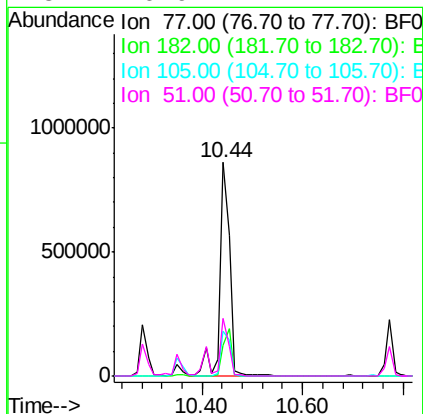
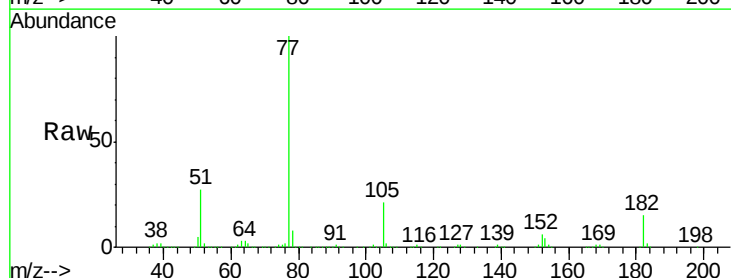
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

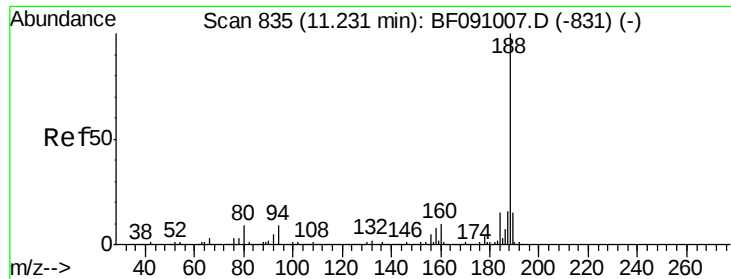
Tgt Ion: 138 Resp: 272008
Ion Ratio Lower Upper
138 100
92 52.4 32.5 72.5
108 69.6 49.4 89.4



#62
Azobenzene
Concen: 36.89 ng
RT: 10.44 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF091027.D
Acq: 4 Nov 2016 18:25

Tgt Ion: 77 Resp: 1162316
Ion Ratio Lower Upper
77 100
182 14.6 11.0 51.0
105 20.9 5.6 45.6
51 26.9 2.7 42.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

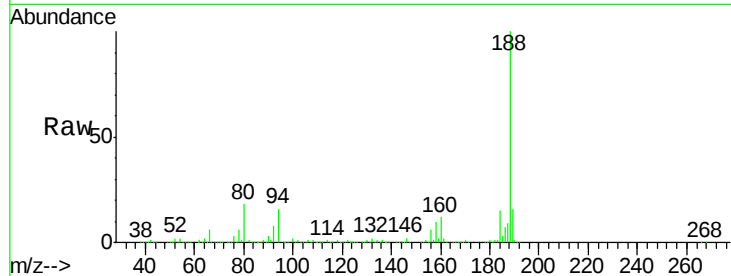
Tgt Ion:188 Resp: 639188

Ion Ratio Lower Upper

188 100

94 15.5 7.0 10.4#

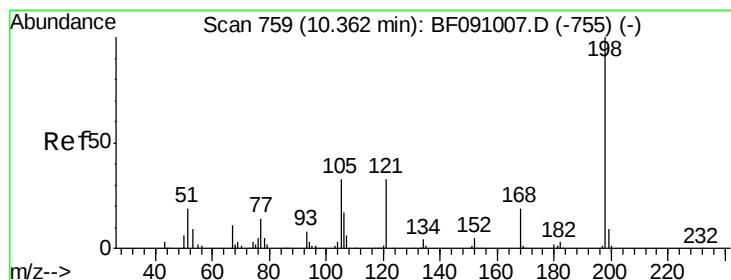
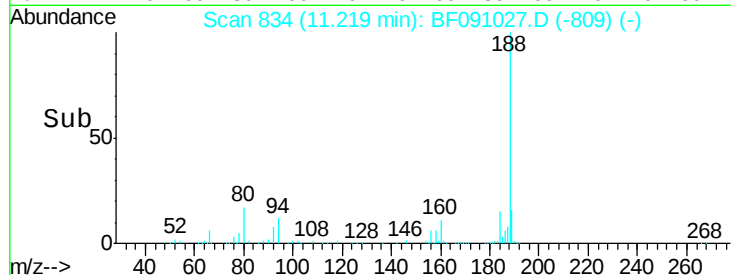
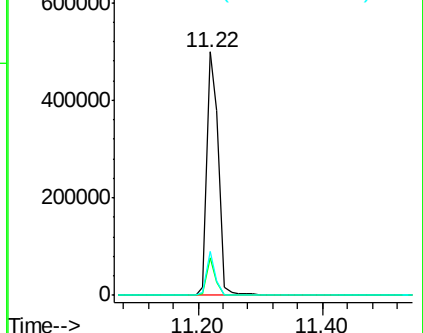
80 17.8 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.85 ng

RT: 10.36 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

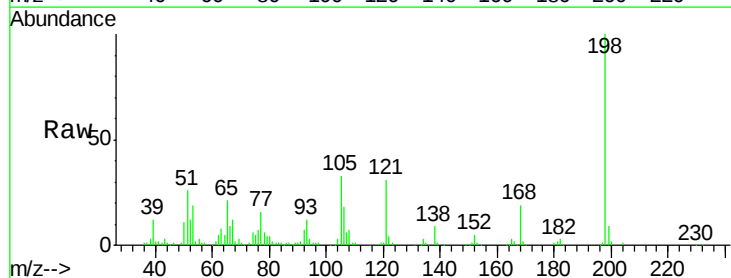
Tgt Ion:198 Resp: 155991

Ion Ratio Lower Upper

198 100

51 25.6 5.9 45.9

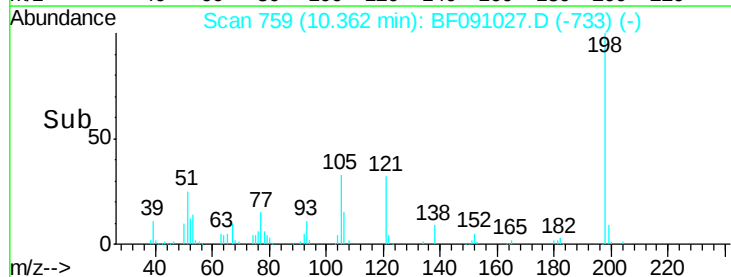
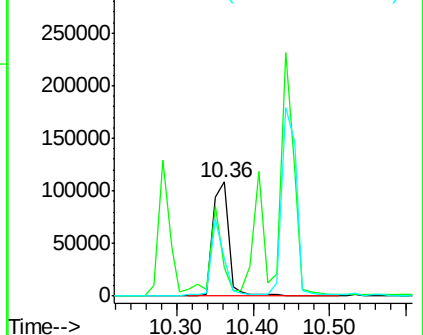
105 32.7 13.8 53.8

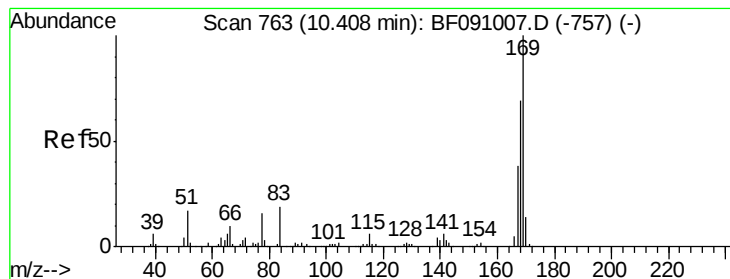


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.75 ng

RT: 10.41 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

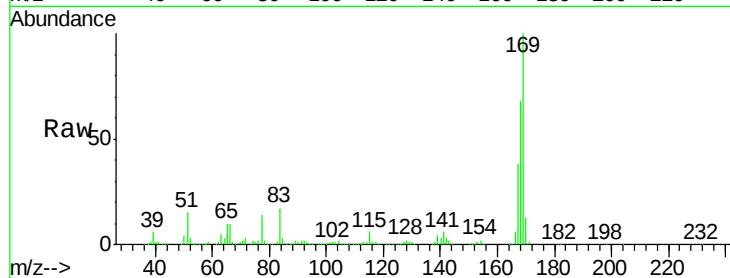
Tgt Ion:169 Resp: 766954

Ion Ratio Lower Upper

169 100

168 68.3 55.3 82.9

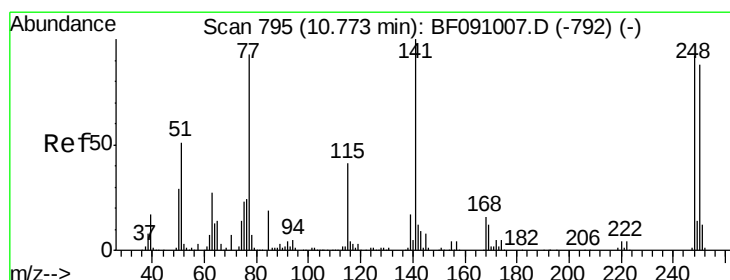
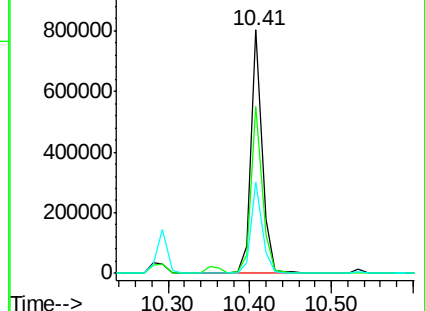
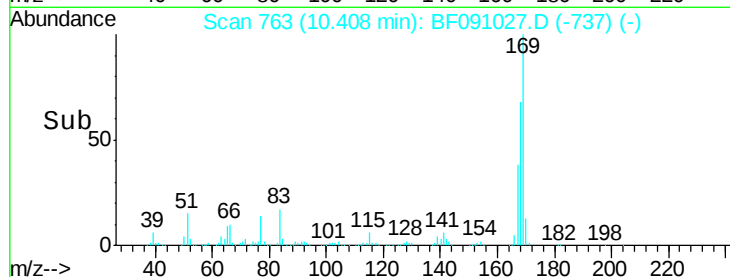
167 37.7 30.3 45.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.36 ng

RT: 10.77 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

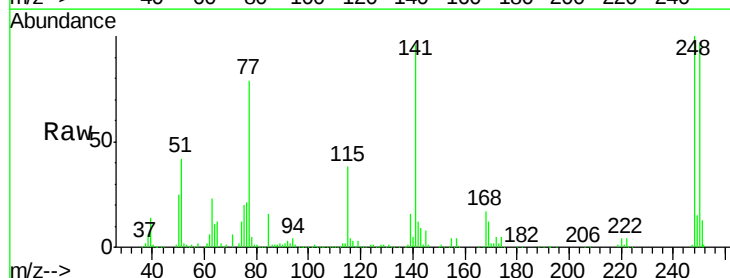
Tgt Ion:248 Resp: 255009

Ion Ratio Lower Upper

248 100

250 97.1 76.3 114.5

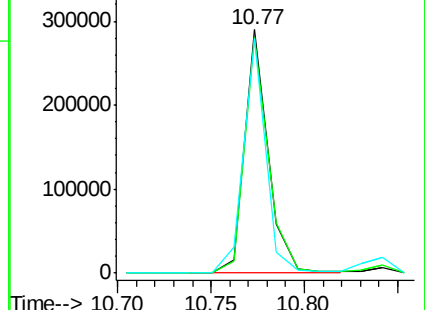
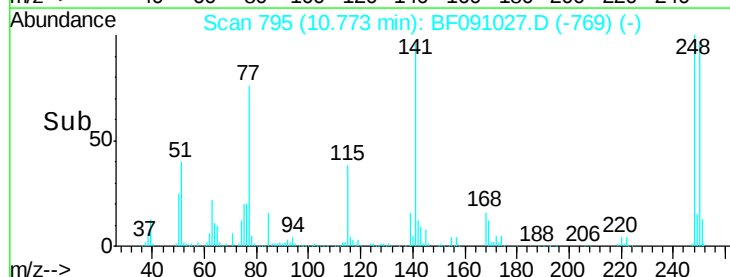
141 96.4 86.8 130.2

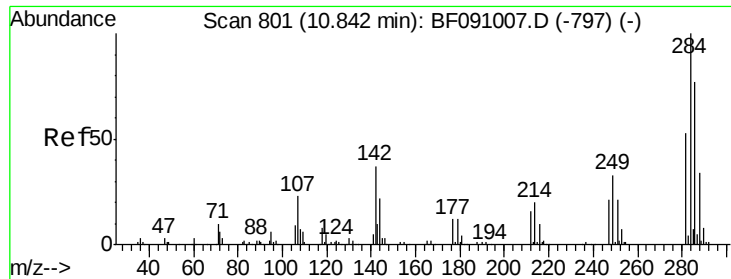


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.57 ng

RT: 10.84 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

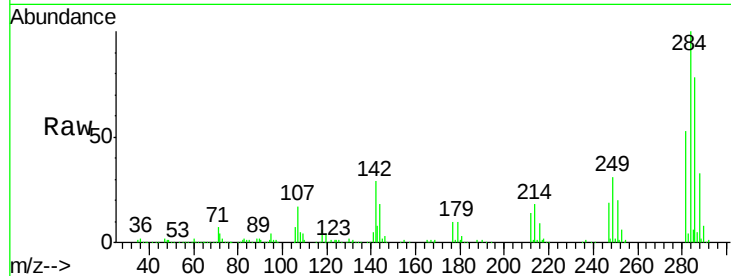
Tgt Ion:284 Resp: 319480

Ion Ratio Lower Upper

284 100

142 29.5 29.9 44.9#

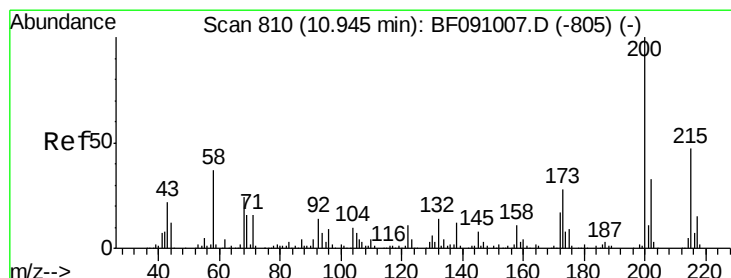
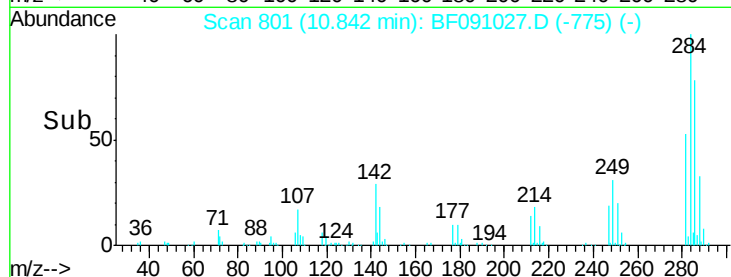
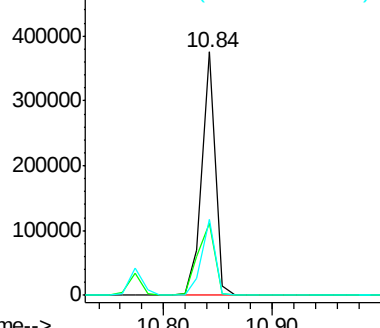
249 31.1 26.6 39.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.61 ng

RT: 10.94 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

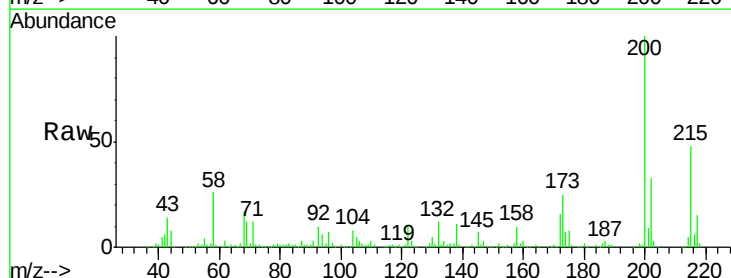
Tgt Ion:200 Resp: 249726

Ion Ratio Lower Upper

200 100

173 25.5 8.1 48.1

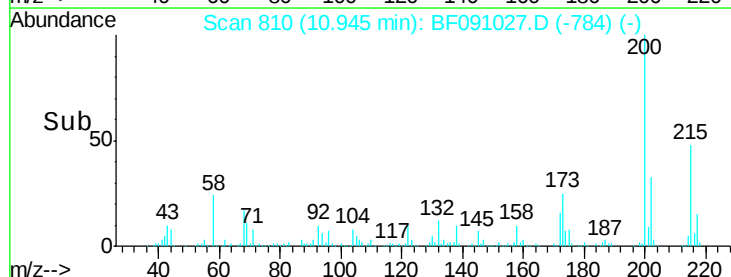
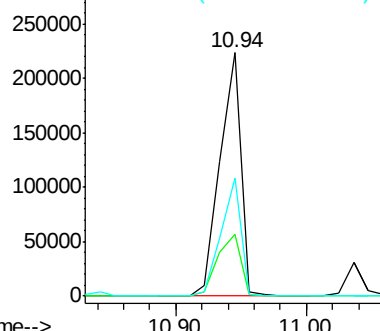
215 48.5 27.3 67.3

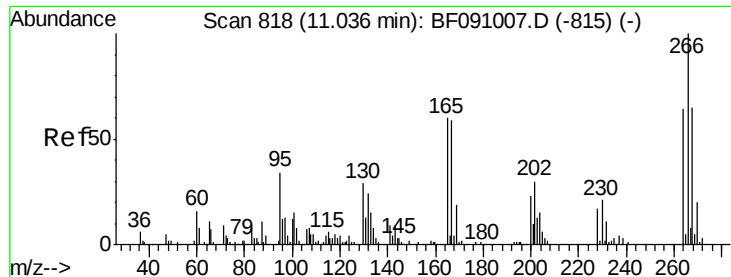


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

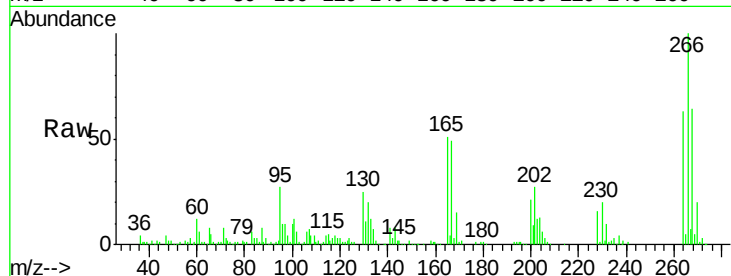




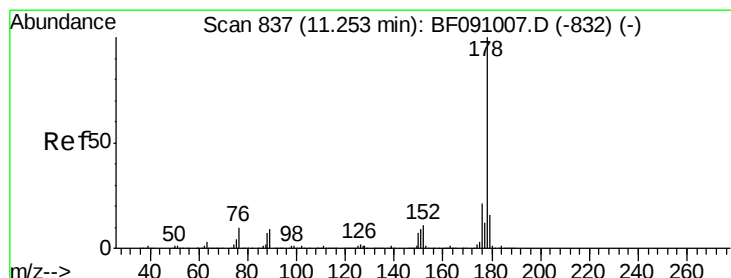
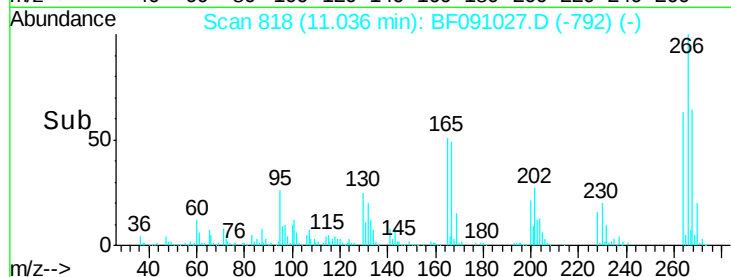
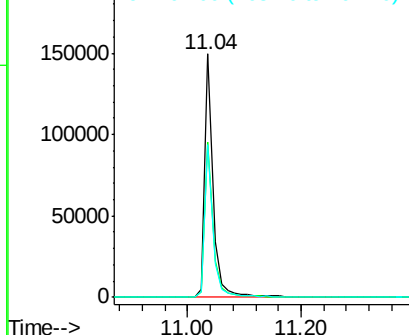
#69
 Pentachlorophenol
 Concen: 45.88 ng
 RT: 11.04 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 149017
 Ion Ratio Lower Upper
 266 100
 268 63.9 52.1 78.1
 264 62.9 51.1 76.7

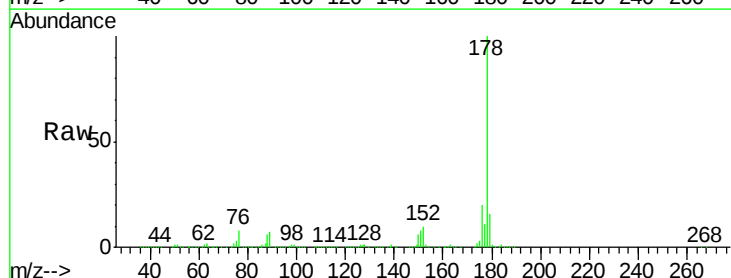


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

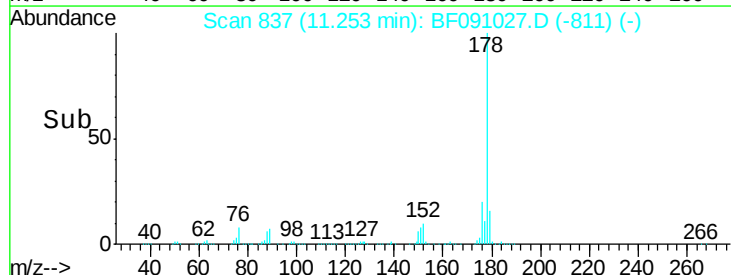
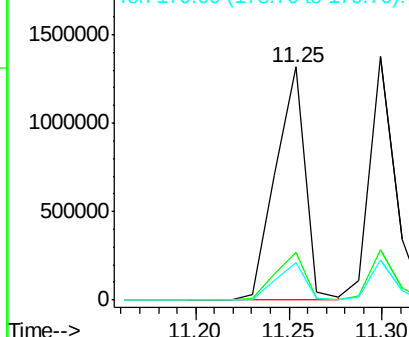


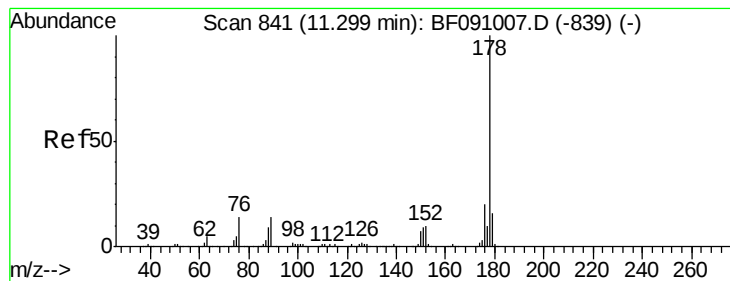
#70
 Phenanthrene
 Concen: 42.63 ng
 RT: 11.25 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

Tgt Ion:178 Resp: 1448648
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.6 25.0
 179 15.8 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 36.26 ng

RT: 11.30 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

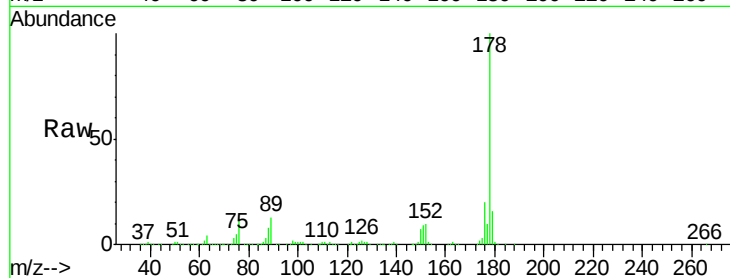
Tgt Ion:178 Resp: 1309859

Ion Ratio Lower Upper

178 100

176 20.4 16.0 24.0

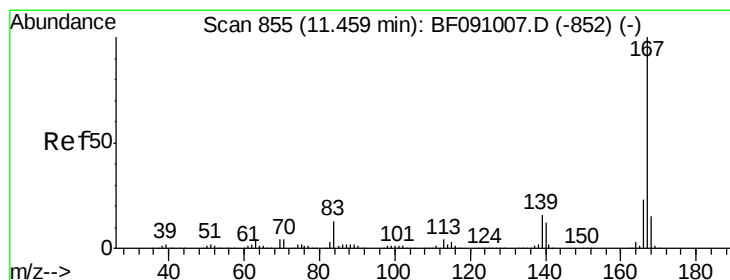
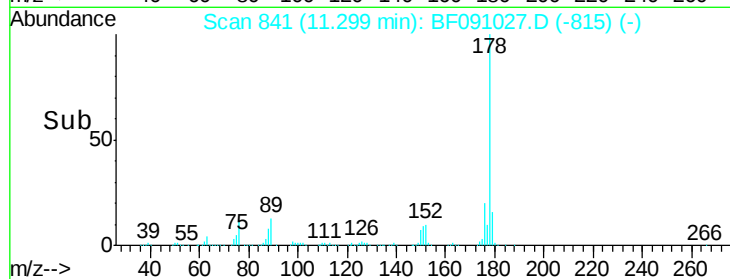
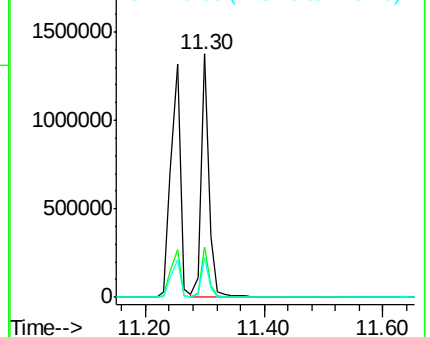
179 16.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.87 ng

RT: 11.46 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

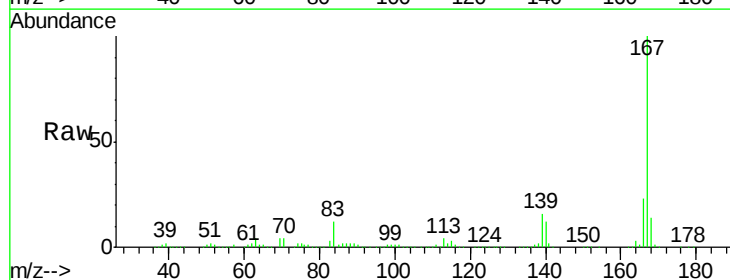
Tgt Ion:167 Resp: 1200249

Ion Ratio Lower Upper

167 100

166 22.6 18.0 27.0

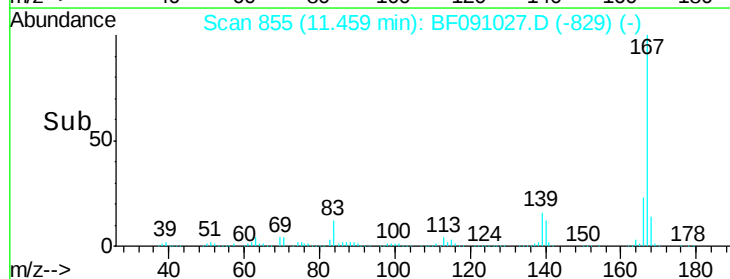
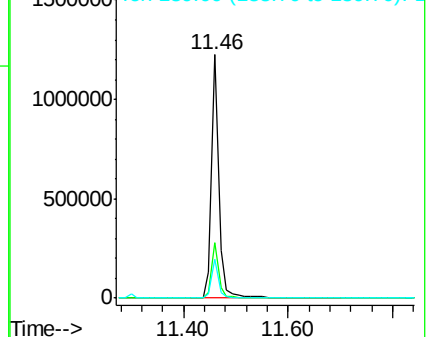
139 15.7 12.6 18.8

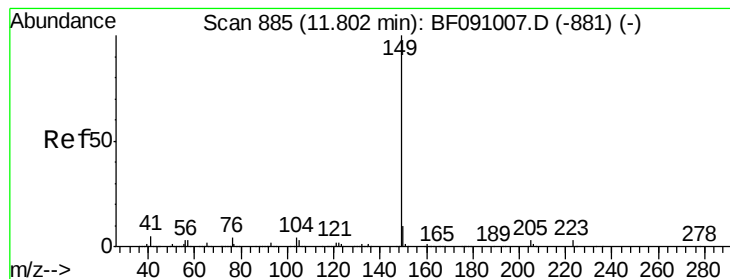


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.39 ng

RT: 11.79 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

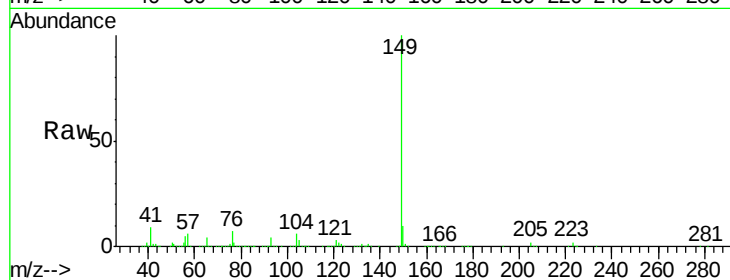
Tgt Ion:149 Resp: 1612861

Ion Ratio Lower Upper

149 100

150 10.0 7.7 11.5

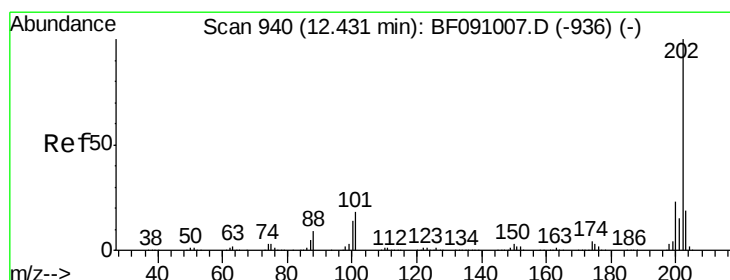
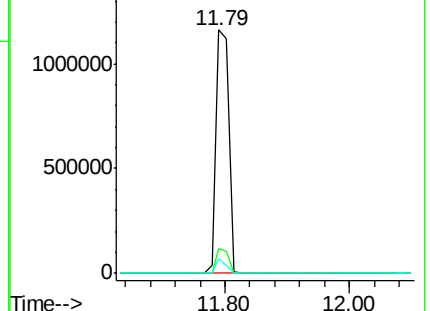
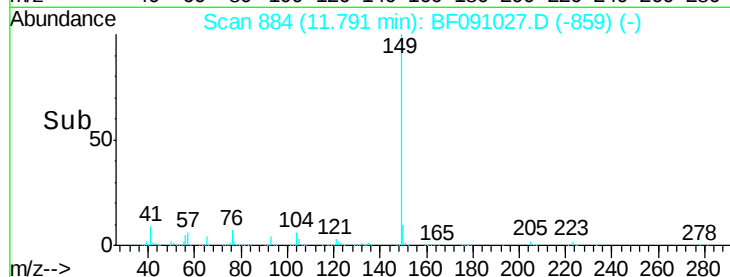
104 6.0 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.78 ng

RT: 12.43 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

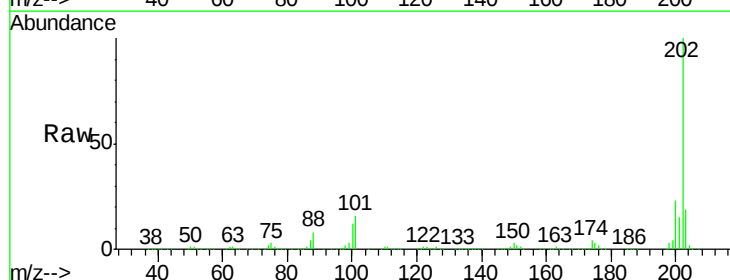
Tgt Ion:202 Resp: 1296053

Ion Ratio Lower Upper

202 100

101 16.4 0.0 37.6

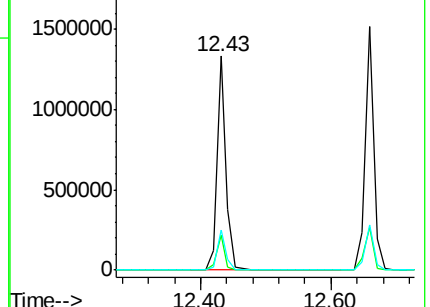
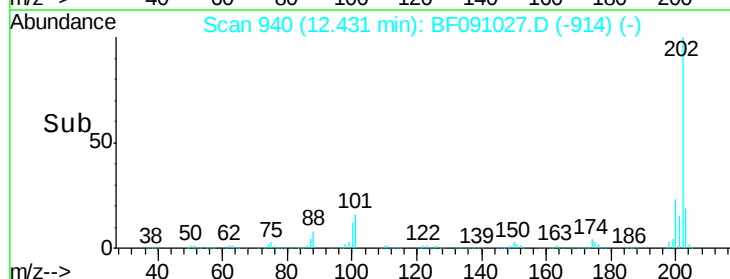
203 18.7 0.0 38.6

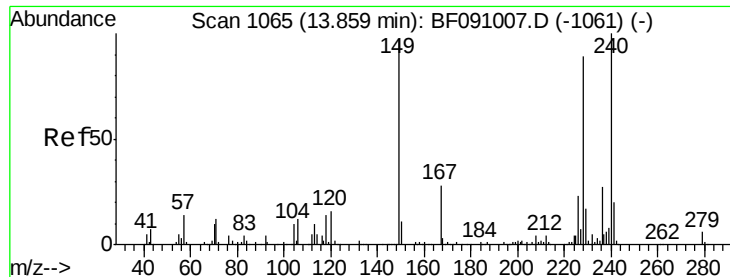


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

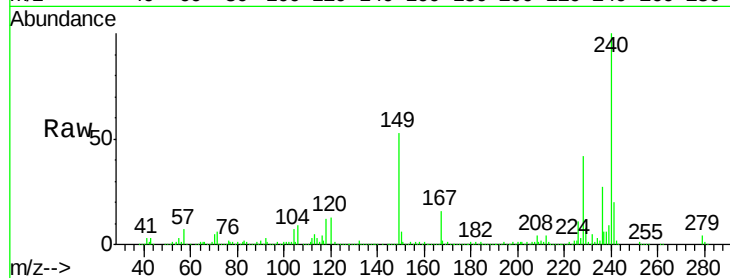
Tgt Ion:240 Resp: 609180

Ion Ratio Lower Upper

240 100

120 13.5 12.9 19.3

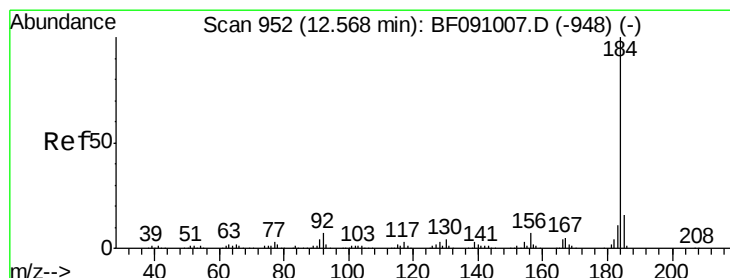
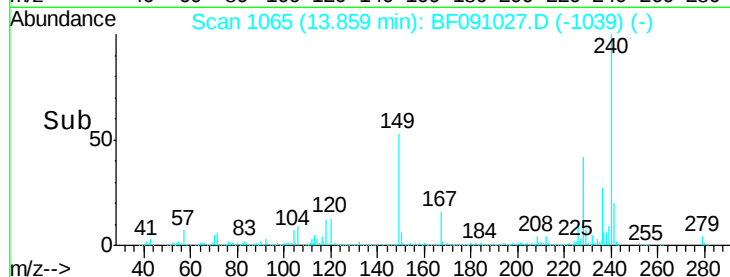
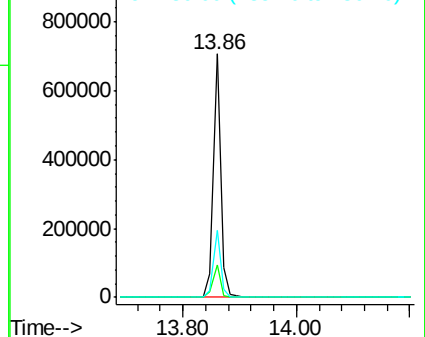
236 27.4 21.9 32.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.22 ng

RT: 12.57 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF091027.D

Acq: 4 Nov 2016 18:25

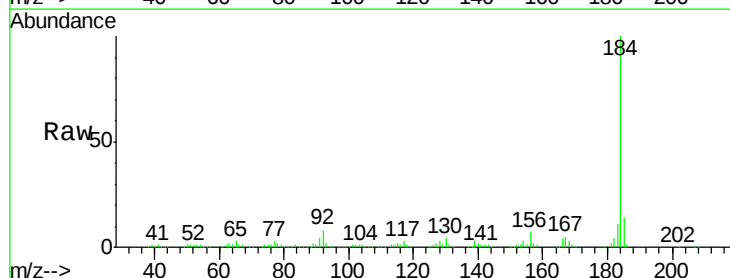
Tgt Ion:184 Resp: 465735

Ion Ratio Lower Upper

184 100

185 14.4 13.0 19.4

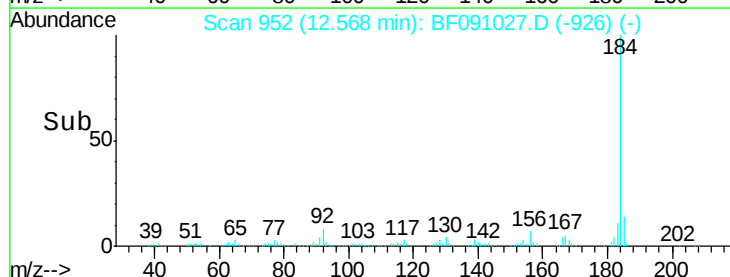
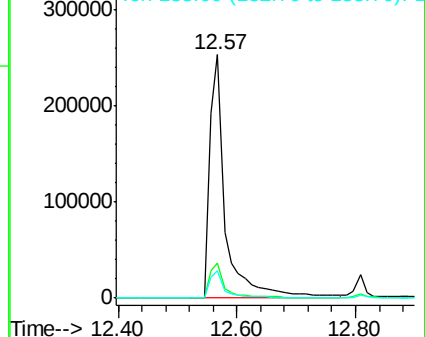
183 11.4 8.7 13.1

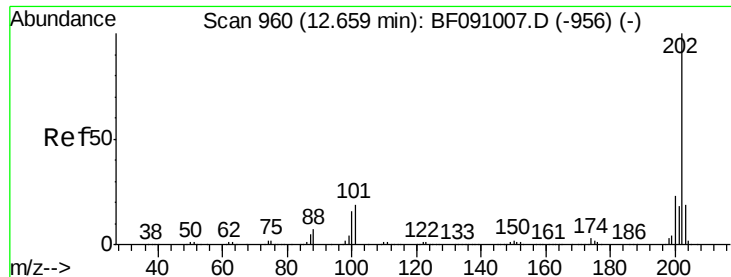


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



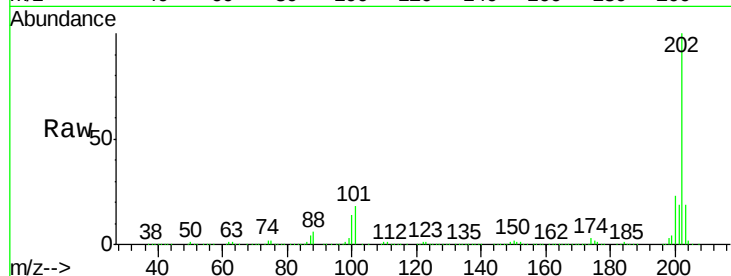


#77
Pyrene
 Concen: 33.97 ng
 RT: 12.66 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

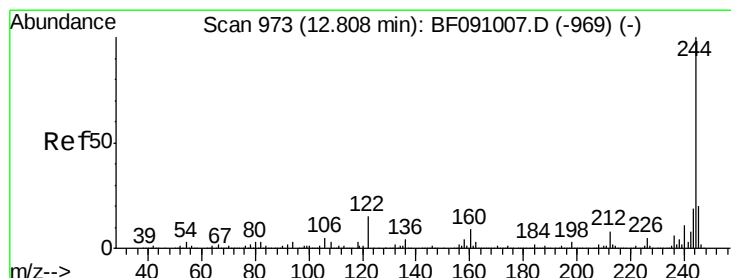
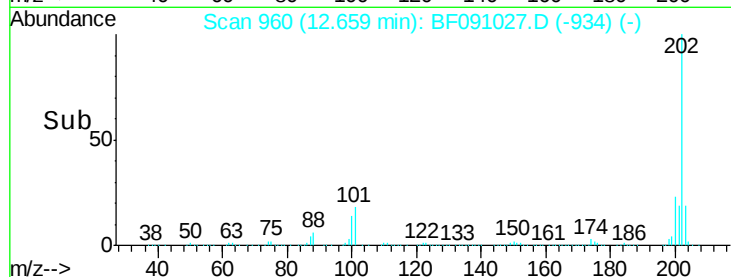
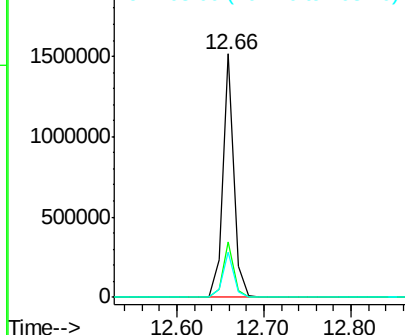
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:202 Resp: 1355168

Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.4	27.6
203	18.5	15.0	22.6



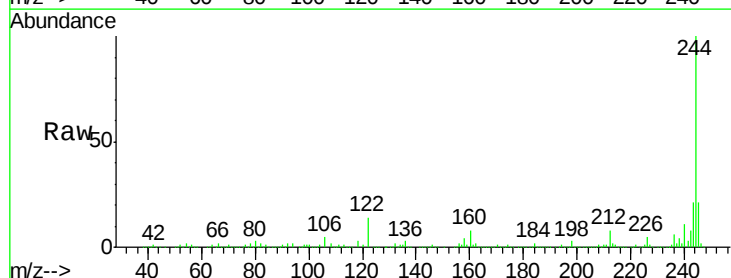
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



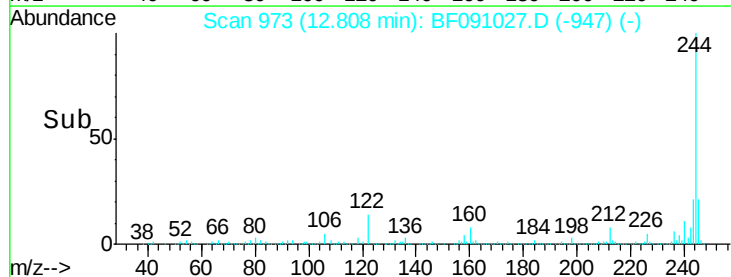
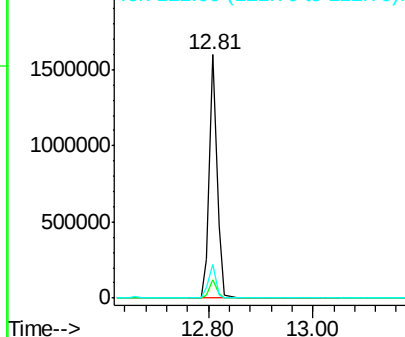
#78
Terphenyl-d14
 Concen: 66.96 ng
 RT: 12.81 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

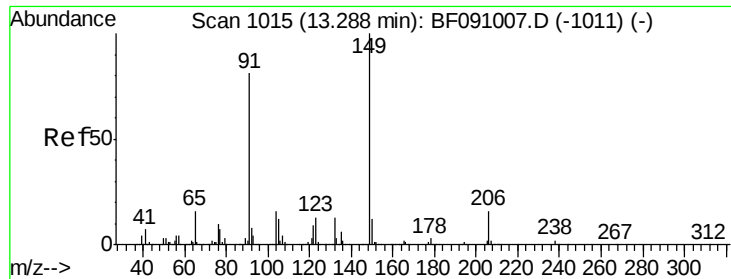
Tgt Ion:244 Resp: 1634617

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	13.8	12.3	18.5



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

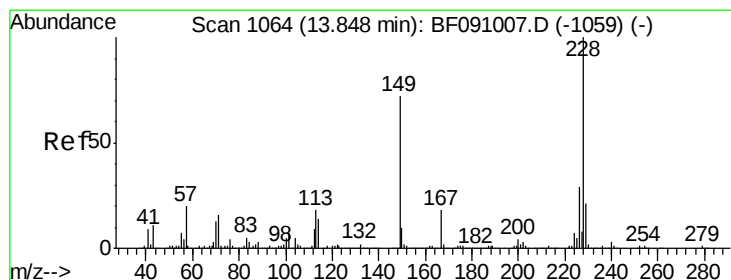
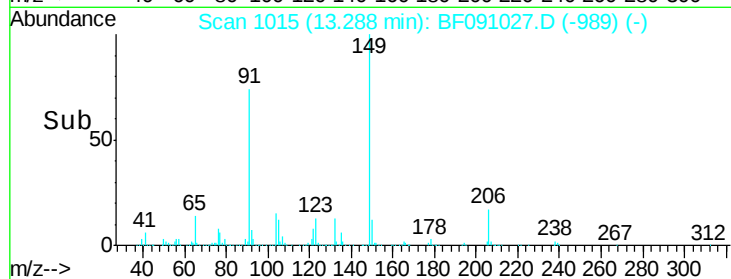
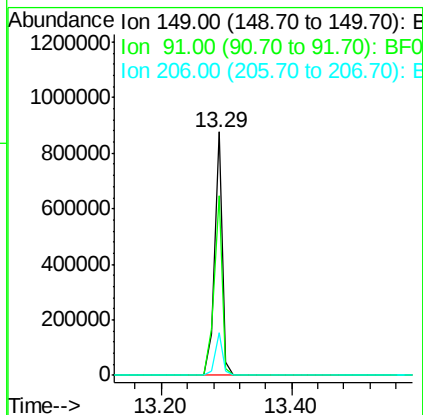
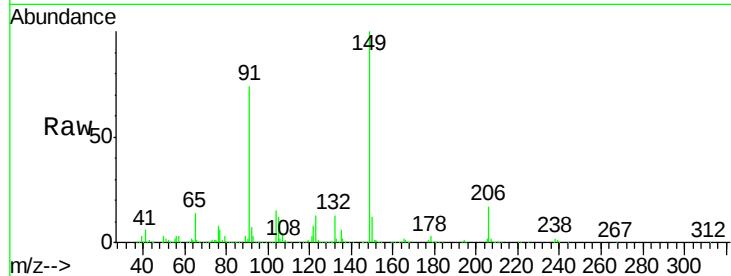




#79
Butylbenzylphthalate
Concen: 39.31 ng
RT: 13.29 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF091027.D
Acq: 4 Nov 2016 18:25

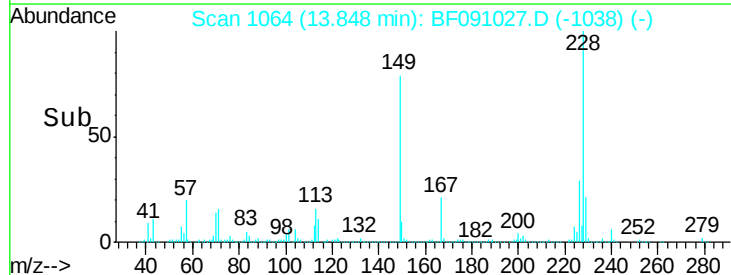
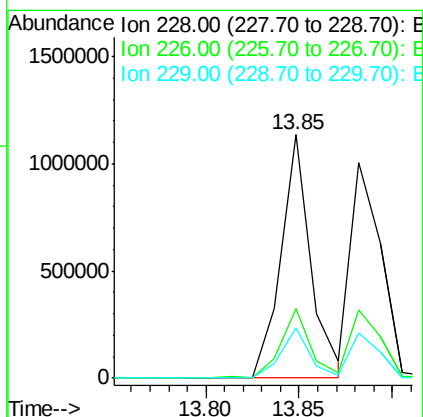
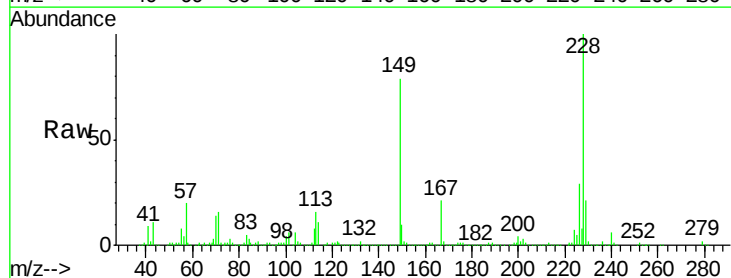
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 750108
Ion Ratio Lower Upper
149 100
91 73.8 65.0 97.4
206 17.3 12.5 18.7



#80
Benzo(a)anthracene
Concen: 36.59 ng
RT: 13.85 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF091027.D
Acq: 4 Nov 2016 18:25

Tgt Ion:228 Resp: 1265587
Ion Ratio Lower Upper
228 100
226 28.6 23.0 34.6
229 20.7 16.6 24.8

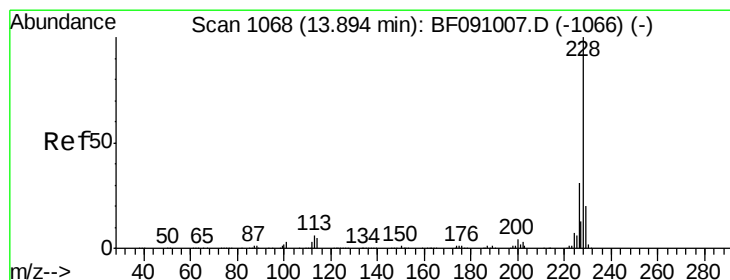
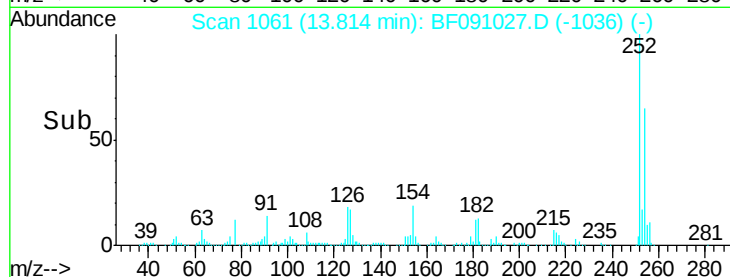
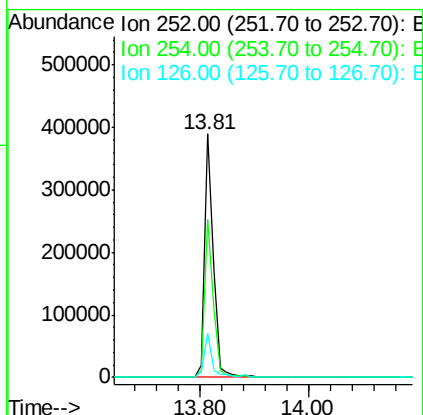
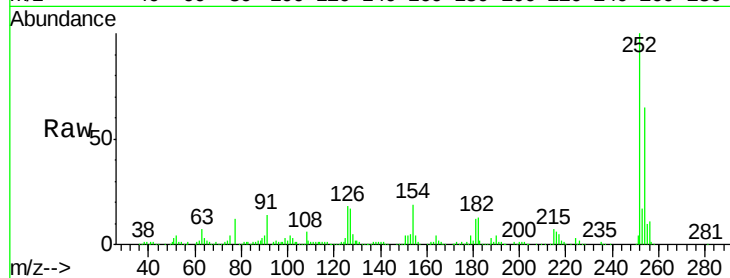




#81
 3,3'-Dichlorobenzidine
 Concen: 35.50 ng
 RT: 13.81 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

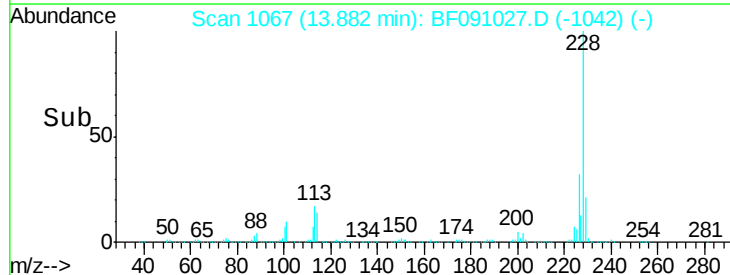
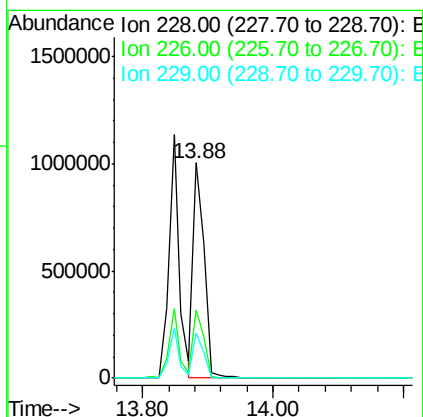
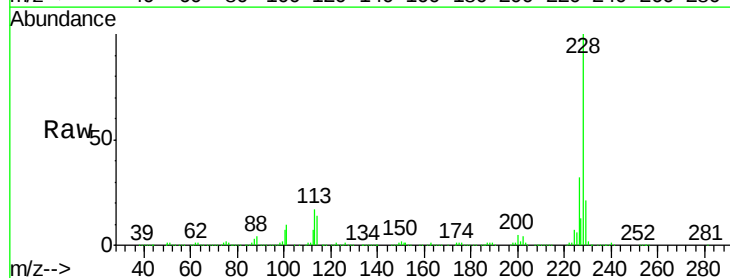
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 252 Resp: 431408
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.0 78.0
 126 18.0 5.4 8.2#



#82
 Chrysene
 Concen: 34.19 ng
 RT: 13.88 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

Tgt Ion: 228 Resp: 1166197
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.9 37.3
 229 20.8 15.9 23.9

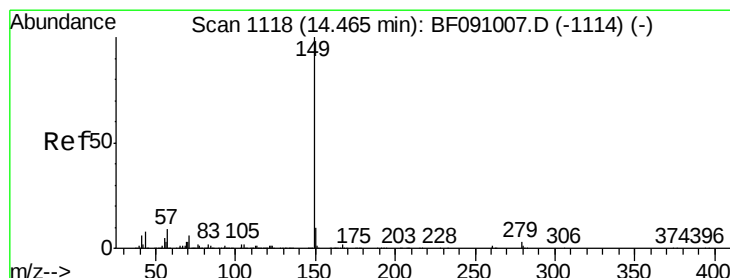
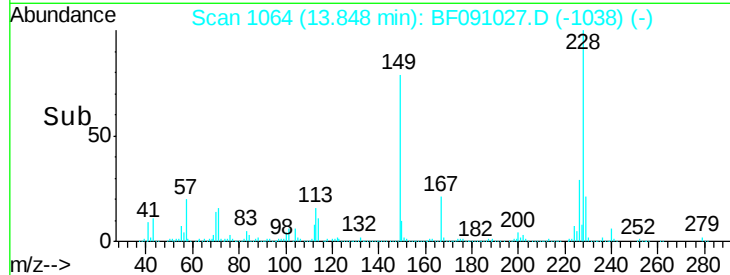
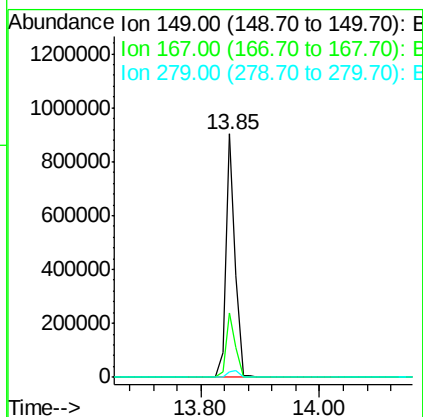
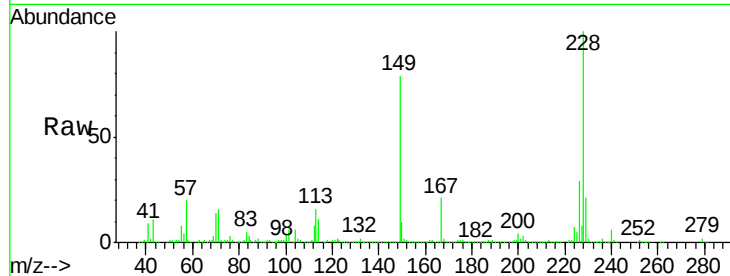




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.01 ng
 RT: 13.85 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

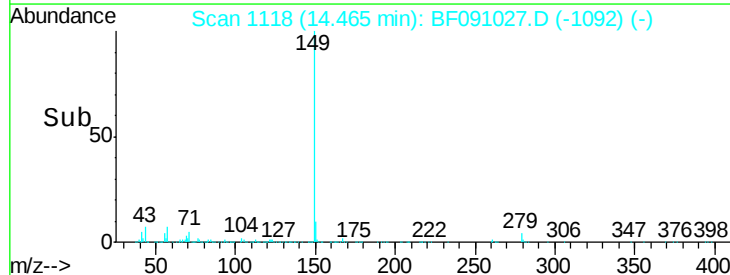
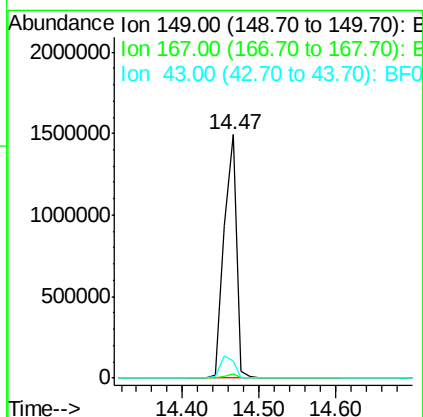
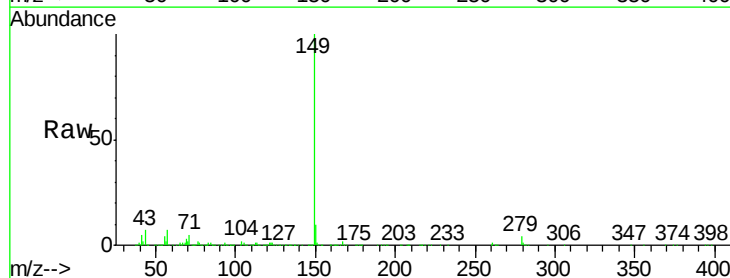
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

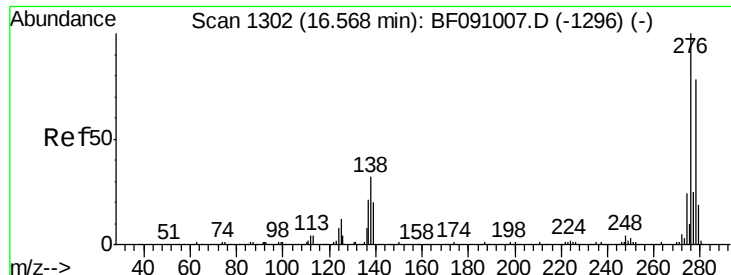
Tgt Ion:149 Resp: 955877
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.4 30.6
 279 2.5 1.6 2.4#



#84
 Di-n-octyl phthalate
 Concen: 40.72 ng
 RT: 14.47 min Scan# 1118
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

Tgt Ion:149 Resp: 1728959
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 10.0 8.2 12.4



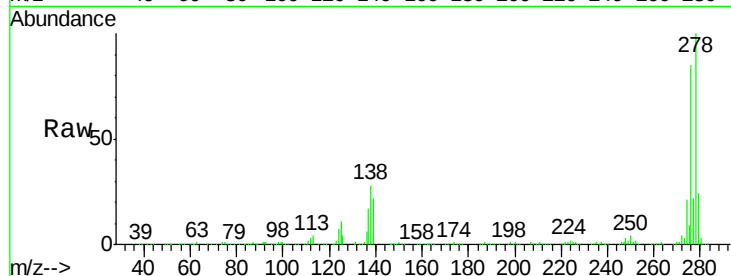


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.57 ng
 RT: 16.57 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

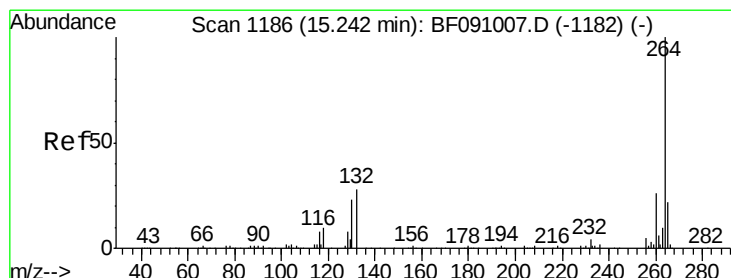
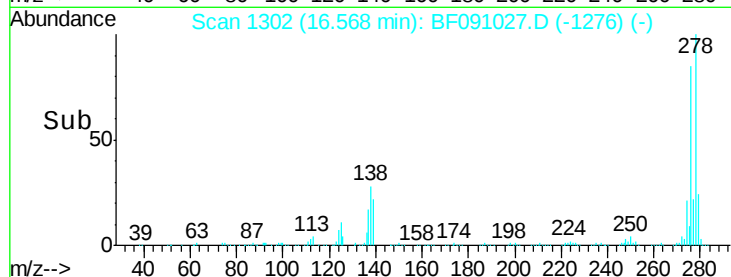
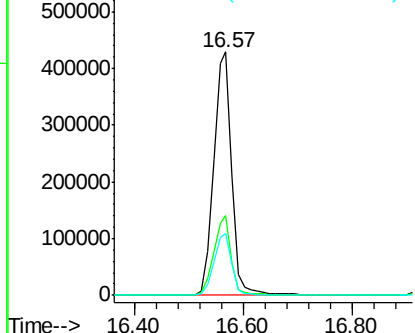
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 276 Resp: 1006651

Ion	Ratio	Lower	Upper
276	100		
138	32.0	26.0	39.0
277	25.2	20.1	30.1



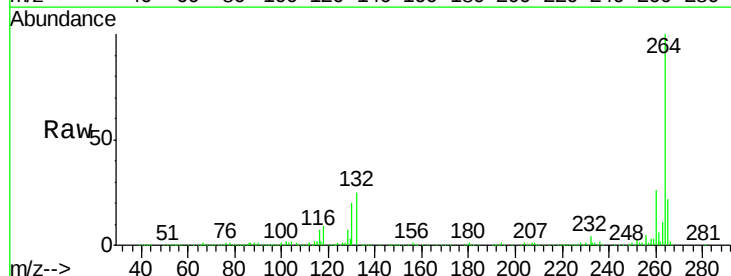
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



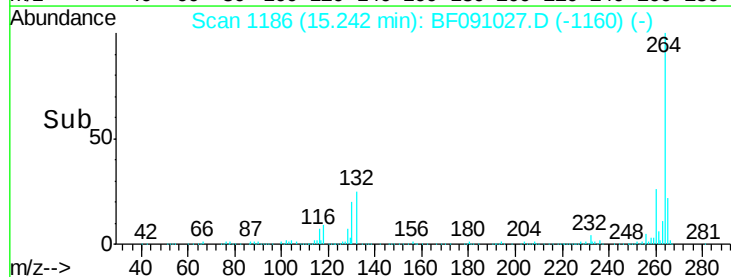
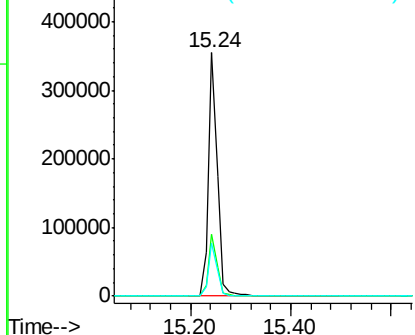
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF091027.D
 Acq: 4 Nov 2016 18:25

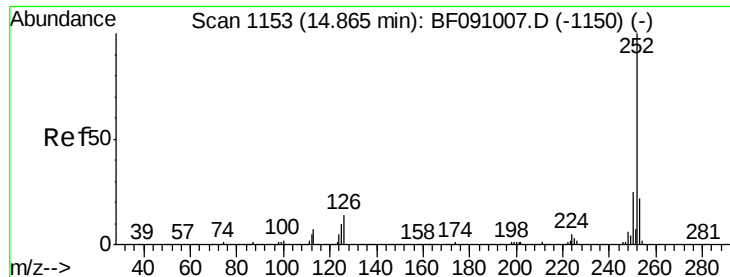
Tgt Ion: 264 Resp: 437137

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.6	30.8
265	22.0	17.8	26.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

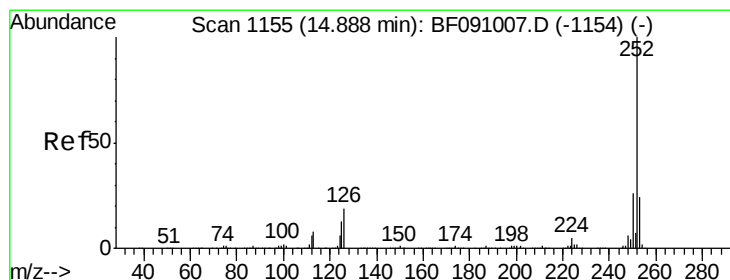
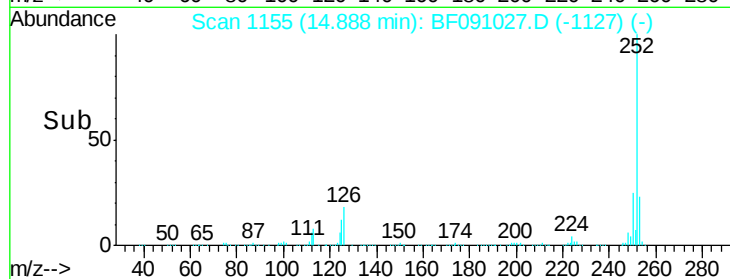
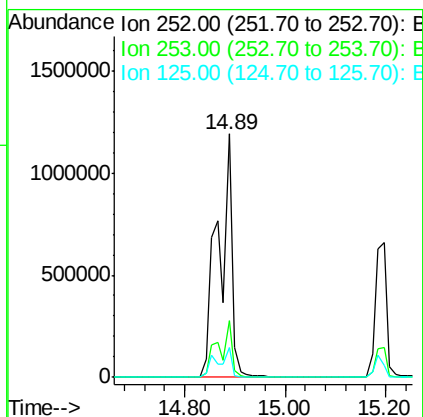
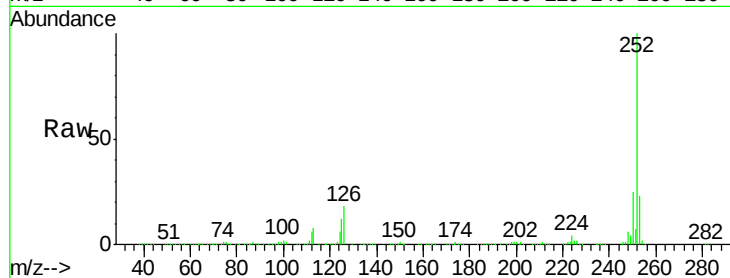




#87
Benzo(b)fluoranthene
Concen: 77.08 ng
RT: 14.89 min Scan# 1155
Delta R.T. 0.02 min
Lab File: BF091027.D
Acq: 4 Nov 2016 18:25

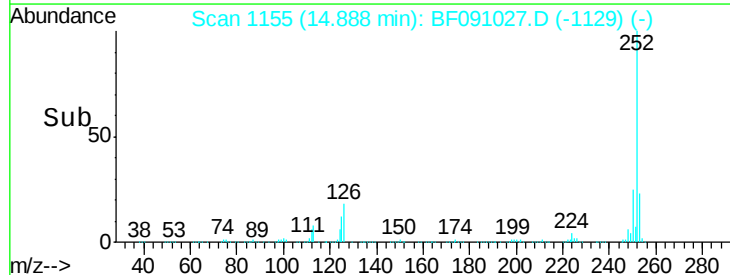
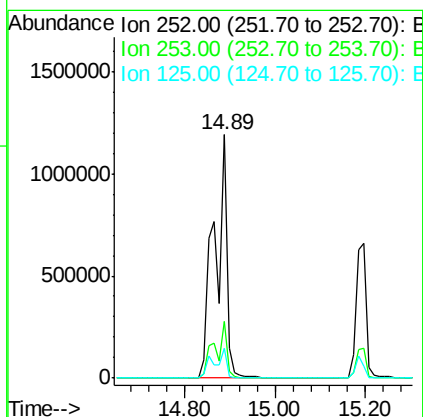
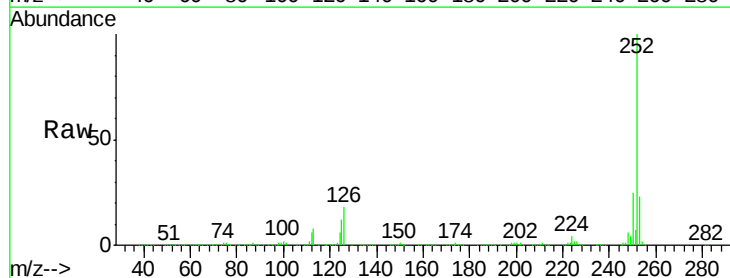
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

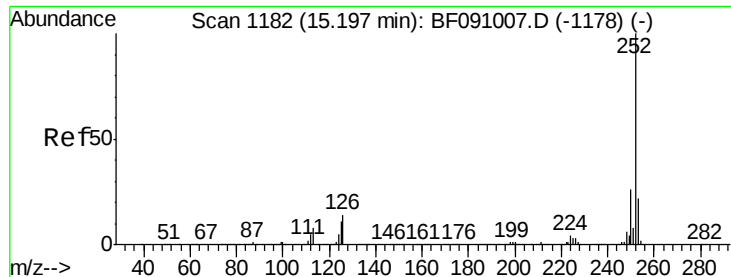
Tgt Ion:252 Resp: 2285192
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 12.1 8.3 12.5



#88
Benzo(k)fluoranthene
Concen: 87.94 ng
RT: 14.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF091027.D
Acq: 4 Nov 2016 18:25

Tgt Ion:252 Resp: 2287149
Ion Ratio Lower Upper
252 100
253 23.2 18.6 28.0
125 12.1 11.2 16.8

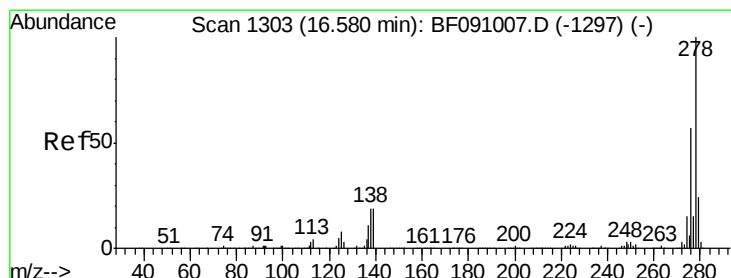
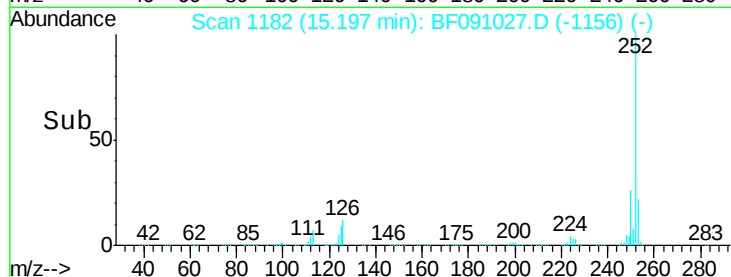
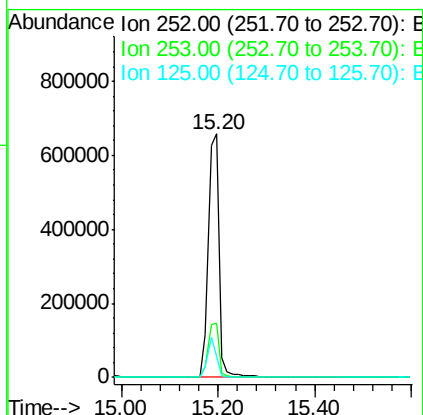
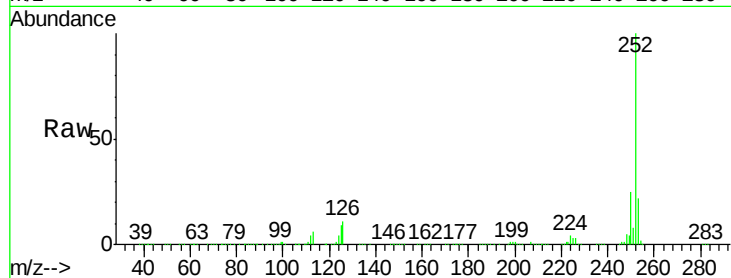




#89
Benzo(a)pyrene
Concen: 39.94 ng
RT: 15.20 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF091027.D
Acq: 4 Nov 2016 18:25

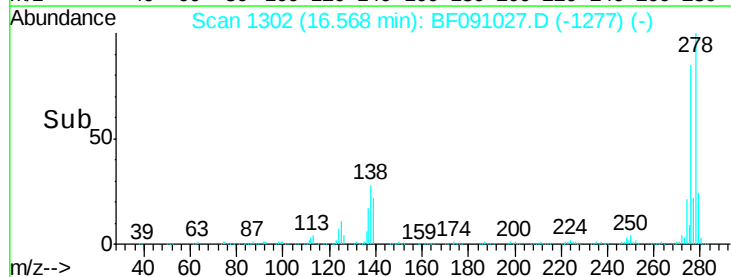
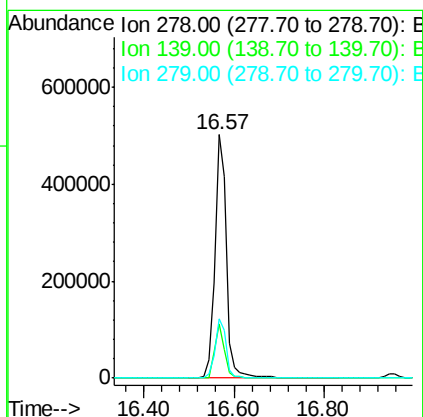
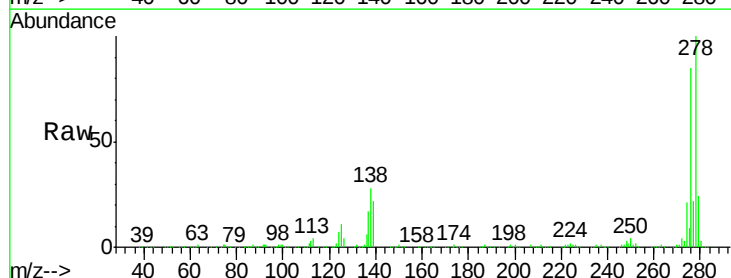
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

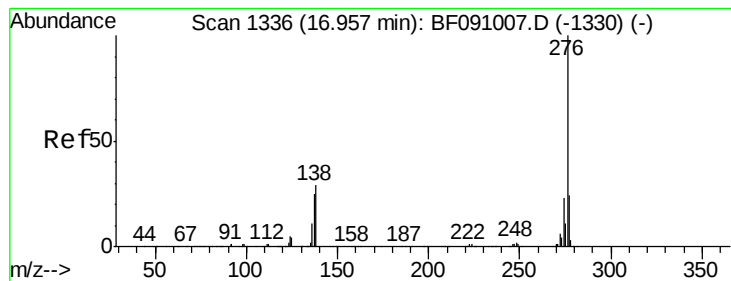
Tgt Ion:252 Resp: 1030838
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 8.8 8.6 13.0



#90
Dibenzo(a,h)anthracene
Concen: 40.14 ng
RT: 16.57 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF091027.D
Acq: 4 Nov 2016 18:25

Tgt Ion:278 Resp: 895574
Ion Ratio Lower Upper
278 100
139 22.1 15.3 22.9
279 24.3 19.3 28.9





#91

Benzo(g,h,i)perylene

Concen: 38.01 ng

RT: 16.96 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF091027.D

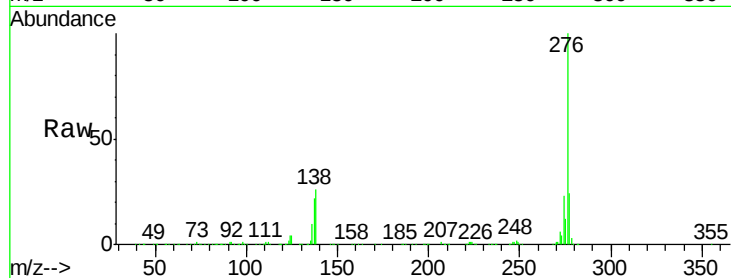
Acq: 4 Nov 2016 18:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



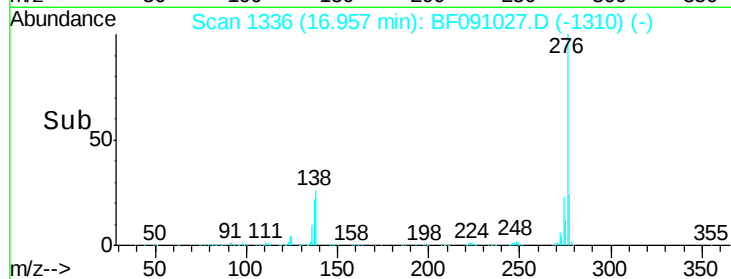
Tgt Ion: 276 Resp: 766933

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 25.9 23.3 34.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

